

# BC Geological Survey Assessment Report 39314



**Ministry of Energy and Mines** BC Geological Survey

Assessment Report Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Diamond Drilling

TOTAL COST: \$1,662,577.65

AUTHOR(S): Corey A. James		SIGNATURE(S):	Corey James	
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-1-842				YEAR OF WORK: 2020
STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S):	5828	997 / Feb 16, 2021		
PROPERTY NAME: Brucejack/Snowfield				
CLAIM NAME(S) (on which the work was done): 509,397				
соммодітієs sought: Au-Ag-Cu-Pb-Zn				
MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:				
MINING DIVISION: Skeena		NTS/BCGS: 104B/05	50	
LATITUDE: <u>56</u> ° <u>28</u> ' <u>20.0</u> " LONGITUDE: <u>130</u>	0	11 '31.0 "	(at centre of wor	k)
OWNER(S):  1) Pretium Exploration	2) _			
MAILING ADDRESS: 1055 Dunsmuir Street - PO Box 49334				
Vancouver, BC, V7X 1L4	_			
OPERATOR(S) [who paid for the work]:  1) Pretium Exploration	2) _			
MAILING ADDRESS: 1055 Dunsmuir Street - PO Box 49334				
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PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure Triassic Stuhini rocks and Jurassic Hazelton Group volcanic, int			,	astern flank of the
McTagg Anticlinorium. Targeting epithermal, porphyry copper, s	hear	hosted gold, and vo	olcanogenic ma	ssive sulphide-
mineralization for precious and base metals.				
REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT R	EPOR	T NUMBERS:		

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Airborne			
GEOCHEMICAL (number of samples analysed for)			
Soil			
Silt			
Rock 4269 Drillcore Samples		509397	\$164,569.95
Other			
DRILLING (total metres; number of holes, size)			
<b>Core</b> 5409.10m, 16 holes, H	Q	509397	\$1,498,007.70
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric			
(scale, area)			
Legal surveys (scale, area)		_	
Road, local access (kilometres)/t	rail		
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	\$1,662,577.65

# August 13<sup>th</sup> to October 2<sup>nd</sup>, 2020 Diamond Drilling Program on the Brucejack/Snowfield Property

MINERAL TENURE: 509,397

#### SKEENA MINING DIVISION BRITISH COLUMBIA, CANADA NTS 104B/050

Geographic Coordinates: 56° 28' 20.0" /130° 11' 31.0"

427,000E 6,258,500N NAD 83 Zone 9

Event Number: 5828997

**Pretium Exploration Inc.** 

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By Corey A. James B.Sc. (Hons)

February 5, 2021

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#### 1.0 Introduction and Summary

From August 13<sup>th</sup> to October 2<sup>nd</sup>, 2020 a total of 16 diamond drill holes were completed on the Brucejack Property. The drill holes targeted epithermal style gold mineralization at the Hanging Glacier Zone, located four kilometers northwest of the Brucejack Mine.

The 2020 exploration program under Mines Act Permit MX-1-842, was based out of Knipple Camp and the Bowser West Core Logging Facilities, located at km 56 and km 51 on the Brucejack Gold Mine access road.

Drilling at Hanging Glacier planned to test two zones of high-grade gold mineralization defined by large soil anomalies up to 3.21 g/t gold, surface rock samples assaying up to 300 g/t gold, as well as to follow up on mineralization intersected during the 2015 exploration drill program.

The 2020 drilling program was successful in identifying broad intervals of low to medium-grade gold mineralization hosted in disseminated pyrite as well as zones of semi-massive to massive pyrite and intervals of quartz-carbonate veining. Mineralization is broadly hosted along the contact between a strong phyllically altered intermediate ash tuff overlying a monzonitic porphyry intrusion. Select drill highlights from Hanging Glacier include:

- Hole BR-112 intersected 8.97 g/t and 5150 g/t silver over 1.0 meters.
- Hole BR-120 intersected 0.51 g/t over 295.4 meters, including 4.93 g/t gold over 6.0 meters.
- Hole BR-122 intersected 0.31 g/t gold over 263.7 meters.
- Hole BR-142 intersected 0.34 g/t gold over 240.2 meters.

Future drilling should focus on stepping out from the zones where gold mineralization was intersected to determine the lateral extents of the system. Additional prospecting and soil sampling should be completed in the area to broaden the geochemical database and assist future drill planning.

#### 2.0 Location

The Brucejack Property is located in northwestern British Columbia, approximately 65 km by air NNW of Stewart and approximately 950 km northwest of Vancouver (Fig. 1). Road access is via the Brucejack Access Road (BJAR), which extends approximately 74 km west from km 215 of Highway 37N. The Brucejack Property mineral claims are located in the Boundary Range of the Coast Mountain Physiographic Belt, along the western margin of the Intermontane Tectonic Belt. The region is known as

the Golden Triangle due to the presence of numerous high grade gold mines, including past producers Snip and Eskay Creek, and Pretivm's actively producing Brucejack Mine.

The Brucejack exploration program is operated out of the Knipple Camp and Bowser West Core Logging Facilities, located at km 56 and 52 respectively of the BJAR (Fig. 2). Both of these camps are located within Licenses of Occupation (LOO) (SK920922 and SK920878). The BJAR is an all-season gravel road. It is authorized under SUP S25923 for the Brucejack Mine and provides ground access for mine operations, as well as being used for exploration related access. All-wheel drive vehicles can utilize this road year-round, as it is well maintained with a good snow-removal program in the winter. The 74 km access road was completed in 2013 and links all of Pretivm's camps, including the Brucejack Camp, Knipple Camp, Bowser West Camp, and Wildfire Camp.

#### 3.0 Accessibility, Climate, Physiography, Infrastructure, and Local Resources

#### 3.1 Accessibility

The center of the Brucejack Property is accessible by the all-season, well-maintained gravel road, starting at km 215 on Highway 37. All-wheel drive vehicles can utilize this road year-round, as it is well maintained with a good snow-removal program in the winter. The 74 km access road was completed in 2013 and links all of Pretium's camps, including the Brucejack Camp, Knipple Camp, Bowser West Core Logging Facility, and Wildfire Camp.

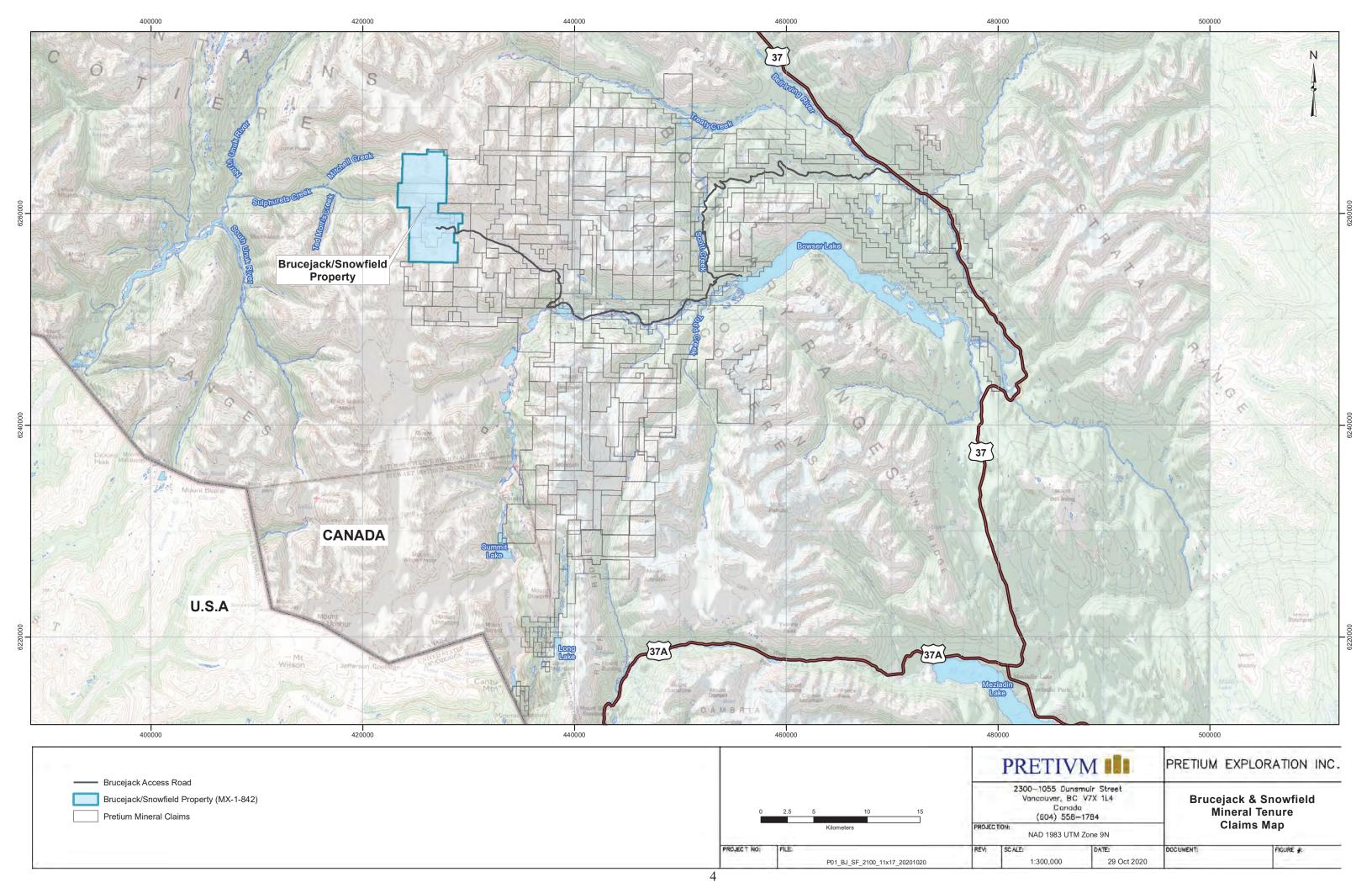
The Brucejack Property is also easily accessible by chartered helicopter from the town of Stewart, or seasonally from the settlement of Bell II. The flight time from Stewart is approximately 25 minutes and slightly less from Bell II; however, Stewart has the advantage of a well-established year-round helicopter base.

#### 3.2 Climate and Physiography

The climate is typical of northwestern B.C. with cool, wet summers, and relatively moderate but wet winters. Annual temperatures range from +20°C to -20°C. The amount of precipitation is high, with heavy snowfall and accumulations ranging from 10 to 15 m at higher elevations and 2 to 3 m along the lower river valleys. Snow packs cover the higher elevations from October to May. The optimum field season is from mid-July to early-October. The tree line is at approximately 1,200 m elevation. Dominant overstorey species in valley bottoms include various poplars (*Populus* spp.), subalpine fir (*Abies lasiocarpa*), Engelmann spruce (*Picea engelmannii*), and lodgepole pine (*Pinus contorta*), with mountain hemlock (*Tsuga mertensiana*) present in wetter mid-elevation areas. At and above treeline, Sparse



Figure 1. Location map of the Bowser Property, northwestern British Columbia.



subalpine and alpine vegetation communities are interspersed with bedrock exposures. Detailed vegetation descriptions are provided in the terrestrial ecosystem baseline studies report for the Brucejack Mine (Brucejack Gold Mine Project: Application for an Environmental Assessment Certificate / Environmental Impact Statement, Appendix 16-A) (Pretivm, 2014).

#### 3.3 Infrastructure and Local Resources

Local infrastructure on the Brucejack Property is limited to Pretium's Brucejack Gold Mine access road from Highway 37 and the Bowser airstrip, which was completed in July 2016 in order to accommodate small aircraft.

The nearest infrastructure is the town of Stewart, located approximately 65 km to the south, which has a minimum of supplies and personnel. Stewart is the most northerly ice-free shipping port in North America. The city of Terrace and town of Smithers are located further south along Highway 16, in the same general region (Fig. 1). Both communities are directly accessible by daily air service from Vancouver, with Terrace also accessible from Prince George and Calgary. The nearest railway is the Canadian National Railway Yellowhead route, which is located approximately 220 km to the southeast. This line runs east from the terminal at the deep water port of Prince Rupert on the west coast of B.C. A 57 km long transmission line, which connects the Brucejack Mine to the BC Hydro power grid, was completed in March 2017.

#### 4.0 Mineral Tenures

The Brucejack/Snowfield Property is comprised of 11 contiguous mineral claims within the Skeena Mining Division (Table 1). The Brucejack/Snowfield Property mineral claims are contiguous with the Bowser Property, also owned by Pretium.

The 2020 diamond drilling program was located on mineral claim 509,397. All mineral claims are in good standing until at least January 31, 2031.

Tenure Number	Type	Owner	Expiry Date	Area (Ha)	
509216	Mineral	Pretium Exploration	Jan 31, 2031	1267.425	
509223	Mineral	Pretium Exploration	Jan 31, 2031	428.623	
509397	Mineral	Pretium Exploration	Jan 31, 2031	375.147	
509400	Mineral	Pretium Exploration	Jan 31, 2031	178.632	

Table 1: Brucejack property mineral claims.

1027400	Mineral	Pretium Exploration	Jan 31, 2031	500.3945	
1034915	Mineral	Pretium Exploration	Jan 31, 2031	89.3499	
1038597	Mineral	Pretium Exploration	Sep 17, 2021	53.6	
1038598	Mineral	Pretium Exploration	Sep 17, 2021	553.6	
1038599	Mineral	Pretium Exploration	Sep 17, 2021	35.7	
1038600	Mineral	Pretium Exploration	Sep 17, 2021	107.2	
1027399	Mineral	Pretium Exploration	Jan 31, 2031	983.6067	

#### 5.0 History

Mining has taken place in the Stewart area since the early 1900's and is one of the most prolific mining districts in British Columbia. Prominent properties include the past-producing Snip, Eskay Creek, Silbak-Premier and Big Missouri Mines, and the active Brucejack and Red Chris Mines. The region has also seen extensive exploration since the first gold rush took place during the late 1800's. On the Brucejack/Snowfield Property, exploration work has focused on discovering high grade Au-Ag mineralization, similar to the Eskay Creek, Snip, and Brucejack deposits.

Past exploration work on the Brucejack Property includes prospecting, geologic mapping, soil and silt sampling, geophysical surveys and diamond drilling. Limited trenching and adit development has also taken place in areas were prospecting revealed mineralization potential. The historical data presented here has been summarized from various assessment and technical reports available through the BC Ministry of Energy, Mines and Petroleum Resources.

Between 1960 and 1979 Granduc prospectors conducted geological mapping, lithogeochemical sampling, trenching, and diamond drilling on known base and precious metal targets north and north-west of Brucejack Lake resulting in the discovery of Au-Ag mineralization in the Hanging Glacier area and Mo on the south side of Mitchell.

In 1980, Esso optioned the property from Granduc and subsequently completed an extensive program consisting of mapping, trenching, and geochemical sampling that resulted in the discovery of several showings including the Snowfield, Shore, West, and Galena zones. Gold mineralizatin was discovered on the peninsula at Brucejack Lake near the Shore Zone.

From 1982 to 1983, exploration was restricted around previously identified Au and Ag-bearing vein systems in the Brucejack Lake area at the southern end of the property. Drilling concentrated on the gold-bearing structures at the Near Shore and West zones, located 800 m apart near Brucejack Lake. Drilling commenced on the Shore Zone.

In 1983 and 1984, Esso continued work on the property and outlined a deposit on the west Brucejack Zone. By 1985, Esso dropped the option on the Sulphurets property which was subsequently optioned by Newhawk and Lacana Mining Corp. (Lacana) from Granduc under a three-way joint venture (the Newcana JV). The Newcana JV completed work on the Snowfield, Mitchell, Golden Marmot, Sulphurets Gold, and Main Copper zones, along with lesser known targets. Between 1986 and 1991, the Newcana JV spent approximately \$21 M developing the West Zone and other smaller precious metal veins on what would later become the Bruceside Property.

From 1991 to 1992, Newhawk officially subdivided the Suphurets claim group into the Sulphside and Bruceside properties and optioned the Sulphside property (including Sulphurets and Mitchell Zones) to Placer Dome Inc. (Placer Dome). Throughout the period from 1991 to 1994, joint venture exploration continued on the Sulphurets-Bruceside property including property-wide trenching, mapping, airborne surveys, and surface drilling, evaluating various surface targets including the Shore, Gossan Hill, Galena Hill, Maddux, and SG zones. In early 1992, Newhawk purchased Granduc's interest in the Snowfield Property. Six holes were drilled at the Shore Zone, totalling 1,200 m, to test its continuity and to determine its relationship to the West and R-8 zones. Results varied from 37 g/t Au over 1.5 m to 13 g/t Au over 4.9 m (Armstrong et al., 2011).

In 1994, Exploration in the Brucejack area consisted of detailed mapping and sampling in the vicinity of the Gossan Hill Zone, and 7,352 m of diamond drilling (over 20 holes), primarily on the West, R8, Shore, and Gossan Hill zones. Mapping, trenching, and drilling of the highest priority targets were conducted on 10 of the best deposits (including the West Zone).

In 1999, Silver Standard acquired Newhawk and with it, Newhawk's 60% interest and control of the Brucejack Property. In 2001, Silver Standard acquired Black Hawk's 40% direct interest in the Brucejack property, resulting in 100% interest in the property. No exploration or development work was carried out on the Brucejack Property during the period from 1999 to 2008.

In 2009 and 2010, Silver Standard commenced work on the Brucejack Property which included drilling, rock-chip and channel sampling, and re-sampling of historical drill core. In 2009, a total of 17,846 m of drilling was completed across 37 drill holes and in 2010, a total of 33,400 m of drilling was completed in 72 holes. Following the drilling campaign in 2009 to 2010, Silver Standard completed preliminary economic assessments and feasibility studies on the Brucejack and Snowfield projects. In late 2010, Pretivm was formed to acquire and advance the Brucejack exploration project.

Between 2011 and 2019, extensive drilling was completed in key target areas as well as underground excavation and access road rehabilitation and completion. In 2015 the permitting process

was concluded and in 2016 the focus shifted to the construction of the Brucejack Mine site and a 57-kilometre transmission line to connect the future mine site to the power grid. Infill, underground, and near-mine exploration drilling completed between 2014 and 2016 reflected an increase in Measured and Indicated Resources at Brucejack and established new zones on the property surrounding Brucejack. Construction was completed in early 2017 and went into commercial operation in July. Since operation began, the Brucejack Mine has produced over 1,142,344 ounces of gold with a Total Mineral Reserve of 4.2 million ounces and an estimated mine life of 13 years.

#### 5.1 Previous Work on the Hanging Glacier Zone by Pretium Exploration

In 2013, float and grab samples were collected along the eastern edge of the Sulphurets glacier, west of the Hanging glacier toe. The 2013 program produced anomalous Cu results (0.1-1.16% Cu) and elevated Au values (up to 2.74 g/t Au). This warranted two days of follow-up work in 2014, which produced an additional 8 grab and chip samples with assays greater than 0.1% Cu, and a top value of 2.53% Cu, as well as a 19.6 g/t Au chip sample.

In 2014, airborne geophysical surveys were completed on the Brucejack and Bowser properties. The work was done by Precision GeoSurveys Inc. of Vancouver, B.C. A 1,885 line km magnetic and radiometric survey was flown at 400 m line spacing. Due to inclement weather, only 350 line kms of 1TEM Time Domain Electromagnetics (TDEM) were flown, about half of what had been proposed. The following year, Pretium expanded the magnetic and radiometric survey area to the east and south, as well as infilled specific block areas to 200 m line spacing. Precision returned to complete the work and surveyed a total of 1,139 km for magnetics and radiometrics.

In 2015, the proposed 2014 1TEM survey blocks were also completed, and the 1TEM survey grid was extended to match the area covered by the 2015 grids, totaling 3,402 1TEM line kms flown that year. At Hanging Glacier, four diamond drill holes were completed towards the northwest to test areas where high-grade gold and copper mineralization were identified through prospecting and surface sampling.

Between 2017 and 2019, prospecting, geological mapping, as well as rock and soil sampling was completed at Hanging Glacier. Results were successful in identifying a broad gold anomaly from soil samples as well as high-grade surface grabs assaying up to 300 g/t Au.

#### 6.0 Geological Setting and Mineralization

#### 6.1 Regional Geological Setting

The Brucejack Property is located in the western Stikine terrane (Stikinia), the largest of several allochthonous terranes in the Intermontane Belt of the Canadian Cordillera (Nelson and Colpron, 2007) (Fig. 3). Stikinia, which is considered to be a multistage mid-Palaeozoic to Middle Jurassic island arc terrane that developed in an intra-oceanic setting isolated from the North American continental margin (Nelson and Colpron, 2007; Nelson and Kyba, 2013), underlies much of western BC. Stikinia appears to have been accreted to the North American continental margin as early as the late Middle Jurassic (ca. 173 Ma).

The Stikine terrane in northwestern BC consists of a series of unconformity-bound tectonostratigraphic elements (MacDonald et al., 1996; Evenchick et al., 2010; Gagnon et al., 2012; Barresi et al., 2015a; Barresi et al., 2015b), including:

- Paleozoic island-arc rocks of the Stikine assemblage
- Mesozoic island-arc rocks of the Upper Triassic Stuhini Group and the Lower to Middle Jurassic Lowe Hazelton Group
- Middle to Upper Jurassic overall assemblage sedimentary rocks of the Bowser Lake Group
- Tertiary igneous and metamorphic rocks of the Coast Plutonic Complex occur to the west of the Stikine terrane in this area.

At least four magmatic episodes and three mineralizing events have been recognized in northwestern Stikinia (Thorkelson et al., 1995; Anderson et al. 2003; Cutts et al., 2015):

- Late Triassic to Early Jurassic (205 to 196 Ma) alkaline porphyry-related magmatism and associated deformed mesothermal silver-gold veins (e.g. Red Mountain, KSM)
- Early Jurassic (196 to 187 Ma) alkaline porphyry-related epithermal and mesothermal gold-silver veins and base and precious metal deposits (e.g. Premier, Sulphurets, and Bronson Creek)
- Early to Middle Jurassic (184 to 182 Ma) small and poorly mineralized porphyry intrusions
- Middle Jurassic (175 to 172 Ma) calc-alkaline and tholeiitic back-arc magmatism and syngenetic to epigenetic back-arc basin-related stratabound base and precious metal deposits (e.g. Eskay Creek, RDN).

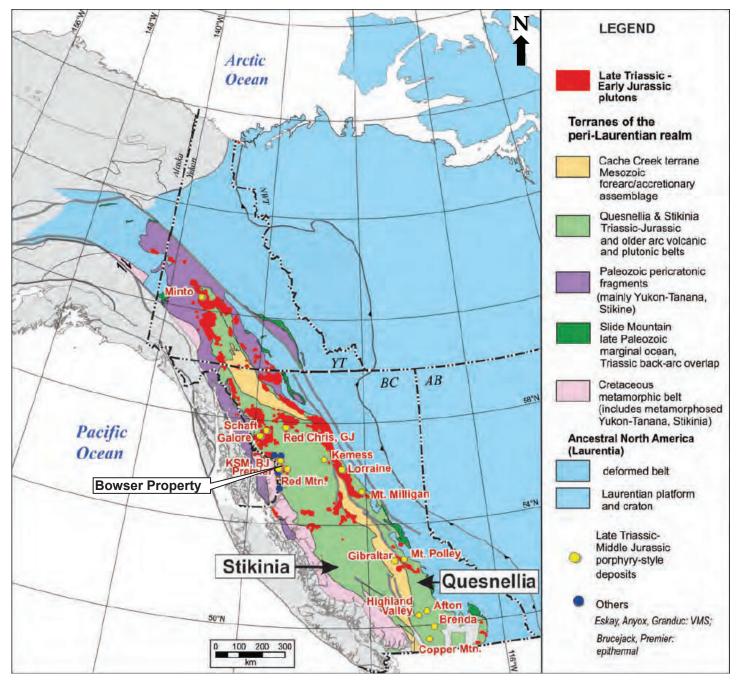


Figure 3. Tectonic setting of the Bowser Property in the northwest Canadian Cordillera. From Nelson and Kyba (2014).

The northwest part of Stikinia (in particular the volcanic and sedimentary rocks of the Hazelton Group) and related Early Jurassic plutons, represent perhaps the most well-endowed metallogenic assemblage in BC (Fig. 4) (Alldrick, 1993; Alldrick et al., 2004). In addition to the Brucejack and Snowfield deposits, this area also includes nearby former producers such as Eskay Creek, Snip, Silbak-Premier, Big Missouri, Dolly Varden, Torbrit, Granduc, and Anyox (Fig. 8). Furthermore, adjacent properties host significant precious and base metal resources (e.g. Kerr-Sulphurets-Mitchell-Iron Cap (KSM), and Red Mountain deposits), as well as a number of high-potential mineral occurrences (e.g. Homestake Ridge, Silver Coin, Red Cliff, Clone, and Electrum Properties). The Brucejack, Snowfield, Eskay Creek, KSM deposits and surrounding area comprise what is commonly referred to as the Iskut-Sulphurets gold camp.

Several major compressional tectonic events affected rocks of the Stikine terrane in northwestern BC throughout the Mesozoic. The earliest event in the Late Triassic to Early Jurassic affected Palaeozoic and Triassic rocks of the Stikine assemblage and Stuhini Group. A second, younger event in the Late Jurassic through Late Cretaceous, which has been associated with accretion of the outboard Insular terranes west of the Coastal Plutonic Complex and the formation of the Skeena Fold Belt, resulted in widespread predominantly east-verging fold and thrust deformation of rocks in western Stikinia.

#### **6.2** Local Geology and Stratigraphy

Details of the local geology of the Iskut-Sulphuret gold camp in northwestern BC presented in this section are partly drawn from existing literature, including Kirkham (1963), Britton and Alldrick (1988), Alldrick and Britton (1988, 1991), Anderson (1989), Anderson and Thorkelson (1990), Kirkham (1991, 1992), Henderson et al. (1992), Roach and MacDonald (1992), Margolis (1993), Davies et al. (1994), Kirkham and Margolis (1995), Childe (1996), Macdonald et al. (1996), Lewis et al. (2001), Evenchick et al. (2007), Evenchick et al. (2010), Armstrong et al. (2011), Gagnon et al. (2012), Lewis (2013), Cutts et al. (2015) and from work conducted by Pretium's geologists.

The Brucejack/Snowfield Property, as well as the Bowser Property, and KSM resources, are located on the eastern limb of the broad McTagg anticlinorium, a major north-trending mid-Cretaceous structural culmination in the western Skeena Fold Belt (Lewis 2013; Nelson and Kyba, 2013). The Eskay Creek deposit is found on the western limb of the McTagg anticlinorium. Sedimentary and volcanic rocks of the Upper Triassic Stuhini Group form the core of the anticlinorium, and are successively replaced outwards towards the west, north, and east of the core by progressively younger rocks of the Lower to Middle Jurassic volcanic and lesser sedimentary rocks of the Hazelton Group, followed by sedimentary

rocks of the Bowser Lake Group. The local geology map is shown in Figure 5 and a stratigraphic section is shown in Figure 6.

The Triassic-aged Stuhini Group underlies the western extent of the Bowser and Brucejack Properties and is characterized by fine-grained and well-stratified sedimentary rocks and subordinate mafic volcanic arc-related rocks. The sedimentary package includes dark grey turbiditic siltstone, minor interbedded micritic limestone, and thick sequences of immature conglomerate and sedimentary breccia. Mafic volcanic rocks in this unit include alkalic pyroxene- and hornblende-phyric massive and pillowed basaltic flows, flow breccia, and tuff.

The western and central parts of the Bowser Property are largely underlain by subaqueous to locally sub-aerial, arc-related volcanic, and subordinate sedimentary rocks of the lower Hazelton Group, which unconformably overlie the Stuhini Group. The lowermost unit of the lower Hazelton Group, the lower Jurassic Jack Formation, is characterized by polylithic pebble to boulder conglomerate and limy fossiliferous sandstone and siltstone. The Jack Formation appears to be conformably overlain by the volcanic rocks of the lower Hazelton Group, locally referred to as the Unuk River Member and Brucejack Lake Member, which generally consist of thick massive plagioclase (± hornblende, K-feldspar, and pyroxene)-phyric andesitic and dacitic flows, breccias, and related pyroclastic fragmental rocks, with subordinate mafic and felsic rocks and minor siltstone and mudstone layers. Age dates from the lower Hazelton Group have been constrained to 194 Ma to 185 Ma (Lewis 2013).

These lower Hazelton Group rocks are overlain by well-bedded green, maroon, and grey andesitic to dacitic pyroclastic and epiclastic rocks, mafic flows, and minor carbonaceous mudstone, chert, and limestone of the Betty Creek Formation. The Betty Creek Formation rocks are extensive across the Bowser Property claim area.

The upper Hazelton Group, referred to locally as the Iskut River Formation, occurs through the central and eastern parts of the Bowser Property. The Formation includes bimodal volcanics, as well as porphyritic intrusions and debris flows. The Iskut River Formation is capped by black carbonaceous pyritic mudstone interbedded with a light and dark banded tuffaceous siltstone, which are distinct in the region and referred to as the Quock Member (formerly known as the "pyjama beds"). Locally, the base of the Quock Member includes well sorted sandstone and conglomerate beds. The Iskut River Formation volcanics range from 178 Ma to 172 Ma (Lewis 2013). Fossil dating of the Quock Member have placed the youngest age around 168 Ma (Gagnon et al. 2012). The Iskut River Formation's Quock Member is a very important tool for exploration, as it is an excellent marker horizon and its lower contact with bimodal volcanics is the main massive sulphide host to the high-grade polymetallic ore at Eskay Creek.

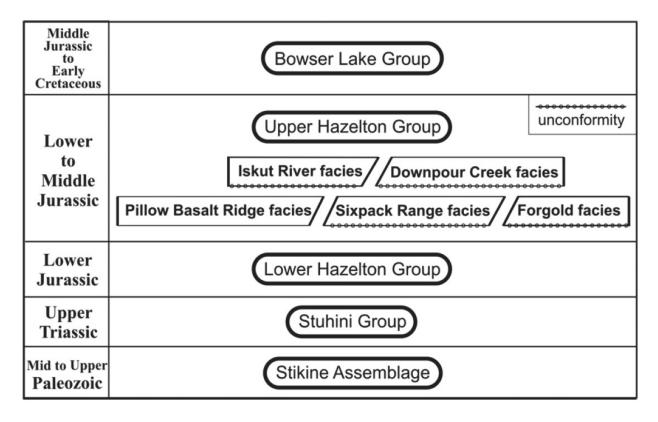


Figure 6: Schematic regional stratigraphy in the Bowser Property area. From Alldrick et al. (2004).

Rocks of the Middle to Upper Jurassic Bowser Lake Group, which are generally characterized by clastic basin-fill sediments including submarine fan, prodelta slope, shelf, and fan delta sedimentary assemblages, are found along the eastern limits of the Bowser property, with small local pendants scattered through the centre. These rocks display conformable to unconformable relationships to the underlying Hazelton Group rocks.

Paleogene mafic and felsic dykes are also common across the Bowser Property and are likely related to those of the bimodal Portland Canal dyke swam found south of the property, dated around 50 Ma (Green, Greig & Friedman 1995).

#### 6.3 Structural Setting and Metamorphism

Rocks of the Sulphurets-Iskut gold camp have been affected by folding, faulting, penetrative cleavage formation, late stage quartz vein formation, and low-grade lower greenschist facies (or lower) regional metamorphism. Rocks of the Stuhini Group were subjected to intense ductile deformation during the Late Triassic to Early Jurassic prior to the deposition of the Hazelton Group rocks. Ductile deformation during the Late Jurassic to Late Cretaceous development of the Skeena Fold Belt resulted in

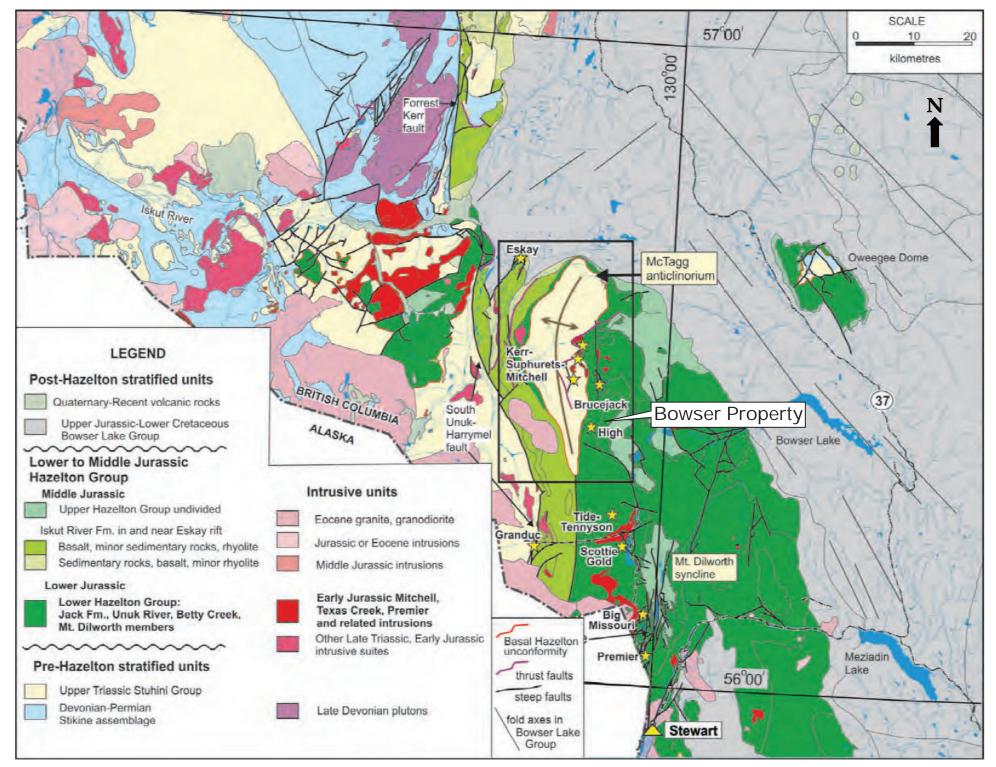


Figure 4. Regional geology map showing significant mineral deposits in the district. From Nelson and Kyba (2014).

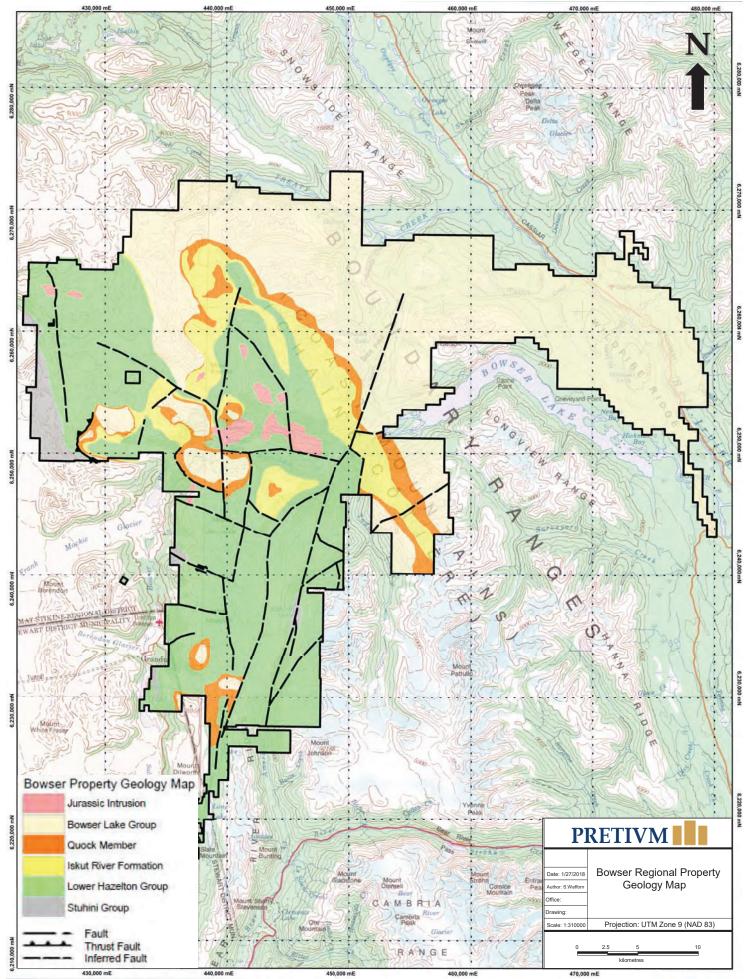


Figure 5. implified geology map for the owser roperty.

the formation of the major structural culmination of the McTagg anticlinorium and associated fold and thrust structures that affected the Stuhini Group through Bowser Lake Group rocks in the Sulphurets-Iskut gold camp.

Penetrative cleavage (foliation) development was associated with the Late Jurassic to Late Cretaceous event and affected most of the altered and unaltered rocks in the area, where host rock mineral assemblage (i.e. the presence and concentration of phyllosilicates in the rock) permitted its development. Age dating (argon-argon) of sericite within pressure shadows about pyrite provide a minimum age for this deformation at  $110 \pm 2$  Ma.

Development of the McTagg anticlinorium effectively exposed older pre-Iskut River Formation rocks in the Sulphurets-Iskut gold camp. Rocks of the Hazelton Group and Bowser Lake Group, which are located on the eastern limb of the north-plunging anticlinorium, display moderate to steep dips towards the southeast, east, and northeast, indicative of an overall eastward tilting of the original strata and porphyry associated mineralization in this area as a result of the Late Jurassic to Late Cretaceous deformation event.

Rocks on the Brucejack Property were subjected to, at most, lower greenschist facies metamorphism characterized by epidote, calcite, quartz, and chlorite, and the absence of biotite, hornblende, and actinolite in andesitic volcanic rocks and sedimentary rocks outside of the areas of hydrothermal alteration.

#### 7.0 August 6th to October 3, 2020 Diamond Drill Program

Sixteen drill holes were collared on the Brucejack Property from August 13 to October 2, 2020, for a total of 5,409.06 meters (Table 2). Exploration activities focused on epithermal-style gold mineralization at the Hanging Glacier zone where drilling tested soil anomalies in the area with assays up to 3.21 g/t gold and followed up on mineralization previously intersected during the 2015 drill program.

Two fly capable TECH 5000 diamond drill rigs, owned and operated by Hy-Tech Drilling Ltd. of Smithers, B.C., were used for this exploration program. The program started with one drill on August 13<sup>th</sup> and second drill beginning on August 17<sup>th</sup>. The first drill finished September 4<sup>th</sup> and the second drill on October 2<sup>nd</sup>. All holes were drilled with HQ rods. The drills operated 24 hours per day with 2-man crews on 12 hour shifts. The drills were accessible by helicopter only. Two B3 helicopters, owned and operated by Yellowhead Helicopters Ltd. of Valemount, B.C., were based at Knipple Camp and Bell II and used to

move the rig and transport crews, fuel, supplies, and core. Rugged Edge Holdings Ltd. of Smithers, B.C. was responsible for the construction and tear-down of all drill pads.

Knipple Camp was the primary base providing accommodations for the drill crew, pad builders, helicopter crew, geologists, and geotechnicians, although at the beginning of the program temporary accommodations were provided for the drill crews and pad builders at Bell II. Office and core logging facilities were provided at the Bowser West Core Logging Facility. The geologists, geotechnicians, and logistics coordinators were hired and employed by Pretium Exploration Inc.

The results of the exploration program are detailed below. Drill hole sections are provided in Appendix I, drill logs are in Appendix II, and assay certificates are in Appendix II.

**Table 2. Drill hole collar information** 

	Easting	Northing					Core	Drill		Drill
Hole ID	<b>NAD 83</b>	NAD 83	Elevation	Azimuth	Dip	Depth	Size	Rig	Drill Started	Completed
BR-112	424863	6260800	1312	268.5	-50.1	348.0	HQ	Н2	13 Aug 2020	16 Aug 2020
BR-115	424864	6260800	1314	269	-64.9	453.8	HQ	НЗ	17 Aug 2020	21 Aug 2020
BR-116	423831	6261074	979	219.7	-77.1	356.4	HQ	Н2	16 Aug 2020	21 Aug 2020
BR-117	423652	6261448	1014	295.8	-75.5	358.1	HQ	Н2	21 Aug 2020	25 Aug 2020
BR-118	425047	6260832	1395	226.6	-45.5	421.2	HQ	НЗ	21 Aug 2020	25 Aug 2020
BR-120	424625	6261129	1254	227.8	-44.6	316.4	HQ	Н2	26 Aug 2020	30 Aug 2020
BR-121	424945	6260995	1351	230.4	-46.7	490.4	HQ	НЗ	26 Aug 2020	31 Aug 2020
BR-122	424628	6261133	1255	230	-65.1	279.18	HQ	Н2	30 Aug 2020	4 Sep 2020
BR-123	424946	6260995	1351	230.6	-64.7	215.78	HQ	НЗ	1 Sep 2020	3 Sep 2020
BR-125	424785	6260861	1301	216.1	-58.1	229.5	HQ	НЗ	4 Sep 2020	5 Sep 2020
BR-127	424682	6261007	1262	228	-44	385.9	HQ	НЗ	6 Sep 2020	11 Sep 2020
BR-130	424603	6260709	1234	220.9	-44.9	319	HQ	НЗ	11 Sep 2020	15 Sep 2020
BR-133	424861	6260602	1328	229.5	-45.3	241	HQ	НЗ	15 Sep 2020	20 Sep 2020
BR-136	424811	6261308	1299	225.6	-44.7	332	HQ	НЗ	20 Sep 2020	24 Sep 2020
BR-139	424812	6261309	1301	225.6	-65.9	341.6	HQ	НЗ	24 Sep 2020	28 Sep 2020
BR-142	424509	6260958	1202	224.1	-45.8	320.8	HQ	НЗ	28 Sep 2020	2 Oct 2020

#### 7.1 Hanging Glacier

The 2020 drill program at Hanging Glacier was designed to follow up on the results of a 2015 drill program and test areas where anomalous gold was identified through soil and surface sampling. Sixteen holes were collared across the South Hanging Glacier Zone for a total of 5409.06 meters (Figure 7). Significant assay results are described below and in Table 3 and all assay results can be found in Appendix III.

BR-112 and BR-115 were drilled off the same pad, located near the edge of the tree line on the eastern side of the zone. Both holes collared into a mafic lapilli tuff and tuff breccia exhibiting moderate to strong phyllic alteration with intervals of intense silicification and lesser moderate patchy to mottled epidote alteration. Pyrite mineralization occurs throughout as fine-grained disseminations and bands and increases in areas of intense silicification. At depth both holes intersected a moderately phyllic and epidote altered mafic crystal tuff with up to 15% feldspar and rare lapilli. Pyrite mineralization increases up to 5 to 8% as bands and aggregates in areas of intense silicification.

Between 198m to 200m depth hole BR-112 intersected an interval of 10% quartz-calcite veining containing thin seams and clots of pyrargyrite and lesser sphalerite, sooty fine-grained pyrite, and trace blebs of gold-rich electrum. Between 200m and 348 m veining decreases to 1 to 5% veining throughout with trace to minor sphalerite and galena occurring as small blebs in veins. Significant assay results from BR-112 are described in Table 3.

BR-116 was drilled 1 km west of the main zone to follow up on high-grade gold assays collected from surface samples. The hole collared into plagioclase-phyric porphyritic intrusion with weak to moderate sericite alteration and patchy intervals of moderate silicification. Between 43m and 139m depth the hole intersected a bedded andesitic lapilli tuff with fine-ash tuff interbeds and moderate pervasive silicification with 1% disseminated pyrite. The porphyry was intersected at depth again for another 100m before ending in the andesite tuff.

BR-117 was drilled 400m northwest of BR-116 and collared into 263m thick interval of a plagioclase-phyric porphyritic intrusion with weak chlorite alteration and silicification increasing in intensity downhole. From 263 m to 358 m the hole intersected a strongly silicified and moderately carbonate altered andesitic ash tuff with trace to minor disseminated pyrite and minor thin quartz-carbonate veining. Between 127.5 and 129m the hole intersected 1.57 g/t gold and 839 ppm zinc with sphalerite mineralization observed in thin disarticulated quartz-carb veins.

BR-118 is the most easterly hole drilled at Hanging Glacier and was located on small rocky bluff above the tree line. The hole collared into a thick 236m interval of moderately silicified and weakly chlorite altered andesitic tuff. The unit contains patchy intermittent potassic alteration below 60m as well as moderately disseminated pyrite and pyrrhotite, with trace sphalerite in quartz veins. The bottom half of the hole intersected a fine-grained silicified ash tuff with patchy chlorite-sericite-epidote alteration and brecciated quartz-carbonate veins containing minor pyrite and trace sphalerite and galena. Between 312 to 313.5 m the hole intersected 7.13 g/t gold and 1500 ppm zinc with 1% arsenic in a strongly silicified zone with fine-grained pyrite stringers and 5% quartz-carbonate veining.

BR-120 and BR-122 were drilled to the northeast of the South Hanging Glacier zone. Both holes collared into a 114 to 147 meter thick succession of interbedded andesitic lapilli tuff and ash tuff with weak to moderate sericite and chlorite alteration. Below the andesite tuff, both holes intersected a variably altered mafic lapilli tuff containing 1 to 5 % disseminated pyrite as well pyrite stringers and aggregates. Up to 5% magnetite was observed in BR-120 over a 200m interval within the mafic tuff. Boths intersected mafic dikes that cross-cut the mafic lapilli tuffs at depth. The majority of the holes contain low-grade gold mineralization between 0.1 g/t and 0.5 g/t throughout. Significant intercepts for BR-120 include 11.35 g/t gold over 1.5 m and 3.62 g/t Au over 1.5 m. BR-122 intersected 2.8 g/t gold over 1.5 between 111.5 and 113.0 m.

BR-121 and BR-123 were drilled off the same pad 200m northwest of hole BR-112 and drilled to the south towards the zone of previously identified gold mineralization. BR-121 intersected 192 m of weak to moderately phyllically altered coarse ash tuff with 3 to 4 % disseminated and banded pyrite mineralization. At depth the hole intersected a 300m thick mafic lapilli tuff with moderate pervasive chlorite alteration and preferential sericite and silica alteration of lapilli. Pyrite mineralization occurs throughout with up to 4% as disseminations as well as multiple bands of semi-massive fine-grained pyrite. Minor gold was intercepted near the top of hole up to 2.4 g/t. BR-123 was drilled at a steeper angle and collared into 174m thick, weak to moderately phyllically altered coarse ash tuff which overlies 45m of mafic lapilli tuff. The hole intersected minor sphalerite and galena mineralization between 184 and 188 m with disseminated fine-grained anhedral pyrite up to 2%. BR-123 did not intersect any significant precious metals.

BR-125 was planned as a 100 meter step-out to the northwest from hole BR-112 determine the extents of the mineralization. The hole collared into a moderately silicified mafic lapilli tuff with weak to moderate patchy chlorite, sericite, and epidote alteration. The hole contained up to 5% disseminated subhedral to euhedral pyrite mineralization throughout as well as pyrite replaced lapilli. Minor quartz-carbonate veins are generally unmineralized and rarely contain trace pyrite and sphalerite mineralization.

The hole was unsuccessful in extending the mineralization observed in BR-112 with few gold intercepts up to 0.8 g/t gold.

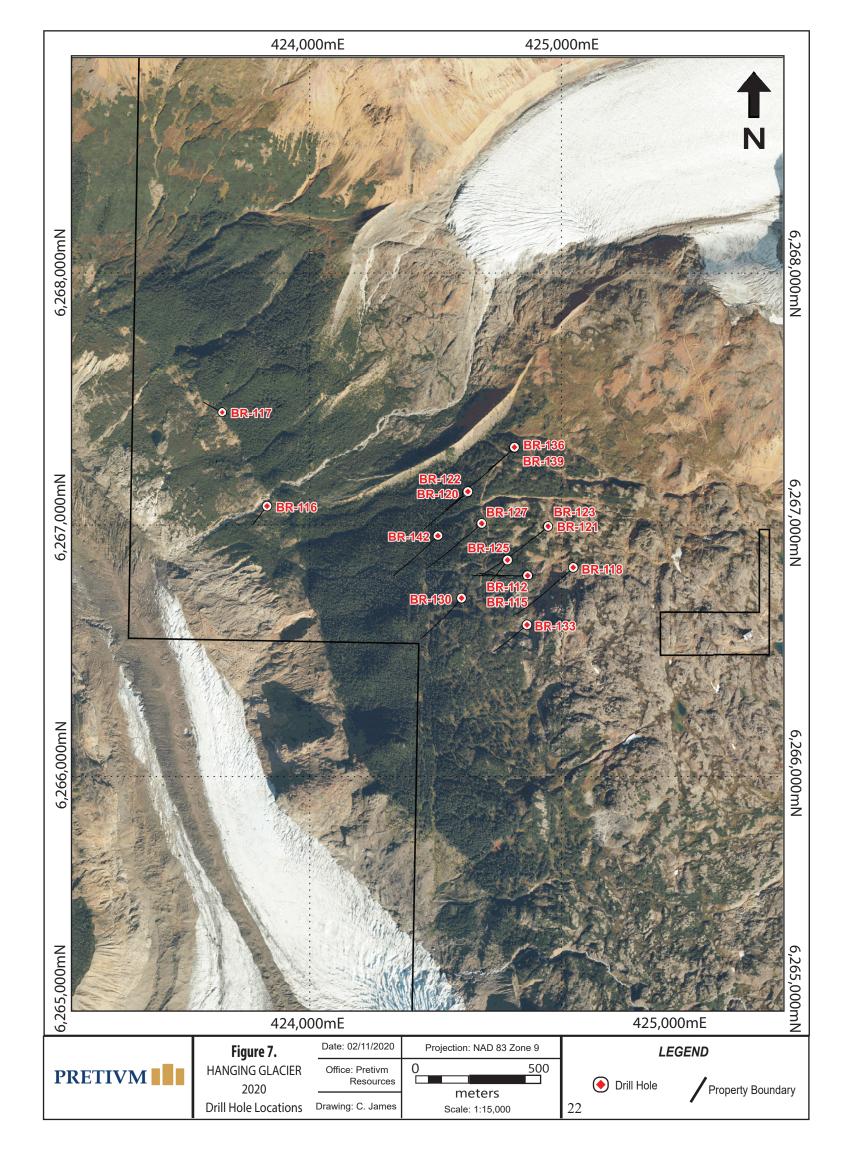
BR-127 is located 180 m northeast of BR-125 and collared into a mafic lapilli tuff with weak to moderate epidote alteration and weak chlorite and silica alteration. Multiple large fault zones up to 8 m wide were intersected between surface and 195 m depth. Trace to 5% disseminated pyrite occurs throughout increasing downhole. Minor sphalerite and trace chalcopyrite mineralization occur in thin quartz carbonate veins near the end of hole. Significant gold intercepts include 4.15 g/t gold over 1.5 meters between 306.0 m and 307.5 m.

BR-130 collared into a weakly epidote and chlorite altered mafic lapilli tuff and continued through the unit to the end of hole at 319m. One pervasively silicified small mafic dike was intersected at 95m and contained traces of pyrite, sphalerite and galena mineralization. The hole intersected minor disseminated and stringer pyrite mineralization throughout with multiple low-grade gold intercepts up to 3.4 g/t gold between 10 and 85.0 m depth.

BR-133 was drilled along the southern extent of the South Hanging Glacier zone and collared into a weakly chlorite and epidote altered mafic lapilli tuff with a gradational contact between an underlying bedded mafic ash tuff. Below the ash tuff the hole intersected mafic lapilli tuff until the end of hole at 319 meters. Fine-grained subhedral to euhedral disseminated pyrite and trace disseminated pyrrhotite mineralization occur throughout with minor pyrite occurring in thin quartz-calcite veinlets. One interval of brecciated calcite veining occurs between 103 and 116m with minor fe-rich sphalerite and trace galena and rare sulfosalt mineralization. The hole did not intersect any significant precious or base metals.

BR-136 and BR-139 were drilled off the same pad to north and both holes collared into a 300 meter thick succession of andesitic ash tuff with minor intervals of interbedded lapilli tuff. Both holes contained pervasive to patchy chlorite and phyllic alteration throughout with minor disseminated pyrite. At depth both holes intersected a bedded mafic ash tuff with moderate chlorite and sericite alteration with moderate disseminated pyrite. Minor thin planar and disarticulated quartz-calcite veins occur throughout and rarely contain subhedral to euhedral pyrite mineralization as blebs in vein. Trace chalcopyrite mineralization was observed in hole BR-139 within quartz-calcite veinlets. Minor low-grade gold was intercepted in both holes and hole BR-139 intercepted 5.16 g/t gold hosted in a fine-grained pyrite band with calcite veining between 102.5 and 104.0 m.

BR-142 is located downslope to the east 300 meters below the tree line. The hole collared into a thick succession of interbedded mafic lapilli tuff and ash tuff with moderate patchy chlorite and sericite



alteration and moderate to strong pervasive silicification. An intense zone of silicification occurs between 248 m and 285 m depth. Fine-grained subhedral to euhedral disseminated pyrite and pyrite stringers occur throughout with intermittent intervals of magnetite mineralization. The unit contains 1-2% quartz-calcite veins which are generally thin and discontinuous and occasionally contain pyrite blebs. Multiple low-grade gold intercepts up to 1 g/t occur throughout.

Table 3. Significant intercepts from Hanging Glacier Drilling

Hole ID	From (m)	To (m)	Length (m)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)
BR-112	198.9	199.9	1.0	8.97	5150	0.002	0.07	0.14
BR-117	127.5	129.0	1.5	1.57	4.77	0.007	0.013	0.08
BR-118	312	313.5	1.5	7.13	3.82	0.014	0.028	0.15
BR-120	49.5	51.0	1.5	11.35	8.91	0.041	0.003	0.015
and	52.5	54.0	1.5	3.62	5.03	0.032	0.002	0.009
and	48.0	49.5	1.5	2.99	5.05	0.038	0.005	0.01
BR-122	111.5	113	1.5	2.8	1.95	0.027	0.002	0.011
and	128	129.5	1.5	2.47	1.12	0.036	0.001	0.014
BR-127	306.0	307.5	1.5	4.15	3.3	0.009	0.016	0.06
BR-130	46.5	48.0	1.5	3.42	0.71	0.005	0.0006	0.003
BR-139	102.5	104.0	1.5	5.16	3.72	0.032	0.0042	0.052

#### 7.2 Sampling Methodology and QAQC

All core was examined by a geologist for lithological boundaries, significant mineralization, structures, veining, and alteration. These observations were entered into a company database, along with geotechnical measurements. Prior to sampling, each box of core was photographed to keep a visual

record. The entirety of each hole was sampled at 1.5 m intervals, although sample length adjustments were made such that intervals did not cross lithological boundaries or significant mineralization. Exceptions were also made for mineralized veins, in which case sample the length was set at 50 centimeters. Core was oriented and cut in half with electric core saws, with the adjoining halves placed in the sample bag each time to avoid any visual biases. Plastic poly-ore bags were used for the core samples, with each bag numbered with a unique lab sample tag and sealed with a zip-tie.

Sterile/blank material (crushed limestone landscaping material) alternating with laboratory standards of eight different metal concentrations, were added to the sample run every 10<sup>th</sup> interval. In addition to this, duplicates were completed internally at the laboratory every 20<sup>th</sup> core sample by taking a second 1 kilogram split after crushing. In order to ensure there were no contamination issues at the lab, blank samples were also added immediately after every high-grade Au interval, specifically where visible electrum was observed. A QA/QC review of all assay data was completed in order to request re-runs if standards, blanks, or duplicates failed. All assay data was found to be of good quality.

In total 3,668 core samples were submitted to the lab, with an additional 601 blanks, standards and duplicates submitted, for a total of 4,269 analyses completed (Appendix III for assay certificates). All samples were bagged in rice sacks labelled with unique sample tracking numbers at Bowser West Camp. The rice sacks were placed into a canopied truck bed for daily transport to Terrace, B.C., where they were received by the ALS Laboratories facility. Each sample was analyzed using a four acid digestion 48 element ICP package (ME-MS61) and gold by fire assay and atomic absorption spectroscopy with a 30 gram pulp (Au-AA23). In addition to this, a handheld X-ray fluorescence (XRF) analyzer was used at the lab on each sample pulp to provide results for three valuable lithological elements: Si, Ti, and Zr (pXRF-34). All samples are weighed and crushed to 2mm. From this crush a 1 kg split was collected and pulverized to 75 microns for analysis. ALS Laboratory certificates are included in Appendix III.

#### 8.0 Recommendations

The drilling program was successful in identifying broad intervals of low-grade gold mineralization hosted in disseminated pyrite and epithermal-style quartz-carbonate veins. Future drilling should focus on stepping out from the zones where gold mineralization was intersected to determine the lateral extents of the system. Additional prospecting and soil sampling should be completed in the area to broaden the geochemical database and assist future drill planning. Additionally, detailed geophysical surveys across the Hanging Glacier zone is recommended to help identify underlying structures and aid in drill hole targeting.

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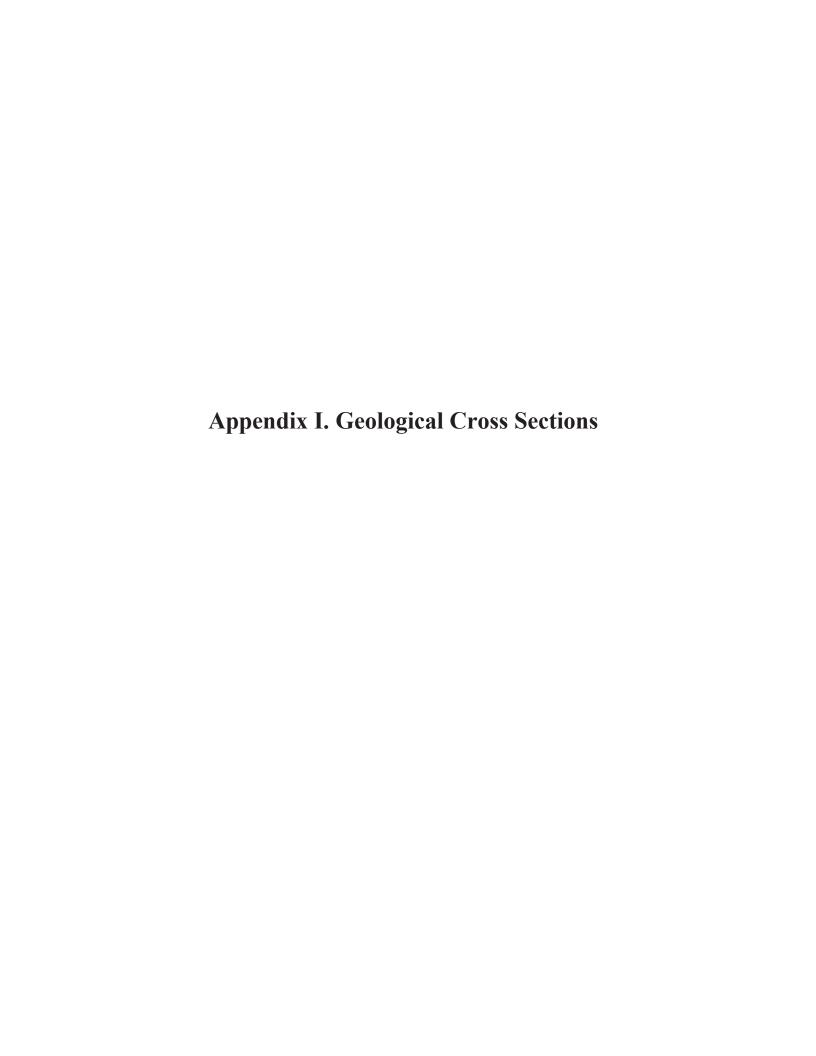
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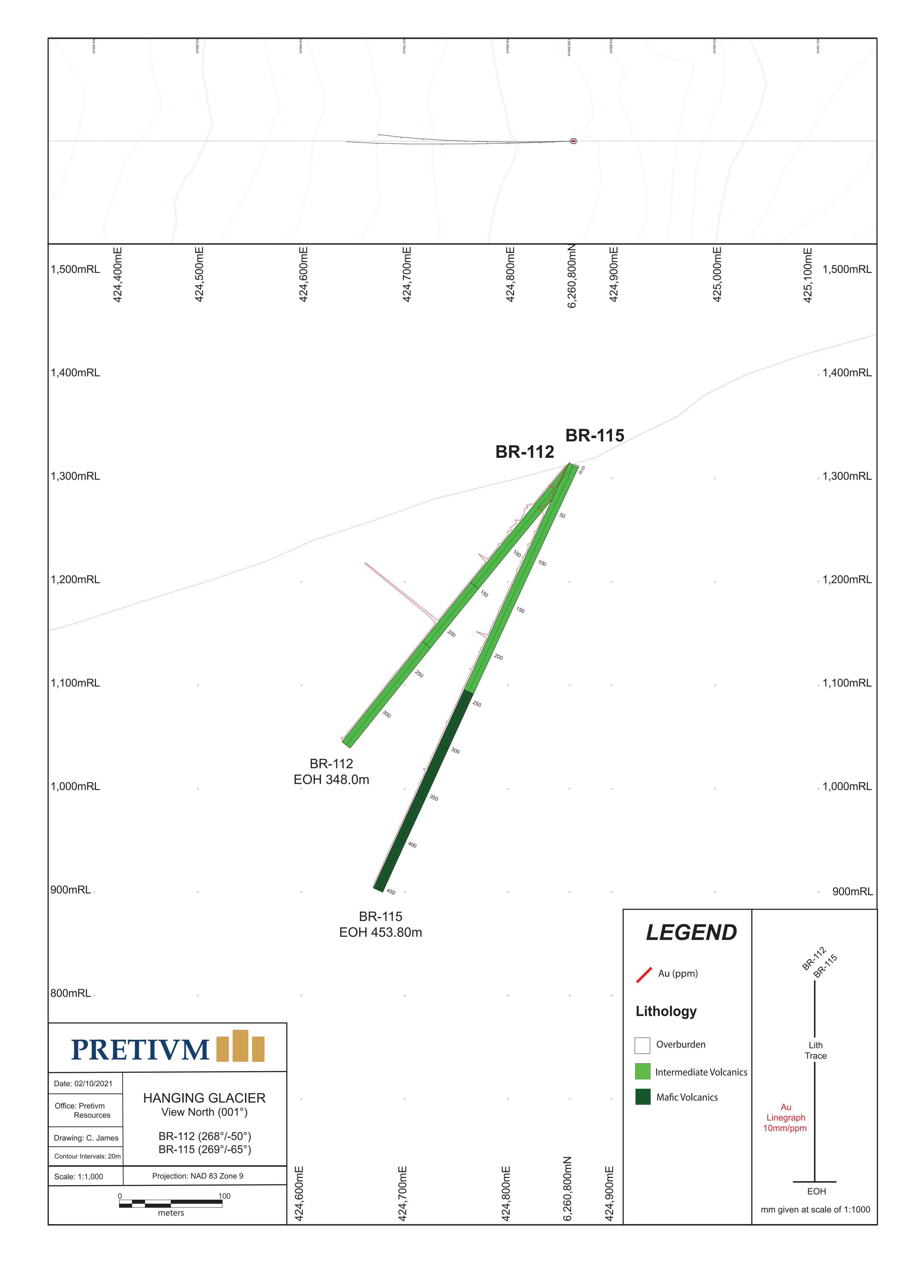
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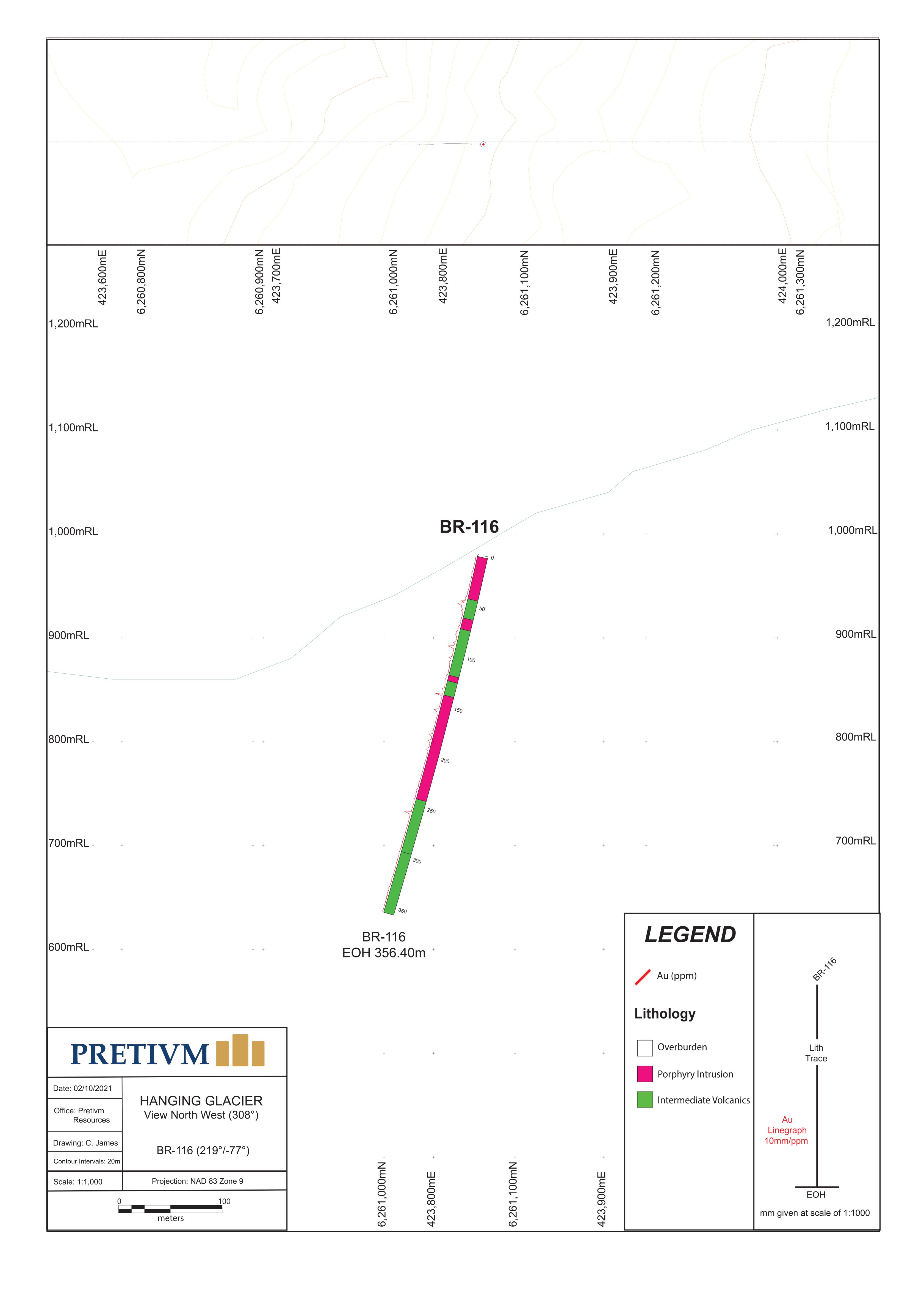
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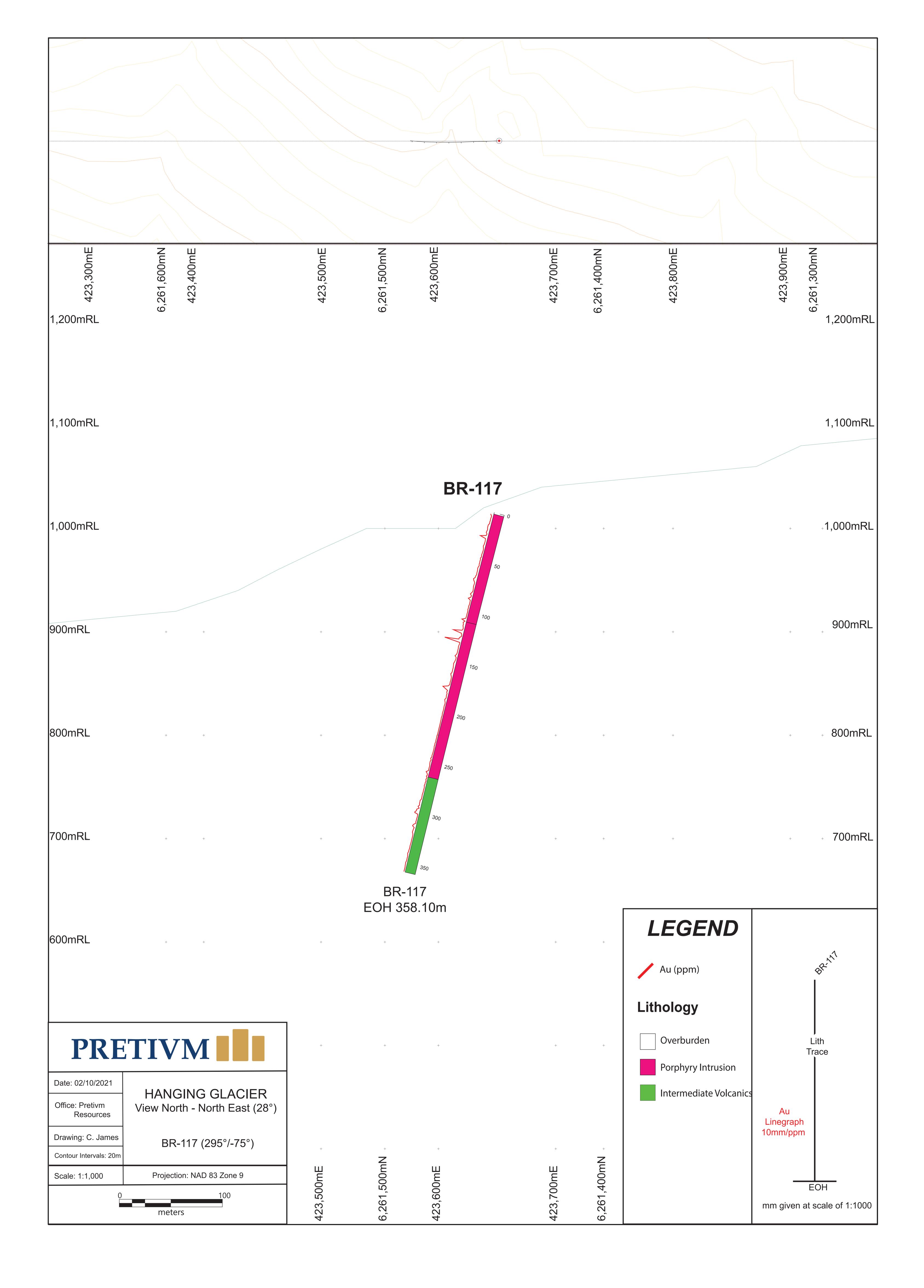
Wafforn, S.W., 2017b. Geological, Geochemical, and Prospecting Program, September 12 to October 12, 2017, on the Bowser Property: Unpublished Assessment Report on behalf of Pretium Exploration; British Columbia Ministry of Energy and Mines, No. 37435, 42 pp.

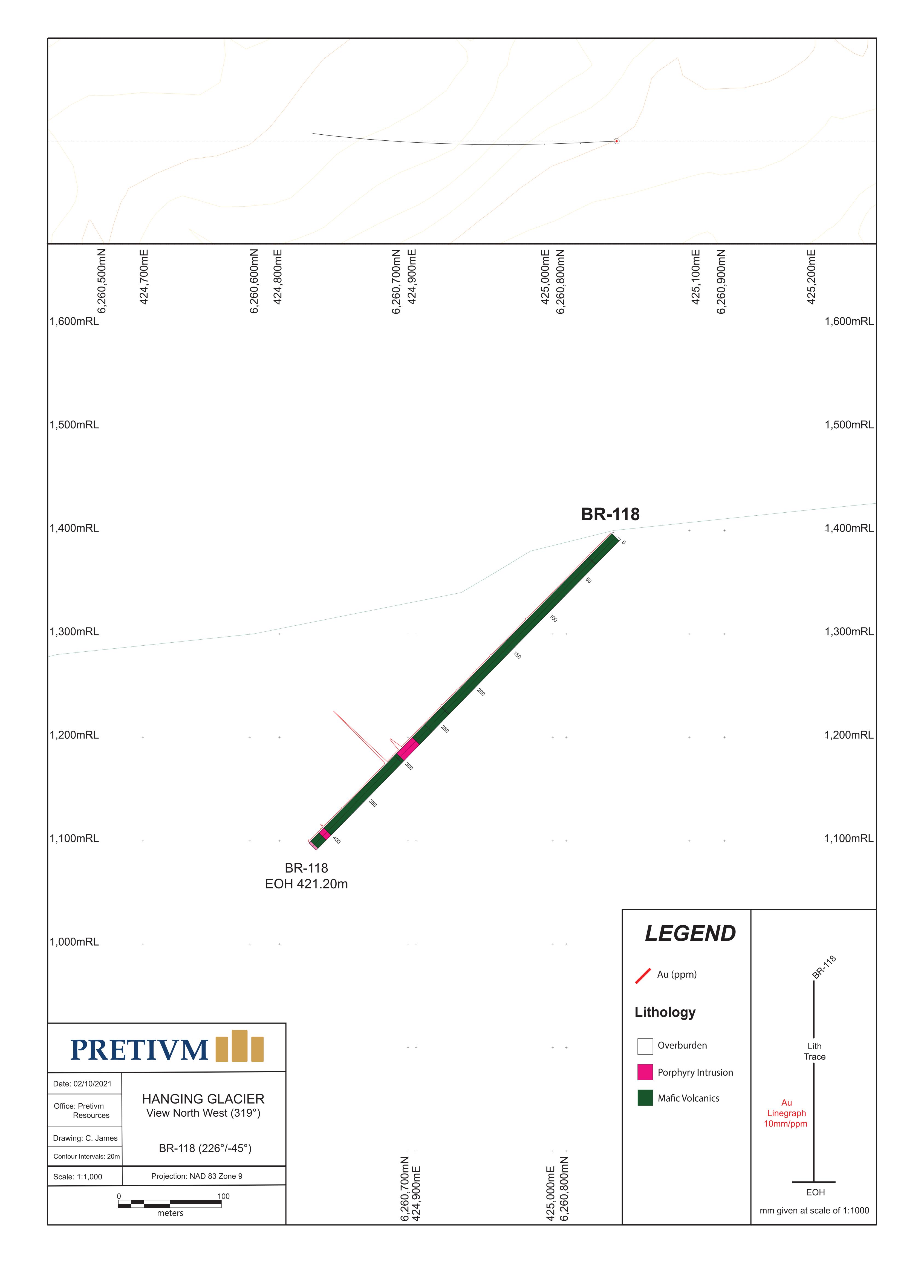
Wafforn, S.W., 2018. Diamond drilling Report on the 2018 Bowser Property Exploration Program: Unpublished Assessment Report on behalf of Pretium Exploration; British Columbia Ministry of Energy and Mines, No. 5731317, 44 pp.

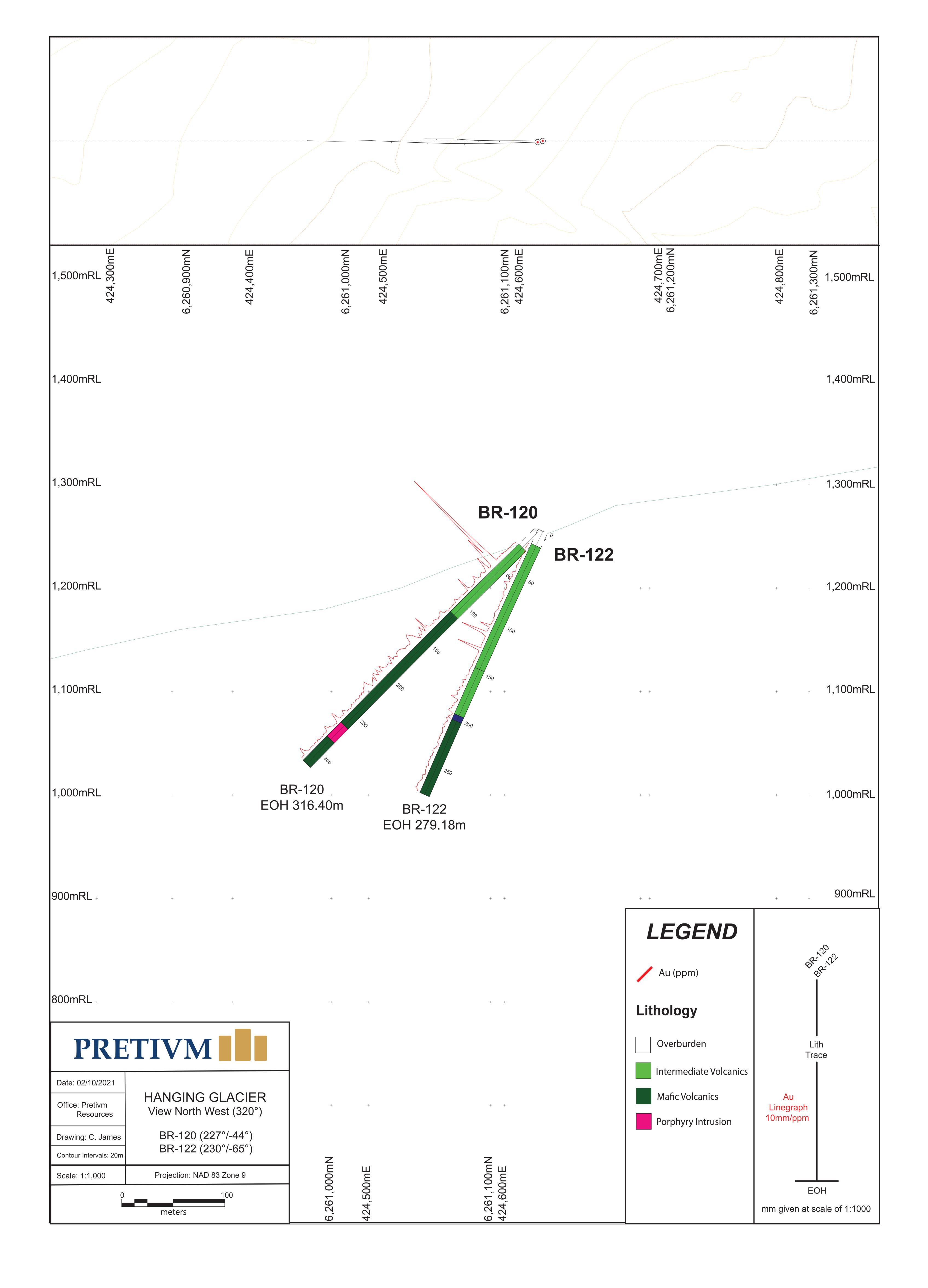


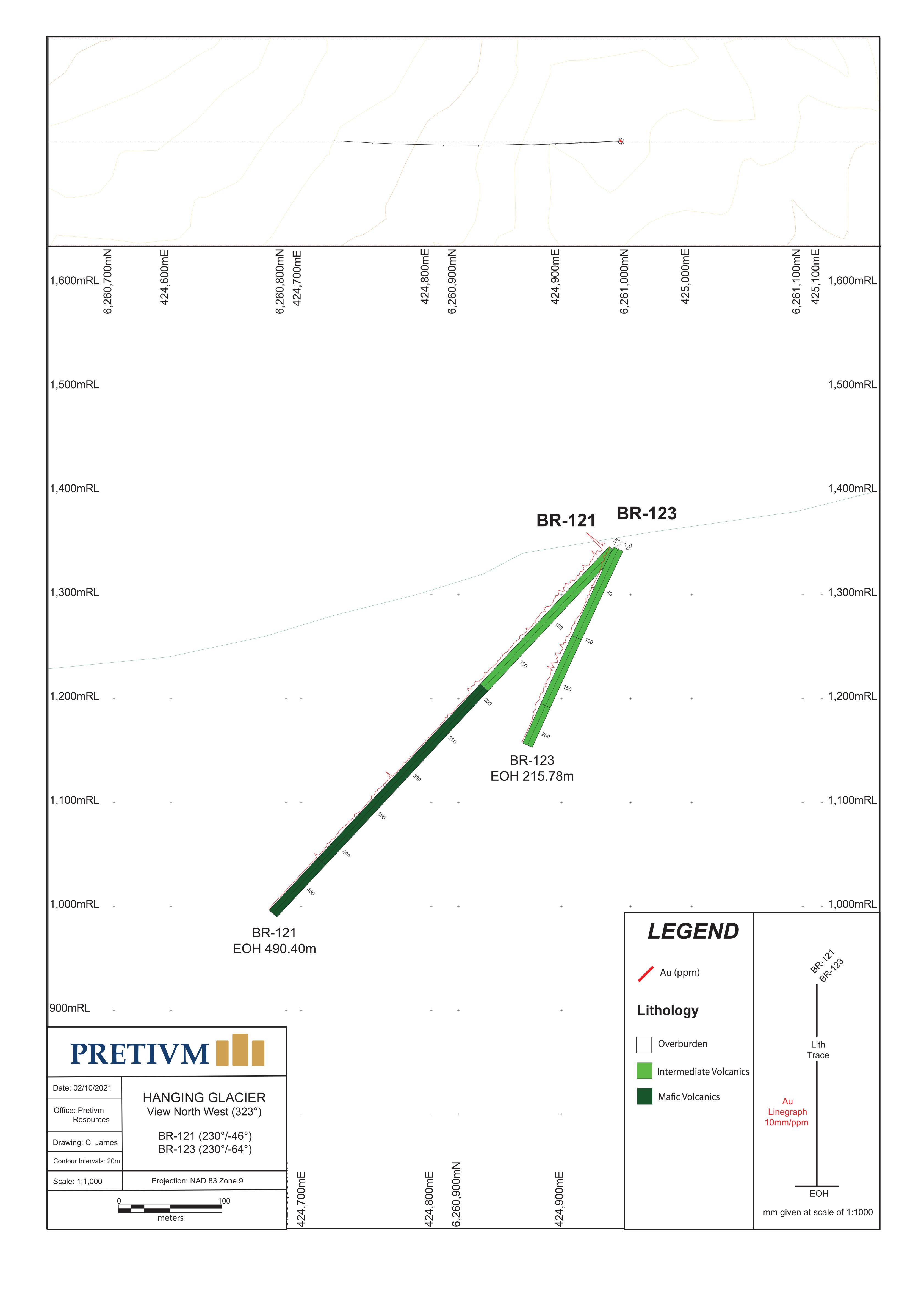


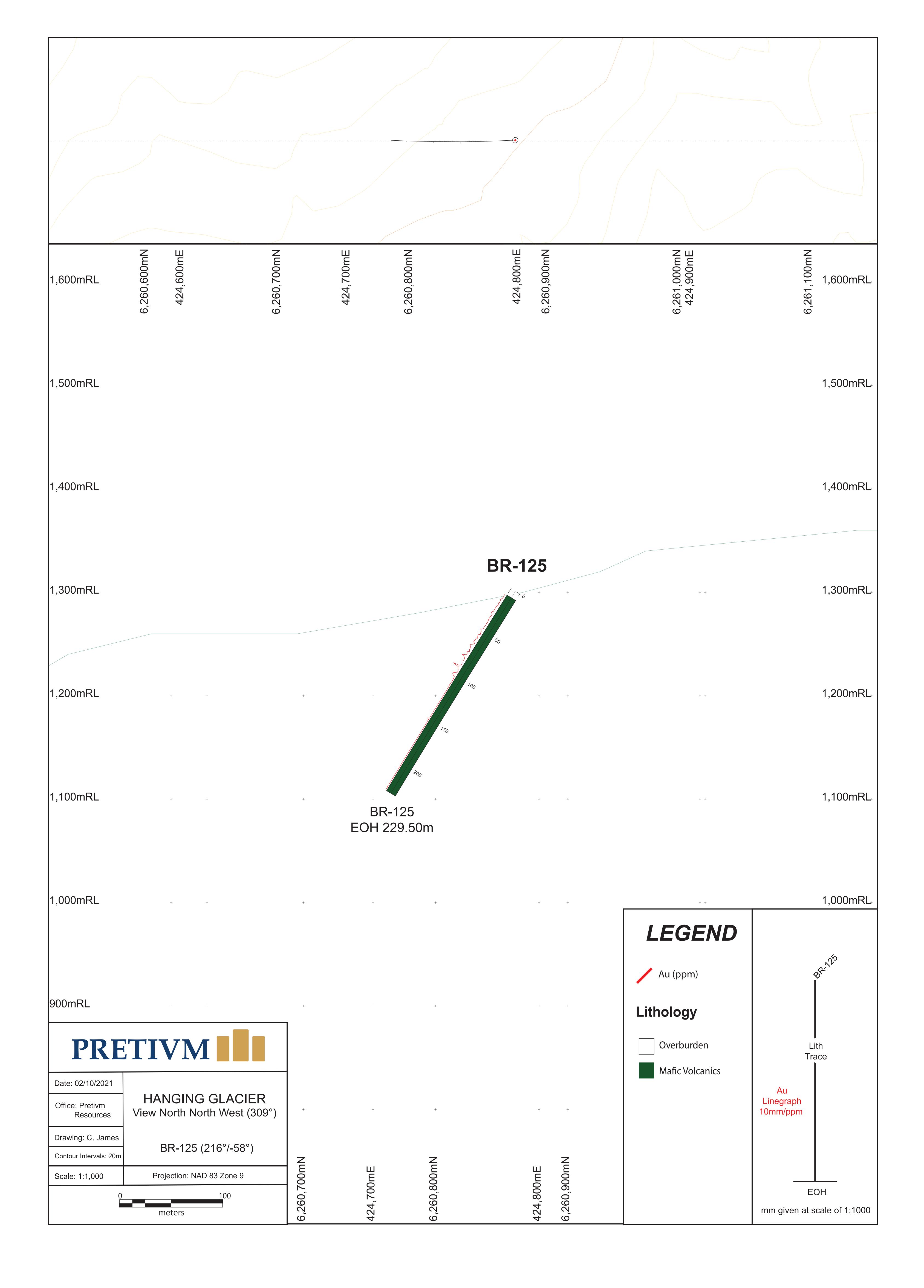


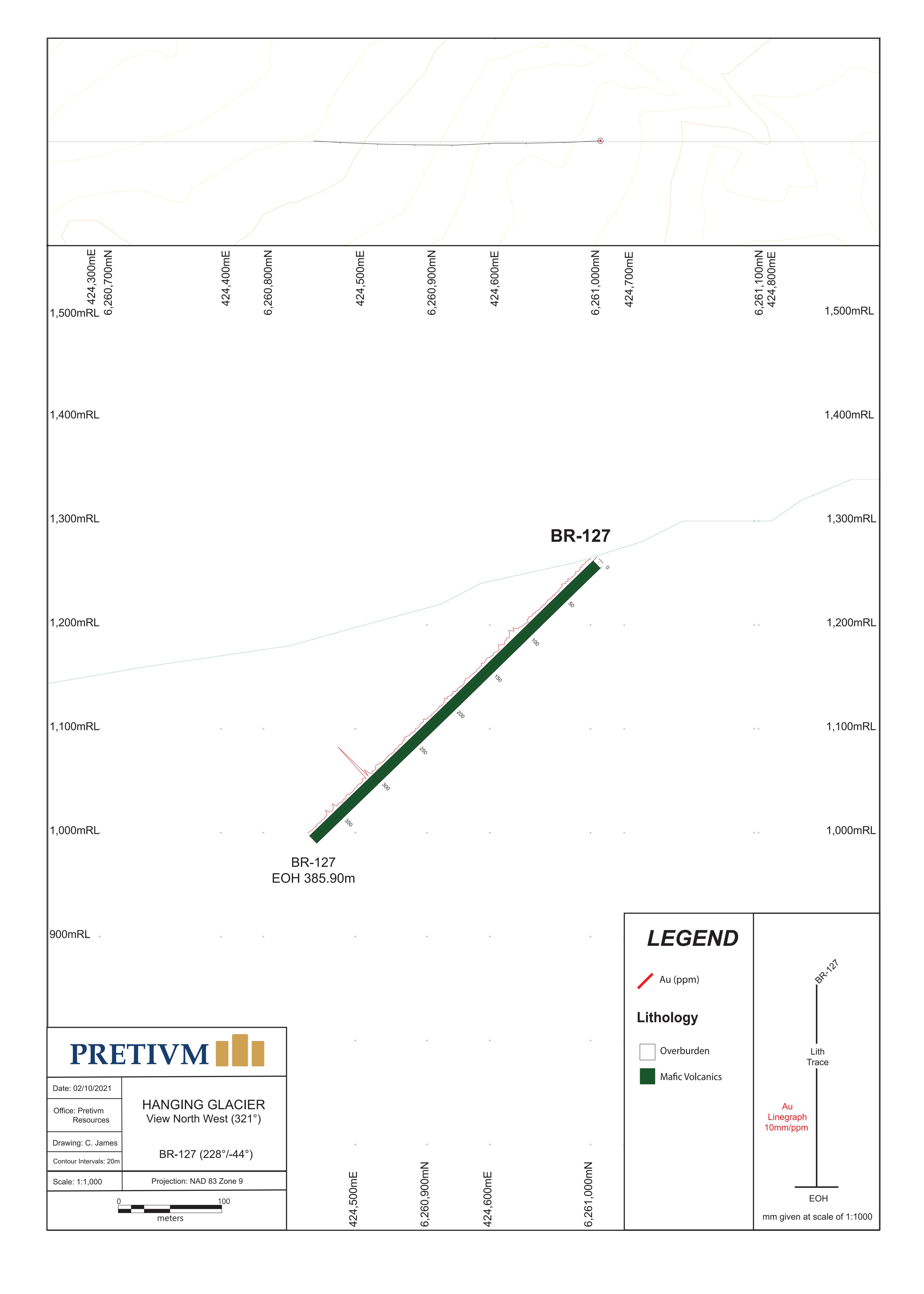


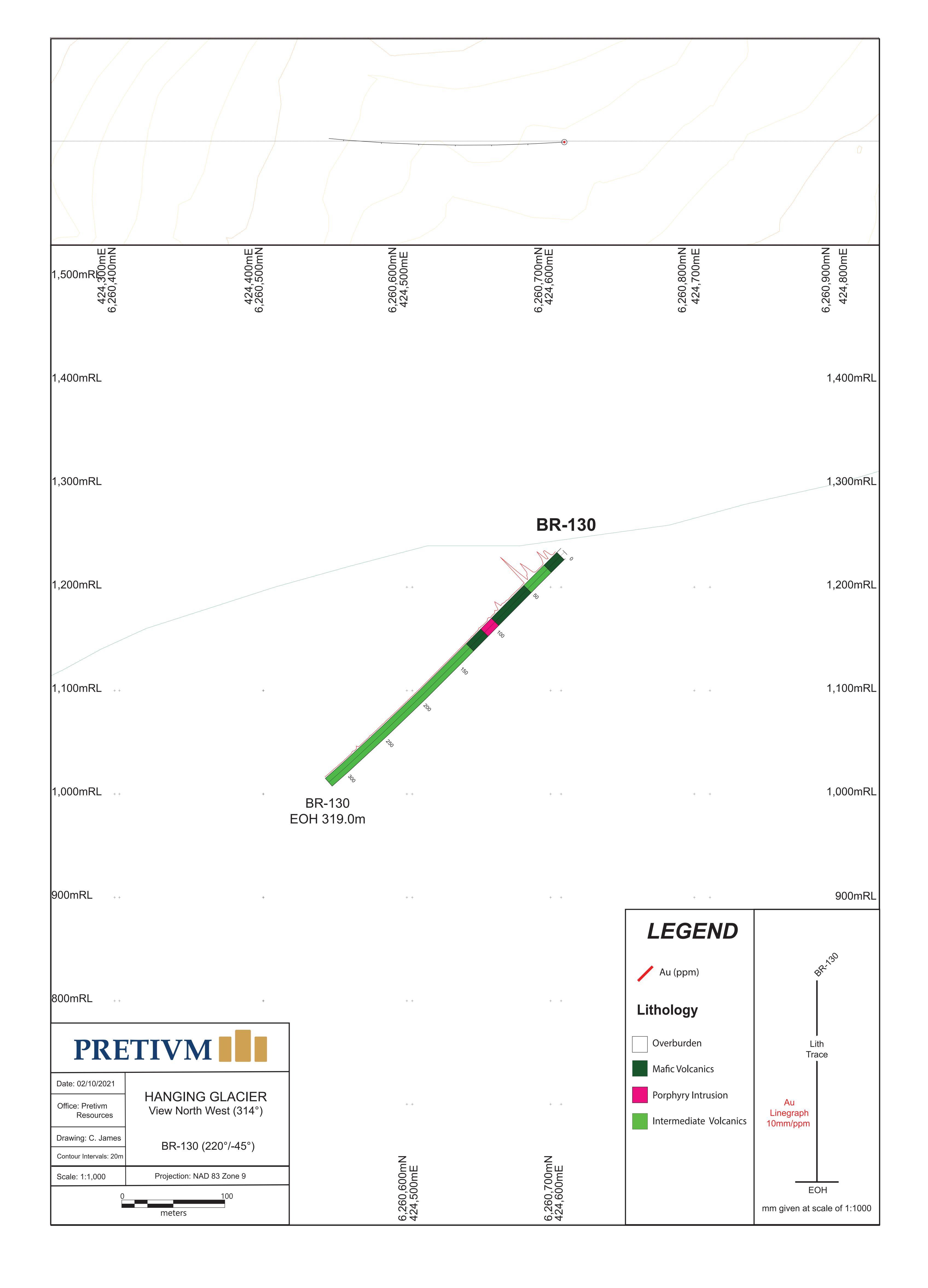


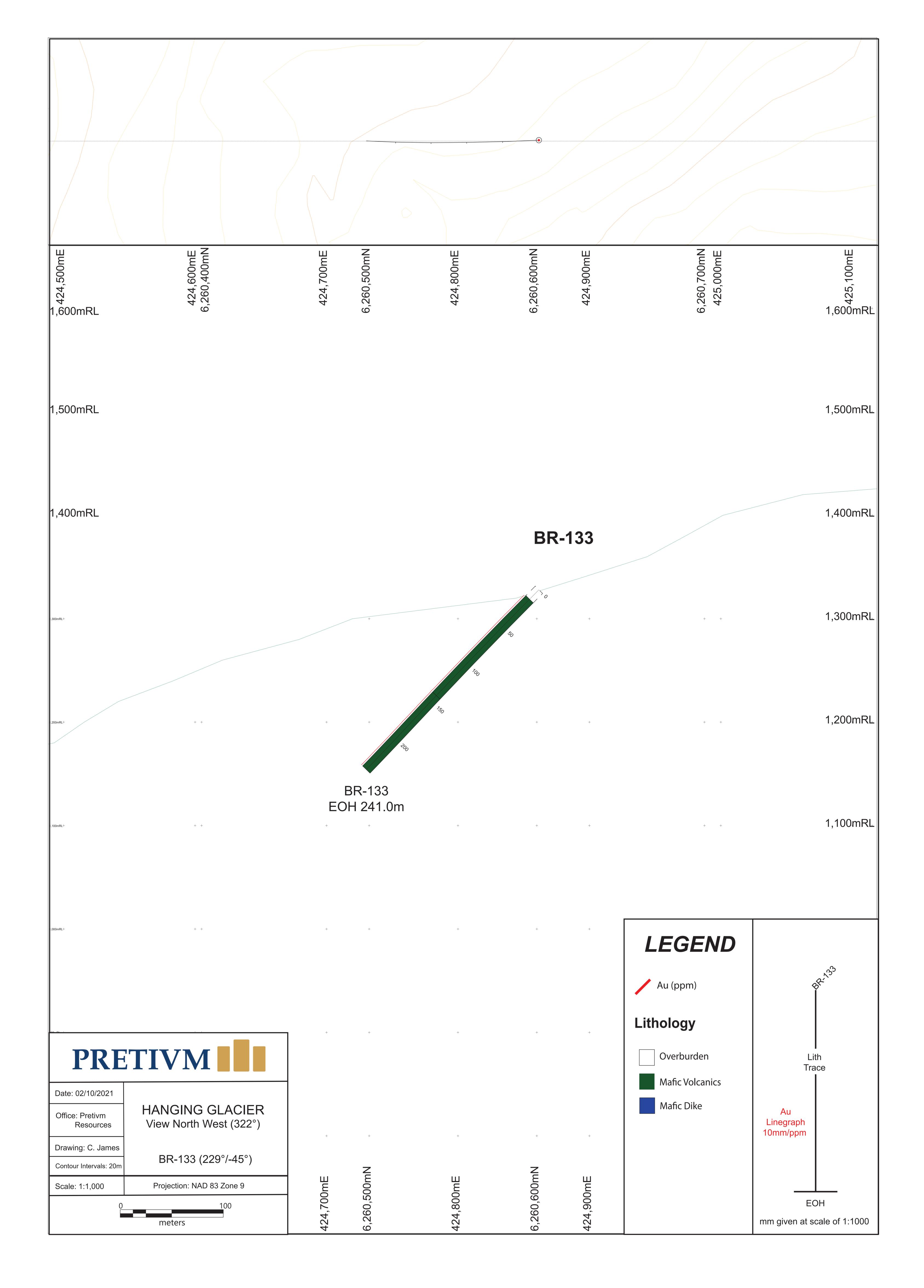


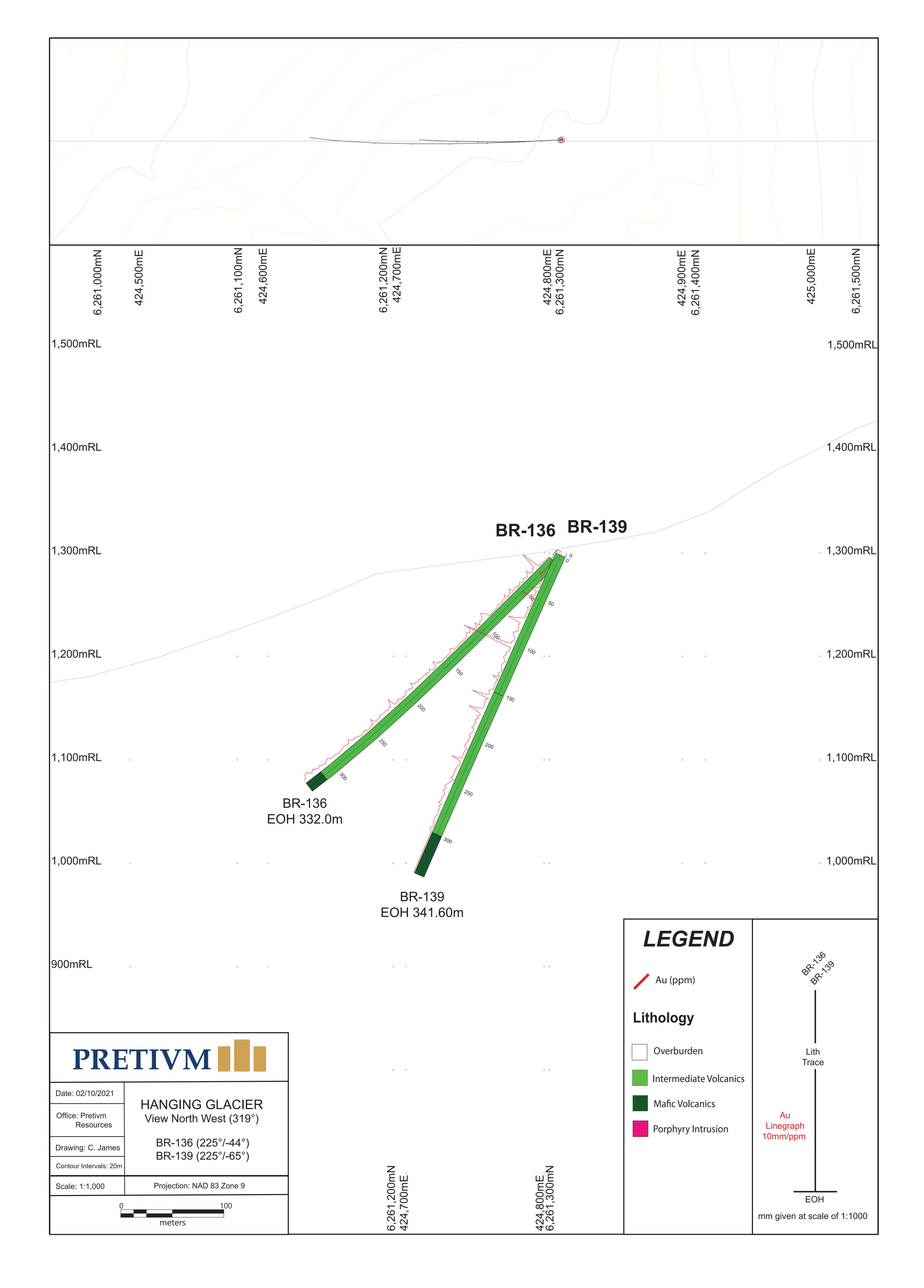


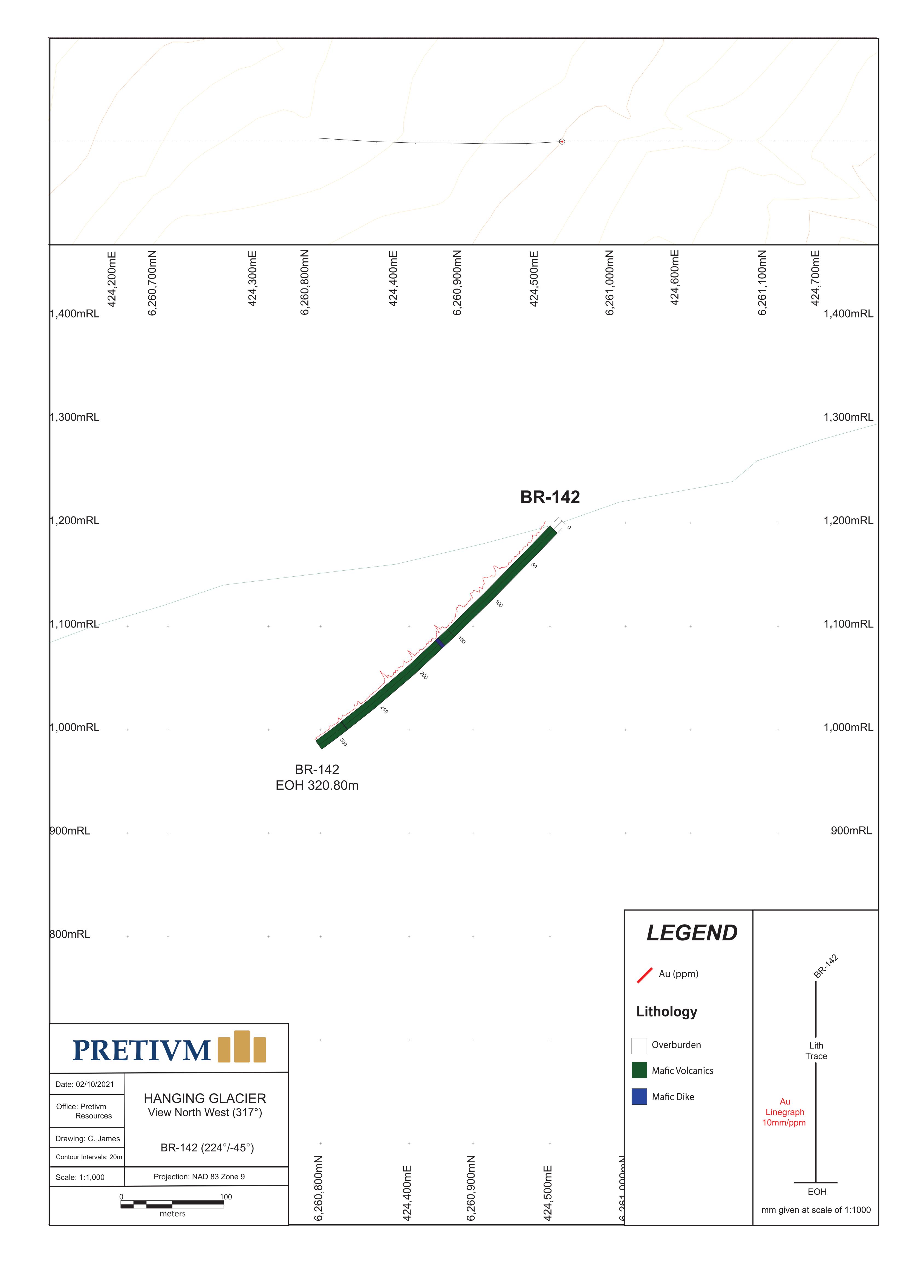
















Project: Bowser Regional

Hole: BR-112

**Prospect:** Hanging Glacier **Survey Type:** Logged By: **Hole Type:** DGPS aflower DDS 8/14/2020 **UTM Grid:** UTM83-9 Survey By: **Date Started: Core Size:** HQ 424862.744 8/17/2020 **Casing Pulled? UTM East:** Azimuth: **Date Completed: Drill Company:** HyTech Casing Depth (m): **UTM North:** 6260799.923 Dip: UTM Elevation (m): **Drill Rig:** Marked? 1312.117 Length (m): 348 Н3 8/13/2020 **Hole Purpose: Drill Started:** Surveyed? Expl **Local Grid: Drill Target: Drill Completed:** 8/16/2020 Water Production: NO **Local East:** Water Type: Comments: **Local North:** Water Depth (m): Local Elevation (m): **Structure Type:** 

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	1stREFLEX	8/14/2020	-50.1	249	19.5	268.5	55460	<b>✓</b>	
21	REFLEX	8/14/2020	-50.1	249	19.5	268.5	55460	<b>✓</b>	Temp 16
72	REFLEX	8/14/2020	-50.4	249.5	19.5	269	55000	<b>✓</b>	Temp 6
123	REFLEX	8/14/2020	-50.7	250.2	19.5	269.7	54999	<b>✓</b>	
174	REFLEX	8/14/2020	-50.9	250.9	19.5	270.4	55016	<b>✓</b>	Temp 10
225	REFLEX	8/15/2020	-51.2	251.2	19.5	270.7	54991	<b>✓</b>	
276	REFLEX	8/15/2020	-51.2	252.6	19.5	272.1	550039	<b>✓</b>	Temp 11
327	REFLEX	8/16/2020	-51.2	253.8	19.5	273.3	55005	<b>✓</b>	





REFLEX

8/16/2020

348

Azimuth

254.6

-51.2

Factor

19.5

Azimuth

274.1

54991

#### **GeoSpark: Drill Hole Report**

Hole: BR-112

Depth (m) Survey Method Date Surveyed Dip Measured Correction Corrected Mag. Field Accept Comments

Values?

temp 10



Hole:	BF	R-112										
From (m)	To (m)	Rock Type & Description			From (m)	To (m) Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	2.77 OVE	3 overburden		NR								
0 - 2.77: We	ll oxidized red clay	and broken core.										
< <min: -="" 0="" 2<="" td=""><td>2.77: Nothing Red</td><td>corded&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	2.77: Nothing Red	corded>>										
< <min: -="" 0="" 2<="" td=""><td>2.77: Not recorded</td><td>d Unmineralized Zone&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	2.77: Not recorded	d Unmineralized Zone>>										
< <alt: -="" 0="" 2<="" td=""><td>.77: &gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.77: >>											
	2.77: Nothing Re			-								
2.77	150.00 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	dark green	V-csh								
throughout. I intense, but Pyrite is obs occuring in t dominantly I	Fextures very mottl increases at local erved in blebs, bar he intense silica zo	idiate lapilli tuff. Coarse ash matrix and rounded lapilli ed rare banding and often obliterated from alteration. >50-75cm zones commonly associated with weak-monds and dominantly in disseminations with zones of in ones. Veining consists of qtz-carb +/- Mn-carb and py veinlets +/- pyrite throughout. 75m on; broken white feature.	Pervasive silica alterate derate mottled epidote creased pyrite concent veins at the top of the	on is moderate- alteration. rations unit with								
		rite / traces galena>> Top of unit has intsenely silicit small blebs of galena also observed.	fied zone with blebs/pat	ches of very								
	rite dissemination	yrite / <0.5% pyrite / <0.5% pyrite>> 2-3% Mineraliz s in the matrix with 1-2% concentrate clots and patched										
		0% pyrite / 0.5-2.0% pyrite>> Mineralization increased patches increase in concentation.	ses to 5-7% in silicified	and epidote								
fine-mediur		% pyrite / <0.5% pyrite / <0.5% pyrite>> Back into; lisseminations in the matrix with 1-2% concentrate clo bands.										
		0% pyrite / 0.5-2.0% pyrite / traces pyrite>> Back in seeminations clots and patches increase in concenrate		ases to 5-7% in								
	rite dissemination	6 pyrite / 0.5-2.0% pyrite>> Back into; 2-3% Mineral s in the matrix with 1-2% concentrate clots and patched										





From (m)	To (m)	Rock Type & Description	From (m)	To (m) L	ength.	Sample #	Au Best	Ag Best	Cu Best	Pb Best	Zn Best
. ,	. ,		. ,	. ,	ŭ	·	ppm	ppm	ppm	ppm	ppm
< <min: 88.9<br="">the most in bands/string</min:>	tense when as	I-5.0% pyrite / 2.0-5.0% pyrite / 0.5-2.0% pyrite>> Pyrite mineralization increases to 5-8%. Is sociated with epidote alt. Observed as disseminations clot/patches and fracture fill									
		-2.0% pyrite / traces pyrite / <0.5% pyrite>> Pyrite mineralization decreases. Less nes and fracture controlled banding.									
alteration is	s moderate to i	erate silica / weak to moderate sericite / weak to moderate chlorite / trace calcite>> Phyliic ntense with intense pyrite disseminations in matrix. Silica is the most abundant with trace cal can been observed in matrix and fractures.									
pervasive s		derate to strong silica / weak epidote / weak sericite / weak chlorite>> Zone of increased or concentrations of pyrite and the appearance of mottled epidote. Serecite and chlorite in matrix									
alteration is	s moderate to i	derate silica / weak to moderate sericite / weak to moderate chlorite>> Back into: Phyliic ntense with intense pyrite disseminations in matrix. Silica is the most abundant with trace cal can been observed in matrix and fractures.									
Zone of inc	reased pervas	derate to strong silica / weak to moderate epidote / weak sericite / weak chlorite>> Back into: ive silica and higher concentrations of pyrite and the appearance of weak mottled epidote. atrix weaken in this interval.									
		ng silica / weak k-feldspar>> Sillica increases to very strong in this interval with a pinkish-red eak potassic matrix replacement.									
deacreases	s from above,	erate to strong silica / weak to moderate sericite / weak to moderate epidote>> Silica intensity still intense. There is an increase in epidote alteratoon shown in a mottled texture. Beige ort cm scale localities.									
into: Zone o	of increased p	derate to strong silica / moderate epidote / weak to moderate sericite / weak chlorite>> Back ervasive silica and higher concentrations of pyrite and the appearance of moderate mottled or the in matrix weaken in this interval.									
	ease in pyrite	erate silica / weak epidote / weak to moderate chlorite / trace k-feldspar>> Silica alt deceases concentrations. Epidote decrease as moderate chlorite becomes more prevalent. Rare potassic									
		.0% quartz-pyrite>> Top consists of a >50cm qtz altered/vein zone with sooty patches of bs. Intensely oxidized zone (hard to tell where veins start and ends).									
angle veinle	ets locally disa	0% quartz-calcite>> 1% veining interval consisting of; dominantly >mm to 4cm pale grey low rticulated. Local high angle ~70 degress TCA qtz-cal veins contain Mn-carbonate becoming bottom of the interval. <0.5% pyrite disarticulated stringers observed towards lower half of the									
< <struc: 13<="" td=""><td>38 - 139: weal</td><td>ly developed fault zone&gt;&gt; Weak fault zone with 40% broken core and trace gouge.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	38 - 139: weal	ly developed fault zone>> Weak fault zone with 40% broken core and trace gouge.									





Hole: BR-112

From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best ppm ppm ppm ppm ppm ppm

				ppm	ppm	ppm	ppm	ppm
4.00	5.00	1.00	S028652	0.007	0.82	161	21.2	64
5.00	6.00	1.00	S028653	0.01	0.64	154	26.2	76
6.00	7.50	1.50	S028654	0.002	0.41	123.5	50.6	184
7.50	9.00	1.50	S028655	0.002	0.55	110.5	50.7	136
9.00	10.50	1.50	S028656	0.005	0.85	149.5	44.1	140
10.50	12.00	1.50	S028657	0.005	0.79	112.5	42.6	293
12.00	13.50	1.50	S028658	0.016	0.47	71.6	44.6	115
13.50	15.00	1.50	S028659	0.006	0.45	114	48.4	159
15.00	16.50	1.50	S028661	0.023	0.37	105.5	39.8	149
16.50	18.00	1.50	S028662	0.005	0.25	73.2	57.5	191
18.00	19.50	1.50	S028663	0.002	0.12	41	35.3	126
19.50	21.00	1.50	S028664	0.006	0.17	37.4	43.7	116
21.00	22.50	1.50	S028665	0.008	0.3	139	38.2	112
22.50	24.00	1.50	S028666	0.002	0.21	75.5	29.7	124
24.00	25.50	1.50	S028667	0.006	0.36	105	31.5	156
25.50	27.00	1.50	S028668	0.005	0.41	132.5	34.5	140
27.00	28.50	1.50	S028669	0.015	0.38	138	39.7	140
28.50	30.00	1.50	S028671	0.014	0.39	101	53.3	242
30.00	31.50	1.50	S028672	0.011	0.33	122	46.5	168
31.50	33.00	1.50	S028673	0.006	0.25	81.1	37.3	180
33.00	34.50	1.50	S028674	0.007	0.44	103.5	151.5	487
34.50	36.00	1.50	S028675	0.023	0.28	35.5	40.9	116
36.00	37.50	1.50	S028676	0.059	0.31	52.5	30.9	99
37.50	39.00	1.50	S028677	0.015	0.52	127.5	44.1	130
39.00	40.50	1.50	S028678	0.009	0.47	116	38.8	148
40.50	42.00	1.50	S028679	0.007	0.52	124	42.5	242
42.00	43.50	1.50	S028681	0.007	0.59	143.5	99.2	664
43.50	45.00	1.50	S028682	0.005	0.58	142.5	39.8	222
45.00	46.50	1.50	S028683	0.005	0.75	169	41.4	167





Hole: BR-112 From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 46.50 48.00 1.50 S028684 0.005 0.4 92.3 67.2 237 48.00 49.50 1.50 S028685 0.002 0.46 120.5 379 127.5 49.50 51.00 1.50 S028686 0.002 0.44 110 29.7 118 51.00 52.50 1.50 S028687 0.002 0.55 144 28.2 120 52.50 54.00 1.50 S028688 0.01 0.35 53.2 28.7 109 54.00 55.50 1.50 S028689 0.274 0.37 54.2 24.2 307 55.50 57.00 1.50 S028691 0.18 0.75 93.4 126 1480 57.00 58.50 1.50 S028692 0.471 0.9 85.3 63.4 348 58.50 60.00 1.50 S028693 0.182 0.53 69.4 23.9 110 60.00 61.50 1.50 S028694 0.399 0.98 139 126 21.9 61.50 1.50 S028695 1.02 63.00 0.269 115.5 34.7 264 63.00 64.50 1.50 S028696 0.28 1.64 137 44.9 425 64.50 66.00 1.50 S028697 0.092 1.36 90.9 519 116 66.00 67.50 1.50 S028698 0.082 0.86 42.2 76.3 522 67.50 1.50 S028699 69.00 0.113 1.27 101.5 90.7 859 69.00 70.50 1.50 S028701 0.053 1.08 82.8 98 714 70.50 72.00 1.50 S028702 0.016 0.93 72.3 104.5 894 72.00 73.50 1.50 S028703 0.032 1.18 86.7 106.5 664 73.50 75.00 1.50 S028704 0.063 1.94 148 89.8 1060 75.00 76.50 1.50 S028705 0.383 1.7 128 51.3 423 1.50 76.50 78.00 S028706 0.081 1.52 82.9 54.6 180 1.32 78.00 79.50 1.50 S028707 0.047 93.8 60.4 282

79.50

81.00

82.50

84.00

85.50

87.00

88.50

81.00

82.50

84.00

85.50

87.00

88.50

90.00

1.50

1.50

1.50

1.50

1.50

1.50

1.50

S028708

S028709

S028711

S028712

S028713

S028714

S028715

0.191

0.154

0.235

0.277

0.032

0.149

0.239

1.3

4.13

2.01

1.52

1.25

1.48

1.58

56.8

92.4

100

99.8

76.9

69.2

140

67.2

70.5

60.3

62.3

34.5

61.9

40.2

265

320

288

346

229

329





Hole: BR-112 From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 90.00 91.50 1.50 S028716 0.032 1.58 112.5 34.7 190 91.50 93.00 1.50 S028717 0.017 1.22 23 95 81.1 93.00 94.50 1.50 S028718 0.008 1 97.4 30.5 168 94.50 96.00 1.50 S028719 0.006 1.09 78.7 23.7 169 96.00 97.50 1.50 S028721 0.006 1.42 104 28.7 417 97.50 99.00 1.50 S028722 0.005 1.53 132 21.7 82 99.00 100.50 1.50 S028723 0.008 1.06 102 21.1 135 100.50 102.00 1.50 S028724 0.014 1.09 89.6 22.7 106 102.00 103.50 1.50 S028725 0.009 0.91 90 22.7 131 103.50 105.00 1.50 S028726 0.197 0.75 64.7 18.8 324 105.00 106.50 1.50 S028727 0.009 1.97 105 55.6 392 106.50 108.00 1.50 S028728 0.013 1.12 46.5 14 137 108.00 109.50 1.50 S028729 0.012 0.96 105 15.5 198 109.50 111.00 1.50 S028731 0.009 0.7 95.4 32.4 300 111.00 112.50 1.50 S028732 0.54 0.007 79.1 40.4 207 112.50 114.00 1.50 S028733 0.012 0.55 117.5 130 41.1 114.00 115.50 1.50 S028734 0.008 0.61 131 34.9 159 115.50 117.00 1.50 0.002 S028735 0.63 149.5 29.4 124 117.00 118.50 1.50 S028736 0.013 0.53 22.5 139 81 118.50 120.00 1.50 S028737 0.017 0.84 143.5 19.4 118 121.50 1.50 120.00 S028738 0.049 1.4 142.5 20.1 229 121.50 123.00 1.50 S028739 0.021 1.3 120.5 20 138 123.00 124.50 1.50 S028741 1.005 2.94 141 17.9 158 124.50 126.00 1.50 S028742 0.011 1.66 119.5 20.3 395 126.00 127.50 1.50 S028743 0.009 1.15 113.5 22.2 234 127.50 129.00 1.50 S028744 0.002 0.98 112 21.2 158

129.00

130.50

132.00

130.50

132.00

133.50

1.50

1.50

1.50

S028745

S028746

S028747

0.058

0.014

0.024

1.36

1.14

1.93



17.8

20.8

22.9

190

190

137

119.5

115



Hole: BR-1	.12										
From (m) To (m)	Rock Type & Description	Fro	m (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		1	33.50	135.00	1.50	S028748	0.002	1.3	138.5	19.4	195
		1	35.00	136.50	1.50	S028749	0.002	1.05	129	19	384
		1	36.50	138.00	1.50	S028751	0.002	0.68	107	23.2	419
		1	38.00	139.50	1.50	S028752	0.006	0.78	171.5	21	111
		1:	39.50	141.00	1.50	S028753	0.002	0.67	129	21.7	121
		1	41.00	142.50	1.50	S028754	0.006	0.76	120.5	22.7	197
		1	42.50	144.00	1.50	S028755	0.009	1.11	122	21.4	303
		1	44.00	145.50	1.50	S028756	0.015	1.09	119.5	32.6	229
		1	45.50	147.00	1.50	S028757	0.002	0.72	128.5	26	334
		1	47.00	148.50	1.50	S028758	0.006	0.62	107.5	24.6	913
		1	48.50	150.00	1.50	S028759	0.006	0.66	114.5	32.4	293
150.00 223.50 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	V-lp 1	50.00	151.50	1.50	S028761	0.008	0.66	109	33.4	401
brecciated and clasts can be fluidal matrix is moderate, silica alteration with moderate mottle epidote altera as disseminations, blebs/patches b	e lapilli tuff breccia. Same composition as above unit texture however, become a lapilli tuff breccia. Coarser clasts sizes from 20-100mm with rare bomb sized clasts. Phyllic alteration from moderate to intense throughout. Intense silica alteration often assition and a more concentrated 5-8% pyrite zone. 2-3% pyrite mineralization is and and stringers. Rare pinkish red altered clast is potentially potassic alt (Independent of the property of	Iteration of ssociated s observed									
sulfosalt (XRF runs 15-20% Ag, 1% along axis of vein for >20cm within	r- pink Mn-calcite vein with 1% patches/blebs of sphalerite; patch of reddish s 5 Sb, 1% As and 20ppm Au). Minor silvery electrum found along band margin: vein (XRF runs 1-2% Ag, 80ppm Au). Fine specular gold-rich electrum disser halerite patches has very fine shiny disseminations potentilally electrum associated.	ns run minations									
	rite / 2.0-5.0% pyrite / <0.5% pyrite>> Pyrite mineralization increase and is controlled bands/patches. Pyrite varies from sooty to shiny throughout.	observed 1	51.50	153.00	1.50	S028762	0.005	0.75	127	30	489
< <min: -="" 177.15="" 184.85:="" 2.0-5.0%="" filled="" fracture="" in="" pate<="" shiny="" sooty="" td="" to=""><td>pyrite / 2.0-5.0% pyrite / &lt;0.5% pyrite&gt;&gt; Pyrite min density increase chang ches and bands.</td><td>ges from 1</td><td>53.00</td><td>154.50</td><td>1.50</td><td>S028763</td><td>0.006</td><td>0.66</td><td>121.5</td><td>24.3</td><td>123</td></min:>	pyrite / 2.0-5.0% pyrite / <0.5% pyrite>> Pyrite min density increase chang ches and bands.	ges from 1	53.00	154.50	1.50	S028763	0.006	0.66	121.5	24.3	123
< <min: -="" 0.5-2.0%="" 184.85="" 198.9:="" sooty.<="" td=""  =""><td>pyrite / &lt;0.5% pyrite&gt;&gt; Pyrite min decrease and is observed as shiny rather</td><td>r than 1</td><td>54.50</td><td>156.00</td><td>1.50</td><td>S028764</td><td>0.002</td><td>0.68</td><td>136.5</td><td>28.7</td><td>140</td></min:>	pyrite / <0.5% pyrite>> Pyrite min decrease and is observed as shiny rather	r than 1	54.50	156.00	1.50	S028764	0.002	0.68	136.5	28.7	140





Hole: BR-112									
From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <min: -="" 0.5-2.0%="" 198.9="" 200.1:="" <0.5%="" ag,pb,sb,as="" electrum="" sphalerite="" sulfosalts="" traces="">&gt; Banded Mn-calcite vein hosts; 1% patches of pinkish silvery pyrargyrite (Ruby Silver Sulfosalt) (XRF runs 15-20% Ag, 1% Sb, 1% As and 20ppm Au). 1% patches/blebs of honey brown sphalerite.</min:>	156.00	157.50	1.50	S028765	0.002	0.54	102.5	22.5	186
Minor silvery electrum found along band margins run along axis of vein for >20cm within vein (XRF runs 1-2% Ag, 80ppm Au). Several fine specular gold-rich electrum disseminations along bands (Run 350ppm Au). Sphalerite patches has very fine shiny disseminations potentilally electrum associated (Runs 180ppm Au).									
< <min: -="" 0.5-2.0%="" 200.1="" 202.65:="" sphalerite="">&gt; Honey brown blebs of sphalerite found in mn-carbonate veins.</min:>	157.50	159.00	1.50	S028766	0.002	0.64	118.5	28.4	171
< <min: -="" 0.5-2.0%="" 202.65="" 259.45:="" <0.5%="" pyrite="">&gt; Mineralization contain pyrite in the form of dendritic networks mainly in silica/epidote altered zones.</min:>	159.00	160.50	1.50	S028767	0.007	0.53	96.5	28.9	284
< <alt: -="" 150="" 196.85:="" chlorite="" epidote="" moderate="" silica="" strong="" to="" weak="">&gt; Increase in silica alteration and increase in chl in the matrix with zones of mottled epidote (moderate).</alt:>	160.50	162.00	1.50	S028768	0.005	0.64	116.5	30.7	184
< <alt: -="" 196.85="" 202.65:="" calcite="" k-feldspar="" moderate="" silica="" to="" weak="">&gt; Matrix starts to strongly fizz and become less silica altered. With minor clast replacement of pink (potassic alt).</alt:>	162.00	163.50	1.50	S028769	0.006	0.66	125.5	25	213
< <alt: -="" 202.65="" 222.9:="" chlorite="" moderate="" sericite="" silica="" to="" weak="">&gt; Carbonate matrix disappears pervasive silica alterationa an dmoderate serecite and chlorite altrered matrix.</alt:>	163.50	165.00	1.50	S028771	0.002	0.56	98.2	31.8	200
< <alt: -="" 222.9="" 259.45:="" chlorite="" epidote="" moderate="" sericite="" silica="" strong="" to="" weak="">&gt; Silica alteration becomes more intense with the appearance of mottled epidote in condensed dendritic pyrite zones. Serecite and chl in matrix weakens.</alt:>	165.00	166.50	1.50	S028772	0.006	0.66	110.5	40.8	184
< <vein: -="" 10.0-25.0%="" 198.9="" 202.65:="" calcite="">&gt; Veining intensity increases significantly. 10% veining consists of large sheeted 2-20cm pale grey pink Mn-calcite with banding; Low angle 20 degree TCA pale grey- pink Mn-calcite vein with 1% patches/blebs of sphalerite; patches of reddish silver sulfosalt (XRF runs 15-20% Ag, 1% Sb, 1% As and 20ppm Au). Minor silvery electrum found along band margins run along axis of vein for &gt;20cm within vein (XRF runs 1-2% Ag, 80ppm Au). Trace fine specular gold-rich electrum disseminations along bands (Run 350ppm Au). Sphalerite patches has very fine shiny disseminations potentially electrum associated (Runs 180ppm Au) with minor sooty pyite in patches.</vein:>	166.50	168.00	1.50	S028773	0.002	0.64	120	38.3	291
<< Vein: 202.65 - 259.45: 1.0-5.0% calcite-chlorite>> 1% veining interval with dominantly cal-chl barren disarticulated and planr veinlets +/- rare trace fine grained pyrite and sph.	168.00	169.50	1.50	S028774	0.007	0.67	103	33.2	230
	169.50	171.00	1.50	S028775	0.008	0.79	130	42.8	219
	171.00	172.50	1.50	S028776	0.002	0.62	104.5	52.9	393
	172.50	174.00	1.50	S028777	0.007	0.71	83.3	92.9	449
	174.00	175.50	1.50	S028778	0.008	0.77	101	65.9	246
	175.50	177.00	1.50	S028779	0.008	0.94	127	74.8	360
	177.00	178.50	1.50	S028781	0.012	0.87	98.6	69.2	215
	178.50	180.00	1.50	S028782	0.011	0.85	110.5	83	330
	180.00	181.50	1.50	S028783	0.008	0.74	77.5	86.6	407





					ppm	ppm	ppm	ppm	ppm
	181.50	183.00	1.50	S028784	0.013	1.13	148	60.1	206
	183.00	184.50	1.50	S028785	0.014	1.16	143.5	101	260
	184.50	186.00	1.50	S028786	0.015	0.84	74.8	118	203
	186.00	187.50	1.50	S028787	0.018	1.13	119	73	160
	187.50	189.00	1.50	S028788	0.013	1.16	130	112.5	186
	189.00	190.50	1.50	S028789	0.015	0.6	42.7	52.6	140
	190.50	192.00	1.50	S028791	0.012	0.47	25.4	16.5	66
	192.00	193.50	1.50	S028792	0.016	1.32	111	127	165
	193.50	195.00	1.50	S028793	0.013	1.01	91.4	90.3	330
	195.00	196.50	1.50	S028794	0.011	1.36	107.5	85.9	381
	196.50	198.00	1.50	S028795	0.019	1.79	55.2	52.3	96
	198.00	198.90	0.90	S028796	0.017	12.35	86.4	54.7	181
	198.90	199.90	1.00	S028797	8.97	5150	28.9	798	1400
	199.90	201.00	1.10	S028799	1.05	284	6	110.5	219
	201.00	202.00	1.00	S028801	0.047	3.14	74.2	147	286
	202.00	203.00	1.00	S028802	0.07	8.18	94.2	898	3090
	203.00	204.00	1.00	S028803	0.02	2.05	113	76.3	249
	204.00	205.50	1.50	S028804	0.008	1.29	123	87.4	257
_	205.50	207.00	1.50	S028805	0.007	0.76	102	78.2	205
	207.00	208.50	1.50	S028806	0.01	1.31	108	69.4	480
_	208.50	210.00	1.50	S028807	0.011	0.94	125.5	73.2	173
	210.00	211.50	1.50	S028808	0.009	0.91	107	112.5	599
_	211.50	213.00	1.50	S028809	0.008	0.73	94.3	128	630
	213.00	214.50	1.50	S028811	0.01	1.02	76.9	123	372
_	214.50	216.00	1.50	S028812	0.009	0.73	68.2	87.6	130
	216.00	217.50	1.50	S028813	0.012	1.13	136	149	173
	217.50	219.00	1.50	S028814	0.009	1.24	183.5	127.5	331
	219.00	220.50	1.50	S028815	0.011	1.08	113	163.5	438
	220.50	222.00	1.50	S028816	0.01	0.89	90.1	139	207





Hole:		BR-112													
From (m)	To (m)		Rock Type & Description				From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
							222.00	223.50	1.50	S028817	0.031	0.62	43.6	70.1	102
223.50	348.00 V	(4	ntermediate volcanic ro Andesite, Latite; Silica ontent 57-63%)		dark green	V-csh	223.50	225.00	1.50	S028818	0.014	0.53	65.2	52.7	158
concentratre moderate, sil moderate mod dissemination veins/veinlets pyrite with the	d in well-definilica alteration of the epidote all ns, blebs/patc and qtz-anke in planar veins	ed white fine fe varies from mod Iteration and a r thes and dendri erite stockwork s containng BM		illi clasts. ense silica one. 2-3% contains m s/patches	Phyllic alteration of m alteration often assoc pyrite mineralization inor barren calcite-ch of 1% sph+galena ar	atrix is ciated with is observed as I thin nd 3% sooty									
		0.5-2.0% sphales up to 3cm dia	erite / 0.5-2.0% galena>>    Qtz-a meter.	ank stockw	ork hosts 1% blebs o	f honey-brown	225.00	226.50	1.50	S028819	0.013	0.37	39.3	53.8	152
	ends. Blebs <0		e / <0.5% galena / <0.5% pyrite / t and sphalerite observed in less fr				226.50	228.00	1.50	S028821	0.024	0.49	42.8	56.1	254
Euhedral py	rite still found	disseminated in	n the matrix.												
		2.0% pyrite / 0.5 n silica/epidote	5-2.0% pyrite / traces pyrite>> Natered zones.	/lineralizat	ion contain pyrite in th	ne form of	228.00	229.50	1.50	S028822	0.008	0.46	40.5	77.3	140
		sphalerite / <0. h host wall rock.	.5% galena / traces pyrite>> Qz	z-cal vein l	hosts blebs of sph (<0	0.3%) and blebs	229.50	231.00	1.50	S028823	0.008	0.4	29.4	88	232
	- 348: 0.5-2.0 eminated py (		% pyrite>> Dendritic py (1%) as	ssociated	with epi in mottled into	ervals with	231.00	232.50	1.50	S028824	0.016	0.35	24.2	73.5	168
		oderate silica / v epidote-chI disa	weak to moderate sericite>> In ppears.	ankerite q	tz stockwork, fushia o	cloured soft	232.50	234.00	1.50	S028825	0.008	0.41	38.5	75.3	102
			silica / weak to moderate epidote and serecite assocaited with den			Silica is still	234.00	235.50	1.50	S028826	0.011	0.44	28.2	97.1	172
		oderate chlorite ess silica altere	/ weak silica>> Disappearance d.	of epidote	e with more intense d	ark chlorite	235.50	237.00	1.50	S028827	0.008	0.63	63.8	123.5	191
		oderate silica / v	weak chlorite / weak epidote>> x.	Mod-Stro	ng silica alt, with weal	k patchy mottled	237.00	238.50	1.50	S028828	0.018	0.82	85.3	159	292
		oderate silica / v l carbonaceous	weak to moderate carbonate / we matrix.	ak chlorite	e>> Pale pinkish sili	cified interval.	238.50	240.00	1.50	S028829	0.014	1.04	131.5	136	425





Hole:	BR-112
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From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <alt: -="" 325.35="" 337.8:="" chlorite="" epidote="" moderate="" silica="" weak="">&gt; Mod-Strong silica alt, with weak patchy mottled looking ep alt, and pervasive chl alt of mx.</alt:>	240.00	241.50	1.50	S028831	0.013	1.38	118	356	987
< <alt: -="" 337.8="" 341.5:="" carbonate="" chlorite="" moderate="" silica="" to="" weak="">&gt; Pale pinkish silicified interval. With weak to mod altered carbonaceous matrix.</alt:>	241.50	243.00	1.50	S028832	0.011	0.96	87.4	384	519
< <alt: -="" 341.5="" 348:="" chlorite="" epidote="" moderate="" silica="" to="" weak="">&gt; Mod-Strong silica alt, with weak-mod patchy mottled looking ep alt, and pervasive chl alt of mx.</alt:>	243.00	244.50	1.50	S028833	0.012	0.94	94.5	192	368
< <vein: -="" 259.45="" 278.4:="" 5.0-10.0%="" metal="" quartz-base="" sulphides="">&gt; Veining contains minor barren calcite-chl thin veins/veinlets and qtz-ankerite stockwork @261.95-263.30m contains blebs/patches of 1% sph+galena +/- Ag-rich sulfosalt (Ran 450ppm Ag) and 3% sooty pyrite with thin planar veins containing Trace honey-brown sph and galena blebs to 278.40m.</vein:>	244.50	246.00	1.50	S028834	0.013	0.67	100	112.5	280
< <vein: -="" 1.0-5.0%="" 278.4="" 343:="" quartz-chlorite="">&gt; 1% veining with planar veins and veinlets of qz-chl-cal +/- ank and minor pyrite along margins, dominantly barren. Steeply dipping.</vein:>	246.00	247.50	1.50	S028835	0.013	0.78	105.5	130.5	321
< <vein: -="" 1.0-5.0%="" 343="" 348:="" metal="" quartz-base="" sulphides="">&gt; 0.2-4cm wide planar qz-cal veins with discrete 4cm wide qz-cal-gn-sph vein. Epi alteration intensifies and appears to be associated with veining.</vein:>	247.50	249.00	1.50	S028836	0.01	1.05	94.2	378	1080
< <struc: -="" 267="" 271.5:="" developed="" fault="" weakly="" zone="">&gt; Weak fault zone with 25% broken core</struc:>	249.00	250.50	1.50	S028837	0.011	1.16	102.5	407	1260
<>Struc: 339.5 - 340.78: moderately developed fault zone 18 deg. >> Moderatley well developed faulted interval with moderate gouge present and clay altered fractured surfaces.	250.50	252.00	1.50	S028838	0.013	0.93	147.5	159.5	1180
	252.00	253.50	1.50	S028839	0.011	0.61	179	25.9	128
	253.50	255.00	1.50	S028841	0.014	0.43	121.5	26.3	235
	255.00	256.50	1.50	S028842	0.011	0.52	107	26.7	304
	256.50	258.00	1.50	S028843	0.009	0.29	102	16.2	193
	258.00	259.50	1.50	S028844	0.011	1.2	73.8	69.3	361
	259.50	261.00	1.50	S028845	0.023	1.51	79.4	49	211
	261.00	262.50	1.50	S028846	0.027	3.88	131	521	897
	262.50	264.00	1.50	S028847	0.07	2.83	53.7	1250	3950
	264.00	265.50	1.50	S028848	0.024	0.91	25	175.5	380
	265.50	267.00	1.50	S028849	0.026	1.14	99.2	172.5	296
	267.00	268.50	1.50	S028851	0.018	1.41	109	149.5	306
	268.50	270.00	1.50	S028852	0.036	1.44	83	133.5	408
	270.00	271.50	1.50	S028853	0.022	1.82	108.5	453	1360
	271.50	273.00	1.50	S028854	0.018	1.11	187.5	526	3340
	273.00	274.50	1.50	S028855	0.013	1.29	105	740	1380





From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
274.50	276.00	1.50	S028856	0.01	0.67	84.3	106	397
276.00	277.50	1.50	S028857	0.018	1.08	158.5	317	1660
277.50	279.00	1.50	S028858	0.012	0.49	25.9	39.8	103
279.00	280.50	1.50	S028859	0.011	0.66	125	112.5	221
280.50	282.00	1.50	S028861	0.01	0.7	149	63.2	163
282.00	283.50	1.50	S028862	0.015	0.51	87.2	14.4	89
283.50	285.00	1.50	S028863	0.011	0.48	45.8	58.4	80
285.00	286.50	1.50	S028864	0.009	0.43	47.2	16.1	76
286.50	288.00	1.50	S028865	0.008	0.51	60.9	18.9	75
288.00	289.50	1.50	S028866	0.01	0.52	64	18.1	50
289.50	291.00	1.50	S028867	0.013	0.72	55.2	28.1	51
291.00	292.50	1.50	S028868	0.009	0.79	88.3	26.4	63
292.50	294.00	1.50	S028869	0.009	0.74	124	32.9	64
294.00	295.50	1.50	S028871	0.011	1.35	129	74.7	163
295.50	297.00	1.50	S028872	0.012	1.15	142.5	49.7	111
297.00	298.50	1.50	S028873	0.016	1.76	333	32.9	126
298.50	300.00	1.50	S028874	0.008	1.34	105.5	363	652
300.00	301.50	1.50	S028875	0.012	1.34	116.5	227	602
301.50	303.00	1.50	S028876	0.016	1.97	175.5	350	888
303.00	304.50	1.50	S028877	0.007	1.37	127	137.5	397
304.50	306.00	1.50	S028878	0.009	1.41	129	71	175
306.00	307.50	1.50	S028879	0.002	1.3	124	74.2	217
307.50	309.00	1.50	S028881	0.005	0.99	130.5	57.2	204
309.00	310.50	1.50	S028882	0.002	0.95	129.5	46.5	211
310.50	312.00	1.50	S028883	0.005	0.66	62	40.8	158
312.00	313.50	1.50	S028884	0.018	0.63	52	44.5	155
313.50	315.00	1.50	S028885	0.002	0.44	17.3	43.6	108
315.00	316.50	1.50	S028886	0.008	0.37	30.3	56.6	190
316.50	318.00	1.50	S028887	0.007	0.65	113	57.3	203





Hole:	BR-112								
From (m) To (m)	Rock Type & Description	From (m)	To (m) Len	gth Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		318.00	319.50 1.	50 S028888	0.009	0.42	35.6	46.6	137
		319.50	321.00 1.	50 S028889	0.008	0.81	94.5	145.5	334
		321.00	322.50 1.	50 S028891	0.008	0.54	55.5	56.1	109
		322.50	324.00 1.	50 S028892	0.023	0.6	57.3	71.7	136
		324.00	325.50 1.	50 S028893	0.014	0.42	58	68.5	97
		325.50	327.00 1.	50 S028894	0.006	0.22	9.2	35	75
		327.00	328.50 1.	50 S028895	0.018	0.34	6.7	49.1	77
		328.50	330.00 1.	50 S028896	0.014	0.3	3.8	48.9	65
		330.00	331.50 1.	50 S028897	0.013	0.23	7.1	47.6	57
		331.50	333.00 1.	50 S028898	0.017	0.23	5.3	57.8	77
		333.00	334.50 1.	50 S028899	0.019	0.2	5.7	52.8	71
		334.50	336.00 1.	50 S028901	0.025	0.79	197	82.5	107
		336.00	337.50 1.	50 S028902	0.05	0.8	179	98.3	119
		337.50	339.00 1.	50 S028903	0.018	2.06	160	22.8	74
		339.00	340.50 1.	50 S028904	0.014	0.88	34.8	129.5	183
		340.50	342.00 1.	50 S028905	0.007	0.6	98.3	123.5	162
		342.00	343.50 1.	50 S028906	0.021	0.66	85.3	94.2	111
		343.50	345.00 1.	50 S028907	0.073	1.79	245	264	185
		345.00	345.80 0.8	80 S028908	0.211	6.12	218	360	206
		345.80	346.50 0.	70 S028909	0.014	1.12	128.5	169.5	185

346.50

1.50

348.00

S028911

0.021

0.81

101.5

50.1

65

End of Hole @ 348





Project: Bowser Regional

Hole: BR-115

**Prospect:** Hanging Glacier **Survey Type:** Logged By: **Hole Type:** DGPS rsimmonds DDS **UTM Grid:** UTM83-9 Survey By: **Date Started:** 8/16/2020 **Core Size:** HQ 424864.194 8/23/2020 **Casing Pulled? UTM East:** Azimuth: **Date Completed: Drill Company:** HyTech Casing Depth (m): **UTM North:** 6260799.826 Dip: UTM Elevation (m): **Drill Rig:** Marked? 1313.678 Length (m): 453.8 Н3 8/17/2020 **Hole Purpose: Drill Started:** Surveyed? Expl **Local Grid: Drill Target: Drill Completed:** 8/22/2020 Water Production: NO **Local East:** Water Type: Comments: **Local North:** Water Depth (m): Local Elevation (m): **Structure Type:** 

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	1stREFLEX	8/18/2020	-64.9	249.5	19.5	269	55196	<b>✓</b>	temp 12
24.8	REFLEX	8/18/2020	-64.9	249.5	19.5	269	55196	<b>✓</b>	temp 12
75.8	REFLEX	8/18/2020	-65.1	250.7	19.5	270.2	55062	<b>✓</b>	
126.8	REFLEX	8/18/2020	-65.2	251	19.5	270.5	55001	<b>✓</b>	temp 12
177.8	REFLEX	8/18/2020	-65.3	252.1	19.5	271.6	55086	<b>✓</b>	
228.8	REFLEX	8/18/2020	-65.2	253	19.5	272.5	54970	<b>✓</b>	temp 8
279.8	REFLEX	8/19/2020	-65.4	253.5	19.5	273	54969	<b>✓</b>	
330.8	REFLEX	8/19/2020	-65.4	254.7	19.5	274.2	55002	<b>✓</b>	temp 10





Hole:	В	R-115							
Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
381.8	REFLEX	8/20/2020	-65.2	256.1	19.5	275.6	55169	<b>✓</b>	
432.8	REFLEX	8/20/2020	-65.4	257.9	19.5	277.4	55047	<b>✓</b>	temp 12
453.8	REFLEX	8/21/2020	-65.5	258.3	19.5	277.8	55015	<b>✓</b>	



Hole: BR-1	15										
From (m) To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00 1.20 OVB	overburden	NR									
	.5% pyrite / traces pyrite / traces pyrite / traces pyrite>> nost,in qz-cal vein salvages (1%), blebs in groundmass (<										
	ak to moderate sericite / weak chlorite / weak epidote / we nod ser and py. Weak chl replacement of matrix and spar naterial.										
	te>> Planar to weakly brecciated carb rich qz-carb vein ris found finely disseminated along vein salvages. Weak										
1.20 242.77 V4	Intermediate volcanic rocks dark (Andesite, Latite; Silica content 57-63%)	k grey V-csh	4.70	6.00	1.30	S028951	0.002	0.34	104	39.7	152
rounded lapilli clasts. Primary texture intervals. The unit exhibits variably remoderate patchy sericite alt and pyroccasional chl altered feldspar fragment tuffaceous groundmass is variate mineralization (1-5%) is observed as with trace springers and replacing la	ermediate lapilli tuff. Coarse ash matrix with sparse weakles are largely overprinted by strong silicification with decinoderate phyllic alteration represented by mod-strong permineralization (1-5%). The Tuffaceous ground mass is penents (<0.3cm). There is also patchy ep intervals often as bly carbonaceous with occasional flecks (<2mm) of carbos euhedral disseminations (2-3%), vein salvages (1%), bloopilli clasts. Py mineralization is seen to intensify preferen The dominant vein set consist of planar qz-carb +/- trace <0.5%) and gn (<0.5%).	meter scale ep rich mottled vervasive silica alt, weak- ervasively chl altered with shalos proximal to veining. onaceous material. Pyrite ebs in groundmass (<1%), atial to strong silicification and									
Gradational change to more mafic c	omposition (~130-242.77m) and gradational contact with	n underlying unit (228-247m).									
	.5-2.0% pyrite / <0.5% pyrite / traces pyrite>> Py is four nost,in qz-cal vein salvages (2%), blebs in groundmass (		6.00	7.50	1.50	S028952	0.002	0.49	161.5	50.2	136
euhedral disseminations (2-3%) thr	.5-2.0% pyrite / <0.5% pyrite / <0.5% sphalerite / traces groughout host,in qz-cal vein salvages (2%), blebs in grour large vein hosts blebs of sph (<0.5%) and gn (<0.5%) along v	ndmass (<1%), with trace	7.50	9.00	1.50	S028953	0.002	0.37	155	61.5	170
< <min: (2-3%)="" -="" 0.5-2.0%="" 104.5:="" 36="" disseminations="" h<="" pyrite="" td="" throughout=""><td>/ 0.5-2.0% pyrite / &lt;0.5% pyrite / traces pyrite&gt;&gt; Py is foost,in qz-cal vein salvages (2%), blebs in groundmass (</td><td>found as euhedral &lt;1%), with trace springers.</td><td>9.00</td><td>10.50</td><td>1.50</td><td>S028954</td><td>0.002</td><td>0.23</td><td>83.1</td><td>69.6</td><td>191</td></min:>	/ 0.5-2.0% pyrite / <0.5% pyrite / traces pyrite>> Py is foost,in qz-cal vein salvages (2%), blebs in groundmass (	found as euhedral <1%), with trace springers.	9.00	10.50	1.50	S028954	0.002	0.23	83.1	69.6	191
	e / 0.5-2.0% pyrite / 0.5-2.0% pyrite / traces pyrite>> Blures. Also as Py is found as euhedral disseminations (1-2 pringers.		10.50	12.00	1.50	S028955	0.008	0.24	99.6	45.7	123







Hole:	BR-115
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From (m) To (m) Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <min: -="" 0.5-2.0%="" 157="" 185.5:="" 2.0-5.0%="" pyrite="">&gt; Diss py (3%) and occasional py b</min:>	lebs (1-2%).	12.00	13.50	1.50	S028956	0.006	0.33	176.5	46.3	130
< <min: (1%).="" (2%)="" (<0.5%)="" (trace)="" (trace).="" (trace-2%),="" (up="" +="" -="" 0.5%).="" 0.5-2.0%="" 185.5="" 2.0-5.0%="" 211.6:="" <0.5%="" aggregates="" also="" and="" are="" as="" blebs="" bms="" both="" carl="" consistantly="" cpy="" disseminated="" finely="" fo="" found="" gn="" greater="" in="" is="" mn="" of="" py="" pyrite="" pyritized="" qz-cal="" salvages="" sph="" sphalerite="" td="" that<="" tis="" to="" typically="" vein="" veins="" while=""><td>o veins host aggregates of und both disseminated in</td><td>13.50</td><td>15.00</td><td>1.50</td><td>S028957</td><td>0.034</td><td>0.36</td><td>103</td><td>40.1</td><td>126</td></min:>	o veins host aggregates of und both disseminated in	13.50	15.00	1.50	S028957	0.034	0.36	103	40.1	126
< <min: -="" 0.5-2.0%="" 2.0-5.0%="" 211.6="" 221.59:="" <0.5%="" pyrite="">&gt; Host rock is pyrappears psuedo dentridic) replacement with blebs and fine disseminations.</min:>	itized as mottled (up to 4%,	15.00	16.50	1.50	S028958	0.009	0.28	108.5	38.4	107
< <min: -="" 0.5-2.0%="" 221.59="" 242.77:="" pyrite="">&gt; Host rock is pyritized as bleb associated with ep and as fine disseminations.</min:>	s (up to 2%) typically	16.50	18.00	1.50	S028959	0.002	0.32	183.5	35	113
< <alt: -="" 24="" 50.2:="" carbonate="" e="" moderate="" sericite="" silica="" strong="" to="" weak="">&gt; Strong pervasive sil alteration with mod ser halos and py. More prominent el intensification. Weak chl replacement of matrix. Matrix is variably weak-mod carbonaceous.</alt:>		18.00	19.50	1.50	S028961	0.005	0.37	138.5	43.8	108
<< Alt: 50.2 - 101.8: moderate to strong silica / weak to moderate sericite / weak chlorite / w phyllic alteration with strong silicification and weak-mod mottled sericite alteration. Matrix is varibly trace-weakly carbonaceous.		19.50	21.00	1.50	S028962	0.008	0.34	142.5	38.2	113
< <alt: -="" 101.8="" 139:="" alteration="" alteration.<="" and="" carbo="" carbonaceous="" chl="" chlorite="" epidote="" i="" matrix.="" moderate="" more="" mottled="" of="" pervasive="" replacement="" ser="" sericite="" sil="" silica="" td="" to="" trace="" weak="" with=""><td></td><td>21.00</td><td>22.50</td><td>1.50</td><td>S028963</td><td>0.098</td><td>0.47</td><td>160</td><td>67.4</td><td>215</td></alt:>		21.00	22.50	1.50	S028963	0.098	0.47	160	67.4	215
< <alt: -="" 139="" 156:="" alteration="" alteration.="" and="" carbonaceous.<="" chlorite="" is="" matrix="" moderate="" mottled="" phyllic="" sericite="" silica="" silicification="" strong="" td="" to="" trace-weakly="" variably="" wea="" weak="" weak-mod="" with=""><td></td><td>22.50</td><td>24.00</td><td>1.50</td><td>S028964</td><td>0.027</td><td>0.31</td><td>139</td><td>35.7</td><td>126</td></alt:>		22.50	24.00	1.50	S028964	0.027	0.31	139	35.7	126
<< Alt: 156 - 162: moderate to strong silica / weak to moderate epidote / weak sericite / weapatchy ep alteration likely vein associated.	k chlorite>> Intensified	24.00	25.50	1.50	S028965	0.035	0.3	134.5	41.9	137
<< Alt: 162 - 173: moderate to strong silica / weak to moderate sericite / weak carbonate / tr	ace chlorite>>	25.50	27.00	1.50	S028966	0.02	0.32	166	36.5	140
< <alt: -="" 173="" 184.5:="" epidote="" moderate="" silica="" to="" weak="">&gt; Faulted interval surrounding rocks.</alt:>	ll is less silicified than	27.00	28.50	1.50	S028967	0.083	0.28	109.5	37.1	140
< <alt: -="" 184.5="" 207.11:="" carbonate="" chlorite="" moderate="" sericite="" silica="" strong="" to="" weak="">&gt; Moderate phyllic alteration with strong silicification and weak-mod mottled so weakly chl altered with patchy ep alt and variably trace-weakly carbonaceous.</alt:>		28.50	30.00	1.50	S028968	0.729	0.66	120.5	40.9	122
< <alt: -="" 207.11="" 211.6:="" 8%="" alteration="" bms="" chlorite="" consisting="" disarticulated="" epinterval="" moderate="" of="" phyllic="" pyritized.<="" qz="" qz-cal="" rich="" s="" sericite="" silica="" strong="" td="" to="" trace="" veins.="" weak="" with=""><td></td><td>30.00</td><td>31.50</td><td>1.50</td><td>S028969</td><td>0.03</td><td>0.4</td><td>80.4</td><td>42.9</td><td>140</td></alt:>		30.00	31.50	1.50	S028969	0.03	0.4	80.4	42.9	140
<< Alt: 211.6 - 219: moderate silica / weak to moderate sericite / weak chlorite / weak epido	te / trace carbonate>>	31.50	33.00	1.50	S028971	0.06	0.48	48	54.4	140
<< Alt: 219 - 222.8: moderate to strong silica / weak to moderate sericite / weak chlorite / we	eak epidote>>	33.00	34.50	1.50	S028972	0.196	0.87	63.5	91.1	365
< <alt: -="" 222.8="" 242.77:="" chlorite="" ep<="" moderate="" sericite="" silica="" td="" to="" trace="" weak=""><td>dote / trace carbonate&gt;&gt;</td><td>34.50</td><td>36.00</td><td>1.50</td><td>S028973</td><td>0.042</td><td>0.62</td><td>74.1</td><td>152.5</td><td>210</td></alt:>	dote / trace carbonate>>	34.50	36.00	1.50	S028973	0.042	0.62	74.1	152.5	210



R-115

Sevent   23.5 = 0.02 : 1.0.5.0% quartz-calcide> Planar to weakly brecciated dominantly qc-cal +/ chl veins. The wide visins (28-bm wide) heat Min-cal Mass present are g-cal-by veins throughout with local qz-cal-laMN vein. Py is seen disseminated along salvages. Ep halos are found along some veins.  **Veins 10.5 : 1.0.5.0% quartz-calcides   Planar to weakly brecciated qz-cal+/-chl veins mainly barren with a few examples of diss py along salvages. Cylor 1.0.5.0% quartz-calcides   Planar to weakly brecciated qz-cal+/-chl veins mainly barren with a few examples of diss py along salvages.  **Veins 10.5 : 1.0.5.0% quartz-calcides   Planar qz-cal-py veins with disarticulated ep-py rich varieties.  **Veins 10.5 : 1.0.5.0% quartz-calcides   Planar qz-cal +/-chl veins (0.2.3cm wide) with less prominent low and purpose of the part	From (m)	To (m) Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
Examples of diss py along salvages   C-Vein: 105 - 136,5: 1.0-5.0% quartz-calcite-py riles with disarticulated ep-py rich varieties   39.0   42.0   15.0   5028976   0.18   0.35   123.5   39.7   129   120   12	veins (2-8d	cm wide) host Mn-cal. Also present are qz-cal-py veins throughou		36.00	37.50	1.50	S028974	0.022	0.32	57.3	45.4	141
Company   Comp			d qz-cal +/- chl veins mainly barren with a few	37.50	39.00	1.50	S028975	0.129	0.43	116	40.7	115
angle undulating qaceal-py quart-passe metal sulphides> Planar to weakly brecciated qac-pink cal-BMS veins. Most veins are planar qac-qal-t-py in Slvages (0.2-acm wide) while there are decimeter scale intervals with intensified vein brecciation with comprised of qac-pink calcide which host algregates of sph (15%) gan (15%) and trace quart-passe metal-py undulation with comprised of qac-pink calcide which host algregates of sph (15%) gan (15%) and trace quart-passe metal-py undulation with comprised of qac-pink calcide which host algregates of sph (15%) gan (15%) and trace quart-passe metal-py undulation with comprised of qac-pink calcide which host algregates of sph (15%) gan (15%) and trace quart-passe with intensified vein-posses phase quart-passe metal-py planar qac-qal-vein (15%) gan drace quart-passes phase qaceal-py undulation with comprised of qac-pink calcide which host algregates of sph (15%) gan drace quart-passes phase qaceal-py undulation qaceal-py undulation qaceal-py undulation qaceal-py undulation qaceal-py undulation qaceal-py qaceal-py undulation qaceal-py undulation qaceal-py qaceal-py undulation qaceal-py qaceal-py undulation qaceal-py qa	< <vein: 10<="" td=""><td>05 - 136.5: 1.0-5.0% quartz-calcite-pyrite&gt;&gt; Planar qz-cal-py ve</td><td>ins with disarticulated ep-py rich varieties.</td><td>39.00</td><td>40.50</td><td>1.50</td><td>S028976</td><td>0.108</td><td>0.35</td><td>123.5</td><td>39.7</td><td>129</td></vein:>	05 - 136.5: 1.0-5.0% quartz-calcite-pyrite>> Planar qz-cal-py ve	ins with disarticulated ep-py rich varieties.	39.00	40.50	1.50	S028976	0.108	0.35	123.5	39.7	129
CVein: 162 - 172: 1.0-5.0% quartz-calcite-chlorite>> 0.2-3cm wide qz-cc +/- chl and pink cal veins weakly brecciated to planar.         43.50         45.00         1.50         5028979         0.075         0.32         120.5         50         141 to planar.           CVein: 172 - 184: <1.0 quartz-calcite>> Trace planar qz-cal veining present.         45.00         46.50         1.50         5028981         0.111         0.45         86.7         51.7         240           CVein: 184 - 207.11: 1.0-5.0% quartz-base metal sulphides>> Planar to weakly brecciated qz-pink call- BMS veins. Most veins are planar qz-cal +/- py in Sivages (0.2-2cm wide) while there are decimeter scale intervals aggregates of sph (10-03%) and trace opp.         46.50         48.00         1.50         5028982         0.20         0.38         94.7         47.2         221           Most veins are planar qz-cal +/- py in Sivages (0.2-2cm wide) while there are decimeter scale intervals aggregates of sph (10-03%) and trace opp.         46.50         48.00         49.50         1.50         5028983         0.37         0.52         123         41.9         188           Contains aggregates of sph (locally 2%) and blebs of diss py along salvages and trace gn aggregates. Wall rock is strongly bleached.         49.50         1.50         1.50         5028983         0.37         0.52         123         41.9         188           Corbitation Spirit (2.2.5) = 2.22.8: 1.0-5.0% quartz-calci				40.50	42.00	1.50	S028977	0.132	0.21	88.4	38.9	138
to planar.	< <vein: 15<="" td=""><td>57.3 - 162: &lt;1.0 epidote Veins&gt;&gt; Planar set of ep-qz-cal veinlet</td><td>s (&lt;0.5cm wide)</td><td>42.00</td><td>43.50</td><td>1.50</td><td>S028978</td><td>0.019</td><td>0.18</td><td>50.9</td><td>43.3</td><td>121</td></vein:>	57.3 - 162: <1.0 epidote Veins>> Planar set of ep-qz-cal veinlet	s (<0.5cm wide)	42.00	43.50	1.50	S028978	0.019	0.18	50.9	43.3	121
CVein: 184 - 207.11: 1.0-5.0% quartz-base metal sulphides>> Planar to weakly brecciated qz-pink cal- BMS veins. Most veins are planar qz-cal +/- py in Slvages (02-2cm wide) while there are decimeter scale intervals with intensified vein brecciation with comprised of qz-pink cal-let which host aggregates of sph (1%) gn (<0.3%) and trace cpy.         46.50         48.00         1.50         S028982         0.205         0.38         94.7         47.2         221           CVein: 207.11 - 211.6: 1.0-5.0% quartz-base metal sulphides>> Swarm of planar to weakly brecciated qz-BMS veins. Contains aggregates of sph (locally 2%) and blebs of diss py along salvages and trace gn aggregates. Wall rock is strongly bleached.         48.00         49.50         1.50         S028983         0.37         0.52         123         41.9         188           Contains aggregates of sph (locally 2%) and blebs of diss py along salvages and trace gn aggregates. Wall rock is strongly bleached.         48.00         49.50         1.50         S028983         0.37         0.52         123         41.9         188           contains aggregates of sph (locally 2%) and blebs of diss py along salvages and trace gn aggregates. Wall rock is strongly bleached.         49.50         51.00         50.00         0.50         0.88         0.416         0.63         122.5         72.7         425           evotin 221.6: -221.59: <1.6.0-50.% quartz-calcites-pink calcites-y large and weighty undulatory qz-cal veins (0.2-3cm wide) with trace qz-ank veinlets. Py sporadically present disseminated along		62 - 172: 1.0-5.0% quartz-calcite-chlorite>> 0.2-3cm wide qz-cc	+/- chl and pink cal veins weakly brecciaed	43.50	45.00	1.50	S028979	0.075	0.32	120.5	50	141
Most veins are planar qz-cal +/- py in Slvages (0,2-zcm wide) while there are decimeter scale intervals with intensified vein brecciation with comprised of qz-pink calcite which host aggregates of sph (<1%) gn (<0.3%) and trace cpy.  **Celin: 207.11 - 211.6: 1.0-5.0% quartz-base metal sulphides>> Swarm of planar to weakly brecciated qz-BMS veins. Contains aggregates of sph (locally 2%) and blebs of diss py along salvages and trace gn aggregates. Wall rock is strongly bleached.  **Celin: 211.6 - 221.59: <1.0 quartz-calcite>> planar qz-cal veins <0.5cm wide. Wall rock is strongly bleached in lower portion of interval.  **Celin: 221.59 - 222.8: 1.0-5.0% quartz-calcite>> Planar and weakly undulatory qz-cal-Mn carb veins.  **Celin: 222.8 - 289.5: 1.0-5.0% quartz-calcite>> Planar to weakly undulatory qz-cal veins (0.2-3cm wide) with trace qz-and veinlets. Py sporadically present disseminated along salvages.  **Struc: 180.92 - 183.34: moderately developed fault zone 70 deg. >> Consists of 90% broken rock. Strong pervasive challeration weakly silicified in compared to surrounding rock. Ep along fracture surfaces.  **Struc: 80.92 - 180.9	< <vein: 17<="" td=""><td>72 - 184: &lt;1.0 quartz-calcite&gt;&gt; Trace planar qz-cal veining pres</td><td>ent.</td><td>45.00</td><td>46.50</td><td>1.50</td><td>S028981</td><td>0.111</td><td>0.45</td><td>86.7</td><td>51.7</td><td>240</td></vein:>	72 - 184: <1.0 quartz-calcite>> Trace planar qz-cal veining pres	ent.	45.00	46.50	1.50	S028981	0.111	0.45	86.7	51.7	240
Contains aggregates of sph (locally 2%) and blebs of diss py along salvages and trace gn aggregates. Wall rock is strongly bleached in lower portion of interval.   <-Vein: 221.59: <1.0 quartz-calcite> planar qz-cal veins <0.5cm wide. Wall rock is strongly bleached in lower portion of interval.   <-Vein: 221.59: <21.09 quartz-calcite> planar qz-cal veins <0.5cm wide. Wall rock is strongly bleached in lower portion of interval.   <-Vein: 221.59: <22.82.828.5: 1.0-5.0% quartz-calcite-pink calcite> Planar and weakly undulatory qz-cal-Wn carb veins.   <-Vein: 222.8 - 289.5: 1.0-5.0% quartz-calcite> Planar to weakly undulatory qz-cal-wins (0.2-3cm wide) with trace qz-ank veinlets. Py sporadically present disseminated along salvages.   <-Struc: 180.92 - 183.34: moderately developed fault zone 70 deg. >> Consists of 90% broken rock. Strong pervasive chl alteration weakly silicified in compared to surrounding rock. Ep along fracture surfaces.   55.00 57.00 1.50 502898 0.012 0.69 104.5 31 175 175 175. 96. 175 175. 96. 175 175. 96. 175 175. 975. 975. 975. 975. 975. 975. 975. 9	Most veins	s are planar qz-cal +/- py in Slvages (0.2-2cm wide) while there are	e decimeter scale intervals with intensified	46.50	48.00	1.50	S028982	0.205	0.38	94.7	47.2	221
portion of interval.	Contains a	aggregates of sph (locally 2%) and blebs of diss py along salvages		48.00	49.50	1.50	S028983	0.374	0.52	123	41.9	188
< <vein: -="" 1.0-5.0%="" 222.8="" 289.5:="" quartz-calcite="">&gt; Planar to weakly undulatory qz-cal veins (0.2-3cm wide) with trace qz-ank veinlets. Py sporadically present disseminated along salvages.       52.50       54.00       1.50       \$028986       0.818       1.1       168       63       639         &lt;<struc: -="" 180.92="" 183.34:="" 70="" deg.="" developed="" fault="" moderately="" zone="">&gt; Consists of 90% broken rock. Strong pervasive chl alteration weakly silicified in compared to surrounding rock. Ep along fracture surfaces.       55.50       57.00       1.50       \$028987       0.25       0.85       104.5       31       175         55.50       57.00       1.50       \$028988       0.097       0.57       75.2       42.5       99         57.00       58.50       1.50       \$028988       0.097       0.57       75.2       42.5       99         57.00       58.50       1.50       \$028988       0.097       0.57       75.2       42.5       99         58.50       60.00       1.50       \$028989       0.012       0.69       109.5       52.5       96         58.50       60.00       1.50       \$028991       0.008       0.64       91.1       69.8       104         60.00       61.50       1.50       \$028993       0.006       0.74       114       94.1       190<td></td><td></td><td>wide. Wall rock is strongly bleached in lower</td><td>49.50</td><td>51.00</td><td>1.50</td><td>S028984</td><td>0.416</td><td>0.63</td><td>122.5</td><td>72.7</td><td>425</td></struc:></vein:>			wide. Wall rock is strongly bleached in lower	49.50	51.00	1.50	S028984	0.416	0.63	122.5	72.7	425
ank veinlets. Py sporadically present disseminated along salvages.  <-Struct: 180.92 - 183.34: moderately developed fault zone 70 deg. >> Consists of 90% broken rock. Strong pervasive chl alteration weakly silicified in compared to surrounding rock. Ep along fracture surfaces.   55.50 57.00 1.50 \$028988 0.097 0.57 75.2 42.5 99   57.00 58.50 1.50 \$028989 0.012 0.69 109.5 52.5 96   58.50 60.00 1.50 \$028991 0.008 0.64 91.1 69.8 104   60.00 61.50 63.00 1.50 \$028992 0.006 0.57 90.5 52.9 97   61.50 63.00 64.50 1.50 \$028994 0.009 0.63 96.3 40.5 90   64.50 66.00 1.50 \$028995 0.013 0.51 64.7 41.1 92	< <vein: 22<="" td=""><td>21.59 - 222.8: 1.0-5.0% quartz-calcite-pink calcite&gt;&gt; Planar and</td><td>d weakly undulatory qz-cal-Mn carb veins.</td><td>51.00</td><td>52.50</td><td>1.50</td><td>S028985</td><td>0.684</td><td>0.85</td><td>178</td><td>42.6</td><td>310</td></vein:>	21.59 - 222.8: 1.0-5.0% quartz-calcite-pink calcite>> Planar and	d weakly undulatory qz-cal-Mn carb veins.	51.00	52.50	1.50	S028985	0.684	0.85	178	42.6	310
chl alteration weakly silicified in compared to surrounding rock. Ep along fracture surfaces.    55.50   57.00   1.50   5028988   0.097   0.57   75.2   42.5   99			tory qz-cal veins (0.2-3cm wide) with trace qz-	52.50	54.00	1.50	S028986	0.818	1.1	168	63	639
57.00       58.50       1.50       S028989       0.012       0.69       109.5       52.5       96         58.50       60.00       1.50       S028991       0.008       0.64       91.1       69.8       104         60.00       61.50       1.50       S028992       0.006       0.57       90.5       52.9       97         61.50       63.00       1.50       S028993       0.006       0.74       114       94.1       190         63.00       64.50       1.50       S028994       0.009       0.63       96.3       40.5       90         64.50       66.00       1.50       S028995       0.013       0.51       64.7       41.1       92				54.00	55.50	1.50	S028987	0.25	0.85	104.5	31	175
58.50       60.00       1.50       S028991       0.008       0.64       91.1       69.8       104         60.00       61.50       1.50       S028992       0.006       0.57       90.5       52.9       97         61.50       63.00       1.50       S028993       0.006       0.74       114       94.1       190         63.00       64.50       1.50       S028994       0.009       0.63       96.3       40.5       90         64.50       66.00       1.50       S028995       0.013       0.51       64.7       41.1       92				55.50	57.00	1.50	S028988	0.097	0.57	75.2	42.5	99
60.00       61.50       1.50       S028992       0.006       0.57       90.5       52.9       97         61.50       63.00       1.50       S028993       0.006       0.74       114       94.1       190         63.00       64.50       1.50       S028994       0.009       0.63       96.3       40.5       90         64.50       66.00       1.50       S028995       0.013       0.51       64.7       41.1       92				57.00	58.50	1.50	S028989	0.012	0.69	109.5	52.5	96
61.50       63.00       1.50       \$028993       0.006       0.74       114       94.1       190         63.00       64.50       1.50       \$028994       0.009       0.63       96.3       40.5       90         64.50       66.00       1.50       \$028995       0.013       0.51       64.7       41.1       92				58.50	60.00	1.50	S028991	0.008	0.64	91.1	69.8	104
63.00       64.50       1.50       S028994       0.009       0.63       96.3       40.5       90         64.50       66.00       1.50       S028995       0.013       0.51       64.7       41.1       92				60.00	61.50	1.50	S028992	0.006	0.57	90.5	52.9	97
64.50 66.00 1.50 S028995 0.013 0.51 64.7 41.1 92				61.50	63.00	1.50	S028993	0.006	0.74	114	94.1	190
				63.00	64.50	1.50	S028994	0.009	0.63	96.3	40.5	90
66.00 67.50 1.50 S028996 0.008 0.6 74 34.5 118				64.50	66.00	1.50	S028995	0.013	0.51	64.7	41.1	92
				66.00	67.50	1.50	S028996	0.008	0.6	74	34.5	118





From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
67.50	69.00	1.50	S028997	0.002	0.53	71.5	59.7	393
69.00	70.50	1.50	S028998	0.002	0.64	95.3	42.4	231
70.50	72.00	1.50	S028999	0.002	0.97	156.5	99.5	425
72.00	73.50	1.50	S029001	0.002	0.96	185.5	77.7	241
73.50	75.00	1.50	S029002	0.002	0.8	164.5	44.9	189
75.00	76.50	1.50	S029003	0.147	0.98	173.5	38.7	171
76.50	78.00	1.50	S029004	0.005	0.75	128	37.1	92
78.00	79.50	1.50	S029005	0.002	0.56	138	34.8	90
79.50	81.00	1.50	S029006	0.002	0.41	152.5	29.1	106
81.00	82.50	1.50	S029007	0.002	0.39	120.5	24.9	96
82.50	84.00	1.50	S029008	0.007	0.69	113	36.3	122
84.00	85.50	1.50	S029009	0.005	0.58	127	27.3	93
85.50	87.00	1.50	S029011	0.011	0.62	111.5	26.4	136
87.00	88.50	1.50	S029012	0.019	0.79	170	33	2010
88.50	90.00	1.50	S029013	0.202	0.67	86.4	21.8	110
90.00	91.50	1.50	S029014	0.115	0.95	79.1	29.5	92
91.50	93.00	1.50	S029015	0.021	0.95	112.5	49.6	71
93.00	94.50	1.50	S029016	0.002	0.54	92.6	37.1	72
94.50	96.00	1.50	S029017	0.002	0.39	86.5	33.4	75
96.00	97.50	1.50	S029018	0.01	0.42	98.7	27.7	88
97.50	99.00	1.50	S029019	0.017	0.44	101.5	26.2	94
99.00	100.50	1.50	S029021	0.009	0.45	104.5	29.5	96
100.50	102.00	1.50	S029022	0.059	0.47	126	21.7	101
102.00	103.50	1.50	S029023	0.209	0.46	136	22.7	110
103.50	105.00	1.50	S029024	0.038	0.34	111.5	21.7	115
105.00	106.50	1.50	S029025	0.033	0.32	119.5	26.2	100
106.50	108.00	1.50	S029026	0.058	0.35	142	25.3	126
108.00	109.50	1.50	S029027	0.068	0.36	90	31.4	103
109.50	111.00	1.50	S029028	0.038	0.41	151.5	22.8	103





Hole: BR-115

From (m) To (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best

From (m)	10 (m)	Length	Sample #	ppm ppm	Ag Best ppm	ppm ppm	ppm ppm	2n Best ppm
111.00	112.50	1.50	S029029	0.068	0.36	139	16.4	113
112.50	114.00	1.50	S029031	0.063	0.34	90.5	26	113
114.00	115.50	1.50	S029032	0.098	0.38	95.9	26.6	97
115.50	117.00	1.50	S029033	0.132	0.85	301	21	95
117.00	118.50	1.50	S029034	0.014	0.21	15.8	24.3	82
118.50	120.00	1.50	S029035	0.021	0.66	265	15	109
120.00	121.50	1.50	S029036	0.021	0.41	39.7	22.6	88
121.50	123.00	1.50	S029037	0.013	0.28	20.3	29.8	94
123.00	124.50	1.50	S029038	0.016	1.09	417	30.1	92
124.50	126.00	1.50	S029039	0.01	0.56	215	17.2	86
126.00	127.50	1.50	S029041	0.01	0.56	245	20.3	86
127.50	129.00	1.50	S029042	0.017	0.28	47.1	39.3	115
129.00	130.50	1.50	S029043	0.051	0.22	70.5	24.2	107
130.50	132.00	1.50	S029044	0.008	0.16	25.9	23.5	127
132.00	133.50	1.50	S029045	0.012	0.2	59.6	26.1	111
133.50	135.00	1.50	S029046	0.022	0.27	110	19.8	117
135.00	136.50	1.50	S029047	0.108	0.35	135.5	20.3	92
136.50	138.00	1.50	S029048	0.018	0.35	84.3	21.9	105
138.00	139.50	1.50	S029049	0.027	0.73	87.4	31.9	128
139.50	141.00	1.50	S029051	0.005	0.01	1.7	0.5	1
141.00	142.50	1.50	S029052	0.034	0.65	175.5	29.1	94
142.50	144.00	1.50	S029053	0.022	0.47	132.5	21.7	91
144.00	145.50	1.50	S029054	0.021	0.44	104	25.7	94
145.50	147.00	1.50	S029055	0.022	0.3	46.2	21.6	94
147.00	148.50	1.50	S029056	0.021	0.27	24.7	21.9	101
148.50	150.00	1.50	S029057	0.024	0.23	17	16.8	98
150.00	151.50	1.50	S029058	0.014	0.25	37.5	15.5	95
151.50	153.00	1.50	S029059	0.017	0.31	125	20.8	94
153.00	154.50	1.50	S029061	0.028	0.41	147	21.5	93





r rom (m)	10 (111)	Length	Janipie #	ppm	ppm	ppm	ppm	ppm
154.50	156.00	1.50	S029062	0.028	0.35	104.5	23.6	89
156.00	157.50	1.50	S029063	0.084	0.7	371	25.1	99
157.50	159.00	1.50	S029064	0.06	0.28	118	10.4	66
159.00	160.50	1.50	S029065	0.084	0.15	12.9	7.4	64
160.50	162.00	1.50	S029066	0.015	0.24	81.2	16.7	82
162.00	163.50	1.50	S029067	0.006	0.33	17.6	44.2	110
163.50	165.00	1.50	S029068	0.012	0.4	61.2	39.6	94
165.00	166.50	1.50	S029069	0.009	0.44	113	29.7	162
166.50	168.00	1.50	S029071	0.011	0.5	141.5	37.5	91
168.00	169.50	1.50	S029072	0.013	0.36	126.5	29	70
169.50	171.00	1.50	S029073	0.022	0.45	131.5	27.3	71
171.00	172.50	1.50	S029074	0.016	0.46	149	25.4	84
172.50	174.00	1.50	S029075	0.038	0.64	169.5	24.3	92
174.00	175.50	1.50	S029076	0.067	0.79	159.5	35.5	113
175.50	177.00	1.50	S029077	0.092	0.48	127	18.6	90
177.00	178.50	1.50	S029078	0.033	0.28	81	15.7	123
178.50	180.00	1.50	S029079	0.016	0.31	76.2	22	127
180.00	181.50	1.50	S029081	0.02	0.36	113.5	25.6	113
181.50	183.00	1.50	S029082	0.022	0.41	212	15.1	106
183.00	184.50	1.50	S029083	0.037	0.49	149	21.5	98
184.50	186.00	1.50	S029084	0.018	0.6	113	35.1	315
186.00	187.50	1.50	S029085	1.17	1.17	61.5	25	119
187.50	189.00	1.50	S029086	0.021	0.79	72	23.9	118
189.00	190.50	1.50	S029087	0.014	0.92	93.7	28	123
190.50	192.00	1.50	S029088	0.016	0.74	132.5	18.5	117
192.00	193.50	1.50	S029089	0.029	0.86	155.5	25	152
193.50	195.00	1.50	S029091	0.014	0.66	64.6	29.2	374
195.00	196.50	1.50	S029092	0.024	1.01	55.6	192	1340
196.50	198.00	1.50	S029093	0.029	1.06	87.1	211	1460





From (m)

## **GeoSpark: Drill Hole Report**

Hole: BR-115 To (m)

**Rock Type & Description** 

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
198.00	199.50	1.50	S029094	0.104	0.86	34.4	174.5	1000
199.50	201.00	1.50	S029095	0.098	1.49	176.5	448	1480
201.00	202.50	1.50	S029096	0.01	1.04	192	309	1290
202.50	204.00	1.50	S029097	0.117	0.87	52.5	249	776
204.00	205.50	1.50	S029098	0.024	0.51	79	58.2	187
205.50	206.50	1.00	S029099	0.017	0.53	96.3	49	128
206.50	207.11	0.61	S029101	0.018	0.45	78.4	52	127
207.11	208.50	1.39	S029102	0.055	2.52	68.1	292	637
208.50	210.00	1.50	S029103	0.083	2.99	96.9	696	5460
210.00	211.00	1.00	S029104	0.032	3.38	187	519	2650
211.00	211.60	0.60	S029105	0.021	0.94	220	349	1780
211.60	212.50	0.90	S029106	0.016	0.92	188.5	322	1200
212.50	213.00	0.50	S029107	0.016	0.71	72.5	298	1490
213.00	214.50	1.50	S029108	0.016	0.74	79.7	306	1440
214.50	216.00	1.50	S029109	0.021	0.76	97.3	182.5	570
216.00	217.50	1.50	S029111	0.027	0.93	165	245	697
217.50	219.00	1.50	S029112	0.037	0.6	106	217	1250
219.00	220.50	1.50	S029113	0.039	1.67	120	329	2920
220.50	221.00	0.50	S029114	0.045	1.43	112	488	3540
221.00	221.59	0.59	S029115	0.145	1.32	138	592	3610
221.59	222.80	1.21	S029116	0.249	0.97	27.5	360	476
222.80	223.50	0.70	S029117	0.025	0.82	78	258	1300
223.50	225.00	1.50	S029118	0.023	0.53	85.9	71.9	292
225.00	226.50	1.50	S029119	0.03	0.59	54.2	234	970
226.50	228.00	1.50	S029121	0.029	0.6	86	167.5	771
228.00	229.50	1.50	S029122	0.066	0.47	81	32.5	162
229.50	231.00	1.50	S029123	0.064	0.92	119.5	121.5	390
231.00	232.50	1.50	S029124	0.046	1.25	202	319	670
232.50	234.00	1.50	S029125	0.05	1.31	181.5	172.5	651



Hole: BR-	-115									
From (m) To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		234.00	235.50	1.50	S029126	0.016	0.84	119.5	114	541
		235.50	237.00	1.50	S029127	0.016	0.79	92.9	150	832
		237.00	238.50	1.50	S029128	0.023	1	122	35.4	108
		238.50	240.00	1.50	S029129	0.048	1	125.5	126.5	592
		240.00	241.50	1.50	S029131	0.032	0.71	85.4	54.8	352
		241.50	242.77	1.27	S029132	0.033	1.16	142	35.5	313
		242.77	243.50	0.73	S029133	0.067	0.87	93.6	59.8	1420
242.77 301.00 V8	Mafic volcanic rocks (basaltic- greenish grey V-csh andesite, basalt; silica content 45-57%)	243.50	244.50	1.00	S029134	0.026	0.98	123	61.6	1700
of 30-60% curviplanar coarse lap dark grey-blue tuffaceous matrix ep altered. Patchy ep and finely	lapilli tuff. Compositionally similar too- but more mafic rich than the above unit. Comprised billi-bomb sized mafic clasts. The greyish clasts are strongly sil-ser altered hosted in a . The unit exhibits strong pervasive sil alteration, while the matrix exhibits weak patchy chldisseminated py dominantly interstitial of clasts with sporadic examples of clast I veining (0.2-3cm wide) with trace py.									
	% pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> Py found replacing matrix (up to 2-3%) (1%) as well as finely disseminated clasts (1-2%).	244.50	246.00	1.50	S029135	0.048	1.02	128.5	42.6	473
	pyrite / 0.5-2.0% pyrite / <0.5% sphalerite / <0.5% pyrite / traces pyrite>> Blebs of sph veins. With finely disseminated py along salvages and lesser in the vein.	246.00	247.50	1.50	S029136	0.031	0.87	113.5	39.9	224
	silica / weak to moderate chlorite / weak sericite / weak epidote / trace carbonate>> vs slightly increased chl alteration in matrix, and mottled ep alteration with less ser altered	247.50	249.00	1.50	S029137	0.023	0.92	134.5	26.4	105
more sparse weakly brecciated	quartz-calcite>> Dominantly planar qz-cal +/- chl veins (0.2-3cm wide), with larger but planar qz-cal-BMS +/- Mn carb (1-10cm wide), and rare planar qz-ank veins (0.1-1.5cm). aggregates of sph (1%) along vein margins +/- diss py and py in salvages (1%) +/- chl. Mn-qz-cal-chl vein at 328.23m.	249.00	250.50	1.50	S029138	0.022	0.89	100	24.8	108
		250.50	252.00	1.50	S029139	0.019	0.8	80.5	21.6	92
		252.00	253.50	1.50	S029141	0.013	0.96	119	19.9	114
		253.50	255.00	1.50	S029142	0.013	0.87	85.7	22	142
			256.50	1.50	S029143	0.022	0.85	82.8	24.5	139
		255.00	250.50	1.50	3023113	0.022	0.05	02.0	24.5	133
		255.00 256.50	258.00	1.50	S029144	0.019	0.7	82.4	19.9	198





Hole: BR-115

From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best

From (m)	10 (m)	Length	Sample #	ppm ppm	ppm	ppm	ppm pp Best	ppm ppm
259.50	261.00	1.50	S029146	0.017	1	95.1	28.4	106
261.00	262.50	1.50	S029147	0.016	1.28	121	22.6	125
262.50	264.00	1.50	S029148	0.02	0.86	103.5	20.7	115
264.00	265.50	1.50	S029149	0.051	0.91	83.3	35.8	152
265.50	267.00	1.50	S029151	0.022	0.75	87.8	20.6	141
267.00	268.50	1.50	S029152	0.017	0.86	130	15.1	156
268.50	270.00	1.50	S029153	0.014	0.86	126	20.5	144
270.00	271.50	1.50	S029154	0.014	0.91	131	12.2	139
271.50	273.00	1.50	S029155	0.024	1.08	142	13.9	79
273.00	274.50	1.50	S029156	0.023	0.93	152	12.4	77
274.50	276.00	1.50	S029157	0.028	0.78	88	12.9	88
276.00	277.50	1.50	S029158	0.03	0.84	96.9	13.8	108
277.50	279.00	1.50	S029159	0.157	0.89	145	14	122
279.00	280.50	1.50	S029161	0.063	0.88	132	58.1	452
280.50	282.00	1.50	S029162	0.04	1.02	141	126.5	795
282.00	283.50	1.50	S029163	0.026	0.82	135	12.9	94
283.50	285.00	1.50	S029164	0.032	0.91	150	11.4	102
285.00	286.50	1.50	S029165	0.022	0.74	127.5	10.4	85
286.50	288.00	1.50	S029166	0.043	0.73	108.5	15.5	75
288.00	289.50	1.50	S029167	0.03	0.67	113.5	20.8	100
289.50	291.00	1.50	S029168	0.054	1.07	213	15.9	115
291.00	292.50	1.50	S029169	0.044	1.17	130.5	228	780
292.50	294.00	1.50	S029171	0.059	1	95.1	201	528
294.00	295.50	1.50	S029172	0.033	0.99	126	168	2370
295.50	297.00	1.50	S029173	0.015	0.82	149	121.5	2470
297.00	298.50	1.50	S029174	0.02	1.29	161	737	1500
298.50	300.00	1.50	S029175	0.031	0.71	67.3	65.7	152
300.00	301.00	1.00	S029176	0.029	0.79	61.5	49.2	77





Hole:	BR	-115										
From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
301.00	354.73 V8	Mafic volcanic rocks (basaltic andesite, basalt; silica content 45-57%)	- greenish grey V-fsh	301.00	302.50	1.50	S029177	0.007	1.15	106	47.5	136
lapilli clasts ( ep rich mottle mineralizatio rounded grey (<1mm) of ca salvages (1% intensify pref planar qz-caı	(10-25%). Matrix is ed intervals. Intervals in (1-3%). The Tuffayish silica rich clast arbonaceous mater (6), blebs in grounds ferential to strong s	rey mafic ash tuff. Coarse ash matrix with sparse were moderately to strongly chl altered, overprinted by strough and strongly chl altered, overprinted by strough appear weakly phyllic alteration is comprised of we accous ground mass hosts occasional chl altered felos. The tuffaceous groundmass is variably weakly carlial. Pyrite mineralization (1-3%) is observed as euhernass (<1%), with trace springers and replacing lapilli licification and often near epidote altered intervals. Tocal qz-cal-Mn cal veins host aggregates of sph ( <a href="mailto:al-chl veins">al-chl veins</a> .	ong silicification with decimeter scale eak patchy sericite alt and py spar fragments (<0.3cm) and sub conaceous with occasional flecks dral disseminations (~2%), vein clasts. Py mineralization is seen to the dominant vein set consists of									
decreases i	in compared to prev	% pyrite / <0.5% pyrite / <0.5% sphalerite / <0.5% pyr vious lapilli rich interval. Now found as blebs and diss reloped QSP halo. Minor amounts of sph blebs hoste	eminations within the matrix. Some	302.50	304.00	1.50	S029178	0.005	1.05	136	45.2	135
associated v		pyrite / 0.5-2.0% sphalerite / <0.5% pyrite>> Increa and strongly silicified-weakly defined qz-cal vein netw ffaceous matrix.		304.00	305.50	1.50	S029179	0.009	0.96	139.5	39.9	93
< <min: 334<="" td=""><td>- 354.73: 0.5-2.0%</td><td>pyrite / &lt;0.5% pyrite / &lt;0.5% pyrite / traces pyrite&gt;&gt;</td><td></td><td>305.50</td><td>307.00</td><td>1.50</td><td>S029181</td><td>0.011</td><td>0.89</td><td>105.5</td><td>32.1</td><td>107</td></min:>	- 354.73: 0.5-2.0%	pyrite / <0.5% pyrite / <0.5% pyrite / traces pyrite>>		305.50	307.00	1.50	S029181	0.011	0.89	105.5	32.1	107
	oderately chl altered	silica / moderate chlorite / weak sericite / weak epide d overprinted by moderate pervasive silification. Patc		307.00	308.50	1.50	S029182	0.018	0.94	105.5	34.3	135
		z-calcite>> Planar qz-cal +/- chl veins (0.2-1cm wid al-Mn carb vein no accurate TCA can be taken.	e) with TCA's ~50 degrees. One	308.50	310.00	1.50	S029183	0.032	1.19	169	15.2	115
2) Planar qz	z-ank (0.1-1cm wide	quartz-calcite>> 1) Planar discontinuous qz-cal +/e) TCA ~50. Some examples have QSP halos chl +/- py (0.2-2cm wide) weak bands of chl TCA ~ 10	,	310.00	311.50	1.50	S029184	0.022	0.91	115.5	12.7	112
	54.17 - 354.73: mod ge. Well defined TC	derately developed fault zone 47 deg. >> 80% brok A angle.	en rock, with minor clay and chl	311.50	313.00	1.50	S029185	0.039	1.05	139	16	128
				313.00	314.50	1.50	S029186	0.059	1.19	132	24.3	135
				314.50	316.00	1.50	S029187	0.037	1.21	155	14	122
				316.00	317.50	1.50	S029188	0.064	1.58	226	34.5	245
				317.50	319.00	1.50	S029189	0.03	1.25	187	32.4	2270





Hole: BR-115

From (m) To (m) To (m) Length Sample # Au Bes

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
319.00	320.50	1.50	S029191	0.038	1.94	187.5	761	6160
320.50	322.00	1.50	S029192	0.027	0.86	91.9	108	124
322.00	323.50	1.50	S029193	0.014	0.75	69.5	60.5	268
323.50	325.00	1.50	S029194	0.007	1.14	112	65.6	245
325.00	326.50	1.50	S029195	0.016	0.96	108.5	58.9	259
326.50	328.00	1.50	S029196	0.011	1.15	127.5	51.6	454
328.00	329.50	1.50	S029197	0.301	1.17	99.6	89.9	699
329.50	331.00	1.50	S029198	0.008	0.95	109.5	73.5	317
331.00	332.50	1.50	S029199	0.007	1.11	133.5	71.3	618
332.50	334.00	1.50	S029201	0.008	1.18	147.5	45.6	350
334.00	335.50	1.50	S029202	0.002	1.16	137	101	466
335.50	337.00	1.50	S029203	0.005	1.27	144.5	52.2	318
337.00	338.50	1.50	S029204	0.006	1.01	108	113	420
338.50	340.00	1.50	S029205	0.03	1.43	109.5	36.2	146
340.00	341.50	1.50	S029206	0.022	1.62	142	23.4	178
341.50	343.00	1.50	S029207	0.02	1.02	67	26.8	107
343.00	344.50	1.50	S029208	0.107	1.01	88.6	20.1	120
344.50	346.00	1.50	S029209	0.041	1.13	135	30.2	122
346.00	347.50	1.50	S029211	0.011	0.83	68.6	49.3	98
347.50	349.00	1.50	S029212	0.008	1.08	130	34.2	83
349.00	350.50	1.50	S029213	0.028	1.17	151.5	30.2	97
350.50	352.00	1.50	S029214	0.054	0.44	49.9	10	93
352.00	353.50	1.50	S029215	0.035	0.51	74.5	8.1	96
353.50	354.73	1.23	S029216	0.013	0.49	106.5	9.3	124
354.73	355.50	0.77	S029217	0.006	0.72	159.5	16.5	236





Hole:	BR-1	15									
From (m) To	¯o (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
354.73 4	53.80 V8	Mafic volcanic rocks (basaltic- greenish grey V-csh andesite, basalt; silica content 45-57%)	355.50	357.00	1.50	S029218	0.008	0.65	101.5	17.4	253
fragments. The alt and patchy e and stringers. V scale qz-cal +/-	unit exhibits modera ep alt. Patchy mottle /eining is dominated · Mn-carb hydrothern	apilli tuff. Comprised of 30-50% fine grained mafic lapilli clasts with silica rich atte pervasive sil alteration, while the tuffaceous matrix exhibits moderate pervasive depidote altered intervals are more strongly pyritized (3-5%) as blebs, dissemination by planar-weakly brecciated qz-cal (0.2-3cm wide) with trace py, decimeter to meter all breccia intervals. Hydrothermal brecciated intervals are largely barren with dissiple near qz-cal vein salvages.	ns r								
	3 - 380.06: 2.0-5.0% apilli clasts as blebs a	pyrite / 0.5-2.0% pyrite / <0.5% pyrite / traces pyrite>> Increase of pyritization and disseminations.	357.00	358.50	1.50	S029219	0.025	0.8	130	14.8	538
		pyrite / 0.5-2.0% pyrite>> Hydrothermal breccia interval consisting of abundant pla veins. Barren with minor py in salvages.	nar 358.50	360.00	1.50	S029221	0.019	0.68	75.4	11.8	153
< <min: -<="" 397.1="" td=""><td>- 427.75: 0.5-2.0% p</td><td>oyrite / &lt;0.5% pyrite / &lt;0.5% pyrite&gt;&gt;</td><td>360.00</td><td>361.50</td><td>1.50</td><td>S029222</td><td>0.006</td><td>0.79</td><td>113</td><td>14.6</td><td>234</td></min:>	- 427.75: 0.5-2.0% p	oyrite / <0.5% pyrite / <0.5% pyrite>>	360.00	361.50	1.50	S029222	0.006	0.79	113	14.6	234
< <min: 427.75="" in="" qz-cal="" s<="" td="" vein=""><td></td><td>pyrite / &lt;0.5% pyrite / &lt;0.5% pyrite&gt;&gt; Disseminated py in host with ocassional diss</td><td>ру 361.50</td><td>363.00</td><td>1.50</td><td>S029223</td><td>0.006</td><td>0.76</td><td>100.5</td><td>24.2</td><td>463</td></min:>		pyrite / <0.5% pyrite / <0.5% pyrite>> Disseminated py in host with ocassional diss	ру 361.50	363.00	1.50	S029223	0.006	0.76	100.5	24.2	463
	Interval containing	ca / weak to moderate chlorite / weak to moderate epidote / weak sericite / weak hydrothermal breccia vein network and host mafic lpt. Increased patchy-mottled ep	363.00	364.50	1.50	S029224	0.002	0.7	110	10.9	230
Matrix is slightl		a / weak to moderate chlorite / weak sericite / weak carbonate / trace epidote>> th and interval appears more pale grey-light green interpreted to represent less chl	364.50 alt	366.00	1.50	S029225	0.006	2.91	111	30.1	345
TCA 70		quartz-calcite>> 1) Planar to weakly brecciated qz-cal +/- chl veins (<0.5cm wide) cal- Mn carb veins (2-7cm wide) TCA ~ 40	366.00	367.50	1.50	S029226	0.002	0.77	118.5	12	248
		0% quartz-calcite>> Hydrothermal breccia interval consisting of qz-cal +/- Mn cart blebs and disseminated in rip up clasts preferential to wall rock.	367.50	369.00	1.50	S029227	0.002	0.7	108	13.8	479
brecciated with	h diss py (<1%) in sa	uartz-calcite>> 1) planar qz-cal +/- chl (0.2-9cm wide), TCA ~ 75. Occasionally llvages. earb (1-5cm wide), TCA ~ 35	369.00	370.50	1.50	S029228	0.002	0.6	107	17.6	677
< <vein: -="" 407="" 4<br="">at conjugate ar</vein:>		uartz-calcite>> Planar to weakly brecciated qz-cal +/- chl (0.2-3cm wide). TCA ~ 2	5 370.50	372.00	1.50	S029229	0.002	0.59	95.2	23.3	590





Hole:	1	BR-115										
From (m)	To (m)	Ro	ck Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
60 2) qz-ank +	-/- chl veins	(0.2-3cm wide) TCA 70-90	1) Planar qz-cal +/- chl trace py in salvages (0.2-2cm wide) TCA 40- sinistral displacement. TCA ~30	372.00	373.50	1.50	S029231	0.016	0.51	58.9	36.9	842
		75: weakly developed fault z veloped gouge.	one 48 deg. >> 30% Broken rock. Strongly qz-cal veined fault	373.50	375.00	1.50	S029232	0.002	0.64	103.5	70.6	593
				375.00	376.50	1.50	S029233	0.002	0.69	108	72	682
				376.50	378.00	1.50	S029234	0.002	0.57	100.5	55.1	252
				378.00	379.50	1.50	S029235	0.002	0.56	84.8	49.9	672
				379.50	380.06	0.56	S029236	0.009	0.61	52.2	45.6	334
				380.06	380.93	0.87	S029237	0.012	0.2	13.7	12.3	385
				380.93	382.00	1.07	S029238	0.016	0.46	36.9	15.6	429
				382.00	383.50	1.50	S029239	0.009	0.67	57.6	17.9	106
				383.50	384.50	1.00	S029241	0.013	0.88	68.8	41.6	220
				384.50	385.34	0.84	S029242	0.012	0.8	32.4	78.6	478
				385.34	386.34	1.00	S029243	0.012	0.24	42.4	22.1	483
				386.34	387.34	1.00	S029244	0.009	0.5	14.1	28.9	499
				387.34	388.34	1.00	S029245	0.017	0.53	40.9	8.8	220
				388.34	389.50	1.16	S029246	0.018	1.2	93.1	10	43
				389.50	391.00	1.50	S029247	0.019	0.91	94.2	11.7	48
				391.00	392.50	1.50	S029248	0.017	0.82	103	13.9	45
				392.50	394.00	1.50	S029249	0.008	0.54	73.6	8.3	44
				394.00	395.50	1.50	S029251	0.021	0.35	34	6.5	52
				395.50	397.00	1.50	S029252	0.02	0.36	38.5	10.1	204
				397.00	398.50	1.50	S029253	0.01	0.64	57.9	69.7	64
				398.50	400.00	1.50	S029254	0.007	0.5	103	13.7	110
				400.00	401.50	1.50	S029255	0.013	0.48	28.2	17.2	96
				401.50	403.00	1.50	S029256	0.014	0.57	88.7	16.5	50
				403.00	404.50	1.50	S029257	0.015	0.6	67.1	32.3	48
				404.50	406.00	1.50	S029258	0.018	1.69	47.2	87.3	117
				406.00	407.50	1.50	S029259	0.01	1.41	81	85.9	50





Hole: BR-115 From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 407.50 409.00 1.50 S029261 0.014 0.62 47.1 21.1 41 409.00 410.50 1.50 S029262 0.018 0.24 11.3 13.6 46 410.50 412.00 1.50 S029263 0.016 0.43 40.1 16.4 92 412.00 413.50 1.50 S029264 0.022 0.41 115 12.2 111 413.50 415.00 1.50 S029265 0.026 0.24 53.5 17.4 111 415.00 416.50 1.50 S029266 0.015 0.35 92.3 22.5 107 416.50 418.00 1.50 S029267 0.023 0.48 142.5 16.2 119 418.00 419.50 1.50 S029268 0.016 0.21 72 15.3 117 419.50 421.00 1.50 S029269 0.016 0.34 51.9 9.8 71 421.00 422.50 1.50 S029271 0.008 0.27 27.1 49 63.7 422.50 424.00 1.50 S029272 0.007 1.23 54.8 35.3 59

424.00

425.00

425.61

427.00

428.00

429.00

430.50

432.00

433.50

435.00

436.50

438.00

439.50

441.00

442.50

444.00

445.50

447.00

425.00

425.61

427.00

428.00

429.00

430.50

432.00

433.50

435.00

436.50

438.00

439.50

441.00

442.50

444.00

445.50

447.00

448.50

1.00

0.61

1.39

1.00

1.00

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

S029273

S029274

S029275

S029276

S029277

S029278

S029279

S029281

S029282

S029283

S029284

S029285

S029286

S029287

S029288

S029289

S029291

S029292

0.007

0.015

0.02

0.027

0.002

0.005

0.002

0.002

0.002

0.002

0.002

0.006

0.002

0.002

0.009

0.011

0.007

0.007

2.2

2.26

3.29

12.35

0.46

0.58

0.51

0.47

0.44

0.49

0.48

0.66

0.64

0.89

1.06

0.46

0.27

1.25

64.6

47.7

70.7

157

93.8

121

106

108.5

115.5

102

104.5

114.5

109.5

135

136.5

71.9

34.5

159

22.4

36.7

113

404

69.3

119

31.6

26.5

21.1

11.4

8.5

37.5

60.8

81.6

66.7

25.9

5.3

9

67

76

68

572

209

153

71

66

54

47

42

82

120

171

120

112

56

50





Hole:		BR-115									
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			448.50	450.00	1.50	S029293	0.006	1.22	127	8	55
			450.00	451.50	1.50	S029294	0.002	0.57	69.3	4.6	58
			451.50	453.00	1.50	S029295	0.008	1.34	176.5	7.7	58
			453.00	453.80	0.80	S029296	0.007	0.62	108.5	5.4	54

End of Hole @ 453.8





Project: Bowser Regional

Hole: BR-116

Local Elevation (m):

**Prospect:** Hanging Glacier **Survey Type:** Logged By: **Hole Type:** DGPS swaibel DDS **UTM Grid:** UTM83-9 Survey By: **Date Started:** 8/18/2020 **Core Size:** HQ 8/21/2020 **Casing Pulled? UTM East:** 423830.598 Azimuth: **Date Completed: Drill Company:** HyTech Casing Depth (m): **UTM North:** 6261074.295 Dip: UTM Elevation (m): **Drill Rig:** Marked? 979.239 Length (m): 356.4 H2 8/15/2020 **Hole Purpose:** Expl **Drill Started:** Surveyed? **Local Grid: Drill Target: Drill Completed:** 8/21/2020 Water Production: NO **Local East:** Water Type: Comments: **Local North:** 

Logged by s.waibel 0-282m, Hank Below that

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept (Values?	Comments
0	1stREFLEX	8/18/2020	-77.1	200.2	19.5	219.7	56313	<b>✓</b>	
20.4	REFLEX	8/18/2020	-77.1	200.2	19.5	219.7	56313	<b>✓</b>	
71.4	REFLEX	8/18/2020	-76.2	199.1	19.5	218.6	56265	$\checkmark$	
122.4	REFLEX	8/18/2020	-75.7	198.3	19.5	217.8	56187	$\checkmark$	
173.4	REFLEX	8/19/2020	-75.5	195.4	19.5	214.9	56232	<b>✓</b>	
224.4	REFLEX	8/19/2020	-74.6	198.5	19.5	218	56228	<b>✓</b>	
275.4	REFLEX	8/19/2020	-74.1	198.7	19.5	218.2	56205	<b>✓</b>	
326.4	REFLEX	8/20/2020	-73.8	198	19.5	217.5	56445	<b>✓</b>	
356.4	REFLEX	8/20/2020	-73.5	197.9	19.5	217.4	56365	<b>✓</b>	ЕОН



Water Depth (m):

**Structure Type:** 



Hole:		BR-11	6										
From (m)	To (m)		Rock Type & Description	1		From (m)	To (m) Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	1.80	OVB	overburden		NR								
porphyritic pichlorite. Weak-mod pichilled lower Sub angular Veining dom display a we 0.5% diss+a 0.1% diss py 0.1% diss po 0.1% diss p	lag in 50% divervasive ser contact. xenolith of binated by two ak tension gargaregate por in litho.	Intermediate ark greenish-ç icite alters place eige ash tuff (posets of qz-cash texture which within qz-cal-2% pyrrhotite /	Porphyritic rocks Plagioclase-Phyric Crowded Porpgray fg matrix. 10% subhedral mafing to apple green fadded texture. Magnetic description of the property of t	cs (hbld laths) 1-2mm long flod pervasive ser intervals -20mm wide sheeted at 50 0.0m.	g axis altered by s: 18.2-19.3m. Weakly 0 and 80TCA. Often								
0.1% diss/fi	nely diss po	in litho											
< <min: 19.3<br="">diss py. 0.5% Diss - 0.5% diss/fi</min:>	3 - 30: <0.5%	pyrrhotite / < oo in qz-cal-ai in litho	traces pyrrhotite / traces pyrrhotite <0.5% pyrrhotite / traces pyrrhotite nk veins. 2-4mm aggegate at 29.4	>> net increase in diss p									
< <min: -<br="" 30="">sparse qz-c 0.5% diss p 0.1% diss p</min:>	al veins. o in litho.	% pyrite / <0.	5% pyrrhotite / traces pyrite>> Lo	oss of majority of po in vei	ins. 0.5% diss py in								
textures into	act. Chl begi		k iron oxide / weak chlorite / weak cs after 3.0m. Weak fe-oxide seen xture.										
			/ weak chlorite>> Lens of textural pearing apple green groundmass.	lly destructive mod pervas	sive sericite. Primary								
sericite, app	pears to incre	ease downhol	e sericite / weak chlorite / weak sili le (increased intensity of apple gre- ning. Patch cal alt. Chl moderately	en ser colour). Mafics alt to									





Hole:	BR-116										
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
veins/veinle	ets 1-20mm wide sheeted at	te-pyrrhotite>> Veining dominated by two sets of qz-cal-ankerite-diss po 50 and 80TCA. Often display a weak tension gash texture where ank infills ineralized with po. Locally 2-15% po. Sparse qz-cal veins with no prefered ori.									
	- 43.77: 1.0-5.0% quartz-ca eins 15TCA	lcite>> Loss of qz-cal-ank-po veins. Dominately qz-cal veins sheeted. Sparse									
< <struc: 1.<="" td=""><td>9 - 7.5: weakly developed fa</td><td>ult zone&gt;&gt; mod fracture density zone, FeO fracture coatings</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	9 - 7.5: weakly developed fa	ult zone>> mod fracture density zone, FeO fracture coatings									
			1.80	3.00	1.20	S038501	0.016	0.46	147	6.7	71
			3.00	4.50	1.50	S038502	0.046	0.38	74.8	7.4	51
			4.50	6.00	1.50	S038503	0.015	0.79	222	16.8	59
			6.00	7.50	1.50	S038504	0.012	0.68	190	13.6	76
			7.50	9.00	1.50	S038505	0.018	0.28	101	7.3	49
			9.00	10.50	1.50	S038506	0.023	0.21	94	9.3	44
			10.50	12.00	1.50	S038507	0.024	0.2	67.7	9.2	40
			12.00	13.50	1.50	S038508	0.016	0.17	40.7	8.8	54
			13.50	15.00	1.50	S038509	0.023	0.2	42.4	8.2	45
			15.00	16.50	1.50	S038511	0.029	0.14	39.4	8	48
			16.50	18.00	1.50	S038512	0.048	0.19	43.8	4.8	44
			18.00	19.50	1.50	S038513	0.089	0.49	64.7	9.7	43
			19.50	21.00	1.50	S038514	0.012	0.36	87.2	9	45
			21.00	22.50	1.50	S038515	0.021	0.37	90	8.1	52
			22.50	24.00	1.50	S038516	0.014	0.23	70	9.2	58
			24.00	25.50	1.50	S038517	0.012	0.21	69.1	10.8	45
			25.50	27.00	1.50	S038518	0.018	0.24	58.9	9.6	47
			27.00	28.50	1.50	S038519	0.045	0.38	75.1	11.5	58
			28.50	30.00	1.50	S038521	0.031	0.29	74.1	9.8	48
			30.00	31.50	1.50	S038522	0.036	0.4	73.2	10.9	46
			31.50	33.00	1.50	S038523	0.012	0.37	58.4	9.7	56
			33.00	34.50	1.50	S038524	0.019	0.52	90.9	15.7	90
			34.50	36.00	1.50	S038525	0.033	0.58	104	14.7	77
			36.00	37.50	1.50	S038526	0.05	0.88	129	14.5	75





Hole:	BR-1	16											
From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					37.50	39.00	1.50	S038527	0.035	0.41	86.8	8	46
					39.00	40.50	1.50	S038528	0.039	0.4	84.8	5.4	40
					40.50	42.00	1.50	S038529	0.073	0.45	69.4	10.3	70
					42.00	43.00	1.00	S038531	0.078	0.83	124	27.1	74
					43.00	43.77	0.77	S038532	0.155	0.48	82.8	5.5	50
					43.77	44.50	0.73	S038533	0.049	0.27	53.4	4.2	55
43.77	62.72 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	greenish grey	V-csh	44.50	46.00	1.50	S038534	0.105	1.26	161	7.4	46
Load clast at 6 Pyroclastic ch lapilli at 50.20 Lower contact	60.95m indicating beds loritized bomb from 46 m. t with vein breccia at 45 or 46.87: <0.5% pyrite in litho	.87-44.47m sampled with locally 8% diss py, 1%	, .,	neralization to	46.00	46.87	0.87	S038535	0.228	1.13	236	16	87
< <min: 46.87="" bomb<="" th=""><td>7 - 47.47: 5.0-10.0% py</td><td>rite / 0.5-2.0% chalcopyrite&gt;&gt; 8% diss py and</td><td>1% blebby cpy within a</td><td>pyroclastic</td><td>46.87</td><td>47.47</td><td>0.60</td><td>S038536</td><td>0.454</td><td>7.01</td><td>1485</td><td>42.3</td><td>217</td></min:>	7 - 47.47: 5.0-10.0% py	rite / 0.5-2.0% chalcopyrite>> 8% diss py and	1% blebby cpy within a	pyroclastic	46.87	47.47	0.60	S038536	0.454	7.01	1485	42.3	217
0.5% py in qz 0.1% diss py	z-cal veinlets in litho	otite / <0.5% pyrite / traces sphalerite / <0.5% py 15% brick red sph at 55.75m.	rite>> 0.5% blebby po	within litho	47.47	48.00	0.53	S038537	0.144	2.05	461	24.2	227
slightly strong		erate calcite / weak sericite / weak iron oxide>> s of ash. Pervasive mod cal alteration, consister			48.00	49.50	1.50	S038538	0.272	0.82	155.5	6.1	95
veinlets obse		artz-calcite>> Interval dominated by chaotic q m wide, locally up to 80% py cross cut by above at 55.6m			49.50	51.00	1.50	S038539	0.758	2.31	421	13.1	94
< <struc: 44.8<="" th=""><td>8 - 44.8: strongly deve</td><td>loped bedding 30 deg. &gt;&gt; Bedded ash tuff</td><td></td><td></td><td>51.00</td><td>52.50</td><td>1.50</td><td>S038541</td><td>0.245</td><td>1.83</td><td>444</td><td>6.3</td><td>80</td></struc:>	8 - 44.8: strongly deve	loped bedding 30 deg. >> Bedded ash tuff			51.00	52.50	1.50	S038541	0.245	1.83	444	6.3	80
1 10ti do. 77.0		1 9 -											





Hole:	BR-	-116											
From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <struc: 55.<="" td=""><td>.25 - 60.8: weakly o</td><td>developed fault zone&gt;&gt; Very weakly develo</td><td>ped fault zone, feo on frac surface</td><td>e. Recovery</td><td>54.00</td><td>55.50</td><td>1.50</td><td>S038543</td><td>0.128</td><td>0.4</td><td>77.2</td><td>4.5</td><td>64</td></struc:>	.25 - 60.8: weakly o	developed fault zone>> Very weakly develo	ped fault zone, feo on frac surface	e. Recovery	54.00	55.50	1.50	S038543	0.128	0.4	77.2	4.5	64
				_	55.50	57.00	1.50	S038544	0.24	0.53	96.5	11	331
				_	57.00	58.50	1.50	S038545	0.053	0.36	89.3	10.2	87
				_	58.50	60.00	1.50	S038546	0.028	0.24	42.6	9.3	101
				_	60.00	61.50	1.50	S038547	0.037	0.39	114	4.9	80
					61.50	62.72	1.22	S038548	0.024	1.24	144	82.5	122
					62.72	63.22	0.50	S038549	0.069	183	666	704	178
62.72	73.53 P	Porphyritic rocks	greenish grey	lg-fg	63.22	64.50	1.28	S038551	0.035	0.4	48.6	17.1	68
309ppm Ag of Alteration by 62.74-62.93n 309ppm Ag of Alteration by < <min: 62.7<br="">sulfosalts&gt;&gt; Notable qz-of Sparse hone</min:>	on XRF suggest Ag ser and chl is strong m: Notable qz-cal-ar on XRF suggest Ag ser and chl is strong (2 - 62.93: 2.0-5.0% 0.5% gn aggrega cal-ank chaotic vein ey brown sph blebs	nk chaotic vein breccia, locally disseminations sulphosalts present. ger than uphole P unit, chlorite begins to alte hk chaotic vein breccia, locally disseminations sulphosalts present. ger than uphole P unit, chlorite begins to alte pyrite / 0.5-2.0% galena / 0.5-2.0% chalcopates uphole from vn breccia. breccia, locally disseminations of 1.5% gn, sulphosalts present	r plag phenos. s of 1.5% gn, 5% py, 0.75% cpy, 0 r plag phenos. yrite / <0.5% sphalerite / <0.5% Ag	).5% sph.	64.50	66.00	1.50	S038552	0.073	0.21	40.2	9	66
< <min: 62.9<br="">0.5% py in c</min:>	/3 - 73.53:  <0.5% p qz-cal veinlets.	yrrhotite / <0.5% pyrite / <0.5% pyrite>> 0.5 vithin brecciated lower contact veining.	5% diss po in litho.	_	66.00	67.50	1.50	S038553	0.029	0.48	46.2	7.8	64
		sericite / weak to moderate chlorite / weak s nit, chlorite begins to alter plag phenos. Prima		by ser and	67.50	69.00	1.50	S038554	0.027	0.6	62.7	11.4	110
dissemination	ons of 1.5% gn, 5%	quartz-base metal sulphides>> Notable qz py, 0.75% cpy, 0.5% sph. 309ppm Ag sugge ic unit downhole. Patchy Ank, tends to rim ch	st Ag sulphosalts present. Contair	ns angular	69.00	70.50	1.50	S038555	0.056	0.51	35	15.6	122

70.50

72.00

1.50

S038556

0.091

0.54



40.3

9.5

<<Vein: 62.93 - 73.53: 1.0-5.0% quartz-calcite>> Planar qz-cal +/- chl selvedge veinlets. Lesser qz-cal-py veinlets, 2-

5% py locally. Trace Ank in qz-cal vein at 63.22m. Weakly qz-cal-py breccia at lower contact



Hole:		BR	-116	)												
From (m)	To (m)			Rock Type & De	scription			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
								72.00	73.53	1.53	S038557	0.154	0.69	47.7	49.9	658
73.53	119.5	4 V4	(	Intermediate volo (Andesite, Latite; content 57-63%)		grey	V-fsh									
green sericit ash beds. P 106.15-107.	tic ash at atchy wea 43m: Cro tic lapilli tu	30 TCA, be ak sil alt. wded-plag ıff lense at	egins to s -phyric d 101.9m.	ed Intermediate Lapilli As steepen at 112m gradua lyke, significantly smaller .~5% rounded lapillis sp ks.	lly to 50 TCA. Narro	ow <20cm sections										
< <min: 73.<="" td=""><td>53 - 119.5</td><td>64: &lt;0.5%</td><td>pyrite&gt;&gt;</td><td>0.5% diss py in qz-cal</td><td>-py frac fill veinlets.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	53 - 119.5	64: <0.5%	pyrite>>	0.5% diss py in qz-cal	-py frac fill veinlets.											
< <alt: 73.5<br="">and sil loca</alt:>				veak chlorite / weak silica	/ weak calcite>>	Weak pervasive se	er alt, patchy cal									
< <vein: 73<="" td=""><td>.53 - 119.</td><td>54: 1.0-5.0</td><td>0% quart</td><td>tz-calcite&gt;&gt; Interval do</td><td>minated by frac con</td><td>trolled qz-cal infill -</td><td>+/- diss/blebby py.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	.53 - 119.	54: 1.0-5.0	0% quart	tz-calcite>> Interval do	minated by frac con	trolled qz-cal infill -	+/- diss/blebby py.									
< <struc: 79<="" td=""><td>9.5 - 79.5</td><td>strongly o</td><td>develope</td><td>ed bedding 30 deg. &gt;&gt;</td><td>Bedded ash tuff</td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	9.5 - 79.5	strongly o	develope	ed bedding 30 deg. >>	Bedded ash tuff		-									
< <struc: 88<="" td=""><td>8.7 - 88.7</td><td>strongly o</td><td>develope</td><td>ed bedding 30 deg. &gt;&gt;</td><td>Bedded ash tuff</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	8.7 - 88.7	strongly o	develope	ed bedding 30 deg. >>	Bedded ash tuff											
< <struc: 99<="" td=""><td>9.05 - 99.0</td><td>)5: strongl</td><td>ly develo</td><td>oped bedding 30 deg. &gt;&gt;</td><td>Bedded ash tuff</td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	9.05 - 99.0	)5: strongl	ly develo	oped bedding 30 deg. >>	Bedded ash tuff		_									
< <struc: 1<="" td=""><td>16.7 - 116</td><td>.7: strongl</td><td>ly develo</td><td>pped bedding 50 deg. &gt;&gt;</td><td>Bedded ash tuff</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	16.7 - 116	.7: strongl	ly develo	pped bedding 50 deg. >>	Bedded ash tuff											
								73.53	75.00	1.47	S038558	0.107	0.63	111.5	6.9	84
								75.00	76.50	1.50	S038559	0.113	0.74	198.5	7.6	117
							_	76.50	78.00	1.50	S038561	0.247	0.76	238	5.9	59
								78.00	79.50	1.50	S038562	0.184	0.44	136	5.2	52
							-	79.50	81.00	1.50	S038563	0.213	0.51	123	2.6	65
							-	81.00	82.50	1.50	S038564	0.069	0.27	99.7	2.2	71
							-	82.50	84.00	1.50	S038565	0.088	0.27	96.7	3.2	70
							-	84.00	85.50	1.50	S038566	0.027	0.21	65	5.2	65
								85.50	87.00	1.50	S038567	0.066	0.12	42.2	3.5	64
							-	87.00	88.50	1.50	S038568	0.235	0.59	223	6	76
								88.50	90.00	1.50	S038569	0.065	0.12	21.9	3.2	54
							_									

90.00

91.50

1.50

S038571

0.126

0.27



4.3

88

62.8



Hole: BR-	116											
From (m) To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				91.50	93.00	1.50	S038572	0.679	0.73	88.7	14	290
			-	93.00	94.50	1.50	S038573	0.046	0.14	44.7	3.4	57
				94.50	96.00	1.50	S038574	0.051	0.41	156	2.8	52
				96.00	97.50	1.50	S038575	0.053	0.36	133	3	50
				97.50	99.00	1.50	S038576	0.05	0.46	165	2.9	54
			-	99.00	100.50	1.50	S038577	0.029	0.33	91.7	2.3	51
				100.50	102.00	1.50	S038578	0.062	1.11	283	4	98
			_	102.00	103.50	1.50	S038579	0.272	0.65	135.5	5.6	51
				103.50	105.00	1.50	S038581	0.075	0.8	103.5	8.7	38
				105.00	106.50	1.50	S038582	0.082	1.11	139.5	35.7	147
				106.50	108.00	1.50	S038583	0.192	1.34	118	24.8	65
				108.00	109.50	1.50	S038584	0.089	0.75	113.5	8.1	54
			_	109.50	111.00	1.50	S038585	0.058	0.29	49.1	4.1	55
			_	111.00	112.50	1.50	S038586	0.037	0.43	96.8	3.8	58
			_	112.50	114.00	1.50	S038587	0.028	0.1	17	2.2	43
				114.00	115.50	1.50	S038588	0.05	0.22	35.7	2.6	46
			_	115.50	117.00	1.50	S038589	0.012	0.09	13.1	2.4	44
				117.00	118.50	1.50	S038591	0.023	0.12	9.4	8.8	48
			_	118.50	119.54	1.04	S038592	0.019	0.08	10.6	3.2	45
			_	119.54	120.50	0.96	S038593	0.132	0.75	154	5.4	31
119.54 125.07 P	Porphyritic rocks	greenish grey	lg-fg	120.50	122.00	1.50	S038594	0.117	0.8	189	6.3	48
euhedral porphyritic plag in 50% of by chlorite. Chilled upper and lower margins. 5mm wide anhedral massive py vo 1% anhedral sooty py overall 1% subhedral py diss in qz-cal ve	% pyrite / 0.5-2.0% pyrite>> 1% anhedral	l mafics (hbld laths) 1-2mm lonດ	g axis altered	122.00	123.00	1.00	S038595	0.094	0.6	154.5	6.9	43





Hole:	BR-	116										
From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Bes
		moderate sericite / weak to moderate chlorite / weapple green. Chloritized mafics, 30% chloritized plag		123.00	124.50	1.50	S038596	0.108	0.71	167.5	5.8	41
		0% quartz-calcite>> Anhedral massive py vein 5r naotic veinlets. Above veins are cross cut by qz-cal		124.50	125.07	0.57	S038597	0.151	0.75	180.5	6.8	48
125.07	139.24 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	greenish grey V-fsh									
sericitic ash. <sup>,</sup> ncrease in ve	~5% sub-rounded gr ein density.	ded Intermediate Lapilli Ash Tuff. Fine grained grey een chloritic lapilli's and wispy grey lapilli's. Weak- lets, 132.87-133.50m -> 46cm qz-cal-chl weakly br	mod pervasive sil alteration, net									
< <min: 125.0<="" td=""><td>07 - 139.24: 0.5-2.0</td><td>% pyrite&gt;&gt; 1% diss py in qz-cal-chl vein/veinlets,</td><td>locally 3% over 132.87-133.50m</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	07 - 139.24: 0.5-2.0	% pyrite>> 1% diss py in qz-cal-chl vein/veinlets,	locally 3% over 132.87-133.50m									
		moderate silica / weak sericite / weak chlorite / we in vein density. Chloritized lapilli's and chl frac fill	ak chlorite>> Weak-mod pervasive									
	.07 - 139.24: 1.0-5.0 ein with locally 3% p	0% quartz-calcite-pyrite-chlorite>> 132.87-133.50 y blebs-aggregates.	m sample: 46cm qz-cal-chl weakly									
< <struc: 133<="" td=""><td>3.8 - 133.8: strongly</td><td>developed bedding 40 deg. &gt;&gt; Bedded ash tuff</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	3.8 - 133.8: strongly	developed bedding 40 deg. >> Bedded ash tuff										
				125.07	126.00	0.93	S038598	0.134	1.46	347	13.1	85
				126.00	127.50	1.50	S038599	0.088	0.86	171.5	7.6	59
				127.50	129.00	1.50	S038601	0.047	0.57	104.5	5.3	55
				129.00	130.50	1.50	S038602	0.025	0.31	62.3	3.9	49
				130.50	132.00	1.50	S038603	0.012	0.26	28.4	2.5	50
				132.00	132.87	0.87	S038604	0.016	0.17	35.6	3.2	33
				132.87	133.50	0.63	S038605	0.181	1.28	280	16.7	85
				133.50	135.00	1.50	S038606	0.136	0.49	120	4.5	49
				135.00	136.50	1.50	S038607	0.045	0.2	60.5	3.4	47
				136.50	138.00	1.50	S038608	0.029	0.08	26.6	2.1	42
				138.00	138.50	0.50	S038609	0.036	0.06	15.7	2.9	38

138.50

139.24

139.24

139.88

0.74

0.64



1.8

20.4

43

61

13.4

2160

S038611

S038612

0.026

0.746

0.06

3.96



Hole:		BR-116													
From (m)	To (m)		Rock Type & Description				From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
139.24	242.80	P Porp	hyritic rocks	greenish	grey	lg-fg	139.88	140.50	0.62	S038613	0.24	0.34	90.3	5.9	38
euhedral po	rphyritic plag		ioclase-Phyric Crowded Porp gray fg matrix. 10% subhedra oped chilled margin												
			ssive py replacement in qz-ca s of aspy however none are o			vated As									
173.5-242.8	3: Re-introduc	ction of 2 sets of qz-cal-	-ank-diss po +/- trace cpy vei	ns sheeted at 80 and 50	-60TCA.										
cal-chl vein observed.			.0% pyrite>> Massive crack evels determined by XRF, pos				140.50	141.00	0.50	\$038614	0.031	0.11	52.6	3.9	42
veins/veinle	ets blebby po in liss py	.,	.0% pyrite / traces pyrrhotite .	traces chalcopyrite>>	1% diss <sub>l</sub>	py in qz-cal	141.00	142.50	1.50	\$038615	0.033	0.1	33.3	9.8	49
diss po in c	qz-cal-ank-dis py stringers a py in litho	<0.5% pyrrhotite / <0.5% ss po +/- trace cpy vein and qz-cal chaotic vein		s pyrrhotite / traces chal	copyrite>>	> 0.1%	142.50	144.00	1.50	S038616	0.043	0.14	39.7	11.6	70
		moderate chlorite / we ix containing massive p	eak to moderate sericite / wea by veining.	k calcite / moderate chl	orite>> (	Chlorite	144.00	145.50	1.50	S038617	0.022	0.1	26.6	19.2	97
			a / weak chlorite / weak calcite re. Weak per cal alt, chl alter			rns plag	145.50	147.00	1.50	S038618	0.025	0.09	17.2	8.2	55
moderate (	QSP below fa		noderate sericite / moderate i % finely diss py in litho, mode ire surfaces.				147.00	148.50	1.50	S038619	0.012	0.05	14.1	4.5	43
mod altered			/ weak to moderate chlorite / es occur on the 1-3m scale ar				148.50	150.00	1.50	S038621	0.023	0.31	24.5	4.3	66
massive cra	ackle texture		calcite-pyrite-chlorite>> ~8c eplacement. Drill appears to s at uphole ellipse				150.00	151.50	1.50	S038622	0.023	0.19	44	6.5	58





Hole:	BR-116									
From (m) To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
	3.5: 1.0-5.0% quartz-calcite-pyrite>> Interval dominated by disarticulate to planar qz-cal-py veins Weakly sheeted qz veining with FeO halos through phyllic altered zone. Qz-cal-py veinlets, py often ge.	151.50	153.00	1.50	S038623	0.036	0.15	30.4	8.2	42
	.8: 1.0-5.0% Quartz-calcite-pyrrhotite>> Interval characterized by re-introduction of 2 sets of qz-cale cpy veins sheeted at 80 and 50-60TCA. Chaotic veinlets of qz-cal-py throughout, 5-90% py	153.00	154.50	1.50	S038624	0.145	0.16	34	7.5	45
< <struc: -="" 148.7="" 15<br="">No fault gouge obse</struc:>	7.7: weakly developed fault zone 20 deg. >> High fracture denisity fault zone, FeO frac surfaces.	154.50	156.00	1.50	S038625	0.46	0.33	116.5	5.1	37
		156.00	157.50	1.50	S038626	0.124	0.23	95.7	5.6	43
		157.50	159.00	1.50	S038627	0.089	0.16	60.2	8.6	45
		159.00	160.50	1.50	S038628	0.011	0.15	27.9	5.1	41
		160.50	162.00	1.50	S038629	0.023	0.15	36.1	13.8	60
		162.00	163.50	1.50	S038631	0.027	0.21	65.9	14.1	48
		163.50	165.00	1.50	S038632	0.021	0.23	39.3	40.7	257
		165.00	166.50	1.50	S038633	0.022	0.16	62.4	6.1	44
		166.50	168.00	1.50	S038634	0.022	0.32	140.5	8.3	44
		168.00	169.50	1.50	S038635	0.014	0.2	68	8.4	54
	_	169.50	171.00	1.50	S038636	0.016	0.16	77.8	6.5	48
		171.00	172.50	1.50	S038637	0.024	0.2	74.9	7.2	48
		172.50	174.00	1.50	S038638	0.038	0.35	101	15.1	91
		174.00	175.50	1.50	S038639	0.021	0.21	61.3	7.3	42
		175.50	177.00	1.50	S038641	0.015	0.17	61.3	5.6	43
		177.00	178.50	1.50	S038642	0.019	0.24	64.4	7	64
		178.50	180.00	1.50	S038643	0.291	0.18	53.1	4.7	38
		180.00	181.50	1.50	S038644	0.041	0.16	48.5	5.5	45
		181.50	183.00	1.50	S038645	0.011	0.35	124	9.7	55
		183.00	184.50	1.50	S038646	0.02	0.38	85.4	14.8	71
		184.50	186.00	1.50	S038647	0.257	0.47	56.5	26	91
	-	186.00	187.50	1.50	S038648	0.092	0.29	63	11	59
		187.50	189.00	1.50	S038649	0.01	0.22	68	6.5	55
		189.00	190.50	1.50	S038651	0.046	0.38	61.8	21.8	73





Hole: **BR-116** From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 190.50 192.00 1.50 S038652 0.009 0.17 41 6.1 47 192.00 193.50 1.50 S038653 0.184 0.37 49 56.1 9.1 193.50 195.00 1.50 S038654 0.186 0.42 56.1 10.9 57 195.00 196.50 1.50 S038655 0.016 0.22 51.7 6.1 52 196.50 198.00 1.50 S038656 0.017 0.13 28 4.2 45 198.00 199.50 1.50 S038657 0.023 0.12 18.9 9.9 56 199.50 201.00 1.50 S038658 0.019 0.12 20.4 8.3 56 201.00 202.50 1.50 S038659 0.021 0.12 25.2 7.4 62 202.50 204.00 1.50 S038661 0.02 0.14 39.6 7.1 54 204.00 205.50 1.50 S038662 0.03 0.2 8.5 51 58.7

205.50

207.00

208.50

210.00

211.50

213.00

214.50

216.00

217.50

219.00

220.50

222.00

223.50

225.00

226.50

228.00

229.50

231.00

232.50

207.00

208.50

210.00

211.50

213.00

214.50

216.00

217.50

219.00

220.50

222.00

223.50

225.00

226.50

228.00

229.50

231.00

232.50

234.00

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

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1.50

1.50

1.50

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1.50

1.50

1.50

1.50

1.50

S038663

S038664

S038665

S038666

S038667

S038668

S038669

S038671

S038672

S038673

S038674

S038675

S038676

S038677

S038678

S038679

S038681

S038682

S038683

0.025

0.049

0.032

0.02

0.013

0.008

0.017

0.047

0.015

0.026

0.02

0.029

0.046

0.031

0.068

0.045

0.026

0.021

0.032

0.16

0.22

0.22

0.15

0.15

0.1

0.13

0.15

0.16

0.17

0.17

0.11

0.11

0.34

0.2

0.15

0.12

0.1

0.11

38.1

50.1

46.6

46.8

38.9

37.9

49.9

43

48.1

37.5

46.8

26.5

22.9

46.2

57.8

52.5

52.9

43.8

45.5

8.9

10.7

8.8

7.4

8.9

6.1

5

5.2

6.6

10

7

5.1

6.9

13.5

8.5

7.1

5.5

5.2

5.9

60

68

56

53

61

56

50

49

57

75

52

51

60

65

60

65

57

56

67





Hole:	BR-	116											
From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					234.00	235.50	1.50	S038684	0.142	0.12	39.3	6.2	71
				-	235.50	237.00	1.50	S038685	0.047	0.17	67.1	6.4	51
				-	237.00	238.50	1.50	S038686	0.067	0.19	56.2	29.3	105
					238.50	240.00	1.50	S038687	0.045	0.16	48.5	8.5	59
					240.00	241.50	1.50	S038688	0.032	0.15	60.6	6.5	59
				-	241.50	242.80	1.30	S038689	0.034	0.21	84.7	6.4	44
					242.80	244.00	1.20	S038691	0.075	0.3	105.5	7.5	51
242.80	295.57 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	greenish grey	V-csh	244.00	245.00	1.00	S038692	0.074	0.27	129	5.6	54
interval from within a a gre Veining dom 1% euhedral < <min: 242<br="">silicifed inte</min:>	242.8-257.25m. Bedseenish weakly sericitic inately qz-cal veinlets py in litho, 0.5% subbases - 245.5: 0.5-2.0% p	s, sparse sooty py veinlets. hedral-anhedral py in qz-cal +/- chl veinlets. pyrite / <0.5% pyrite / traces chalcopyrite / traces p	ounded lapillis/bombs 0.	5-10cm	245.00	246.00	1.00	S038693	0.064	0.24	106.5	5.8	52
< <min: 245<="" td=""><td></td><td>pyrite / &lt;0.5% pyrite / traces pyrite&gt;&gt; 1% euhed</td><td>ral py in litho, 0.5% subh</td><td>edral-</td><td>246.00</td><td>247.50</td><td>1.50</td><td>S038694</td><td>0.019</td><td>0.18</td><td>86.1</td><td>4.6</td><td>45</td></min:>		pyrite / <0.5% pyrite / traces pyrite>> 1% euhed	ral py in litho, 0.5% subh	edral-	246.00	247.50	1.50	S038694	0.019	0.18	86.1	4.6	45
< <alt: 242.8="" pervasive="" s<="" td=""><td></td><td>silica / weak sericite / weak chlorite / weak calcite /</td><td>weak chlorite&gt;&gt; Interva</td><td>al of mod</td><td>247.50</td><td>249.00</td><td>1.50</td><td>S038695</td><td>0.014</td><td>0.35</td><td>190</td><td>6.2</td><td>56</td></alt:>		silica / weak sericite / weak chlorite / weak calcite /	weak chlorite>> Interva	al of mod	247.50	249.00	1.50	S038695	0.014	0.35	190	6.2	56
		cite / weak chlorite / weak silica / weak calcite / we , coarser grained beds are more chloritized. Weak		rvasive	249.00	250.50	1.50	S038696	0.032	0.37	164	5.9	57
	2.8 - 295.57: 1.0-5.0% parse sooty py veinlets	% quartz-calcite>> Interval dominated by qz-cal fi s.	acture fill, lesser qz-cal-	chl-py	250.50	252.00	1.50	S038697	0.019	0.22	103	6.5	55
< <struc: 24<="" td=""><td>6.2 - 246.2: strongly</td><td>developed bedding 50 deg. &gt;&gt; Ash beds, shallow</td><td>w to 30TCA downhole</td><td></td><td>252.00</td><td>253.50</td><td>1.50</td><td>S038698</td><td>0.047</td><td>0.35</td><td>178.5</td><td>5.5</td><td>62</td></struc:>	6.2 - 246.2: strongly	developed bedding 50 deg. >> Ash beds, shallow	w to 30TCA downhole		252.00	253.50	1.50	S038698	0.047	0.35	178.5	5.5	62
< <struc: 25<="" td=""><td>51 - 251: strongly dev</td><td>eloped bedding 30 deg. &gt;&gt; Ash beds</td><td></td><td></td><td>253.50</td><td>255.00</td><td>1.50</td><td>S038699</td><td>0.032</td><td>0.22</td><td>104</td><td>6.9</td><td>54</td></struc:>	51 - 251: strongly dev	eloped bedding 30 deg. >> Ash beds			253.50	255.00	1.50	S038699	0.032	0.22	104	6.9	54
< <struc: 25<="" td=""><td>4.8 - 254.8: strongly</td><td>developed bedding 30 deg. &gt;&gt; Ash beds</td><td></td><td></td><td>255.00</td><td>256.50</td><td>1.50</td><td>S038701</td><td>0.019</td><td>0.16</td><td>63.7</td><td>5.5</td><td>62</td></struc:>	4.8 - 254.8: strongly	developed bedding 30 deg. >> Ash beds			255.00	256.50	1.50	S038701	0.019	0.16	63.7	5.5	62
					256.50	258.00	1.50	S038702	0.723	0.34	79.6	31.4	126
					258.00	259.50	1.50	S038703	0.055	0.27	118.5	4.9	48





Hole: BR-116

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			261.00	262.50	1.50	S038705	0.038	0.32	151	4.1	51
			262.50	264.00	1.50	S038706	0.06	0.41	180	4.4	66
			264.00	265.50	1.50	S038707	0.03	0.43	221	4	62
			265.50	267.00	1.50	S038708	0.03	0.33	140	5.5	71
			267.00	268.50	1.50	S038709	0.028	0.57	85	3.6	60
			268.50	270.00	1.50	S038711	0.023	0.24	98.9	7.7	63
			270.00	271.50	1.50	S038712	0.025	0.48	212	5.2	60
			271.50	273.00	1.50	S038713	0.031	0.48	250	5	74
			273.00	274.50	1.50	S038714	0.037	0.52	227	3.5	67
			274.50	276.00	1.50	S038715	0.028	0.45	162	7	58
			276.00	277.50	1.50	S038716	0.012	0.08	39.6	3	76
			277.50	279.00	1.50	S038717	0.033	0.1	53.5	2.6	112
			279.00	280.50	1.50	S038718	0.018	0.09	45.8	3.4	87
			280.50	282.00	1.50	S038719	0.034	0.07	19.1	16.7	99
			282.00	283.50	1.50	S038721	0.032	0.14	53.9	4.2	59
			283.50	285.00	1.50	S038722	0.028	0.33	142	12.5	80
			285.00	286.50	1.50	S038723	0.075	0.11	28	5.3	50
			286.50	288.00	1.50	S038724	0.023	0.21	63.3	8.8	55
			288.00	289.50	1.50	S038725	0.049	0.06	16.6	3.3	43
			289.50	291.00	1.50	S038726	0.035	0.23	95.6	3.6	69
			291.00	292.50	1.50	S038727	0.015	0.23	84.5	5.8	84
			292.50	294.00	1.50	S038728	0.043	0.3	130.5	4.7	75
			294.00	295.57	1.57	S038729	0.059	0.22	75	6.5	51
			295.57	297.00	1.43	S038731	0.07	0.17	25	6.4	54





Hole:		BR-116													
From (m)	To (m)		Rock Type & Descrip	tion			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
295.57	356.40	(,	ntermediate volcan Andesite, Latite; Si content 57-63%)		dark grey	V-csh	297.00	298.50	1.50	S038732	0.083	0.29	25.9	36.4	465
degrees TC, ~301m). A for chl+ser+carl associated v cal fracture (.75%), euhe cpy in veinle	A. Larger (de ew examples o alt seen in vith (bleache fill, lesser qz dral py trace ot @ ~344.4r	ecimeter – meter s of intervals (<10 ash beds throughed looking) ser alt cal-chl-py veins/e and ~0.5% subhm.	intermediate ash tuff. Visible scale) gray ser altered intendern) with lapilli size clasts in the count (chl vs ser variation see intervals. Moderately to stroveinlets. Primarily .25% euhledral-anhedral py in qz-cal ral py trace and ~1% subhedral py trace and ~1% subhedral py in the country	vals where beddingraded beds. Ven in gray vs green ongly sil altered tedral py in litho (+/- chl veins/vein	ing is not visible (arying (often ali en beds/bands). hroughout. Inter downhole discre llets. Trace exam	(bleached look ternating) pervasive . Stronger carb alt rval dominated by qz- ete intervals up to mple of subhedral									
			5% pyrite / <0.5% pyrite>> /- chl veins/veinlets.	.25% euhedral	py in litho, euhe	edral py trace and	298.50	300.00	1.50	S038733	0.024	0.18	50.4	3.7	67
			pyrite / 0.5-2.0% pyrite>> /- chl veins/veinlets.	.75% euhedral <sub> </sub>	py in litho, euhe	dral py trace and	300.00	301.50	1.50	S038734	0.047	0.16	34.8	4.3	59
			pyrite / <0.5% pyrite>> .2 /- chl veins/veinlets.	5% euhedral py	in litho, euhedra	al py trace and	301.50	303.00	1.50	S038735	0.042	0.11	18.5	4.5	52
		0.5% pyrite / <0.59 dral py in qz-cal +	% pyrite / 0.5-2.0% pyrite>> /- chl veinlets.	.75% euhedra	al py in litho, euh	nedral py trace and	303.00	304.50	1.50	S038736	0.046	0.26	29.1	39.5	239
			5-2.0% pyrite / <0.5% pyrite anhedral py in qz-cal +/- chl			euhedral py in litho, cal vein	304.50	306.00	1.50	S038737	0.029	0.18	56.9	4.5	65
		5% pyrite / <0.5% in qz-cal +/- chl v		5% euhedral py	in litho, euhedra	al py trace and ~1%	306.00	307.50	1.50	S038738	0.055	0.21	46.1	5.5	57
			% pyrite / <0.5% pyrite>> /- chl veins/veinlets.	.25% euhedral p	y in litho, euhed	dral py trace and	307.50	309.00	1.50	S038739	0.041	0.15	41.4	4.3	44
trace chlori	te>> Mod-	strong silicified th	silica / moderate chlorite / n roughout ash beds have it (or have no				309.00	310.50	1.50	S038741	0.023	0.37	78.6	4.7	52
Carb is also	o bed contro	olled (but varies w	ith what type (green or beige	e) it alters)											





Hole: BR-116									
From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <alt: -="" 305="" 335.4:="" carbonate="" chlorite="" moderate="" sericite="" silica="" strong="" to="" trace="" weak="">&gt; Mod-strong silicified throughout Say chl is banded because only certain ash beds have it (or have not been overprinted by sil-ser (beige color). This interval loses the larger ser altered intervals.</alt:>	310.50	312.00	1.50	S038742	0.017	0.18	48.7	3.5	46
Carb is also bed controlled (but varies with what type (green or beige) it alters)									
< <alt: -="" 335.4="" 356.4:="" carbonate="" chlorite="" moderate="" sericite="" silica="" strong="" to="" trace="" weak="">&gt; Mod-strong silicified throughout Said chl is banded because only certain ash beds have it (or have not been overprinted by sil-ser (beige color). This interval loses the larger ser altered intervals.</alt:>	312.00	313.50	1.50	S038743	0.018	0.33	118.5	6	45
Carb is also bed controlled (but varies with what type (green or beige) it alters)									
Carb is also bed controlled									
< <vein: -="" 295.57="" 356.4:="" <1.0="" quartz-calcite="">&gt; Interval dominated by qz-cal fracture fill, lesser qz-cal-chl-py veinlets.  Max 1.5 cm wide.</vein:>	313.50	315.00	1.50	S038744	0.014	0.19	55.8	3.8	52
< <struc: -="" 295.57="" 342:="" 35="" bedding="" deg.="" developed="" strongly="">&gt; Ash beds (range from 30-40) TCA</struc:>	315.00	316.50	1.50	S038745	0.021	0.2	63.3	5.2	50
< <struc: -="" 343.5="" 346.5:="" 35="" deg.="" developed="" fault="" weakly="" zone="">&gt; Fault rubble (no gauge or clay alt)</struc:>	316.50	318.00	1.50	S038746	0.021	0.23	86.6	3.8	54
	318.00	319.50	1.50	S038747	0.009	0.13	45.2	3.1	57
	319.50	321.00	1.50	S038748	0.011	0.17	63.3	3.8	63
	321.00	322.50	1.50	S038749	0.063	0.24	98.9	4.1	70
	322.50	324.00	1.50	S038751	0.059	0.32	89.8	4.1	60
	324.00	325.50	1.50	S038752	0.016	0.26	85.8	5.1	54
	325.50	327.00	1.50	S038753	0.019	0.27	89.3	4.6	71
	327.00	328.50	1.50	S038754	0.036	0.26	94.9	3.4	66
	328.50	330.00	1.50	S038755	0.02	0.22	90.6	3.7	74
	330.00	331.50	1.50	S038756	0.039	0.29	110	4.4	62
	331.50	333.00	1.50	S038757	0.095	0.27	94.9	4.3	67
	333.00	334.50	1.50	S038758	0.143	0.26	83.1	3.5	60
	334.50	336.00	1.50	S038759	0.02	0.26	99.8	3.7	65
	336.00	337.50	1.50	S038761	0.081	0.16	37.7	4	86
	337.50	339.00	1.50	S038762	0.019	0.11	33.2	2.2	68
	339.00	340.50	1.50	S038763	0.006	0.1	30.6	2.9	67





Hole:		BR-116											
From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					340.50	342.00	1.50	S038764	0.079	0.26	91.5	4.2	69
					342.00	343.50	1.50	S038765	0.008	0.2	68.4	4.2	64
					343.50	345.00	1.50	S038766	0.012	0.4	159.5	6.2	62
				_	345.00	346.50	1.50	S038767	0.024	0.3	96	5.2	56
				_	346.50	348.00	1.50	S038768	0.008	0.21	78.5	3.6	47
				_	348.00	349.50	1.50	S038769	0.022	0.43	183	7.5	59
					349.50	351.00	1.50	S038771	0.024	0.49	189	9.6	65
				_	351.00	352.50	1.50	S038772	0.014	0.17	56.3	5.6	49
				_	352.50	354.00	1.50	S038773	0.006	0.09	31.9	3.4	54
					354.00	355.50	1.50	S038774	0.024	0.13	43.9	4.2	57
					355.50	356.40	0.90	S038775	0.052	0.28	114	5.8	48

End of Hole @ 356.4





Project: Bowser Regional

Hole: BR-117

**Prospect:** Hanging Glacier **Survey Type:** Logged By: **Hole Type:** DGPS cniddery DDS **UTM Grid:** UTM83-9 Survey By: **Date Started:** 8/23/2020 **Core Size:** HQ 8/26/2020 **Casing Pulled? UTM East:** 423651.506 Azimuth: **Date Completed: Drill Company:** HyTech Casing Depth (m): **UTM North:** 6261447.801 Dip: UTM Elevation (m): 358.1 **Drill Rig:** Marked? 1014.377 Length (m): H2 8/21/2020 **Hole Purpose:** Expl **Drill Started:** Surveyed? **Local Grid: Drill Target: Drill Completed:** 8/25/2020 Water Production: NO **Local East:** Water Type: Comments: **Local North:** Water Depth (m): Local Elevation (m):

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept C Values?	Comments
0	1stREFLEX	8/22/2020	-75.5	276.3	19.5	295.8	56412	<b>~</b>	
19.1	REFLEX	8/22/2020	-75.5	276.3	19.5	295.8	56412	<b>✓</b>	
70.1	REFLEX	8/22/2020	-75.7	277.6	19.5	297.1	56223	<b>~</b>	
121.1	REFLEX	8/22/2020	-76.1	276.3	19.5	295.8	55193	<b>~</b>	
172.1	REFLEX	8/23/2020	-76.2	277.7	19.5	297.2	55228	<b>~</b>	
223.1	REFLEX	8/23/2020	-76.1	279.3	19.5	298.8	55292	<b>✓</b>	
274.1	REFLEX	8/24/2020	-76.4	280	19.5	299.5	55356	<b>~</b>	
325.1	REFLEX	8/24/2020	-76.3	282.9	19.5	302.4	55192	<b>✓</b>	
358.1	REFLEX	8/25/2020	-76.4	283.2	19.5	302.7	55329	<b>✓</b> E	ЕОН



**Structure Type:** 



Hole:		BR-11	17											
From (m)	To (m)		Rock Type & Descriptio	n		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	1.40	OVB	overburden	nothing recorded	NR									
			5% pyrite / <0.5% pyrite / <0.5% s <sub> </sub> nd py stringers (<1%). Trace amou	phalerite>> Weak amounts of dissents of sph-cal veins.	minated									
< <alt: -="" 0="" 1.<="" td=""><td>4: &gt;&gt; O\</td><td>/B</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	4: >> O\	/B												
1.40	109.10	Р	Porphyritic rocks	greenish grey	lg-vfg									
40%). Dark hlorite altere alteration. Secones at (41. ne sph-ank veaker amount << Alt: 1.4 - alteration per alt	green to be ded matrix. 'ericite alter .5-50.5m) vein (1cm unts of anh 109.1: we ervasive the g them a li	lack chl alt. sul Weak sil-carb a ation increases (62.5-67.1m). N wide) at 101.5 ledral py string ak sericite / we roughout. Wea ght greenish h	to to euhedral mafics (hbl) ranging alteration pervasive throughout with a downhole. Weak fracture control weak veining dominated by qz-cal ism. Minor amounts of disseminate iters (0.1%).  The part of the death of	uhedral porphyritic plag ranging up to up too <1mm (10%) in a dark greenish weak-mod sub meter interval pervaled oxidation. Notible weakly develop-chl and qz-cal-ankerite veins and veed anhedral to euhedral py and py bleak silica / weak iron oxide>> Weak r downhole. Chl weakly alters mafics e surfaces (goethite + limonite). Weak	sh-grey asive sericite ded fault inlets with ebs (1%) with chl-carb-ser (dark green)									
< <vein: 12="" observable<="" td=""><td></td><td>.0 quartz-calcit</td><td>e-chlorite&gt;&gt; Very weak amounts</td><td>of qz-cal-chl veins with trace oxidation</td><td>on. No</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>		.0 quartz-calcit	e-chlorite>> Very weak amounts	of qz-cal-chl veins with trace oxidation	on. No									
			lcite-pyrite>> Weak amounts of eminated anhedral py and py blebs	qz-cal-py and qz-cal veins and veinles (<1%).	ets. Trace									
< <vein: (89.55m).<="" 80="" td=""><td>- 94: 1.0-5</td><td>i.0% quartz-ca</td><td>lcite&gt;&gt; Weak amounts of qz-cal</td><td>veins and veinlets with less amounts</td><td>of qz-cal-sph</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	- 94: 1.0-5	i.0% quartz-ca	lcite>> Weak amounts of qz-cal	veins and veinlets with less amounts	of qz-cal-sph									
< <vein: 101<="" td=""><td>I - 102: &lt;1</td><td>.0 quartz-base</td><td>e metal sulphides&gt;&gt; Thin 1cm wi</td><td>de sph-cal vein. Trace amounts of qz</td><td>z-cal veinlets.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	I - 102: <1	.0 quartz-base	e metal sulphides>> Thin 1cm wi	de sph-cal vein. Trace amounts of qz	z-cal veinlets.									
< <struc: 41<br="">gouge obse</struc:>		weakly develo <sub>l</sub>	ped fault zone>> High fracture d	ensity fault zone, FeO frac surfaces.	No fault									
< <struc: 62<br="">gouge obse</struc:>		weakly develop	ped fault zone>> High fracture d	ensity fault zone, FeO frac surfaces.	No fault									
						1.40	3.00	1.60	S038801	0.189	0.36	111.5	9.5	66
						3.00	4.50	1.50	S038802	0.064	0.35	48.9	8.9	94
						4.50	6.00	1.50	S038803	0.072	0.42	132	5.9	57
						6.00	7.50	1.50	S038804	0.088	0.31	51.6	7.6	49
						7.50	9.00	1.50	S038805	0.072	0.33	65	12.3	47





rrom (m)	10 (111)	Length	Sample #	ppm	ppm	ppm	ppm	ppm
9.00	10.50	1.50	S038806	0.088	0.37	77.5	12.6	43
10.50	12.00	1.50	S038807	0.061	0.22	13.8	11.2	51
12.00	13.50	1.50	S038808	0.155	0.39	13.8	6.2	44
13.50	15.00	1.50	S038809	0.163	0.43	12.1	9.4	53
15.00	16.50	1.50	S038811	0.158	0.63	7.3	16.7	50
16.50	18.00	1.50	S038812	0.112	0.46	27.6	7.9	42
18.00	19.50	1.50	S038813	0.137	0.26	17.3	9.1	52
19.50	21.00	1.50	S038814	0.17	0.29	49	5.6	47
21.00	22.50	1.50	S038815	0.063	0.14	36.1	7.2	54
22.50	24.00	1.50	S038816	0.105	0.42	99.2	11.8	52
24.00	25.50	1.50	S038817	0.646	0.54	158.5	7.1	45
25.50	27.00	1.50	S038818	0.094	0.18	38.7	5	51
27.00	28.50	1.50	S038819	0.071	0.14	25	7.4	64
28.50	30.00	1.50	S038821	0.054	0.17	23.1	5.5	60
30.00	31.50	1.50	S038822	0.066	0.22	31.6	7	62
31.50	33.00	1.50	S038823	0.072	0.35	74.9	14.1	67
33.00	34.50	1.50	S038824	0.115	0.98	53.2	28.9	126
34.50	36.00	1.50	S038825	0.068	0.75	38.1	20.6	150
36.00	37.50	1.50	S038826	0.026	0.39	73.8	10	67
37.50	39.00	1.50	S038827	0.017	0.28	91.6	6.3	47
39.00	40.50	1.50	S038828	0.037	0.3	87.1	7.4	58
40.50	42.00	1.50	S038829	0.043	0.55	174.5	8.5	49
42.00	43.50	1.50	S038831	0.062	2.32	206	14.2	63
43.50	45.00	1.50	S038832	0.031	0.5	174	7.5	57
45.00	46.50	1.50	S038833	0.1	0.55	100	11.5	60
46.50	48.00	1.50	S038834	0.053	0.68	181.5	9.5	53
48.00	49.50	1.50	S038835	0.066	0.67	142.5	12.8	56
49.50	51.00	1.50	S038836	0.051	0.57	99.6	9.1	58
51.00	52.50	1.50	S038837	0.065	0.49	89.8	8.3	45





Hole: BR-117 From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 52.50 54.00 1.50 S038838 0.029 0.28 97.1 6.7 40 54.00 55.50 1.50 S038839 0.087 0.56 68.1 6.4 47 55.50 57.00 1.50 S038841 0.108 0.92 41.7 8.1 47 57.00 58.50 1.50 S038842 0.074 0.19 21 7.2 48 58.50 60.00 1.50 S038843 0.068 0.21 30.4 6.7 46 60.00 61.50 1.50 S038844 0.07 0.22 39 6.9 38 7 61.50 63.00 1.50 S038845 0.055 0.21 50.7 39 63.00 64.50 1.50 S038846 0.106 0.33 57.7 8.8 45 64.50 66.00 1.50 S038847 0.122 0.95 77.6 11.3 75 66.00 67.50 1.50 S038848 0.252 2.95 32.9 32.7 67 67.50 1.50 S038849 69.00 0.186 2.34 24.5 13.6 49 69.00 70.50 1.50 S038851 0.065 0.58 37.9 6.9 66 70.50 72.00 1.50 S038852 0.049 0.22 64.6 6.5 48 72.00 73.50 1.50 S038853 0.062 0.41 54 8.2 59 73.50 75.00 1.50 S038854 0.069 0.29 62.3 7.5 68 75.00 76.50 1.50 S038855 0.04 0.36 89.8 13.5 58 76.50 78.00 1.50 S038856 0.017 0.24 96.8 7.7 47 78.00 1.50 S038857 0.007 79.50 0.15 53.7 7.6 42 79.50 81.00 1.50 S038858 0.081 0.53 17.6 75.1 45 81.00 82.50 1.50 S038859 0.177 1.65 45.1 56.9 82 1.50 82.50 84.00 S038861 0.034 0.26 99.1 10.7 49 84.00 85.50 1.50 S038862 0.06 0.45 45.8 9.7 52 85.50 87.00 1.50 S038863 0.268 0.21 54.6 10.8 50 87.00 88.50 1.50 S038864 0.035 0.24 49.9 11.5 55 88.50 90.00 1.50 S038865 0.028 0.34 54 12.4 73

90.00

91.50

93.00

94.50

91.50

93.00

94.50

96.00

1.50

1.50

1.50

1.50

S038866

S038867

S038868

S038869

0.018

0.018

0.052

0.031

0.19

0.17

0.27

0.14



59.1

59.7

81.5

37.9

10.1

11

11.1

8.4

57

53

60

74



Hole: BR-1	.17										
om (m) To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Bes
			96.00	97.50	1.50	S038871	0.047	0.09	34.9	6.5	67
			97.50	99.00	1.50	S038872	0.014	0.09	30.9	6.9	66
			99.00	100.50	1.50	S038873	0.014	0.12	33.8	9.5	65
			100.50	102.00	1.50	S038874	0.022	0.15	63.7	7.7	77
			102.00	103.50	1.50	S038875	0.025	0.14	43.6	8.9	70
			103.50	105.00	1.50	S038876	0.019	0.12	27.6	7.5	64
			105.00	106.50	1.50	S038877	0.047	0.43	36.7	84.1	166
			106.50	108.00	1.50	S038878	0.382	6.81	51.1	370	953
			108.00	109.10	1.10	S038879	0.04	0.61	37.7	46.3	166
eration. Sil alteration starts to inci- table weakly developed fault zon veins ranging up to <3cm (0.1%) seminated anhedral to euhedral nounts of anhedral cpy, gn, and s	) with trace amounts of qz-cal and qz-cal py and py blebs (1%) with weaker amou ph, with the majority hosted between inte / <0.5% pyrite / <0.5% pyrite / traces pyri	d oxidation.  n) (193.00-198.00m). Weak amounts of qz-cal-chl veins and veinlets. Weak amounts of ants of anhedral py stringers (0.1%). Trace erval (161.00-162.00m).									
		eak amounts of disseminated anhedral py ets. Trace amounts of sph in thin disarticulated									
	<0.5% pyrite / <0.5% pyrite / traces pyritengers (<0.5%) with less amounts of dissertance										
<min: -="" 160="" 162:="" <0.5%="" <br="" galena="">mounts of anhedral gn, cpy, sph,</min:>	1 17	chalcopyrite>> Interval containing weak									
<min: -="" 162="" 263.5:="" <0.5%="" pyrite=""> ith less amounts of disseminated</min:>	>> Weak amounts of disseminated anh euhedral py.	edral py, py blebs, and py stringers (<0.5%)									
	rate chlorite / weak carbonate / weak silio leak sil-carb alteration. Chl weakly alters	a / weak iron oxide>> Moderate ser plag (light green). Weak fe-oxide seen on									





Hole: BR-117									
From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <alt: -="" 116="" 127:="" carbonate="" chlorite="" iron="" moderate="" oxide="" sericite="" silica="" to="" weak="">&gt; Weak chl-carb-sil alteration with less ser alt. pervasive throughout. Chl weakly alters plag giving them a light greenish hue. Weak fe-oxide seen on fracture surfaces.</alt:>									
< <alt: -="" 127="" 129:="" carbonate="" chlorite="" iron="" oxide="" silica="" trace="" weak="">&gt; Moderate ser alteration pervasive throughout. Weak sil-carb alteration. Chl weakly alters mafics (dark green) + plag giving them a light greenish hue. Weak fe-oxide seen on fracture surfaces.</alt:>									
< <alt: -="" 129="" 168:="" carbonate="" chlorite="" iron="" moderate="" oxide="" sericite="" silica="" to="" trace="" weak="">&gt; Weak to mod chl-carb alteration pervasive throughout. Weak sil-ser alteration becomes more intense gradually downhole. Chl weakly alters mafics (dark green) + plag giving them a light greenish hue. Weak fe-oxide seen on fracture surfaces (goethite + limonite).</alt:>									
< <alt: -="" 168="" 182:="" carbonate="" chlorite="" silica="" trace="" weak="">&gt; Moderate ser alteration pervasive throughout. Weak sil-carb-chl alteration. Chl weakly alters mafics (dark green) + plag (light green)</alt:>									
< <alt: -="" 182="" 263.5:="" carbonate="" chlorite="" moderate="" sericite="" silica="" to="" trace="" weak="">&gt; Moderate sil alteration pervasive throughout. Weak to mod carb altered matrix with weaker chl-ser. Light to dark green chl altered plag + mafics.</alt:>									
< <vein: -="" 115="" 129:="" <1.0="" quartz-calcite-pyrite="">&gt; Trace amounts of qz-cal-py and qz-py veins ranging up to &lt;3cm. Weak amounts of anhedral py and py blebs within the veins (2%).</vein:>									
< <vein: -="" 1.0-5.0%="" 132="" 156:="" quartz-calcite-pyrite="">&gt; Weak amounts of qz-cal-py veins ranging up too &lt;3cm hosting weak to moderate amounts of disseminated anhedral py and py blebs (3%)</vein:>									
< <vein: -="" 169="" 170:="" <1.0="" quartz-calcite-pyrite="">&gt; Trace qz-cal-py vein at (169.80m) hosting weak amounts of anhedral py and py blebs (2%).</vein:>									
< <vein: -="" 204="" 205:="" <1.0="" quartz-calcite-chlorite="">&gt; Trace qz-cal-chl vein 1.5cm wide showing no observable sulphides.</vein:>									
< <vein: -="" 1.0-5.0%="" 231="" 240:="" quartz-calcite="">&gt; Trace amounts of qz-cal and qz-cal-py veins and veinlets ranging up to &lt;4cm.</vein:>									
< <vein: -="" 254="" 259:="" <1.0="" quartz-calcite-chlorite="">&gt; Trace amounts of qz-cal-chl ranging up to &lt;2cm. No visible sulphides.</vein:>									
< <struc: -="" 109.8="" 110.37:="" 50="" deg.="" developed="" fault="" weakly="" zone="">&gt; High fracture density fault zone, strong FeO throughout. No fault gouge observed.</struc:>									
< <struc: -="" 193="" 198:="" 40="" deg.="" developed="" fault="" weakly="" zone="">&gt; High fracture density fault zone. No fault gouge observed.</struc:>									
	109.10	111.00	1.90	S038881	0.187	2.67	37.2	194.5	690
	111.00	112.50	1.50	S038882	0.117	0.7	31.2	21.4	103
	112.50	114.00	1.50	S038883	0.126	0.64	40	14.7	107
	114.00	115.50	1.50	S038884	0.067	0.57	25	22.9	211
	115.50	117.00	1.50	S038885	0.035	0.33	68.1	23	177
	117.00	118.50	1.50	S038886	0.104	0.7	37.6	27.1	297





Hole: BR-117 From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 118.50 120.00 1.50 S038887 0.923 4.02 50 103 976 120.00 121.50 1.50 S038888 0.097 0.75 88 720 89.6 121.50 123.00 1.50 S038889 0.037 0.37 57.4 53.2 246 123.00 124.50 1.50 S038891 0.022 0.36 63.8 44.8 147 124.50 126.00 1.50 S038892 0.185 2.99 60.1 31.6 494 126.00 127.50 1.50 S038893 0.205 1.39 53.8 64.8 267 127.50 129.00 1.50 S038894 1.575 4.77 71.6 133 839 129.00 130.50 1.50 S038895 0.04 0.46 49.6 36.8 153 130.50 132.00 1.50 S038896 0.026 0.31 24.9 25.5 109 132.00 133.50 1.50 S038897 0.058 0.45 59 327 16.5 133.50 135.00 1.50 0.74 S038898 0.064 43.1 41.3 462 135.00 136.50 1.50 S038899 0.042 0.5 68.8 47 122 136.50 138.00 1.50 S038901 0.043 0.6 119 285 86.9 138.00 139.50 1.50 S038902 0.036 0.68 104 108 290 141.00 1.50 S038903 139.50 0.038 0.64 61.7 96.1 548 141.00 142.50 1.50 S038904 0.067 1.32 93.6 113 411 142.50 144.00 1.50 S038905 0.176 2.36 69.7 148 1190 144.00 1.50 0.022 0.31 145.50 S038906 59.8 72.7 169 145.50 147.00 1.50 S038907 0.026 0.35 66.1 46.5 226 147.00 148.50 1.50 S038908 0.047 0.56 32.9 40.2 568 1.50 148.50 150.00 S038909 0.078 0.81 76.9 192 675 150.00 151.50 1.50 S038911 0.134 1.45 81.7 83.3 258

151.50

153.00

154.50

156.00

157.50

159.00

160.50

153.00

154.50

156.00

157.50

159.00

160.50

162.00

1.50

1.50

1.50

1.50

1.50

1.50

1.50

S038912

S038913

S038914

S038915

S038916

S038917

S038918

0.101

0.088

0.066

0.082

0.069

0.082

0.16

1.09

0.89

0.66

0.68

0.73

1.46

4.93

104.5

87

64.2

100.5

84.2

229

683

126

71

148

68.8

36.2

554

3580

362

441

587

921

970

627

3800





Hole: BR-117

From (m) To (m) Rock Type & Description From (m) To (m) Length Sample # Au Bes

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
162.00	163.50	1.50	S038919	0.09	1.16	95.8	489	408
163.50	165.00	1.50	S038921	0.025	1.07	120.5	296	915
165.00	166.50	1.50	S038922	0.008	0.35	46.8	43.5	146
166.50	168.00	1.50	S038923	0.008	0.31	41.4	23.5	115
168.00	169.50	1.50	S038924	0.019	0.43	40.6	15.2	106
169.50	171.00	1.50	S038925	0.015	0.35	26.9	14.7	102
171.00	172.50	1.50	S038926	0.013	0.42	20.9	16.9	101
172.50	174.00	1.50	S038927	0.128	0.87	26.3	27.7	107
174.00	175.50	1.50	S038928	0.61	4.54	53	91.2	131
175.50	177.00	1.50	S038929	0.333	3.22	55.1	133.5	287
177.00	178.50	1.50	S038931	0.067	2.15	84.7	131.5	432
178.50	180.00	1.50	S038932	0.123	2.91	120	299	806
180.00	181.50	1.50	S038933	0.052	0.94	76.8	57.1	226
181.50	183.00	1.50	S038934	0.069	0.96	97.7	28.9	211
183.00	184.50	1.50	S038935	0.051	1	80.8	44.2	261
184.50	186.00	1.50	S038936	0.036	2.54	66.3	111	234
186.00	187.50	1.50	S038937	0.133	3.58	118	104.5	383
187.50	189.00	1.50	S038938	0.078	6.94	185	224	531
189.00	190.50	1.50	S038939	0.016	1.58	95.1	110	215
190.50	192.00	1.50	S038941	0.01	0.61	45.1	52.2	124
192.00	193.50	1.50	S038942	0.036	0.47	36.5	34.9	79
193.50	195.00	1.50	S038943	0.026	0.49	42.8	28.2	81
195.00	196.50	1.50	S038944	0.017	0.42	26.1	32.8	80
196.50	198.00	1.50	S038945	0.014	0.32	20.9	24.8	76
198.00	199.50	1.50	S038946	0.02	0.53	28.9	15.9	71
199.50	201.00	1.50	S038947	0.033	0.6	23.8	15.8	67
201.00	202.50	1.50	S038948	0.009	0.23	23.5	6.2	69
202.50	204.00	1.50	S038949	0.008	0.22	27.1	9.7	72
204.00	205.50	1.50	S038951	0.037	0.64	47.9	17.6	96





Hole: BR-117

From (m) To (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best

From (m)	10 (m)	Length	Sample #	ppm	ppm	ppm	ppm	ppm
205.50	207.00	1.50	S038952	0.013	0.46	55.5	24.9	82
207.00	208.50	1.50	S038953	0.018	0.38	45.9	20	75
208.50	210.00	1.50	S038954	0.008	0.27	41.1	12.8	75
210.00	211.50	1.50	S038955	0.007	0.35	52.5	13	80
211.50	213.00	1.50	S038956	0.005	0.24	35.3	6.9	76
213.00	214.50	1.50	S038957	0.002	0.23	26.6	9.5	71
214.50	216.00	1.50	S038958	0.005	0.3	43.5	11.5	72
216.00	217.50	1.50	S038959	0.006	0.34	47.4	9.6	74
217.50	219.00	1.50	S038961	0.002	0.22	26.2	9.6	82
219.00	220.50	1.50	S038962	0.002	0.3	33.7	10.8	73
220.50	222.00	1.50	S038963	0.002	0.26	43.5	7.9	67
222.00	223.50	1.50	S038964	0.021	0.27	34	13.7	85
223.50	225.00	1.50	S038965	0.007	0.33	45.9	31.2	189
225.00	226.50	1.50	S038966	0.019	0.38	46.3	15.4	95
226.50	228.00	1.50	S038967	0.015	0.32	47	10.5	70
228.00	229.50	1.50	S038968	0.002	0.23	46.8	8	67
229.50	231.00	1.50	S038969	0.034	0.35	39.3	10.5	63
231.00	232.50	1.50	S038971	0.019	0.34	51.6	8.1	61
232.50	234.00	1.50	S038972	0.037	0.4	51.3	10.9	69
234.00	235.50	1.50	S038973	0.007	0.42	69.9	14.5	67
235.50	237.00	1.50	S038974	0.008	0.3	44.7	17.3	93
237.00	238.50	1.50	S038975	0.002	0.22	39.2	9.9	78
238.50	240.00	1.50	S038976	0.008	0.24	40.9	7.1	64
240.00	241.50	1.50	S038977	0.012	0.28	47.4	8.1	63
241.50	243.00	1.50	S038978	0.032	0.21	45.4	6.9	52
243.00	244.50	1.50	S038979	0.009	0.23	39.6	7	62
244.50	246.00	1.50	S038981	0.09	0.32	33.9	13.8	99
246.00	247.50	1.50	S038982	0.005	0.27	62.6	8.1	71
247.50	249.00	1.50	S038983	0.06	0.55	55.3	9.8	72





From (m) To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				249.00	250.50	1.50	S038984	0.055	0.49	78.3	10	70
			_	250.50	252.00	1.50	S038985	0.038	0.28	63.3	7.2	46
				252.00	253.50	1.50	S038986	0.009	0.33	85.5	6.1	48
			_	253.50	255.00	1.50	S038987	0.018	0.31	76.7	7.2	55
				255.00	256.50	1.50	S038988	0.02	0.32	57.4	12.3	78
				256.50	258.00	1.50	S038989	0.011	0.37	69.3	13.7	70
			_	258.00	259.50	1.50	S038991	0.209	1.23	52.8	13.8	56
			_	259.50	261.00	1.50	S038992	0.073	1.02	93.8	12.6	66
			_	261.00	262.50	1.50	S038993	0.015	0.82	98.5	8.4	57
			_	262.50	263.50	1.00	S038994	0.086	1.96	223	12.2	51
263.50 358.10 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	grey	V-fsh	263.50	264.00	0.50	S038995	0.02	1.89	286	5.1	42
263.5 - 358.1: Dark greenish			_									
legrees TCA. Strong sil alte precciated/vuggy intervals he hrough interval (319.00-320 1%). Trace amounts of qz-c	grey bedded intermediate ash tuff. Visible beds (lamination with moderate carb alteration pervasive througho sting trace amounts of anhedral to euhedral py with mo00m)(5%). Weak amounts of anhedral to euhedral py val and qz-cal-py veins and veinlets. (EOH)	out. Weakly ser-ch od to strong amou with py veinlets ra	ıl áltered. Sub meter unts of anhedral py nging up too <0.2mm	264.00	265 50	1 50	5039006	0.01	0.26	14.2	4.1	47
legrees TCA. Strong sil alte precciated/vuggy intervals he hrough interval (319.00-320 1%). Trace amounts of qz-c < <min: -="" 0.5-2.0<="" 263.5="" 319:="" td=""><td>ation with moderate carb alteration pervasive througho sting trace amounts of anhedral to euhedral py with mo 00m)(5%). Weak amounts of anhedral to euhedral py v</td><td>out. Weakly ser-ch od to strong amou with py veinlets ra</td><td>ıl áltered. Sub meter unts of anhedral py nging up too &lt;0.2mm</td><td>264.00</td><td>265.50</td><td>1.50</td><td>S038996</td><td>0.01</td><td>0.26</td><td>14.2</td><td>4.1</td><td>47</td></min:>	ation with moderate carb alteration pervasive througho sting trace amounts of anhedral to euhedral py with mo 00m)(5%). Weak amounts of anhedral to euhedral py v	out. Weakly ser-ch od to strong amou with py veinlets ra	ıl áltered. Sub meter unts of anhedral py nging up too <0.2mm	264.00	265.50	1.50	S038996	0.01	0.26	14.2	4.1	47
legrees TCA. Strong sil alte precciated/vuggy intervals he hrough interval (319.00-320 1%). Trace amounts of qz-c < <min: -="" 0.5-2.0<br="" 263.5="" 319:="">dis py in veins (0.5%) with I</min:>	ation with moderate carb alteration pervasive througho sting trace amounts of anhedral to euhedral py with mo 00m)(5%). Weak amounts of anhedral to euhedral py wal al and qz-cal-py veins and veinlets. (EOH) % pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> Weak am	out. Weakly ser-chod to strong amou with py veinlets ra ounts of dissemin	ıl áltered. Sub meter unts of anhedral py nging up too <0.2mm	264.00 265.50	265.50 267.00	1.50	S038996 S038997	0.01	0.26	14.2	4.1	47
legrees TCA. Strong sil alte precciated/vuggy intervals he hrough interval (319.00-320 1%). Trace amounts of qz-c < <min: -="" 0.5-2.0<br="" 263.5="" 319:="">dis py in veins (0.5%) with I &lt;<min: -="" 2.0-5.0%<="" 319="" 320:="" td=""><td>ation with moderate carb alteration pervasive throughous sting trace amounts of anhedral to euhedral py with mo 00m)(5%). Weak amounts of anhedral to euhedral py valued and qz-cal-py veins and veinlets. (EOH)  % pyrite / 0.5-2.0% pyrite / &lt;0.5% pyrite&gt;&gt; Weak amount of dis euhedral py (&lt;0.5%).</td><td>out. Weakly ser-chood to strong amou with py veinlets ra counts of disseminal</td><td>al altered. Sub meter unts of anhedral py nging up too &lt;0.2mm nated anhedral py and</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:></min:>	ation with moderate carb alteration pervasive throughous sting trace amounts of anhedral to euhedral py with mo 00m)(5%). Weak amounts of anhedral to euhedral py valued and qz-cal-py veins and veinlets. (EOH)  % pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> Weak amount of dis euhedral py (<0.5%).	out. Weakly ser-chood to strong amou with py veinlets ra counts of disseminal	al altered. Sub meter unts of anhedral py nging up too <0.2mm nated anhedral py and									
legrees TCA. Strong sil alte precciated/vuggy intervals he hrough interval (319.00-3201%). Trace amounts of qz-color (4.5 %). Trace amounts of qz-color (5.5 %) with 1 color (5.5 %) with 1 color (5.5 %). 320 - 358.1: 0.5-2.0 % color (5.5 %).	ation with moderate carb alteration pervasive throughorsting trace amounts of anhedral to euhedral py with mo (00m)(5%). Weak amounts of anhedral to euhedral py wall and qz-cal-py veins and veinlets. (EOH)  % pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> Weak amount of dis euhedral py (<0.5%).  pyrite>> Moderate amounts of disseminated anhedral	out. Weakly ser-chood to strong amounth py veinlets randounts of disseminal py (4%).  minated anhedral	al altered. Sub meter unts of anhedral py nging up too <0.2mm nated anhedral py and py and py and dis py in	265.50	267.00	1.50	S038997					
legrees TCA. Strong sil alte precciated/vuggy intervals his hrough interval (319.00-3201%). Trace amounts of qz-ci ci c	ation with moderate carb alteration pervasive throughors sting trace amounts of anhedral to euhedral py with moderal (5%). Weak amounts of anhedral to euhedral py valued and qz-cal-py veins and veinlets. (EOH)  "which pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> Weak amounts of disseminated anhedred (5%).  "pyrite>> Moderate amounts of disseminated anhedred (5%) which pyrite / 0.5-2.0% pyrite>> Weak amounts of disseminated anhedred (5%).  "attack to strong silica / moderate carbonate / weak sericiteration pervasive throughout. Weak chl-ser alteration."  "artz-calcite-pyrite>> Weak amounts of qz-cal-py veins	out. Weakly ser-chood to strong amounth py veinlets randounts of disseminated py (4%).  Indicate of the control	al altered. Sub meter unts of anhedral py nging up too <0.2mm nated anhedral py and py and dis py in   Strongly sil	265.50 267.00	267.00 268.50	1.50 1.50	S038997 S038998	0.06	0.63	81.5	7	33
legrees TCA. Strong sil alte precciated/vuggy intervals he hrough interval (319.00-3201%). Trace amounts of qz-c < <min: (0.5%)="" (0.5%).="" -="" 0.5-2.0="" 2.0-5.0%="" 263.5="" 272="" 281:="" 319="" 319:="" 320="" 320:="" 358.1:="" <1.0="" <<alt:="" <<min:="" <<vein:="" alter="" alteration="" carb="" dis="" in="" l="" mod="" mode="" py="" qu<="" td="" veins="" with=""><td>ation with moderate carb alteration pervasive throughors sting trace amounts of anhedral to euhedral py with moderal (5%). Weak amounts of anhedral to euhedral py valued and qz-cal-py veins and veinlets. (EOH)  "which pyrite / 0.5-2.0% pyrite / &lt;0.5% pyrite&gt;&gt; Weak amounts of disseminated anhedred (5%).  "pyrite&gt;&gt; Moderate amounts of disseminated anhedred (5%) which pyrite / 0.5-2.0% pyrite&gt;&gt; Weak amounts of disseminated anhedred (5%).  "attack to strong silica / moderate carbonate / weak sericiteration pervasive throughout. Weak chl-ser alteration."  "artz-calcite-pyrite&gt;&gt; Weak amounts of qz-cal-py veins</td><td>out. Weakly ser-chood to strong amounth py veinlets randounts of disseminated py (4%).  Indicate of the control of the control</td><td>al altered. Sub meter unts of anhedral py nging up too &lt;0.2mm nated anhedral py and py and dis py in   Strongly sil</td><td>265.50 267.00 268.50</td><td>267.00 268.50 270.00</td><td>1.50 1.50 1.50</td><td>S038997 S038998 S038999</td><td>0.06</td><td>0.63</td><td>81.5</td><td>3.7</td><td>33</td></min:>	ation with moderate carb alteration pervasive throughors sting trace amounts of anhedral to euhedral py with moderal (5%). Weak amounts of anhedral to euhedral py valued and qz-cal-py veins and veinlets. (EOH)  "which pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> Weak amounts of disseminated anhedred (5%).  "pyrite>> Moderate amounts of disseminated anhedred (5%) which pyrite / 0.5-2.0% pyrite>> Weak amounts of disseminated anhedred (5%).  "attack to strong silica / moderate carbonate / weak sericiteration pervasive throughout. Weak chl-ser alteration."  "artz-calcite-pyrite>> Weak amounts of qz-cal-py veins	out. Weakly ser-chood to strong amounth py veinlets randounts of disseminated py (4%).  Indicate of the control	al altered. Sub meter unts of anhedral py nging up too <0.2mm nated anhedral py and py and dis py in   Strongly sil	265.50 267.00 268.50	267.00 268.50 270.00	1.50 1.50 1.50	S038997 S038998 S038999	0.06	0.63	81.5	3.7	33
legrees TCA. Strong sil alte precciated/vuggy intervals he hrough interval (319.00-3201%). Trace amounts of qz-c < <min: (0.5%)="" (0.5%).="" -="" 0.5-2.0="" 2.0-5.0%="" 263.5="" 272="" 281:="" 319="" 319:="" 320="" 320:="" 358.1:="" <1.0="" <<alt:="" <<min:="" <<vein:="" alter="" alteration="" carb="" dis="" in="" l="" mod="" mode="" py="" qu<="" td="" veins="" with=""><td>ation with moderate carb alteration pervasive throughors sting trace amounts of anhedral to euhedral py with moderal (5%). Weak amounts of anhedral to euhedral py valued and qz-cal-py veins and veinlets. (EOH)  "which pyrite / 0.5-2.0% pyrite / &lt;0.5% pyrite&gt;&gt; Weak amounts of disseminated anhedred (5%).  "pyrite&gt;&gt; Moderate amounts of disseminated anhedred (5%) which pyrite / 0.5-2.0% pyrite&gt;&gt; Weak amounts of disseminated anhedred (5%).  "attack to strong silica / moderate carbonate / weak sericiteration pervasive throughout. Weak chl-ser alteration."  "artz-calcite-pyrite&gt;&gt; Weak amounts of qz-cal-py veins</td><td>out. Weakly ser-chood to strong amounth py veinlets randounts of disseminated py (4%).  Indicate of the control of the control</td><td>al altered. Sub meter unts of anhedral py nging up too &lt;0.2mm nated anhedral py and py and dis py in   Strongly sil</td><td>265.50 267.00 268.50 270.00</td><td>267.00 268.50 270.00 271.50</td><td>1.50 1.50 1.50</td><td>\$038997 \$038998 \$038999 \$039001</td><td>0.06 0.045 0.034</td><td>0.63 0.65 0.36</td><td>81.5 160 96</td><td>7 3.7 6.1</td><td>33 41 41</td></min:>	ation with moderate carb alteration pervasive throughors sting trace amounts of anhedral to euhedral py with moderal (5%). Weak amounts of anhedral to euhedral py valued and qz-cal-py veins and veinlets. (EOH)  "which pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> Weak amounts of disseminated anhedred (5%).  "pyrite>> Moderate amounts of disseminated anhedred (5%) which pyrite / 0.5-2.0% pyrite>> Weak amounts of disseminated anhedred (5%).  "attack to strong silica / moderate carbonate / weak sericiteration pervasive throughout. Weak chl-ser alteration."  "artz-calcite-pyrite>> Weak amounts of qz-cal-py veins	out. Weakly ser-chood to strong amounth py veinlets randounts of disseminated py (4%).  Indicate of the control	al altered. Sub meter unts of anhedral py nging up too <0.2mm nated anhedral py and py and dis py in   Strongly sil	265.50 267.00 268.50 270.00	267.00 268.50 270.00 271.50	1.50 1.50 1.50	\$038997 \$038998 \$038999 \$039001	0.06 0.045 0.034	0.63 0.65 0.36	81.5 160 96	7 3.7 6.1	33 41 41
legrees TCA. Strong sil alte precciated/vuggy intervals he hrough interval (319.00-3201%). Trace amounts of qz-c < <min: (0.5%)="" (0.5%).="" -="" 0.5-2.0="" 2.0-5.0%="" 263.5="" 272="" 281:="" 319="" 319:="" 320="" 320:="" 358.1:="" <1.0="" <<alt:="" <<min:="" <<vein:="" alter="" alteration="" carb="" dis="" in="" l="" mod="" mode="" py="" qu<="" td="" veins="" with=""><td>ation with moderate carb alteration pervasive throughors sting trace amounts of anhedral to euhedral py with moderal (5%). Weak amounts of anhedral to euhedral py valued and qz-cal-py veins and veinlets. (EOH)  "which pyrite / 0.5-2.0% pyrite / &lt;0.5% pyrite&gt;&gt; Weak amounts of disseminated anhedred (5%).  "pyrite&gt;&gt; Moderate amounts of disseminated anhedred (5%) which pyrite / 0.5-2.0% pyrite&gt;&gt; Weak amounts of disseminated anhedred (5%).  "attack to strong silica / moderate carbonate / weak sericiteration pervasive throughout. Weak chl-ser alteration."  "artz-calcite-pyrite&gt;&gt; Weak amounts of qz-cal-py veins</td><td>out. Weakly ser-chood to strong amounth py veinlets randounts of disseminated py (4%).  Indicate of the control of the control</td><td>al altered. Sub meter unts of anhedral py nging up too &lt;0.2mm nated anhedral py and py and dis py in   Strongly sil</td><td>265.50 267.00 268.50 270.00 271.50</td><td>267.00 268.50 270.00 271.50 273.00</td><td>1.50 1.50 1.50 1.50</td><td>\$038997 \$038998 \$038999 \$039001 \$039002</td><td>0.06 0.045 0.034 0.07</td><td>0.63 0.65 0.36 1.32</td><td>81.5 160 96 132</td><td>7 3.7 6.1 17.6</td><td>33 41 41 64</td></min:>	ation with moderate carb alteration pervasive throughors sting trace amounts of anhedral to euhedral py with moderal (5%). Weak amounts of anhedral to euhedral py valued and qz-cal-py veins and veinlets. (EOH)  "which pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> Weak amounts of disseminated anhedred (5%).  "pyrite>> Moderate amounts of disseminated anhedred (5%) which pyrite / 0.5-2.0% pyrite>> Weak amounts of disseminated anhedred (5%).  "attack to strong silica / moderate carbonate / weak sericiteration pervasive throughout. Weak chl-ser alteration."  "artz-calcite-pyrite>> Weak amounts of qz-cal-py veins	out. Weakly ser-chood to strong amounth py veinlets randounts of disseminated py (4%).  Indicate of the control	al altered. Sub meter unts of anhedral py nging up too <0.2mm nated anhedral py and py and dis py in   Strongly sil	265.50 267.00 268.50 270.00 271.50	267.00 268.50 270.00 271.50 273.00	1.50 1.50 1.50 1.50	\$038997 \$038998 \$038999 \$039001 \$039002	0.06 0.045 0.034 0.07	0.63 0.65 0.36 1.32	81.5 160 96 132	7 3.7 6.1 17.6	33 41 41 64





				ppm	ppm	ppm	ppm	ppm
277.50	279.00	1.50	S039006	0.024	0.44	146	6.2	32
279.00	280.50	1.50	S039007	0.036	0.63	278	3.9	42
280.50	282.00	1.50	S039008	0.051	1.06	313	10.8	54
282.00	283.50	1.50	S039009	0.04	0.69	198	4.8	53
283.50	285.00	1.50	S039011	0.033	1.25	469	14	66
285.00	286.50	1.50	S039012	0.031	1.01	339	5.6	46
286.50	288.00	1.50	S039013	0.123	1.67	381	6	40
288.00	289.50	1.50	S039014	0.105	2.2	387	10.6	43
289.50	291.00	1.50	S039015	0.116	1.86	280	13.5	36
291.00	292.50	1.50	S039016	0.063	1.05	310	7.6	32
292.50	294.00	1.50	S039017	0.181	0.84	161	7.1	30
294.00	295.50	1.50	S039018	0.038	0.33	72.7	4	30
295.50	297.00	1.50	S039019	0.239	0.25	48.9	3.3	27
297.00	298.50	1.50	S039021	0.239	0.37	78.2	3.2	31
298.50	300.00	1.50	S039022	0.355	0.83	76.7	9.8	76
300.00	301.50	1.50	S039023	0.038	0.5	99.2	3.8	31
301.50	303.00	1.50	S039024	0.018	0.25	48.9	3.8	34
303.00	304.50	1.50	S039025	0.015	0.28	52.4	4.6	39
304.50	306.00	1.50	S039026	0.032	0.46	114	6.7	33
306.00	307.50	1.50	S039027	0.022	0.26	65.5	5.7	31
307.50	309.00	1.50	S039028	0.045	0.39	92.4	11.6	67
309.00	310.50	1.50	S039029	0.006	0.05	19.9	2.2	28
310.50	312.00	1.50	S039031	0.193	0.33	103	4.4	33
312.00	313.50	1.50	S039032	0.258	0.47	138.5	7.5	38
313.50	315.00	1.50	S039033	0.053	0.42	95.7	9.8	58
315.00	316.50	1.50	S039034	0.1	0.44	95.5	2.7	37
316.50	318.00	1.50	S039035	0.11	0.49	121	5.7	44
318.00	319.50	1.50	S039036	0.129	1.41	192.5	30.7	71
319.50	321.00	1.50	S039037	0.043	0.86	121	10.3	54





Hole: BR-117 From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 321.00 322.50 1.50 S039038 0.015 0.35 37.5 4.4 46 322.50 324.00 1.50 S039039 0.013 0.28 4.7 43 35 324.00 325.50 1.50 S039041 0.015 0.22 30.6 5.6 41 325.50 327.00 1.50 S039042 0.019 0.34 48.1 9.5 44 327.00 328.50 1.50 S039043 0.013 0.29 57.6 4.5 42 328.50 330.00 1.50 S039044 0.017 0.35 67.5 8.9 47 330.00 331.50 1.50 S039045 0.023 0.32 88.8 6.9 73 331.50 333.00 1.50 S039046 0.033 0.43 62.2 38.4 108 333.00 334.50 1.50 S039047 0.021 0.12 47.8 6.1 47 334.50 336.00 1.50 S039048 0.022 0.23 38.3 10.6 61 336.00 337.50 1.50 0.044 0.59 S039049 75.7 15 89 337.50 339.00 1.50 S039051 0.042 0.29 88.3 17.3 58 339.00 340.50 1.50 S039052 0.089 0.58 152.5 23.5 81 340.50 342.00 1.50 S039053 0.046 0.42 113.5 18.2 64 342.00 1.50 S039054 0.017 343.50 0.3 74.5 9.7 68 343.50 345.00 1.50 S039055 0.025 0.37 81.2 9.7 49 345.00 346.50 1.50 S039056 0.021 0.46 54.9 8.6 61 1.50 S039057 0.021 346.50 348.00 0.36 67.2 4.1 48 348.00 349.50 1.50 S039058 0.068 1.38 76 22.1 116 349.50 351.00 1.50 S039059 0.05 0.63 149.5 44.7 296 1.50 351.00 352.50 S039061 0.044 0.38 69.8 10.9 56 352.50 354.00 1.50 S039062 0.018 0.3 68.9 13.1 78 354.00 355.50 1.50 S039063 0.02 0.37 87.7 13.7 98 355.50 357.00 1.50 S039064 0.019 0.43 8.8 85.5 58

357.00

358.10

1.10

S039065

0.023

0.68

151.5

End of Hole @ 358.1



7.6

44



Project: Bowser Regional

Hole: BR-118

**Prospect:** Hanging Glacier **Survey Type:** Logged By: **Hole Type:** DGPS kgibson DDS **UTM Grid:** UTM83-9 Survey By: **Date Started:** 8/23/2020 **Core Size:** HQ 425046.591 8/28/2020 **Casing Pulled? UTM East:** Azimuth: **Date Completed: Drill Company:** HyTech Casing Depth (m): **UTM North:** 6260831.967 Dip: Marked? UTM Elevation (m): 421.2 **Drill Rig:** 1394.887 Length (m): Н3 8/21/2020 **Hole Purpose:** Expl **Drill Started:** Surveyed? **Local Grid: Drill Target: Drill Completed:** 8/25/2020 Water Production: NO **Local East:** Water Type: Comments: **Local North:** Water Depth (m): Local Elevation (m): **Structure Type:** 

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	1stREFLEX	8/22/2020	-45.5	207.1	19.5	226.6	55025	<b>✓</b>	
13.2	REFLEX	8/22/2020	-45.5	207.1	19.5	226.6	55025	<b>✓</b>	
64	REFLEX	8/22/2020	-45.4	207.4	19.5	226.9	55103	<b>✓</b>	Temp. 8
115.2	REFLEX	8/22/2020	-45.5	208.6	19.5	228.1	55104	<b>✓</b>	Temp. 8
166.2	REFLEX	8/23/2020	-45.7	209.8	19.5	229.3	55210	<b>✓</b>	
217.2	REFLEX	8/24/2020	-45.7	211.2	19.5	230.7	55114	<b>✓</b>	
268.2	REFLEX	8/24/2020	-45.8	212.3	19.5	231.8	55784	<b>✓</b>	Temp. 10
319.2	REFLEX	8/25/2020	-45.7	213.8	19.5	233.3	55277	<b>✓</b>	
370.2	REFLEX	8/25/2020	-45.4	215.2	19.5	234.7	55115	<b>✓</b>	





Hole:	В	R-118							
Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
421.2	REFLEX	8/26/2020	-45.1	216.7	19.5	236.2	55183	<b>✓</b>	



Hole:	BR-1	18										
From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<b>0.00</b> << Alt: 0 - 2:	2.00 OVB  >> Overburden	overburden	NR									
2.00	34.00 V8	Mafic volcanic rocks (basaltic- grey andesite, basalt; silica content 45-57%)	V-csh	2.00	3.50	1.50	S029301	0.01	0.73	139.5	5.7	30
wide but spa in sections w	irse blocks up to 8cm w vith larger clasts. Moder	% abundance of angular to rounded range of polymictic lapilli clasts ide. Clasts are primarily weakly-defined due to silicification, but are rately carbonaceous coarse ash matrix with weak chlorite alteration. 60m, likely indicating hematite, manganese, or potassium alteration.	more pronounced Patchy									
	ers, blebs, bands, clast clasts. Overall 1-2% mir	replacements, disseminations (some euhedral), fractures. Pyrrhotite neralization.	e replacement in									
	ements, disseminations	<0.5% pyrite / <0.5% pyrite / <0.5% pyrite / traces pyrite>> Pyrite s (some euhedral), fractures. Pyrrhotite replacement in some lapilli c		3.50	5.00	1.50	S029302	0.002	0.95	204	5	34
	nt in matrix and clasts, w	/ weak silica / weak chlorite / moderate calcite>> Moderate pervasiveak pervasive chlorite alteration, patchy weak to moderate silicification.		5.00	6.50	1.50	S029303	0.002	0.54	221	4	32
		cite>> Planar qz-calcite veins, some with pyrite blebs and stringers eafter. Most veins 1-2mm wide.	s along edges. 30	6.50	8.00	1.50	S029304	0.002	0.57	201	4.4	36
< <struc: 9.5<="" td=""><td>5 - 10.5: moderately de</td><td>veloped fault zone&gt;&gt; Moderate fault zone</td><td></td><td>8.00</td><td>9.50</td><td>1.50</td><td>S029305</td><td>0.011</td><td>1.35</td><td>212</td><td>7.6</td><td>32</td></struc:>	5 - 10.5: moderately de	veloped fault zone>> Moderate fault zone		8.00	9.50	1.50	S029305	0.011	1.35	212	7.6	32
< <struc: 12<="" td=""><td>2.5 - 13.2: fault zone&gt;&gt;</td><td>Moderate fault zone</td><td>_</td><td>9.50</td><td>11.00</td><td>1.50</td><td>S029306</td><td>0.009</td><td>1.02</td><td>152</td><td>7.3</td><td>34</td></struc:>	2.5 - 13.2: fault zone>>	Moderate fault zone	_	9.50	11.00	1.50	S029306	0.009	1.02	152	7.3	34
< <struc: 20<="" td=""><td>- 20.7: strongly develo</td><td>pped fault zone&gt;&gt; Fault gouge</td><td></td><td>11.00</td><td>12.50</td><td>1.50</td><td>S029307</td><td>0.005</td><td>0.58</td><td>82</td><td>5.1</td><td>24</td></struc:>	- 20.7: strongly develo	pped fault zone>> Fault gouge		11.00	12.50	1.50	S029307	0.005	0.58	82	5.1	24
< <struc: 28<="" td=""><td>3 - 28.4: moderately dev</td><td>veloped fault zone&gt;&gt; Moderate fault zone</td><td></td><td>12.50</td><td>14.00</td><td>1.50</td><td>S029308</td><td>0.005</td><td>0.5</td><td>78.4</td><td>3.7</td><td>33</td></struc:>	3 - 28.4: moderately dev	veloped fault zone>> Moderate fault zone		12.50	14.00	1.50	S029308	0.005	0.5	78.4	3.7	33
			_	14.00	15.50	1.50	S029309	0.007	0.43	74.6	5.3	36
				15.50	17.00	1.50	S029311	0.008	0.34	76	4.2	77
				17.00	18.50	1.50	S029312	0.007	0.5	79.1	5.6	106
			_	18.50	20.00	1.50	S029313	0.002	0.44	69.8	4.9	82
			_	20.00	21.50	1.50	S029314	0.014	0.32	70.2	7	226
			_	21.50	23.00	1.50	S029315	0.026	0.42	75	5.8	141
			-	23.00	24.50	1.50	S029316	0.01	0.31	76.7	5.3	47
				24.50	26.00	1.50	S029317	0.005	0.32	88.4	4.6	43





Hole:	BR-	118										
From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				26.00	27.50	1.50	S029318	0.005	0.36	78.2	5.2	54
				27.50	29.00	1.50	S029319	0.002	0.49	93.2	5	59
				29.00	30.50	1.50	S029321	0.066	0.38	85.1	5.5	59
				30.50	32.00	1.50	S029322	0.007	0.5	104.5	4.8	67
				32.00	33.00	1.00	S029323	0.009	0.71	82.2	5.4	105
				33.00	34.00	1.00	S029324	0.013	1.18	91.8	11	153
34.00	34.70 V8	Mafic volcanic rocks (basaltic- greenish greandesite, basalt; silica content 45-57%)	ey Ig-mg	34.00	34.70	0.70	S029325	0.006	0.94	92.5	8.5	122
		ained basaltic dyke with rounded black clasts that may be amygdules. Noveins. Lower contact mixed with intermediate ash. Trace bright green cl										
				34.70	36.00	1.30	S029326	0.012	1.51	88.4	129	1330
34.70	236.43 V8	Mafic volcanic rocks (basaltic- grey andesite, basalt; silica content 45-57%)	V-csh	36.00	37.50	1.50	S029327	0.002	0.76	75.4	9	51
range of poly defined due to sericite, silica occurs down blue to grey/i (particularly f	ymictic lapilli clasts, t to silicification, but a a, and pyrite. Modera nhole from 60m, likely pink downhole, parti	pilli tuff (some sections bordering intermediate). 60% abundance of anglypically 2-7mm wide but sparse blocks up to 8cm wide. Clasts are primare more pronounced in sections with larger clasts. Clast alteration includately carbonaceous coarse ash matrix with weak chlorite alteration. Pater indicating hematite, manganese, or potassium alteration. Gradual colocularly in the lower 50m. 1-10m sections of lapillistone with >75% clast and 91.7-95.75m). Patchy 1-4mm feldspar phenocrysts occur in both matriver.	arily weakly- les chlorite, hy pinkification ur change from abundance									
, ,	ers, blebs, bands, cla clasts. Overall 1-2%	ast replacements, disseminations (some euhedral), fractures. Pyrrhotite mineralization.	replacement in									
Veins with sp	phalerite, galena, pyı	rite, chalcopyrite (60% mineralization in veins)										
blebs, clast		oyrite / <0.5% pyrite / <0.5% pyrite / traces galena / <0.5% sphalerite>> minations (some euhedral), fractures. Pyrrhotite replacement in some la		37.50	39.00	1.50	S029328	0.002	0.54	86	6	81
Veins with s	sphalerite, galena, py	rite, chalcopyrite (60% mineralization in veins)										







Hole:	BR-118
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From (m)	To (m)	Rock Type & Description	ı	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
mineralizat	tion. Pyrite stringers, blebs,	c0.5% pyrite / <0.5% pyrite / <0.5% pyrite / traces pyrite>> clast replacements, disseminations (some euhedral), fract ite and trace sphalerite blebs around edges of clasts from 9	ure coating. Pyrrhotite	39.00	40.50	1.50	S029329	0.002	0.21	92.7	5	56
mineralizat	tion. Pyrite stringers, fracat	0.5% pyrite / <0.5% pyrite / <0.5% pyrite / <0.5% pyrite>> ure coating, blebs, mottled (in the matrix), clast replacementer pyrite downhole from 145m than above units.		40.50	42.00	1.50	S029331	0.005	0.22	86.7	6.8	46
	0 - 170.5: 0.5-2.0% pyrite / and blebs associated with t	<0.5% pyrite / <0.5% pyrite>> Overall 2% mineralization. ne quartz vein network.	Pyrite fractures,	42.00	43.50	1.50	S029332	0.002	0.28	89.9	5.4	43
mineralizat	tion. Pyrite stringers, fracat	<0.5% pyrite / <0.5% pyrite / <0.5% pyrite / <0.5% pyrrhotion coating, blebs, mottled (in the matrix), clast replacement placement in some lapilli clasts.		43.50	45.00	1.50	S029333	0.006	0.56	78.7	4.7	100
mineralizat	tion. Pyrite stringers, fracat	<0.5% pyrite / 0.5-2.0% pyrite / <0.5% pyrite / <0.5% pyrite ure coating, blebs, mottled (in the matrix), clast replacement sometimes euhedral. Pyrrhotite replacement in some lapill	its, and fine euhedral	45.00	46.50	1.50	S029334	0.008	1.46	99.6	6.9	52
Moderate p	pervasive carbonate replac	conate / moderate silica / weak chlorite / weak hematite / mement in matrix and clasts, weak patchy chlorite alteration, ese or potassium "pinkification"), patchy moderate silicificat	weak pervasive	46.50	48.00	1.50	S029335	0.015	2.88	181	173	7480
calcite>> chlorite alte	Moderate pervasive carbo	arbonate / weak to moderate silica / weak chlorite / weak he nate replacement in matrix and clasts (but weak from 86.5- matite alteration (possibly manganese or potassium "pinkifi te veins and stringers	91.5), weak patchy	48.00	49.50	1.50	S029336	0.006	1.72	95.3	11.4	78
calcite>>	moderate pervasive silicifi eration, weak pervasive he	te silica / weak to moderate carbonate / weak chlorite / wea cation, weak to moderate pervasive carbonate replacemen matite alteration (possibly manganese or potassium "pinkifi	t in clasts, weak patchy	49.50	51.00	1.50	S029337	0.005	1.51	90.1	15	103
		te silica / weak carbonate / weak to moderate calcite / weak pervasive moderate silification and weak chloritization. Cal		51.00	52.00	1.00	S029338	0.006	0.94	64.9	8	64
		silica / weak sericite / trace chlorite / trace hematite / trace os. Trace patchy chlorite alteration/pinkification. Trace bright		52.00	53.00	1.00	S029339	0.005	0.94	84.7	41.3	161
Moderate բ chlorite, an	pervasive silicification, wea	silica / weak sericite / trace chlorite / trace hematite / weak k to moderate pervasive carbonate replacement in stringers ibly manganese or potassium "pinkification"), calcite veins.	s, weak patchy sericitem,	53.00	53.50	0.50	S029341	0.008	26.3	988	14700	57800





From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
and blebs o	of pyrite, and ch	5.0% quartz-calcite-pyrite>> Undulatory quartz-calcite-sphalerite veins with clots of galena alcopyrite. Sharp contacts. Three veins at 35.75m (1cm, 50 degrees), 47.05m (1cm, 10 20 degrees). Sphalerite is honey and rust coloured.	53.50	55.00	1.50	S029342	0.002	0.66	82	38.9	291
Planar qz-c	al veins 1-2mm	n wide at differing angles around 45 degrees.									
stringers ald	ong edges. Mo	0% quartz-calcite>> Planar qz-calcite veins, some with chlorite blebs and pyrite blebs and st veins 1-10mm wide. Angles range from 30-70 degrees. 1cm undulatory dark py band at py band at 146.5 (30 degrees). Py stringers and vein selvages.	55.00	56.50	1.50	S029343	0.002	0.47	89.2	6.2	119
		-25.0% quartz>> Highly silicified network of 1-2mm quartz veins (could have calcite but no No consistent direaction.	56.50	58.00	1.50	S029344	0.005	0.91	96.8	30.6	181
stringers ald band at 146	ong edges. And 3.5 (30 degrees	0-5.0% quartz-calcite>> 1-10mm wide planar qz-calcite veins, some with pyrite blebs and gles range from 30-70 degrees. 1cm undulatory dark py band at 146.5m (30 degrees). 1cm py o). Py stringers and vein selvages. Swarm of 1-3mm calcite veins from 205-227m and 15cm wide at 227m.	58.00	59.50	1.50	S029345	0.005	1.04	84.7	6.4	64
< <struc: 74<="" td=""><td>- 79.2: moder</td><td>ately developed fault zone&gt;&gt; Moderate fault zone</td><td>59.50</td><td>61.00</td><td>1.50</td><td>S029346</td><td>0.002</td><td>0.71</td><td>52.8</td><td>5</td><td>86</td></struc:>	- 79.2: moder	ately developed fault zone>> Moderate fault zone	59.50	61.00	1.50	S029346	0.002	0.71	52.8	5	86
< <struc: 10<="" td=""><td>)2.5 - 102.8: m</td><td>oderately developed fault zone&gt;&gt; Moderate fault gouge</td><td>61.00</td><td>62.50</td><td>1.50</td><td>S029347</td><td>0.005</td><td>0.6</td><td>65.6</td><td>6.1</td><td>66</td></struc:>	)2.5 - 102.8: m	oderately developed fault zone>> Moderate fault gouge	61.00	62.50	1.50	S029347	0.005	0.6	65.6	6.1	66
< <struc: 12<="" td=""><td>21.3 - 122.8: w</td><td>eakly developed fault zone&gt;&gt; Weak fault gouge</td><td>62.50</td><td>64.00</td><td>1.50</td><td>S029348</td><td>0.008</td><td>0.49</td><td>64</td><td>4.8</td><td>64</td></struc:>	21.3 - 122.8: w	eakly developed fault zone>> Weak fault gouge	62.50	64.00	1.50	S029348	0.008	0.49	64	4.8	64
< <struc: 16<="" td=""><td>3.2 - 170.1: m</td><td>oderately developed fault zone&gt;&gt; Moderately developed fault zone, strongly gouged at 167m</td><td>64.00</td><td>65.50</td><td>1.50</td><td>S029349</td><td>0.006</td><td>0.62</td><td>94.3</td><td>6.7</td><td>78</td></struc:>	3.2 - 170.1: m	oderately developed fault zone>> Moderately developed fault zone, strongly gouged at 167m	64.00	65.50	1.50	S029349	0.006	0.62	94.3	6.7	78
< <struc: 17<="" td=""><td>75.2 <b>-</b> 183.85: v</td><td>weakly developed fault zone&gt;&gt; Weakly developed fault zone, gouge @ 183m</td><td>65.50</td><td>67.00</td><td>1.50</td><td>S029351</td><td>0.002</td><td>1.08</td><td>111.5</td><td>6.6</td><td>125</td></struc:>	75.2 <b>-</b> 183.85: v	weakly developed fault zone>> Weakly developed fault zone, gouge @ 183m	65.50	67.00	1.50	S029351	0.002	1.08	111.5	6.6	125
< <struc: 18<="" td=""><td>88.4 - 188.78: 1</td><td>noderately developed sheared&gt;&gt; Moderate fault gouge, shear</td><td>67.00</td><td>68.50</td><td>1.50</td><td>S029352</td><td>0.002</td><td>1.7</td><td>110.5</td><td>16.7</td><td>162</td></struc:>	88.4 - 188.78: 1	noderately developed sheared>> Moderate fault gouge, shear	67.00	68.50	1.50	S029352	0.002	1.7	110.5	16.7	162
< <struc: 19<="" td=""><td>94.5 - 196.4: w</td><td>eakly developed fault zone&gt;&gt; Weak fault zone</td><td>68.50</td><td>70.00</td><td>1.50</td><td>S029353</td><td>0.002</td><td>1.4</td><td>111.5</td><td>14.5</td><td>136</td></struc:>	94.5 - 196.4: w	eakly developed fault zone>> Weak fault zone	68.50	70.00	1.50	S029353	0.002	1.4	111.5	14.5	136
< <struc: 20<="" td=""><td>0.7 - 204: wea</td><td>skly developed fault zone&gt;&gt; Weak-moderate fault zone</td><td>70.00</td><td>71.50</td><td>1.50</td><td>S029354</td><td>0.002</td><td>0.43</td><td>76.9</td><td>3.7</td><td>77</td></struc:>	0.7 - 204: wea	skly developed fault zone>> Weak-moderate fault zone	70.00	71.50	1.50	S029354	0.002	0.43	76.9	3.7	77
< <struc: 20<="" td=""><td>)5.1 - 205.4: m</td><td>oderately developed fault zone&gt;&gt; Moderate fault zone</td><td>71.50</td><td>73.00</td><td>1.50</td><td>S029355</td><td>0.002</td><td>0.49</td><td>108</td><td>5.3</td><td>77</td></struc:>	)5.1 - 205.4: m	oderately developed fault zone>> Moderate fault zone	71.50	73.00	1.50	S029355	0.002	0.49	108	5.3	77
< <struc: 20<="" td=""><td>9 - 212.15: m</td><td>oderately developed fault zone&gt;&gt; Moderate fault zone</td><td>73.00</td><td>74.50</td><td>1.50</td><td>S029356</td><td>0.005</td><td>0.5</td><td>108.5</td><td>5.3</td><td>86</td></struc:>	9 - 212.15: m	oderately developed fault zone>> Moderate fault zone	73.00	74.50	1.50	S029356	0.005	0.5	108.5	5.3	86
< <struc: 21<="" td=""><td>3.6 <b>-</b> 213.75: v</td><td>weakly developed sheared&gt;&gt; Weak fault gouge</td><td>74.50</td><td>76.00</td><td>1.50</td><td>S029357</td><td>0.01</td><td>0.68</td><td>101.5</td><td>6.1</td><td>88</td></struc:>	3.6 <b>-</b> 213.75: v	weakly developed sheared>> Weak fault gouge	74.50	76.00	1.50	S029357	0.01	0.68	101.5	6.1	88
< <struc: 22<="" td=""><td>23.4 - 227.9: m</td><td>oderately developed fault zone&gt;&gt; Moderate fault zone, gouge at 226m</td><td>76.00</td><td>77.50</td><td>1.50</td><td>S029358</td><td>0.002</td><td>0.35</td><td>78.1</td><td>10.9</td><td>79</td></struc:>	23.4 - 227.9: m	oderately developed fault zone>> Moderate fault zone, gouge at 226m	76.00	77.50	1.50	S029358	0.002	0.35	78.1	10.9	79
< <struc: 23<="" td=""><td>35.7 <b>-</b> 237.1: w</td><td>eakly developed fault zone&gt;&gt; Weak fault zone</td><td>77.50</td><td>79.00</td><td>1.50</td><td>S029359</td><td>0.002</td><td>0.36</td><td>77.6</td><td>3.9</td><td>83</td></struc:>	35.7 <b>-</b> 237.1: w	eakly developed fault zone>> Weak fault zone	77.50	79.00	1.50	S029359	0.002	0.36	77.6	3.9	83
		- -	79.00	80.50	1.50	S029361	0.006	1.06	93	7.3	57
		-	80.50	82.00	1.50	S029362	0.01	1.29	89.9	8.2	61
		-	82.00	83.50	1.50	S029363	0.006	1.42	136	135	313
			83.50	85.00	1.50	S029364	0.002	0.78	89.7	6.5	62
		-									





From (m)	10 (m)	Length	Sample #	ppm	ppm	ppm	ppm	ppm
86.50	88.00	1.50	S029366	0.002	0.41	80.8	7.1	65
88.00	89.50	1.50	S029367	0.002	0.38	94.3	4.8	61
89.50	91.00	1.50	S029368	0.007	0.38	84.4	4.9	65
91.00	91.70	0.70	S029369	0.005	0.44	106	10.8	77
91.70	93.00	1.30	S029371	0.006	0.34	57.7	13.2	416
93.00	94.50	1.50	S029372	0.007	0.24	49.1	11.2	510
94.50	95.75	1.25	S029373	0.002	0.21	59.4	30.9	168
95.75	97.00	1.25	S029374	0.002	0.19	73.2	5.4	65
97.00	98.50	1.50	S029375	0.005	0.21	86	7.2	82
98.50	100.00	1.50	S029376	0.002	0.19	85.5	4.9	72
100.00	101.50	1.50	S029377	0.005	0.38	120	5.7	51
101.50	103.00	1.50	S029378	0.002	0.4	112.5	4.5	65
103.00	104.50	1.50	S029379	0.002	0.28	114	3.2	61
104.50	106.00	1.50	S029381	0.002	0.25	113	2.7	64
106.00	107.50	1.50	S029382	0.002	0.28	109	4.2	80
107.50	109.00	1.50	S029383	0.002	0.27	109.5	3.4	68
109.00	110.50	1.50	S029384	0.002	0.26	103	3.4	64
110.50	112.00	1.50	S029385	0.002	0.24	93.1	3.8	66
112.00	113.50	1.50	S029386	0.002	0.19	79.3	2.8	57
113.50	115.00	1.50	S029387	0.002	0.22	88.6	3.1	66
115.00	116.50	1.50	S029388	0.002	0.21	85.5	3.7	54
116.50	118.00	1.50	S029389	0.002	0.23	64.2	3.8	54
118.00	119.50	1.50	S029391	0.104	0.24	77.3	6.2	62
119.50	121.00	1.50	S029392	0.008	0.37	69.7	5.3	72
121.00	122.50	1.50	S029393	0.008	0.66	70.5	7.1	84
122.50	124.00	1.50	S029394	0.006	1.92	95.4	40.1	336
124.00	125.50	1.50	S029395	0.002	0.77	96.9	9.3	52
125.50	127.00	1.50	S029396	0.002	0.67	65.9	7.8	77
127.00	128.50	1.50	S029397	0.002	1.27	101	37.9	192





Hole: BR-118

From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 128.50 130.00 1.50 S029398 0.002 1.11 112 11.7 85 130.00 131.50 1.50 S029399 0.002 1.12 7.3 57 117.5 131.50 133.00 1.50 S029401 0.002 1.32 141 11.3 70 133.00 134.50 1.50 S029402 0.002 0.77 117.5 13.8 59 134.50 136.00 1.50 S029403 0.002 0.54 117.5 7.3 62 136.00 137.50 1.50 S029404 0.002 0.29 113 9.1 74 137.50 139.00 1.50 S029405 0.002 0.29 136.5 8.2 67 139.00 140.50 1.50 S029406 0.002 0.2 130 6.3 70 140.50 142.00 1.50 S029407 0.002 0.22 125.5 7.7 69 142.00 143.50 1.50 S029408 0.002 0.21 123 16 73 143.50 145.00 1.50 S029409 0.002 0.31 6 124.5 106 145.00 146.50 1.50 S029411 0.002 0.29 137 9.3 80 146.50 148.00 1.50 S029412 0.002 0.31 142 12.4 309 148.00 149.50 1.50 S029413 0.002 0.29 129.5 8.1 72 151.00 1.50 S029414 0.002 129.5 149.50 0.26 7.6 68 151.00 152.50 1.50 S029415 0.002 0.24 140 6.3 67 152.50 154.00 1.50 S029416 0.002 0.25 123.5 9.4 61 154.00 155.50 1.50 S029417 0.006 0.59 128 23.3 131 155.50 157.00 1.50 S029418 0.005 8.3 0.6 128 61 157.00 158.50 1.50 S029419 0.002 0.44 171.5 7 55 1.50 158.50 160.00 S029421 0.002 0.43 145 8.8 106 160.00 161.50 1.50 S029422 0.002 0.37 113 7.2 174 161.50 163.00 1.50 S029423 0.002 0.35 113 9.7 84 163.00 164.50 1.50 S029424 0.002 0.67 9.5 74 117 164.50 166.00 1.50 S029425 0.002 0.59 109.5 7.4 169 166.00 167.50 1.50 S029426 0.008 4.5 135.5 549 334 167.50 169.00 1.50 S029427 0.08 9.35 146.5 105 157 169.00 S029428 0.008 170.50 1.50 3.76 123.5 26.8 119

170.50

172.00

1.50

S029429

0.002

0.8



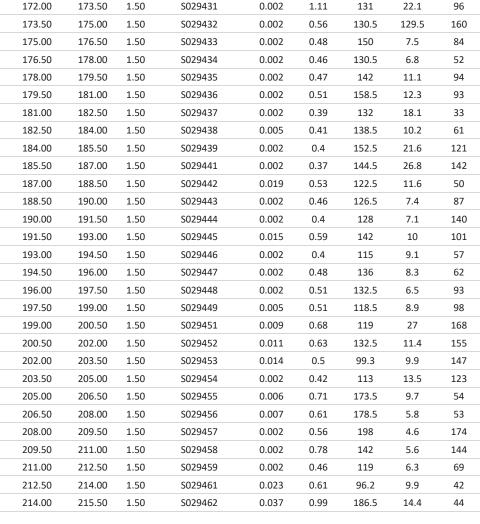
27.8

107

129.5



Hole: **BR-118** From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 172.00 173.50 1.50 S029431 0.002 1.11 131 22.1 96







From (m) To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			215.50	217.00	1.50	S029463	0.02	0.95	190.5	10.2	32
			217.00	218.50	1.50	S029464	0.007	0.66	176.5	8.5	30
			218.50	220.00	1.50	S029465	0.012	0.49	120	6.9	34
			220.00	221.50	1.50	S029466	0.011	0.4	80.1	7.9	32
			221.50	223.00	1.50	S029467	0.008	0.36	96	7.1	30
			223.00	224.50	1.50	S029468	0.008	0.34	95.7	8.4	57
			224.50	226.00	1.50	S029469	0.008	0.42	76.5	10.1	50
			226.00	227.50	1.50	S029471	0.009	0.54	82.8	41.5	135
			227.50	229.00	1.50	S029472	0.011	0.41	101.5	19.5	95
			229.00	230.50	1.50	S029473	0.007	0.3	123.5	12.5	77
			230.50	232.00	1.50	S029474	0.007	0.31	121	23.4	201
			232.00	233.50	1.50	S029475	0.005	0.29	124.5	19.3	158
			233.50	235.00	1.50	S029476	0.005	0.9	130	23.7	104
			235.00	236.43	1.43	S029477	0.103	1.79	95.6	73.7	323
236.43 237.42 V8	Mafic volcanic rocks (basaltic- green andesite, basalt; silica content 45-57%)	lg-fg									
dipping at about 45 degrees 0.5cn	d amygdaloidal basalt dyke with calcite and chlorite-filled amygdules. In apart. Brecciated upper and lower contacts with chilled margins. Mo lar veins. Small 20cm section at 236m. Very trace pyrite flecks in the r	derately									
			236.43	237.42	0.99	S029478	0.002	1.11	81.6	6.3	75





Hole: BR-118									
From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
237.42 260.50 V8 Mafic volcanic rocks (basaltic- grey andesite, basalt; silica content 45-57%)									
237.42 - 260.5: Grey mafic lapilli tuff with a mottled texture. Varying abundances of angular to rounded polymictic lapilli clasts, typically 2-7mm wide. Clasts are primarily weakly-defined due to silicification. Fracture-controlled carbonate and coarse ash matrix with weak chlorite alteration. Patchy pinkification, likely indicating hematite, manganese, or potassiur alteration. Clast alteration includes chlorite, sericite, silica, and pyrite. Patchy 1-4mm feldspar phenocrysts occur in both matrix and clasts, particularly downhole from 243.4.	n								
Pyrite stringers, blebs, bands (up to 4cm wide), clast replacements, disseminations (some euhedral), fractures. Pyrrhot replacement in some lapilli clasts. Large pyrite clots up to 4cm wide. Overall 1-2% mineralization.	te								
Vein with sphalerite, galena, pyrite at 252.1. Carbonate vein swarms.									
< <min: -="" 0.5-2.0%="" 252.1="" 312:="" <0.5%="" pyrite="">&gt; Overall 3% mineralization. No pyrrhotite. Pyrite stringers, fracature coating, blebs, mottled (in the matrix), clast replacements, and fine euhedral disseminations. Fracture coatings are sometimes euhedral. Introduction of unduatory veins containing increased mineralization and sphalerite.</min:>									
< <alt: -="" 240="" 277.83:="" calcite="" carbonate="" moderate="" sericite="" silica="" to="" weak="">&gt; Pervasive moderate silica alteration, patchy weak to moderate sericite alteration. Carbonate stringers and calcite veins</alt:>	3.								
< <vein: -="" 252.1="" 409.2:="" <1.0="" quartz-calcite-pyrite="">&gt; Cutting and often brecciated low-angle (usually around 15 degre qz-cal-py veins with varying levels of pyrite, sphalerite, chlorite, arsenopyrite, orange-pink mangano-calcite in blebs, as possible galena and trace dark red sulphosalts. Much of the pyr</vein:>									
< <struc: -="" 244.7="" 245.25:="" developed="" fault="" weakly="" zone="">&gt; Weak fault zone</struc:>									
	237.42	238.00	0.58	S029479	0.008	1	138.5	13.1	74
	238.00	239.50	1.50	S029481	0.006	0.67	133.5	19.8	159
	239.50	241.00	1.50	S029482	0.002	1.01	177	163.5	833
	241.00	242.50	1.50	S029483	0.008	0.9	192	77.7	1310
	242.50	244.00	1.50	S029484	0.002	0.82	172.5	118.5	654
	244.00	245.50	1.50	S029485	0.006	0.61	84.2	177	343
	245.50	247.00	1.50	S029486	0.007	0.23	17.5	19.7	104
	247.00	248.50	1.50	S029487	0.002	0.24	30.3	51.1	201
	248.50	250.00	1.50	S029488	0.005	0.35	14.4	99.4	608
	250.00	251.50	1.50	S029489	0.002	0.33	25.1	23.9	221





Hole:	BR-118										
From (m) To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			251.50	253.00	1.50	S029491	0.02	1.79	69.8	252	2190
			253.00	254.50	1.50	S029492	0.006	1.49	83.9	24	415
			254.50	256.00	1.50	S029493	0.007	0.81	66.4	13.6	494
			256.00	257.50	1.50	S029494	0.002	0.49	51.7	19.4	1200
			257.50	259.00	1.50	S029495	0.002	0.19	50.1	13	315
			259.00	260.50	1.50	S029496	0.002	0.17	84.7	13.1	202
260.50 277.83 \	/8 Mafic volcanic rocks (basaltic- grey andesite, basalt; silica content 45-57%)	lg-fg	260.50	262.00	1.50	S029497	0.007	0.13	81.1	15.7	239
determine due to pervasiv blue-grey texture and alter fracture coatings. Very low sericite crystals as well as	5m, though compositionally similar. Mostly fine-grained, though grain size is diff e sericite and patchy silica alteration, and there are sporadic lapilli sections. Moration. Hosts calcite vein swarms, porphyry textures, and mottled pyrite blebs, st v-angle veins with pyrite and/or sphalerite, galena, and mangano-calcite begin a darker crystals are visible particularly around 266m. Clear (but not sharp) lower dding at upper contact around 30 degrees.	tled pink abd ringers, and : 262.03. White									
< <struc: -="" 262.1="" 262.6:="" td="" v<=""><td>weakly developed fault zone&gt;&gt; Weak fault zone</td><td></td><td>262.00</td><td>263.50</td><td>1.50</td><td>S029498</td><td>0.012</td><td>0.24</td><td>132.5</td><td>15.7</td><td>418</td></struc:>	weakly developed fault zone>> Weak fault zone		262.00	263.50	1.50	S029498	0.012	0.24	132.5	15.7	418
			263.50	265.00	1.50	S029499	0.006	0.24	113.5	11.9	166
			265.00	266.50	1.50	S029501	0.002	0.22	72.2	12.7	85
			266.50	268.00	1.50	S029502	0.002	0.24	33.3	11.3	64
			268.00	269.50	1.50	S029503	0.002	0.35	90.7	9.6	250
			269.50	271.00	1.50	S029504	0.002	0.48	106.5	11.4	328
			271.00	272.50	1.50	S029505	0.005	0.67	98.5	36.5	361
			272.50	273.00	0.50	S029506	0.007	0.83	120.5	26.6	465
			273.00	273.64	0.64	S029507	0.002	0.68	138	22.3	578
			273.64	274.62	0.98	S029508	0.008	0.6	82	23.9	2300
			274.62	275.50	0.88	S029509	0.002	0.47	111	15.9	220
			275.50	277.00	1.50	S029511	0.008	0.56	122.5	22.7	507
			277.00	277.83	0.83	S029512	0.006	0.46	143	15	202





Hole:		BR-11	8											
From (m)	To (m)		Rock Type & Descriptio	on		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
277.83 - 299 edges of feld have much r surrounding carbonaceout Low angle b same as about control of the contro	dspar), thoug more consiste units, but ha us. recciated min ove unit, 3% 83 - 299.6: v >> Pervasi	iate porphyry value of the many are role of the man	Porphyritic rocks with poorly defined monomictic wounded and have a lapilli-like approacing compared to the lapilli of signification and a weakly care (sphalerite, sooty pyrite, mangalization (mottled and fracture contacts silica / weak sericite / moderation, patchy weak to moderates. Weakly carbonaceous manufacture could be supported by the contact of the contact	earance. These pseudo-lapilli surrounding units. No pinkifica bonaceous matrix. Pseudo-cla ino-calcite, galena) on a 0.25- strolled pyrite). Calcite vein sw ate carbonate / moderate calc noderate sericite alteration. Ca	1-5mm phenocrysts ation as in asts are not  1m scale are the varms.									
	Ü		ed fault zone>> Weak fault zor											
			eveloped fault zone>> Moderat											
		•	•			277.83	279.00	1.17	S029513	0.002	0.27	49.5	14.1	212
						279.00	280.50	1.50	S029514	0.007	0.24	23.5	10.7	292
						280.50	282.00	1.50	S029515	0.013	0.52	99.8	27.3	1880
						282.00	283.50	1.50	S029516	0.005	0.34	41	10.4	204
						283.50	285.00	1.50	S029517	0.006	0.42	28.7	70.7	664
						285.00	286.50	1.50	S029518	0.007	0.39	37.2	30	281
						286.50	288.00	1.50	S029519	0.006	0.39	59.4	12.3	294
						288.00	289.50	1.50	S029521	0.008	0.35	16.3	12.5	183
						289.50	291.00	1.50	S029522	0.014	0.49	71.3	17.5	629
						291.00	292.00	1.00	S029523	0.017	0.43	53.3	9.5	171
						292.00	293.10	1.10	S029524	0.683	0.55	42.8	13.5	229
						293.10	295.00	1.90	S029525	1.31	0.59	36.3	12.3	167
						295.00	296.50	1.50	S029526	0.011	0.43	44.9	11.5	289
						296.50	298.00	1.50	S029527	0.009	0.69	64	15.6	323
						298.00	298.89	0.89	S029528 S029529	0.005	0.64 4.25	33.9 78.2	136.5 1665	6080
						230.03	299.00	0.71	3023323	0.011	4.23	70.2	1002	0000

299.60

301.00 1.40

S029531

0.01

1.12



130.5

202

101.5



Hole:	В	R-118										
From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
299.60	302.24 V8	Mafic volcanic rocks (basaltic- grey andesite, basalt; silica content 45-57%)	lg-vfg	301.00	302.24	1.24	S029532	0.015	1.06	160.5	37.9	137
Brecciated v mottled textu < <alt: 299.6<="" td=""><td>rein containing py ure. Disseminated 6 - 332: weak to</td><td>ned silicified mafic ash tuff with patchy hematite, chlorite, sericite, and e rite, sphalerite, and galena at contact with upper porphyry unit. Calcite vid py and py stringers.  moderate silica / weak sericite / trace epidote / weak hematite / weak ch</td><td>vein swarm and</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	rein containing py ure. Disseminated 6 - 332: weak to	ned silicified mafic ash tuff with patchy hematite, chlorite, sericite, and e rite, sphalerite, and galena at contact with upper porphyry unit. Calcite vid py and py stringers.  moderate silica / weak sericite / trace epidote / weak hematite / weak ch	vein swarm and									
fracture cor	ntrolled epidote to	atchy weak to moderate sericite alteration. Carbonate stringers and calcomoss. Sash with hematite alteration. Alteration manifests in mottled teakly carbonaceous matrix from 320-323.52m.	•									
302.24	400.57 V8	Mafic volcanic rocks (basaltic- grey andesite, basalt; silica content 45-57%)	lg-fg									
302 24 - 400	) 57: Fine grained	to very fine grained grey matic lapilli tuff with a mottled texture. Varying	abundances of									

302.24 - 400.57: Fine grained to very fine grained grey mafic lapilli tuff with a mottled texture. Varying abundances of angular to rounded polymictic lapilli clasts, typically 2-7mm wide. Clasts are primarily weakly-defined due to silicification. Fracture-controlled carbonate and coarse ash matrix with patchy sericite, chlorite, and silica alteration. Patchy pinkification, likely indicating hematite, manganese, or potassium alteration. Patchy epidote alteration.

Unit changes to a crystal tuff from 356.66 to the end of unit, with very few visible lapilli clasts but instead 1-6mm wide chlorite-altered black rectangular phenocrysts and some round amugdule-like chlorite-altered crystals. Small sections of silicified felsic porphyritic rock that could be bombs with 1-6mm wide white poorly defined feldspar phenocrysts (see 366.47-368.59m and 395.55-396.87m).

Pyrite stringers, blebs, clast replacements, bands, fractures. Pyrrhotite replacement in some lapilli clasts. Large pyrite clots up to 4cm wide. Overall 3-4% mineralization.

Unit characterized by undulatory brecciated veins, some containing sphalerite, galena, pyrite, arsenopyrite, and possible trace sulphosalts. Carbonate vein swarms.

<<Min: 312 - 316.92: 2.0-5.0% pyrite / <0.5% pyrite / <0.5% pyrite / <0.5% pyrite / <0.5% pyrite >> Network of 5% mineralized primarily mottled pyrite with stringers, subhedral fracature coating, blebs, and clast replacements. Fracture coatings are sometimes euhedral. Trace pyrrhotite clast replacement.

<<Min: 316.92 - 340: 0.5-2.0% pyrite / <0.5% pyrite >> Overall 3% mineralization. Pyrite stringers, fracature coating, blebs, mottled (in the matrix), clast replacements, and fine euhedral disseminations. Fracture coatings are sometimes euhedral. Trace pyrrhotite clast replacement. Introduction of unduatory veins containing increased mineralization and sphalerite.





Hole:	BR-118									
From (m)	To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
mineralizati euhedral di	- 376.2: 0.5-2.0% pyrite / <0.5% pyrite / <0.5% pyrite / <0.5% pyrite / <0.5% pyrite >> Overall 1% on. Pyrite stringers, fracature coating, blebs, mottled (in the matrix), clast replacements, bands, and fine esseminations. Fracture coatings are sometimes euhedral. Trace pyrrhotite clast replacement. Sphalerite atory veins containing increased mineralization and sphalerite.									
Minimal mir	eralization (Dpy) in porphyry blocks.									
One vein at	389.96 with 30% pyrite in the vein.									
mineralizati euhedral di	2 - 399.5: 0.5-2.0% pyrite / <0.5% pyrite / <0.5% pyrite / <0.5% pyrite / <0.5% pyrite >> Overall 3% on. Pyrite stringers, fracature coating, blebs, mottled (in the matrix), clast replacements, bands, and fine seeminations. Fracture coatings are sometimes euhedral. Trace pyrrhotite clast replacement. Sphalerite atory veins containing increased mineralization and sphalerite.									
Minimal mir	eralization (Dpy) in porphyry blocks.									
mineralizati euhedral di	5 - 408: 0.5-2.0% pyrite / <0.5% pyrite / <0.5% pyrite / <0.5% pyrite / traces sphalerite>> Overall 1% on. Pyrite stringers, fracature coating, blebs, mottled (in the matrix), clast replacements, bands, and fine eseminations. Fracture coatings are sometimes euhedral. Trace pyrrhotite clast replacement. Sphalerite atory veins containing increased mineralization and sphalerite.									
Minimal mir	eralization (Dpy) in porphyry blocks.									
moderate s	347: weak to moderate silica / weak sericite / weak carbonate / trace chlorite / trace hematite>> Pervasive licification, patchy sericite alteration, weak carbonate alteration in ash matrix and weak pervasive in in veins and matrix, and mottled hematite alteration. Carbonate stringers and calcite veins.									
chlorite>> increased s phenocrysts	400.57: weak to moderate silica / weak to moderate sericite / trace chlorite / trace hematite / moderate No carbonate matrix alteration, pervasive weak to moderate silicification and patchy sericite alteration, licification from 391-396.87. Mottled patchy chloritization and pinkification, with significantly chloritized Poryphyry blocks are more highly silicified with no chloritization. Carbonate stringers and calcite veins. It fracture-controlled epidote from 395.55-409m.									
		302.24	303.00	0.76	S029533	0.011	1.42	127.5	34.4	255
		303.00	304.50	1.50	S029534	0.028	1.48	133	21.1	179
		304.50	306.00	1.50	S029535	0.005	1.4	117	27.5	158
		306.00	307.50	1.50	S029536	0.008	1.22	113.5	17.5	123
		307.50	309.00	1.50	S029537	0.007	1.14	104	19.3	475
		309.00	310.50	1.50	S029538	0.012	1.76	143.5	101.5	429
		310.50	311.21	0.71	S029539 S029541	0.005	1.49	127.5 131	279 45.6	1150 235





Hole: BR-118

From (m) To (m) To (m) Length Sample # Au Best Ag Best Cu Best Pk

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
312.00	313.50	1.50	S029542	7.13	3.82	141	280	1500
313.50	315.00	1.50	S029543	0.116	2.21	124	237	663
315.00	315.88	0.88	S029544	0.017	1.17	101	27.2	213
315.88	316.92	1.04	S029545	0.01	0.81	74.9	14.7	156
316.92	318.00	1.08	S029546	0.01	0.83	115	21.2	159
318.00	319.50	1.50	S029547	0.002	0.77	134.5	18.3	280
319.50	321.00	1.50	S029548	0.002	0.71	123	14.8	133
321.00	322.50	1.50	S029549	0.005	0.78	125.5	20.6	743
322.50	324.00	1.50	S029551	0.002	0.63	117.5	16.9	184
324.00	325.50	1.50	S029552	0.002	0.71	122.5	19.6	244
325.50	327.00	1.50	S029553	0.002	0.8	142	17.4	486
327.00	328.00	1.00	S029554	0.002	0.84	155.5	17.6	682
328.00	329.00	1.00	S029555	0.002	0.69	121	30.3	446
329.00	329.50	0.50	S029556	0.002	0.88	132	41	2320
329.50	330.66	1.16	S029557	0.002	0.91	153.5	31.1	1460
330.66	331.20	0.54	S029558	0.002	0.83	138.5	54.2	1100
331.20	332.11	0.91	S029559	0.002	1.04	171	46	184
332.11	332.61	0.50	S029561	0.002	1.06	183.5	79	225
332.61	333.50	0.89	S029562	0.002	0.86	168.5	58.1	164
333.50	335.00	1.50	S029563	0.002	0.59	111	66.4	211
335.00	336.50	1.50	S029564	0.007	0.55	105	65.3	300
336.50	338.00	1.50	S029565	0.006	0.62	131	36.4	179
338.00	339.50	1.50	S029566	0.01	0.69	133	38.6	289
339.50	340.00	0.50	S029567	0.011	0.71	113	22.4	134
340.00	341.00	1.00	S029568	0.002	0.68	128	21.2	100
341.00	342.50	1.50	S029569	0.002	0.55	101.5	20.7	97
342.50	343.20	0.70	S029571	0.005	0.66	93.7	25.1	79
343.20	343.70	0.50	S029572	0.002	0.97	59.8	474	1980
343.70	344.50	0.80	S029573	0.002	0.61	89.6	65.8	317





From (m) To (m)

### **GeoSpark: Drill Hole Report**

Hole: BR-118

**Rock Type & Description** 

	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
	344.50	346.00	1.50	S029574	0.002	0.65	94.7	14.1	190
	346.00	347.50	1.50	S029575	0.002	0.7	87.3	17.9	157
	347.50	349.00	1.50	S029576	0.002	0.58	106.5	17.9	277
	349.00	350.50	1.50	S029577	0.002	0.63	106	20.9	225
	350.50	352.00	1.50	S029578	0.002	0.5	109	10.7	195
_	352.00	353.50	1.50	S029579	0.002	0.56	135.5	14.4	391
	353.50	355.00	1.50	S029581	0.002	0.52	158	12.7	205
_	355.00	356.00	1.00	S029582	0.002	0.57	185.5	15.9	70
	356.00	356.66	0.66	S029583	0.002	0.73	200	26.4	270
_	356.66	358.00	1.34	S029584	0.002	0.75	216	37	372
	358.00	359.50	1.50	S029585	0.002	0.59	185	31.4	256
_	359.50	361.00	1.50	S029586	0.002	0.36	99.5	18.9	258
	361.00	362.50	1.50	S029587	0.002	0.34	112	14	157
_	362.50	363.85	1.35	S029588	0.002	0.72	112.5	26	79
	363.85	365.00	1.15	S029589	0.002	1.53	92.5	35.5	124
	365.00	366.47	1.47	S029591	0.006	0.76	99.4	20.3	134
	366.47	367.53	1.06	S029592	0.002	0.28	52.6	8.7	69
_	367.53	368.59	1.06	S029593	0.009	0.23	52.6	7.1	55
	368.59	369.34	0.75	S029594	0.006	0.42	98.6	8.2	224
_	369.34	370.00	0.66	S029595	0.005	0.65	134	9	270
	370.00	371.50	1.50	S029596	0.002	0.65	145	9.1	304
	371.50	373.00	1.50	S029597	0.006	0.9	181.5	10.8	58
	373.00	374.00	1.00	S029598	0.019	0.73	162.5	69.2	266
	374.00	374.83	0.83	S029599	0.043	0.54	96.5	100.5	513
_	374.83	375.49	0.66	S029601	0.009	0.78	63.8	157	1040
	375.49	376.00	0.51	S029602	0.018	1.4	163	197.5	893
_	376.00	377.50	1.50	S029603	0.006	0.91	134	12.3	52
	377.50	379.00	1.50	S029604	0.005	0.87	132.5	9.1	175
_	379.00	380.50	1.50	S029605	0.007	0.64	169	10.4	304





Hole: BR-	118											
From (m) To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				380.50	382.00	1.50	S029606	0.002	0.36	142	4.8	176
			_	382.00	383.00	1.00	S029607	0.002	0.41	130.5	6.5	115
			_	383.00	384.50	1.50	S029608	0.002	0.42	129.5	10	186
				384.50	385.11	0.61	S029609	0.005	0.47	122.5	10.1	88
				385.11	385.66	0.55	S029611	0.006	0.62	91.8	9.4	120
			_	385.66	387.00	1.34	S029612	0.002	0.51	142.5	14.8	248
			_	387.00	387.72	0.72	S029613	0.002	0.46	138	12.2	153
			_	387.72	388.50	0.78	S029614	0.005	0.61	140.5	29.2	320
				388.50	390.00	1.50	S029615	0.002	1.2	211	19.4	253
				390.00	391.50	1.50	S029616	0.006	1.75	160.5	14	197
				391.50	392.50	1.00	S029617	0.016	1.13	91.1	6.5	72
				392.50	393.22	0.72	S029618	0.006	0.72	115.5	11.1	125
			_	393.22	394.00	0.78	S029619	0.014	0.72	55.4	8.7	47
				394.00	395.00	1.00	S029621	0.007	0.39	117.5	3.7	50
			_	395.00	395.55	0.55	S029622	0.011	0.37	110.5	4.3	67
				395.55	396.87	1.32	S029623	0.036	0.15	26.5	3.2	37
			_	396.87	398.00	1.13	S029624	0.011	0.52	135	4	63
				398.00	399.00	1.00	S029625	0.002	0.53	176.5	3.4	103
				399.00	399.79	0.79	S029626	0.006	0.14	11.4	4.1	81
			_	399.79	400.57	0.78	S029627	0.349	0.54	49.7	24.4	1160
			_	400.57	401.53	0.96	S029628	0.009	0.71	133.5	14.1	160
400.57 407.32 P	Porphyritic rocks	dark grey	lg-fg	401.53	402.21	0.68	S029629	0.006	0.36	68.7	4.8	44
rock that could be bombs with 1-6 brecciated contacts, but alteration  < <alt: -="" 400.57="" 421.2:="" n<="" td="" to="" weak=""><td>ons of dark blue-grey fine-grained ash tuff a firm wide white poorly defined feldspar phe n makes this difficult to determine. noderate silica / trace sericite / weak chlorit rasive weak to moderate silicification and pa</td><td>enocrysts. They appear to hav</td><td>e sharp arbonate&gt;&gt;</td><td>402.21</td><td>402.59</td><td>0.38</td><td>S029631</td><td>0.006</td><td>0.17</td><td>24</td><td>7.8</td><td>92</td></alt:>	ons of dark blue-grey fine-grained ash tuff a firm wide white poorly defined feldspar phe n makes this difficult to determine. noderate silica / trace sericite / weak chlorit rasive weak to moderate silicification and pa	enocrysts. They appear to hav	e sharp arbonate>>	402.21	402.59	0.38	S029631	0.006	0.17	24	7.8	92
compared to previous units. Per-	vasive chloritization and pinkification (the la ion. Carbonate stringers and calcite veins.	tter to 404m). Poryphyry block	ks are more									





From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Pb Best	Zn Bes
									ppm	ppm	ppm	ppm	ppm
					402.59	402.89	0.30	S029632	0.086	0.21	44.7	4.7	33
					402.89	404.00	1.11	S029633	0.012	0.99	254	5.6	97
					404.00	405.00	1.00	S029634	0.002	2.14	338	9.8	108
					405.00	405.84	0.84	S029635	0.002	1.27	215	5.6	75
					405.84	406.50	0.66	S029636	0.013	0.49	86.9	4.6	26
					406.50	407.32	0.82	S029637	0.032	0.36	69.8	4.1	28
					407.32	407.68	0.36	S029638	0.038	0.48	11.8	11.1	32
407.32	418.63 V8	Mafic volcanic rocks (basaltic andesite, basalt; silica content 45-57%)	- dark grey	lg-fg	407.68	409.00	1.32	S029639	0.005	0.53	167.5	2.9	46
neralization <min: -="" 408="" frac<="" td="" tringers,=""><td>with euh to subhedral 418.63: 0.5-2.0% pyr</td><td>te-altered mafic ash tuff with some poorly defined py fractures and sub-mm to 1mm dissemination ite / &lt;0.5% pyrite / &lt;0.5% pyrite&gt;&gt; Overall 1% mottled (in the matrix), clast replacements, and find</td><td>s. mineralization, no ba</td><td>nds. Pyrite</td><td>409.00</td><td>410.50</td><td>1.50</td><td>S029641</td><td>0.002</td><td>0.46</td><td>155</td><td>3.3</td><td>65</td></min:>	with euh to subhedral 418.63: 0.5-2.0% pyr	te-altered mafic ash tuff with some poorly defined py fractures and sub-mm to 1mm dissemination ite / <0.5% pyrite / <0.5% pyrite>> Overall 1% mottled (in the matrix), clast replacements, and find	s. mineralization, no ba	nds. Pyrite	409.00	410.50	1.50	S029641	0.002	0.46	155	3.3	65
					410.50	412.00	1.50	S029642	0.006	0.38	145	4.6	60
					412.00	413.50	1.50	S029643	0.002	0.4	178.5	2.2	64
					413.50	415.00	1.50	S029644	0.002	0.23	108.5	2.2	67
					415.00	416.50	1.50	S029645	0.015	0.37	183.5	3.2	61
					416.50	418.00	1.50	S029646	0.007	0.26	108.5	3.8	58
						418.63	0.63	S029647	0.009	0.22	89	3.8	61
				-	418.00	418.03	0.05						
					418.00 418.63	419.70	1.07	S029648	0.148	0.13	27.6	4.9	30

<<Min: 418.63 - 421.2: traces pyrite>> Trace py stringers





Hole:	BR-118	
From (m) To (m)	Rock Type & Description	From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best ppm ppm ppm ppm ppm

End of Hole @ 421.2





Project: Bowser Regional

Hole: BR-120

**Prospect:** Hanging Glacier **Survey Type:** Logged By: hmcguire Hole Type: DGPS DDS **UTM Grid:** UTM83-9 Survey By: **Date Started:** 8/28/2020 **Core Size:** HQ 8/31/2020 **Casing Pulled? UTM East:** 424625.463 Azimuth: **Date Completed: Drill Company:** HyTech Casing Depth (m): **UTM North:** 6261129.115 Dip: UTM Elevation (m): **Drill Rig:** Marked? 1253.964 Length (m): 400 H2 8/27/2020 **Hole Purpose: Drill Started:** Surveyed? Expl **Local Grid: Drill Target: Drill Completed:** 8/30/2020 Water Production: NO **Local East:** Water Type: Comments: **Local North:** Water Depth (m): Local Elevation (m): **Structure Type:** 

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	d Accept Comments Values?
0	1stREFLEX	8/27/2020	-44.6	208.3	19.5	227.8	55111	
49.4	REFLEX	8/27/2020	-44.6	208.3	19.5	227.8	55111	
100.4	REFLEX	8/28/2020	-44.8	210.4	19.5	229.9	54734	
151.4	REFLEX	8/28/2020	-45.1	211.9	19.5	231.4	54667	
202.4	REFLEX	8/29/2020	-45.2	212.5	19.5	232	56735	
253.4	REFLEX	8/29/2020	-45.4	208.9	19.5	228.4	55513	✓
304.4	REFLEX	8/30/2020	-45.4	211.3	19.5	230.8	55963	<b>✓</b>





Hole:	BR-12	0											
From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<b>0.00</b> 0 - 21: Overb	21.00 OVB ourden	overburden		NR									
21.00	114.00 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	greenish grey	lg-fg	21.00	22.50	1.50	\$039101	0.19	6.65	386	11	166
Weakly breco Weak ep and network zone min ~.5% and Below this (2! <.25 cm wide with patchy p fracture surfa por at 82.4m variably chl+s Patchy red cl weak (eu py 3	ciated Interval (22.5-29m) of moderate ox on fracture set of cal veins parallel to be different trace patchy+blebs py in 19m) pervasive chlight with extringer and patchy bandaces. Moderate ox on fract ox	In the design of	t typically bed and fracture typically bed and fracture type and the typical (+or- py) <2 cm with the type and the type and the type and the type and the type at type at the type at	re controlled. de. Planar ssociated py  r- py and chl) a associated e epi alt on ominant vein mafic ash tuff, g downhole. hroughout,									
		2.0% pyrite / traces pyrite / traces pyrite>> T d includes what could be called stringers.	he bands where the pate	chy py min I	22.50	24.00	1.50	S039102	0.23	1.29	235	13.6	190
patchy. Fresh fractu Mag is py as Overall betw	ire surfaces had py (sub to ssociated. veen 2-3% py	0.5-2.0% pyrite / <0.5% pyrite / <0.5% pyrite / o euhedral).  Euhedral pyrite in mncal vein1 (3%) at 105.77	-	anded is	24.00	25.50	1.50	S039103	0.278	0.66	220	6.6	292
magnetite>> an)blebs in v		agnetite / 0.5-2.0% pyrite / 0.5-2.0% pyrite / 0.5 nded in veins (1.5% total) (ex@157.6), py bleb ng to bottom, mag veinlets		al). Py(fg and	25.50	27.00	1.50	S039104	0.304	0.89	307	13.4	115
		ca / weak to moderate chlorite / weak sericite / lt, but with brecciated texture came sil+ser alt		oidote>> I	27.00	28.50	1.50	S039105	0.278	0.9	289	10.7	80
		weak silica / trace sericite / trace epidote>> Ls to be fracture controlled down here though.	oss of more major sil+se	er down hole	28.50	30.00	1.50	S039106	0.251	0.72	190	9.5	81





Hole:	BR-120
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From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <alt: -="" 37.4="" 79.3:="" chlorite="" moderate="" sericite="" silica="" to="" weak="">&gt;</alt:>	30.00	31.50	1.50	S039107	0.295	0.89	310	10.4	129
< <alt: -="" 113.33:="" 79.3="" chlorite="" epidote="" moderate="" sericite="" silica="" to="" weak="">&gt; increased ser alt, possibly frac controlled, but large margins (up to 30cm bands). Weak ep alt associated with veinlets (&lt;.5cm) and in patches. Oxidation on fracture surfaces</alt:>	31.50	33.00	1.50	S039108	0.256	0.9	285	13	113
< <alt: -="" 113.33="" 115.95:="" chlorite="" clay="" epidote="" moderate="" silica="" weak="">&gt; patchy red clays</alt:>	33.00	34.50	1.50	S039109	0.263	0.72	267	17.9	96
< <vein: -="" 1.0-5.0%="" 21="" 29:="" quartz-calcite-pyrite="">&gt; Planar cal (+or- py+qz) &lt;.5cm wide. (some cal looks like ankerite). Planar sets of cal veins parallel to bedding up to .5 mm wide. Lobate qz-cal-chl-py veins &lt;2 cm wide.</vein:>	34.50	36.00	1.50	S039111	0.258	0.77	319	15	101
< <vein: -="" 29="" 44:="" <1.0="" calcite-pyrite="">&gt; Planar to weakly undulatory cal veins/veinlets (+or- py and chl) &lt;.25 cm wide.</vein:>	36.00	37.50	1.50	S039112	0.358	0.96	348	21.7	118
Py stringers in this area do not have consistent orientation, appear to be fracture fill so no sb vein was taken for them									
< <vein: -="" 44="" 5.0-10.0%="" 82.56:="" calcite="" quartz-calcite-pink="">&gt;</vein:>	37.50	39.00	1.50	S039113	0.302	0.69	242	14.3	87
< <vein: -="" 10.0-25.0%="" 82.56="" 86.14:="" calcite="" quartz-calcite-pink="">&gt; 4 main qz-pcc bx veins, cut obliquely app thick ~4cm</vein:>	39.00	40.50	1.50	S039114	0.42	0.89	328	10.3	107
< <vein: -="" 1.0-5.0%="" 102.35:="" 86.14="" calcite="" quartz-calcite-pink="">&gt; 4 bx qz pcc veins, one displaying vugs</vein:>	40.50	42.00	1.50	S039115	0.31	0.81	298	12.3	133
< <vein: -="" 102.35="" 105.89:="" 5.0-10.0%="" quartz-calcite-pyrite="">&gt; 18cm qz-cal-pcc-py (3%) at 105.77. 2 pink veins, 1% chl</vein:>	42.00	43.50	1.50	S039116	0.345	0.99	570	9.9	148
< <vein: -="" 105.89="" 144:="" 5.0-10.0%="" calcite="" quartz-calcite-pink="">&gt;</vein:>	43.50	45.00	1.50	S039117	0.397	3.34	387	10.4	143
<>Struc: 23 - 29: sporadic fault zone>> No tca possible, but fault rubble here would suggest a weakly faulted interval (brecciated texture seen in matrix).	45.00	46.50	1.50	S039118	0.336	1.23	381	7.2	109
	46.50	48.00	1.50	S039119	0.283	1.76	289	7.2	78
	48.00	49.50	1.50	S039121	2.99	5.05	384	50.5	107
	49.50	51.00	1.50	S039122	11.35	8.91	411	34.8	157
	51.00	52.50	1.50	S039123	1.745	2.51	252	16.6	85
	52.50	54.00	1.50	S039124	3.62	5.03	320	23.4	97
	54.00	55.50	1.50	S039125	0.361	1.79	453	15.4	99
	55.50	57.00	1.50	S039126	0.217	1.5	365	8.1	86
	57.00	58.50	1.50	S039127	0.231	1.74	384	9	60
	58.50	60.00	1.50	S039128	1.71	3.26	584	9.9	71
	60.00	61.50	1.50	S039129	0.663	1.8	497	9.3	76
	61.50	63.00	1.50	S039131	0.286	1.6	417	15.2	68
	63.00	64.50	1.50	S039132	0.222	1.32	344	11.7	58
	64.50	66.00	1.50	S039133	0.435	1.5	283	9	56
	66.00	67.50	1.50	S039134	0.464	1.43	473	7.3	96





From (m)	10 (m)	Length	Sample #	ppm	ppm	ppm ppm	ppm ppm	2n Best ppm
67.50	69.00	1.50	S039135	0.392	1.88	441	7.5	67
69.00	70.50	1.50	S039136	0.233	1.41	397	6.5	54
70.50	72.00	1.50	S039137	0.314	1.57	479	7.6	69
72.00	73.50	1.50	S039138	0.358	2.16	663	13.2	96
73.50	75.00	1.50	S039139	0.766	2.89	431	17.1	116
75.00	76.50	1.50	S039141	0.377	1.96	346	10.7	73
76.50	78.00	1.50	S039142	0.283	1.96	425	13.9	88
78.00	79.50	1.50	S039143	0.194	1.66	433	10.8	111
79.50	81.00	1.50	S039144	0.174	0.97	356	8.1	77
81.00	82.50	1.50	S039145	0.143	1.19	343	9	84
82.50	84.00	1.50	S039146	0.193	1.84	285	15.5	116
84.00	85.16	1.16	S039147	0.277	2.06	387	11.7	265
85.16	86.14	0.98	S039148	0.37	1.58	266	11.1	213
86.14	87.00	0.86	S039149	1.58	2.42	435	8.2	102
87.00	88.50	1.50	S039151	0.167	1.43	297	7.1	104
88.50	90.00	1.50	S039152	0.192	1.36	435	7	89
90.00	91.50	1.50	S039153	0.183	0.94	393	9.6	105
91.50	93.00	1.50	S039154	0.166	0.82	372	10.5	111
93.00	94.50	1.50	S039155	0.166	0.94	394	9	109
94.50	96.00	1.50	S039156	0.313	1.08	384	7.2	95
96.00	97.50	1.50	S039157	0.203	1.22	474	6.9	109
97.50	99.00	1.50	S039158	0.224	1.22	478	7.6	122
99.00	100.50	1.50	S039159	0.206	1.56	388	8.7	109
100.50	102.00	1.50	S039161	0.24	1.51	525	5.7	110
102.00	103.50	1.50	S039162	0.502	2.04	334	83.9	214
103.50	105.00	1.50	S039163	0.179	1.25	308	5.9	95
105.00	106.50	1.50	S039164	0.207	1.38	289	90.3	134
106.50	108.00	1.50	S039165	0.178	1.05	334	10.4	107
108.00	109.50	1.50	S039166R	0.185	0.82	228	8	103







From (m)   To (m)   Rock Type & Description   Prom (m)   To (m)   Length   Sample #   Au Best   ppm		BR-120												
114.00 264.49 V8 Maffic volcanic rocks (basaltic- greenish grey lg-fg andesite, basalt; silica content 45-57%)  114.264.95 Gradational contact with coretying ash tuff. Variably kell-ser altered matrix replacement, with patchy and vein-fracture associated epidote all increasing downhole. Patchy red clays for 2m zone from 113m. Min albite crystain present at 1577. Q2-col-MnC (all wells 220 del mineralization Managerist for 113m. 215-220.88 (intenselly silicified zone, 1% diss py, from 215.68-220 86m, with associated weakly developed fault zone. 2474-265 5m prominent epidote all, patchy and vein-left replace. Chlorite also replacing veins. ms cacle blebs of red albite in matrix, and along fracture face at 167. Py blebs in vein-sit(%), blebs up to 0.5cm (1% of total) and weakly disseminated (1%), 2-4% (20.68-280.88: 0.5-20% pyrite>) diss py 1% in ISZ <mbody> <m< th=""><th>To (m)</th><th></th><th>Rock Type &amp; Descrip</th><th>tion</th><th></th><th>From (m)</th><th>To (m)</th><th>Length</th><th>Sample #</th><th></th><th>·</th><th></th><th>Pb Best ppm</th><th>Zn Best ppm</th></m<></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody></mbody>	To (m)		Rock Type & Descrip	tion		From (m)	To (m)	Length	Sample #		·		Pb Best ppm	Zn Best ppm
114.00 264.49 V8 Mafic volcanic rocks (basaltic- greenish grey   g-fg andesite, basalt; silica content 45-57%)  114-284.49: Gradational contact with overlying sah tuff. Variably cht-sil-ser altered matrix replacement, with patchy and visinfracture associated epidote alt in crassing downhole. Patchy red clays for 2m zone from 113m. Mm albite crystals present at 167m. CtrCell-MnCal veins to 247, weak associated mineralization. Mag clost from 113m. 215-220.88 in the case of 167 by bless in veins (%), bless up to 0.5cm (1% of total) and weakly disseminated (1%), 2.4% locally varying mag clots and veinlet preplace. Chlorite also replacing veins. mm scale blebs of red albite in matrix, and along fracture face at 167. Py blesh in veins (%), bless up to 0.5cm (1% of total) and weakly disseminated (1%), 2.4% locally varying mag clots and veinlets throughout. <a href="https://docs.nib.services.org/linear/"> &lt;</a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a>						109.50	111.00	1.50	S039167R	0.123	0.72	204	7.5	102
114.00   264.49 V8   Mafic volcanic rocks (basaltic- greenish grey   Ig-fg andesite, basalt; silica content 45-57%)   150						111.00	112.50	1.50	S039168R	0.153	0.79	221	7.3	120
andesite, basalt; silica content 45-57%)  114 - 264.49: Gradational contact with overlying ash tuff. Variably chl+sil+ser altered matrix replacement, with patchy and veinfracture associated epidote alt increasing downhole. Patchy red clays for 2m zone from 113m. Mm albite crystals present at 167m. Qccal-MmCal veins to 247, weak associated mineralization. Mag clots from 113m. 215-220.85m prominent epidote alt, patchy and veinlet replace. Chlorite also replacing veins. mm scale blobs of red albite in matrix, and call and feature at 167. Pb bebs in veins(11%), blebs up to 0.5cm (1% of total) and weakly disserimated (1%), 2-4% locally varying mag clots and veinlets throughout <m></m> <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in ISZ <mi>4 mineral 216.88 - 220.68 b. 0.5-2.0% pyrite &gt; diss py 1% in</mi></mi></mi></mi></mi></mi></mi></mi></mi></mi></mi></mi></mi></mi></mi></mi></mi></mi>					-	112.50	114.00	1.50	S039169R	0.164	0.74	184.5	6	191
vein/fracture associated epidote alt increasing downhole. Patchy red clays for 2m zone from 113m. Mm albite crystals present at 167m. (Clz-Clai-MinCal veins to 247, weak associated mineralization. Mag lots from 113m. 215-220.86 Intensely silicified zone, 1% diss py, from 215.68-220.86m, with associated weakly developed fault zone. 247-4-265.5m prominent epidote alt, patchy and veinlet replace. Chlorite also replacing veins. mm scale blebs of red albite in matrix, and along fracture face at 167. Py blebs in veines (%), blebs up to 0.5cm (1% of total) and weakly disseminated (1%). 2-4% locally varying mag clots and veinlets throughout  <  < < <	264.49	a	andesite, basalt; sili		lg-fg	114.00	115.50	1.50	S039171R	0.049	0.3	79.5	4.7	349
<td>associate 67m. Qtz-0 cified zone pidote alt, e face at 1</td> <td>ated epidote alt increa z-Cal-MnCal veins to one, 1% diss py, from t, patchy and veinlet tt 167. Py blebs in vei</td> <td>asing downhole. Patchy red of 247, weak associated miner 215.68-220.86m, with associated control replace. Chlorite also replace ins(1%), blebs up to 0.5cm (</td> <td>clays for 2m zone from 113m. Mm albit alization. Mag clots from 113m. 215-2 ciated weakly developed fault zone. 24 ing veins. mm scale blebs of red albite</td> <td>te crystals 20.86 7.4-265.5m in matrix, and</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	associate 67m. Qtz-0 cified zone pidote alt, e face at 1	ated epidote alt increa z-Cal-MnCal veins to one, 1% diss py, from t, patchy and veinlet tt 167. Py blebs in vei	asing downhole. Patchy red of 247, weak associated miner 215.68-220.86m, with associated control replace. Chlorite also replace ins(1%), blebs up to 0.5cm (	clays for 2m zone from 113m. Mm albit alization. Mag clots from 113m. 215-2 ciated weakly developed fault zone. 24 ing veins. mm scale blebs of red albite	te crystals 20.86 7.4-265.5m in matrix, and									
an py blebs (1.5%), 1% disseminated. Magnetite in veinlets and in clots (3-5%), fairly consistent thoughout. <1% frac controlled py, trace amount of Mo @ 280.55 Min doesn't change over lith break.  <	.68 - 220.6	0.68: 0.5-2.0% pyrite	>> diss py 1% in ISZ			115.50	117.00	1.50	S039172R	0.255	1.28	471	8.1	139
< <alt: -="" 136.71="" 161.75:="" chlorite="" epidote="" moderate="" silica="" to="" weak="">       120.00       121.50       1.50       \$039175R       0.79       7.64       586         &lt;<alt: -="" 161.75="" 215.68:="" chlorite="" epidote="" moderate="" silica="" to="" weak="">       121.50       123.00       1.50       \$039176       0.537       1.72       \$45         &lt;<alt: -="" 215.68="" 220.86:="">&gt; 1% diss py, vuggy       123.00       124.50       1.50       \$039177       0.335       1.24       505         &lt;<alt: -="" 220.86="" 247.4:="" chlorite="" epidote="" moderate="" silica="" weak="">       124.50       126.00       1.50       \$039178       0.309       1.24       523         &lt;<alt: -="" 247.4="" 265.5:="" chlorite="" epidote="" epidote<="" moderate="" td="" to="" weak=""><td>(1.5%), 1 y.trace an</td><td>1% disseminated. M amount of Mo @ 280</td><td>lagnetite in veinlets and in cl</td><td>0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% ots (3-5%), fairly consistent thoughout.</td><td>magnetite&gt;&gt; . &lt;1% frac</td><td>117.00</td><td>118.50</td><td>1.50</td><td>S039173R</td><td>0.241</td><td>1.34</td><td>564</td><td>9.1</td><td>179</td></alt:></alt:></alt:></alt:></alt:>	(1.5%), 1 y.trace an	1% disseminated. M amount of Mo @ 280	lagnetite in veinlets and in cl	0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% ots (3-5%), fairly consistent thoughout.	magnetite>> . <1% frac	117.00	118.50	1.50	S039173R	0.241	1.34	564	9.1	179
< <alt: -="" 161.75="" 215.68:="" chlorite="" epidote="" moderate="" silica="" td="" to="" weak="" weak<="">       121.50       123.00       1.50       \$039176       0.537       1.72       545         albite&gt;&gt; mm scale blebs of red albite in matrix, and along fracture face at 167       123.00       124.50       1.50       \$039177       0.335       1.24       505         &lt;<alt: -="" 215.68="" 220.86:="">&gt; 1% diss py, vuggy       123.00       124.50       1.50       \$039177       0.335       1.24       505         &lt;<alt: -="" 220.86="" 247.4:="" chlorite="" epidote="" epidote<="" moderate="" silica="" td="" to="" weak="">       124.50       126.00       1.50       \$039178       0.309       1.24       523         &lt;<alt: -="" 247.4="" 265.5:="" chlorite="" epidote="" epidote<="" moderate="" silica="" td="" to="" weak="">       126.00       127.50       1.50       \$039179       0.203       1.11       382         &lt;<vein: -="" 10.0-25.0%="" 144="" 160:="" quartz-calcite-pyrite="">&gt; 3bx qz cal veins, 1-3% fg py associated.       127.50       129.00       1.50       \$039181       0.304       1.53       490         &lt;<vein: -="" 160="" 185:="" 5.0-10.0%="" epidote="" veins="">&gt; grey qtz py (~2%), &lt;1cm (ex -176.94m)</vein:></vein:></alt:></alt:></alt:></alt:>	95 - 136.7	.71: weak to modera	te chlorite / weak to modera	te epidote / weak silica>>		118.50	120.00	1.50	S039174R	0.224	1.64	413	6.9	175
albite>> mm scale blebs of red albite in matrix, and along fracture face at 167  < <alt: -="" 215.68="" 220.86:="">&gt; 1% diss py, vuggy   123.00 124.50 1.50 5039177 0.335 1.24 505   505     &lt;<alt: -="" 220.86="" 247.4:="" chlorite="" epidote="" moderate="" silica="" weak="">&gt; 124.50 126.00 1.50 5039178 0.309 1.24 523   523     &lt;<alt: -="" 247.4="" 265.5:="" also="" alt,="" and="" chlorite="" epidote="" moderate="" patchy="" replace.="" replacing="" td="" to="" veinlet="" veins.<="" weak=""> 126.00 127.50 1.50 5039179 0.203 1.11 382     &lt;<vein: -="" 10.0-25.0%="" 144="" 160:="" quartz-calcite-pyrite="">&gt; 3bx qz cal veins, 1-3% fg py associated. 127.50 129.00 1.50 5039181 0.304 1.53 490     &lt;<vein: -="" 160="" 185:="" 5.0-10.0%="" epidote="" veins="">&gt; grey qtz py (~2%), &lt;1cm (ex -176.94m)</vein:></vein:></alt:></alt:></alt:>	71 - 161.7	.75: weak to modera	te chlorite / weak epidote / w	veak silica / weak epidote>>		120.00	121.50	1.50	S039175R	0.79	7.64	586	553	1780
< <alt: -="" 220.86="" 247.4:="" chlorite="" epidote="" moderate="" silica="" weak="">&gt;       124.50       126.00       1.50       \$039178       0.309       1.24       523         &lt;<alt: -="" 247.4="" 265.5:="" also="" alt,="" and="" chlorite="" epidote="" moderate="" patchy="" replace.="" replacing="" silica="" td="" to="" veinlet="" veins.<="" weak="">       126.00       127.50       1.50       \$039179       0.203       1.11       382         &lt;</alt:></alt:>					/ weak	121.50	123.00	1.50	S039176	0.537	1.72	545	11.8	175
< <alt: -="" 247.4="" 265.5:="" also="" alt,="" and="" chlorite="" epidote="" moderate="" patchy="" replace.="" replacing="" silica="" td="" to="" veinlet="" veins.<="" weak="">       126.00       127.50       1.50       \$039179       0.203       1.11       382         &lt;</alt:>	68 - 220.80	.86: >> 1% diss py,	, vuggy			123.00	124.50	1.50	S039177	0.335	1.24	505	11.5	165
/ weak sericite>>       247.4-265.5m prominent epidote alt, patchy and veinlet replace. Chlorite also replacing veins.         < <vein: -="" 10.0-25.0%="" 144="" 160:="" quartz-calcite-pyrite="">&gt;       3bx qz cal veins, 1-3% fg py associated.       127.50       129.00       1.50       \$039181       0.304       1.53       490         grey qtz + an py along selvedges 157.8       490       129.00       130.50       1.50       \$039182       0.368       1.9       617         &lt;</vein:>	36 - 247.4	.4: moderate silica /	moderate chlorite / weak epi	dote / weak epidote / weak chlorite>>		124.50	126.00	1.50	S039178	0.309	1.24	523	15.1	199
grey qtz + an py along selvedges 157.8  < <vein: -="" 160="" 185:="" 5.0-10.0%="" epidote="" veins="">&gt; grey qtz py (~2%), &lt;1cm (ex -176.94m)  129.00 130.50 1.50 S039182 0.368 1.9 617  &lt;<vein: -="" 1.0-5.0%="" 185="" 189:="" calcite="" quartz-calcite-pink="">&gt; 130.50 132.00 1.50 S039183 0.474 2.11 619</vein:></vein:>						126.00	127.50	1.50	S039179	0.203	1.11	382	11.5	161
< <vein: -="" 1.0-5.0%="" 185="" 189:="" calcite="" quartz-calcite-pink="">&gt; 130.50 132.00 1.50 S039183 0.474 2.11 619</vein:>			alcite-pyrite>> 3bx qz cal v	reins, 1-3% fg py associated.	-	127.50	129.00	1.50	S039181	0.304	1.53	490	13.1	144
	) - 185: 5.	5.0-10.0% epidote V	'eins>> grey qtz py (~2%),	<1cm (ex -176.94m)		129.00	130.50	1.50	S039182	0.368	1.9	617	9.9	271
100.00 100	5 - 189: 1.	1.0-5.0% quartz-calc	cite-pink calcite>>			130.50	132.00	1.50	S039183	0.474	2.11	619	14.6	185
< <ul><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li><li>476</li>&lt;</ul>	9 - 215.68:	88: 5.0-10.0% quartz	-calcite-pink calcite>>		-	132.00	133.50	1.50	S039184	0.241	2.29	476	13.6	165
< <vein: -="" 1.0-5.0%="" 215.68="" 220.86:="" quartz-calcite="">&gt; in very sil zone 133.50 135.00 1.50 S039185 0.275 2.63 543</vein:>	5.68 - 220.	20.86: 1.0 <b>-</b> 5.0% quar	tz-calcite>> in very sil zon	е		133.50	135.00	1.50	S039185	0.275	2.63	543	12.2	154





Hole:	BR-120
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From (m) To (m) Rock Type & Description	From (m)	To (m) Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <vein: -="" 1.0-5.0%="" 220.86="" 247:="" quartz-calcite="">&gt; no obviously prominent vein type.</vein:>	135.00	136.50 1.50	S039186	0.347	1.98	576	11.8	162
< <vein: -="" 247="" 263:="" 5.0-10.0%="" epidote="" veins="">&gt; epidote alt picks up</vein:>	136.50	138.00 1.50	S039187	0.274	2.44	365	30.2	198
< <vein: -="" 263="" 283.3:="" 5.0-10.0%="" quartz-calcite="">&gt; grey qtz vein xcut mag vlts. Swarms of mag vlts cut by qtz cal veins</vein:>	138.00	139.50 1.50	S039188	0.386	3.67	527	693	1450
< <struc: -="" 141="" 142:="" 5="" deg.="" developed="" fault="" weakly="" zone="">&gt; weak clay gouge,rubblized zone</struc:>	139.50	141.00 1.50	S039189	0.617	3.36	670	12.2	208
< <struc: -="" 218.04="" 218.1:="" 50="" deg.="" developed="" fault="" weakly="" zone="">&gt; fz with silicified gouge in ISZ, chl alt</struc:>	141.00	142.00 1.00	S039191	0.466	3.05	457	12.9	203
	142.00	142.60 0.60	S039192	1.825	3.88	450	19.1	233
	142.60	143.58 0.98	S039193	0.778	4.3	282	2550	730
	143.58	144.90 1.32	S039194	0.287	2.29	423	30.5	121
	144.90	145.50 0.60	S039195	0.534	4.08	1170	8.6	91
	145.50	147.00 1.50	S039196	1.03	4.2	1495	13.7	111
	147.00	148.50 1.50	S039197	0.416	2.35	697	7.7	96
	148.50	150.00 1.50	S039198	0.292	1.47	403	8.3	91
	150.00	151.50 1.50	S039199	0.56	1.77	834	7.3	117
	151.50	153.00 1.50	S039201	0.13	0.77	141	5.2	102
	153.00	154.50 1.50	S039202	0.342	2.06	427	12.1	84
	154.50	156.00 1.50	S039203	0.612	1.5	616	9.6	89
	156.00	157.50 1.50	S039204	0.961	2.14	1140	10.8	121
	157.50	159.00 1.50	S039205	1.055	3.4	1230	10.2	108
	159.00	160.50 1.50	S039206	1.315	2.4	1240	9.5	122
	160.50	162.00 1.50	S039207	1.155	1.75	983	8.8	116
	162.00	163.50 1.50	S039208	0.546	1.24	789	9.2	123
	163.50	165.00 1.50	S039209	0.451	1.38	772	8.7	156
	165.00	166.50 1.50	S039211	0.49	1.42	833	9.7	195
	166.50	168.00 1.50	S039212	0.541	1.41	840	10.6	184
	168.00	169.50 1.50	S039213	0.512	1.59	1090	9.2	191
	169.50	171.00 1.50	S039214	0.447	0.85	553	6.9	133
	171.00	172.50 1.50	S039215	0.678	1.6	989	7.6	127
	172.50	174.00 1.50	S039216	0.694	1.37	861	8.3	108
	174.00	175.50 1.50	S039217	0.787	1.73	1000	8.4	101





Hole: BR-120 From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 175.50 177.00 1.50 S039218 0.813 2.22 1260 9.6 110 177.00 178.50 1.50 S039219 0.77 1.81 1090 9.3 105 178.50 180.00 1.50 S039221 0.76 1.69 885 7.4 110 180.00 181.50 1.50 S039222 0.468 1.04 547 5.7 116 181.50 183.00 1.50 S039223 0.597 1.05 575 6.3 123 183.00 184.50 1.50 S039224 0.696 1.14 502 6.9 119 2 184.50 186.00 1.50 S039225 0.534 800 3.1 114 186.00 187.50 1.50 S039226R 1.12 2.68 1080 4.7 102 187.50 189.00 1.50 S039227R 0.682 1.44 723 7.6 103 189.00 190.50 1.50 S039228R 0.303 0.93 7.7 337 102 190.50 192.00 1.50 S039229R 0.614 87 2.44 630 8.4 192.00 193.50 1.50 S039231R 0.569 2.61 614 9.3 113 193.50 195.00 1.50 S039232R 0.543 1.4 683 6.5 85 195.00 196.50 1.50 S039233R 0.543 1.82 913 5.2 87 198.00 1.50 S039234R 0.622 7.5 196.50 3.08 1020 85 198.00 199.50 1.50 S039235 0.756 2.27 945 10.9 112 199.50 201.00 1.50 S039236 1.1 2.33 1380 8.9 148 201.00 202.50 1.50 S039237 0.456 1.24 723 8.3 121 202.50 204.00 1.50 S039238 0.572 1.19 7.8 730 131 204.00 205.50 1.50 S039239 1.035 2.62 1150 9.3 133 1.50 205.50 207.00 S039241 0.5 1.76 787 8.3 130 207.00 208.50 1.50 S039242 0.719 1.86 1000 9.5 182 208.50 209.50 1.00 S039243 0.963 1.69 772 6.9 121

209.50

210.50

211.40

211.90

213.00

214.50

210.50

211.40

211.90

213.00

214.50

216.00

1.00

0.90

0.50

1.10

1.50

1.50

S039244

S039245

S039246

S039247

S039248

S039249

0.94

0.504

0.227

0.753

0.6

0.417

1.93

2.12

1.08

4.85

2.42

2.42

823

868

198.5

1580

1150

1060

8.2

10.5

11.3

11.1

9.2

10

105

123

248

207

184

192





Hole: BR-120

From (m) To (m	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		216.00	217.50	1.50	S039251	0.225	1.41	605	9.9	199
		217.50	218.00	0.50	S039252	0.185	4.61	627	27	219
		218.00	219.00	1.00	S039253	0.36	4.03	466	21	159
		219.00	220.50	1.50	S039254	0.473	3.13	1020	11.1	102
		220.50	222.00	1.50	S039255	0.997	3.37	1350	8.9	106
		222.00	223.50	1.50	S039256	0.887	2.36	1280	11.5	94
		223.50	225.00	1.50	S039257	0.693	2.24	1040	10.9	95
		225.00	226.50	1.50	S039258	0.652	3.51	962	9.5	106
		226.50	228.00	1.50	S039259	0.394	1.66	912	10.2	194
		228.00	229.50	1.50	S039261	0.295	1.3	806	9.9	203
		229.50	231.00	1.50	S039262	0.458	2.23	1040	9.4	196
		231.00	232.50	1.50	S039263	0.301	1.49	832	10.3	163
		232.50	234.00	1.50	S039264	0.428	1.83	970	8.8	155
		234.00	235.50	1.50	S039265	0.289	4.98	779	16	165
		235.50	237.00	1.50	S039266	0.281	5.23	782	16.4	154
		237.00	238.50	1.50	S039267	0.335	2.44	932	8.1	115
		238.50	240.00	1.50	S039268	0.379	2.03	976	11	153
		240.00	241.50	1.50	S039269	0.263	1.57	793	11.8	145
		241.50	243.00	1.50	S039271	0.374	1.76	1090	11.9	191
		243.00	244.50	1.50	S039272	0.287	1.57	806	9.2	170
		244.50	246.00	1.50	S039273	0.361	1.21	736	7.8	168
		246.00	247.50	1.50	S039274	0.21	1.15	552	8.2	180
		247.50	249.00	1.50	S039275	0.123	1.65	357	9	161
		249.00	250.50	1.50	S039276	0.191	2.09	554	12.4	190
		250.50	252.00	1.50	S039277	0.221	2.83	518	15.8	168
		252.00	253.50	1.50	S039278	0.191	9.11	501	15.7	179
		253.50	255.00	1.50	S039279	0.464	1.42	787	11	144
		255.00	256.50	1.50	S039281	0.598	1.78	1120	8.2	174
		256.50	258.00	1.50	S039282	0.16	0.99	555	8.2	137





Hole:	BR-120												
From (m) To (	m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					258.00	259.50	1.50	S039283	0.239	1.37	728	8.6	148
					259.50	261.00	1.50	S039284	0.26	1.16	737	10.2	118
					261.00	262.50	1.50	S039285	0.215	1.09	718	9.8	137
					262.50	263.50	1.00	S039286	0.288	1.6	808	12.4	163
					263.50	264.49	0.99	S039287R	1.01	2.71	1470	12	150
264.49 283	3.30 P F	Porphyritic rocks	green	lg-fg									

264.49 - 283.3: Gradational contact with tuff unit above. Anhedral to euhedral porphyritic plag ranging up too <1cm (20%). Locally more crowded phenos. Epidote alt fsp phenos. Dark green to black chl alt. sub to euhedral mafics (hbl) up to <3mm (5%) in a dark greenish-grey chlorite altered matrix. Some well formed hbl xtals at 281.57. 3cm chl alt clast @ 281.32.

Epidote crosscutting potassic alteration (veinlets). Chl alt veins. Epidote, magnetite veinlets dominant. Grey qtz-trace py veis xcut mag veinlets. An py blebs (1.5%), 1% disseminated. Magnetite in veinlets and in clots (3-5%), fairly consistent thoughout. <1% frac controlled py.trace amount of Mo @ 280.55.

<<Alt: 265.5 - 279: weak to moderate k-feldspar / weak to moderate epidote / weak to moderate silica / weak to moderate chlorite / weak to moderate epidote>> Epidote crosscutting potassic alteration (veinlets). Feldspars in porphy alt to ep. Chl alt veins

<<Alt: 279 - 283.3: weak to moderate chlorite / moderate epidote / moderate epidote / weak to moderate epidote / weak to moderate silica>>

264.49	265.50	1.01	S039288R	1.085	2.38	1570	9.1	141
265.50	267.00	1.50	S039289R	0.357	1.04	457	9.5	123
267.00	268.50	1.50	S039291R	0.082	0.38	106.5	9.5	96
268.50	270.00	1.50	S039292R	0.116	0.49	137.5	9	109
270.00	271.50	1.50	S039293	0.147	0.51	191.5	8.4	117
271.50	273.00	1.50	S039294	0.134	0.42	173.5	10.3	136
273.00	274.50	1.50	S039295	0.262	0.63	315	11.9	121
274.50	276.00	1.50	S039296	0.368	1.01	389	9.6	106
276.00	277.50	1.50	S039297	0.393	0.91	374	41.5	128
277.50	279.00	1.50	S039298	0.682	1.33	654	15.6	97
279.00	280.50	1.50	S039299	0.345	1.13	532	13.3	95
280.50	282.00	1.50	S039301	0.203	0.72	350	10.8	85
282.00	283.30	1.30	S039302	0.21	0.76	382	8.2	78



Hole: BR-1	120									
From (m) To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
283.30 316.40 V8	Mafic volcanic rocks (basaltic- greenish grey V-csh andesite, basalt; silica content 45-57%)									
1%. Py blebs in veins (1%) and so	chl alt mafic lapilli tuff. An mag decreased, mostly in veinlets (2% total) and some clots ome (<1%) in matrix. Grey fg py in vein at 315.6m. Eu py diss (1%). Epidote patches controlled focused replacements and pheno repl and veinlet repl. Ser alt likely frac controlled focused									
	nagnetite / 0.5-2.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% magnetite>> lets (2% total) and some clots <1%. Py blebs in veins (1%) and some (<1%) in matrix. by diss (1%)									
chlorite / weak to moderate silica>	strong epidote / moderate epidote / weak to moderate sericite / weak to moderate > Epidote patches around probably mafic clasts,matrix replacements and pheno repl controlled focused around 292-294.									
< <vein: -="" 1.0-5.0%="" 283.3="" 316.4:="" o<="" td=""><td>quartz-calcite&gt;&gt; 16cm qz cal py chl, minor pcc vein, jumbled together @285.9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	quartz-calcite>> 16cm qz cal py chl, minor pcc vein, jumbled together @285.9									
		283.30	284.00	0.70	S039303	0.288	1.81	775	11.2	102
		284.00	285.50	1.50	S039304	0.246	1.08	682	9.2	109
		285.50	287.00	1.50	S039305	0.156	0.59	343	6.7	110
		287.00	288.50	1.50	S039306	0.212	0.91	641	7.4	126
		288.50	290.00	1.50	S039307	0.166	0.68	391	4.3	133
		290.00	291.50	1.50	S039308	0.138	0.63	259	6.9	157
		291.50	293.00	1.50	S039309	0.382	2.19	342	8.1	175
		293.00	294.50	1.50	S039311	0.125	1.87	314	10.5	182
		294.50	296.00	1.50	S039312	0.251	0.88	449	7.4	109
		296.00	297.50	1.50	S039313	0.257	0.87	387	9.2	121
		297.50	299.00	1.50	S039314	0.189	1	366	9.5	127
		299.00	300.50	1.50	S039315	0.228	0.82	328	10.3	119
		300.50	302.00	1.50	S039316	0.235	0.79	298	11.2	116
		302.00	303.50	1.50	S039317	0.231	1.05	336	10.8	128
		303.50	305.00	1.50	S039318	0.192	0.74	246	12.3	133
		305.00	306.50	1.50	S039319	0.194	0.83	310	8.8	122

306.50

308.00

1.50

S039321

0.355

1.47



6.5

101

291



Hole:	BR-120									
From (m) To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		308.00	309.50	1.50	S039322	0.438	1.85	396	8.6	126
		309.50	311.00	1.50	S039323	0.893	1.87	406	10.5	113
		311.00	312.50	1.50	S039324	0.195	1.28	427	12.5	125
		312.50	314.00	1.50	S039325	0.197	1.14	377	10.1	138
		314.00	315.50	1.50	S039326	0.157	1.07	328	9.2	128
		315.50	316.40	0.90	S039327	0.16	1.79	471	9.3	101

End of Hole @ 400





Project: Bowser Regional

Hole: BR-121

Prospect: Hanging Glacier

UTM Grid: UTM83-9

UTM East: 424944.756

UTM North: 6260994.903

UTM Elevation (m): 1351.183

Local Grid: Local East: Local North:

Local Elevation (m):

**Survey Type: DGPS** Logged By: kgibson Survey By: **Date Started:** 8/28/2020 Azimuth: **Date Completed:** 9/2/2020 Dip: **Drill Company:** HyTech Length (m): **Drill Rig:** Н3 490.4 8/26/2020 **Hole Purpose: Drill Started:** Expl 8/31/2020 **Drill Target: Drill Completed:** Comments:

Logged by Katie Gibson - Drill string was pulled at 268.4 and found the blocks to be 6m out, according to drillers. They claimed to move the blocks 6m forward from 268.4m onwards, and 3m were added to the beginning of the collar (perhaps error in calculating original overburden/drill height). 0.00-268.4 was adjusted by 3m and all metreage has been updated in Geospark to reflect what we believe to be true depth.

Hole Type:

Core Size:

HQ
Casing Pulled?

Casing Depth (m):

Marked?

Surveyed?

Water Production:

NO
Water Type:

Water Depth (m):

**Structure Type:** 

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	1stREFLEX	8/27/2020	-46.7	210.9	19.5	230.4	55372	<b>✓</b>	
25.4	REFLEX	8/27/2020	-46.7	210.9	19.5	230.4	55372	<b>✓</b>	
76.4	REFLEX	8/27/2020	-46.9	211.4	19.5	230.9	55167	<b>✓</b>	
127.4	REFLEX	8/27/2020	-46.8	211.9	19.5	231.4	55060	<b>✓</b>	Temp. 6
178.4	REFLEX	8/28/2020	-46.9	212.4	19.5	231.9	55153	<b>✓</b>	
229.4	REFLEX	8/28/2020	-47	214	19.5	233.5	59964	<b>✓</b>	
277.4	REFLEX	8/29/2020	-47	214.5	19.5	234	55200	$\checkmark$	Not sure if corrected depth





Hole:	В	R-121							
Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	
328.4	REFLEX	8/29/2020	-47	215.7	19.5	235.2	55135	<b>✓</b>	Temp.10
379.4	REFLEX	8/30/2020	-46.8	216.9	19.5	236.4	55130	<b>✓</b>	
430.4	REFLEX	8/31/2020	-46.8	218.2	19.5	237.7	55179	<b>✓</b>	
481.4	REFLEX	8/31/2020	-46.7	219.6	19.5	239.1	54925	<b>✓</b>	



Hole: BR-12	21										
From (m) To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00 11.00 OVB	overburden	NR									
0 - 11: Lithologically similar to unit fro	m 7-8m but very broken up, not sampled										
< <min: -="" 0.5="" 10="" 15:="" 2.0-5.0%="" 4%<="" and="" clast="" pyrite="" replacement.="" stringers="" td=""><td>5-2.0% pyrite / 0.5-2.0% pyrite&gt;&gt; Py replacing over interval.</td><td>g beds forming bands, as well as</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	5-2.0% pyrite / 0.5-2.0% pyrite>> Py replacing over interval.	g beds forming bands, as well as									
< <alt: -="" 0="" 11:="" chlorite="" s<="" td="" weak=""><td>silica&gt;&gt; Mix of overburden and broken up part</td><td>t of below unit</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	silica>> Mix of overburden and broken up part	t of below unit									
< <struc: -="" 0="" 32.7:="" altered)="" beds,="" develope="" py="" replace<="" sometimes="" strongly="" td=""><td>ed bedding 70 deg. &gt;&gt; Alternating grey (likely ed.</td><td>sericite altered) and green (chlorite</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	ed bedding 70 deg. >> Alternating grey (likely ed.	sericite altered) and green (chlorite									
11.00 192.50 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	blueish green V-csh	11.00	12.50	1.50	S029651	0.309	0.94	162.5	51.3	469
chlorite alteration, and sections of car with striped green and blue beds from sections of polymictic lapillistone (see bedding from 35-44m. Mottled texture with sharp (sometimes square) edges	mediate coarse ash tuff with weak to moderate rbonate alteration. Felsic from 8-20m. Grey colon 118-143.35. Generally coarse-grained, with file 79-81m). Very coarse ash section from 107.4 as and mineralization where there is no beddings from 108-143.35m (see 119.2m). Pyrite/calcitubhedral pyrite on the inside, dark anhedral pyrite.	our to 44m, and blue to the end of unit, ne-grained sections and beds and 1-118.4, and very fine ash with no g. Possible chl-altered phenocrysts e replaced lapilli fragments up to 3cm									
	x, consisting of primarily dark fine-grained pyriton nd fracture coatings (generally subhedral to and zation.										
< <min: -="" 15="" 2.0-5.0%="" 25.74:="" 4%<="" clasts.="" mottled="" originally="" pyrite="" td="" textures.=""><td></td><td>bhedral pyrite between beds, possibly</td><td>12.50</td><td>14.00</td><td>1.50</td><td>S029652</td><td>0.6</td><td>1.07</td><td>216</td><td>48.1</td><td>277</td></min:>		bhedral pyrite between beds, possibly	12.50	14.00	1.50	S029652	0.6	1.07	216	48.1	277
< <min: -="" 2.0-5.0%="" 25.74="" 42.15:="" crystals.<="" pyri="" pyrite,="" small="" subhedral="" td="" very=""><td>te / 0.5-2.0% pyrite / 0.5-2.0% pyrite&gt;&gt; Mottle . 3% over interval.</td><td>ed pyrite and blebs of dark sooty</td><td>14.00</td><td>15.50</td><td>1.50</td><td>S029653</td><td>0.375</td><td>0.87</td><td>168</td><td>58.3</td><td>316</td></min:>	te / 0.5-2.0% pyrite / 0.5-2.0% pyrite>> Mottle . 3% over interval.	ed pyrite and blebs of dark sooty	14.00	15.50	1.50	S029653	0.375	0.87	168	58.3	316
< <min: -="" 0.5-2.0%="" 42.15="" 47.1:="" interval.<="" over="" pyrite="" td=""><td>e / 0.5-2.0% pyrite&gt;&gt; Disseminated subhedral</td><td>l pyrite and anhedral pyrite blebs. 3%</td><td>15.50</td><td>17.00</td><td>1.50</td><td>S029654</td><td>2.42</td><td>1.92</td><td>292</td><td>58.1</td><td>333</td></min:>	e / 0.5-2.0% pyrite>> Disseminated subhedral	l pyrite and anhedral pyrite blebs. 3%	15.50	17.00	1.50	S029654	2.42	1.92	292	58.1	333
	te / 0.5-2.0% pyrite / 0.5-2.0% pyrite / <0.5% py ming bands, as well as stringers and clast repla		17.00	18.50	1.50	S029655	0.168	0.81	101.5	44.3	165
	rite / 0.5-2.0% pyrite>> Clasts replaced with brite halos surrounding clasts. 6% over interval.	oright subhedral pyrite, dark anhedral	18.50	20.00	1.50	S029656	0.171	0.78	103.5	45.9	135
< <min: -="" 0.5-2.0%="" 179.5="" 181.4:="" interval.<="" over="" pyri="" td=""><td>te / 0.5-2.0% pyrite / 0.5-2.0% pyrite&gt;&gt; Py ba</td><td>nded, stringers, fracture coatings. 3%</td><td>20.00</td><td>21.50</td><td>1.50</td><td>S029657</td><td>0.167</td><td>0.75</td><td>62.7</td><td>62.4</td><td>285</td></min:>	te / 0.5-2.0% pyrite / 0.5-2.0% pyrite>> Py ba	nded, stringers, fracture coatings. 3%	20.00	21.50	1.50	S029657	0.167	0.75	62.7	62.4	285







Но	le:	В	R.	-1	2	1

From (m)		To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <min: 18<="" td=""><td>31.4</td><td>l - 182: 1</td><td>10.0-20.0% pyrite / 5.0-10.0% pyrite&gt;&gt; Pyrite bands and fractures, 15% over interval</td><td>21.50</td><td>22.20</td><td>0.70</td><td>S029658</td><td>0.483</td><td>0.91</td><td>113</td><td>73.3</td><td>182</td></min:>	31.4	l - 182: 1	10.0-20.0% pyrite / 5.0-10.0% pyrite>> Pyrite bands and fractures, 15% over interval	21.50	22.20	0.70	S029658	0.483	0.91	113	73.3	182
			0.5-2.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite >> Pyrite fracture coatings, disseminations, and clast replacement. 3% over interval.	22.20	23.78	1.58	S029659	0.438	1.03	99.6	52	157
			silica / weak sericite / trace chlorite>> Weak pervasive si, weak patchy ser, trace to weak on (all vary from bed to bed)	23.78	25.40	1.62	S029661	0.196	0.64	79.5	33.9	177
			k to moderate silica / weak sericite / trace chlorite>> Weak to moderate pervasive si, weak patchy vasive chl alteration (all vary from bed to bed)	25.40	26.00	0.60	S029662	0.803	1.17	98.9	44.1	235
			eak silica / weak sericite / weak chlorite>> Weak pervasive si, weak patchy ser, weak pervasive from bed to bed)	26.00	27.50	1.50	S029663	0.36	1.09	71.3	49.9	210
			eak silica / weak sericite / weak chlorite / weak carbonate>> Weak pervasive si, weak patchy ser, all vary from bed to bed), weak patchy carbonate matrix alteration	27.50	29.00	1.50	S029664	0.346	0.95	85.8	37.7	124
			veak silica / weak sericite / weak chlorite>> Weak pervasive si, weak patchy ser, weak pervasive from bed to bed)	29.00	30.50	1.50	S029665	0.277	0.82	82.2	50.7	256
			weak to moderate sericite / trace silica / weak chlorite>> Weak to moderate pervasive ser, trace ak pervasive chl alteration (all vary from bed to bed)	30.50	32.00	1.50	S029666	0.211	0.57	47	47	275
carbonate	>>	Weak	weak to moderate sericite / trace silica / weak to moderate chlorite / weak to moderate to moderate pervasive ser, trace to weak patchy si, weak pervasive chl alteration, weak to alteration in matrix (all vary from bed to bed)	32.00	33.50	1.50	S029667	0.259	0.62	88.2	33.2	241
	ser	r, weak p	moderate sericite / weak silica / weak chlorite / weak to moderate carbonate >> Moderate carbonate sericite / weak silica / weak chlorite / weak to moderate carbonate alteration in matrix (all vary	33.50	35.00	1.50	S029668	0.191	0.86	25.9	50.7	267
Moderate	per	rvasive s	noderate sericite / weak silica / weak to moderate chlorite / weak to moderate carbonate>> er, weak patchy si, weak to moderate pervasive chl alteration, weak to moderate carbonate Il vary from bed to bed). Particularly well defined alternating green and dark blue beds.	35.00	36.50	1.50	S029669	0.148	6.05	64.1	50.6	270
carbonate:	>> car	Moder	ak to moderate sericite / weak to moderate silica / weak to moderate chlorite / weak to moderate ate pervasive ser, weak to moderate patchy si, weak to moderate pervasive chl alteration, weak to alteration in matrix (all vary from bed to bed). Particularly well defined alternating green and dark	36.50	38.00	1.50	S029671	0.062	3.54	24.3	42.7	255
Moderate	per	rvasive s	moderate sericite / weak silica / weak to moderate chlorite / weak to moderate carbonate>> ser, weak to moderate patchy si, weak to moderate pervasive chl alteration, weak to moderate n matrix (all vary from bed to bed). Particularly well defined alternating green and dark blue beds.	38.00	39.50	1.50	S029672	0.216	6.25	69	52.6	514
pervasive	si,	weak pa	weak silica / weak sericite / weak to moderate chlorite / weak to moderate carbonate>> Weak to the ser, weak to moderate pervasive chl alteration, weak to moderate carbonate alteration in seed to bed). Particularly well defined alternating green and dark blue beds.	39.50	41.00	1.50	S029673	0.23	13.15	48.7	81.3	982







Ho	le:	F	3	R	 L2	1	ı
	. 🔾 :	_	_		_	т.	-

From (m)	To (m)	Rock Typ	e & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <alt: -="" 159.6="" 167:="" carbonate="" chlorite="" moderate="" sericite="" silica="" to="" weak="">&gt; Weak pervasive si, weak patchy ser, weak pervasive chl alteration, weak carbonate alteration in matrix (all vary from bed to bed). Particularly well defined alternating green and dark blue beds.</alt:>				41.00	42.50	1.50	S029674	0.528	18.6	21.7	158	1900	
ser, trace	patchy si, weak to n		chlorite / weak to moderate carbonate>> Mod tion, weak to moderate carbonate alteration in n and grey beds.		42.50	44.00	1.50	S029675	0.181	0.63	15	28.2	89
			ak chlorite / weak to moderate carbonate>> Cer, weak patchy si, weak carbonate alteration in		44.00	45.50	1.50	S029676	0.158	0.46	6.9	31.6	69
pervasive	ser, trace patchy si,		eak chlorite / weak to moderate carbonate>> on, weak to moderate carbonate alteration in manding grey beds.		45.50	47.00	1.50	S029677	0.148	0.38	13	30.6	95
moderate	pervasive ser (prefe	erentially in clasts), weak pat	ca / weak chlorite / weak to moderate carbonate chy si, weak pervasive chl alteration, weak to n imes square phenocrysts from 194.64-302m		47.00	48.50	1.50	S029678	0.297	0.42	50.4	25.7	142
< <vein: 1<="" td=""><td>5 - 42.93: &lt;1.0 quai</td><td>tz-calcite&gt;&gt; Undulatory th</td><td>n wispy qz-cal veins</td><td>-</td><td>48.50</td><td>50.00</td><td>1.50</td><td>S029679</td><td>0.206</td><td>0.37</td><td>99.6</td><td>27.6</td><td>142</td></vein:>	5 - 42.93: <1.0 quai	tz-calcite>> Undulatory th	n wispy qz-cal veins	-	48.50	50.00	1.50	S029679	0.206	0.37	99.6	27.6	142
			cal veins at generally 50 degrees in addition to calcite (see 87.6m). Little to no veining minera		50.00	51.50	1.50	S029681	0.132	0.53	83.5	19.8	146
			fibrous qz-cal veins at no consistent angle and d 102.8). Sparse planar qz-cal veins.	d little	51.50	53.00	1.50	S029682	0.226	0.46	102	19.3	154
< <vein: 1="" contacts<="" td=""><td>14.7 - 116.2: 1.0-5.0</td><td>0% quartz-calcite-chlorite&gt;&gt;</td><td>Planar qz-cal-chl veins with no mineralization</td><td>n and sharp</td><td>53.00</td><td>54.50</td><td>1.50</td><td>S029683</td><td>0.252</td><td>0.53</td><td>40.6</td><td>28</td><td>247</td></vein:>	14.7 - 116.2: 1.0-5.0	0% quartz-calcite-chlorite>>	Planar qz-cal-chl veins with no mineralization	n and sharp	53.00	54.50	1.50	S029683	0.252	0.53	40.6	28	247
			recciated fibrous qz-cal veins at no consistent a no-calcite. Sparse planar qz-cal veins.	angle (many at 0	54.50	56.00	1.50	S029684	0.091	0.39	44.9	29.4	165
< <struc: 3<="" td=""><td>2.7 - 35.85: weakly</td><td>developed fault zone&gt;&gt; V</td><td>Veakly developed fault zone</td><td></td><td>56.00</td><td>57.50</td><td>1.50</td><td>S029685</td><td>0.07</td><td>0.35</td><td>60.6</td><td>34.9</td><td>180</td></struc:>	2.7 - 35.85: weakly	developed fault zone>> V	Veakly developed fault zone		56.00	57.50	1.50	S029685	0.07	0.35	60.6	34.9	180
	5.85 - 50.26: strong tered) beds, someti		eg. >> Alternating grey (likely sericite altered)	and green	57.50	59.00	1.50	S029686	0.082	0.28	60	26.9	119
< <struc: 5<="" td=""><td>0.26 - 56.3: weakly</td><td>developed fault zone&gt;&gt; V</td><td>Veakly developed fault zone</td><td></td><td>59.00</td><td>60.50</td><td>1.50</td><td>S029687</td><td>0.391</td><td>0.56</td><td>121</td><td>42.6</td><td>168</td></struc:>	0.26 - 56.3: weakly	developed fault zone>> V	Veakly developed fault zone		59.00	60.50	1.50	S029687	0.391	0.56	121	42.6	168
	6.3 - 64.4: strongly tered) beds, someti		>> Alternating grey (likely sericite altered) ar	nd green	60.50	62.00	1.50	S029688	0.246	0.49	88.6	47.9	301
< <struc: 6<="" td=""><td>4.4 - 69: strongly d</td><td>eveloped fault zone&gt;&gt; Str</td><td>ongly developed fault zone</td><td>-</td><td>62.00</td><td>63.50</td><td>1.50</td><td>S029689</td><td>0.273</td><td>0.44</td><td>73.8</td><td>41.4</td><td>231</td></struc:>	4.4 - 69: strongly d	eveloped fault zone>> Str	ongly developed fault zone	-	62.00	63.50	1.50	S029689	0.273	0.44	73.8	41.4	231
	9 - 77.4: strongly d		> Alternating grey (likely sericite altered) and	green (chlorite	63.50	65.00	1.50	S029691	0.266	0.72	71.9	60.9	323
< <struc: 7<="" td=""><td>7.4 - 79.4: modera</td><td>tely developed fault zone&gt;&gt;</td><td>Moderately developed fault zone</td><td>_</td><td>65.00</td><td>66.50</td><td>1.50</td><td>S029692</td><td>0.529</td><td>0.67</td><td>158</td><td>27.6</td><td>171</td></struc:>	7.4 - 79.4: modera	tely developed fault zone>>	Moderately developed fault zone	_	65.00	66.50	1.50	S029692	0.529	0.67	158	27.6	171



Ho	e:	В	R-	12	1
					-

From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<>Struc: 79.4 - 84.5: strongly developed bedding>> Alternating grey (likely sericite altered) and green (chlorite altered) beds, sometimes py replaced.	66.50	68.00	1.50	S029693	0.436	0.96	106.5	29	177
< <struc: -="" 84.5="" 84.6:="" developed="" fault="" strongly="" zone="">&gt; Fault gouge</struc:>	68.00	69.50	1.50	S029694	0.325	0.47	94.7	35.2	152
< <struc: -="" 84.6="" 90.7:="" bedding="" developed="" strongly="">&gt; Alternating grey (likely sericite altered) and green (chlorite altered) beds, sometimes py replaced.</struc:>	69.50	71.00	1.50	S029695	0.423	1.11	163	49.6	234
< <struc: -="" 90.7="" 93.56:="" developed="" fault="" strongly="" zone="">&gt; Fault gouge</struc:>	71.00	72.50	1.50	S029696	0.094	0.84	93.2	23.9	212
< <struc: -="" 153:="" 70="" 93.56="" bedding="" deg.="" developed="" strongly="">&gt; Alternating grey (likely sericite altered) and green (chlorite altered) beds, sometimes py replaced.</struc:>	72.50	74.00	1.50	S029697	0.197	0.72	81.4	30.5	154
< <struc: -="" 153="" 165.7:="" developed="" fault="" moderately="" zone="">&gt; Moderate fault zone</struc:>	74.00	75.50	1.50	S029698	0.537	1.18	139.5	32.9	167
< <struc: -="" 165.7="" 167.12:="" 70="" bedding="" deg.="" developed="" strongly="">&gt; Alternating grey (likely sericite altered) and green (chlorite altered) beds, sometimes py replaced.</struc:>	75.50	77.00	1.50	S029699	0.522	0.94	98.2	40.9	172
< <struc: -="" 167.12="" 167.3:="" developed="" fault="" strongly="" zone="">&gt; Fault gouge</struc:>	77.00	78.50	1.50	S029701	0.267	0.54	30	41	177
< <struc: -="" 167.3="" 169.85:="" 70="" bedding="" deg.="" developed="" strongly="">&gt; Alternating grey (likely sericite altered) and green (chlorite altered) beds, sometimes py replaced.</struc:>	78.50	80.00	1.50	S029702	0.283	0.59	31	52.2	186
< <struc: -="" 169.85="" 171.3:="" developed="" fault="" weakly="" zone="">&gt; Weakly developed fault zone</struc:>	80.00	81.50	1.50	S029703	0.423	0.57	63.1	42.7	173
< <struc: -="" 171.3="" 174:="" bedding="" developed="" strongly="">&gt; Alternating grey (likely sericite altered) and green (chlorite altered) beds, sometimes py replaced.</struc:>	81.50	83.00	1.50	S029704	0.315	0.85	134.5	27.2	136
< <struc: -="" 179.5="" 182.46:="" 80="" bedding="" deg.="" developed="" moderately="">&gt; Alternating grey (likely sericite altered) and green (chlorite altered) beds, sometimes py replaced.</struc:>	83.00	84.50	1.50	S029705	0.336	0.99	134	29.6	130
< <struc: -="" 182.46="" 192.82:="" developed="" fault="" weakly="" zone="">&gt; Weakly developed fault zone</struc:>	84.50	86.00	1.50	S029706	0.29	0.9	91.2	38.9	130
	86.00	87.50	1.50	S029707	0.185	0.65	74.9	39.4	101
	87.50	89.00	1.50	S029708	0.206	0.76	71.4	42.3	147
	89.00	90.50	1.50	S029709	0.093	0.71	116.5	31.6	187
	90.50	92.00	1.50	S029711	0.122	1.11	212	29.9	160
	92.00	93.50	1.50	S029712	0.19	1.35	209	38.7	337
	93.50	95.00	1.50	S029713	0.335	1.22	230	14.5	118
	95.00	96.50	1.50	S029714	0.341	1.39	224	21.4	119
	96.50	98.00	1.50	S029715	0.428	0.98	122.5	19.9	108
	98.00	99.50	1.50	S029716	0.088	1.26	23.6	24.9	131
	99.50	101.00	1.50	S029717	0.251	1.22	65.3	32.1	94
	101.00	102.50	1.50	S029718	0.292	1.29	142	28	106





Hole: BR-121

From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Z

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
102.50	104.00	1.50	S029719	0.33	1.15	64.6	29.7	103
104.00	105.50	1.50	S029721	0.3	1.36	215	22.1	98
105.50	107.00	1.50	S029722	0.227	0.77	86.3	16.8	111
107.00	108.50	1.50	S029723	0.257	1.04	168	26.7	130
108.50	110.00	1.50	S029724	0.227	0.83	115.5	22.5	112
110.00	111.50	1.50	S029725	0.238	1.49	134	104	308
111.50	113.00	1.50	S029726	0.098	1.01	127.5	155	486
113.00	114.50	1.50	S029727	0.093	0.49	29.7	99.9	323
114.50	116.00	1.50	S029728	0.17	0.77	86.4	84.9	392
116.00	117.50	1.50	S029729	0.105	0.75	64.2	95.2	284
117.50	119.00	1.50	S029731	0.093	1.02	87.1	86.4	198
119.00	120.50	1.50	S029732	0.1	1.03	124	38.8	107
120.50	122.00	1.50	S029733	0.134	0.76	28.6	56.3	127
122.00	123.00	1.00	S029734	0.123	0.88	46.3	515	788
123.00	123.50	0.50	S029735	0.387	1.71	19.7	325	229
123.50	125.00	1.50	S029736	0.11	2.11	146.5	178.5	372
125.00	126.50	1.50	S029737	0.092	0.58	84.7	35.3	205
126.50	128.00	1.50	S029738	0.082	0.43	56.3	27.7	113
128.00	129.50	1.50	S029739	0.122	0.49	36.6	26.2	116
129.50	131.00	1.50	S029741	0.225	0.77	124.5	32.8	139
131.00	132.50	1.50	S029742	0.254	0.78	76.3	18.6	88
132.50	134.00	1.50	S029743	0.285	0.85	100	38.6	78
134.00	135.50	1.50	S029744	0.114	1.3	306	26.9	84
135.50	137.00	1.50	S029745	0.142	1.64	152	43.4	78
137.00	138.50	1.50	S029746	0.212	0.71	80.9	26.6	68
138.50	140.00	1.50	S029747	0.161	0.43	72.1	11.8	70
140.00	141.50	1.50	S029748	0.255	0.84	205	16.8	81
141.50	143.00	1.50	S029749	0.224	0.86	221	26.6	82
143.00	144.50	1.50	S029751	0.172	0.7	156	17.1	62





From (m)	To (m)	Rock Type & Description	From (m)	To (m) I	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		_	144.50	146.00	1.50	S029752	0.167	0.86	167.5	20	92
		_	146.00	147.50	1.50	S029753	0.195	1.16	199.5	28.6	105
			147.50	149.00	1.50	S029754	0.141	1.24	194	28.2	98
			149.00	150.50	1.50	S029755	0.153	1.34	206	18.2	88
			150.50	152.00	1.50	S029756	0.12	1.15	151	25.2	76
		_	152.00	153.50	1.50	S029757	0.135	1.57	191.5	23.2	95
		_	153.50	155.00	1.50	S029758	0.21	1.47	203	33.4	109
		_	155.00	156.50	1.50	S029759	0.219	1.38	171	53.8	225
			156.50	158.00	1.50	S029761	0.253	0.79	179.5	20.4	96
			158.00	159.50	1.50	S029762	0.15	0.73	120	19.4	88
			159.50	161.00	1.50	S029763	0.207	0.88	207	28.8	87
		_	161.00	162.50	1.50	S029764	0.131	0.69	123	26.8	150
			162.50	164.00	1.50	S029765	0.148	0.96	190	24.8	99
			164.00	165.50	1.50	S029766	0.206	1.33	344	30.1	128
			165.50	167.00	1.50	S029767	0.117	0.72	93.8	37.8	100
			167.00	168.50	1.50	S029768	0.073	0.77	97.5	22.7	72
			168.50	170.00	1.50	S029769	0.117	0.89	163	14.7	115
		_	170.00	171.50	1.50	S029771	0.156	1.01	226	18.2	122
		_	171.50	173.00	1.50	S029772	0.159	0.74	153	25.4	168
		_	173.00	174.50	1.50	S029773	0.224	1.1	171	34.8	125
		_	174.50	176.00	1.50	S029774	0.214	0.72	128.5	16.1	80
		_	176.00	177.50	1.50	S029775	0.225	0.78	146	16.1	77
		_	177.50	179.00	1.50	S029776	0.178	0.75	109.5	23.7	92
		_	179.00	180.50	1.50	S029777	0.183	1.12	146	21.3	146
		_	180.50	181.18	0.68	S029778	0.241	1.28	141	17.9	240
		_	181.18	182.00	0.82	S029779	0.364	3.08	267	35.4	195
		_	182.00	183.50	1.50	S029781	0.148	10.65	286	21.5	138
		_	183.50	185.00	1.50	S029782	0.125	4.32	135	14.7	214
		_	185.00	186.50	1.50	S029783	0.133	1.3	103.5	13.2	163





Hole: BR-1	21										
From (m) To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			186.50	188.00	1.50	S029784	0.119	0.58	98.1	18.5	185
			188.00	189.50	1.50	S029785	0.143	0.61	98.9	9.6	172
		_	189.50	191.00	1.50	S029786	0.17	0.61	112	9.8	193
		_	191.00	192.50	1.50	S029787	0.208	0.65	106.5	13.8	146
192.50 421.50 V8	Mafic volcanic rocks (basaltic- andesite, basalt; silica content 45-57%)	V-lp	192.50	194.00	1.50	S029788	0.366	0.46	69.3	13.4	104
wide, preferentially chlorite, sericite, square chl-altered crystals (see phot Clasts are often either replaced with overall pyrite mineralization (mix of sup to 18%. Grey sections have a hig sericite alteration. Pyrite filled racture Brecciated/disarticulated veins contains.	rite altered mafic lapilli tuff with sub-rounded to rounded polymand/or pyrite altered with pervasive sericite and silica alteration tos) and some contain even smaller 1-4mm lapilli (calcite, pyrit py or have py/chl halos. Coarse ash matrix, with mottled or be subhedral and anhedral in fractures, clasts, and matrix dissem ther percentage of dark anhedral pyrite, and greenish sections are near the bottom of the hole sometimes have sericite halos. As aining mangano-calcite and planar qz-cal veins occasionally we see ash with sparse clasts. Patchy carbonaceous matrix, particular areas with glassy texture.	on. Some clasts have te, or chlorite replaced). edded textures and 4% inations) with sections have higher levels of with pyrite bands and									
	oyrite / 2.0-5.0% pyrite / 2.0-5.0% pyrite>> Clasts with dark pand fracture coatings. 18% over interval.	henocrysts and	194.00	195.50	1.50	S029789	0.421	0.54	53.1	16.8	100
	/ 0.5-2.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite>> Anhed s, disseminations, and bands. Dark pyrite halos around clasts.		195.50	197.00	1.50	S029791	0.26	0.74	53	39.3	110
< <min: -="" 2.0-5.0%="" 233="" 255.9:="" alterat<="" associated="" grey="" pyrite="" sericite="" td="" with=""><th>e / 2.0-5.0% pyrite&gt;&gt; Pyrite fracture coatings and mottled py tion. 8% over interval.</th><td>rite, anhedral and sooty.</td><td>197.00</td><td>198.50</td><td>1.50</td><td>S029792</td><td>0.273</td><td>1.59</td><td>111.5</td><td>113.5</td><td>238</td></min:>	e / 2.0-5.0% pyrite>> Pyrite fracture coatings and mottled py tion. 8% over interval.	rite, anhedral and sooty.	197.00	198.50	1.50	S029792	0.273	1.59	111.5	113.5	238
	e / 2.0-5.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite>> Clas ite halos on the outside. Mottled pyrite, bands, and fracture co		198.50	200.00	1.50	S029793	0.352	1.18	120.5	65.2	228
	rite / 2.0-5.0% pyrite>> Mottled pyrite textures where rock is t subhedral pyrite, dark anhedral pyrite halos on the outside. 1		200.00	201.50	1.50	S029794	0.374	1.8	145.5	37.9	118
	yrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite>> Cral pyrite halos on the outside. Mottled pyrite, bands, and fract		201.50	203.00	1.50	S029795	0.207	0.92	94.1	21.1	125
	rite / traces chalcopyrite>> Vein banded pyrite where rock is at 325m (see photos). 10% over interval.	s grey and sericite	203.00	204.50	1.50	S029796	0.484	1.69	110.5	20.4	103





**DD 121** 

<<Alt: 301.5 - 323.62: moderate sericite / weak to moderate silica / weak chlorite / weak to moderate carbonate>>

<<Alt: 323.62 - 339.5: moderate sericite / weak to moderate silica / trace chlorite / weak to moderate carbonate>>

Pervasive weak to moderate ser (preferentially in clasts), weak patchy si, weak pervasive chl, weak to moderate patchy

Pervasive weak to moderate ser (preferentially in clasts), weak patchy si, trace pervasive chl, weak to moderate patchy

Hala

#### **GeoSpark: Drill Hole Report**

Hole		BR-121									
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
(between d	clasts) and Il clasts re	0-10.0% pyrite / 2.0-5.0% pyrite / 2.0-5.0% pyrite / 2.0-5.0% pyrite>> Pyrite matrix-replacement clast-replacement (the former stronger at the start of interval until 380m, the latter stronger at the placed by pyrite inside larger clasts at the end of interval. Undulatory vein selvages and fracture terval.	204.50	206.00	1.50	S029797	0.169	2.05	142.5	87.7	194
		5.0-10.0% pyrite / 2.0-5.0% pyrite>> Fractures filled with bright subhedral pyrite and anhedral tos, stronger in grey sericite-altered areas) in addition to clast-replaced pyrite from previous interval.	206.00	207.50	1.50	S029798	0.014	0.81	122	47	89
consistant	throughou	4: 2.0-5.0% pyrite / 2.0-5.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite>> Weak to moderate py it interval- gradually becoming weaker downhole. Py appears disseminated, stringers, blebs in veins, fg dark grey py halo's around clasts (3%).	207.50	209.00	1.50	S029799	0.009	0.6	122.5	49.7	83
Weak to m	oderate p	ak to moderate sericite / weak silica / weak to moderate chlorite / weak to moderate carbonate>> ervasive ser (preferentially in clasts), weak patchy si, weak to moderate pervasive chl alteration, irbonate alteration in matrix.	209.00	210.50	1.50	S029801	0.008	0.53	102.5	47.6	84
moderate	pervasive	ak to moderate sericite / weak silica / trace chlorite / weak to moderate carbonate>> Weak to ser (turning the host rock grey), weak patchy si, weak to moderate pervasive chl alteration, weak to alteration in matrix.	210.50	212.00	1.50	S029802	0.007	0.36	89.7	48.4	74
moderately	y silicified	weak to moderate silica / trace chlorite / trace sericite / weak to moderate carbonate>> Weak to rock, grey colour likely due to sericite. Trace patchy chlorite alteration and weak to moderate in matrix. Sharp contact between grey and blue chl-altered rock at 255.9m.	212.00	213.50	1.50	S029803	0.009	0.45	117	51.4	87
	moderate	: weak to moderate sericite / weak silica / weak chlorite / weak to moderate carbonate>> ser (preferentially in clasts), weak patchy si, weak pervasive chl, weak to moderate patchy	213.50	214.50	1.00	S029804	0.006	0.32	108.5	41.2	89
	moderate	noderate sericite / weak to moderate silica / trace chlorite / weak to moderate carbonate>> ser (preferentially in clasts), weak to moderate pervasive si, trace patchy chl, weak to moderate eration.	214.50	216.00	1.50	S029805	0.005	0.24	77.1	46.7	87
	weak to m	noderate sericite / weak to moderate silica / trace chlorite / weak to moderate carbonate>> oderate ser (preferentially in clasts), weak patchy si, trace pervasive chl, weak to moderate patchy	216.00	217.50	1.50	S029806	0.007	0.24	71.9	46.3	81

217.50

219.00

219.00

220.00

1.50

1.00

S029807

S029808

0.005

0.006

0.28

0.27

79.4

90.7

52.8

71

72



carbonate alteration.

carbonate alteration. Grey mottled textures due to sericite.





	From (m)	To (m)	Rock Type & Description	on	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm			
Carbonates   Pervasive weak to moderate ser (preferentially in clasts), weak patchy si, weak pervasive of in weak to moderate sericite / weak to moderate sericite hallo	carbonate moderate <sub>l</sub> hematite a	<ul> <li>Pervasive weak to patchy carbonate alter</li> </ul>	o moderate ser (preferentially in clasts ation (sometimes in matrix, more ofte	s), weak patchy si, trace pervasive chl, weak to n in clasts), weak epidote alteration in clasts. Both	220.00	220.73	0.73	S029809	0.008	0.24	104.5	52.6	66			
trace epidote> Weak to moderate ser-sil-chl pervasive throughout (including clasts). Weak carb alteration (stronger in clasts/veinlets), trace epidote alteration in clasts. <i> &lt; Ve/pin: 233 - 255.9 · 5.0-10.0% quartz-calcitet-pyrite&gt; Wispy brecciated qz-cal and pyr-filled vein swarms</i>	carbonate>	> Pervasive weak to	o moderate ser (preferentially in clasts	s), weak patchy si, weak pervasive chl, weak to	220.73	221.23	0.50	S029811	0.012	0.34	111	30.2	66			
< <td>&lt;<td>&lt;<td>23.50         266: &lt;1.0 quartz-calcite&gt;&gt; Low-angle disarticulated fibrous qz-cal veins at no consistent angle and little mineralization, some containing sericite. Sparse planar qz-cal veins.         225.00         1.50         \$029814         0.005         0.21         75.4         47.3         74            225.00         225.00         1.50         \$029815         0.005         0.18         69.2         54.5         76           disarticulated low-angle wispy qz-cal veins. No consistent angle. 6cm qz-cal-ser-chl vein at 278.15m.         225.00         226.50         1.50         \$029815         0.005         0.18         69.2         54.5         76</td><td>trace epido</td><td>te&gt;&gt; Weak to mode</td><td>rate ser-sil-chl pervasive throughout (</td><td></td><td></td><td>222.00</td><td>0.77</td><td>S029812</td><td>0.012</td><td>0.21</td><td>101</td><td>35.5</td><td>74</td></td></td>	< <td>&lt;<td>23.50         266: &lt;1.0 quartz-calcite&gt;&gt; Low-angle disarticulated fibrous qz-cal veins at no consistent angle and little mineralization, some containing sericite. Sparse planar qz-cal veins.         225.00         1.50         \$029814         0.005         0.21         75.4         47.3         74            225.00         225.00         1.50         \$029815         0.005         0.18         69.2         54.5         76           disarticulated low-angle wispy qz-cal veins. No consistent angle. 6cm qz-cal-ser-chl vein at 278.15m.         225.00         226.50         1.50         \$029815         0.005         0.18         69.2         54.5         76</td><td>trace epido</td><td>te&gt;&gt; Weak to mode</td><td>rate ser-sil-chl pervasive throughout (</td><td></td><td></td><td>222.00</td><td>0.77</td><td>S029812</td><td>0.012</td><td>0.21</td><td>101</td><td>35.5</td><td>74</td></td>	< <td>23.50         266: &lt;1.0 quartz-calcite&gt;&gt; Low-angle disarticulated fibrous qz-cal veins at no consistent angle and little mineralization, some containing sericite. Sparse planar qz-cal veins.         225.00         1.50         \$029814         0.005         0.21         75.4         47.3         74            225.00         225.00         1.50         \$029815         0.005         0.18         69.2         54.5         76           disarticulated low-angle wispy qz-cal veins. No consistent angle. 6cm qz-cal-ser-chl vein at 278.15m.         225.00         226.50         1.50         \$029815         0.005         0.18         69.2         54.5         76</td> <td>trace epido</td> <td>te&gt;&gt; Weak to mode</td> <td>rate ser-sil-chl pervasive throughout (</td> <td></td> <td></td> <td>222.00</td> <td>0.77</td> <td>S029812</td> <td>0.012</td> <td>0.21</td> <td>101</td> <td>35.5</td> <td>74</td>	23.50         266: <1.0 quartz-calcite>> Low-angle disarticulated fibrous qz-cal veins at no consistent angle and little mineralization, some containing sericite. Sparse planar qz-cal veins.         225.00         1.50         \$029814         0.005         0.21         75.4         47.3         74            225.00         225.00         1.50         \$029815         0.005         0.18         69.2         54.5         76           disarticulated low-angle wispy qz-cal veins. No consistent angle. 6cm qz-cal-ser-chl vein at 278.15m.         225.00         226.50         1.50         \$029815         0.005         0.18         69.2         54.5         76	trace epido	te>> Weak to mode	rate ser-sil-chl pervasive throughout (			222.00	0.77	S029812	0.012	0.21	101	35.5	74
Section   Sect	< <vein: 23<="" td=""><td>3 - 255.9: 5.0-10.0%</td><td>quartz-calcite-pyrite&gt;&gt; Wispy brecc</td><td>ated qz-cal and py-filled vein swarms</td><td>222.00</td><td>223.50</td><td>1.50</td><td>S029813</td><td>0.057</td><td>0.19</td><td>80.1</td><td>51.6</td><td>76</td></vein:>	3 - 255.9: 5.0-10.0%	quartz-calcite-pyrite>> Wispy brecc	ated qz-cal and py-filled vein swarms	222.00	223.50	1.50	S029813	0.057	0.19	80.1	51.6	76			
disarticulated low-angle wispy qz-cal veins. No consistent angle. 6cm qz-cal-ser-chl vein at 278.15m.  <<\p> <vein: -="" 1.0-5.0%="" 294.1="" 324.84:="" quartz-calcite="">&gt; Disarticulated wispy undulatory veins and sporadic swarms of qz-cal veins, some with grey sericite halos and/or pyrite selvages. Some are very low angle. Vein with very dark pyrite and higher XRF gold values measuring 65 degrees at 316.6m. &lt;\timest{Vein: 324.84 - 335: 25.0-50.0% quartz-calcite&gt;&gt; Disarticulated wispy undulatory veins and sporadic swarms of qz-cal veins, some with mangano-calcite, grey sericite halos, and/or pyrite selvages. No consistent angle. &lt;\timest{Vein: 325 - 405.3: 1.0-5.0% quartz-calcite-pyrite&gt;&gt; Disarticulated wispy undulatory qz-cal veins, some with mangano-calcite, grey sericite halos, and/or pyrite selvages. No consistent angle. Cross-cutting planar qz-cal (sometimes with clorite and pyrite) veins, some completely replaced with pyrite. &lt;\text{Vein: 405.3 - 420.67: 1.0-5.0% quartz-calcite-pyrite&gt;&gt; Disarticulated wispy undulatory veins from 1-40mm wide and 15cm wide sporadic swarms of qz-cal veins and qz-ankerite veins, most with grey sericite halos and/or pyrite selvages. Some are very low angle and/or completely replaced by bright subhedral pyrite with a dark anhedral pyrite halo (wherever there are sericite halos). Cross-cutting planar qz-cal-chl and mangano-calcite veins at no consistent angle. &lt;&lt;\text{Vein: 420.67 - 429: 4.0 quartz-calcite-pyrite&gt;&gt; Weak amounts of qz-cal (trace mang-cal patches) and qz-cal-py veins/veinlets hosting trace amounts of anhedral py rimming the outer edges of the veins. &lt;&lt;\text{Vein: 29.713 - 245.5: moderately developed fault zone&gt;&gt; Moderately developed fault zone with gouge at 239.27-239.6 Moderately developed fault zone&gt;&gt; Moderately developed fault zone with gouge at 239.27-239.6</vein:>					223.50	225.00	1.50	S029814	0.005	0.21	75.4	47.3	74			
cal veins, some with grey sericite halos and/or pyrite selvages. Some are very low angle. Vein with very dark pyrite and higher XRF gold values measuring 65 degrees at 316.6m. <vein: -="" 25.0-50.0%="" 324.84="" 335:="" quartz-calcite=""> Disarticulated wispy undulatory veins and sporadic swarms of qz-cal veins, some with mangano-calcite, grey sericite halos, and/or pyrite selvages. No consistent angle.    <vein: -="" 1.0-5.0%="" 335="" 405.3:="" quartz-calcite-pyrite=""> Disarticulated wispy undulatory qz-cal veins, some with mangano-calcite, grey sericite halos, and/or pyrite selvages. No consistent angle.    <vein: -="" 1.0-5.0%="" 335="" 405.3:="" quartz-calcite-pyrite=""> Disarticulated wispy undulatory qz-cal veins, some with mangano-calcite, grey sericite halos, and/or pyrite selvages. No consistent angle. Cross-cutting planar qz-cal (sometimes with chlorite and pyrite) veins, some completely replaced with pyrite.    <vein: -="" 1.0-5.0%="" 405.3="" 420.67:="" quartz-calcite-pyrite=""> Disarticulated wispy undulatory veins from 1-40mm wide and 15cm wide sporadic swarms of qz-cal veins and qz-ankerite veins, most with grey sericite halos and/or pyrite selvages. Some are very low angle and/or completely replaced by bright subhedral pyrite with a dark anhedral pyrite halos and/or pyrite selvages.    <a href="#"> <a href<="" td=""><td></td><td></td><td></td><td></td><td>225.00</td><td>226.50</td><td>1.50</td><td>S029815</td><td>0.005</td><td>0.18</td><td>69.2</td><td>54.5</td><td>76</td></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></vein:></vein:></vein:></vein:>					225.00	226.50	1.50	S029815	0.005	0.18	69.2	54.5	76			
cal veins, some with mangano-calcite, grey sericite halos, and/or pyrite selvages. No consistent angle. <vein: -="" 1.0-5.0%="" 335="" 405.3:="" quartz-calcite-pyrite="">&gt; Disarticulated wispy undulatory qz-cal veins, some with mangano-calcite, grey sericite halos, and/or pyrite selvages. No consistent angle. Cross-cutting planar qz-cal (sometimes with chlorite and pyrite) veins, some completely replaced with pyrite. <vein: -="" 1.0-5.0%="" 405.3="" 420.67:="" quartz-calcite-pyrite="">&gt; Disarticulated wispy undulatory veins from 1-40mm wide and 15cm wide sporadic swarms of qz-cal veins and qz-ankerite veins, most with grey sericite halos and/or pyrite selvages. Some are very low angle and/or completely replaced by bright subhedral pyrite with a dark anhedral pyrite halo (wherever there are sericite halos). Cross-cutting planar qz-cal-chl and mangano-calcite veins at no consistent angle. <vein: -="" 420.67="" 429:="" <1.0="" quartz-calcite-pyrite="">&gt; Weak amounts of qz-cal (trace mang-cal patches) and qz-cal-py veins/veinlets hosting trace amounts of anhedral py rimming the outer edges of the veins. &lt;<struc: -="" 192.82="" 197.6:="" 80="" bedding="" deg.="" developed="" strongly="">&gt; Alternating grey (likely sericite altered) and green <struc: -="" 237.13="" 245.5:="" developed="" fault="" moderately="" zone=""> Moderately developed fault zone with gouge at 239.27- 234.00 235.00 235.00 235.00 236.00 236.00 236.00 236.00 237.00 236.00 237.00 237.00 238.00 238.00 236.00 236.00 237.00<!--</td--><td>cal veins,</td><td>ome with grey sericite</td><td>halos and/or pyrite selvages. Some</td><td></td><td>226.50</td><td>228.00</td><td>1.50</td><td>S029816</td><td>0.006</td><td>0.19</td><td>65.8</td><td>57.1</td><td>70</td></struc:></struc:></vein:></vein:></vein:>	cal veins,	ome with grey sericite	halos and/or pyrite selvages. Some		226.50	228.00	1.50	S029816	0.006	0.19	65.8	57.1	70			
mangano-calcite, grey sericite halos, and/or pyrite selvages. No consistent angle. Cross-cutting planar qz-cal (sometimes with chlorite and pyrite) veins, some completely replaced with pyrite.   <- Vein: 405.3 - 420.67: 1.0-5.0% quartz-calcite-pyrite>> Disarticulated wispy undulatory veins from 1-40mm wide and 15cm wide sporadic swarms of qz-cal veins and qz-ankerite veins, most with grey sericite halos and/or pyrite selvages. Some are very low angle and/or completely replaced by bright subhedral pyrite with a dark anhedral pyrite halo (wherever there are sericite halos). Cross-cutting planar qz-cal-chl and mangano-calcite veins at no consistent angle.  <- Vein: 420.67 - 429: <1.0 quartz-calcite-pyrite>> Weak amounts of qz-cal (trace mang-cal patches) and qz-cal-py veins/veinlets hosting trace amounts of anhedral pyr imming the outer edges of the veins.  Vein: 420.67 - 429: <1.0 quartz-calcite-pyrite>> Weak amounts of qz-cal (trace mang-cal patches) and qz-cal-py veins/veinlets hosting trace amounts of anhedral pyr imming the outer edges of the veins.  Vein: 192.82 - 197.6: strongly developed bedding 80 deg. >> Alternating grey (likely sericite altered) and green  Vein: 192.82 - 197.6: strongly developed fault zone> Moderately developed fault zone with gouge at 239.27-  Vein: 237.13 - 245.5: moderately developed fault zone> Moderately developed fault zone with gouge at 239.27-  Vein: 420.67 - 429: <1.0 quartz-calcite-pyrite>> Weak amounts of qz-cal (trace mang-cal patches) and qz-cal-py  Vein: 420.67 - 429: <1.0 quartz-calcite-pyrite>> Weak amounts of qz-cal (trace mang-cal patches) and qz-cal-py  Vein: 420.67 - 429: <1.0 quartz-calcite-pyrite>> Weak amounts of qz-cal (trace mang-cal patches) and qz-cal-py  Vein: 420.67 - 429: <1.0 quartz-calcite-pyrite>> Weak amounts of qz-cal (trace mang-cal patches) and qz-cal-py  Vein: 420.67 - 429: <1.0 quartz-calcite-pyrite>> Weak amounts of qz-cal (trace mang-cal patches) and qz-cal-py  Vein: 420.67 - 429: <1.0 quartz-calcite-pyrite>> Wea					228.00	229.50	1.50	S029817	0.008	0.24	52.3	74.1	59			
15cm wide sporadic swarms of qz-cal veins and qz-ankerite veins, most with grey sericite halos and/or pyrite selvages. Some are very low angle and/or completely replaced by bright subhedral pyrite with a dark anhedral pyrite halo (wherever there are sericite halos). Cross-cutting planar qz-cal-chl and mangano-calcite veins at no consistent angle.  <-Vein: 420.67 - 429: <1.0 quartz-calcite-pyrite>> Weak amounts of qz-cal (trace mang-cal patches) and qz-cal-py veins/veinlets hosting trace amounts of anhedral py rimming the outer edges of the veins.	mangano-	alcite, grey sericite ha	alos, and/or pyrite selvages. No consi			231.00	1.50	S029818	0.006	0.29	112	51.6	53			
veins/veinlets hosting trace amounts of anhedral py rimming the outer edges of the veins. <struc: -="" 192.82="" 197.6:="" 80="" bedding="" deg.="" developed="" strongly="">&gt; Alternating grey (likely sericite altered) and green (chlorite altered) beds, sometimes py replaced.  <struc: -="" 237.13="" 245.5:="" developed="" fault="" moderately="" zone="">&gt; Moderately developed fault zone with gouge at 239.27- 239.6  232.50 234.00 1.50 S029822 0.043 0.37 62 38.1 54 234.00 235.50 1.50 S029823 0.2 0.6 75.4 32 55</struc:></struc:>	15cm wide Some are	sporadic swarms of q very low angle and/or	z-cal veins and qz-ankerite veins, mo completely replaced by bright subhed	st with grey sericite halos and/or pyrite selvages. ral pyrite with a dark anhedral pyrite halo	231.00	231.68	0.68	S029819	0.007	0.41	80.4	70.6	63			
(chlorite altered) beds, sometimes py replaced.  <-Struc: 237.13 - 245.5: moderately developed fault zone>> Moderately developed fault zone with gouge at 239.27- 239.6  234.00 235.50 1.50 S029823 0.2 0.6 75.4 32 55					231.68	232.50	0.82	S029821	0.012	0.37	115.5	41.8	57			
239.6				ernating grey (likely sericite altered) and green	232.50	234.00	1.50	S029822	0.043	0.37	62	38.1	54			
225 50 227 50 4 50 50 50 50 50 50 50 50 50 50 50 50 50	< <struc: 2<br="">239.6</struc:>	37.13 - 245.5: modera	ately developed fault zone>> Moder	ately developed fault zone with gouge at 239.27-	234.00	235.50	1.50	S029823	0.2	0.6	75.4	32	55			
<struc: -="" 288.5="" 294:="" 50="" bedding="" deg.="" developed="" moderately="">&gt; 10-15cm wide coarse ash beds 235.50 237.00 1.50 S029824 0.119 0.24 62.6 34.2 57</struc:>	< <struc: 2<="" td=""><td>38.5 - 294: moderatel</td><td>y developed bedding 50 deg. &gt;&gt; 10</td><td>-15cm wide coarse ash beds</td><td>235.50</td><td>237.00</td><td>1.50</td><td>S029824</td><td>0.119</td><td>0.24</td><td>62.6</td><td>34.2</td><td>57</td></struc:>	38.5 - 294: moderatel	y developed bedding 50 deg. >> 10	-15cm wide coarse ash beds	235.50	237.00	1.50	S029824	0.119	0.24	62.6	34.2	57			





Hole:	BR-121
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From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <struc: -="" 311.5="" 314.92:="" 60="" bedding="" deg.="" developed="" moderately="">&gt; 10-15cm wide coarse ash beds with differences in chlorite alteration and matrix grain size</struc:>	237.00	238.50	1.50	S029825	0.002	0.27	63	53.1	74
< <struc: -="" 314.92="" 316.4:="" developed="" fault="" weakly="" zone="">&gt; Weakly developed fault zone</struc:>	238.50	240.00	1.50	S029826	0.177	1.59	74.6	443	1160
< <struc: -="" 327.7="" 328.36:="" developed="" fault="" moderately="" zone="">&gt; Moderately developed fault zone</struc:>	240.00	241.50	1.50	S029827	0.024	0.79	44.5	217	406
< <struc: -="" 329.75="" 333:="" developed="" fault="" moderately="" zone="">&gt; Moderately developed fault zone with gouge at 330.6</struc:>	241.50	243.00	1.50	S029828	0.032	0.58	50.5	62.3	87
< <struc: -="" 346="" 355.76:="" 60="" bedding="" deg.="" developed="" moderately="">&gt; 10-15cm wide coarse ash beds with differences in chlorite alteration and matrix grain size</struc:>	243.00	244.50	1.50	S029829	0.008	0.51	91.9	27.2	53
< <struc: -="" 378.8="" 379.4:="" developed="" fault="" moderately="" zone="">&gt; Weak to moderately developed fault zone</struc:>	244.50	246.00	1.50	S029831	0.042	0.28	83.4	39	51
	246.00	247.50	1.50	S029832	0.071	0.35	78.2	45	46
	247.50	249.00	1.50	S029833	0.009	0.45	124.5	37.4	60
	249.00	250.50	1.50	S029834	0.005	0.21	78.8	52.7	65
	250.50	252.00	1.50	S029835	0.006	0.27	65.2	49.9	81
	252.00	253.50	1.50	S029836	0.002	0.22	83.1	45.9	91
	253.50	255.00	1.50	S029837	0.01	0.56	72.8	133.5	250
	255.00	255.90	0.90	S029838	0.01	0.74	102	101	1080
	255.90	257.50	1.60	S029839	0.005	0.22	76.4	43	78
	257.50	259.00	1.50	S029841	0.005	0.22	74.3	51.9	75
	259.00	260.50	1.50	S029842	0.006	0.27	124.5	42.9	76
	260.50	262.00	1.50	S029843	0.002	0.21	99.9	37.5	120
	262.00	263.50	1.50	S029844	0.002	0.29	105	35.8	121
	263.50	265.00	1.50	S029845	0.006	0.33	126	46.4	84
	265.00	266.50	1.50	S029846	0.006	0.38	125.5	50.9	84
	266.50	268.00	1.50	S029847	0.006	0.34	84.7	44.3	122
	268.00	269.50	1.50	S029848	0.019	0.35	95.1	42.7	93
	269.50	271.00	1.50	S029849	0.008	0.34	93.8	49.9	91
	271.00	272.50	1.50	S029851	0.011	0.35	105.5	24.5	216
	272.50	274.00	1.50	S029852	0.005	0.39	93.3	35.1	127
	274.00	275.50	1.50	S029853	0.005	0.59	84.5	50.2	159
	275.50	277.00	1.50	S029854	0.005	0.64	123.5	45.9	159
	277.00	278.00	1.00	S029855	0.005	0.71	107.5	45.9	149





From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			278.00	278.30	0.30	S029856	0.002	0.6	65.4	27.8	145
			278.30	280.00	1.70	S029857	0.002	0.88	94.3	52.1	177
			280.00	281.50	1.50	S029858	0.008	0.66	92.2	48.8	169
			281.50	283.00	1.50	S029859	0.007	0.8	110	49.9	136
			283.00	284.50	1.50	S029861	0.007	0.9	129.5	51.5	137
			284.50	286.00	1.50	S029862	0.008	1.07	165.5	61.9	127
			286.00	287.50	1.50	S029863	0.009	0.93	118.5	68.7	101
			287.50	289.00	1.50	S029864	0.012	0.84	104.5	62.2	128
			289.00	290.50	1.50	S029865	0.046	0.84	120	59.1	115
			290.50	292.00	1.50	S029866	0.014	0.71	104.5	48.1	122
			292.00	293.50	1.50	S029867	0.045	0.78	104.5	41.1	100
			293.50	295.00	1.50	S029868	0.017	0.83	123.5	38.9	111
			295.00	296.50	1.50	S029869	0.016	1.1	56.2	31.6	123
			296.50	298.00	1.50	S029871	0.008	1.02	113	40	308
			298.00	299.50	1.50	S029872	0.162	3.15	103.5	29.5	76
			299.50	301.00	1.50	S029873	0.012	0.69	116	39.5	159
			301.00	302.50	1.50	S029874	0.007	0.63	110.5	33.2	243
			302.50	304.00	1.50	S029875	0.005	0.63	121	27.1	119
			304.00	305.50	1.50	S029876	0.006	0.66	87.9	36.3	106
			305.50	307.00	1.50	S029877	0.002	0.64	97.6	31.8	503
			307.00	307.90	0.90	S029878	0.009	0.62	92.8	48.7	1960
			307.90	308.40	0.50	S029879	0.014	0.75	107.5	48.9	2040
			308.40	310.00	1.60	S029881	0.005	0.57	113.5	34.9	306
			310.00	311.50	1.50	S029882	0.002	0.53	81	32.8	134
			311.50	313.00	1.50	S029883	0.043	0.52	87.1	29.6	139
			313.00	314.50	1.50	S029884	0.016	0.52	94.3	32.6	127
			314.50	316.00	1.50	S029885	0.032	0.6	97.8	29.4	110
			316.00	316.30	0.30	S029886	0.819	1.12	87.8	50.4	657
			316.30	318.00	1.70	S029887	0.036	0.88	106.5	60.8	137





From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			318.00	319.50	1.50	S029888	0.105	0.78	107	38.4	267
			319.50	321.00	1.50	S029889	0.046	0.84	115	33.9	136
			321.00	322.50	1.50	S029891	0.122	1.22	150.5	35.4	129
			322.50	324.00	1.50	S029892	0.113	0.99	118	35.3	139
			324.00	324.84	0.84	S029893	0.1	0.95	115	30.2	152
			324.84	325.06	0.22	S029894	0.047	2.15	384	32	190
			325.06	326.00	0.94	S029895	0.103	0.84	92	35.9	448
			326.00	327.00	1.00	S029896	0.132	1.21	103	127	893
			327.00	328.50	1.50	S029897	0.032	1.11	100.5	65.8	222
			328.50	330.00	1.50	S029898	0.132	0.89	51.6	65.5	345
			330.00	331.50	1.50	S029899	0.114	1.92	74.5	714	406
			331.50	333.00	1.50	S029901	0.167	1.93	41.1	1610	649
			333.00	334.50	1.50	S029902	0.248	1.35	77.9	59.3	215
			334.50	336.00	1.50	S029903	0.123	0.84	101.5	35.9	143
			336.00	337.50	1.50	S029904	0.233	0.81	96.2	40.1	321
			337.50	339.00	1.50	S029905	0.152	0.73	76.8	32.8	560
			339.00	340.50	1.50	S029906	0.082	0.69	87.8	35.1	254
			340.50	342.00	1.50	S029907	0.046	0.65	90.7	24.8	117
			342.00	343.50	1.50	S029908	0.217	0.78	130.5	23.6	130
			343.50	345.00	1.50	S029909	0.063	0.79	110.5	30.8	113
			345.00	346.50	1.50	S029911	0.025	0.91	122.5	68.6	747
			346.50	348.00	1.50	S029912	0.019	0.84	127.5	39.2	558
			348.00	349.50	1.50	S029913	0.057	0.82	120	30.1	185
			349.50	351.00	1.50	S029914	0.028	1.19	174	45.7	205
			351.00	352.50	1.50	S029915	0.005	0.71	111	36	341
			352.50	354.00	1.50	S029916	0.017	0.9	121.5	65.5	278
			354.00	354.69	0.69	S029917	0.009	0.83	131	67.4	273
			354.69	355.76	1.07	S029918	0.002	1.05	162	172	871
			355.76	357.00	1.24	S029919	0.002	0.77	112.5	140	373





From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			357.00	358.50	1.50	S029921	0.002	0.77	110.5	38.4	136
			358.50	360.00	1.50	S029922	0.002	0.78	155.5	37.7	124
			360.00	361.50	1.50	S029923	0.002	0.86	144	32.9	122
		_	361.50	363.00	1.50	S029924	0.002	0.78	131	25.1	106
		_	363.00	364.50	1.50	S029925	0.068	0.92	143.5	21.3	119
			364.50	366.00	1.50	S029926	0.124	0.86	110	19.6	119
			366.00	367.50	1.50	S029927	0.229	0.98	102	20.9	130
			367.50	369.00	1.50	S029928	0.067	1.2	133	24.9	126
			369.00	370.50	1.50	S029929	0.112	1.1	139.5	20.5	135
			370.50	372.00	1.50	S029931	0.067	1.22	124	30.9	135
			372.00	373.50	1.50	S029932	0.05	1.05	132	20.9	109
			373.50	375.00	1.50	S029933	0.051	1.19	94.4	30.4	263
			375.00	376.50	1.50	S029934	0.18	1.17	98.1	23.6	136
			376.50	378.00	1.50	S029935	0.055	1.12	110.5	24.8	131
			378.00	379.00	1.00	S029936	0.079	1.26	106	29.1	153
			379.00	380.41	1.41	S029937	0.091	1.18	77.2	26	260
			380.41	381.00	0.59	S029938	0.081	1.32	180	23.8	171
			381.00	382.50	1.50	S029939	0.055	1.45	143.5	47.4	295
			382.50	384.00	1.50	S029941	0.139	1.8	149.5	32.4	432
			384.00	385.50	1.50	S029942	0.207	1.87	154	34.8	273
		_	385.50	387.00	1.50	S029943	0.189	1.45	155	20.5	198
			387.00	388.50	1.50	S029944	0.15	1.25	109	29.8	240
		_	388.50	390.00	1.50	S029945	0.193	1.97	144	42.9	608
			390.00	391.50	1.50	S029946	0.113	1.54	109.5	54.9	838
		_	391.50	393.00	1.50	S029947	0.141	1.55	132.5	19.8	789
			393.00	393.50	0.50	S029948	0.112	1.58	143.5	23	401
			393.50	395.00	1.50	S029949	0.091	1.53	147.5	45.9	290
			395.00	396.00	1.00	S029951	0.036	1.68	180.5	252	641
		_	396.00	397.50	1.50	S029952	0.019	1.17	137.5	31.1	391





Hole: BR-121 From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best ppm ppm ppm ppm ppm 397.50 398.00 0.50 S029953 0.062 2.15 257 32.1 351 1.00 398.00 399.00 S029954 0.064 1.18 133.5 78.2 455 399.00 400.50 1.50 S029955 0.187 1.81 194.5 74.5 275 1.50 400.50 402.00 S029956 0.076 1.46 164 106 410 402.00 403.50 1.50 S029957 0.123 1.63 234 94.1 347

403.50

404.00

405.30

406.50

408.00

409.50

411.00

412.50

414.00

414.68

415.85

417.00

418.50

420.00

404.00

405.30

406.50

408.00

409.50

411.00

412.50

414.00

414.68

415.85

417.00

418.50

420.00

421.50

0.50

1.30

1.20

1.50

1.50

1.50

1.50

1.50

0.68

1.17

1.15

1.50

1.50

1.50

S029958

S029959

S029961

S029962

S029963

S029964

S029965

S029966

S029967

S029968

S029969

S029971

S029972

S029973

0.11

0.18

0.232

0.07

0.026

0.052

0.016

0.01

0.012

0.039

0.009

0.013

0.037

0.428

1.78

1.36

1.25

1.24

1.51

0.97

1.09

1

0.7

1.03

1.21

1.01

1.26

1.56

261

101.5

170.5

161.5

136

140

195.5

139

112.5

73

156.5

141

192

87.5

46.2

55.3

32.4

44.5

18.3

52.4

89.2

68.1

46.8

169.5

118

126

83.7

252

155

292

199

233

154

222

273

204

221

564

256

316

180

427



Hole: BR-121									
From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
421.50 490.40 V8 Mafic volcanic rocks (basaltic- greenish grey V-fsh andesite, basalt; silica content 45-57%)	421.50	423.00	1.50	S029974	0.021	1.05	125.5	123	277
421.5 - 490.4: Dark greenish grey mafic lapilli tuff. Subangular to subrounded clasts ranging up to <6cm wide. Larger clasts contain light and dark green chl altered crystals ranging up too <1mm, dark grey anhedral py and py blebs, with some clasts haloed by anhedral py. Sub meter intervals displaying a mottled texture. Fine to coarse dark green ash m with weak to moderate chl-sil-carb alteration pervasive throughout - sub meter intervals have a light beige grey sericit alteration.	atrix								
Weak amounts of qz-cal and qz-cal-py veins with one large brecciated vein at interval (434.35-435.20m) containing anhedral py, py blebs, and pink manganese-calcite.									
Weak to moderate amounts of anhedral py appearing as; disseminated, blebs, blebs in veins, stringers, and halo's arc clasts (3%).	ound								
< <alt: -="" 435="" 490.4:="" carbonate="" chlorite="" epidote="" moderate="" sericite="" silica="" to="" trace="" weak="">&gt; Weak to moderate sil-chl pervasive throughout (including clasts) with less sub meter ser alteration and to carb alt. Trace epidote alteration in clasts.</alt:>	423.00 race	424.50	1.50	S029975	0.018	1.19	141.5	147	356
< <vein: -="" 25.0-50.0%="" 434="" 435.5:="" quartz-calcite-pyrite="">&gt; Large brecciated manganese-qz-cal vein containing weak amounts of disseminated anhedral py and py py blebs (2%).</vein:>	424.50	426.00	1.50	S029976	0.012	1.07	119.5	70.5	195
< <vein: -="" 448="" 458:="" <1.0="" quartz-calcite="">&gt; Weak amounts of of qz-cal and qz-cal-py veins and veinlets. Qz-cal-py v contain trace amounts of anhedral py blebs.</vein:>	eins 426.00	427.50	1.50	S029977	0.014	1.25	86	235	411
	427.50	429.00	1.50	S029978	0.014	1.11	121	131	356
	429.00	430.50	1.50	S029979	0.05	1.27	116.5	143	749
	430.50	432.00	1.50	S029981	0.031	1.16	90.7	160	326
	432.00	433.50	1.50	S029982	0.02	0.96	89.4	94.7	116
	433.50	434.35	0.85	S029983	0.017	0.86	103	116	306
	434.35	435.20	0.85	S029984	0.014	0.6	40.3	47.1	112
	435.20	436.50	1.30	S029985	0.012	1.11	143.5	109.5	215
	436.50	438.00	1.50	S029986	0.016	0.96	116	95.6	161
	438.00	439.50	1.50	S029987	0.02	0.82	136.5	41.1	84
	439.50	441.00	1.50	S029988	0.029	0.66	109.5	13	71
	441.00	442.50	1.50	S029989	0.015	1.9	158	11.7	78
	442.50	444.00	1.50	S029991	0.013	0.58	143	9.8	89





To (m)

From (m)

#### **GeoSpark: Drill Hole Report**

Hole: BR-121

**Rock Type & Description** 

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
444.00	445.50	1.50	S029992	0.021	0.59	92.6	10.6	80
445.50	447.00	1.50	S029993	0.026	0.64	138	14.2	102
447.00	448.50	1.50	S029994	0.026	0.88	205	19.5	91
448.50	450.00	1.50	S029995	0.026	0.83	162.5	21.4	104
450.00	451.50	1.50	S029996	0.019	0.57	107	11.8	88
451.50	453.00	1.50	S029997	0.019	0.59	137	12.9	105
453.00	454.50	1.50	S029998	0.015	0.54	139	11.1	109
454.50	456.00	1.50	S029999	0.023	0.67	141.5	10.6	97
456.00	457.50	1.50	S030001	0.029	0.7	127.5	13.8	93
457.50	459.00	1.50	S030002	0.014	0.58	101	14.6	96
459.00	460.50	1.50	S030003	0.009	0.64	190.5	12.2	116
460.50	462.00	1.50	S030004	0.013	0.63	127	16.6	103
462.00	463.50	1.50	S030005	0.014	0.67	162	12	115
463.50	465.00	1.50	S030006	0.021	0.58	132	8.6	93
465.00	466.50	1.50	S030007	0.016	0.88	151	10.9	88
466.50	468.00	1.50	S030008	0.011	0.72	162	13.1	93
468.00	469.50	1.50	S030009	0.012	0.45	97.7	7.4	108
469.50	471.00	1.50	S030011	0.012	0.45	107.5	13.9	82
471.00	472.50	1.50	S030012	0.012	0.46	119.5	5.9	80
472.50	474.00	1.50	S030013	0.009	0.46	107.5	16.6	91
474.00	475.50	1.50	S030014	0.042	0.48	67.4	30.6	101
475.50	477.00	1.50	S030015	0.009	0.47	124	35.9	110
477.00	478.50	1.50	S030016	0.012	1.43	141	70.9	153
478.50	480.00	1.50	S030017	0.028	0.63	148.5	21.6	85
480.00	481.50	1.50	S030018	0.008	0.74	102	26.5	266
481.50	483.00	1.50	S030019	0.012	1.24	118	17.6	107
483.00	484.50	1.50	S030021	0.011	1.08	109	8.4	71
484.50	486.00	1.50	S030022	0.011	0.62	142	8.2	77
486.00	487.50	1.50	S030023	0.006	0.43	163.5	22.7	178





Hole:		BR-121									
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			487.50	489.00	1.50	S030024	0.005	0.49	146	9.4	135
			489.00	490.40	1.40	S030025	0.008	0.41	95.2	16.8	125

End of Hole @ 490.4





Project: Bowser Regional

Hole: BR-122

**Prospect:** Hanging Glacier **Survey Type:** Logged By: **Hole Type:** DGPS aflower DDS **UTM Grid:** UTM83-9 Survey By: **Date Started:** 8/31/2020 **Core Size:** HQ 9/5/2020 **Casing Pulled? UTM East:** 424627.697 Azimuth: **Date Completed: Drill Company:** HyTech Casing Depth (m): **UTM North:** 6261133.119 Dip: UTM Elevation (m): **Drill Rig:** Marked? 1254.907 Length (m): 279.18 H2 8/31/2020 **Hole Purpose:** Expl **Drill Started:** Surveyed? **Local Grid: Drill Target: Drill Completed:** 9/5/2020 Water Production: YES **Local East:** Water Type: Comments: **Local North:** Aflower took over logging Sept.2/2020 @139m Water Depth (m): Local Elevation (m):

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments			
0	1stREFLEX	8/31/2020	-65.1	210.5	19.5	230	55564	<b>✓</b>				
30	REFLEX	8/31/2020	-65.1	210.5	19.5	230	55564	<b>✓</b>				
80.99	REFLEX	8/31/2020	-65.4	209.9	19.5	229.4	54697	<b>✓</b>				
132	REFLEX	8/31/2020	-65.8	211.1	19.5	230.6	55290	<b>✓</b>				
183	REFLEX	9/1/2020	-66.1	213.9	19.5	233.4	55563		Temp 9			
234	REFLEX	9/1/2020	-66.4	210.1	19.5	229.6	55481	<b>✓</b>				



**Structure Type:** 



Hole:	BR-1	.22										
From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	15.50 OVB	overburden	NR									
0 - 15.5: ove	erburden is green porph	nyry , w ep.chl alt clasts, possible boulder										
< <min: -="" 0="" 1<="" td=""><td>15.5: Nothing Records</td><td>ed&gt;&gt; ovb</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	15.5: Nothing Records	ed>> ovb										
< <min: -="" 0="" 1<="" td=""><td>15.5: Not recorded Un</td><td>mineralized Zone&gt;&gt; ovb</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	15.5: Not recorded Un	mineralized Zone>> ovb										
< <alt: -="" 0="" 15<="" td=""><td>5.5: &gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	5.5: >>											
15.50	147.00 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	V-fsh	15.50	17.00	1.50	S039401	0.157	17.45	347	48.8	1420
developed fa Total of 1.5% distruibuted b	+sil+ser alt typically bed ault zone at 116.86m m 6 py in veins, blebs, dis	d composition controlled. Weak ox and hem on fracture narks appearance of patchy/haloed epidote alteration a seeminated and fracture coated up to fz, where it increase/ser halos. 3mm bleb of cu sulphosalt at 25.78m Frac	nd increase in mineralization. ases to 2-3% total (mostly									
controlled e (42.24,81) s	eu py, <0.5%diss eu py sinlge bleb of cpy in qtz	te / <0.5% pyrite / <0.5% pyrite / traces pyrite / traces n and <0.5%, 0.5% blebs of py in matrix and veins. Trace cal vein @59.80 Some py bleb clusters surrounded by adrite, ploybesite) at 25.79	e Mo on fracture faces	17.00	18.50	1.50	S039402	0.255	1.14	376	12.3	172
blebs (more	.86 - 181.75: 0.5-2.0% e in coarser units), <0.5 marked by weak-mod	p pyrite / 0.5-2.0% pyrite / <0.5% pyrite / <0.5% pyrite>> 0 diss py, 0.75% sub py blebs in veins, band of sub p dev fz	> 1-2% distributed sub py y at 141.1m.	18.50	20.00	1.50	S039403	0.169	0.86	307	9.9	105
2-3% py in o	dissem, blebs and strir	ngers.										
weak iron o		derate silica / weak to moderate chlorite / weak to mode 50cm) zones of dominant alteration. Some moderately r halo (ex 93.25)		20.00	21.50	1.50	S039404	0.238	1.07	298	10.9	124
moderate e	pidote / weak to mode	noderate chlorite / weak to moderate silica / weak to mo rate magnetite>> appearance of "pock marked" ep in f increase in epidote and hematite from 147-151m. Inte	ash beds and veins, top contact	21.50	23.00	1.50	S039405	0.267	0.72	203	14.9	105
< <vein: 15.<="" td=""><td>.5 - 84.5: 1.0-5.0% qua</td><td>artz-calcite&gt;&gt; no obvious dominant vein</td><td>-</td><td>23.00</td><td>24.50</td><td>1.50</td><td>S039406</td><td>0.18</td><td>6.12</td><td>343</td><td>13.3</td><td>158</td></vein:>	.5 - 84.5: 1.0-5.0% qua	artz-calcite>> no obvious dominant vein	-	23.00	24.50	1.50	S039406	0.18	6.12	343	13.3	158
		uartz-calcite>> dis qtz cal ank veinlets		24.50	26.00	1.50	S039407	0.191	1.01	372	11.3	136
//\/oin: 00	.14 - 116.86: 1.0-5.0%	quartz-calcite>>		26.00	27.50	1.50	S039408	0.159	0.87	361	11.4	152





Hole:	BR-122
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From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <vein: -="" 1.0-5.0%="" 116.86="" 138:="" quartz-calcite="">&gt;</vein:>	27.50	29.00	1.50	S039409	0.2	1.06	287	7.5	278
< <vein: -="" 1.0-5.0%="" 138="" 186.96:="" quartz-calcite-pyrite="">&gt; 1-2% veining interval consists of steeply dipping 1-35cm ep+qtz locally mn-cal veins and thin veinlets networks with +/- pyrite observed along selvages, locally vuggy. 35cm brecciate Mn-cal vein with 1-2% py along selvages and in host breccia clast, rare trace blebs of Fe-rich sph observed. Trace &lt;0.5% magnetite veinlets observed throughout.</vein:>	29.00	30.50	1.50	S039411	0.283	0.68	213	7.5	239
< <struc: -="" 95.56="" 95.58:="" developed="" fault="" moderately="" zone="">&gt; gouge present</struc:>	30.50	32.00	1.50	S039412	0.223	1	348	17.9	134
< <struc: -="" 116.86="" 117:="" developed="" fault="" moderately="" zone="">&gt; 14cm fault zone with weak-mod gouge and rubblized zone on deeper side. Marks change in min % and introduction of ep alt</struc:>	32.00	33.50	1.50	S039413	0.262	0.89	336	13.3	141
< <struc: -="" 143.22="" 143.24:="" bedding="" developed="" strongly="">&gt; Strongly developed bedding in ash tuff. Rep laminations are 75 degre to CA.</struc:>	33.50	35.00	1.50	S039414	0.233	0.62	211	11.3	111
	35.00	36.50	1.50	S039415	0.282	0.8	243	11.6	97
	36.50	38.00	1.50	S039416	0.242	0.67	225	11.1	103
	38.00	39.50	1.50	S039417	0.244	0.63	161	10	98
	39.50	41.00	1.50	S039418	0.347	1.03	272	23.5	91
	41.00	42.50	1.50	S039419	0.261	0.83	297	13.6	102
	42.50	44.00	1.50	S039421	0.245	0.85	206	29	100
	44.00	45.50	1.50	S039422	0.189	0.57	217	10.4	114
	45.50	47.00	1.50	S039423	0.165	0.44	186	10.2	119
	47.00	48.50	1.50	S039424	0.407	1	386	16.4	132
	48.50	50.00	1.50	S039425	0.423	1.45	529	18.5	141
	50.00	51.50	1.50	S039426	0.253	0.79	248	6.3	312
	51.50	53.00	1.50	S039427	0.19	1.03	280	5.3	85
	53.00	54.50	1.50	S039428	0.495	2.06	521	10	265
	54.50	56.00	1.50	S039429	0.37	2.19	499	10.1	113
	56.00	57.50	1.50	S039431	0.254	1.95	412	15.8	113
	57.50	59.00	1.50	S039432	0.329	1.1	410	9	92
	59.00	60.50	1.50	S039433	0.771	1.61	608	9.2	115
	60.50	62.00	1.50	S039434	0.426	1.27	421	10.3	119
	62.00	63.50	1.50	S039435	0.332	1.02	336	12.1	77
	63.50	65.00	1.50	S039436	0.287	1.46	410	9.8	72
	65.00	66.50	1.50	S039437	0.274	1.04	339	13.7	84





From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			66.50	68.00	1.50	S039438	0.407	1.32	385	14.5	101
			68.00	69.50	1.50	S039439	0.378	1.12	355	9.4	85
			69.50	71.00	1.50	S039441	0.4	0.91	345	12.1	101
			71.00	72.50	1.50	S039442	0.193	0.64	237	10.7	97
			72.50	74.00	1.50	S039443	0.245	0.85	300	10.9	85
			74.00	75.50	1.50	S039444	0.218	0.97	291	11	90
			75.50	77.00	1.50	S039445	0.218	1	344	12.7	118
			77.00	78.50	1.50	S039446	0.227	1.14	390	12.8	85
			78.50	80.00	1.50	S039447	0.275	0.98	347	17.9	80
			80.00	81.50	1.50	S039448	0.235	0.96	398	12.3	95
			81.50	83.00	1.50	S039449	0.2	0.81	276	16.9	92
			83.00	84.50	1.50	S039451	0.245	1.55	545	14.3	116
			84.50	86.00	1.50	S039452	0.135	0.82	333	15	110
			86.00	87.50	1.50	S039453	0.17	0.58	298	12.5	119
			87.50	89.00	1.50	S039454	0.293	0.96	413	14.5	128
			89.00	90.50	1.50	S039455	0.284	1.17	425	18.6	132
			90.50	92.00	1.50	S039456	0.344	1.44	451	20.2	115
		_	92.00	93.50	1.50	S039457	0.254	2.89	496	25.2	169
		_	93.50	95.00	1.50	S039458	0.198	3.68	363	13.4	124
		_	95.00	96.50	1.50	S039459	0.232	2.03	72.5	28	85
		_	96.50	98.00	1.50	S039461	0.092	4.93	135.5	8.8	105
		_	98.00	99.50	1.50	S039462	0.175	0.95	203	12	89
			99.50	101.00	1.50	S039463	0.188	2.18	171	17.4	122
		_	101.00	102.50	1.50	S039464	0.172	3.64	168	13.8	99
			102.50	104.00	1.50	S039465	0.262	1.45	249	87.3	200
		_	104.00	105.50	1.50	S039466	1.225	1.95	198	23	95
		_	105.50	107.00	1.50	S039467	0.215	1.65	238	21.7	94
		_	107.00	108.50	1.50	S039468	0.26	1.27	261	11.4	114
			108.50	110.00	1.50	S039469	0.212	1.1	211	13.8	109





Hole: BR-122

From (m) To (m) Rock Type & Description From (m) To (m) Length Sample #

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
110.00	111.50	1.50	S039471	0.372	1.1	249	13.9	95
111.50	113.00	1.50	S039472	2.8	1.95	277	24.9	112
113.00	114.50	1.50	S039473	0.667	1.84	360	16.4	123
114.50	116.00	1.50	S039474	0.182	1.08	281	13.6	117
116.00	117.50	1.50	S039475	0.286	1.35	449	10.7	155
117.50	119.00	1.50	S039476	0.176	0.79	299	7.9	103
119.00	120.50	1.50	S039477	0.233	1.15	388	13.4	152
120.50	122.00	1.50	S039478	0.217	1.11	338	16.4	147
122.00	123.50	1.50	S039479	0.205	1.09	346	12.9	136
123.50	125.00	1.50	S039481	0.244	0.99	322	13	130
125.00	126.50	1.50	S039482	0.188	1.03	334	13	126
126.50	128.00	1.50	S039483	0.134	0.66	227	8.8	99
128.00	129.50	1.50	S039484	2.47	1.12	366	17.7	149
129.50	131.00	1.50	S039485	0.243	1.22	359	11.7	122
131.00	132.50	1.50	S039486	0.197	0.97	321	15.6	142
132.50	134.00	1.50	S039487	0.171	0.92	287	11.1	114
134.00	135.50	1.50	S039488	0.219	0.81	272	10.5	123
135.50	137.00	1.50	S039489	0.193	1.03	281	18.3	136
137.00	138.50	1.50	S039491	0.217	0.93	261	16.3	273
138.50	140.00	1.50	S039492	0.208	0.93	300	19.7	224
140.00	141.50	1.50	S039493	0.202	1.29	312	59.6	218
141.50	143.00	1.50	S039494	0.25	1.13	351	15	144
143.00	144.50	1.50	S039495	0.218	0.91	355	11.8	115
144.50	146.00	1.50	S039496	0.236	0.94	312	22.4	99
146.00	147.00	1.00	S039497	0.157	1.14	430	12.5	105





Hole:	BR	-122											
From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Bes
147.00	195.86 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	blueish green	V-lp	147.00	148.50	1.50	S039498	0.27	0.7	291	8.5	130
nottled and ssociated v ontaining fil eins/veinlet s dissemina	vein/fracture assoc with epidote at top on ne white plag and h ts. 1% py found on ations blebs and thi	act with overlying ash tuff. Moderate to intense chl+sil+silated epidote alt more prominent at the top of the unit. If unit. 1-2% Magnetite stingers and patches observed to blath xl's from 149.85-150.90m. Weak vein consist of selvages of a prominent 35cm brecciated mn-cal vein with the stringers throughout unit.	Mottled pinkish hematite hrougout. Bed of crysta qtz-epi +/- mn-cal or pa // trace sph. 2-3% Pyrite	e alteration I lithic tuff le grey cal e observed									
		pyrite / traces sphalerite>> Mn-cal vein contains, 1-2 e specular Fe-rich sph in blebs.	% py euhedral in vein s	elvages and	148.50	150.00	1.50	S039499	0.252	1	388	10.6	126
		0% pyrite / <0.5% pyrite / <0.5% pyrite>> 1-2% pyrite osscutting matrix throughout.	disseminted and blebby	in matrix	150.00	151.50	1.50	S039501	0.292	1.32	430	11.9	191
< <vein: 180<br="">of veinlets.</vein:>	6.96 - 201.75: 1.0-	5.0% quartz-calcite>> Veining in dyke consists of Mn	cal wispy and diarticula	ted network	151.50	153.00	1.50	S039502	0.233	0.91	265	17.4	171
< <struc: 18<br="">interval.</struc:>	32.35 - 193.55: wea	akly developed fault zone>> Minor gouge on fractures	with local 25% broken	core in	153.00	154.50	1.50	S039503	0.225	0.97	316	16.7	178
				_	154.50	156.00	1.50	S039504	0.163	0.76	225	9	202
				_	156.00	157.50	1.50	S039505	0.272	0.84	314	10.7	203
					157.50	159.00	1.50	S039506	0.32	0.82	333	10.1	247
					159.00	160.50	1.50	S039507	0.258	0.82	290	11.9	227
					160.50	162.00	1.50	S039508	0.239	0.92	304	10.1	185
				_	162.00	163.50	1.50	S039509	0.51	1.07	358	11.2	209
					163.50	165.00	1.50	S039511	0.284	1.16	351	9.2	180
				_	165.00	166.50	1.50	S039512	0.413	1.05	391	11.5	214
					166.50	168.00	1.50	S039513	0.338	1.18	403	11	173
				_	168.00	169.50	1.50	S039514	0.169	0.89	364	9.8	214
					169.50	171.00	1.50	S039515	0.506	1.1	367	10.6	238
					171.00	172.50	1.50	S039516	0.37	1.23	492	9.9	184
					172.50	174.00	1.50	S039517	0.407	1.28	496	10.2	201
				_	174.00	175.50	1.50	S039518	0.586	1.4	524	11.6	204





Hole: BR-	122										
From (m) To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			175.50	177.00	1.50	S039519	0.424	1.06	403	10.6	242
			177.00	178.50	1.50	S039521	0.379	1.5	439	9	228
			178.50	180.00	1.50	S039522	0.55	1.34	426	12.1	242
			180.00	181.50	1.50	S039523	0.909	2.33	725	10.4	222
			181.50	183.00	1.50	S039524	0.09	0.94	108	7.6	132
			183.00	184.50	1.50	S039525	0.168	1.3	170	45.1	524
			184.50	186.00	1.50	S039526	0.242	0.99	205	6.7	164
			186.00	187.50	1.50	S039527	0.375	1.58	418	12.5	169
			187.50	189.00	1.50	S039528	0.24	0.81	288	8.8	182
			189.00	190.50	1.50	S039529	0.429	0.99	391	6.9	159
			190.50	192.00	1.50	S039531	0.35	1.1	456	7.8	151
			192.00	193.50	1.50	S039532	0.497	1.74	535	8.1	151
			193.50	195.00	1.50	S039533	0.59	2.34	584	10.2	146
			195.00	195.86	0.86	S039534	0.237	1.77	254	5.8	135
			195.86	197.00	1.14	S039535	0.021	0.54	11.2	11.3	143
195.86 201.75 V6	Mafic dykes; cross cutting, basaltic-andesite	V-lp	197.00	198.50	1.50	S039536	0.102	1.25	170	8.8	162
	idal mafic dyke. Amygdules are 1-10mm and calcite/chorite re arp contact with upper V4 unit and lower V8 unit.	eplaced. Weak calcite									
< <min: -="" 196.86="" 201.75:="" <0.5%<="" td=""><td>pyrite&gt;&gt; Minor 0.5% pyrite dissmeinated in dyke.</td><td></td><td>198.50</td><td>200.00</td><td>1.50</td><td>S039537</td><td>0.22</td><td>2.03</td><td>333</td><td>9</td><td>183</td></min:>	pyrite>> Minor 0.5% pyrite dissmeinated in dyke.		198.50	200.00	1.50	S039537	0.22	2.03	333	9	183
< <alt: -="" 196.86="" 201.75:="" moderat<br="">and fine grained xl's chl + cal rep</alt:>	e chlorite / weak chlorite / weak calcite>> Pervasive chlorite olaced.	alteration with amgydules	200.00	201.00	1.00	S039538	0.393	2.99	356	15.6	158
			201.00	201.75	0.75	S039539	0.028	0.75	45.4	12.4	149





Hole: BF	R-122										
From (m) To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
201.75 279.18 V8	Mafic volcanic rocks (basaltic- andesite, basalt; silica content 45-57%)	V-Ip	201.75	203.00	1.25	S039541	0.45	2.72	162	10.8	146
increase in mineralization. Alte Clasts and phenos crystals are contains 3-4% py disseminated	nore mafic composition. Greyish green mafic lapilli tuff with a decrease ration contains pervasive chlorite, weak silica and local mottled weak es subangular/subhedral dominantly chlorite altered and 2-15mm. Minerald, blebs and stringers. 2-3% calcite veining +/- mn. Pale grey planar qtarrargyrite (1.5% Mo, 128 Ag XRF) with local minor galena blebs.	epidote/hematite. alization in matrix									
	5.0% pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> Pyrite mineralization in s and blebs. Trace local mm scale stringers are sooty.	creases to 3-4%	203.00	204.50	1.50	S039542	0.311	1.57	66.4	10.3	114
galena>> Similar 3-4% pyrit bands of molybdenite (up to 1	0% pyrite / 0.5-2.0% pyrite / <0.5% molybdenite / <0.5% Ag,Pb,Sb,As e min as above in dissems and blebs. Dark grey qtz veins in this interv. 5% Mo XRF) and asociated Ag-sulfosalt possible pyrargyrite (75-500pa. Found in several 3-7cm qtz veins.	al contain minor thin	204.50	206.00	1.50	S039543	0.205	1.43	239	9.1	197
	0% pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> Intense 3-4% pyrite observatrix, with minor pyrite 1-12mm stringers.	erved as	206.00	207.50	1.50	S039544	0.358	1.87	214	15.8	182
< <alt: -="" 201.75="" 226.1:="" calcite="" fizzing="" grains="" moder="" of="" td="" within<=""><td>ate to strong chlorite / moderate calcite&gt;&gt; Intense chlorite altered ma matrix.</td><td>trix with very intense</td><td>207.50</td><td>209.00</td><td>1.50</td><td>S039545</td><td>0.359</td><td>1.77</td><td>267</td><td>17</td><td>131</td></alt:>	ate to strong chlorite / moderate calcite>> Intense chlorite altered ma matrix.	trix with very intense	207.50	209.00	1.50	S039545	0.359	1.77	267	17	131
	ate chlorite / weak epidote / weak hematite / trace magnetite>> Simil interval with the addition of weak mottled epidote and weak hematite is c alteration.		209.00	210.50	1.50	S039546	0.424	1.69	277	57.1	252
	to moderate chlorite / weak silica>> Epidote and hematite alteration intensity. Unit become intensely silica altered but only in certain local particles.		210.50	212.00	1.50	S039547	0.247	1.93	289	23.4	177
	0-25.0% calcite>> Calcite stockwork directly below dyke contact. Intellibration hosts pyrite in selvages and sooty pyrite stringers.	ense 20%	212.00	213.50	1.50	S039548	0.418	1.34	293	16.1	167
< <vein: +="" -="" 1.0="" 204.05="" 230.15:="" cal="" mn="" networks="" td="" thro<="" wispy=""><td>-5.0% calcite&gt;&gt; Mn-calcite veining interval instensity decrease to 3-4 bughout.</td><td>%. Disarticulated and</td><td>213.50</td><td>215.00</td><td>1.50</td><td>S039549</td><td>0.32</td><td>1.32</td><td>208</td><td>59.8</td><td>167</td></vein:>	-5.0% calcite>> Mn-calcite veining interval instensity decrease to 3-4 bughout.	%. Disarticulated and	213.50	215.00	1.50	S039549	0.32	1.32	208	59.8	167
veins. Qtz veins typically cont	-5.0% quartz>> 2% veining interval with the appearance of dark grey ain a bluish metallic molybdenite mineral (To 1.5% moly XRF) in bands pink possibly pyrargyrite (500ppm Sb and 120 Ag) and trace galena. Enetworks.	fracture often	215.00	216.50	1.50	S039551	0.266	3.26	328	154	222
< <struc: -="" 275.9="" 276.1:="" mode<="" td=""><td>erately developed fault zone 60 deg. &gt;&gt; strong gouge</td><td>_</td><td>216.50</td><td>218.00</td><td>1.50</td><td>S039552</td><td>0.207</td><td>1.73</td><td>333</td><td>14.2</td><td>211</td></struc:>	erately developed fault zone 60 deg. >> strong gouge	_	216.50	218.00	1.50	S039552	0.207	1.73	333	14.2	211
			218.00	219.50	1.50	S039553	0.276	1.05	259	8.8	160





219.00       221.00       15.00       \$389554       0.257       0.93       256       9.6       204         221.00       222.50       15.0       \$639555       0.374       1.04       216       15.5       228         222.00       1.50       \$639555       0.328       0.68       131       10       207         224.00       225.50       1.50       \$639557       0.327       1.11       267       182       020         227.00       228.50       1.50       \$639558       0.321       1.17       245       16.5       180         227.00       228.50       1.50       \$639559       0.269       1.03       169.5       14.4       189         228.00       231.00       1.50       \$639562       0.11       1.25       203       1.59       238560       0.062       1.64       113       139       251         231.00       231.50       1.50       \$639564       0.254       0.95       145.5       17.1       223         234.50       236.00       1.50       \$639564       0.254       0.95       145.5       17.1       223         235.00       236.00       1.50       \$639566       0.	From (m)	To (m)	Rock Type & Description	From (m)	To (m) L	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
222.50       224.00       1.50       S039556       0.228       0.68       131       10       207         224.00       225.50       1.50       0309557       0.327       1.11       267       13.2       202         225.50       227.00       1.50       0309558       0.301       1.7       245       1.5       180         227.00       228.50       1.50       0509559       0.269       1.03       169.5       14.4       189         228.50       230.00       1.50       0509561       0.062       1.64       113       1.9       248         231.50       1.50       0509563       0.17       1.25       207       1.66       222         233.00       234.50       1.50       0509563       0.221       1.25       217       1.66       222         233.00       234.50       1.50       0509563       0.224       0.09       14.4       235         234.50       235.00       1.50       0509566       0.288       1.42       292       15.4       235         234.50       235.00       1.50       0509566       0.388       1.42       292       15.4       235         237.50 <td></td> <td></td> <td></td> <td>219.50</td> <td>221.00</td> <td>1.50</td> <td>S039554</td> <td>0.257</td> <td>0.93</td> <td>256</td> <td>9.6</td> <td>204</td>				219.50	221.00	1.50	S039554	0.257	0.93	256	9.6	204
224.00       225.50       1.50       \$039557       0.327       1.11       267       13.2       202         225.50       227.00       1.50       \$039558       0.301       1.17       245       16.5       180         227.00       22.85       1.50       \$039551       0.062       1.64       113       13.9       251         228.50       23.00       1.50       \$039561       0.062       1.64       113       13.9       251         230.00       231.50       1.50       \$039562       0.117       1.25       203       15.9       248         231.50       1.50       \$039563       0.221       1.25       217       1.66       222         231.50       1.50       \$039564       0.254       0.95       145.5       17.1       233         234.50       1.50       \$039565       0.366       1.32       204       14       235         234.50       1.50       \$039565       0.366       1.32       204       14       235         236.00       237.50       1.50       \$039565       0.366       1.38       1.42       292       1.54       385         237.50       1.50			_	221.00	222.50	1.50	S039555	0.374	1.04	216	15.5	228
225.50       227.00       1.50       S039558       0.301       1.17       245       16.5       180         227.00       228.50       1.50       S039551       0.69       1.03       169.5       1.44       189         228.50       23.00       1.50       S039561       0.069       1.04       113       13.9       251         230.00       231.50       1.50       S039562       0.117       1.25       203       15.9       288         231.50       233.00       1.50       S039564       0.254       0.95       145.5       17.1       223         234.50       1.50       S039566       0.254       0.95       145.5       17.1       223         235.00       1.50       S039566       0.38       1.42       204       14       235         237.50       239.00       1.50       S039566       0.38       1.42       204       1.4       235         237.50       239.00       1.50       S039566       0.38       1.42       204       1.4       235         237.50       239.00       1.50       S039566       0.38       1.42       204       1.4       203         249.50				222.50	224.00	1.50	S039556	0.228	0.68	131	10	207
227.00       228.50       1.50       S039559       0.269       1.03       169.5       14.4       189         228.50       230.00       1.50       S039561       0.062       1.64       113       13.9       251         231.00       231.50       150       S039561       0.117       1.25       203       15.9       248         231.50       233.00       1.50       S039564       0.221       1.25       217       16.6       222         233.00       234.50       1.50       S039564       0.254       0.95       145.5       17.1       223         234.50       1.50       S039565       0.386       1.42       204       14.4       235         236.00       237.50       1.50       S039566       0.388       1.44       229       15.4       289         237.50       239.00       1.50       S039566       0.388       1.44       292       15.8       389         237.50       239.00       1.50       S039568       0.289       1.29       21.8       192       653         237.50       239.00       1.50       S039578       0.28       1.29       228       192       653      <				224.00	225.50	1.50	S039557	0.327	1.11	267	13.2	202
228.50       230.00       1.50       S039561       0.062       1.64       113       13.9       251         230.00       231.50       1.50       S039562       0.117       1.25       203       15.9       248         231.50       233.00       1.50       S039563       0.221       1.25       217       16.6       222         233.00       234.50       1.50       S039564       0.254       0.95       145.5       17.1       223         234.50       236.00       1.50       S039565       0.396       1.32       204       14       235         237.50       239.00       1.50       S039566       0.388       1.42       292       15.4       385         237.50       239.00       1.50       S039568       0.289       1.29       228       19.2       653         249.50       240.50       1.50       S039568       0.289       1.29       228       19.2       653         249.50       240.50       1.50       S039568       0.289       1.29       228       19.2       653         249.50       245.00       1.50       S039576       0.248       1.25       224       0.9       0.1<				225.50	227.00	1.50	S039558	0.301	1.17	245	16.5	180
230.00       231.50       1.50       \$039562       0.117       1.25       203       1.59       248         231.50       233.00       1.50       \$039563       0.221       1.25       217       1.66       222         233.00       234.50       1.50       \$039564       0.254       0.95       145.5       17.1       223         234.50       236.00       1.50       \$039566       0.386       1.32       204       14       235         236.00       237.50       1.50       \$039566       0.388       1.42       292       15.4       385         237.50       239.00       1.50       \$039567       0.221       1.08       179       14.8       289         239.00       240.50       1.50       \$039568       0.289       1.29       228       19.2       653         240.50       242.00       1.50       \$039568       0.289       1.29       228       19.2       653         245.00       242.00       1.50       \$039571       0.368       1.8       290       25.1       272         243.50       245.00       1.50       \$039573       0.336       1.2       246       274       240 <td></td> <td></td> <td></td> <td>227.00</td> <td>228.50</td> <td>1.50</td> <td>S039559</td> <td>0.269</td> <td>1.03</td> <td>169.5</td> <td>14.4</td> <td>189</td>				227.00	228.50	1.50	S039559	0.269	1.03	169.5	14.4	189
231.50       233.00       1.50       \$039563       0.221       1.25       217       16.6       222         233.00       234.50       1.50       \$039564       0.254       0.95       145.5       17.1       223         234.50       236.00       1.50       \$039565       0.366       1.32       204       14       235         236.00       237.50       1.50       \$039566       0.388       1.42       292       15.4       385         237.50       239.00       1.50       \$039566       0.289       1.29       228       19.2       653         239.00       240.50       1.50       \$039568       0.289       1.29       228       19.2       653         240.50       242.00       1.50       \$039569       0.224       0.9       201       15.8       479         242.00       245.00       1.50       \$039572       0.75       1.4       246       27.4       240         245.00       245.00       1.50       \$039572       0.75       1.4       246       27.4       240         245.00       245.00       1.50       \$039573       0.36       1.29       121       24.6       298				228.50	230.00	1.50	S039561	0.062	1.64	113	13.9	251
233.00       234.50       1.50       \$039564       0.254       0.95       145.5       17.1       223         234.50       236.00       1.50       \$039566       0.396       1.32       204       14       235         236.00       237.50       1.50       \$039566       0.388       1.42       292       15.4       385         237.50       239.00       1.50       \$039568       0.289       1.29       128       19.2       653         240.50       242.00       1.50       \$039568       0.289       1.29       228       19.2       653         240.50       242.00       1.50       \$039569       0.224       0.9       201       15.8       479         242.00       243.50       1.50       \$039571       0.368       1.83       290       25.1       272         243.50       245.00       1.50       \$039571       0.368       1.83       290       25.1       272         243.50       245.00       1.50       \$039573       0.336       1.29       212       246       298         245.00       246.50       1.50       \$039573       0.336       1.29       212       246       298 <td></td> <td></td> <td></td> <td>230.00</td> <td>231.50</td> <td>1.50</td> <td>S039562</td> <td>0.117</td> <td>1.25</td> <td>203</td> <td>15.9</td> <td>248</td>				230.00	231.50	1.50	S039562	0.117	1.25	203	15.9	248
234.50       236.00       1.50       S039565       0.396       1.32       204       14       235         236.00       237.50       1.50       S039566       0.388       1.42       292       15.4       385         237.50       239.00       1.50       S039567       0.221       1.08       179       14.8       289         239.00       240.50       1.50       S039568       0.289       1.29       228       19.2       653         240.50       242.00       1.50       S039569       0.224       0.9       201       15.8       479         242.00       243.50       1.50       S039571       0.368       1.83       290       25.1       272         243.50       245.00       1.50       S039572       0.275       1.4       246       27.4       240         245.00       246.50       1.50       S039573       0.336       1.29       212       246       298         246.50       248.00       1.50       S039573       0.336       1.16       181.5       20.2       280         249.50       250       250       5039575       0.344       1.25       235       365       1.16				231.50	233.00	1.50	S039563	0.221	1.25	217	16.6	222
236.00       237.50       1.50       S039566       0.388       1.42       292       15.4       385         237.50       239.00       1.50       S039567       0.221       1.08       179       14.8       289         239.00       240.50       1.50       S039568       0.289       1.29       228       19.2       653         240.50       242.00       1.50       S039569       0.224       0.9       201       15.8       479         242.00       243.50       1.50       S039571       0.368       1.83       290       25.1       272         243.50       245.00       1.50       S039572       0.275       1.4       246       27.4       240         245.00       246.50       1.50       S039573       0.336       1.29       212       24.6       298         246.50       248.00       1.50       S039574       0.314       1.32       184.5       19.6       203         248.00       249.50       1.50       S039575       0.356       1.16       181.5       226       280         249.50       251.00       1.50       S039575       0.356       1.16       181.5       223       3				233.00	234.50	1.50	S039564	0.254	0.95	145.5	17.1	223
237.50       239.00       1.50       S039567       0.221       1.08       179       14.8       289         239.00       240.50       1.50       S039568       0.289       1.29       228       19.2       653         240.50       242.00       1.50       S039569       0.224       0.9       201       15.8       479         242.00       243.50       1.50       S039571       0.368       1.83       290       25.1       272         243.50       245.00       1.50       S039573       0.368       1.83       290       25.1       272         245.00       246.50       1.50       S039573       0.336       1.29       212       246       248         245.00       246.50       1.50       S039574       0.314       1.32       184.5       196       203         248.00       249.50       1.50       S039575       0.356       1.16       181.5       20.2       280         249.50       251.00       1.50       S039576       0.248       1.25       235       36.5       296         251.00       252.50       1.50       S039577       0.17       0.6       127       15       424 <td></td> <td></td> <td></td> <td>234.50</td> <td>236.00</td> <td>1.50</td> <td>S039565</td> <td>0.396</td> <td>1.32</td> <td>204</td> <td>14</td> <td>235</td>				234.50	236.00	1.50	S039565	0.396	1.32	204	14	235
239.00       240.50       1.50       S039568       0.289       1.29       228       19.2       653         240.50       242.00       1.50       S039569       0.224       0.9       201       15.8       479         242.00       243.50       1.50       S039571       0.368       1.83       290       25.1       272         243.50       245.00       1.50       S039572       0.275       1.4       246       27.4       240         245.00       246.50       1.50       S039573       0.336       1.29       212       246       298         246.50       248.00       1.50       S039574       0.314       1.32       184.5       19.6       203         248.00       249.50       1.50       S039575       0.356       1.16       181.5       20.2       280         249.50       251.00       1.50       S039576       0.248       1.25       235       36.5       296         251.00       252.00       1.50       S039577       0.17       0.6       127       15       424         252.00       254.00       255.50       1.50       S039578       0.32       1.07       17.5       17.8				236.00	237.50	1.50	S039566	0.388	1.42	292	15.4	385
240.50       242.00       1.50       S039569       0.224       0.9       201       15.8       479         242.00       243.50       1.50       S039571       0.368       1.83       290       25.1       272         243.50       245.00       1.50       S039572       0.275       1.4       246       27.4       240         245.00       246.50       1.50       S039573       0.336       1.29       212       246       298         246.50       248.00       1.50       S039574       0.314       1.32       184.5       19.6       203         248.00       249.50       1.50       S039575       0.356       1.16       181.5       20.2       280         249.50       251.00       1.50       S039576       0.248       1.25       235       36.5       296         251.00       252.50       1.50       S039577       0.17       0.6       127       15       424         252.00       254.00       1.50       S039578       0.322       1.07       172.5       17.8       12         255.00       255.00       1.50       S039578       0.291       1.21       212       13.1       247 </td <td></td> <td></td> <td></td> <td>237.50</td> <td>239.00</td> <td>1.50</td> <td>S039567</td> <td>0.221</td> <td>1.08</td> <td>179</td> <td>14.8</td> <td>289</td>				237.50	239.00	1.50	S039567	0.221	1.08	179	14.8	289
242.00       243.50       1.50       \$039571       0.368       1.83       290       25.1       272         243.50       245.00       1.50       \$039572       0.275       1.4       246       27.4       240         245.00       246.50       1.50       \$039573       0.336       1.29       212       24.6       298         246.50       248.00       1.50       \$039574       0.314       1.32       184.5       19.6       203         248.00       249.50       1.50       \$039575       0.356       1.16       181.5       20.2       280         249.50       251.00       1.50       \$039576       0.248       1.25       235       36.5       296         251.00       252.50       1.50       \$039577       0.17       0.6       127       15       424         252.50       254.00       1.50       \$039578       0.322       1.07       172.5       17.8       208         254.00       255.50       1.50       \$039579       0.291       1.21       212       13.1       247         255.50       257.00       1.50       \$039581       0.282       0.93       175       11.2       20				239.00	240.50	1.50	S039568	0.289	1.29	228	19.2	653
243.50       245.00       1.50       S039572       0.275       1.4       246       27.4       240         245.00       246.50       1.50       S039573       0.336       1.29       212       24.6       298         246.50       248.00       1.50       S039574       0.314       1.32       184.5       19.6       203         248.00       249.50       1.50       S039575       0.356       1.16       181.5       20.2       280         249.50       251.00       1.50       S039576       0.248       1.25       235       36.5       296         251.00       252.50       1.50       S039577       0.17       0.6       127       15       424         252.50       254.00       1.50       S039578       0.322       1.07       172.5       17.8       208         254.00       255.50       1.50       S039579       0.291       1.21       212       13.1       247         255.50       257.00       1.50       S039581       0.282       0.93       175       11.2       208         257.00       258.50       1.50       S039582       0.217       0.78       178       11.3       23				240.50	242.00	1.50	S039569	0.224	0.9	201	15.8	479
245.00246.501.50S0395730.3361.2921224.6298246.50248.001.50S0395740.3141.32184.519.6203248.00249.501.50S0395750.3561.16181.520.2280249.50251.001.50S0395760.2481.2523536.5296251.00252.501.50S0395770.170.612715424252.50254.001.50S0395780.3221.07172.517.8208254.00255.501.50S0395790.2911.2121213.1247255.50257.001.50S0395810.2820.9317511.2208257.00258.501.50S0395820.2170.7817811.3239258.50260.001.50S0395830.1840.92889.9214260.00261.501.50S0395840.1090.3589.66.7185				242.00	243.50	1.50	S039571	0.368	1.83	290	25.1	272
246.50       248.00       1.50       S039574       0.314       1.32       184.5       19.6       203         248.00       249.50       1.50       S039575       0.356       1.16       181.5       20.2       280         249.50       251.00       1.50       S039576       0.248       1.25       235       36.5       296         251.00       252.50       1.50       S039577       0.17       0.6       127       15       424         252.50       254.00       1.50       S039578       0.322       1.07       172.5       17.8       208         254.00       255.50       1.50       S039579       0.291       1.21       212       13.1       247         255.50       257.00       1.50       S039581       0.282       0.93       175       11.2       208         257.00       258.50       1.50       S039582       0.217       0.78       178       11.3       239         258.50       260.00       1.50       S039583       0.184       0.9       288       9.9       214         260.00       261.50       1.50       S039584       0.109       0.35       89.6       6.7       185				243.50	245.00	1.50	S039572	0.275	1.4	246	27.4	240
248.00       249.50       1.50       S039575       0.356       1.16       181.5       20.2       280         249.50       251.00       1.50       S039576       0.248       1.25       235       36.5       296         251.00       252.50       1.50       S039577       0.17       0.6       127       15       424         252.50       254.00       1.50       S039578       0.322       1.07       172.5       17.8       208         254.00       255.50       1.50       S039579       0.291       1.21       212       13.1       247         255.50       257.00       1.50       S039581       0.282       0.93       175       11.2       208         257.00       258.50       1.50       S039582       0.217       0.78       178       11.3       239         258.50       260.00       1.50       S039583       0.184       0.9       288       9.9       214         260.00       261.50       1.50       S039584       0.109       0.35       89.6       6.7       185				245.00	246.50	1.50	S039573	0.336	1.29	212	24.6	298
249.50       251.00       1.50       S039576       0.248       1.25       235       36.5       296         251.00       252.50       1.50       S039577       0.17       0.6       127       15       424         252.50       254.00       1.50       S039578       0.322       1.07       172.5       17.8       208         254.00       255.50       1.50       S039579       0.291       1.21       212       13.1       247         255.50       257.00       1.50       S039581       0.282       0.93       175       11.2       208         257.00       258.50       1.50       S039582       0.217       0.78       178       11.3       239         258.50       260.00       1.50       S039583       0.184       0.9       288       9.9       214         260.00       261.50       1.50       S039584       0.109       0.35       89.6       6.7       185				246.50	248.00	1.50	S039574	0.314	1.32	184.5	19.6	203
251.00       252.50       1.50       \$039577       0.17       0.6       127       15       424         252.50       254.00       1.50       \$039578       0.322       1.07       172.5       17.8       208         254.00       255.50       1.50       \$039579       0.291       1.21       212       13.1       247         255.50       257.00       1.50       \$039581       0.282       0.93       175       11.2       208         257.00       258.50       1.50       \$039582       0.217       0.78       178       11.3       239         258.50       260.00       1.50       \$039583       0.184       0.9       288       9.9       214         260.00       261.50       1.50       \$039584       0.109       0.35       89.6       6.7       185				248.00	249.50	1.50	S039575	0.356	1.16	181.5	20.2	280
252.50       254.00       1.50       S039578       0.322       1.07       172.5       17.8       208         254.00       255.50       1.50       S039579       0.291       1.21       212       13.1       247         255.50       257.00       1.50       S039581       0.282       0.93       175       11.2       208         257.00       258.50       1.50       S039582       0.217       0.78       178       11.3       239         258.50       260.00       1.50       S039583       0.184       0.9       288       9.9       214         260.00       261.50       1.50       S039584       0.109       0.35       89.6       6.7       185				249.50	251.00	1.50	S039576	0.248	1.25	235	36.5	296
254.00       255.50       1.50       S039579       0.291       1.21       212       13.1       247         255.50       257.00       1.50       S039581       0.282       0.93       175       11.2       208         257.00       258.50       1.50       S039582       0.217       0.78       178       11.3       239         258.50       260.00       1.50       S039583       0.184       0.9       288       9.9       214         260.00       261.50       1.50       S039584       0.109       0.35       89.6       6.7       185				251.00	252.50	1.50	S039577	0.17	0.6	127	15	424
255.50       257.00       1.50       S039581       0.282       0.93       175       11.2       208         257.00       258.50       1.50       S039582       0.217       0.78       178       11.3       239         258.50       260.00       1.50       S039583       0.184       0.9       288       9.9       214         260.00       261.50       1.50       S039584       0.109       0.35       89.6       6.7       185			_	252.50	254.00	1.50	S039578	0.322	1.07	172.5	17.8	208
257.00258.501.50S0395820.2170.7817811.3239258.50260.001.50S0395830.1840.92889.9214260.00261.501.50S0395840.1090.3589.66.7185				254.00	255.50	1.50	S039579	0.291	1.21	212	13.1	247
258.50       260.00       1.50       S039583       0.184       0.9       288       9.9       214         260.00       261.50       1.50       S039584       0.109       0.35       89.6       6.7       185				255.50	257.00	1.50	S039581	0.282	0.93	175	11.2	208
260.00 261.50 1.50 S039584 0.109 0.35 89.6 6.7 185				257.00	258.50	1.50	S039582	0.217	0.78	178	11.3	239
				258.50	260.00	1.50	S039583	0.184	0.9	288	9.9	214
261.50				260.00	261.50	1.50	S039584	0.109	0.35	89.6	6.7	185
			_	261.50	263.00	1.50	S039585	0.35	0.7	132	14.8	236





Hole:	BR-122									
From (m) To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		263.00	264.50	1.50	S039586	0.312	0.73	161	14.6	220
		264.50	266.00	1.50	S039587	0.208	0.59	119	19.3	265
		266.00	267.50	1.50	S039588	0.23	0.97	136.5	10.5	182
		267.50	269.00	1.50	S039589	0.333	0.94	172.5	16.1	149
		269.00	270.50	1.50	S039591	0.33	0.93	268	12.7	169
		270.50	272.00	1.50	S039592	0.433	0.76	253	17.2	175
		272.00	273.50	1.50	S039593	0.426	0.84	193	22.8	185
		273.50	275.00	1.50	S039594	0.387	0.75	207	30.9	190
		275.00	276.50	1.50	S039595	0.501	1.21	187.5	37.7	294
		276.50	278.00	1.50	S039596	0.181	0.82	165.5	22.8	175
		278.00	279.18	1.18	S039597	0.196	0.53	196.5	25.3	228

End of Hole @ 279.18





Project: Bowser Regional

Hole: BR-123

**Prospect:** Hanging Glacier **Survey Type:** Logged By: **Hole Type: DGPS** cniddery DDS **UTM Grid:** UTM83-9 Survey By: **Date Started:** 9/2/2020 **Core Size:** HQ 424946.235 9/4/2020 **Casing Pulled? UTM East:** Azimuth: **Date Completed: Drill Company:** Casing Depth (m): **UTM North:** 6260995.022 Dip: HyTech UTM Elevation (m): 215.78 **Drill Rig:** Marked? 1350.993 Length (m): Н3 9/1/2020 **Hole Purpose: Drill Started:** Surveyed? Expl Local Grid: **Drill Target: Drill Completed:** 9/3/2020 Water Production: NO **Local East:** Water Type: Comments: **Local North:** Katie Gibson took over hole from Chad Niddery at 187.12 Water Depth (m): Local Elevation (m): **Structure Type:** 

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	1stREFLEX	9/1/2020	-64.7	211.1	19.5	230.6	55275	<b>✓</b>	
22.9	REFLEX	9/1/2020	-64.7	211.1	19.5	230.6	55275	✓	Driller: "was told to go 9min to good rock before doing test instead of 9m past casing. Would have been a bad time doing it past casing"
73.9	REFLEX	9/1/2020	-65	211.5	19.5	231	54945	<b>✓</b>	
136.9	REFLEX	9/2/2020	-65.4	211	19.5	230.5	55036	<b>✓</b>	"Test was supposed to be @124.9m. I did it here because the rock wasn't good enough till here".
187.9	REFLEX	9/2/2020	-65.5	211.6	19.5	231.1	55017	<b>✓</b>	
214.9	REFLEX	9/3/2020	-65.4	212.1	19.5	231.6	55035	<b>✓</b>	





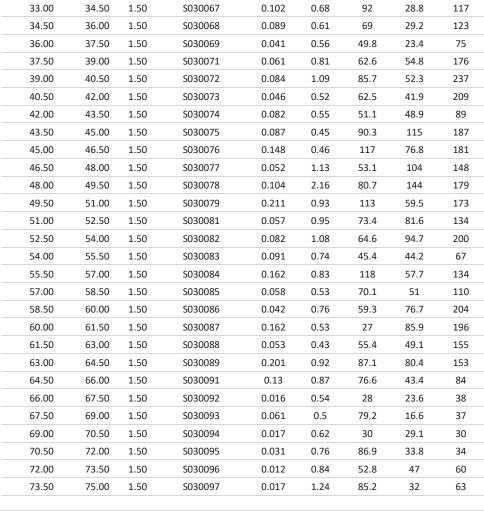
Hole: BR-1	.23											
From (m) To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<b>0.00 7.90 OVB</b> 0 - 7.9: OVB	overburden		NR									
< <min: -="" 0="" 7.9:="" nothing="" recorded<="" td=""><td>d&gt;&gt; OVB</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	d>> OVB											
< <min: -="" 0="" 7.9:="" not="" recorded="" td="" unm<=""><td>ineralized Zone&gt;&gt; OVB</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	ineralized Zone>> OVB											
< <alt: -="" 0="" 7.9:="">&gt; OVB</alt:>												
				7.90	10.90	3.00	S030051	0.251	0.55	123	47.1	304
7.90 102.00 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	greenish grey	V-fsh	10.90	13.90	3.00	S030052	0.195	0.57	105.5	34	176
dark green chl altered clasts/py hal hroughout. Moderately developed a and qz-cal-py veins and veinlets. W nalo's around clasts.	the bedded ash tuff. Beds range up too <3cm wide o's. Strong sil alteration with weaker chl-ser alteration with weaker chl-ser alteration to the control of	ation and trace carb perva 0-70.74m). Trace amounts disseminations, blebs, strii	sive s of qz-cal ngers, and	13.90	15.00	1.10	S030053	0.167	0.84	160	47.2	192
< <alt: -="" 157:="" 7.9="" moderate="" strop<="" td="" to=""><td>ng silica / weak to moderate sericite / weak chlori with weaker ser-chl and trace carb alt pervasive</td><td></td><td>ters clasts</td><td>15.00</td><td>16.50</td><td>1.50</td><td>S030054</td><td>0.267</td><td>0.84</td><td>189.5</td><td>53.1</td><td>335</td></alt:>	ng silica / weak to moderate sericite / weak chlori with weaker ser-chl and trace carb alt pervasive		ters clasts	15.00	16.50	1.50	S030054	0.267	0.84	189.5	53.1	335
< <vein: -="" 29.17="" 40.5:="" <1.0="" quartz-<br="">py blebs.</vein:>	calcite-pyrite>> Trace amounts of qz-cal-py ve	ins hosting trace amounts	of anhedral	16.50	18.00	1.50	S030055	0.218	0.38	63	41.3	365
< <vein: -="" 43.7="" 43.9:="" 5.0-10.0%="" qu<="" td=""><td>artz-calcite-pyrite&gt;&gt;    Qz-cal-py vein hosting a d</td><td>lark grey very fine grained</td><td>py.</td><td>18.00</td><td>19.50</td><td>1.50</td><td>S030056</td><td>0.232</td><td>0.31</td><td>59.5</td><td>35.3</td><td>107</td></vein:>	artz-calcite-pyrite>>    Qz-cal-py vein hosting a d	lark grey very fine grained	py.	18.00	19.50	1.50	S030056	0.232	0.31	59.5	35.3	107
< <vein: -="" 73.33="" 82.5:="" <1.0="" quartz-<br="">py blebs.</vein:>	calcite-pyrite>> Trace amounts of qz-cal-py ve	ins hosting trace amounts	of anhedral	19.50	21.00	1.50	S030057	0.435	0.55	123	43.7	155
< <struc: -="" 43.9="" 51.77:="" moderately<="" td=""><td>developed fault zone 50 deg. &gt;&gt; Moderately de</td><td>evloped fault zone.</td><td></td><td>21.00</td><td>22.50</td><td>1.50</td><td>S030058</td><td>0.191</td><td>0.56</td><td>99.9</td><td>36.8</td><td>121</td></struc:>	developed fault zone 50 deg. >> Moderately de	evloped fault zone.		21.00	22.50	1.50	S030058	0.191	0.56	99.9	36.8	121
< <struc: -="" 62.8="" 70.74:="" moderately<="" td=""><td>developed fault zone 40 deg. &gt;&gt; Moderately de</td><td>evloped fault zone.</td><td></td><td>22.50</td><td>24.00</td><td>1.50</td><td>S030059</td><td>0.09</td><td>0.43</td><td>59</td><td>42.9</td><td>170</td></struc:>	developed fault zone 40 deg. >> Moderately de	evloped fault zone.		22.50	24.00	1.50	S030059	0.09	0.43	59	42.9	170
				24.00	25.50	1.50	S030061	0.154	0.54	104.5	47.9	216
				25.50	27.00	1.50	S030062	0.292	0.65	133	47.4	208
				27.00	28.50	1.50	S030063	0.197	0.62	82.9	41.5	197
				28.50	30.00	1.50	S030064	0.094	0.44	39.6	44.3	615
				30.00	31.50	1.50	S030065	0.137	0.71	126	48.5	138





Hole: BR-123

Pb Best From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 31.50 33.00 1.50 S030066 0.087 0.55 59.1 32 93







Hole: BR-	123											
From (m) To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				75.00	76.50	1.50	S030098	0.01	0.97	16.2	54.5	41
				76.50	78.00	1.50	S030099	0.019	1.51	21.8	717	613
				78.00	79.50	1.50	S030101	0.025	0.93	129.5	27	46
				79.50	81.00	1.50	S030102	0.036	1.02	148.5	94.5	153
				81.00	82.50	1.50	S030103	0.085	1.54	106	69.1	326
				82.50	84.00	1.50	S030104	0.124	1.06	62	66.6	180
				84.00	85.50	1.50	S030105	0.129	0.63	106	51	275
				85.50	87.00	1.50	S030106	0.211	1.19	122	63.7	337
				87.00	88.50	1.50	S030107	0.166	0.59	92.8	22.7	187
				88.50	90.00	1.50	S030108	0.233	1.01	176	17.7	232
				90.00	91.50	1.50	S030109	0.14	0.55	74.1	23.2	174
				91.50	93.00	1.50	S030111	0.209	0.85	146	31.1	147
				93.00	94.50	1.50	S030112	0.279	0.71	79.4	32.3	107
				94.50	96.00	1.50	S030113	0.244	0.51	80	30.3	146
				96.00	97.50	1.50	S030114	0.192	0.59	87.6	46.7	168
				97.50	99.00	1.50	S030115	0.183	0.55	83.2	32.1	127
				99.00	100.50	1.50	S030116	0.137	0.6	84.1	35.2	109
				100.50	102.00	1.50	S030117	0.158	0.67	46.4	77.2	199
102.00 174.00 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	greenish grey	V-fsh	102.00	103.50	1.50	S030118	0.142	0.43	42.1	204	630
dark green chl altered clasts/py ha	liate bedded ash tuff. Beds range up too <10cm w alo's. Strong sil alteration with weaker chl-ser altera ecome a coarse ash tuff at approx 160m.	ide with sub meter intervation and trace carb perv	als of sparse asive									
	intervals (107.53-131.40m) and (160.79-168.95m) ints of anhedral py (2%) displayed as; dissemination											
< <alt: -="" 157="" 175:="" alteration="" moder="" pervasive="" td="" throughout.<="" to="" weak=""><td>ate chlorite / weak sericite&gt;&gt; Bottom of fault has</td><td>weak to mod chl with we</td><td>eaker ser</td><td>103.50</td><td>105.00</td><td>1.50</td><td>S030119</td><td>0.2</td><td>0.58</td><td>61</td><td>45</td><td>139</td></alt:>	ate chlorite / weak sericite>> Bottom of fault has	weak to mod chl with we	eaker ser	103.50	105.00	1.50	S030119	0.2	0.58	61	45	139





Hole:	BR-123
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From (m) To (m) Rock Type & Description	From (m)	To (m) Lo	ength Sample#	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <vein: -="" 1.0-5.0%="" 111.95="" 133.6:="" quartz-calcite="">&gt; Trace amounts of qz-cal veins with vuggy/brecciated textures. No observable sulphides.</vein:>	105.00	106.50	1.50 S030121	0.371	1.04	202	54.8	177
<< Vein: 136.27 - 152: 1.0-5.0% quartz-calcite-pyrite>> Weak amounts of qz-cal-py and qz-cal veins and veinlets. Qz-cal-py veins host trace amounts of anhedral py and py blebs.	106.50	108.00	1.50 S030122	0.294	0.66	124.5	41	146
< <vein: -="" 170.41="" 175.5:="" <1.0="" quartz-calcite-pyrite="">&gt; Trace amounts of brecciated qz-cal and qz-cal-py veins and veinlets. Qz-cal-py veins host trace amounts of anhedral py.</vein:>	108.00	109.50	1.50 S030123	0.279	1.19	105.5	42.7	167
< <struc: -="" 107.53="" 131.4:="" 60="" deg.="" developed="" fault="" strongly="" zone="">&gt; Strongly developed fault zone.</struc:>	109.50	111.00	1.50 S030124	0.131	0.47	18.8	73.8	229
< <struc: -="" 160.79="" 168.95:="" 60="" deg.="" developed="" fault="" strongly="" zone="">&gt; Strongly developed fault zone.</struc:>	111.00	112.50	1.50 S030125	0.372	0.67	179	23.7	354
	112.50	114.00	1.50 S030126	0.223	0.46	169.5	4.8	389
	114.00	115.50	1.50 S030127	0.615	0.46	456	5.6	304
	115.50	117.00	1.50 S030128	0.212	0.42	66.3	25.7	112
	117.00	118.50	1.50 S030129	0.138	0.21	32.7	22.1	95
	118.50	120.00	1.50 S030131	0.203	0.29	44.7	41.7	137
	120.00	121.50	1.50 S030132	0.225	0.54	73.6	146	405
	121.50	123.00	1.50 S030133	0.185	3.17	70.8	50.3	214
	123.00	124.50	1.50 S030134	0.642	1.14	344	6.8	534
	124.50	126.00	1.50 S030135	0.576	6.69	1260	22.2	482
	126.00	127.50	1.50 S030136	0.258	0.93	173	12.6	151
	127.50	129.00	1.50 S030137	0.357	1.57	377	7.1	147
	129.00	130.50	1.50 S030138	0.164	0.3	84.1	9.2	105
	130.50	132.00	1.50 S030139	0.072	0.2	29.8	6.8	70
	132.00	133.50	1.50 S030141	0.326	1.33	138.5	18.9	93
	133.50	135.00	1.50 S030142	0.575	1.98	197.5	29.1	101
	135.00	136.50	1.50 S030143	0.423	1.63	164.5	25.9	99
	136.50	138.00	1.50 S030144	0.134	1	95.8	23.4	70
	138.00	139.50	1.50 S030145	0.805	1.06	27.4	44.4	83
	139.50	141.00	1.50 S030146	0.203	0.89	44	42.7	73
	141.00	142.50	1.50 S030147	0.381	1.3	137	18.9	91
	142.50	144.00	1.50 S030148	0.278	1.3	119	22.4	88
	144.00	145.50	1.50 S030149	0.209	1.09	84.1	20.3	90





Hole:	BR-123											
From (m) To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				145.50	147.00	1.50	S030151	0.187	1.03	82.4	22.3	65
				147.00	148.50	1.50	S030152	0.181	0.55	47.8	25.1	99
				148.50	150.00	1.50	S030153	0.245	0.96	107.5	25.6	114
				150.00	151.50	1.50	S030154	0.256	1.08	71.3	38.1	133
				151.50	153.00	1.50	S030155	0.262	1.08	154.5	32.7	161
				153.00	154.50	1.50	S030156	0.146	0.49	51	29.6	169
				154.50	156.00	1.50	S030157	0.362	0.49	30	26.3	105
				156.00	157.50	1.50	S030158	0.099	0.28	28.9	16.1	127
				157.50	159.00	1.50	S030159	0.278	0.41	41.8	17.6	132
				159.00	160.50	1.50	S030161	0.279	0.54	48.7	28.2	87
				160.50	162.00	1.50	S030162	0.212	0.37	22.9	32.7	110
				162.00	163.50	1.50	S030163	0.156	0.28	26.3	27	83
				163.50	165.00	1.50	S030164	0.219	0.53	77.9	31.3	85
				165.00	166.50	1.50	S030165	0.324	0.46	77.3	26.4	96
				166.50	168.00	1.50	S030166	0.269	0.39	57.5	26.9	107
				168.00	169.50	1.50	S030167	0.287	0.41	76.6	24.6	88
				169.50	171.00	1.50	S030168	0.168	0.67	97	21.6	108
				171.00	172.50	1.50	S030169	0.187	0.59	109.5	30.8	103
				172.50	174.00	1.50	S030171	0.278	0.53	112	24.9	103
174.00 215.78 V	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	dark grey	V-csh	174.00	175.50	1.50	S030172	0.305	0.54	109	29.2	129
alteration pervasive throug (184.20m) hosting weak m	termediate lapilli tuff. Lapilli range up too <4cm (25%). Whout. Trace amounts of qz-cal veins and veinlets with or ounts of gn (2%) and trace sph. Vein is at the top of a st of anhedral py (2%) appearing as; disseminations, blebs	ne 6cm wide brecciate rongly developed fault	d qz-BMS vein at									
moderate amounts of anh	-5.0% pyrite / 2.0-5.0% pyrite / 0.5-2.0% pyrite / <0.5% g ledral dark grey py appearing as; disseminations, stringe 4.23m). Some areas as high as 10% mineralization.			175.50	177.00	1.50	S030173	0.414	0.68	41.9	98.1	1260
	te silica / weak to moderate sericite>> Mod to strong s			177.00	178.50	1.50	S030174	0.249	0.49	26.2	70.2	512





Hole:	BR-123
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From (m)	To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
	213.3: weak to moderate sericite / weak to moderate silica / weak carbonate>> Moderate ser alteration proughout with mod sil alteration pervasive throughout clasts. Weakly carbonaceous matrix.	178.50	180.00	1.50	S030175	0.164	1.59	58.9	147.5	1160
throughout w	8 - 215.78: weak to moderate sericite / weak to moderate silica>> Moderate ser alteration pervasive with mod sil alteration pervasive throughout clasts. Colour changes to light grey due to sericite alteration and halos around veins.	180.00	181.50	1.50	S030176	0.113	0.37	9.4	117.5	232
	4.23 - 184.5: 1.0-5.0% quartz-base metal sulphides>> Brecciated qz-BMS vein 5cm wide hosting weak gn (3%) with trace sph.	181.50	183.00	1.50	S030177	0.149	2.63	85.5	44	96
< <vein: 192.<br="">in vein selva</vein:>	2.45 - 203.65: 1.0-5.0% quartz-calcite>> Planar qz-cal veins 1-5cm wide, minimal amounts of mineralization ages.	183.00	184.50	1.50	S030178	0.24	1.21	52	427	272
< <struc: 184<="" td=""><td>4.43 - 187.9: strongly developed fault zone 60 deg. &gt;&gt; Strongly developed fault zone. Gouge at 187.8m.</td><td>184.50</td><td>186.00</td><td>1.50</td><td>S030179</td><td>0.102</td><td>0.56</td><td>108.5</td><td>61.1</td><td>97</td></struc:>	4.43 - 187.9: strongly developed fault zone 60 deg. >> Strongly developed fault zone. Gouge at 187.8m.	184.50	186.00	1.50	S030179	0.102	0.56	108.5	61.1	97
< <struc: 189<="" td=""><td>9.4 - 194.5: weakly developed fault zone&gt;&gt; Weakly developed fault zone</td><td>186.00</td><td>187.50</td><td>1.50</td><td>S030181</td><td>0.022</td><td>0.23</td><td>93.9</td><td>53.5</td><td>71</td></struc:>	9.4 - 194.5: weakly developed fault zone>> Weakly developed fault zone	186.00	187.50	1.50	S030181	0.022	0.23	93.9	53.5	71
< <struc: 203="" 208.9m.<="" td=""><td>3.6 - 208.9: moderately developed fault zone&gt;&gt; Moderately developed fault zone, strongly gouged at</td><td>187.50</td><td>189.00</td><td>1.50</td><td>S030182</td><td>0.098</td><td>0.23</td><td>113.5</td><td>49.1</td><td>79</td></struc:>	3.6 - 208.9: moderately developed fault zone>> Moderately developed fault zone, strongly gouged at	187.50	189.00	1.50	S030182	0.098	0.23	113.5	49.1	79
< <struc: 215<="" td=""><td>5.5 - 215.78: strongly developed fault zone&gt;&gt; Strong fault gouge to EOH</td><td>189.00</td><td>190.50</td><td>1.50</td><td>S030183</td><td>0.055</td><td>0.24</td><td>108</td><td>49.6</td><td>72</td></struc:>	5.5 - 215.78: strongly developed fault zone>> Strong fault gouge to EOH	189.00	190.50	1.50	S030183	0.055	0.24	108	49.6	72
		190.50	192.00	1.50	S030184	0.016	0.17	86.3	43.6	67
		192.00	193.50	1.50	S030185	0.008	0.21	106.5	46.7	61
		193.50	195.00	1.50	S030186	0.006	0.21	103	45.1	57
		195.00	196.50	1.50	S030187	0.002	0.22	95.3	37.8	58
		196.50	198.00	1.50	S030188	0.011	0.27	110	38.3	51
		198.00	199.50	1.50	S030189	0.006	0.24	91.1	33.9	59
		199.50	201.00	1.50	S030191	0.006	0.23	71.3	28.7	53
		201.00	202.50	1.50	S030192	0.006	0.28	84	22	49
		202.50	204.00	1.50	S030193	0.005	0.25	90.7	17.1	49
		204.00	205.50	1.50	S030194	0.005	0.2	87.3	24.2	51
		205.50	207.00	1.50	S030195	0.006	0.26	85.5	21.1	44
		207.00	208.50	1.50	S030196	0.006	0.2	76.5	17.7	52
		208.50	210.00	1.50	S030197	0.002	0.31	82.6	18.6	64
		210.00	211.50	1.50	S030198	0.006	0.31	91.6	14.7	64
		211.50	213.00	1.50	S030199	0.008	0.33	88.7	15.4	73
		213.00	214.50	1.50	S030201	0.006	0.33	81.8	16.3	75
		214.50	215.78	1.28	S030202	0.013	0.41	91.3	24.2	57





Hole:	BR-123	
From (m) To (m)	Rock Type & Description	From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best ppm ppm ppm ppm ppm

End of Hole @ 215.78





Project: Bowser Regional

Prospect:	Hanging Glacier	Survey Type:	DGPS	Logged By:	kgibson	Hole Type:	DDS
UTM Grid:	UTM83-9	Survey By:		Date Started:	9/5/2020	Core Size:	HQ
UTM East:	424784.55	Azimuth:		Date Completed:	9/6/2020	Casing Pulled?	
UTM North:	6260861.169	Dip:		<b>Drill Company:</b>	HyTech	Casing Depth (m):	
UTM Elevation (m):	1301.478	Length (m):	229.5	Drill Rig:	Н3	Marked?	
Local Grid:		Hole Purpose:	Expl	Drill Started:	9/4/2020	Surveyed?	
Local East:		Drill Target:		<b>Drill Completed:</b>	9/5/2020	Water Production:	NO
Local North:		Comments:				Water Type:	
Local Elevation (m):						Water Depth (m):	
						Structure Type:	

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Comments Values?
0	1stREFLEX	9/4/2020	-58.1	196.6	19.5	216.1	55623	
19.5	REFLEX	9/4/2020	-58.1	196.6	19.5	216.1	55623	✓
70.5	REFLEX	9/4/2020	-58.1	197.9	19.5	217.4	55083	
121.5	REFLEX	9/4/2020	-58.4	199.4	19.5	218.9	54930	
172.5	REFLEX	9/5/2020	-58.5	200	19.5	219.5	55078	✓
223.5	REFLEX	9/5/2020	-58.8	200.5	19.5	220	55081	✓





Hole:		BR-12	25											
From (m)	To (m)		Rock Type & Descript	ion		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	7.40	OVB	overburden		NR									
0 - 7.4: Ove	rburden of sa	ame lithology	, very oxidized fracture surface a	nd drillers block up to this point reads "	recovery loss"									
anhedral m	ottled replac	ement, with		5-2.0% pyrite>> Pyrite appearing primusubhedral fractures, and subhedral/anh lization.										
to moderat	e pervasive s a very mottle	silicification,	with localized strong silicification.	erate chlorite / weak to moderate epide Patchy sericite, chlorite, and epidote a re chlorite/sericite/epidote halos, or are	Iteration									
					_	7.40	9.00	1.60	S030251	0.116	1	120.5	90.5	265
7.40	229.50	V8	Mafic volcanic rocks andesite, basalt; sili content 45-57%)	(basaltic- blueish green ca	V-lp	9.00	10.50	1.50	S030252	0.107	1.08	141	89.7	263
to 15cm in le Clasts can b crystals up t	ength and a for se well-define so 4mm wide	fine grained a ed or very ob appear with	ash matrix. Very mottled textures scured by alteration (particularly	ictic rounded to angular lapilli ranging f with patchy chlorite, epidote, and seric from 145-170m). Square chlorite- or py silica alteration is moderate, but increa	ite alteration. rite-altered									
dissemination fracture con between cla	ons, dissemir trolled replac st- and matri	nated in class cement. The x-replaced u	ts, matrix replacement, stringers, primary replacement mode is mo	pyrite appearing as clast replacement, vein bands, vein selvages, blebs in vei ttled until the fault at 65.5m, after which are dark grey brecciated veins with pyrne bottom of the hole.	it alternates									
EOH														
	nt, with mottle			Pyrite mostly appearing as anhedral lings. Anhedral pyrite is dark in colour.		10.50	11.00	0.50	S030253	0.087	1.02	113.5	88.8	232
matrix repla around the	acement or s m (see photo	ometimes cl os). Large 10	ast replacement, but usually not	Pyrite appearing either as mostly a both at the same time. Some clasts have a pyrite at 87.4m, and high concentration.	e pyrite halos	11.00	12.00	1.00	S030254	0.103	1.06	115	138.5	351





Hole:		BR-125									
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
compared t	to prior unit	.0-5.0% pyrite / 2.0-5.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite>> Lower concentration (likely due to decrease in lapilli abundance), with clast and matrix replaced pyrite in addition to all pyrite is dark in colour. 3% overall mineralization.	12.00	13.00	1.00	S030255	0.112	0.95	98.1	163.5	556
anhedral ar and selvage	nd light sub es in the ve	: 2.0-5.0% pyrite / 2.0-5.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite >> Dark hedral pyrite mostly associated with fractures and brecciated veins, appearing as blebs, bands, eins. Some pyrite clast replacement, but not as much as prior intervals. Sparse blebs of iron-rich overall mineralization.	13.00	14.00	1.00	S030256	0.177	1.19	116.5	58	236
appearing i	n fractures	: 2.0-5.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite / traces sphalerite>> Pyrite primarily (subhedral with anhedral halos) and euhedral disseminations. Some clasts replaced by subhedral e blebs. 4% overall mineralization.	14.00	15.00	1.00	S030257	0.206	1.37	74.8	51.7	554
	tervals (2%	0.5-2.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite>> Less mineralization than ), mostly in the form of clast replacement, with mottled replacement, anherdal disseminations, and tings.	15.00	16.00	1.00	S030258	0.141	1.1	90.7	114	378
		to moderate silica / weak sericite / weak to moderate chlorite / weak to moderate epidote / weak as above unit, with pervasive weak carbonate alteration likely associated with the fault zone	16.00	17.00	1.00	S030259	0.141	0.93	62.2	57.2	325
pervasive s very mottle	silicification, d texture th	o moderate silica / weak sericite / weak chlorite / weak to moderate epidote>> Weak to moderate with localized strong silicification. Patchy weak sericite, chlorite, and epidote alteration lending to a roughout the unit. Some clasts have chlorite/sericite/epidote halos, or are replaced by pyrite.	17.00	18.00	1.00	S030261	0.137	1.69	75.5	62.4	236
moderate p Patchy mod mottled text	pervasive si derate epide ture throug	to moderate silica / weak sericite / moderate epidote / weak carbonate / trace clay>> Weak to licification, with localized strong silicification. Pinkification (clay alteration?) from 79.0-81.5m. ote alteration in either the clast or matrix (but usually not both at the same time) lending to a very hout the unit. Patchy weak sericite alteration. Pyrite appears as replacement in clasts, matrix, and nd clasts. Weak patchy carbonate alteration in clasts.	18.00	19.50	1.50	S030262	0.16	1.14	120.5	55.3	266
to moderate the clast or pervasive c	e pervasive matrix (but chlorite atle	k to moderate sericite / weak silica / moderate epidote / trace carbonate / trace chlorite>> Weak sericite alteration and weak pervasive silicification. Patchy moderate epidote alteration in either usually not both at the same time) lending to a very mottled texture throughout the unit. Trace ration. Pyrite appears as replacement in clasts, matrix, and sometimes halos around clasts. Weak ation in clasts.	19.50	21.00	1.50	S030263	0.104	1.12	105.5	66.5	460
pervasive s	sericite alter	k to moderate sericite / weak silica / trace chlorite / trace carbonate>> Weak to moderate ration and weak pervasive silicification. Trace pervasive chlorite atleration. Pyrite appears as matrix, and sometimes halos around clasts. Weak patchy carbonate alteration in clasts.	21.00	22.50	1.50	S030264	0.172	1.34	149.5	49.9	667
moderate p	ervasive se	veak to moderate sericite / weak silica / weak to moderate carbonate / trace chlorite>> Weak to ericite alteration and weak pervasive silicification. Trace pervasive chlorite atleration. Pyrite ent in clasts, matrix, and sometimes halos around clasts. Weak to moderate pervasive carbonate	22.50	24.00	1.50	S030265	0.234	1.25	162.5	58.3	274







Hole:	BR-125
illoie.	DK-172

From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <alt: -="" 139.65="" 149.54:="" carbonate="" chlorite="" epidote="" moderate="" sericite="" silica="" to="" trace="" weak="">&gt; Weak to moderate pervasive sericite alteration (sometimes creating light patches or halos around fractures) and weak pervasive silicification. Trace fracture controlled chlorite atleration. Mottled pyrite and weak to moderate pervasive carbonate alteration. Weak to moderate epidote alteration in clasts.</alt:>	24.00	25.50	1.50	S030266	0.183	1.33	154.5	340	856
< <alt: -="" 149.54="" 151:="" carbonate="" chlorite="" moderate="" sericite="" silica="" to="" weak="">&gt; Weak to moderate pervasive sericite alteration (sometimes creating light patches or halos around fractures) and weak pervasive silicification. Weak to moderate pervasive chlorite atleration in lapilli clasts and crystals. Mottled pyrite and weak to moderate pervasive carbonate alteration.</alt:>	25.50	27.00	1.50	S030267	0.186	1.16	122.5	91	350
< <alt: -="" 151="" 224:="" chlorite="" moderate="" sericite="" silica="" to="" weak="">&gt; Weak to moderate pervasive sericite alteration (sometimes creating light patches or halos around fractures) and weak pervasive silicification. Weak to moderate pervasive chlorite atleration in lapilli clasts and crystals. Mottled pyrite replacement.</alt:>	27.00	28.50	1.50	S030268	0.183	1.34	172	107.5	824
< <alt: -="" 224="" 226.2:="" carbonate="" chlorite="" moderate="" sericite="" silica="" to="" weak="">&gt; Weak to moderate pervasive sericite alteration (sometimes creating light patches or halos around fractures) and weak pervasive silicification. Weak to moderate pervasive chlorite atleration in lapilli clasts and crystals. Mottled pyrite replacement. Pervasive carbonate alteration.</alt:>	28.50	30.00	1.50	S030269	0.326	1.19	134.5	61.6	330
< <alt: -="" 226.2="" 229.5:="" chlorite="" moderate="" sericite="" silica="" to="" weak="">&gt; Weak to moderate pervasive sericite alteration (sometimes creating light patches or halos around fractures) and weak pervasive silicification. Weak to moderate pervasive chlorite atleration in lapilli clasts and crystals. Mottled pyrite replacement.</alt:>	30.00	31.50	1.50	S030271	0.132	1.6	184.5	84.9	1490
< <vein: -="" 1.0-5.0%="" 138.8:="" 7.4="" quartz-calcite="">&gt; Low angle wispy qz-cal veins and veinlets up to 3cm wide with sparse high angle planar qz-cal veins, sometimes with host rock fragments. Generally unmineralized, but sometimes with pyrite vein selvages. No consistent angle in the wispy veins, but the planar veins are usually around 75 degrees.</vein:>	31.50	33.00	1.50	S030272	0.135	1.32	170	103.5	1700
< <vein: -="" 1.0-5.0%="" 138.8="" 170.13:="" quartz-calcite-pyrite="">&gt; Weakly brecciated dark grey to white qz-cal-py veins up to 30cm wide with pyrite vein selvages, blebs, or large clots up to 4cm wide ranging from euhedral to anhedral. Small fractures filled with dark anhedral pyrite where sericite-altered (light-coloured host rock). Veins also contain small blebs of sphalerite and possible traces of silver (refer to XRF analysis). Typically dipping at around 30-35 degrees.</vein:>	33.00	34.50	1.50	S030273	0.158	1.12	128	83.1	344
< <vein: -="" 1.0-5.0%="" 170.13="" 229.5:="" quartz-calcite="">&gt; Low angle wispy qz-cal veins and veinlets up to 3cm wide with sparse high angle planar qz-cal veins, sometimes with host rock fragments. Generally unmineralized, but sometimes with pyrite vein selvages. Generally dipping at a low angle (10-20 degrees) to 197m and around 50-60 degrees thereafter. Two dark grey brecciated veins at 224.13 and 225.7m.</vein:>	34.50	36.00	1.50	S030274	0.174	1.45	167.5	83.3	381
< <struc: -="" 41="" 42.2:="" developed="" sheared="" strongly="">&gt; Shear zone, fault gouge at 41.8m</struc:>	36.00	37.50	1.50	S030275	0.164	0.84	71	90.8	790
< <struc: -="" 64.35="" 66.4:="" developed="" fault="" strongly="" zone="">&gt; Strongly developed fault zone, gouge at 65.6m</struc:>	37.50	39.00	1.50	S030276	0.124	0.64	46.8	68.9	829
< <struc: -="" 69="" 74.27:="" developed="" fault="" moderately="" zone="">&gt; Moderately developed fault zone</struc:>	39.00	40.50	1.50	S030277	0.096	0.61	37.5	51.1	396
< <struc: -="" 78.2="" 78.25:="" developed="" fault="" strongly="" zone="">&gt; Fault gouge</struc:>	40.50	42.00	1.50	S030278	0.135	1.47	116.5	82.4	578
< <struc: -="" 174.17="" 174.5:="" developed="" fault="" weakly="" zone="">&gt; Weak fault zone</struc:>	42.00	43.50	1.50	S030279	0.094	1.86	180	160.5	764



Hole:	BR-125
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From (m)	1	Го (m)			Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <struc: 1<="" td=""><td colspan="5">&lt;<struc: -="" 180.2="" 180.5:="" developed="" fault="" weakly="" zone="">&gt; Weak fz</struc:></td><td>43.50</td><td>45.00</td><td>1.50</td><td>S030281</td><td>0.151</td><td>1.1</td><td>106.5</td><td>197.5</td><td>399</td></struc:>	< <struc: -="" 180.2="" 180.5:="" developed="" fault="" weakly="" zone="">&gt; Weak fz</struc:>					43.50	45.00	1.50	S030281	0.151	1.1	106.5	197.5	399	
< <struc: 1<="" td=""><td>193.4</td><td>4 - 193</td><td>3.7: mc</td><td>derately develop</td><td>ed fault zone&gt;&gt; Moderate fault zone</td><td></td><td>45.00</td><td>46.50</td><td>1.50</td><td>S030282</td><td>0.141</td><td>1.51</td><td>115.5</td><td>199.5</td><td>693</td></struc:>	193.4	4 - 193	3.7: mc	derately develop	ed fault zone>> Moderate fault zone		45.00	46.50	1.50	S030282	0.141	1.51	115.5	199.5	693
< <struc: 2<="" td=""><td>213.</td><td>7 - 216</td><td>6.1: we</td><td>akly developed fa</td><td>ault zone&gt;&gt; Weak fault zone</td><td></td><td>46.50</td><td>48.00</td><td>1.50</td><td>S030283</td><td>0.121</td><td>0.85</td><td>78.6</td><td>194</td><td>730</td></struc:>	213.	7 - 216	6.1: we	akly developed fa	ault zone>> Weak fault zone		46.50	48.00	1.50	S030283	0.121	0.85	78.6	194	730
							48.00	49.50	1.50	S030284	0.304	1.2	154	147	394
							49.50	51.00	1.50	S030285	0.162	1.09	118.5	133	1240
							51.00	52.50	1.50	S030286	0.141	1.1	63	140.5	344
							52.50	54.00	1.50	S030287	0.076	0.94	60.4	290	710
							54.00	55.50	1.50	S030288	0.251	1.41	152.5	182	322
							55.50	57.00	1.50	S030289	0.193	1.34	124.5	282	604
							57.00	58.50	1.50	S030291	0.114	1.36	110.5	293	758
							58.50	60.00	1.50	S030292	0.177	1.8	99.9	508	912
							60.00	61.50	1.50	S030293	0.24	1.71	129	308	497
							61.50	63.00	1.50	S030294	0.274	1.31	94.9	169	326
							63.00	64.50	1.50	S030295	0.096	1.13	84.4	244	266
							64.50	66.00	1.50	S030296	0.204	1.18	101	219	660
							66.00	67.50	1.50	S030297	0.417	1.43	98.5	183	1930
							67.50	69.00	1.50	S030298	0.277	1.39	121.5	256	786
							69.00	70.50	1.50	S030299	0.204	1.32	73.1	325	1300
							70.50	72.00	1.50	S030301	0.204	0.6	38.3	37.7	920
							72.00	73.50	1.50	S030302	0.094	0.47	28.6	33.9	369
							73.50	75.00	1.50	S030303	0.279	1.07	119	33.7	440
							75.00	76.50	1.50	S030304	0.186	1.27	94.6	62.1	1450
							76.50	78.00	1.50	S030305	0.206	1.01	66.6	58.5	662
							78.00	79.50	1.50	S030306	0.537	1.72	138.5	40.3	453
							79.50	81.00	1.50	S030307	0.176	1.01	49.7	134.5	602
							81.00	82.50	1.50	S030308	0.133	1.43	121.5	162	510
							82.50	84.00	1.50	S030309	0.133	1.14	100.5	66.2	292
							84.00	85.50	1.50	S030311	0.216	1.5	171	33.5	959
							85.50	87.00	1.50	S030312	0.099	0.79	58.9	57.2	284





,	,			ppm	ppm	ppm	ppm	ppm
87.00	87.50	0.50	S030313	0.092	2.15	224	97.8	329
87.50	89.00	1.50	S030313	0.032	1.9	68.4	264	587
89.00	90.00	1.00	S030314 S030315	0.082	1.67	159.5	101	265
90.00		0.50				248		
	90.50		S030316	0.844	3.13		27.1	150
90.50	91.50	1.00	S030317	0.256	2.03	216	136	554
91.50	93.00	1.50	S030318	0.204	1.19	71.9	90	226
93.00	94.50	1.50	S030319	0.084	0.83	90.7	49	471
94.50	96.00	1.50	S030321	0.035	0.68	65.5	45.9	303
96.00	97.50	1.50	S030322	0.046	0.96	154	45.3	106
97.50	99.00	1.50	S030323	0.373	1.16	84.6	96.6	344
99.00	100.50	1.50	S030324	0.343	1.14	162	59.8	240
100.50	102.00	1.50	S030325	0.047	1.39	169.5	70.2	253
102.00	103.50	1.50	S030326	0.044	1.27	171.5	26.6	516
103.50	105.00	1.50	S030327	0.01	1.02	95.3	46	167
105.00	106.50	1.50	S030328	0.013	1.15	68.9	74.9	134
106.50	108.00	1.50	S030329	0.018	1.49	145	69.2	486
108.00	109.50	1.50	S030331	0.034	1.56	180	42.4	244
109.50	111.00	1.50	S030332	0.042	1.61	113.5	64.1	133
111.00	112.50	1.50	S030333	0.013	1.44	155	52.4	283
112.50	114.00	1.50	S030334	0.01	1.24	97	75.2	197
114.00	115.50	1.50	S030335	0.006	1.17	126.5	99.6	217
115.50	117.00	1.50	S030336	0.011	1.11	142	55.8	173
117.00	118.50	1.50	S030337	0.012	0.85	103.5	64.2	135
118.50	120.00	1.50	S030338	0.009	0.99	135	50.1	109
120.00	121.50	1.50	S030339	0.008	0.9	148	34.4	100
121.50	123.00	1.50	S030341	0.006	0.66	107	42.6	100
123.00	124.50	1.50	S030342	0.002	0.72	132	27	110
124.50	126.00	1.50	S030343	0.002	0.64	94.6	36	96
126.00	127.50	1.50	S030344	0.007	0.75	115.5	38.4	113





Hole: BR-125

From (m) To (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best

From (m)	10 (m)	Length	Sample #	ppm	ppm	ppm ppm	ppm ppm	2n Best ppm
127.50	129.00	1.50	S030345	0.002	0.86	109.5	66.7	133
129.00	130.50	1.50	S030346	0.002	0.81	114	95.5	222
130.50	132.00	1.50	S030347	0.002	0.76	91.7	23.3	76
132.00	133.50	1.50	S030348	0.005	0.99	118.5	84.3	215
133.50	135.00	1.50	S030349	0.002	1.05	131.5	36	92
135.00	136.50	1.50	S030351	0.002	0.91	136	32.2	86
136.50	138.00	1.50	S030352	0.002	0.83	98.6	70.5	304
138.00	138.70	0.70	S030353	0.002	1.26	137	77.9	293
138.70	139.20	0.50	S030354	0.056	3.39	52.7	275	514
139.20	140.50	1.30	S030355	0.005	1.19	132.5	29.9	95
140.50	142.00	1.50	S030356	0.005	0.63	32.9	26.4	78
142.00	143.50	1.50	S030357	0.002	0.95	98	71.7	174
143.50	145.00	1.50	S030358	0.002	1.09	127.5	47.8	151
145.00	146.50	1.50	S030359	0.005	0.85	65.5	52.5	184
146.50	147.50	1.00	S030361	0.002	0.76	60.1	32.8	90
147.50	148.50	1.00	S030362	0.007	1.23	54.4	23	78
148.50	149.00	0.50	S030363	0.164	68.9	16.2	42.7	337
149.00	150.50	1.50	S030364	0.002	1.94	86.4	64.3	502
150.50	152.00	1.50	S030365	0.025	1.78	134	65.1	195
152.00	153.50	1.50	S030366	0.002	1.31	122	44.2	232
153.50	155.00	1.50	S030367	0.002	0.71	81.1	59.6	333
155.00	156.50	1.50	S030368	0.002	0.88	139	77.4	536
156.50	158.00	1.50	S030369	0.002	1.08	125.5	66.6	331
158.00	159.50	1.50	S030371	0.005	0.91	118	38.6	259
159.50	161.00	1.50	S030372	0.006	0.96	129.5	32.9	119
161.00	162.50	1.50	S030373	0.005	0.98	150	45.4	170
162.50	164.00	1.50	S030374	0.002	0.69	127.5	45.9	146
164.00	165.50	1.50	S030375	0.002	0.79	117	33.1	150
165.50	167.00	1.50	S030376	0.002	0.62	118.5	29.4	198



From (m)

To (m)

## **GeoSpark: Drill Hole Report**

Hole: BR-125

**Rock Type & Description** 

167.00					ppm	ppm	ppm	ppm
	168.50	1.50	S030377	0.002	0.75	128.5	29.3	334
168.50	169.60	1.10	S030378	0.002	0.68	148	33.6	320
169.60	170.10	0.50	S030379	0.002	0.28	15.6	23.5	89
170.10	171.50	1.40	S030381	0.002	0.51	109.5	42.3	482
171.50	173.00	1.50	S030382	0.002	0.27	51.4	37.8	253
173.00	174.50	1.50	S030383	0.002	0.41	89.5	23.2	169
174.50	176.00	1.50	S030384	0.006	0.55	113	30.9	130
176.00	177.50	1.50	S030385	0.005	0.45	99.6	22.3	154
177.50	179.00	1.50	S030386	0.006	0.54	111.5	37.3	320
179.00	180.50	1.50	S030387	0.005	0.48	104.5	37.8	319
180.50	182.00	1.50	S030388	0.002	0.52	104	32.9	540
182.00	183.50	1.50	S030389	0.005	0.52	104.5	41.8	462
183.50	185.00	1.50	S030391	0.005	0.66	91.3	43	455
185.00	186.50	1.50	S030392	0.005	0.46	84.7	30.7	762
186.50	188.00	1.50	S030393	0.008	0.73	127	39.5	124
188.00	189.50	1.50	S030394	0.017	0.7	130.5	25.8	125
189.50	191.00	1.50	S030395	0.007	0.55	119.5	8.9	211
191.00	192.50	1.50	S030396	0.002	0.5	123.5	14.3	129
192.50	194.00	1.50	S030397	0.006	0.59	145	8.6	110
194.00	195.50	1.50	S030398	0.005	0.64	179	12.9	97
195.50	197.00	1.50	S030399	0.006	0.39	79.6	11.4	92
197.00	198.50	1.50	S030401	0.009	0.76	151	22.5	127
198.50	200.00	1.50	S030402	0.005	0.52	130.5	17.7	124
200.00	201.50	1.50	S030403	0.006	0.56	139.5	15.3	234
201.50	203.00	1.50	S030404	0.005	0.39	99.3	12.7	328
203.00	204.50	1.50	S030405	0.006	0.63	160	12.9	114
204.50	206.00	1.50	S030406	0.002	0.44	111	14.9	245
206.00	207.50	1.50	S030407	0.008	0.71	164.5	14.3	212
207.50	209.00	1.50	S030408	0.005	0.46	111.5	11.1	176



Hole:	BR-125									
From (m) To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		209.00	210.50	1.50	S030409	0.005	0.38	104	14.6	193
		210.50	212.00	1.50	S030411	0.006	0.48	114	10	125
		212.00	213.50	1.50	S030412	0.006	0.49	93.2	12.9	64
		213.50	215.00	1.50	S030413	0.006	0.59	150.5	7.8	200
		215.00	216.50	1.50	S030414	0.002	0.33	100.5	6.4	149
		216.50	218.00	1.50	S030415	0.011	0.55	111.5	16.1	144
		218.00	219.50	1.50	S030416	0.002	0.13	24	5.3	113
		219.50	221.00	1.50	S030417	0.002	0.26	87.6	4.9	319
		221.00	222.50	1.50	S030418	0.002	0.25	74.6	7.4	199
		222.50	224.00	1.50	S030419	0.002	0.36	118.5	9.8	206
		224.00	225.35	1.35	S030421	0.034	1.28	153	12.7	383
		225.35	226.00	0.65	S030422	0.045	0.7	65.1	10.6	62
		226.00	227.50	1.50	S030423	0.002	0.39	134.5	7.5	220
		227.50	228.50	1.00	S030424	0.002	0.42	125	11.9	179
		228.50	229.50	1.00	S030425	0.002	0.29	89	24.4	125

End of Hole @ 229.5





Project: Bowser Regional

Hole: BR-127

**Prospect:** Hanging Glacier **Survey Type:** Logged By: **Hole Type:** DGPS cniddery DDS **UTM Grid:** UTM83-9 Survey By: **Date Started:** 9/7/2020 **Core Size:** HQ 9/12/2020 **Casing Pulled? UTM East:** 424682.318 Azimuth: **Date Completed: Drill Company:** Casing Depth (m): **UTM North:** 6261006.655 Dip: HyTech Marked? UTM Elevation (m): 385.9 **Drill Rig:** 1262.135 Length (m): Н3 9/6/2020 **Hole Purpose: Drill Started:** Surveyed? Expl **Local Grid: Drill Target: Drill Completed:** 9/11/2020 Water Production: NO **Local East:** Water Type: Comments: **Local North:** A.Flower took over logging at 217.50m Water Depth (m): Local Elevation (m): **Structure Type:** 

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	1stREFLEX	9/6/2020	-44	208.5	19.5	228	56416	<b>✓</b>	Azimuth: 208.5/207.6 Dip: -44/-44 Magnetic Field: 56416/56415 MD: 74.1/74.2  "Did test 3 times because of mag. These are the last 2".
15.2	REFLEX	9/6/2020	-44	208.5	19.5	228	56416	<b>✓</b>	Azimuth: 208.5/207.6 Dip: -44/-44 Magnetic Field: 56416/56415 MD: 74.1/74.2  "Did test 3 times because of mag. These are the last 2".
66.2	REFLEX	9/7/2020	-44.3	209.7	19.5	229.2	55056	<b>✓</b>	
117.2	REFLEX	9/7/2020	-44.3	211	19.5	230.5	55065	<b>✓</b>	





Hole:	В	R-127						
Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Co
168.2	REFLEX	9/8/2020	-44.3	208.2	19.5	227.7	55344	<b>✓</b>
219.2	REFLEX	9/8/2020	-44	211.4	19.5	230.9	55255	<b>✓</b>
270.2	REFLEX	9/9/2020	-43.9	212.3	19.5	231.8	55059	<b>~</b>
321.2	REFLEX	9/9/2020	-44	213.4	19.5	232.9	55111	<b>✓</b>
372.2	REFLEX	9/10/2020	-43.9	214.3	19.5	233.8	55128	<b>✓</b>



From (m) To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Bes ppm
<b>0.00 5.50 OVB</b> 0 - 5.5: OVB	overburden NR									
< <min: -="" 0="" 5.5:="" nothing="" record<="" td=""><td>ded&gt;&gt; OVB</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	ded>> OVB									
< <min: -="" 0="" 5.5:="" not="" recorded="" td="" u<=""><td>nmineralized Zone&gt;&gt; OVB</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	nmineralized Zone>> OVB									
< <alt: -="" 0="" 5.5:="">&gt; OVB</alt:>										
5.50 301.50 V8	Mafic volcanic rocks (basaltic- greenish grey V-fsh andesite, basalt; silica content 45-57%)	5.50	6.00	0.50	S030451	0.22	0.54	73.5	14	126
0.00m) with weak chl and trace	nafic lapilli tuff. Primarily weak to mod epidote alteration (alteration intensifies from sil alteration pervasive throughout ash matrix. Clasts are moderately epi-chl altered and ranging up too to <10cm. Sub meter intervals showing a epidote mottled texture often hin the matrix.	i								
108.30m)(172.76-177.45m)(186. reinlets (1%). Large brecciated v	t zones at intervals (5.50-11.00m)(13.30-18.50m)(86.18-90.20m) (102.17-60-193.92m). Weak amounts of qz-cal, qz-cal-py, and qz-cal-epi veins and cross cutting eins at (54.95m) and (186.00m) consists of weak to mod amounts of galena blebs (2% dral py. Weak amounts of anhedral py appearing as; disseminations, stringers, blebs in									
< <min: -="" 42:="" 5.5="" pyrite="" td="" traces="" veins.<=""><td>traces pyrite&gt;&gt; Trace amounts of anhedral py disseminated throughout matrix and in</td><td>6.00</td><td>7.50</td><td>1.50</td><td>S030452</td><td>0.181</td><td>1.01</td><td>218</td><td>10.7</td><td>210</td></min:>	traces pyrite>> Trace amounts of anhedral py disseminated throughout matrix and in	6.00	7.50	1.50	S030452	0.181	1.01	218	10.7	210
	/ 0.5-2.0% pyrite>> Moderate amounts of disseminated anhedral py in veins (3%) wit	h 7.50	9.00	1.50	S030453	0.274	1.42	169.5	13.9	
< <min: -="" 2.0-5.0%="" 42="" 43:="" amounts="" anhedra<="" dis="" of="" pyrite="" td="" weaker=""><td>l py in groundmass (2%).</td><td></td><td></td><td></td><td></td><td></td><td></td><td>407</td><td></td><td>192</td></min:>	l py in groundmass (2%).							407		192
weaker amounts of dis anhedra	py in groundmass (2%). Trace amounts of anhedral py disseminated throughout matrix	9.00	10.50	1.50	S030454	0.277	0.89	107	14.1	192
weaker amounts of dis anhedra < <min: -="" 43="" 52:="" pyrite="" traces="">&gt; &lt;<min: -="" 2.0-5.0%="" 52="" 53:="" hema<="" td=""><td></td><td>9.00</td><td>10.50 12.00</td><td>1.50 1.50</td><td>S030454 S030455</td><td>0.277</td><td>1.18</td><td>239</td><td>14.1</td><td></td></min:></min:>		9.00	10.50 12.00	1.50 1.50	S030454 S030455	0.277	1.18	239	14.1	
weaker amounts of dis anhedra < <min: -="" 43="" 52:="" pyrite="" traces="">&gt; &lt;<min: -="" 2.0-5.0%="" 52="" 53:="" hema<br="">(52.70m) with weaker amounts</min:></min:>	Trace amounts of anhedral py disseminated throughout matrix tite / 0.5-2.0% pyrite>> Moderate amounts of specular hematite edging the vein									154
weaker amounts of dis anhedra < <min: -="" 43="" 52:="" pyrite="" traces="">&gt; &lt;<min: (52.70m)="" -="" 0.5-2.0%="" 0.5-2.0%<="" 2.0-5.0%="" 52="" 53="" 53:="" 54.95="" 54.95:="" 55.5:="" <<min:="" amounts="" hema="" py="" td="" weaker="" with=""><td>Trace amounts of anhedral py disseminated throughout matrix tite / 0.5-2.0% pyrite&gt;&gt; Moderate amounts of specular hematite edging the vein of disseminated anhedral py (2%).</td><td>10.50</td><td>12.00</td><td>1.50</td><td>S030455</td><td>0.343</td><td>1.18</td><td>239</td><td>13.1</td><td>154 194</td></min:></min:>	Trace amounts of anhedral py disseminated throughout matrix tite / 0.5-2.0% pyrite>> Moderate amounts of specular hematite edging the vein of disseminated anhedral py (2%).	10.50	12.00	1.50	S030455	0.343	1.18	239	13.1	154 194
weaker amounts of dis anhedra < <min: -="" 43="" 52:="" pyrite="" traces="">&gt; &lt;<min: -="" 2.0-5.0%="" 52="" 53:="" hema<br="">(52.70m) with weaker amounts &lt;<min: -="" 0.5-2.0%="" 53="" 54.95:="" py<br="">&lt;<min: -="" 0.5-2.0%="" 54.95="" 55.5:="" amounts="" galena<="" mod="" of="" td="" to="" weak=""><td>Trace amounts of anhedral py disseminated throughout matrix tite / 0.5-2.0% pyrite&gt;&gt; Moderate amounts of specular hematite edging the vein of disseminated anhedral py (2%).  rite&gt;&gt; Weak amounts of disseminated anhedral py (2%).  galena / traces sphalerite / traces pyrite&gt;&gt; Large brecciated vein interval consisting of</td><td>10.50 12.00 13.50</td><td>12.00 13.50</td><td>1.50 1.50</td><td>S030455 S030456</td><td>0.343</td><td>1.18</td><td>239 166</td><td>13.1</td><td>154 194 154</td></min:></min:></min:></min:>	Trace amounts of anhedral py disseminated throughout matrix tite / 0.5-2.0% pyrite>> Moderate amounts of specular hematite edging the vein of disseminated anhedral py (2%).  rite>> Weak amounts of disseminated anhedral py (2%).  galena / traces sphalerite / traces pyrite>> Large brecciated vein interval consisting of	10.50 12.00 13.50	12.00 13.50	1.50 1.50	S030455 S030456	0.343	1.18	239 166	13.1	154 194 154
weaker amounts of dis anhedra < <min: -="" 43="" 52:="" pyrite="" traces="">&gt; &lt;<min: (52.70m)="" -="" 0.5-2.0%="" 2.0-5.0%="" 52="" 53="" 53:="" 54.95="" 54.95:="" 55.5="" 55.5:="" 63:="" <<min:="" amounts="" galena="" hema="" mod="" of="" py="" pyrites<="" td="" to="" weak="" weaker="" with=""><td>Trace amounts of anhedral py disseminated throughout matrix tite / 0.5-2.0% pyrite&gt;&gt; Moderate amounts of specular hematite edging the vein of disseminated anhedral py (2%).  rite&gt;&gt; Weak amounts of disseminated anhedral py (2%).  galena / traces sphalerite / traces pyrite&gt;&gt; Large brecciated vein interval consisting of a blebs (2%) with trace amounts of sph, anhedral py.</td><td>10.50 12.00 13.50</td><td>12.00 13.50 15.00</td><td>1.50 1.50 1.50</td><td>\$030455 \$030456 \$030457</td><td>0.343 0.237 0.281</td><td>1.18 1.16 1.3</td><td>239 166 148</td><td>13.1 18.3 15.8</td><td>154 194 154 174</td></min:></min:>	Trace amounts of anhedral py disseminated throughout matrix tite / 0.5-2.0% pyrite>> Moderate amounts of specular hematite edging the vein of disseminated anhedral py (2%).  rite>> Weak amounts of disseminated anhedral py (2%).  galena / traces sphalerite / traces pyrite>> Large brecciated vein interval consisting of a blebs (2%) with trace amounts of sph, anhedral py.	10.50 12.00 13.50	12.00 13.50 15.00	1.50 1.50 1.50	\$030455 \$030456 \$030457	0.343 0.237 0.281	1.18 1.16 1.3	239 166 148	13.1 18.3 15.8	154 194 154 174







Hole	e:	BR-127
1 101	<b>C</b> 1	

From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <min: -="" 0.5-2.0%="" 2.0-5.0%="" 77="" 79:="" hematite="" pyrite="">&gt; Weak amounts of hematite blebs in veins (3%). Weak amounts of disseminated anhedral py(2%).</min:>	19.50	21.00	1.50	S030462	0.173	1.37	477	33.4	180
< <min: -="" 0.5-2.0%="" 135:="" 79="" pyrite="">&gt; Weak amounts of disseminated anhedral py (2%) consistent throughout interval with less amounts of anhedral py stringers.</min:>	21.00	22.50	1.50	S030463	0.151	0.91	395	18.5	151
< <min: -="" 0.5-2.0%="" 135="" 139:="" 2.0-5.0%="" galena="" pyrite="">&gt; Weak amounts of disseminated anhedral py and py blebs in veins (3%) with less amounts of galena blebs in brecciated veins (0.5%).</min:>	22.50	24.00	1.50	S030464	0.194	0.89	331	14.6	173
< <min: -="" 0.5-2.0%="" 139="" 254.2:="" <0.5%="" pyrite="">&gt; Weak amounts of anhedral py appearing as; disseminations, blebs in veins, and clasts with less amounts of py stringers.</min:>	24.00	25.50	1.50	S030465	0.306	1.14	449	15.9	146
< <min: -="" 2.0-5.0%="" 254.2="" 362.64:="" ag,pb,sb,as="" chalcopyrite="" galena="" pyrite="" sphalerite="" sulfosalts="" traces="">&gt; 2-3% Patchy/motteled ateration of pyrite within matix associated with epidote.</min:>	25.50	27.00	1.50	S030466	0.184	1.16	365	16.2	141
<0.1%Trace blebby min in gy-qtz +/- pyrite, cpy, gn, sph, sulfosalts.									
< <alt: -="" 5.5="" 92:="" calcite="" chlorite="" epidote="" silica="" trace="" weak="">&gt; Primarily weak to mod epidote altered with weak chl alteration pervasive throughout. Network of cal veinlets. Trace sil alteration pervasive throughout.</alt:>	27.00	28.50	1.50	S030467	0.158	0.63	239	10.3	162
< <altr. -="" 119:="" 92="" chlorite="" epidote="" moderate="" silica="" to="" trace="" weak="">&gt; Epidote alteration intensifies throughout interval in clasts and matrix. Weaker chl alteration pervasive throughout with trace sil alteration.</altr.>	28.50	30.00	1.50	S030468	0.139	0.53	189	19	204
< <alt: -="" 119="" 158:="" chlorite="" epidote="" moderate="" sericite="" silica="" to="" weak="">&gt; Sub meter intervals of weak sericite alteration pervasive throughout. Weak to mod epidote alteration in clasts and matrix. Weak chl-sil alteration pervasive throughout.</alt:>	30.00	31.50	1.50	S030469	0.196	0.87	354	13.3	174
< <alt: -="" 158="" 162:="" carbonate="" chlorite="" moderate="" sericite="" silica="" weak="">&gt; Sub meter intervals of moderate beige grey sericite alteration with weaker sil-carb alt. Dark green chl altered clasts.</alt:>	31.50	33.00	1.50	S030471	0.174	0.83	339	9.9	192
< <alt: -="" 162="" 256.44:="" carbonate="" chlorite="" epidote="" moderate="" silica="" to="" trace="" weak="">&gt; Sub meter intervals of weak sericite alteration pervasive throughout. Weak to mod epidote alteration in clasts and matrix. Weak chl-sil alteration pervasive throughout. Trace patchy carb alt.</alt:>	33.00	34.50	1.50	S030472	0.162	0.67	270	8.1	154
< <alt: -="" 256.44="" 300.35:="" chlorite="" epidote="" moderate="" silica="">&gt; Pervasive silica alteration becomes pervasive with moderate chlorite replacing the matrix. Epidote alteration is moderate to intsne in a mottled texture often assoicated with patchy pyrite in the matrix.</alt:>	34.50	36.00	1.50	S030473	0.349	0.93	392	8.9	144
< <alt: -="" 300.35="" 301.5:="" chlorite="" clay="" epidote="" moderate="" silica="" to="" weak="">&gt; Similar to above alteration with addition of epidote alteration is a red/pink clay? Type alteration.</alt:>	36.00	37.50	1.50	S030474	0.134	0.64	237	62.9	137
< <vein: -="" 1.0-5.0%="" 12.4="" 13:="" quartz-calcite="">&gt; 4cm wide vuggy qz-cal vein with patchy epidote. No observable sulphides.</vein:>	37.50	39.00	1.50	S030475	0.29	0.85	261	15.6	172
< <vein: -="" 1.0-5.0%="" 24="" 44:="" quartz-calcite-pyrite="">&gt; Weak amounts of qz-cal-chl and qz-cal-py veins and veinlets. Vuggy and brecciated veins host trace amounts of disseminated anhedral py. Trace oxidation on sharp contact fractures.</vein:>	39.00	40.50	1.50	S030476	0.183	0.8	251	15.6	164
< <vein: -="" 1.0-5.0%="" 48.6="" 49:="" calcite="" quartz-calcite-pink="">&gt; 3cm wide white pink mang-cal vein with trace anhedral py.</vein:>	40.50	42.00	1.50	S030477	0.26	1.25	430	17.4	169







Hole: BR	-127
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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
	- 53: <1.0 quart	z-calcite>> Trace qz-cal veins with 2cm wide vein (52.70m) having strong amounts of	42.00	43.50	1.50	S030478	0.398	1.22	485	12.8	195
		0% quartz-base metal sulphides>> Large brecciated white pink manganese calcite vein f gn (2%) with weaker amount of sph, and anhedral py blebs (<1%).	43.50	45.00	1.50	S030479	0.183	0.72	256	12.3	176
< <vein: 63<="" td=""><td>.3 - 64: 1.0-5.0%</td><td>quartz-base metal sulphides&gt;&gt; 10cm wide qz-BMS vein hosting trace amounts of galena.</td><td>45.00</td><td>46.50</td><td>1.50</td><td>S030481</td><td>0.203</td><td>1.07</td><td>360</td><td>42.7</td><td>197</td></vein:>	.3 - 64: 1.0-5.0%	quartz-base metal sulphides>> 10cm wide qz-BMS vein hosting trace amounts of galena.	45.00	46.50	1.50	S030481	0.203	1.07	360	42.7	197
< <vein: 66<="" td=""><td>.63 - 68: 1.0-5.0</td><td>% epidote Veins&gt;&gt; Weak amounts of cal-epi veins and veinlets (1%)</td><td>46.50</td><td>48.00</td><td>1.50</td><td>S030482</td><td>0.183</td><td>1</td><td>360</td><td>14.9</td><td>130</td></vein:>	.63 - 68: 1.0-5.0	% epidote Veins>> Weak amounts of cal-epi veins and veinlets (1%)	46.50	48.00	1.50	S030482	0.183	1	360	14.9	130
Vein at 77.7		6 quartz-calcite-pyrite>> Weak amounts of qz-cal-py and qz-cal-epi veins and veinlets (1%). amounts of hematite (5%). Qz-cal-py veins have trace amonuts of anhedral py disseminated nl veinlets.	48.00	49.00	1.00	S030483	0.172	1.12	233	11.2	98
		5.0% quartz-calcite-pyrite>> Weak to mod amounts of qz-cal-py pink manganese calcite ed with trace amounts of disseminated anhedral py blebs.	49.00	50.50	1.50	S030484	0.135	0.73	247	8.8	156
< <vein: 120<br="">anhedral py</vein:>		% quartz-pyrite>> Network of mm sized qz-py veins and veinlets (1%). Trace disseminated	50.50	52.00	1.50	S030485	0.118	0.66	233	11	182
		5.0% quartz-base metal sulphides>> Dominantely Brecciated qz-BMS veins hosting weak 1%). Trace qz-cal-py and cal-chl veins and veinlets. Network of <mm cal="" sized="" td="" veinlets.<=""><td>52.00</td><td>53.50</td><td>1.50</td><td>S030486</td><td>0.172</td><td>0.65</td><td>206</td><td>15.7</td><td>139</td></mm>	52.00	53.50	1.50	S030486	0.172	0.65	206	15.7	139
< <vein: 15<="" td=""><td>8.5 - 162: 1.0-5.</td><td>0% quartz-calcite&gt;&gt; Weak amounts of qz-cal veins and <mm (1%).<="" sized="" td="" veinlets=""><td>53.50</td><td>54.73</td><td>1.23</td><td>S030487</td><td>0.151</td><td>0.9</td><td>226</td><td>10.7</td><td>155</td></mm></td></vein:>	8.5 - 162: 1.0-5.	0% quartz-calcite>> Weak amounts of qz-cal veins and <mm (1%).<="" sized="" td="" veinlets=""><td>53.50</td><td>54.73</td><td>1.23</td><td>S030487</td><td>0.151</td><td>0.9</td><td>226</td><td>10.7</td><td>155</td></mm>	53.50	54.73	1.23	S030487	0.151	0.9	226	10.7	155
		0-10.0% quartz-calcite-pink calcite>> Large brecciated white pink manganese calcite veins minated anhedral py.	54.73	55.50	0.77	S030488	0.07	2.28	36.8	3420	1010
	0.1 - 191: 1.0-5. ints of anhedral p	0% quartz-calcite-pink calcite>> Two 5cm wide white pink manganese qz-cal veins hosting by.	55.50	56.50	1.00	S030489	0.232	1.07	176.5	17.1	193
		.0 quartz-calcite-pyrite>> Trace amounts of qz-cal +/- epidote and qz-cal-py veins hosting ted anhedral py and py blebs. Local barren 5cm mn-cal vein hosting a 1mm pyrite band.	56.50	58.00	1.50	S030491	0.172	0.77	140.5	16.6	201
veinlets. Le	ess frequent mind	5.0% calcite>> 1% veining interval consisting of dominantly calcite swarms, wisps and or 1-5cm planar dark gy qtz veins can contain +/- py, cpy, gn, sph, sulfosalts as blebs and al. 55cm breccia qtz vein contains BMS and trace blebs of sulfosalts.	58.00	59.50	1.50	S030492	0.1	0.66	153.5	13.3	143
Crosscuttin		host to 1% pyrite along selvages. e 2nd generation low angle thin qtz-BMS veins with gn+sph and trace cpy. Gradational oilli tuff.									
< <struc: 5.<="" td=""><td>5 - 11: moderate</td><td>ely developed fault zone 50 deg. &gt;&gt; Moderately developed fault zone.</td><td>59.50</td><td>61.00</td><td>1.50</td><td>S030493</td><td>0.162</td><td>1.25</td><td>339</td><td>10.1</td><td>128</td></struc:>	5 - 11: moderate	ely developed fault zone 50 deg. >> Moderately developed fault zone.	59.50	61.00	1.50	S030493	0.162	1.25	339	10.1	128
< <struc: 13<="" td=""><td>3.3 - 18.5: mode</td><td>rately developed fault zone 50 deg. &gt;&gt; Moderately developed fault zone.</td><td>61.00</td><td>62.10</td><td>1.10</td><td>S030494</td><td>0.152</td><td>0.78</td><td>224</td><td>6.4</td><td>135</td></struc:>	3.3 - 18.5: mode	rately developed fault zone 50 deg. >> Moderately developed fault zone.	61.00	62.10	1.10	S030494	0.152	0.78	224	6.4	135
< <struc: 20<="" td=""><td>0.4 - 22: weakly</td><td>developed fault zone&gt;&gt; Weakly developed fault zone</td><td>62.10</td><td>63.20</td><td>1.10</td><td>S030495</td><td>0.194</td><td>0.98</td><td>337</td><td>8.8</td><td>129</td></struc:>	0.4 - 22: weakly	developed fault zone>> Weakly developed fault zone	62.10	63.20	1.10	S030495	0.194	0.98	337	8.8	129
< <struc: 65<="" td=""><td>5 - 66: moderate</td><td>ly developed fault zone 40 deg. &gt;&gt; Moderately developed fault zone.</td><td>63.20</td><td>64.00</td><td>0.80</td><td>S030496</td><td>0.219</td><td>1.29</td><td>439</td><td>13.6</td><td>130</td></struc:>	5 - 66: moderate	ly developed fault zone 40 deg. >> Moderately developed fault zone.	63.20	64.00	0.80	S030496	0.219	1.29	439	13.6	130
< <struc: 76<="" td=""><td>6.7 - 77: modera</td><td>tely developed fault zone 40 deg. &gt;&gt; Moderately developed fault zone.</td><td>64.00</td><td>64.50</td><td>0.50</td><td>S030497</td><td>0.199</td><td>1</td><td>262</td><td>16.4</td><td>157</td></struc:>	6.7 - 77: modera	tely developed fault zone 40 deg. >> Moderately developed fault zone.	64.00	64.50	0.50	S030497	0.199	1	262	16.4	157



Ho	le:	Е	3	R	_ [	12	7	,
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From (m) To (m) Rock Type & Description	From (m)	To (m) L	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <struc: -="" 70="" 86.18="" 90.2:="" deg.="" developed="" fault="" moderately="" zone="">&gt; Moderately developed fault zone.</struc:>	64.50	66.00	1.50	S030498	0.138	0.99	239	18.9	206
< <struc: -="" 30="" 95="" 98.73:="" deg.="" developed="" fault="" weakly="" zone="">&gt; Weakly developed fault zone.</struc:>	66.00	67.50	1.50	S030499	0.179	0.59	171.5	12.6	194
< <struc: -="" 102.17="" 108.3:="" 20="" deg.="" developed="" fault="" weakly="" zone="">&gt; Weakly developed fault zone.</struc:>	67.50	69.00	1.50	S030501	0.079	0.38	113	13.8	162
< <struc: -="" 172.76="" 179.45:="" 50="" deg.="" developed="" fault="" moderately="" zone="">&gt; Moderately developed fault zone.</struc:>	69.00	70.50	1.50	S030502	0.21	1	312	15.9	135
< <struc: -="" 186.6="" 193.92:="" 40="" deg.="" developed="" fault="" moderately="" zone="">&gt; Moderately developed fault zone.</struc:>	70.50	72.00	1.50	S030503	0.131	0.48	190.5	6.9	161
< <struc: -="" 236.95="" 240.2:="" developed="" fault="" weakly="" zone="">&gt; Weak fault zone with 50% broken core and trace gouge</struc:>	72.00	73.50	1.50	S030504	0.177	0.77	374	7.8	136
< <struc: -="" 247.57="" 259.11:="" developed="" fault="" weakly="" zone="">&gt; Weak fault zone. With 15% broken core and trace gouge.</struc:>	73.50	75.00	1.50	S030505	0.158	0.76	338	14.5	181
< <struc: -="" 269.1="" 270.2:="" developed="" fault="" weakly="" zone="">&gt; Weak fault zone. With 60% broken core and trace gouge.</struc:>	75.00	76.50	1.50	S030506	0.149	0.91	329	11.8	134
< <struc: -="" 274.34="" 276.25:="" developed="" fault="" weakly="" zone="">&gt; Weak fault zone. With 70% broken core and trace gouge.</struc:>	76.50	78.00	1.50	S030507	0.166	3.28	237	50	176
	78.00	79.50	1.50	S030508	0.254	1.14	210	10.9	136
	79.50	81.00	1.50	S030509	0.163	0.8	228	13.6	213
	81.00	82.50	1.50	S030511	0.27	0.76	251	10.2	176
	82.50	84.00	1.50	S030512	0.249	0.71	266	11.7	167
	84.00	85.50	1.50	S030513	0.191	0.68	220	8.4	173
	85.50	87.00	1.50	S030514	0.261	0.71	259	16.3	134
	87.00	88.50	1.50	S030515	0.342	0.86	270	17.3	138
	88.50	90.00	1.50	S030516	0.236	0.58	195.5	15.9	147
	90.00	91.50	1.50	S030517	0.257	0.71	272	21.2	117
	91.50	93.00	1.50	S030518	0.006	0.63	226	15.9	116
	93.00	94.50	1.50	S030519	0.118	0.46	170.5	11.3	129
	94.50	96.00	1.50	S030521	0.122	1.12	169.5	20.5	116
	96.00	97.50	1.50	S030522	0.116	0.62	219	16.4	118
	97.50	99.00	1.50	S030523	0.135	0.54	198.5	8.8	130
	99.00	100.50	1.50	S030524	0.198	0.66	250	9.1	120
	100.50	102.00	1.50	S030525	0.282	0.55	185	9.8	117
	102.00	103.50	1.50	S030526	0.225	0.51	194	11.8	156
	103.50	105.00	1.50	S030527	0.386	0.65	232	16.3	164
	105.00	106.50	1.50	S030528	0.661	0.88	292	12.7	135
	106.50	108.00	1.50	S030529	0.352	0.38	202	11.9	112





Hole: BR-127

From (m) To (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
108.00	109.50	1.50	S030531	0.56	1.08	449	17.7	68
109.50	111.00	1.50	S030532	0.754	0.85	295	16.9	71
111.00	112.50	1.50	S030533	0.513	0.42	182	17.4	87
112.50	114.00	1.50	S030534	0.365	0.83	407	13.1	67
114.00	115.50	1.50	S030535	0.237	0.75	285	10.1	90
115.50	117.00	1.50	S030536	0.282	0.69	201	11.3	113
117.00	117.50	0.50	S030537	0.372	1.76	247	16.4	91
117.50	118.15	0.65	S030538	0.37	2.79	146	14.9	74
118.15	119.00	0.85	S030539	0.254	1.93	268	12.6	101
119.00	120.50	1.50	S030541	0.281	2.19	316	17.7	104
120.50	122.00	1.50	S030542	0.24	1.02	287	20.4	121
122.00	123.50	1.50	S030543	0.071	0.21	57.8	11.7	149
123.50	125.00	1.50	S030544	0.246	0.98	359	37.6	161
125.00	126.50	1.50	S030545	0.288	0.96	276	19.8	179
126.50	128.00	1.50	S030546	0.477	2.56	341	13.3	156
128.00	129.50	1.50	S030547	0.233	0.74	261	10.2	149
129.50	131.00	1.50	S030548	0.072	0.3	145	9.1	148
131.00	132.50	1.50	S030549	0.112	0.49	255	12.5	149
132.50	134.00	1.50	S030551	0.108	0.4	190	11.9	135
134.00	135.50	1.50	S030552	0.182	1.01	406	16.6	136
135.50	137.00	1.50	S030553	0.223	5.88	237	358	255
137.00	138.50	1.50	S030554	0.085	3.08	180	49	115
138.50	140.00	1.50	S030555	0.17	1.44	141.5	11.9	119
140.00	141.50	1.50	S030556	0.129	0.44	124.5	12.9	122
141.50	143.00	1.50	S030557	0.222	0.65	214	13	103
143.00	144.50	1.50	S030558	0.299	0.57	235	13	107
144.50	146.00	1.50	S030559	0.307	0.67	253	13.1	122
146.00	147.50	1.50	S030561	0.228	0.63	292	13	122
147.50	149.00	1.50	S030562	0.181	0.49	167.5	11.1	108





Hole: BR-127

From (m) To (m) Rock Type & Description From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best ppm ppm ppm ppm ppm ppm

From (m)	10 (m)	Length	Sample #	ppm	ppm	ppm	ppm	ppm
149.00	150.50	1.50	S030563	0.178	0.62	221	11.9	106
150.50	152.00	1.50	S030564	0.36	1.38	448	12.7	76
152.00	153.50	1.50	S030565	0.161	0.86	355	18.2	83
153.50	155.00	1.50	S030566	0.19	0.51	220	11.1	99
155.00	156.50	1.50	S030567	0.181	0.48	200	11.5	118
156.50	158.00	1.50	S030568	0.204	0.84	226	17.7	68
158.00	159.50	1.50	S030569	0.166	0.35	103.5	11.5	102
159.50	161.00	1.50	S030571	0.145	0.37	103.5	15.1	110
161.00	162.50	1.50	S030572	0.137	3.32	201	128.5	407
162.50	164.00	1.50	S030573	0.179	0.72	305	19.4	134
164.00	165.50	1.50	S030574	0.175	0.76	341	28.1	109
165.50	167.00	1.50	S030575	0.209	0.85	406	15	108
167.00	168.50	1.50	S030576	0.201	0.74	349	12.5	113
168.50	170.00	1.50	S030577	0.177	0.58	256	15	122
170.00	171.50	1.50	S030578	0.233	0.44	188	10.3	128
171.50	173.00	1.50	S030579	0.335	0.53	196.5	9.6	115
173.00	174.50	1.50	S030581	0.273	0.37	110.5	17.1	113
174.50	176.00	1.50	S030582	0.238	0.38	131	15	119
176.00	177.50	1.50	S030583	0.119	0.4	129	11.6	142
177.50	179.00	1.50	S030584	0.059	0.15	61.7	9.6	153
179.00	180.50	1.50	S030585	0.105	0.27	75.2	18.7	130
180.50	182.00	1.50	S030586	0.151	0.71	273	15.1	138
182.00	183.50	1.50	S030587	0.134	0.83	206	10.4	127
183.50	184.50	1.00	S030588	0.185	0.78	150	16.2	99
184.50	185.56	1.06	S030589	0.186	0.62	118	10.7	99
185.56	186.40	0.84	S030591	0.081	0.84	70.1	14	51
186.40	187.50	1.10	S030592	0.183	0.57	135.5	10.8	120
187.50	189.00	1.50	S030593	0.11	0.21	43.6	12.5	138
189.00	190.50	1.50	S030594	0.332	0.72	69.5	12.1	104





Hole: BR-127

From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 190.50 192.00 1.50 S030595 0.149 1.4 188 13 133 192.00 193.50 1.50 S030596 0.195 2.12 17.1 160 112 193.50 195.00 1.50 S030597 0.184 0.68 91.8 16.6 134 195.00 196.50 1.50 S030598 0.233 1.08 428 17.4 116 196.50 198.00 1.50 S030599 0.317 1.79 196 17.3 104 198.00 199.50 1.50 S030601 0.182 0.45 177 14 121 199.50 201.00 1.50 S030602 0.428 1.04 460 12.1 151 201.00 202.50 1.50 S030603 0.248 1.29 581 14.1 120 202.50 204.00 1.50 S030604 0.184 1.06 431 23.5 159 204.00 205.50 1.50 S030605 0.123 0.74 152 282 20.1 205.50 207.00 1.50 0.085 0.57 S030606 248 12.2 134 207.00 208.50 1.50 S030607 0.111 0.54 212 13.2 102 208.50 210.00 1.50 S030608 0.187 0.85 317 15.6 117 210.00 211.50 1.50 S030609 0.141 0.3 110.5 10.2 101 211.50 213.00 1.50 S030611 0.13 0.49 143 16.4 94 213.00 214.50 1.50 S030612 0.08 0.6 201 16.3 108 214.50 216.00 1.50 S030613 0.1 0.91 270 23 136 216.00 217.50 1.50 S030614 0.157 0.96 327 18.9 111 217.50 219.00 1.50 S030615 0.107 0.69 194 22.9 118 219.00 220.50 1.50 S030616 0.176 1.24 368 14.9 132 1.50 220.50 222.00 S030617 0.073 0.64 167 13.2 116 222.00 223.50 1.50 S030618 0.167 0.62 139.5 19 94 223.50 225.00 1.50 S030619 0.169 1.27 268 19.4 114 225.00 226.50 1.50 S030621 0.173 1.17 273 19.4 125 226.50 228.00 1.50 S030622 0.183 0.86 231 16 102 228.00 229.50 1.50 S030623 0.374 120 1.15 318 18.1 229.50 231.00 1.50 S030624 0.197 1.07 304 15.4 234 S030625 0.203 231.00 232.50 1.50 0.97 207 24.9 401

232.50

234.00

1.50

S030626

0.208

1.94



11.2

205

198.5



Hole: BR-127

From (m) To (m) Rock Type & Description From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best ppm ppm ppm ppm ppm

	, (,				0			
				ppm	ppm	ppm	ppm	ppm
234.00	235.50	1.50	S030627	0.248	0.78	211	16.3	253
235.50	237.00	1.50	S030628	0.167	0.64	112	22.8	372
237.00	238.50	1.50	S030629	0.141	0.9	204	27	200
238.50	240.00	1.50	S030631	0.14	1.06	205	20.3	119
240.00	241.50	1.50	S030632	0.25	0.9	200	11.9	94
241.50	243.00	1.50	S030633	0.139	1.24	348	41.6	109
243.00	244.50	1.50	S030634	0.086	0.88	213	68.8	146
244.50	246.00	1.50	S030635	0.167	1.38	341	30.2	180
246.00	247.50	1.50	S030636	0.224	1.86	362	48.4	530
247.50	249.00	1.50	S030637	0.198	1.23	262	29.2	127
249.00	250.50	1.50	S030638	0.176	1.21	215	43.5	143
250.50	252.00	1.50	S030639	0.255	1.22	273	8.8	145
252.00	253.50	1.50	S030641	0.305	1.72	426	20.1	157
253.50	255.00	1.50	S030642	0.398	1.66	455	30	260
255.00	256.00	1.00	S030643	0.189	0.89	253	19	111
256.00	257.00	1.00	S030644	0.189	1.89	559	20.6	82
257.00	258.00	1.00	S030645	0.257	1.51	471	18.2	76
258.00	259.50	1.50	S030646	0.178	1.14	349	16.3	86
259.50	261.00	1.50	S030647	0.076	0.41	91.3	10.3	73
261.00	262.50	1.50	S030648	0.144	0.63	159.5	10.2	54
262.50	264.00	1.50	S030649	0.214	1.14	349	9.6	50
264.00	265.50	1.50	S030651	0.132	0.94	315	14.4	63
265.50	267.00	1.50	S030652	0.133	1.23	415	15.2	72
267.00	268.50	1.50	S030653	0.11	1.76	699	25.7	175
268.50	270.00	1.50	S030654	0.181	1.86	668	8.5	65
270.00	271.50	1.50	S030655	0.084	1.36	459	12.8	89
271.50	273.00	1.50	S030656	0.091	1.42	560	10.8	81
273.00	274.50	1.50	S030657	0.09	1.82	760	8.9	69
274.50	276.00	1.50	S030658	0.123	1.79	810	10.7	97





Hole:	BR-127										
From (m) To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			276.00	277.50	1.50	S030659	0.206	1.28	648	11	93
			277.50	279.00	1.50	S030661	0.176	0.99	404	8.8	90
			279.00	280.50	1.50	S030662	0.147	0.9	288	9.2	103
			280.50	282.00	1.50	S030663	0.143	0.79	231	10.7	99
			282.00	283.50	1.50	S030664	0.115	0.57	166	9.6	100
			283.50	285.00	1.50	S030665	0.118	0.76	197	11.2	97
			285.00	286.50	1.50	S030666	0.12	0.39	72.6	13.9	102
			286.50	288.00	1.50	S030667	0.189	0.45	66.9	9.8	124
			288.00	289.50	1.50	S030668	0.215	0.78	217	11.4	62
			289.50	291.00	1.50	S030669	0.216	0.89	257	11.6	53
			291.00	292.50	1.50	S030671	0.342	0.46	115	14.7	55
			292.50	294.00	1.50	S030672	0.341	1.52	367	56.3	268
			294.00	295.50	1.50	S030673	0.16	1.16	441	16.7	166
			295.50	297.00	1.50	S030674	0.129	0.95	314	32.9	188
			297.00	298.50	1.50	S030675	0.111	0.97	379	13.9	268
			298.50	300.00	1.50	S030676	0.188	1.41	443	13	109
			300.00	301.50	1.50	S030677	0.061	0.51	157	13.4	105
301.50 385.90	V8 Mafic volcanic rocks (basaltic- grey andesite, basalt; silica content 45-57%)	V-csh	301.50	303.00	1.50	S030678	0.167	0.64	318	13	97
Local brecia zones of qta host to 1% pyrite along s	led mafic course ash unit. Intensely silicified course ash matrix with local well flooding. Weak mottled epidote and chlorite alteration of the matrix. 1st genelyages. Crosscutting these veins are 2nd generation low angle thin qtz-BM al contact with upper mafic lapilli tuff.	eration calcite veins									
Major fault zone from 35	6.9-362.52m gouging and low recovery.										
	2.0-5.0% pyrite / 0.5-2.0% pyrite / traces pyrite>> 2-3% pyrite in the matrix veins contains trace anhedral pyrite.	as blebs and	303.00	304.50	1.50	S030679	0.8	2.06	272	63.4	138
	rong silica / weak chlorite / weak epidote>> Intense silica alteration through e and chlorite alteration of matrix.	hout unit. Meter long	304.50	306.00	1.50	S030681	0.133	3.98	241	157.5	150
< <struc: -="" 356.9="" 362.52<="" td=""><td>: strongly developed fault zone&gt;&gt; Intense fault zone with gouging and low</td><td>recovery.</td><td>306.00</td><td>307.50</td><td>1.50</td><td>S030682</td><td>4.15</td><td>3.3</td><td>93.2</td><td>164.5</td><td>601</td></struc:>	: strongly developed fault zone>> Intense fault zone with gouging and low	recovery.	306.00	307.50	1.50	S030682	4.15	3.3	93.2	164.5	601





Hole: BR-127

From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <struc: 36<="" td=""><td>69.72 - 36</td><td>9.78: moderately developed bedding 70 deg. &gt;&gt; Ash beds</td><td>307.50</td><td>309.00</td><td>1.50</td><td>S030683</td><td>0.114</td><td>0.91</td><td>78.1</td><td>38.6</td><td>80</td></struc:>	69.72 - 36	9.78: moderately developed bedding 70 deg. >> Ash beds	307.50	309.00	1.50	S030683	0.114	0.91	78.1	38.6	80
< <struc: 38<="" td=""><td>34.56 - 38</td><td>35.9: weakly developed fault zone&gt;&gt; Weak fault zone to EOH.</td><td>309.00</td><td>310.50</td><td>1.50</td><td>S030684</td><td>0.262</td><td>0.86</td><td>308</td><td>11.5</td><td>52</td></struc:>	34.56 - 38	35.9: weakly developed fault zone>> Weak fault zone to EOH.	309.00	310.50	1.50	S030684	0.262	0.86	308	11.5	52
			310.50	312.00	1.50	S030685	0.326	1.01	455	15.8	59
			312.00	313.50	1.50	S030686	0.115	1.75	214	8.1	62
			313.50	315.00	1.50	S030687	0.116	3.31	178	106.5	109
			315.00	316.50	1.50	S030688	0.108	1.47	207	12.9	84
			316.50	318.00	1.50	S030689	0.198	0.73	223	7.1	72
			318.00	319.50	1.50	S030691	0.192	0.94	277	6.3	79
			319.50	321.00	1.50	S030692	0.177	1.03	331	8.7	64
			321.00	322.50	1.50	S030693	0.159	0.99	350	6.7	53
			322.50	324.00	1.50	S030694	0.14	0.78	275	8	49
			324.00	325.50	1.50	S030695	0.124	0.65	251	12.2	67
			325.50	327.00	1.50	S030696	0.078	0.45	145	18.4	58
			327.00	328.50	1.50	S030697	0.117	0.71	215	31.4	72
			328.50	330.00	1.50	S030698	0.094	1.08	68.3	113	835
			330.00	331.50	1.50	S030699	0.133	0.62	52.5	32.2	79
			331.50	333.00	1.50	S030701	0.271	1.52	189	14.2	59
			333.00	334.50	1.50	S030702	0.227	0.75	148.5	16.9	74
			334.50	336.00	1.50	S030703	0.137	0.6	102	19.9	76
			336.00	337.50	1.50	S030704	0.098	0.75	99.9	41.2	215
			337.50	339.00	1.50	S030705	0.155	1.76	155	83.8	164
			339.00	340.50	1.50	S030706	0.078	1.38	139	32.9	102
			340.50	342.00	1.50	S030707	0.07	0.93	107.5	12.1	40
			342.00	343.50	1.50	S030708	0.177	0.45	92.4	14.4	66
			343.50	345.00	1.50	S030709	0.162	0.46	59.2	48.1	130
			345.00	346.50	1.50	S030711	0.188	0.72	120.5	20.2	67
			346.50	348.00	1.50	S030712	0.146	0.53	122	13.8	43
			348.00	349.50	1.50	S030713	0.585	0.8	206	18.6	72
			349.50	351.00	1.50	S030714	0.293	0.9	241	57.5	179





Hole: BR-127

From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
351.00	352.50	1.50	S030715	0.167	0.52	130	9.8	58
352.50	354.00	1.50	S030716	0.124	0.56	75.2	17.6	62
354.00	355.50	1.50	S030717	0.134	0.68	233	50.5	91
355.50	357.00	1.50	S030718	0.224	0.68	172.5	20.6	63
357.00	358.50	1.50	S030719	0.599	1.62	148.5	21.3	53
358.50	360.00	1.50	S030721	0.242	1.61	179	21.5	62
360.00	361.00	1.00	S030722	0.164	1.59	159	18.5	106
361.00	362.00	1.00	S030723	0.156	0.51	124	12.8	89
362.00	363.00	1.00	S030724	0.147	0.81	118	31.5	96
363.00	364.50	1.50	S030725	0.114	0.54	96.7	8	40
364.50	366.00	1.50	S030726	0.096	0.61	134	13	62
366.00	367.50	1.50	S030727	0.17	0.84	278	18.5	101
367.50	369.00	1.50	S030728	0.135	0.51	151	17.5	81
369.00	370.50	1.50	S030729	0.137	0.39	114.5	16.1	75
370.50	372.00	1.50	S030731	0.166	0.78	192	24.4	65
372.00	373.50	1.50	S030732	0.192	0.75	148.5	17.7	69
373.50	375.00	1.50	S030733	0.098	0.54	115	11.8	64
375.00	376.50	1.50	S030734	0.154	0.78	131	22.4	67
376.50	378.00	1.50	S030735	0.119	0.79	109.5	12.7	64
378.00	379.50	1.50	S030736	0.131	0.83	64.3	13.5	56
379.50	381.00	1.50	S030737	0.11	0.62	84.5	27.9	65
381.00	382.50	1.50	S030738	0.171	0.74	93.3	37.2	79
382.50	384.00	1.50	S030739	0.183	1.04	88.6	46.4	101
384.00	385.00	1.00	S030741	0.193	1.41	185.5	55.7	130
385.00	385.90	0.90	S030742	0.177	0.46	109.5	15.6	61

End of Hole @ 385.9





Project: Bowser Regional

Hole: BR-130

**Prospect:** Hanging Glacier **Survey Type:** Logged By: **Hole Type:** DGPS aflower DDS **UTM Grid:** UTM83-9 Survey By: **Date Started:** 9/12/2020 **Core Size:** HQ 424602.598 9/16/2020 **Casing Pulled? UTM East:** Azimuth: **Date Completed: Drill Company:** HyTech Casing Depth (m): **UTM North:** 6260709.002 Dip: UTM Elevation (m): **Drill Rig:** Marked? 1233.952 Length (m): 319 Н3 9/11/2020 **Hole Purpose: Drill Started:** Surveyed? Expl **Local Grid: Drill Target: Drill Completed:** 9/15/2020 Water Production: NO **Local East:** Water Type: Comments: **Local North:** Water Depth (m): Local Elevation (m):

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
0	1stREFLEX	9/12/2020	-44.9	201.4	19.5	220.9	55282	<b>✓</b>	
16	REFLEX	9/12/2020	-44.9	201.4	19.5	220.9	55282	<b>✓</b>	
67	REFLEX	9/12/2020	-45.3	202.6	19.5	222.1	55384	<b>✓</b>	
118	REFLEX	9/12/2020	-45.4	204.2	19.5	223.7	55272	<b>~</b>	
169	REFLEX	9/13/2020	-44.9	205.6	19.5	225.1	55470	<b>✓</b>	
220	REFLEX	9/13/2020	-43.8	207	19.5	226.5	55559	<b>✓</b>	
271	REFLEX	9/14/2020	-42.8	208.4	19.5	227.9	55384	<b>✓</b>	
319	REFLEX	9/15/2020	-41.4	209.9	19.5	229.4	55281	<b>✓</b>	



**Structure Type:** 



Hole:	BR-1	130										
From (m)	To (m)	Rock Type & Description	Fror	m (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<b>0.00</b> < <min: -="" 0="" 5<="" td=""><td>5.50 OVB</td><td></td><td>IR</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	5.50 OVB		IR									
	i.5: Not recorded Unn											
< <alt: -="" 0="" 5.<="" td=""><td>5: &gt;&gt; OVB</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	5: >> OVB											
< <vein: -="" 0="" 5<="" td=""><td>5.5: Nothing Recorde</td><td>ed&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	5.5: Nothing Recorde	ed>>										
5.50	23.05 V8	Mafic volcanic rocks (basaltic- greenish grey Vandesite, basalt; silica content 45-57%)	-lp	5.50	6.50	1.00	S030751	0.054	0.27	108.5	10.6	37
ervasive thro to <10cm natrix. Grada arge modera	oughout ash matrix. C I. Sub meter intervals ational contact with lov	zone at 9.25-10.60m. Weak amounts of qz-cal +/- blebby py. Barren thin calcite	ing up nin the									
		te / <0.5% pyrite / <0.5% pyrite>> 2-3% pyrite in the form of dissemination/ble n patches in the mottled epidote zones. 0.5-1% pyrite blebs in planar qtz veins.	ebs in	6.50	7.50	1.00	S030752	0.036	0.25	122.5	6.6	35
		weak epidote / weak silica>> Primarily weak to mod epidote altered with weak race sil alteration pervasive throughout.	ak chl	7.50	9.00	1.50	S030753	0.027	0.18	80.6	7.8	30
< <vein: 5.5<br="">parren calcit observed the</vein:>	te and less frequent p	artz-calcite>> 1% veining interval consisting of; dominantly thin wispy network lanar pale gy qtz-py veins with 1-2% blebby pyrite concentrations. Minor pyrite s	stringers	9.00	10.50	1.50	S030754	0.018	0.15	64.8	8.2	41
< <vein: 23.0<br="">race euhed</vein:>		te>> <0.5% veining interval with trace disarticulated thin (mm scale) wispy cal	lcite +/- 1	10.50	12.00	1.50	S030755	0.139	0.32	164	8.2	44
<struc: 9.2<br="">and modera</struc:>		developed fault zone 10 deg. >> Moderate fault zone with 80% oxidized broke	en core 1	12.00	13.50	1.50	S030756	0.877	0.36	112.5	8.8	46
			1	13.50	15.00	1.50	S030757	0.88	0.31	64.7	12.3	39
			1	15.00	16.50	1.50	S030758	0.062	0.08	24.3	5.1	29
			1	16.50	18.00	1.50	S030759	0.16	0.22	39	4.7	22
			1	18.00	19.50	1.50	S030761	1.315	0.49	83.2	6.1	33
				19.50	21.00	1.50	S030762	0.526	0.22	48.1	6	30
			2	21.00	22.00	1.00	S030763	0.273	0.21	6.9	17.9	38





Hole:		BR-1	30										
From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					22.00	23.05	1.05	S030764	0.078	0.21	10.6	10.4	59
23.05	50.69	9 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	greenish grey V-fsh									
defined are r alteration to	replaced v silcap in u nes. 2-3%	vith dark greer inderground co	ediate bedded ash tuff. Unit is very intensely silic n chlorite, beige serecite and dark grey/purple qtz ore at brucejack. Unit contains epidote/chlorite fr s blebs and disseminatons in the matrix. Trace ca	(possible anhydrite). *Similar acture filling along/croscutting									
			rite / 0.5-2.0% pyrite / <0.5% pyrite>> 2% pyrite quently concentrating in ash bands. Trace fractu										
	ilica altera	ation with purp	moderate chlorite / weak sericite / weak epidote leish dark grey qtz (anhydrite). Beds are silcia, s										
< <struc: 34<br="">60 degrees</struc:>		: strongly dev	reloped bedding 60 deg. >> Well-defined beddi	ng in ash tuff. Representation of unit									
					23.05	24.00	0.95	S030765	0.027	0.13	38.1	5.4	38
					24.00	25.50	1.50	S030766	0.009	0.15	45.1	5.8	32
					25.50	27.00	1.50	S030767	0.006	0.37	27.4	7.1	37
					27.00	28.50	1.50	S030768	0.016	0.18	70.2	7	41
					28.50	30.00	1.50	S030769	0.011	0.11	59.6	5.7	44
					30.00	31.50	1.50	S030771	0.009	0.1	63.5	5.8	42
					31.50	33.00	1.50	S030772	0.007	0.06	21.1	8.3	40
					33.00	34.50	1.50	S030773	0.034	0.18	101.5	8.7	47
					34.50	36.00	1.50	S030774	0.172	0.21	69.5	6.2	37
					36.00	37.50	1.50	S030775	1.035	0.22	74.9	9.3	38
					37.50	39.00	1.50	S030776	1.65	0.21	41.9	5.9	31
					39.00	40.50	1.50	S030777	0.597	0.11	10.4	4.2	25
					40.50	42.00	1.50	S030778	0.403	0.08	39	4.7	24
					42.00	43.50	1.50	S030779	0.199	0.1	25.5	8.1	29

43.50

45.00 1.50

S030781

0.026

0.09



7.7

40

56.3



Hole:	BR-	130									
From (m) To	(m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			45.00	46.50	1.50	S030782	1.39	0.47	132	6.4	35
			46.50	48.00	1.50	S030783	3.42	0.71	59.5	6.5	34
			48.00	49.50	1.50	S030784	0.027	0.14	70.8	7.1	38
			49.50	50.69	1.19	S030785	0.04	0.31	159.5	10.2	46
50.69 9	5.34 V8	Mafic volcanic rocks (basaltic- dark green V-lp andesite, basalt; silica content 45-57%)									
pervasive through too to <12cm. Su matrix. Weak amo	hout ash matrix. ( ib meter intervals ounts of pale gy (	mafic lapilli tuff. Primarily weak to mod epidote alteration with weak chl and sil altera Clasts are moderately epi-chl altered and vary from subangular to rounded ranging u showing a epidote mottled texture often associated with 2-3% patchy pyrite within the qz-cal +/- blebby py. Barren thin calcite veinlets. Minor mm scale pyrite stringer n lower bedded ash tuff.	р								
•		nterbed from (65.60-67.28m)									
< <min: -="" 50.69="" 8="" in<="" mineralization="" td=""><td>38:  2.0-5.0% pyri ncreases in disse</td><td>te / 0.5-2.0% pyrite / &lt;0.5% pyrite / traces pyrite / traces sphalerite&gt;&gt; Pyrite minaitons/blebs and minor stringers. Gy cal veins host trace py with rare Fe-rich sph</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	38:  2.0-5.0% pyri ncreases in disse	te / 0.5-2.0% pyrite / <0.5% pyrite / traces pyrite / traces sphalerite>> Pyrite minaitons/blebs and minor stringers. Gy cal veins host trace py with rare Fe-rich sph									
found in matrix a	as disseminations	/ 0.5-2.0% pyrite / <0.5% pyrite / 0.5-2.0% sphalerite / traces galena>> 3-4% pyrites, blebs and mnor stringers. Blebs to concrentrated patches of Fe-rich sphalerite four bs of galena less frequently associated with the sphalerite.									
		chlorite / weak epidote / weak to moderate silica>> Primarily weak to mod epidote on pervasive throughout. Trace sil alteration pervasive throughout.									
		% calcite>> 3-5% veining interval consisting of dominantly white calcite veins/vein ninor pale grey Mn-calcite planar veins with trace pyrite and rare Fe-rich sphalerite or									
			50.69	51.50	0.81	S030786	0.042	0.14	97.2	6.1	38
			51.50	52.50	1.00	S030787	0.029	0.49	241	7.2	49
			52.50	54.00	1.50	S030788	0.016	0.28	186.5	6.5	46
			54.00	55.50	1.50	S030789	0.01	0.25	153.5	5.7	46
			55.50	57.00	1.50	S030791	0.016	0.36	177	9.1	31
			57.00	58.50	1.50	S030792	0.023	0.36	146.5	5.4	29
			58.50	60.00	1.50	S030793	0.038	0.4	182	7.7	31
			60.00	61.50	1.50	S030794	0.029	0.36	155.5	6.5	27





Hole:		BR-130										
From (m)	To (m)	Rock Type & Description			From (m)	To (m) Le	ength Sam	le # Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
					61.50	63.00	1.50 S030	795 0.039	0.43	76	21.4	58
					63.00	64.50	1.50 S030	796 0.03	0.21	72.1	6.8	41
					64.50	66.00	1.50 S030	797 0.05	0.16	57.9	6	40
					66.00	67.50	1.50 S030	798 0.04	0.1	28.1	3.4	18
					67.50	69.00	1.50 S030	799 0.039	0.21	72.2	4.2	41
					69.00	70.50	1.50 S030	801 0.025	0.06	19.4	3.6	57
					70.50	72.00	1.50 S030	802 0.016	0.14	43.3	3.7	57
					72.00	73.50	1.50 S030	803 0.081	0.1	27.5	3.2	26
					73.50	75.00	1.50 S030	804 0.072	0.17	32.8	3.2	35
					75.00		1.50 S030	805 0.069	0.24	55.1	6.5	49
					76.50		1.50 S030		0.28	70	4.9	46
					78.00		1.50 S030		0.39	110.5	5.5	111
					79.50		1.50 S030		0.09	11.8	5.9	57
					81.00		1.50 S030		0.34	24.8	7.3	65
					82.50		1.50 S030		0.3	42.1	61	261
					84.00		1.50 S030		0.15	15	33.3	92
					85.50		1.50 S030		0.13	35.9	6.1	150
					87.00		1.50 S030		0.21	39.7	10.5	522
					88.50		1.50 S030		0.23	44.2	43.8	419
					90.00		1.50 S030		0.2	40.1	32	609
					91.50		1.50 S030		0.24	47.8	25.6	639
					93.00		1.50 S030		0.23	36.8	14.3	191
				_	94.50	95.34 (	0.84 S030	819 0.017	0.2	32.5	10.7	61
95.34	110.00	P Porphyritic rocks	grey	lg-cg								

95.34 - 110: Dark grey felsic feldspar porphory. Dark green mottled chlorite matrix hosts coarse grained anhedral silica/serecite replaced feldspar phenos. Unit has moderate pervasive silica alteration. Moderate mineralization of the matrix consists of mottled pyrite within the matrix with zones of 1-2% Fe-rich sphalerite blebs in the matrix with trace galena associated. Intense brecciated calcite stockwork crosscuts unit, containing patches of sph+gn+py.





Hole:	BR-130										
From (m) To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
	oderate to strong silica / moderate silica / weak to moderate sericite / trace on with trace calcite replacment of matrix. Plag phenos are typically replace serecite.										
brecciated pale grey of contains angular host selvages. Zones of th	28: 10.0-25.0% quartz-base metal sulphides>> 15% veining interval con alcite stockwork crosscuts felsic porphory and lower mafic lapilli tuff unit. B clasts and hosts 0.5% very fine grained pyrite and frequently concrentrated veins system can contain up to 3% Fe-rich sphalerite and 1% galena, typery rare sulfosalt blebs observed.	recciated vein system I as bands and along									
			95.34	96.00	0.66	S030821	0.025	0.15	26.5	20.9	171
			96.00	97.50	1.50	S030822	0.135	0.41	52.8	79.1	1650
			97.50	99.00	1.50	S030823	0.135	0.28	33.4	8.3	2430
			99.00	100.50	1.50	S030824	0.012	0.24	36.2	7.7	109
			100.50	102.00	1.50	S030825	0.014	0.32	33.9	51.6	379
			102.00	103.00	1.00	S030826	0.013	0.65	28.6	221	744
			103.00	103.75	0.75	S030827	0.012	0.42	25.8	50.6	175
			103.75	105.00	1.25	S030828	0.011	1.06	20.4	744	4090
			105.00	106.50	1.50	S030829	0.009	0.42	13.7	18.3	84
			106.50	108.00	1.50	S030831	0.046	0.37	12.3	20.1	80
			108.00	109.00	1.00	S030832	0.064	0.3	14.6	14.3	154
			109.00	110.00	1.00	S030833	0.046	0.61	19	113	169
110.00 129.92	V8 Mafic volcanic rocks (basaltic- grey andesite, basalt; silica content 45-57%)	V-lp	110.00	111.00	1.00	S030834	0.106	1.25	67.3	62.6	33
rounded felsic porphor	ric polymictic lapilli tuff. Weakly calcareous and siliceous course ash matrix y, subangular intermediate and mafic chlorite altered ash tuffs. Weak epido derate to intense mottled py and po patche in matrix. Moderate pale gy calc ntrated pyrite bands.	te and chlorite fracture									
	2.0-5.0% pyrite / 2.0-5.0% pyrite / 0.5-2.0% pyrrhotite / <0.5% pyrite / trace is and blebs oftne asssociated with Po blebs in a mottled texture within the ts.		111.00	112.50	1.50	S030835	0.031	0.97	70.9	41	51
	veak to moderate silica / weak calcite / weak chlorite / weak epidote>> Moveak chl and epidote alteration (fracture controlled).	oderate silica and weak	112.50	114.00	1.50	S030836	0.015	1.11	106	67.4	174





Hole:		BR-130									
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
above stock	kwork (veir	92: 5.0-10.0% calcite-pyrite>> 5% veining interval. Same gy calcite vein breccia system as and BMS mineralization decreases). Gy calcite veins and 2-20cm breccia zones contain 1-2% incentrated on selvages.	114.00	115.50	1.50	S030837	0.019	1.55	127	75.2	190
			115.50	116.28	0.78	S030838	0.009	1.17	133	19.1	77
			116.28	117.00	0.72	S030839	0.009	0.75	112.5	14.9	86
			117.00	118.50	1.50	S030841	0.005	0.81	148.5	14.6	63
			118.50	120.00	1.50	S030842	0.002	1.39	151.5	324	917
			120.00	121.16	1.16	S030843	0.013	0.92	114.5	66.6	191
			121.16	122.44	1.28	S030844	0.036	0.76	74.4	46.8	85
			122.44	123.00	0.56	S030845	0.006	0.66	82.7	48.2	206
			123.00	124.00	1.00	S030846	0.002	0.81	95.7	54	179
			124.00	125.00	1.00	S030847	0.002	0.65	80.6	21.2	83
			125.00	126.00	1.00	S030848	0.015	1.47	108.5	116.5	484
			126.00	127.50	1.50	S030849	0.006	0.6	164	9.5	38
			127.50	128.50	1.00	S030851	0.011	0.77	193.5	8.8	26
			128.50	129.92	1.42	S030852	0.009	0.71	183	39.4	159

129.92 319.00 V4

Intermediate volcanic rocks greenish grey V-lp (Andesite, Latite; Silica content 57-63%)

129.92 - 319: Grey-green intermediate interbedded lapilli/ash tuff. Intensely siliceous/chlorite altered course ash matrix hosts interbeds of 1-55mm subrounded lapillis and less common 1-3m well-defined intensely silicified fine ash beds. Lapilli clast size increases toward the bottom of the unit. Fracture controlled py+po in matrix concentrated up to 5% in zones. Moderate to intense mottled py and po patches in matrix and stringers throughout. Weak pale gy calcite/ veins +/- euhedral py blebs. Grade into short plag crystal tuff unit from 308.14-309.05m.

Py+po mineralization increases 4-5% at 193.22-204.70m in a brecciated matrix. Intense calcite breccia system from 274-287.42m with 1% sph+py and trace gn in bands and selvages.

<<Min: 129.92 - 193.22: 0.5-2.0% pyrite / 0.5-2.0% pyrite / <0.5% pyrrhotite / <0.5% pyrite / <0.5% pyrrhotite>> Mineralization consists of moderate py and po throughout in the form of doisseminations, blebs and stringers. With minor blebs and patches in calcite-chl veins.

<<Min: 193.22 - 247: 2.0-5.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrrhotite / <0.5% pyrite / <0.5% pyrrhotite>> Py+po mineralization increase as blebs and disseminations in breccia zone of the matrix with a significant increase in py+po stringers.





Hole:	1	BR-130									
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		-2.0% pyrite / <0.5% pyrite / 0.5-2.0% pyrite>> 1-2% disseminated/blebby pyrite in the matrix and e in planar calcite veins.									
in the matri subhedral p	ix as disse pyrite in bre	2.0-5.0% pyrite / 2.0-5.0% pyrite / 2.0-5.0% pyrite / 0.5-2.0% sphalerite>> Increase in pyrite 3-4% ninaitons and blebs within the breccia interval. With up to 8% anhedral sooty fine pyrite and shiny ccia and planar calcite veins. (XRF- 3-4% As and 240-315ppm Au). Often Fe-rich sphalerite blebs alcite veinlets and breccia with trace galena blebs.									
< <min: 287<="" td=""><td>7.42 - 300.1</td><td>2: 2.0-5.0% pyrite / 2.0-5.0% pyrite / &lt;0.5% pyrite / traces sphalerite&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	7.42 - 300.1	2: 2.0-5.0% pyrite / 2.0-5.0% pyrite / <0.5% pyrite / traces sphalerite>>									
		2.0-5.0% pyrite / 2.0-5.0% pyrite / traces pyrite>> Moderate to intense 3-5% pyrite in matrix as ottled replacements.									
strong perv	asive silica	: moderate to strong silica / moderate chlorite / trace sericite / weak chlorite>> Moderate to alt with moderate chlorite alt of the matrix. Trace serecite alteration of ash beds (near top of unit). aiton typically occurs in the ash interbeds.									
		: weak chlorite / weak sericite / weak calcite / weak silica>> Silica alteration intensity significantly rite alt of matrix and local serecite matrix/clast replacment of lapillis. Weakly fizzing from calcite in									
		noderate silica / weak to moderate sericite / weak sericite / weak to moderate chlorite>> Silica moderate/strong in ash beds. Moderate ser/chl replacment of clasts. Serecite replaces bedding.									
		1.0-5.0% calcite-chlorite>> 0.5-1% veining interval consisting of; dominantly 1-35mm cal-chl-ank % euhedral py+po blebs/patches.									
Mn-calcite	veins. Cald	0-5.0% calcite-pyrite>> 4% veining interval consisting of; dominantly low angle 1-5cm planar grey te veins are locally brecciated and contain significant 3-5% subhedral pyrite concentraions in selvages. Interval alo contians less common qtz-cal-chl veinlets (1st generation).									
planar and	veinlets al	10.0-25.0% calcite-pyrite>> 12% veining interval consists of an intense calcite breccia. Contains typically very low angle to CA. Shallow veinlets contains up to 5% Fe-rich sphalerite and trace cite veins can contain to 8% banded/patchy subhedral to euhedral pyrite.									
Most signif 315pm Au		calcite vein contains very fine sooty anhedral pyrite 102cm concentratred bands (3-4% As, 240-									
veins to 1%	₀py and Fe	12: 1.0-5.0% calcite-pyrite>> 2% veining interval. Similar to above interval with planar gy calcite rich sphalerite. Minor brecciated calcite veins with pyrite bands. Other disarticulated calcite on-mineralized with rare pyrite min.									
		1.0-5.0% quartz-calcite-chlorite>> 1% veining interval consisting of qtz-cl-chl disatriculated cias with trace pyrite blebs.									
< <struc: 24<="" td=""><td>44.79 - 247</td><td>weakly developed fault zone&gt;&gt; Weak fault zone with minor gouge and 25% broken core.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	44.79 - 247	weakly developed fault zone>> Weak fault zone with minor gouge and 25% broken core.									
		- -	129.92	131.00	1.08	S030853	0.002	0.19	25.2	6.7	29
			131.00	132.50	1.50	S030854	0.002	0.44	129.5	13.3	34





To (m)

From (m)

## **GeoSpark: Drill Hole Report**

Hole: BR-130

**Rock Type & Description** 

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
132.50	134.00	1.50	S030855	0.002	0.19	64.4	32.6	48
134.00	135.50	1.50	S030856	0.002	0.11	32.8	20.6	49
135.50	137.00	1.50	S030857	0.002	0.15	76.6	25.8	44
137.00	138.50	1.50	S030858	0.005	0.2	76.4	42.4	78
138.50	140.00	1.50	S030859	0.008	0.19	98.9	20.1	54
140.00	141.50	1.50	S030861	0.005	0.16	123.5	7.9	42
141.50	143.00	1.50	S030862	0.002	0.15	108.5	9.4	42
143.00	144.50	1.50	S030863	0.006	0.2	122.5	6.1	39
144.50	146.00	1.50	S030864	0.006	0.18	110	6.5	42
146.00	147.50	1.50	S030865	0.002	0.1	61.6	8	63
147.50	149.00	1.50	S030866	0.002	0.08	37.9	9.7	62
149.00	150.50	1.50	S030867	0.002	0.05	29.1	4.7	66
150.50	152.00	1.50	S030868	0.002	0.13	76.1	8.2	60
152.00	153.50	1.50	S030869	0.002	0.24	114	12.8	43
153.50	155.00	1.50	S030871	0.002	0.16	111.5	5.8	56
155.00	156.50	1.50	S030872	0.005	0.22	123.5	5	44
156.50	158.00	1.50	S030873	0.007	0.3	118.5	9.3	120
158.00	159.50	1.50	S030874	0.002	0.14	95	7.2	88
159.50	161.00	1.50	S030875	0.002	0.14	89.6	5.8	88
161.00	162.50	1.50	S030876	0.006	0.15	94.3	5.6	62
162.50	164.00	1.50	S030877	0.01	0.17	97.8	9.1	48
164.00	165.50	1.50	S030878	0.002	0.11	90.3	5.6	42
165.50	167.00	1.50	S030879	0.002	0.09	90.2	6.3	40
167.00	168.50	1.50	S030881	0.002	0.11	74.9	7.1	44
168.50	170.00	1.50	S030882	0.002	0.07	74.1	5.4	54
170.00	171.50	1.50	S030883	0.002	0.08	78.7	6.2	54
171.50	173.00	1.50	S030884	0.002	0.06	60.2	5.6	46
173.00	174.50	1.50	S030885	0.002	0.08	81.5	5.5	37
174.50	176.00	1.50	S030886	0.002	0.07	71.9	6.7	48



Hole: BR-130

From (m) To (m) Rock Type & Description From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best ppm ppm ppm ppm ppm ppm

					ppm	ppm	ppm	ppm	ppm
	176.00	177.50	1.50	S030887	0.002	0.11	111.5	10.8	74
	177.50	179.00	1.50	S030888	0.002	0.09	111	6.9	42
	179.00	180.50	1.50	S030889	0.002	0.11	105.5	6	38
	180.50	182.00	1.50	S030891	0.002	0.12	141	6.4	45
	182.00	183.50	1.50	S030892	0.002	0.11	103.5	5.6	43
	183.50	185.00	1.50	S030893	0.002	0.16	117	7	44
	185.00	186.50	1.50	S030894	0.002	0.14	129.5	8	48
	186.50	188.00	1.50	S030895	0.002	0.16	130	9.7	48
	188.00	189.50	1.50	S030896	0.002	0.13	106	8	52
	189.50	191.00	1.50	S030897	0.002	0.13	129.5	7.9	55
	191.00	192.50	1.50	S030898	0.002	0.18	157.5	9	50
	192.50	194.00	1.50	S030899	0.002	0.26	157.5	6.7	30
	194.00	195.50	1.50	S030901	0.002	0.18	146.5	5.7	44
	195.50	197.00	1.50	S030902	0.006	0.16	168.5	5.8	46
	197.00	198.50	1.50	S030903	0.005	0.12	137	4.2	39
	198.50	200.00	1.50	S030904	0.002	0.09	93.3	2.6	49
	200.00	201.50	1.50	S030905	0.002	0.1	89.9	4.6	43
	201.50	203.00	1.50	S030906	0.002	0.06	64.3	4.7	32
	203.00	203.67	0.67	S030907	0.002	0.15	170	4.9	27
	203.67	204.50	0.83	S030908	0.017	0.55	437	7.6	21
	204.50	206.00	1.50	S030909	0.006	0.12	69	6.9	33
	206.00	207.50	1.50	S030911	0.005	0.14	57.8	9.9	31
	207.50	209.00	1.50	S030912	0.002	0.1	54.5	3.7	34
	209.00	210.50	1.50	S030913	0.002	0.06	39.5	6.2	40
	210.50	212.00	1.50	S030914	0.002	0.08	49.2	5	43
	212.00	213.50	1.50	S030915	0.005	0.16	95.9	5.1	36
	213.50	215.00	1.50	S030916	0.006	0.14	76.7	4.4	24
	215.00	216.50	1.50	S030917	0.002	0.09	49.2	3.2	25
_	216.50	218.00	1.50	S030918	0.002	0.08	84.4	3.9	26





r rom (m)	10 (111)	Length	Sample #	ppm	ppm	ppm	ppm	ppm
218.00	219.50	1.50	S030919	0.008	0.17	95.6	4.9	24
219.50	221.00	1.50	S030921	0.002	0.08	48.8	5.2	31
221.00	222.50	1.50	S030922	0.002	0.09	64.5	5.5	43
222.50	224.00	1.50	S030923	0.008	0.11	76.3	3.5	45
224.00	225.50	1.50	S030924	0.005	0.05	54.5	2.2	42
225.50	227.00	1.50	S030925	0.002	0.07	63.3	4.2	50
227.00	228.50	1.50	S030926	0.006	0.06	57.7	5.2	46
228.50	230.00	1.50	S030927	0.005	0.06	67.4	4.7	41
230.00	231.50	1.50	S030928	0.013	0.1	90.3	6.7	41
231.50	233.00	1.50	S030929	0.005	0.05	39.7	3.3	32
233.00	234.50	1.50	S030931	0.011	0.09	25.7	6.6	32
234.50	236.00	1.50	S030932	0.023	0.12	16.8	10.4	40
236.00	237.50	1.50	S030933	0.024	0.17	33.8	9.1	32
237.50	239.00	1.50	S030934	0.023	0.16	32.2	8.2	38
239.00	240.50	1.50	S030935	0.009	0.11	20.3	5.9	36
240.50	242.00	1.50	S030936	0.013	0.12	32.1	5.5	47
242.00	243.50	1.50	S030937	0.022	0.17	48.6	5.1	33
243.50	245.00	1.50	S030938	0.028	0.16	50.3	5.7	31
245.00	246.50	1.50	S030939	0.027	0.19	54.1	4.5	31
246.50	248.00	1.50	S030941	0.019	0.31	123.5	3.5	36
248.00	249.50	1.50	S030942	0.025	0.45	170.5	3.8	38
249.50	251.00	1.50	S030943	0.006	0.26	110	7.2	33
251.00	252.50	1.50	S030944	0.008	0.27	168.5	7.8	39
252.50	254.00	1.50	S030945	0.013	0.27	155	6.1	41
254.00	255.50	1.50	S030946	0.013	0.36	161	6.2	36
255.50	257.00	1.50	S030947	0.01	0.4	205	7.1	43
257.00	258.50	1.50	S030948	0.007	0.37	213	5.3	41
258.50	260.00	1.50	S030949	0.056	0.35	210	5.6	40
260.00	261.50	1.50	S030951	0.005	0.32	177.5	7.8	70





Hole: BR-130

From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 261.50 263.00 1.50 S030952 0.008 0.36 238 7 71 263.00 264.50 1.50 S030953 0.006 0.6 202 39.3 152

264.50

266.00

267.50

269.00

270.50

272.00

273.00

274.00

275.00

276.00

277.00

278.00

279.00

280.00

281.00

282.00

283.00

284.00

285.00

286.00

287.42

289.00

290.50

292.00

293.50

295.00

296.50

266.00

267.50

269.00

270.50

272.00

273.00

274.00

275.00

276.00

277.00

278.00

279.00

280.00

281.00

282.00

283.00

284.00

285.00

286.00

287.42

289.00

290.50

292.00

293.50

295.00

296.50

298.00

1.50

1.50

1.50

1.50

1.50

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.00

1.42

1.58

1.50

1.50

1.50

1.50

1.50

1.50

S030954

S030955

S030956

S030957

S030958

S030959

S030961

S030962

S030963

S030964

S030965

S030966

S030967

S030968

S030969

S030971

S030972

S030973

S030974

S030975

S030976

S030977

S030978

S030979

S030981

S030982

S030983

0.009

0.007

0.002

0.007

0.006

0.005

0.002

0.016

0.219

0.068

0.008

0.002

0.005

0.019

0.097

0.062

0.03

0.006

0.008

0.01

0.011

0.008

0.006

0.011

0.002

0.008

0.009

0.66

0.42

0.3

0.42

0.26

0.28

0.45

0.93

1.37

0.78

0.53

0.61

0.57

0.5

0.56

2.96

1.17

1

0.7

0.88

1.9

1.17

0.7

0.86

0.63

0.39

0.44

133.5

162

165

138

98.7

91.9

106

73.3

75.8

97.6

92.8

98.2

78.2

22.6

58.9

99.4

132.5

86.4

97.1

116.5

236

150

132

122

100.5

77.1

100.5

97.1

7

6.6

7.3

6.5

5.5

7.3

19.1

211

56.8

39.3

143

193

253

120

1815

194.5

99.8

73.6

91.1

406

331

30.9

81.5

23.5

7.7

8.5

275

42

36

36

74

92

82

83

362

149

180

439

285

146

524

3860

672

3000

352

349

1310

1220

205

340

164

158

164





Hole		BR-130									
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			298.00	299.50	1.50	S030984	0.013	0.73	200	12.5	100
			299.50	301.00	1.50	S030985	0.011	0.45	136	11.4	65
			301.00	302.50	1.50	S030986	0.015	0.45	151.5	8.6	41
			302.50	304.00	1.50	S030987	0.012	0.5	196	7.7	84
			304.00	305.50	1.50	S030988	0.011	0.46	176	8	127
			305.50	307.00	1.50	S030989	0.032	0.57	213	12.2	119
			307.00	308.50	1.50	S030991	0.022	0.47	169	7.1	45
			308.50	310.00	1.50	S030992	0.02	0.62	197	7.6	80
			310.00	311.50	1.50	S030993	0.019	1	244	10.5	91
			311.50	313.00	1.50	S030994	0.018	0.59	178.5	12.3	120
			313.00	314.50	1.50	S030995	0.021	0.36	149.5	10.3	86
			314.50	316.00	1.50	S030996	0.016	0.3	158.5	9.9	102
			316.00	317.50	1.50	S030997	0.026	0.58	290	11.4	94
			317.50	319.00	1.50	S030998	0.03	0.66	369	21.9	90

End of Hole @ 319





Project: Bowser Regional

Hole: BR-133

Prospect:	Hanging Glacier	Survey Type:	DGPS	Logged By:	rsimmonds	Hole Type:	DDS
UTM Grid:	UTM83-9	Survey By:	20.0	Date Started:	9/18/2020	Core Size:	HQ
UTM East:	424861.477	Azimuth:		Date Completed:	9/21/2020	Casing Pulled?	
UTM North:	6260601.579	Dip:		Drill Company:	HyTech	Casing Depth (m):	
UTM Elevation (m):	1327.946	Length (m):	241	Drill Rig:	Н3	Marked?	
Local Grid:		Hole Purpose:	Expl	Drill Started:	9/17/2020	Surveyed?	
Local East:		Drill Target:		<b>Drill Completed:</b>	9/20/2020	Water Production:	NO
Local North:		Comments:				Water Type:	
Local Elevation (m):						Water Depth (m):	
						Structure Type:	



Hole:		BR-	133											
From (m)	To (m)		Rock 1	ype & Description			From (m)	To (m) Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<b>0.00</b> < <min: -="" -<="" 0="" 1="" 12="" <<alt:="" <<vein:="" th=""><th>2.87: No 2.87: &gt;&gt;</th><th></th><th></th><th>n</th><th></th><th>NR</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></min:>	2.87: No 2.87: >>			n		NR								
12.87	142.50	V8		asalt; silica	altic- dark grey	V-csh								
to 30%). Tuff Overprinted b Sub-hederal matrix (<0.5% found as bleb wide) occasion From 12.87-2	aceous moy weak sito euhedra 6), with traces both in onally disc	atrix is mod ilicification. al py is foun ace amounts qz-cal veins continuous a re is a rever	erately chloritized whi Occasional weakly de d as fine-grained strir s seen disseminated i and the matrix. Vein and wispy.	le clasts are variably w veloped mottled textur gers and blebs within n mafic lapilli clasts an ng is weakly develope	er scale sub angular lapilli veak-moderately sil-ser-chres associated with weak progress associated with weak progress as a vein selvaged with planar cal rich qz-card Lapilli Tuff to a mafic ash	al altered. patchy seritization. s blebs hosted in ges. Trace po is al veins (<1.5cm								
					e / traces pyrrhotite>> Py afic lapilli clasts and as ble									
			<0.5% pyrite / <0.5% sseminations along ve		> Pyrite stringers (1%) w	ith blebs in both								
	with qz-ca	l veins and			pyrrhotite>> Pyrite string ghtly more abundant than u									
which host b	olebs of sp	oh (5%) and		he vein and along vein	Set of planar qz-ank veir margins. Disseminations									
					of py form weakly develop ample of trace po in qz-cal									
matrix and c	occasional	chl altered		rinted by weak-mod sil	rite / weak sericite>> Ch licification. Patchy seritzati									
				iron oxide / trace silica ed oxidation. Hosts qz	a>> Albite altered interva -ank-BMS vein.	al with light								





Hole: BR	-133									
rom (m) To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Bes ppm
lterated matrix and occasiona	oderate chlorite / weak silica / weak albite / weak sericite / trace hematite>> Chlorite I patches pinkifiction (heamatite dusted albite) and sericite. beds often associated with qzricite halos. Overprinted by very weak silicification. Weak patchy carbonaceous alteration.									
Vein: 12.87 - 23: 1.0-5.0% of Vispy and discontinuous cal versions.	quartz-calcite>> Planar-undulating cal rich qz-cal veins (<3cm wide) with rare py blebs. eins.									
	alcite>> Planar - discontinuous cal rich qz-cal veins with rare blebs of py +/- po mainly er less abundant low TCA angles (<0.5cm wide). Rare planar to disarticulated moderately wide).									
<vein: -="" 103.35:="" 72="" <1.0="" qual<="" td="">) Planar qz-ank veins.</vein:>	rtz-calcite>> 1) Planar to discontinuous qz-cal veins +/- rare py and po.									
	% quartz-base metal sulphides>> Sheeted qz-ank-BMS veins 0.5-15cm wide containg py. Moderately oxidized along vein margins and into mafic volcanic wall rock. Trace									
<vein: -="" 1.0-5.0%<br="" 105="" 142.5:="">) Planar qz-ank veins (0.3-1.5 ein selvages.</vein:>	quartz-calcite>> 1) Planar to undulating qz-cal +/- chl veins (0.2-2cm wide) cm wide) typically associated with sericite-albite alteration halos and disseminated py in									
		12.87	14.00	1.13	S031001	0.002	0.04	13.7	0.9	24
		14.00	15.50	1.50	S031002	0.002	0.06	25.9	0.8	30
		15.50	17.00	1.50	S031003	0.006	0.17	50.3	1.9	26
		17.00	18.50	1.50	S031004	0.01	0.94	93.6	15.3	50
		18.50	20.00	1.50	S031005	0.002	0.27	128.5	2.7	26
		20.00	21.50	1.50	S031006	0.002	0.15	117	2.5	32
		21.50	23.00	1.50	S031007	0.005	0.12	97.6	1.6	29
		23.00	24.50	1.50	S031008	0.002	0.13	98.7	2.1	36
		24.50	26.00	1.50	S031009	0.002	0.13	80.5	1.8	49
		26.00	27.50	1.50	S031011	0.002	0.01	6.1	0.5	58
		27.50	29.00	1.50	S031012	0.002	0.1	49.5	1.5	46
		29.00	30.50	1.50	S031013	0.002	0.12	47.8	1.7	51
		30.50	32.00	1.50	S031014	0.002	0.16	69.9	2	43
		32.00	33.50	1.50	S031015	0.002	0.17	67.1	2.4	43
		33.50	35.00	1.50	S031016	0.002	0.21	75.1	2.7	32
		35.00	36.50	1.50	S031017	0.002	0.43	199	2.4	52





Hole: BR-133

 From (m)
 To (m)
 To (m)
 Length ppm
 Sample # ppm
 Ag Best ppm
 Cu Best ppm
 Pb Best ppm
 Zn Best ppm

 36.50
 38.00
 1.50
 S031018
 0.002
 0.25
 115.5
 1.7
 62

	,			ppm	ppm	ppm	ppm	ppm
36.50	38.00	1.50	S031018	0.002	0.25	115.5	1.7	62
38.00	39.50	1.50	S031019	0.002	0.21	85.1	2	58
39.50	41.00	1.50	S031021	0.002	0.24	97.4	1.9	64
41.00	42.50	1.50	S031022	0.002	0.37	148	2.5	66
42.50	44.00	1.50	S031023	0.002	0.37	114.5	2	53
44.00	45.50	1.50	S031024	0.002	0.21	85.3	1.5	59
45.50	47.00	1.50	S031025	0.002	0.31	141.5	1.6	66
47.00	48.50	1.50	S031026	0.006	0.26	89.3	2.1	50
48.50	50.00	1.50	S031027	0.002	0.23	96	1.7	57
50.00	51.50	1.50	S031028	0.002	0.18	81.1	0.9	64
51.50	53.00	1.50	S031029	0.002	0.13	74.5	1	65
53.00	54.50	1.50	S031031	0.002	0.33	162.5	5	77
54.50	56.00	1.50	S031032	0.002	0.19	96.4	2.1	67
56.00	57.50	1.50	S031033	0.002	0.22	118.5	1.6	67
57.50	59.00	1.50	S031034	0.002	0.19	65.7	1.7	70
59.00	60.50	1.50	S031035	0.002	0.19	81.6	2.1	63
60.50	62.00	1.50	S031036	0.002	0.19	111	1.7	46
62.00	63.50	1.50	S031037	0.002	0.13	63.6	1.7	54
63.50	65.00	1.50	S031038	0.002	0.1	59.8	1.5	53
65.00	66.50	1.50	S031039	0.002	0.09	58.9	1.2	48
66.50	68.00	1.50	S031041	0.002	0.08	70	1	53
68.00	69.50	1.50	S031042	0.002	0.1	75	1.9	59
69.50	71.00	1.50	S031043	0.002	0.07	62.6	1.2	49
71.00	72.50	1.50	S031044	0.002	0.18	202	1.5	47
72.50	74.00	1.50	S031045	0.002	0.45	152	9.2	88
74.00	75.50	1.50	S031046	0.002	0.03	30.6	0.5	60
75.50	77.00	1.50	S031047	0.002	0.15	154.5	1.5	55
77.00	78.50	1.50	S031048	0.002	0.15	158.5	2.3	47
78.50	80.00	1.50	S031049	0.002	0.18	165.5	2.2	51





Hole: BR-133

 From (m)
 To (m)
 Rock Type & Description
 From (m)
 To (m)
 Length
 Sample #
 Au Best ppm
 Ag Best ppm
 Cu Best ppm
 Pb Best ppm
 Zn Best ppm

 80.00
 81.50
 1.50
 S031051
 0.002
 0.2
 192
 2.2
 56

(,	,			ppm	ppm	ppm	ppm	ppm
80.00	81.50	1.50	S031051	0.002	0.2	192	2.2	56
81.50	83.00	1.50	S031052	0.002	0.24	186.5	5.8	67
83.00	84.50	1.50	S031053	0.002	0.14	138	2.5	56
84.50	86.00	1.50	S031054	0.002	0.13	146.5	1.2	56
86.00	87.50	1.50	S031055	0.002	0.16	201	1.5	56
87.50	89.00	1.50	S031056	0.002	0.13	103.5	2.7	64
89.00	90.50	1.50	S031057	0.002	0.12	116.5	2.6	61
90.50	92.00	1.50	S031058	0.002	0.13	193	1.7	55
92.00	93.50	1.50	S031059	0.002	0.11	158	3.8	49
93.50	95.00	1.50	S031061	0.002	0.07	103	1.5	55
95.00	96.50	1.50	S031062	0.002	0.11	161	1.2	57
96.50	98.00	1.50	S031063	0.002	0.05	79.5	0.8	53
98.00	99.50	1.50	S031064	0.002	0.11	118	2.1	54
99.50	101.00	1.50	S031065	0.002	0.11	84	2.5	55
101.00	102.50	1.50	S031066	0.002	0.17	175.5	1.2	64
102.50	103.35	0.85	S031067	0.002	0.38	186.5	4.6	91
103.35	104.23	0.88	S031068	0.007	15.2	113.5	6890	1140
104.23	105.00	0.77	S031069	0.002	5.61	180.5	39.7	176
105.00	106.50	1.50	S031071	0.002	0.34	151.5	5.5	58
106.50	108.00	1.50	S031072	0.002	0.19	61.7	29.1	76
108.00	109.50	1.50	S031073	0.002	0.16	54.8	2.3	69
109.50	111.00	1.50	S031074	0.002	0.15	66.6	1.7	58
111.00	112.50	1.50	S031075	0.002	0.24	135	4.9	41
112.50	114.00	1.50	S031076	0.002	0.25	96.7	2.3	57
114.00	115.50	1.50	S031077	0.002	0.04	9.7	2	68
115.50	117.00	1.50	S031078	0.002	0.18	67.3	2.8	65
117.00	118.50	1.50	S031079	0.002	0.34	119.5	5.6	60
118.50	120.00	1.50	S031081	0.002	0.2	109.5	4.2	52
120.00	121.50	1.50	S031082	0.002	0.31	82	10.4	62







Hole: BR-13	33									
From (m) To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		121.50	123.00	1.50	S031083	0.002	1.31	78.8	21	95
		123.00	124.50	1.50	S031084	0.002	1.09	119	18.7	93
		124.50	126.00	1.50	S031085	0.002	0.27	70.9	30.9	94
		126.00	127.50	1.50	S031086	0.002	0.21	110.5	2.2	56
		127.50	129.00	1.50	S031087	0.002	0.16	102	6.2	44
		129.00	130.50	1.50	S031088	0.002	0.13	88.2	1.9	37
		130.50	132.00	1.50	S031089	0.002	0.18	103.5	2.1	34
		132.00	133.50	1.50	S031091	0.002	0.16	77	6.7	42
		133.50	135.00	1.50	S031092	0.002	0.2	111.5	3.4	49
		135.00	136.50	1.50	S031093	0.002	0.27	156.5	3.8	62
		136.50	138.00	1.50	S031094	0.002	0.21	141.5	1.9	64
		138.00	139.50	1.50	S031095	0.005	0.14	103	2.1	53
		139.50	141.00	1.50	S031096	0.007	0.16	80	2.8	48
		141.00	142.50	1.50	S031097	0.031	0.34	57.2	13.8	40
142.50 241.00 V8	Mafic volcanic rocks (basaltic- greenish grey V-fsh andesite, basalt; silica content 45-57%)	142.50	144.00	1.50	S031098	0.006	0.23	156	2.6	51
lapilli (up to 5%). Alteration is often be (hematite dusted albite?), seritistion, a very weak silicification with weak-mod found as blebs within qz-cal veins (up selvadges and fine grained dissemina	Grey- Dark Green decimeter scale - laminated ash beds. With sparse fine grained ed confined but overall the unit is moderately chloritized with occasional pinkification and weal patchy carbonaceous alt. Sericite halos proximal to veining. Overprinted by derate silicification typically observed in ash beds. Sub-hederal to euhedral py is to <0.5%), as blebs hosted in matrix (<0.5%), with trace amounts along qz-cal vein ations throughout matrix. Trace po is found as blebs both in qz-cal veins and the with planar qz-ank +/- cal veins (<1.5cm wide) occasionally discontinuous and wispy.									
< <min: -="" 142.5="" 170.5:="" <="" pyrite="" td="" traces=""><td>traces pyrite&gt;&gt; Trace disseminations of py in matrix with rare blebs.</td><td>144.00</td><td>145.50</td><td>1.50</td><td>S031099</td><td>0.002</td><td>0.27</td><td>185.5</td><td>2.6</td><td>62</td></min:>	traces pyrite>> Trace disseminations of py in matrix with rare blebs.	144.00	145.50	1.50	S031099	0.002	0.27	185.5	2.6	62
	/ <0.5% pyrite / <0.5% pyrrhotite / traces pyrite>> Blebs of py in matrix (<1%) and a qz-cl veins (<0.5%) with trace amounts of py diss in matrix.	145.50	147.00	1.50	S031101	0.002	0.18	112	2.5	57
(<1%) in qz-cal veins with occasiona	e / <0.5% pyrite / <0.5% sphalerite / <0.5% pyrrhotite / traces pyrite>> Blebs of py all sph and po blebs(<0.5%). Py is also found as both blebs and disseminations in reakly developed fault zone including a portion of the hanging wall.	147.00	148.50	1.50	S031102	0.005	0.23	161.5	1.8	68
< <min: -="" 199.55="" 241:="" <0.5%="" along="" and="" as<="" margins="" pyrite="" td="" typically="" veins=""><td>traces pyrite / traces pyrrhotite&gt;&gt; Py as blebs (&lt;1%) and po blebs (trace) in qz-cal trace fine disseminations in matrix.</td><td>148.50</td><td>150.00</td><td>1.50</td><td>S031103</td><td>0.002</td><td>0.16</td><td>104.5</td><td>2.2</td><td>71</td></min:>	traces pyrite / traces pyrrhotite>> Py as blebs (<1%) and po blebs (trace) in qz-cal trace fine disseminations in matrix.	148.50	150.00	1.50	S031103	0.002	0.16	104.5	2.2	71





Hole: BF	R-133
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From (m) T	Fo (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
matrix and occ	187: moderate chlorite / weak silica / trace sericite / trace albite / trace hematite>> Chlorite alterated casional patches of pinkifiction (heamatite dusted albite) beds often associated with qz-cal veins in ith sericite halos. Overprinted by weak silicification. Sparse and very weak patchy carbonaceous alteration.	150.00	151.50	1.50	S031104	0.002	0.12	115.5	1.9	56
albite>> Chl	91.47: weak to moderate chlorite / weak to moderate silica / weak sericite / weak carbonate / weak lorite alterated matrix and slightly more silicified (associated with tuffaceous beds). Weak-moderate patchy alteration often associated with pale pinkifiction (heamatite dusted albite) - sericite patches.	151.50	153.00	1.50	S031105	0.005	0.1	109	1.7	58
oxide>> Chl	- 199.55: weak to moderate chlorite / weak to moderate silica / trace sericite / weak carbonate / weak iron orite alterated matrix and weakly silicified (associated with tuffaceous beds). Weak carbonaceous vein eration with weakly oxidized fracture surfaces. This interval represents a weakly developed fault zone.	153.00	154.50	1.50	S031106	0.005	0.13	138.5	1.5	52
alterated matr	- 241: weak to moderate chlorite / weak to moderate silica / weak sericite / weak carbonate>> Chlorite rix and weakly silicified (associated with tuffaceous beds). Weak-moderate patchy carbonaceous alteration ted with pale pinkifiction (hematite dusted albite) - sericite patches.	154.50	156.00	1.50	S031107	0.005	0.12	117.5	1.6	49
	5 - 180.5: <1.0 quartz-calcite>> 1) Planar cal rich qz-cal veins (0.1-0.4cm wide) -/- ank and chl veins (0.3-3cm wide) with sericite-albite alteration halos.	156.00	157.50	1.50	S031108	0.006	0.14	123	2	47
	5 - 191.47: 1.0-5.0% quartz-base metal sulphides>> Planar to undulating qz-cal +/- ank occasionally of sph (<1%) and cpy (trace) 0.2-2cm wide. Trace py is also found along vein selvages.	157.50	159.00	1.50	S031109	0.002	0.12	98.5	2.2	42
	7 - 202.4: 1.0-5.0% quartz-calcite>> Dominantly unmineralized planar to weakly brecciated qz-cal-chl nally with diss and blebs of py (trace-3%) along selvages and trace blebs of sph.	159.00	160.50	1.50	S031111	0.005	0.15	88.9	2.1	41
< <vein: (0.2-<="" 202.4="" selvages="" td=""><td>- 225: 1.0-5.0% quartz-calcite&gt;&gt; Planar to weakly brecciated qz-cl +/- chl veins with (trace-3%) py along -2.5cm wide).</td><td>160.50</td><td>162.00</td><td>1.50</td><td>S031112</td><td>0.012</td><td>0.15</td><td>94</td><td>1.5</td><td>48</td></vein:>	- 225: 1.0-5.0% quartz-calcite>> Planar to weakly brecciated qz-cl +/- chl veins with (trace-3%) py along -2.5cm wide).	160.50	162.00	1.50	S031112	0.012	0.15	94	1.5	48
< <vein: -<="" 225="" td=""><td>238: &lt;1.0 quartz-calcite&gt;&gt; planar qz-cal +/- chl veins 0.2-2cm wide trace py as blebs along vein margins</td><td>162.00</td><td>163.50</td><td>1.50</td><td>S031113</td><td>0.002</td><td>0.15</td><td>95.1</td><td>1.5</td><td>52</td></vein:>	238: <1.0 quartz-calcite>> planar qz-cal +/- chl veins 0.2-2cm wide trace py as blebs along vein margins	162.00	163.50	1.50	S031113	0.002	0.15	95.1	1.5	52
< <vein: -<="" 225="" td=""><td>241: &lt;1.0 quartz-calcite&gt;&gt; planar qz-cal +/- chl veins 0.2-2cm wide trace py as blebs along vein margins</td><td>163.50</td><td>165.00</td><td>1.50</td><td>S031114</td><td>0.002</td><td>0.2</td><td>112</td><td>1.8</td><td>51</td></vein:>	241: <1.0 quartz-calcite>> planar qz-cal +/- chl veins 0.2-2cm wide trace py as blebs along vein margins	163.50	165.00	1.50	S031114	0.002	0.2	112	1.8	51
< <struc: 142.5<="" td=""><td>5 - 169.71: moderately developed bedding 52 deg. &gt;&gt; Modertely-well developed ash interbeds.</td><td>165.00</td><td>166.50</td><td>1.50</td><td>S031115</td><td>0.002</td><td>0.36</td><td>107.5</td><td>2.2</td><td>50</td></struc:>	5 - 169.71: moderately developed bedding 52 deg. >> Modertely-well developed ash interbeds.	165.00	166.50	1.50	S031115	0.002	0.36	107.5	2.2	50
	47 - 199.55: weakly developed fault zone>> Weakly developed fault zone with 40% broken rock minor y intensified qz-cal veining, pyritization and associated weak oxidation along fracture surfaces.	166.50	168.00	1.50	S031116	0.005	0.24	135	2.1	37
< <struc: 199.9<="" td=""><td>95 - 238: moderately developed bedding 51 deg. &gt;&gt; Planar ash tuff bed, 8 cm wide.</td><td>168.00</td><td>169.50</td><td>1.50</td><td>S031117</td><td>0.002</td><td>0.15</td><td>78.2</td><td>1.6</td><td>60</td></struc:>	95 - 238: moderately developed bedding 51 deg. >> Planar ash tuff bed, 8 cm wide.	168.00	169.50	1.50	S031117	0.002	0.15	78.2	1.6	60
< <struc: 199.9<="" td=""><td>95 - 241: moderately developed bedding 51 deg. &gt;&gt; Planar ash tuff bed, 8 cm wide.</td><td>169.50</td><td>171.00</td><td>1.50</td><td>S031118</td><td>0.002</td><td>0.27</td><td>144</td><td>3.2</td><td>58</td></struc:>	95 - 241: moderately developed bedding 51 deg. >> Planar ash tuff bed, 8 cm wide.	169.50	171.00	1.50	S031118	0.002	0.27	144	3.2	58
		171.00	172.50	1.50	S031119	0.002	0.1	52.7	2.4	28
		172.50	174.00	1.50	S031121	0.002	0.2	144.5	1.9	42
		174.00	175.50	1.50	S031122	0.002	0.06	47.2	1.6	53
		175.50	177.00	1.50	S031123	0.002	0.03	9.4	0.9	53
		177.00	178.50	1.50	S031124	0.002	0.25	174.5	2.1	54
		178.50	180.00	1.50	S031125	0.002	0.19	114.5	1.7	39





Hole: BR-133

From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best ppm ppm ppm ppm ppm ppm

				ppm	ppm	ppm	ppm	ppm
180.00	181.50	1.50	S031126	0.002	2.9	112.5	5.9	28
181.50	183.00	1.50	S031127	0.02	0.16	92.2	2.2	36
183.00	184.50	1.50	S031128	0.002	0.14	95.6	2.1	57
184.50	186.00	1.50	S031129	0.002	0.1	57.3	1.9	51
186.00	187.50	1.50	S031131	0.002	0.17	56.9	3.3	47
187.50	189.00	1.50	S031132	0.002	0.49	126	2.8	26
189.00	190.50	1.50	S031133	0.002	0.26	120	1.8	28
190.50	192.00	1.50	S031134	0.002	0.09	67.8	2	35
192.00	193.00	1.00	S031135	0.002	0.16	109.5	2.6	50
193.00	194.00	1.00	S031136	0.002	0.32	95	5.9	37
194.00	195.00	1.00	S031137	0.002	0.38	56.5	12.9	42
195.00	196.00	1.00	S031138	0.002	0.34	65.1	9	71
196.00	197.00	1.00	S031139	0.002	0.48	81.1	55	298
197.00	198.50	1.50	S031141	0.002	0.15	29.5	12.5	149
198.50	200.00	1.50	S031142	0.002	0.19	56.7	7.5	66
200.00	201.50	1.50	S031143	0.002	0.08	27.5	2.5	69
201.50	203.00	1.50	S031144	0.002	0.26	101	5.7	49
203.00	204.50	1.50	S031145	0.002	0.18	89.7	3.6	57
204.50	206.00	1.50	S031146	0.002	0.28	85.4	4.7	67
206.00	207.50	1.50	S031147	0.002	0.24	61.4	9.4	83
207.50	209.00	1.50	S031148	0.002	0.18	40	4.9	73
209.00	210.50	1.50	S031149	0.002	0.13	78.2	5.2	98
210.50	212.00	1.50	S031151	0.002	0.13	36.2	11.2	97
212.00	213.50	1.50	S031152	0.002	0.13	85.1	7.7	93
213.50	215.00	1.50	S031153	0.002	0.13	79.2	8.6	109
215.00	216.50	1.50	S031154	0.002	0.15	73.9	6	86
216.50	218.00	1.50	S031155	0.006	0.22	69.3	6.3	84
218.00	219.50	1.50	S031156	0.002	0.61	83.7	8.6	83
219.50	221.00	1.50	S031157	0.002	0.13	50.4	7.4	104





Hole		BR-133										
From (m)	To (m)	Rock Type & De	escription	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				221.00	222.50	1.50	S031158	0.013	0.26	118.5	13	101
				222.50	224.00	1.50	S031159	0.002	0.11	39.2	7.4	90
				224.00	225.50	1.50	S031161	0.009	0.19	78.1	7.2	85
				225.50	227.00	1.50	S031162	0.002	0.21	12.5	10	98
				227.00	228.50	1.50	S031163	0.002	0.18	44.7	15.4	121
				228.50	230.00	1.50	S031164	0.002	0.13	40.4	11.2	74
				230.00	231.50	1.50	S031165	0.002	0.11	41.1	10.9	91
				231.50	233.00	1.50	S031166	0.005	0.22	52	14.4	103
				233.00	234.50	1.50	S031167	0.002	0.11	63.3	9.9	103
				234.50	236.00	1.50	S031168	0.002	0.11	53.1	7.9	39
				236.00	237.50	1.50	S031169	0.002	0.06	29.3	6.2	45
				237.50	239.00	1.50	S031171	0.002	0.1	47	5.8	91
				239.00	240.00	1.00	S031172	0.002	0.12	48.2	8.9	59
				240.00	241.00	1.00	S031173	0.018	0.16	89	4.5	56

End of Hole @ 241





Project: **Bowser Regional** 

Hole: BR-136

> **Prospect:** Hanging Glacier **Survey Type:** Logged By: hmaguire **Hole Type:** DGPS DDS **UTM Grid:** UTM83-9 Survey By: **Date Started:** 9/22/2020 **Core Size:** HQ 9/26/2020 **Casing Pulled? UTM East:** 424810.832 Azimuth: **Date Completed: Drill Company:** HyTech Casing Depth (m): **UTM North:** 6261308.071 Dip: UTM Elevation (m): **Drill Rig:** Marked? 1298.723 Length (m): 332 Н3 9/21/2020 **Hole Purpose: Drill Started:** Surveyed? Expl **Local Grid: Drill Target: Drill Completed:** 9/25/2020 Water Production: NO **Local East:** Water Type: Comments: **Local North:** Water Depth (m): Local Elevation (m):

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Comments Values?
0	1stREFLEX	9/21/2020	-44.7	206.1	19.5	225.6	55185	lacksquare
23	REFLEX	9/21/2020	-44.7	206.1	19.5	225.6	55185	lacksquare
92	REFLEX	9/21/2020	-44.8	207.1	19.5	226.6	55150	lacksquare
125	REFLEX	9/22/2020	-44.4	207.9	19.5	227.4	55121	lacksquare
176	REFLEX	9/22/2020	-43.6	209	19.5	228.5	55143	lacksquare
227	REFLEX	9/23/2020	-42.2	210.4	19.5	229.9	55026	✓
278	REFLEX	9/24/2020	-40.1	212.5	19.5	232	55186	✓
329	REFLEX	9/24/2020	-37.6	216.2	19.5	235.7	54823	✓



**Structure Type:** 



Hole:	BR-1	36											
From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
<b>0.00</b> 0 - 9.6: Overl	9.60 OVB burden	overburden		NR									
	9.6: Nothing Recorded: 9.6: Not recorded Unmit 6:>>												
				_	9.60	10.50	0.90	S031201	0.006	0.27	92.7	33.9	111
9.60	313.94 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	greenish grey	V-csh	10.50	12.00	1.50	S031202	0.006	0.44	191.5	39.2	114
TCA) beds m Grains domir clasts found i throughout (s obvious in co throughout (o subhedral py contain disar of brecciated	nore distinct downhole. In antly comprised of more towards the bottom other some identified QSP altiparser intervals. Contain arb replacement often stringers (both <.5%) the ticulated cal veinlet networks are to 18cm wide qz-cal veinlet networks.	Green and gray with intervals that contain lamin Other intervals appear more massive because of derately well sorted fine to coarse ash. Interval ewise sparse fine grained lapilli (up to 5%). Var and examples of patchy carb+epi alt. Chl replais aggregates (including blebs, clots and bands associated with py aggregates). There is also enhroughout. Wispy networks of cal fracture fill the works. Planar cal + qz veins <1.5 cm (usually <a href="mailto:al-chl+/-">al-chl+/-</a> py veins. Veins containing py often als loped faulted intervals. Minor pinkification (mn)	of alteration overprinting of (85-92m) of coarse ash warying pervasive to patchy aced clasts throughout, but ) of subhedral py betweer with edition of the country of the roughout. More silicified in 5.5cm) and below 67m a feato have black silicious mains.	of textures.  ith lapilli size  chl+ser+sil alt  it more  1 2-3%  & fine grained  atervals often  we examples									
	- 25.5: 0.5-2.0% pyrite / o anhedral fine grained.	/ <0.5% pyrite / traces pyrite>> Aggregates in	clude blebs+bands+clots	~2%.	12.00	13.50	1.50	S031203	0.005	0.4	85.5	40.6	131
Stringers (fi	ne grained anhedral to	subhedral)											
< <min: 25.5<="" td=""><td>5 - 30: 0.5-2.0% pyrite /</td><th>0.5-2.0% pyrite / traces pyrite / traces pyrite&gt;&gt; al but difficult to tell. ~2%.</th><th>QSP zone filled with ble</th><td>ebs &lt;1.5mm</td><td>13.50</td><td>15.00</td><td>1.50</td><td>S031204</td><td>0.007</td><td>0.32</td><td>78.5</td><td>42.3</td><td>117</td></min:>	5 - 30: 0.5-2.0% pyrite /	0.5-2.0% pyrite / traces pyrite / traces pyrite>> al but difficult to tell. ~2%.	QSP zone filled with ble	ebs <1.5mm	13.50	15.00	1.50	S031204	0.007	0.32	78.5	42.3	117
Aggregates	~2%. Subhedral to anh	edral fine grained.											
Tr euhdral d	liss and py stringers fine	e subhedral.											
< <min: -<="" 30="" td=""><td></td><th>&lt;0.5% pyrite / &lt;0.5% pyrite&gt;&gt; Aggregates inc</th><th>elude blebs+bands+clots ~</th><td>3%.</td><td>15.00</td><td>16.50</td><td>1.50</td><td>S031205</td><td>0.01</td><td>0.3</td><td>59.2</td><td>39.6</td><td>147</td></min:>		<0.5% pyrite / <0.5% pyrite>> Aggregates inc	elude blebs+bands+clots ~	3%.	15.00	16.50	1.50	S031205	0.01	0.3	59.2	39.6	147





Hole:		BR-136									
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		5.0% pyrite / <0.5% pyrite / <0.5% pyrite / traces pyrite>> Aggregates include ubhedral to anhedral fine grained dominantly.	16.50	18.00	1.50	S031206	0.064	0.97	198	32.1	152
Some minor	fine grained su	ubhedral (some euhedral grains) py clots in brecciated veins.									
< <min: 150.6<="" td=""><td>88 - 168: 0.5-2</td><td>2.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite / traces pyrite&gt;&gt; QSP zone</td><td>18.00</td><td>19.50</td><td>1.50</td><td>S031207</td><td>0.018</td><td>0.54</td><td>85.4</td><td>44.8</td><td>115</td></min:>	88 - 168: 0.5-2	2.0% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite / traces pyrite>> QSP zone	18.00	19.50	1.50	S031207	0.018	0.54	85.4	44.8	115
Aggregates in	nclude blebs+	bands+clots ~2%. Subhedral to anhedral fine grained dominantly.									
Blebs dissem	ninated in grou	indmass subhedral 2%.									
Trace stringe	ers fine grained	d subhedral									
<1% euhedra	al py dissemina	ated									
		% pyrite / <0.5% pyrite / <0.5% pyrite / <0.5% pyrite>> Aggregates include ubhedral to anhedral fine grained dominantly.	19.50	21.00	1.50	S031208	0.016	0.79	85.4	36.3	125
Stringers are	fine grained.										
Examples of	subhedral py	clots in veins.									
		% pyrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite / <0.5% pyrite / <0.5% pyrite >> Py blebs and aggs grained. (minor amounts of py getting towards euhedral in these masses.	21.00	22.50	1.50	S031209	0.071	0.42	23	38.6	85
Some clots (	open space fill	) of py suhedral fine grained in brecciated qz-cal-chl veins.									
Trace amoun	nts of hem in q	z-cal veins (brick red coloring)									
		2.0% pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> Py blebs and aggs ~.5% both subhedral fine py getting towards euhedral in these masses.	22.50	24.00	1.50	S031211	0.112	0.28	7	26.9	78
		i-2.0% pyrite / <0.5% pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> QSP zone with blebs (2mm rin groundmass.	24.00	25.50	1.50	S031212	1.04	0.67	6.8	25.3	41
Fine grained	py disseminat	ed in some vein selvages and minor clots of fine grained subhedral py.									
< <min: 247.5<="" td=""><td>5 - 270: 0.5-2.</td><td>0% pyrite / 0.5-2.0% pyrite / &lt;0.5% pyrite / &lt;0.5% pyrite&gt;&gt; Aggregates 1.2-2%</td><td>25.50</td><td>27.00</td><td>1.50</td><td>S031213</td><td>1.92</td><td>0.97</td><td>9.3</td><td>53.8</td><td>97</td></min:>	5 - 270: 0.5-2.	0% pyrite / 0.5-2.0% pyrite / <0.5% pyrite / <0.5% pyrite>> Aggregates 1.2-2%	25.50	27.00	1.50	S031213	1.92	0.97	9.3	53.8	97
Fine grained	anhedral to su	ubhedral stringers									
Fine grained	clots in some	veins.									





Hole	: 1	BR-136									
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
	0 - 279: 0.5-2.0 edral py in grou	% pyrite / 0.5-2.0% pyrite / <0.5% pyrite / <0.5% pyrite>> QSP zone with blebs (2mm wide) of undmass.	27.00	28.50	1.50	S031214	0.249	0.44	6.5	52.8	104
Fine graine	ed py dissemina	ated in some vein selvages and minor clots of fine grained subhedral py.									
< <min: 279<br="">euhedral p</min:>		2.0% pyrite / <0.5% pyrite / <0.5% pyrite / <0.5% pyrite >> Disseminated	28.50	30.00	1.50	S031215	0.315	0.66	27.7	59.8	91
Other py fi	ne grained and	subhedral.									
< <alt: 9.6<="" td=""><td>- 25.5: weak to</td><td>moderate chlorite / weak to moderate carbonate / weak silica / weak sericite / trace chlorite&gt;&gt;</td><td>30.00</td><td>31.50</td><td>1.50</td><td>S031216</td><td>0.128</td><td>1.08</td><td>75.2</td><td>57.2</td><td>94</td></alt:>	- 25.5: weak to	moderate chlorite / weak to moderate carbonate / weak silica / weak sericite / trace chlorite>>	30.00	31.50	1.50	S031216	0.128	1.08	75.2	57.2	94
< <alt: 25.5<="" td=""><td>- 30: moderate</td><td>e sericite / weak silica / weak chlorite / weak chlorite / trace carbonate&gt;&gt;</td><td>31.50</td><td>33.00</td><td>1.50</td><td>S031217</td><td>0.046</td><td>1.49</td><td>186</td><td>60</td><td>90</td></alt:>	- 30: moderate	e sericite / weak silica / weak chlorite / weak chlorite / trace carbonate>>	31.50	33.00	1.50	S031217	0.046	1.49	186	60	90
		sericite / weak to moderate silica / weak chlorite / trace chlorite / trace carbonate>> QSP zone seminated in rock mass.	33.00	34.50	1.50	S031218	0.191	0.28	16	24.3	54
< <alt: -<="" 38="" td=""><td>54: moderate</td><td>chlorite / weak to moderate sericite / weak silica / weak chlorite / weak carbonate&gt;&gt;</td><td>34.50</td><td>36.00</td><td>1.50</td><td>S031219</td><td>0.596</td><td>0.42</td><td>11.9</td><td>48.7</td><td>124</td></alt:>	54: moderate	chlorite / weak to moderate sericite / weak silica / weak chlorite / weak carbonate>>	34.50	36.00	1.50	S031219	0.596	0.42	11.9	48.7	124
	91: moderate : carbonate>>	sericite / moderate silica / weak to moderate chlorite / weak to moderate chlorite / weak to	36.00	37.50	1.50	S031221	0.24	0.26	5.7	27.8	51
< <alt: -<="" 91="" td=""><td>116: moderate</td><td>e chlorite / weak to moderate silica / trace sericite / trace carbonate / trace epidote&gt;&gt;</td><td>37.50</td><td>39.00</td><td>1.50</td><td>S031222</td><td>0.039</td><td>0.61</td><td>128</td><td>32.2</td><td>64</td></alt:>	116: moderate	e chlorite / weak to moderate silica / trace sericite / trace carbonate / trace epidote>>	37.50	39.00	1.50	S031222	0.039	0.61	128	32.2	64
< <alt: 116="" sericite="">&gt;</alt:>	- 132: moderat	te to strong chlorite / moderate silica / weak to moderate chlorite / weak carbonate / trace	39.00	40.50	1.50	S031223	0.149	0.78	144.5	26.2	78
< <alt: 132<="" td=""><td>- 150.68: mode</td><td>erate chlorite / weak to moderate chlorite / weak silica / trace carbonate&gt;&gt;</td><td>40.50</td><td>42.00</td><td>1.50</td><td>S031224</td><td>0.195</td><td>0.96</td><td>158</td><td>26.9</td><td>96</td></alt:>	- 150.68: mode	erate chlorite / weak to moderate chlorite / weak silica / trace carbonate>>	40.50	42.00	1.50	S031224	0.195	0.96	158	26.9	96
		erate silica / weak to moderate sericite / weak to moderate chlorite / weak chlorite / trace ng zone with blebs of fine grained by in matrix.	42.00	43.50	1.50	S031225	0.264	0.94	165	18.8	99
		erate to strong chlorite / moderate chlorite / weak to moderate silica / weak sericite / weak quency back and forth of alteration that is bed controlled (lamination to <5cm scale)	43.50	45.00	1.50	S031226	0.048	0.55	73.1	34.2	117
		noderate silica / moderate carbonate / moderate chlorite / weak to moderate sericite / weak ency back and forth of alteration that is bed controlled (lamination to <5cm scale)	45.00	46.50	1.50	S031227	0.081	0.48	10.4	53.5	121
< <alt: 244.="" blebs.<="" td=""><td>.45 - 247.5: mo</td><td>oderate silica / moderate sericite / weak chlorite / trace chlorite&gt;&gt; QSP looking zone with py</td><td>46.50</td><td>48.00</td><td>1.50</td><td>S031228</td><td>0.287</td><td>1.85</td><td>63.8</td><td>47.8</td><td>134</td></alt:>	.45 - 247.5: mo	oderate silica / moderate sericite / weak chlorite / trace chlorite>> QSP looking zone with py	46.50	48.00	1.50	S031228	0.287	1.85	63.8	47.8	134
< <alt: 247.<="" td=""><td>.5 - 270: moder</td><td>rate chlorite / moderate carbonate / weak to moderate silica / weak sericite / weak chlorite&gt;&gt;</td><td>48.00</td><td>49.50</td><td>1.50</td><td>S031229</td><td>0.109</td><td>0.78</td><td>72.8</td><td>44.7</td><td>157</td></alt:>	.5 - 270: moder	rate chlorite / moderate carbonate / weak to moderate silica / weak sericite / weak chlorite>>	48.00	49.50	1.50	S031229	0.109	0.78	72.8	44.7	157
< <alt: 270<="" td=""><td>- 279: modera</td><td>te silica / moderate sericite / weak chlorite / trace chlorite&gt;&gt;</td><td>49.50</td><td>51.00</td><td>1.50</td><td>S031231</td><td>0.045</td><td>0.6</td><td>58.8</td><td>56.5</td><td>148</td></alt:>	- 279: modera	te silica / moderate sericite / weak chlorite / trace chlorite>>	49.50	51.00	1.50	S031231	0.045	0.6	58.8	56.5	148
< <alt: 279<="" td=""><td>- 313.94: mode</td><td>erate chlorite / weak to moderate silica / weak chlorite / weak carbonate / trace sericite&gt;&gt;</td><td>51.00</td><td>52.50</td><td>1.50</td><td>S031232</td><td>0.12</td><td>0.87</td><td>154</td><td>26.6</td><td>121</td></alt:>	- 313.94: mode	erate chlorite / weak to moderate silica / weak chlorite / weak carbonate / trace sericite>>	51.00	52.50	1.50	S031232	0.12	0.87	154	26.6	121





Hole:	BR-136									
From (m) To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
	0% quartz-calcite>> Planar cal + qz veins <1.5 cm (usually <.5cm) and below 67m a few up to 16 cm wide qz-cal-chl + py veins.	52.50	54.00	1.50	S031233	0.13	0.52	111	48.6	129
Py stringers throughout a	re often isolated and not consistent in direction. So not in sub veining, but mentioned in min.									
py veins <1cm wide. High	quartz-calcite>> Planar qz-cal vein (som ankerite) <2cm wide. Low angle disarticualted qz-ca angle cal veins <.5cm wide.lrregular/networked cal fracture fill throughout. There is a low angle 159.75m but cannot do anything with It because it is in fault rubble.		55.50	1.50	S031234	0.216	0.61	75.8	32.9	131
disarticulated <2.5 cm wid throughout. Examples of i	quartz-calcite-pyrite-chlorite>> Planar to weakly undulatory qz-cal-chl+-py veins often de. Planar to weakly undulatory cal veins <1cm throughout. Random networks of cal fracture fill solated veins throughout. Some brecciated looking veins (can see what looks like ductile softeds, sometimes sharply disarticulated, throughout). Can see some qz-cal-chl pieces of d.	55.50	57.00	1.50	S031235	0.135	0.7	72.1	31.8	93
< <vein: -="" 1.0-5.<="" 230="" 287:="" td=""><td>0% quartz-calcite-chlorite&gt;&gt; Planar qz-cal+/-chl veins &lt;1.5 cm wide.</td><td>57.00</td><td>58.50</td><td>1.50</td><td>S031236</td><td>0.084</td><td>0.91</td><td>70.7</td><td>35.7</td><td>153</td></vein:>	0% quartz-calcite-chlorite>> Planar qz-cal+/-chl veins <1.5 cm wide.	57.00	58.50	1.50	S031236	0.084	0.91	70.7	35.7	153
Qz-cal-chl+/- py planar to	weakly undualtory <4cm wide (some chlorite in veins appears crustaform)									
Cal fracture fill. In these w	reakly fractured intervals some minor disarticulation does occur of veins.									
< <vein: (son<="" -="" 287="" 313.94:="" <1="" brecciated="" qz-cal-chl="" td=""><td>.0 quartz-calcite-chlorite&gt;&gt; Planar &lt;1cm wide qz-cal-/+chl veins. Larger &lt;2cm wide planar to ne pinkish mn calcite). Some veins are disarticulated.</td><td>58.50</td><td>60.00</td><td>1.50</td><td>S031237</td><td>0.52</td><td>1.36</td><td>126</td><td>41.3</td><td>112</td></vein:>	.0 quartz-calcite-chlorite>> Planar <1cm wide qz-cal-/+chl veins. Larger <2cm wide planar to ne pinkish mn calcite). Some veins are disarticulated.	58.50	60.00	1.50	S031237	0.52	1.36	126	41.3	112
< <struc: -="" 17.5="" 21:="" td="" weakl<=""><td>y developed fault zone 70 deg. &gt;&gt; Sporadic faulted interval made up of fault rubble.</td><td>60.00</td><td>61.50</td><td>1.50</td><td>S031238</td><td>0.16</td><td>0.67</td><td>61.6</td><td>35.8</td><td>101</td></struc:>	y developed fault zone 70 deg. >> Sporadic faulted interval made up of fault rubble.	60.00	61.50	1.50	S031238	0.16	0.67	61.6	35.8	101
< <struc: -="" 45="" 49.15:="" a="" best="" clea<="" estimated,="" not="" td="" weal=""><td>kly developed fault zone 60 deg. &gt;&gt; Sporadic faulted interval made up of fault rubble. TCA is ir cut contact.</td><td>61.50</td><td>63.00</td><td>1.50</td><td>S031239</td><td>0.177</td><td>0.59</td><td>82.8</td><td>35.9</td><td>144</td></struc:>	kly developed fault zone 60 deg. >> Sporadic faulted interval made up of fault rubble. TCA is ir cut contact.	61.50	63.00	1.50	S031239	0.177	0.59	82.8	35.9	144
< <struc: -="" 55="" 59:="" degrees.<="" td="" throughout="" weakly="" ~50=""><td>developed fault zone 50 deg. &gt;&gt; Faulted interval full of fault rubble where the dominant TCA</td><td>63.00</td><td>64.50</td><td>1.50</td><td>S031241</td><td>0.038</td><td>0.56</td><td>99.8</td><td>18.5</td><td>81</td></struc:>	developed fault zone 50 deg. >> Faulted interval full of fault rubble where the dominant TCA	63.00	64.50	1.50	S031241	0.038	0.56	99.8	18.5	81
< <struc: -="" 64.85="" 66.6:="" degr<="" tca="" td="" throughout="" we="" ~60=""><td>eakly developed fault zone 60 deg. &gt;&gt; Faulted interval full of fault rubble where the dominant ees.</td><td>64.50</td><td>66.00</td><td>1.50</td><td>S031242</td><td>0.06</td><td>0.38</td><td>57.7</td><td>24.7</td><td>79</td></struc:>	eakly developed fault zone 60 deg. >> Faulted interval full of fault rubble where the dominant ees.	64.50	66.00	1.50	S031242	0.06	0.38	57.7	24.7	79
	rately developed fault zone 55 deg. >> Faulted interval full of fault rubble and minor fault nt TCA throughout ~45-65 degrees.	66.00	67.50	1.50	S031243	0.411	0.6	74.5	55	126
	y developed fault zone 35 deg. >> Faulted interval full of fault rubble. Difficult to find tca but degrees from top of contact. (low confidence on TCA.	67.50	69.00	1.50	S031244	0.13	0.69	45.2	76.8	217
	veakly developed fault zone 30 deg. >> Faulted interval full of fault rubble. Difficult to find tca ~30 degrees from top of contact. (low confidence on TCA, but upper contact similar as faulted	69.00	70.50	1.50	S031245	0.176	0.62	49.7	69.8	204



interval above)



Hole	:	BR-136									
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
	of large fa	weakly developed fault zone>> Interval full of sporadic weakly developed faulted zones <1m that ult rubble blocks (maybe drilling related?). At best a sporadically developed structure throughout. No	70.50	72.00	1.50	S031246	0.135	0.35	12.7	41.4	136
**If we wer	e allowed	I would say this is sporadically developed.									
< <struc: 1="" gauge.<="" no="" td=""><td>34.54 - 13 Distinct T0</td><td>B.1: weakly developed fault zone&gt;&gt; Weakly developed fault with large pieces of fault rubble and CA not visible.</td><td>72.00</td><td>73.50</td><td>1.50</td><td>S031247</td><td>0.048</td><td>0.49</td><td>28.2</td><td>34.4</td><td>75</td></struc:>	34.54 - 13 Distinct T0	B.1: weakly developed fault zone>> Weakly developed fault with large pieces of fault rubble and CA not visible.	72.00	73.50	1.50	S031247	0.048	0.49	28.2	34.4	75
< <struc: 1<br="">gauge. Dis</struc:>	39.9 - 142 stinct TCA	5: weakly developed fault zone>> Weakly developed fault with large pieces of fault rubble and no not visible.	73.50	75.00	1.50	S031248	0.03	0.55	110.5	33.3	93
		moderately developed fault zone 35 deg. >> Moderatly developed faulted interval with small and fault gauge. TCA estimated @ 35 degrees.	75.00	76.50	1.50	S031249	0.072	0.69	148.5	34.7	104
< <struc: 2<="" td=""><td>31.65 - 23</td><td>3.15: moderately developed fault zone 24 deg. &gt;&gt; Fault rubble and minor gauge.</td><td>76.50</td><td>78.00</td><td>1.50</td><td>S031251</td><td>0.204</td><td>0.66</td><td>85.8</td><td>44.2</td><td>133</td></struc:>	31.65 - 23	3.15: moderately developed fault zone 24 deg. >> Fault rubble and minor gauge.	76.50	78.00	1.50	S031251	0.204	0.66	85.8	44.2	133
		weakly developed fault zone 70 deg. >> Just fault rubble no gauge best estimate of TCA is 70 to be sure).	78.00	79.50	1.50	S031252	0.172	0.73	89	42.1	101
			79.50	81.00	1.50	S031253	0.022	0.48	146.5	23.9	92
			81.00	82.50	1.50	S031254	0.031	0.46	113.5	42.9	354
			82.50	84.00	1.50	S031255	0.014	0.57	78.3	47.2	89
			84.00	85.50	1.50	S031256	0.041	0.69	66.9	47.6	132
			85.50	87.00	1.50	S031257	0.045	0.64	51.3	36.4	199
		_	87.00	88.50	1.50	S031258	0.006	0.23	9.2	28.5	168
		-	88.50	90.00	1.50	S031259	0.016	0.55	11	44.6	113
			90.00	91.50	1.50	S031261	0.034	0.41	17.6	28.2	111
		-	91.50	93.00	1.50	S031262	0.399	1.03	56.7	26.1	1330
		-	93.00	94.50	1.50	S031263	0.621	0.95	138	16	129
		-	94.50	96.00	1.50	S031264	0.777	0.77	165	16.7	130
		-	96.00	97.50	1.50	S031265	0.457	0.79	160.5	35.9	227
			97.50	99.00	1.50	S031266	0.292	0.81	153	24.3	267
			99.00	100.50	1.50	S031267	0.199	0.88	162.5	18.7	518
		-	100.50	102.00	1.50	S031268	0.294	0.83	136	17.4	240
		-	102.00	103.50	1.50	S031269	0.132	0.74	109	19.1	263
		-	103.50	105.00	1.50	S031271	0.065	0.81	82.1	28.4	467
		-	105.00	106.50	1.50	S031272	0.509	1	56.2	24.7	112





Hole: BR-136

From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best

From (m)	10 (m)	Length	Sample #	ppm	Ag Best ppm	ppm ppm	ppm ppm	2n Best ppm
106.50	108.00	1.50	S031273	0.108	0.79	85.8	15.8	133
108.00	109.50	1.50	S031274	0.109	0.41	45.7	21.1	138
109.50	111.00	1.50	S031275	0.174	0.58	79.7	14.5	151
111.00	112.50	1.50	S031276	0.188	0.52	72.2	20	162
112.50	114.00	1.50	S031277	0.665	1.31	115.5	41	1230
114.00	115.50	1.50	S031278	0.228	0.92	76.9	28.5	176
115.50	117.00	1.50	S031279	0.17	1.69	195.5	21.7	230
117.00	118.50	1.50	S031281	0.396	1.65	128.5	25.2	338
118.50	120.00	1.50	S031282	0.296	1.27	91.7	30.4	333
120.00	121.50	1.50	S031283	0.138	1.47	129.5	22	279
121.50	123.00	1.50	S031284	0.076	1.43	158	32.7	189
123.00	124.50	1.50	S031285	0.114	0.93	90.3	26.5	228
124.50	126.00	1.50	S031286	0.092	1.01	127.5	33.5	261
126.00	127.50	1.50	S031287	0.097	1.28	79.8	77.9	397
127.50	129.00	1.50	S031288	0.122	1.4	169	19.7	218
129.00	130.50	1.50	S031289	0.106	1.19	134.5	22.7	218
130.50	132.00	1.50	S031291	0.051	0.63	91.6	14.9	118
132.00	133.50	1.50	S031292	0.062	0.53	80.8	21.5	128
133.50	135.00	1.50	S031293	0.079	0.58	98	13.7	133
135.00	136.50	1.50	S031294	0.08	0.64	97.5	21.7	183
136.50	138.00	1.50	S031295	0.069	0.67	83.5	15.4	109
138.00	139.50	1.50	S031296	0.174	0.68	89.8	14.9	270
139.50	141.00	1.50	S031297	0.406	1.02	106	15.7	541
141.00	142.50	1.50	S031298	0.164	1.05	163	24.5	285
142.50	144.00	1.50	S031299	0.063	0.72	51.1	37.7	261
144.00	145.50	1.50	S031301	0.082	1.24	121	20	193
145.50	147.00	1.50	S031302	0.109	1.71	168.5	27.2	170
147.00	148.50	1.50	S031303	0.121	1.35	167.5	24.5	110
148.50	150.00	1.50	S031304	0.047	0.63	25.3	18.9	89





Hole: BR-136

From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 150.00 151.50 1.50 S031305 0.174 1.4 95.5 19.8 108 151.50 153.00 1.50 S031306 0.147 2.79 23.1 141.5 84 153.00 154.50 1.50 S031307 0.066 2.93 151.5 23.4 108 154.50 156.00 1.50 S031308 0.056 1.32 122 13 94 156.00 157.50 1.50 S031309 0.248 0.87 125.5 33.7 119 157.50 159.00 1.50 S031311 0.147 1.52 124 25.6 68 159.00 160.50 1.50 S031312 0.38 1.69 154 12.7 124 160.50 162.00 1.50 S031313 0.646 1.4 113 28.8 284 162.00 163.50 1.50 S031314 0.111 2.27 73.9 25.7 282 163.50 165.00 1.50 S031315 0.058 1.27 62.1 93 31.1 165.00 166.50 1.50 S031316 0.053 0.74 43.3 44.9 66 166.50 168.00 1.50 S031317 0.116 1.33 86.9 153.5 476 168.00 169.50 1.50 S031318 0.394 0.78 104 23.1 103 169.50 171.00 1.50 S031319 0.197 2.04 209 145.5 245 171.00 172.50 1.50 S031321 0.159 0.53 123.5 18.1 105 172.50 174.00 1.50 S031322 0.284 0.92 12.9 84 101 174.00 175.50 1.50 S031323 0.112 0.46 73.9 15 89 175.50 177.00 1.50 S031324 0.286 0.8 141 19.8 101 177.00 178.50 1.50 S031325 0.313 1 114.5 25.4 120 178.50 180.00 1.50 S031326 0.231 0.71 93.8 29.2 119 1.50 S031327 180.00 181.50 0.285 4.33 192 45.1 201 181.50 183.00 1.50 S031328 0.248 6.18 140 41.4 225 183.00 184.50 1.50 S031329 0.38 2.71 334 25.2 168 184.50 186.00 1.50 S031331 0.175 0.55 24.7 89 145.5 186.00 187.50 1.50 S031332 0.36 2.37 220 24.8 144 187.50 189.00 1.50 S031333 0.358 0.57 75.7 21.4 115 189.00 190.50 1.50 S031334 0.335 0.52 17.5 48.9 106 190.50 192.00 S031335 0.66 0.56 1.50 53.3 28.8 84 192.00 193.50 1.50 S031336 0.139 0.74 81.6 24.2 133





From (m)

## **GeoSpark: Drill Hole Report**

Hole: BR-136 To (m)

**Rock Type & Description** 

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
193.50	195.00	1.50	S031337	0.163	0.74	203	28.4	153
195.00	196.50	1.50	S031338	0.345	0.74	256	20.1	150
196.50	198.00	1.50	S031339	0.26	0.81	372	17.3	142
198.00	199.50	1.50	S031341	0.342	1.35	275	37.5	151
199.50	201.00	1.50	S031342	0.421	1.45	295	16.3	197
201.00	202.50	1.50	S031343	0.245	1.1	199.5	36.6	167
202.50	204.00	1.50	S031344	0.158	0.94	100.5	56.8	125
204.00	205.50	1.50	S031345	0.07	0.8	75.1	31.3	98
205.50	207.00	1.50	S031346	0.224	0.86	93.6	28.1	107
207.00	208.50	1.50	S031347	0.05	0.57	33	28.2	86
208.50	210.00	1.50	S031348	0.107	1.24	83.6	33.5	241
210.00	211.50	1.50	S031349	0.373	2.17	203	24.7	126
211.50	213.00	1.50	S031351	0.167	2.03	313	17.9	94
213.00	214.50	1.50	S031352	0.228	1.5	172.5	26	140
214.50	216.00	1.50	S031353	0.097	0.76	129	23.9	135
216.00	217.50	1.50	S031354	0.232	1.46	124	30.9	125
217.50	219.00	1.50	S031355	0.938	3.59	272	26.7	314
219.00	220.50	1.50	S031356	0.542	2.83	311	41.7	443
220.50	222.00	1.50	S031357	0.263	2.61	310	71.4	650
222.00	223.50	1.50	S031358	0.311	1.28	137	41.2	178
223.50	225.00	1.50	S031359	0.239	1.05	159.5	28.4	107
225.00	226.50	1.50	S031361	0.164	1.58	106	86.8	194
226.50	228.00	1.50	S031362	0.342	1.25	197	20.4	190
228.00	229.50	1.50	S031363	0.241	1.15	196	19.5	129
229.50	231.00	1.50	S031364	0.241	0.96	142.5	11.9	116
231.00	232.50	1.50	S031365	0.258	0.96	174	36.4	132
232.50	234.00	1.50	S031366	0.324	0.79	160.5	21	106
234.00	235.50	1.50	S031367	0.324	0.6	99.5	28.1	109
235.50	237.00	1.50	S031368	0.152	0.63	120	17.8	122



From (m) To (m)

## **GeoSpark: Drill Hole Report**

Hole: BR-136

Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
	237.00	238.50	1.50	S031369	0.236	0.9	148	9.6	130
	238.50	240.00	1.50	S031371	0.203	0.93	137	7	112
	240.00	241.50	1.50	S031372	0.158	0.7	113	6.2	117
	241.50	243.00	1.50	S031373	0.317	1.18	154	13	100
	243.00	244.50	1.50	S031374	0.667	2.11	235	11.4	94
	244.50	246.00	1.50	S031375	0.13	1.36	142	21.7	76
	246.00	247.50	1.50	S031376	0.235	2.21	182	20.8	148
	247.50	249.00	1.50	S031377	0.121	2.37	212	20.1	195
	249.00	250.50	1.50	S031378	0.077	0.9	183.5	12.2	139
	250.50	252.00	1.50	S031379	0.058	0.81	189	9.3	118
	252.00	253.50	1.50	S031381	0.051	0.77	179.5	10.2	119
	253.50	255.00	1.50	S031382	0.225	1.19	311	17.2	182
	255.00	256.50	1.50	S031383	0.156	1.21	198.5	23.9	191
	256.50	258.00	1.50	S031384	0.246	1.38	211	30.1	154
	258.00	259.50	1.50	S031385	0.11	1.41	298	32.2	239
	259.50	261.00	1.50	S031386	0.098	1.1	229	30.3	185
	261.00	262.50	1.50	S031387	0.109	1.3	246	23.9	207
	262.50	264.00	1.50	S031388	0.191	1.2	227	22.1	330
	264.00	265.50	1.50	S031389	0.237	1.19	249	18.4	248
	265.50	267.00	1.50	S031391	0.226	0.78	208	15	175
	267.00	268.50	1.50	S031392	0.36	0.99	297	12.9	166
	268.50	270.00	1.50	S031393	0.261	0.88	197.5	9.2	132
	270.00	271.50	1.50	S031394	0.304	2.44	283	9.7	125
	271.50	273.00	1.50	S031395	0.502	1.45	296	12.7	146
	273.00	274.50	1.50	S031396	0.586	1.38	369	17.5	222
	274.50	276.00	1.50	S031397	0.26	0.94	288	15.7	154
	276.00	277.50	1.50	S031398	0.3	1.19	297	17.9	150
	277.50	279.00	1.50	S031399	0.293	1.34	388	16.8	164
	279.00	280.50	1.50	S031401	0.384	1.3	293	23.8	179





Hole: BR-136

From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best ppm ppm ppm ppm ppm ppm ppm

,	,	. 0.		ppm	ppm	ppm	ppm	ppm
280.50	282.00	1.50	S031402	0.371	1.18	333	14.6	200
282.00	283.50	1.50	S031403	0.331	1.19	293	25.8	167
283.50	285.00	1.50	S031404	0.236	1.25	251	29.7	197
285.00	286.50	1.50	S031405	0.222	1.13	196	14	175
286.50	288.00	1.50	S031406	0.2	0.98	212	11.5	183
288.00	289.50	1.50	S031407	0.201	1.41	219	80.4	322
289.50	291.00	1.50	S031408	0.216	1.04	222	37.4	219
291.00	292.50	1.50	S031409	0.289	1.36	282	22	194
292.50	294.00	1.50	S031411	0.299	2	377	24.8	180
294.00	295.50	1.50	S031412	0.254	1.43	301	20.8	182
295.50	297.00	1.50	S031413	0.252	1.25	221	25.5	186
297.00	298.50	1.50	S031414	0.27	1.25	244	29.3	264
298.50	300.00	1.50	S031415	0.372	1.36	320	12.2	221
300.00	301.50	1.50	S031416	0.513	1.75	302	13.5	149
301.50	303.00	1.50	S031417	0.428	1.44	312	15.2	156
303.00	304.50	1.50	S031418	0.372	1.58	347	17.3	220
304.50	306.00	1.50	S031419	0.248	1.73	363	29.4	271
306.00	307.50	1.50	S031421	0.27	1.27	275	20.4	164
307.50	309.00	1.50	S031422	0.303	1.23	272	16.4	166
309.00	310.50	1.50	S031423	0.317	1.48	306	29	175
310.50	312.00	1.50	S031424	0.462	1.58	348	19.9	202
312.00	313.00	1.00	S031425	0.358	1.82	395	24.7	125
313.00	313.94	0.94	S031426	0.281	1.29	260	39.4	137
313.94	315.00	1.06	S031427	0.294	2.8	270	22.5	156





Hole:		BR-13	6									
From (m)	To (m)		Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
313.94	332.00	0 V8	Mafic volcanic rocks (basaltic- greenish grey V-csh andesite, basalt; silica content 45-57%)	315.00	316.50	1.50	S031428	0.454	1.39	316	23.1	287
overall the un silicification w within qz-cal v fine grained d	nit is mod vith weak veins (up dissemina	erately chloritize -moderate silicifi to <0.5%), as b	Grey- Dark Green decimeter scale ash beds. Alteration is often bed confined but d, seritistion, and weak patchy carbonaceous alt. Overprinted by very weak cation typically observed in ash beds. Sub-hederal to euhedral py is found as blebs lebs hosted in matrix (<0.5%), with trace amounts along qz-cal vein selvages and t matrix. Veining is weakly developed with planar qz +/- cal veins (<1.5cm wide)	s								
< <min: 313.9<="" td=""><td>94 - 332:</td><td>&lt;0.5% pyrite / &lt;</td><td>&lt;0.5% pyrite / &lt;0.5% pyrite / traces pyrite&gt;&gt; Fine grained disseminated.</td><td>316.50</td><td>318.00</td><td>1.50</td><td>S031429</td><td>0.35</td><td>1.45</td><td>315</td><td>19.3</td><td>220</td></min:>	94 - 332:	<0.5% pyrite / <	<0.5% pyrite / <0.5% pyrite / traces pyrite>> Fine grained disseminated.	316.50	318.00	1.50	S031429	0.35	1.45	315	19.3	220
			te chlorite / weak silica / trace sericite / trace carbonate / trace epidote>> Chlorite Weak patchy carbonaceous alteration often associated sericite patches.	e 318.00	319.50	1.50	S031431	0.584	2.04	439	20.8	271
< <vein: 313<br="">patchy epi a</vein:>		: <1.0 quartz-ca	lcite>> Planar qz-cal veins <.5cm wide. Low angle qz-cal-py subhedral with	319.50	321.00	1.50	S031432	0.431	1.6	357	16.8	306
				321.00	322.50	1.50	S031433	0.306	1.15	249	11.9	240
				322.50	324.00	1.50	S031434	0.441	0.97	206	12.2	344
				324.00	325.50	1.50	S031435	0.653	1.5	304	12.3	1060
				325.50	327.00	1.50	S031436	0.622	1.62	342	15.4	353
				327.00	328.50	1.50	S031437	0.607	2.1	358	9	203
				328.50	330.00	1.50	S031438	0.362	0.96	193	5.3	240
				330.00	331.00	1.00	S031439	0.27	1.15	220	7.8	237
				331.00	332.00	1.00	S031441	0.151	0.74	136	4.5	204

End of Hole @ 332





Project: Bowser Regional

Hole: BR-139

**Prospect:** Hanging Glacier **Survey Type:** Logged By: **Hole Type:** DGPS jbaldwin DDS **UTM Grid:** UTM83-9 Survey By: **Date Started:** 9/26/2020 **Core Size:** HQ 9/28/2020 **Casing Pulled? UTM East:** 424811.845 Azimuth: **Date Completed: Drill Company:** HyTech Casing Depth (m): **UTM North:** 6261309.282 Dip: UTM Elevation (m): 341.6 **Drill Rig:** Marked? 1301.03 Length (m): Н3 9/25/2020 **Hole Purpose:** Expl **Drill Started:** Surveyed? **Local Grid: Drill Target: Drill Completed:** 9/27/2020 Water Production: NO **Local East:** Water Type: Comments: **Local North:** Water Depth (m): Local Elevation (m): **Structure Type:** 

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	d Accept Comments Values?
0	1stREFLEX	9/25/2020	-65.9	206.1	19.5	225.6	56002	
11.6	REFLEX	9/25/2020	-65.9	206.1	19.5	225.6	56002	
62.6	REFLEX	9/25/2020	-65.9	206.5	19.5	226	54986	
113.6	REFLEX	9/25/2020	-66	207.8	19.5	227.3	55130	
164.6	REFLEX	9/26/2020	-66.1	209.4	19.5	228.9	54830	
212.6	REFLEX	9/26/2020	-66.2	209.7	19.5	229.2	55149	
263.6	REFLEX	9/26/2020	-66.4	210.9	19.5	230.4	54516	
314.6	REFLEX	9/27/2020	-66.4	211.6	19.5	231.1	55254	✓
341.6	REFLEX	9/27/2020	-66.5	211.8	19.5	231.3	54991	





Hole:	BR-	139										
From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	3.40 OVB	overburden	NR									
< <min: -="" 0="" 3<="" td=""><td>3.4: Nothing Record</td><td>ed&gt;&gt; ovb</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	3.4: Nothing Record	ed>> ovb										
< <min: -="" 0="" 3<="" td=""><td>3.4: Not recorded Un</td><td>mineralized Zone&gt;&gt; ovb</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	3.4: Not recorded Un	mineralized Zone>> ovb										
< <alt: -="" 0="" 3<="" td=""><td>.4: &gt;&gt; missing ove</td><td>rburden</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	.4: >> missing ove	rburden										
				3.40	4.50	1.10	S031451	0.07	0.3	24.2	32.9	72
3.40	150.50 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	grey V-csh	4.50	6.00	1.50	S031452	0.033	0.44	95.2	33.6	95
altered w mo (cheetah princlasts. 0.5% zone from 73	ottled pyrite. Sub 1m i nt). Overall, 1.5% agg blv. Generally low ve 3.36-78.65m.	Variable weak to mod chl+ser+sil alt. Coarse ash n ntervals of bedded, finer ash are present, increasing gregates of sub py, includes blebs and clots (possible in density, dominant type is planar qtz-cal sub 1cm vite / 0.5-2.0% pyrite / <0.5% pyrite>> 0.5% pyrite as	with depth.Pyrite spherules preser e spherules). 0.5% mottled sub py i veins. Moderately developed fault		7.50	1.50	S031453	0.011	0.4	195	33.1	87
		ed in clasts, <0.5% blebs in veins	50 0									
		e / 0.5-2.0% pyrite / 0.5-2.0% pyrite / traces chalcop formed into bands (possible spehrules) 0.75% mott		7.50	9.00	1.50	S031454	0.023	0.44	239	48.8	99
< <min: -<br="" 69="">blebs and c</min:>	- 80.6: 0.5-2.0% pyrit clots (possible spehru	e / 0.5-2.0% pyrite / 0.5-2.0% pyrite / <0.5% pyrite>> les). 0.5% stringers, 0.5 blv. <0.5% banded (1cm) w	<ul> <li>1.5% sub py aggregates include ithin fault zone.</li> </ul>	9.00	10.50	1.50	S031455	0.018	0.44	248	46.3	106
		yrite / 0.5-2.0% pyrite / 0.5-2.0% pyrite>> 1.5% ag led py in clasts. 1.5% blv.	gregates include blebs and clots	10.50	12.00	1.50	S031456	0.019	0.47	242	63.4	132
		te silica / weak to moderate sericite / weak chlorite / ges in dominant min. matrix of coarser units weakly		12.00	13.50	1.50	S031457	0.012	0.32	106	47.2	139
< <alt: -<="" 69="" td=""><td>80.6: moderate silica</td><td>/ moderate sericite / weak chlorite&gt;&gt; around fault</td><td>zone shows increased sil and ser</td><td>13.50</td><td>15.00</td><td>1.50</td><td>S031458</td><td>0.009</td><td>0.24</td><td>49.7</td><td>39.7</td><td>150</td></alt:>	80.6: moderate silica	/ moderate sericite / weak chlorite>> around fault	zone shows increased sil and ser	13.50	15.00	1.50	S031458	0.009	0.24	49.7	39.7	150
	alt, no standout chan	derate silica / weak to moderate sericite / weak to moges in dominant min. matrix of coarser units weakly		15.00	16.50	1.50	S031459	0.012	0.32	64.6	43.1	127
	4 - 69:  1.0-5.0% quar py in clasts	tz-calcite>> sparse veining, dom type mm scale q	cal planar veins. 4cm bx qz-pcc	16.50	18.00	1.50	S031461	0.015	0.63	78.8	38.9	115
< <vein: 69<="" td=""><td>- 80.6: 1.0-5.0% qua</td><td>urtz-calcite&gt;&gt; gz-cal-ankerite vein , 2cm wide at 80</td><td>m</td><td>18.00</td><td>19.36</td><td>1.36</td><td>S031462</td><td>0.035</td><td>0.63</td><td>84.8</td><td>49.3</td><td>118</td></vein:>	- 80.6: 1.0-5.0% qua	urtz-calcite>> gz-cal-ankerite vein , 2cm wide at 80	m	18.00	19.36	1.36	S031462	0.035	0.63	84.8	49.3	118
		······································										





Hole:	BR-139
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From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <struc: 5.2<="" td=""><td>28 - 5.36: w</td><td>veakly developed fault zone 60 deg. &gt;&gt;</td><td>20.00</td><td>21.50</td><td>1.50</td><td>S031464</td><td>0.04</td><td>0.99</td><td>113</td><td>51.7</td><td>138</td></struc:>	28 - 5.36: w	veakly developed fault zone 60 deg. >>	20.00	21.50	1.50	S031464	0.04	0.99	113	51.7	138
< <struc: 38<="" td=""><td>.92 - 38.94:</td><td>weakly developed fault zone 25 deg. &gt;&gt;</td><td>21.50</td><td>23.00</td><td>1.50</td><td>S031465</td><td>0.087</td><td>1.1</td><td>72.8</td><td>56.9</td><td>97</td></struc:>	.92 - 38.94:	weakly developed fault zone 25 deg. >>	21.50	23.00	1.50	S031465	0.087	1.1	72.8	56.9	97
< <struc: 73="" rubble<="" td=""><td>.36 - 78.65:</td><td>moderately developed fault zone 30 deg. &gt;&gt; well dev gouge, series of 3 gouged zones with</td><td>23.00</td><td>24.50</td><td>1.50</td><td>S031466</td><td>0.163</td><td>0.63</td><td>45.5</td><td>49.5</td><td>90</td></struc:>	.36 - 78.65:	moderately developed fault zone 30 deg. >> well dev gouge, series of 3 gouged zones with	23.00	24.50	1.50	S031466	0.163	0.63	45.5	49.5	90
			24.50	26.00	1.50	S031467	0.095	0.28	6.3	44.4	116
			26.00	27.50	1.50	S031468	0.616	0.49	6.9	62.7	94
			27.50	29.00	1.50	S031469	0.243	0.3	6.8	54.7	104
			29.00	30.50	1.50	S031471	0.319	0.33	5.5	56.4	65
			30.50	32.00	1.50	S031472	0.05	0.31	23.9	78.6	191
			32.00	33.50	1.50	S031473	0.03	0.21	5.8	64.1	66
			33.50	35.00	1.50	S031474	0.064	0.21	8.8	40.3	89
			35.00	36.50	1.50	S031475	0.065	0.53	49.3	48.6	118
			36.50	38.00	1.50	S031476	0.03	0.88	94	59.9	106
			38.00	39.50	1.50	S031477	0.046	0.66	79.9	52.5	73
			39.50	41.00	1.50	S031478	0.085	0.17	2.5	28.4	39
			41.00	42.50	1.50	S031479	0.215	0.21	5.5	30.7	34
			42.50	44.00	1.50	S031481	0.763	0.39	22.5	12.6	45
			44.00	45.50	1.50	S031482	0.08	0.44	71.4	16.6	58
			45.50	47.00	1.50	S031483	0.131	0.64	128	29.8	74
			47.00	48.50	1.50	S031484	0.04	0.82	167.5	31.3	89
			48.50	50.00	1.50	S031485	0.062	0.56	99.5	31.7	85
			50.00	51.50	1.50	S031486	1.435	0.81	114	37.7	57
			51.50	53.00	1.50	S031487	0.091	0.46	69.3	40.4	62
			53.00	54.50	1.50	S031488	0.102	0.61	115	20.3	81
			54.50	56.00	1.50	S031489	0.028	0.74	89.1	42.3	81
			56.00	57.50	1.50	S031491	0.041	0.66	125.5	38.6	88
			57.50	59.00	1.50	S031492	0.045	0.57	146.5	29.7	100
			59.00	60.50	1.50	S031493	0.023	0.29	57.7	23.8	121
			60.50	62.00	1.50	S031494	0.103	0.5	131.5	19.1	98
			62.00	63.50	1.50	S031495	0.305	0.44	44.6	35.6	159





From (m)

To (m)

## **GeoSpark: Drill Hole Report**

Hole: BR-139

Rock Type & Description

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
63.50	65.00	1.50	S031496	0.063	0.24	20.3	24.1	124
65.00	66.50	1.50	S031497	0.15	0.44	76.6	39.8	112
66.50	68.00	1.50	S031498	0.152	0.47	79.8	31.4	168
68.00	69.50	1.50	S031499	0.128	0.45	34.6	23.9	88
69.50	71.00	1.50	S031501	0.173	0.51	118.5	18	71
71.00	72.50	1.50	S031502	0.06	0.55	91.6	45.3	125
72.50	74.00	1.50	S031503	0.171	0.77	67	89.6	370
74.00	75.50	1.50	S031504	0.598	1.32	77.6	74.9	185
75.50	77.00	1.50	S031505	0.917	1.41	53	59.8	294
77.00	78.50	1.50	S031506	1.595	1.07	83	18.3	388
78.50	80.00	1.50	S031507	0.27	0.59	81.9	20.6	340
80.00	81.50	1.50	S031508	0.314	0.81	119.5	15.9	184
81.50	83.00	1.50	S031509	0.344	0.78	58.8	21.2	168
83.00	84.50	1.50	S031511	0.214	1.46	116.5	18	371
84.50	86.00	1.50	S031512	0.224	1.45	84.4	25.6	395
86.00	87.50	1.50	S031513	0.155	0.91	49.4	26.2	497
87.50	89.00	1.50	S031514	0.282	1.02	44.1	87.9	221
89.00	90.50	1.50	S031515	0.524	1.38	108.5	55.6	177
90.50	92.00	1.50	S031516	0.517	1.22	63.4	32.7	155
92.00	93.50	1.50	S031517	0.339	1.23	132	21.8	154
93.50	95.00	1.50	S031518	0.146	1.07	111	16.5	222
95.00	96.50	1.50	S031519	0.117	0.88	99	24.7	293
96.50	98.00	1.50	S031521	0.156	1.07	134.5	28.4	318
98.00	99.50	1.50	S031522	0.323	1.08	155.5	27	521
99.50	101.00	1.50	S031523	0.236	1.3	108	30.7	339
101.00	102.50	1.50	S031524	0.802	1.46	190.5	25.7	322
102.50	104.00	1.50	S031525	5.16	3.72	328	42	528
104.00	105.50	1.50	S031526	0.129	0.84	116	20.1	119
105.50	107.00	1.50	S031527	0.201	1.4	173.5	16	214





Hole: BR-139

From (m) To (m) **Rock Type & Description** From (m) To (m) Length Sample # Ag Best Pb Best Au Best Cu Best Zn Best ppm ppm ppm ppm ppm 107.00 108.50 1.50 S031528 0.148 0.87 110 18.6 143 108.50 110.00 1.50 S031529 0.227 1.29 22.2 137 116 110.00 111.50 1.50 S031531 0.361 1.13 122 15.7 171 111.50 113.00 1.50 S031532 0.244 0.89 105 13 182 113.00 114.50 1.50 S031533 0.347 0.97 70.2 17.6 229 114.50 116.00 1.50 S031534 0.44 1.14 80.6 56.2 200 116.00 117.50 1.50 S031535 0.316 1.05 129 122.5 288 117.50 119.00 1.50 S031536 0.202 1.18 146 32.8 203 119.00 120.50 1.50 S031537 0.1 1.09 107 80.4 342 120.50 122.00 1.50 S031538 0.2 1.13 64.3 110 246 122.00 123.50 1.50 S031539 1.08 0.267 176.5 21 266 123.50 125.00 1.50 S031541 0.302 0.96 89.5 49.9 508 125.00 126.50 1.50 S031542 0.167 1.82 128 44.9 207 126.50 128.00 1.50 S031543 0.067 1.18 111.5 31.8 216 128.00 129.50 1.50 S031544 0.94 0.061 78.5 51.2 111 129.50 131.00 1.50 S031545 0.066 1.34 26.4 109 112 131.00 132.50 1.50 S031546 0.232 1.58 154 25.6 174 132.50 134.00 1.50 S031547 0.215 1.72 114.5 217 885 134.00 135.50 1.50 S031548 0.036 1.33 118.5 1020 90.9 135.50 137.00 1.50 S031549 0.667 2.49 235 38 138 1.50 137.00 138.50 S031551 0.043 0.49 74.6 32.9 211 138.50 140.00 1.50 S031552 0.1 0.87 121 19.3 156 140.00 141.50 1.50 S031553 0.061 0.97 115.5 16.5 82 141.50 143.00 1.50 S031554 0.161 1.27 26 88 149 143.00 144.50 1.50 S031555 0.118 1.04 120 26.7 101 144.50 146.00 1.50 S031556 0.098 0.72 27.7 60.2 89 146.00 147.50 1.50 S031557 0.055 0.38 17 71 39.3

147.50

149.00

149.00

150.50

1.50

1.50

S031558

S031559

0.066

0.255

0.3

0.42



8.2

11.7

107

68

64.3

47.7





Hole:	BR-13	9											
From (m)	To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
150.50	298.80 V4	Intermediate volcanic rocks (Andesite, Latite; Silica content 57-63%)	blueish green	V-fsh	150.50	152.00	1.50	S031561	0.402	0.47	78.4	14.7	83
weak to mod ser+sil. Smal Overall 1% p	d chl+ser+sil alt, bedding o all ep patches, some w py l	h tuff, decimeter beds. Gradational contact wit omposition controlled. Coarser beds have cark nalos/interiors. Weak pinkification in mod-stron ts. Slight increase in mineralization in coarser a neralized.	+chl alt matrix, finer beds g sil+ser zone from 290.6	s have more -295.47.									
< <min: 150.<="" td=""><td></td><td>1% py aggregates - blebs, clots, some with e</td><td>o halos/interiors. Min mor</td><td>eso in</td><td>152.00</td><td>153.50</td><td>1.50</td><td>S031562</td><td>0.258</td><td>0.66</td><td>105</td><td>19.6</td><td>86</td></min:>		1% py aggregates - blebs, clots, some with e	o halos/interiors. Min mor	eso in	152.00	153.50	1.50	S031562	0.258	0.66	105	19.6	86
	- 278.2: 0.5-2.0% pyrite / % of total) <1% aggregate	0.5-2.0% pyrite / <0.5% pyrite>> <1% py dis	eeminated in coarse inter	vals, few	153.50	155.00	1.50	S031563	0.143	0.54	86.3	17.2	99
< <min: 278<="" td=""><td>3.2 - 298.17: 0.5-2.0% pyri</td><td>te / 0.5-2.0% pyrite&gt;&gt; 1.5% banded in coars</td><td>e zones, &lt;1% aggregates</td><td>(blebs)</td><td>155.00</td><td>156.50</td><td>1.50</td><td>S031564</td><td>0.577</td><td>0.66</td><td>105</td><td>20.7</td><td>108</td></min:>	3.2 - 298.17: 0.5-2.0% pyri	te / 0.5-2.0% pyrite>> 1.5% banded in coars	e zones, <1% aggregates	(blebs)	155.00	156.50	1.50	S031564	0.577	0.66	105	20.7	108
	3.17 - 341.6: 0.5-2.0% pyri 3% stringers, 0.5% blebs. 1	te / <0.5% pyrite / <0.5% pyrite / traces chalco race cpy in vein at 323.4	oyrite>> overall 2% diss	seminated	156.50	158.00	1.50	S031565	1.86	1.32	124.5	13.6	101
epidote>>	Variable weak to mod ch	/ weak to moderate silica / weak to moderate (I+ser+sil alt, bedding controlled. Small ep patox, and more chl, finer beds have more sericite/	hes, some w py halos/inte		158.00	159.50	1.50	S031566	0.1	0.51	113.5	11.5	98
		/ weak to moderate sericite / weak to moderat natrix, finest beds still show mod ser alt, coarso			159.50	161.00	1.50	S031567	0.356	0.83	186.5	10.6	83
		trong silica / moderate sericite / weak potassic ne from 290.6-295.47. Ser increases. Top of zo			161.00	162.50	1.50	S031568	0.328	0.71	254	14.5	109
		a / weak to moderate chlorite / weak to modera matrix and in planar veins. Matrix is carb replac		erate	162.50	164.00	1.50	S031569	0.264	0.86	152.5	20.8	159
< <vein: 163<="" td=""><td>3 - 204: 1.0-5.0% quartz-c</td><td>calcite&gt;&gt; dom by dis qz-cal veins, few pcc ve</td><td>ins</td><td></td><td>164.00</td><td>165.50</td><td>1.50</td><td>S031571</td><td>0.278</td><td>0.98</td><td>90.9</td><td>45.2</td><td>213</td></vein:>	3 - 204: 1.0-5.0% quartz-c	calcite>> dom by dis qz-cal veins, few pcc ve	ins		164.00	165.50	1.50	S031571	0.278	0.98	90.9	45.2	213
< <vein: 204<="" td=""><td>4 - 220: 1.0-5.0% quartz-</td><td>calcite&gt;&gt;</td><td></td><td></td><td>165.50</td><td>167.00</td><td>1.50</td><td>S031572</td><td>0.247</td><td>1.25</td><td>131</td><td>35.8</td><td>175</td></vein:>	4 - 220: 1.0-5.0% quartz-	calcite>>			165.50	167.00	1.50	S031572	0.247	1.25	131	35.8	175
< <vein: 220="" measure<="" td="" to=""><td></td><td>uartz-calcite-chlorite&gt;&gt; two 40-60cm, bx qz-c</td><td>al-pcc-chl veins, roughly 3</td><td>30deg, hard</td><td>167.00</td><td>168.50</td><td>1.50</td><td>S031573</td><td>0.204</td><td>0.91</td><td>119</td><td>32</td><td>110</td></vein:>		uartz-calcite-chlorite>> two 40-60cm, bx qz-c	al-pcc-chl veins, roughly 3	30deg, hard	167.00	168.50	1.50	S031573	0.204	0.91	119	32	110
< <vein: 222<="" td=""><td>2.75 - 231: 1.0-5.0% quar</td><td>tz-calcite&gt;&gt; sparse dis and planar qtz-cal+ch</td><td>l veins</td><td></td><td>168.50</td><td>170.00</td><td>1.50</td><td>S031574</td><td>0.243</td><td>1.13</td><td>142</td><td>33.1</td><td>182</td></vein:>	2.75 - 231: 1.0-5.0% quar	tz-calcite>> sparse dis and planar qtz-cal+ch	l veins		168.50	170.00	1.50	S031574	0.243	1.13	142	33.1	182
< <vein: 231<="" td=""><td>1 - 243.32: 1.0-5.0% quar</td><td>tz-calcite&gt;&gt;</td><td></td><td></td><td>170.00</td><td>171.50</td><td>1.50</td><td>S031575</td><td>0.633</td><td>1.41</td><td>254</td><td>22.5</td><td>98</td></vein:>	1 - 243.32: 1.0-5.0% quar	tz-calcite>>			170.00	171.50	1.50	S031575	0.633	1.41	254	22.5	98
<<\/ein: 241	3.32 - 244.49: >50.0% qu	artz-chlorite>> massive, barren gtz chl (<10%	(a) vein, bounded by weak	fault gouge	171.50	173.00	1.50	S031576	1.565	1.48	166	25.1	147
1 1 V OIII. 2-10		, , ,	, ,										





Hole:	BR-139
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From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <vein: -="" 1.0-5.0%="" 266="" 272.6:="" quartz-calcite-chlorite="">&gt; 40cm zones, weakly bx, mostly wallrock</vein:>	174.50	176.00	1.50	S031578	0.204	0.59	73.4	16.3	214
< <vein: -="" 1.0-5.0%="" 272.6="" 298.8:="" quartz-calcite="">&gt;</vein:>	176.00	177.50	1.50	S031579	0.255	0.61	76.4	19.6	99
< <struc: -="" 158.6="" 158.7:="" 75="" bedding="" deg.="" developed="" strongly="">&gt; bedding in finer ash</struc:>	177.50	179.00	1.50	S031581	0.461	0.57	45.5	20	106
< <struc: -="" 199.5="" 199.5:="" 75="" bedding="" deg.="" developed="" strongly="">&gt; bedding in fine ash</struc:>	179.00	180.50	1.50	S031582	0.198	0.48	46.6	19.4	555
< <struc: -="" 243.22="" 244.55:="" 85="" deg.="" developed="" fault="" weakly="" zone="">&gt; fault zone filled with massive qtz vhl vein. Weak gouge on edges</struc:>	180.50	182.00	1.50	S031583	0.36	0.7	124.5	21.3	270
< <struc: -="" 270.85="" 271.15:="" 50="" deg.="" developed="" fault="" weakly="" zone="">&gt; small fault w good gouge dev</struc:>	182.00	183.50	1.50	S031584	0.478	0.9	180.5	24.4	118
< <struc: -="" 277.28="" 277.43:="" 50="" deg.="" developed="" fault="" weakly="" zone="">&gt; small fz with good gouge dev</struc:>	183.50	185.00	1.50	S031585	0.27	0.36	40.7	17.3	110
< <struc: -="" 298.6="" 298.62:="" 50="" deg.="" developed="" fault="" weakly="" zone="">&gt; small fz weak gouge</struc:>	185.00	186.50	1.50	S031586	0.34	0.46	62.8	17.8	168
	186.50	188.00	1.50	S031587	0.416	0.39	62.5	22.5	163
	188.00	189.50	1.50	S031588	0.339	0.54	109	22.5	124
	189.50	191.00	1.50	S031589	0.478	0.96	145	19.1	167
	191.00	192.50	1.50	S031591	0.177	0.75	141	32.1	139
	192.50	194.00	1.50	S031592	0.216	0.56	173.5	29.4	112
	194.00	195.50	1.50	S031593	0.257	0.34	77.4	27.4	103
	195.50	197.00	1.50	S031594	0.294	0.33	19.2	37	81
	197.00	198.50	1.50	S031595	0.415	0.29	13	37.9	88
	198.50	200.00	1.50	S031596	0.207	0.48	193	22.7	93
	200.00	201.50	1.50	S031597	0.262	0.28	64.3	13.4	84
	201.50	203.00	1.50	S031598	0.309	0.72	271	25.5	124
	203.00	204.50	1.50	S031599	0.209	0.29	40.5	25.5	175
	204.50	206.00	1.50	S031601	0.315	0.5	41.2	29.9	113
	206.00	207.50	1.50	S031602	0.28	0.31	128	21.3	94
	207.50	209.00	1.50	S031603	0.365	0.29	38.2	19.1	118
	209.00	210.50	1.50	S031604	0.397	0.48	85.1	31	182
	210.50	212.00	1.50	S031605	0.046	0.15	14.6	14.2	107
	212.00	213.50	1.50	S031606	0.158	0.26	23.3	27.7	159
	213.50	215.00	1.50	S031607	0.155	0.29	76.7	22.7	126
	215.00	216.50	1.50	S031608	0.189	0.33	122	15.5	115
	216.50	218.00	1.50	S031609	0.178	0.62	124.5	26.2	152





Hole: BR-139

From (m) To (m) Rock Type & Description From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best ppm ppm ppm ppm ppm

				ppm	ppm	ppm	ppm	ppm
218.00	219.50	1.50	S031611	0.179	0.47	123.5	22.6	108
219.50	221.00	1.50	S031612	0.168	0.38	102	18.8	136
221.00	222.50	1.50	S031613	0.166	0.67	126	12	145
222.50	224.00	1.50	S031614	1.1	0.31	73.2	15.5	124
224.00	225.50	1.50	S031615	0.168	0.35	62.3	18.8	158
225.50	227.00	1.50	S031616	0.117	0.48	94.9	26	146
227.00	228.50	1.50	S031617	0.148	0.31	86.2	15.4	103
228.50	230.00	1.50	S031618	0.094	0.43	33.3	27.2	90
230.00	231.00	1.00	S031619	0.214	0.34	27.9	28.9	106
231.00	232.50	1.50	S031621	0.214	0.39	46.6	25.2	99
232.50	234.00	1.50	S031622	0.258	0.44	31.5	30.1	100
234.00	235.50	1.50	S031623	0.351	0.38	25	27.1	94
235.50	237.00	1.50	S031624	0.196	0.41	31.7	23.3	100
237.00	238.50	1.50	S031625	0.265	0.5	64.8	18.8	85
238.50	240.00	1.50	S031626	0.227	0.36	32.9	15.2	137
 240.00	241.50	1.50	S031627	0.263	0.29	14.6	26.1	95
241.50	242.50	1.00	S031628	0.316	0.4	42.9	50.8	142
242.50	243.32	0.82	S031629	0.395	0.46	36.8	158	498
243.32	244.45	1.13	S031631	0.007	0.06	2.5	13.2	122
 244.45	245.50	1.05	S031632	0.087	0.16	25.2	15	219
 245.50	246.00	0.50	S031633	0.204	0.44	65.1	27.8	121
246.00	247.50	1.50	S031634	0.237	0.54	91.2	23.9	152
 247.50	249.00	1.50	S031635	0.32	0.66	146.5	30.9	158
 249.00	250.50	1.50	S031636	0.433	0.6	108	33.6	130
250.50	252.00	1.50	S031637	0.505	0.64	151	28.8	179
 252.00	253.50	1.50	S031638	0.609	0.55	155.5	18.1	116
253.50	255.00	1.50	S031639	0.391	0.45	102	12.1	96
255.00	256.50	1.50	S031641	0.423	0.54	102.5	27	92
256.50	258.00	1.50	S031642	0.587	0.66	126	19.9	105





Hole: BR-139

From (m) To (m) Length Sample # Au Best Ag Best Cu Best Pb Best Zn Best ppm ppm ppm ppm ppm

FIOIII (III)	10 (111)	Length	Sample #	ppm	ppm	ppm	ppm	ppm
258.00	259.50	1.50	S031643	0.321	0.4	56.7	19.2	93
259.50	261.00	1.50	S031644	0.251	0.35	102	16.6	97
261.00	262.50	1.50	S031645	0.342	0.24	79.3	19.4	102
262.50	264.00	1.50	S031646	0.319	0.29	109	19.3	117
264.00	265.50	1.50	S031647	0.392	0.29	90.9	19.2	112
265.50	267.00	1.50	S031648	0.351	0.52	148	21.3	105
267.00	268.50	1.50	S031649	0.314	0.69	162.5	13.1	116
268.50	270.00	1.50	S031651	0.546	0.56	114.5	16.8	90
270.00	271.50	1.50	S031652	0.132	0.43	45.4	28.3	120
271.50	273.00	1.50	S031653	0.335	0.55	128	49.9	86
273.00	274.50	1.50	S031654	0.17	0.37	142.5	39.2	100
274.50	276.00	1.50	S031655	0.144	0.28	174.5	37.3	195
276.00	277.50	1.50	S031656	0.224	0.23	150.5	40.5	96
277.50	279.00	1.50	S031657	0.17	0.2	147	31.8	112
279.00	280.50	1.50	S031658	0.125	0.17	147	26.8	101
280.50	282.00	1.50	S031659	0.148	0.19	189	38.9	118
282.00	283.50	1.50	S031661	0.167	0.19	202	45.6	96
283.50	285.00	1.50	S031662	0.226	0.17	240	21.8	92
285.00	286.50	1.50	S031663	0.246	0.16	164	33.2	72
286.50	288.00	1.50	S031664	0.221	0.26	127	22.9	87
288.00	289.50	1.50	S031665	0.134	0.29	166	24	101
289.50	291.00	1.50	S031666	0.164	0.26	111	22.9	59
291.00	292.50	1.50	S031667	0.098	0.32	304	53.6	79
292.50	294.00	1.50	S031668	0.032	0.21	21.9	72.1	152
294.00	295.50	1.50	S031669	0.251	0.23	20.7	29.9	2530
295.50	297.00	1.50	S031671	0.239	0.61	87.8	77.9	748
297.00	298.00	1.00	S031672	0.009	0.41	75.3	107	228
298.00	298.80	0.80	S031673	0.008	0.58	106.5	101.5	183



Hole:		BR-139									
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
298.80	341.60	V8 Mafic volcanic rocks (basaltic- greenish grey V-csh andesite, basalt; silica content 45-57%)									
		enish-grey, massive coarse ash tuff. Variable chl+ser+sil+carb alteration. Overall, 2% 5% stringers, 0.5% blebs. Trace cpy in vein at 323.4m. Few veins, primarily qz-cal+chl.									
< <vein: 298<="" td=""><td>3.8 - 341.6:</td><td>1.0-5.0% quartz-calcite-chlorite&gt;&gt; 25cm zones, weak bx qz cc chl</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	3.8 - 341.6:	1.0-5.0% quartz-calcite-chlorite>> 25cm zones, weak bx qz cc chl									
< <struc: 34<="" td=""><td>0.8 - 340.8</td><td>2: weakly developed fault zone 40 deg. &gt;&gt; small fz , decent gouge</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></struc:>	0.8 - 340.8	2: weakly developed fault zone 40 deg. >> small fz , decent gouge									
			298.80	300.00	1.20	S031674	0.014	0.64	131	62.3	99
			300.00	301.50	1.50	S031675	0.012	0.88	211	59.3	63
			301.50	303.00	1.50	S031676	0.007	0.79	221	61.5	60
			303.00	304.50	1.50	S031677	0.011	0.62	168.5	67	43
			304.50	306.00	1.50	S031678	0.006	0.49	150.5	100	43
			306.00	307.50	1.50	S031679	0.005	0.35	113.5	101.5	36
			307.50	309.00	1.50	S031681	0.009	0.34	78.8	93	36
			309.00	310.50	1.50	S031682	0.01	0.39	79.8	90.8	25
			310.50	312.00	1.50	S031683	0.007	0.31	71.3	83.2	31
			312.00	313.50	1.50	S031684	0.007	0.32	70.8	91.3	27
			313.50	315.00	1.50	S031685	0.011	0.43	75.9	76.6	38
			315.00	316.50	1.50	S031686	0.006	0.29	47.9	66.2	34
			316.50	318.00	1.50	S031687	0.002	0.29	64.7	80.3	31
			318.00	319.50	1.50	S031688	0.002	0.28	75.2	74.2	29
			319.50	321.00	1.50	S031689	0.002	0.22	72.5	55	40
			321.00	322.50	1.50	S031691	0.002	0.31	80.3	53.2	53
			322.50	324.00	1.50	S031692	0.005	0.31	90.6	67.7	44
			324.00	325.50	1.50	S031693	0.002	0.23	85.3	67.6	48
			325.50	327.00	1.50	S031694	0.002	0.17	76	41.1	44
			327.00	328.50	1.50	S031695	0.002	0.27	110.5	46.5	55
			328.50	330.00	1.50	S031696	0.002	0.22	74.9	31.9	40

330.00

331.50

1.50

S031697



57.7

46

82.3

0.013

0.26



Hole:	BR-139									
From (m) To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		331.50	333.00	1.50	S031698	0.002	0.25	83	61.5	36
		333.00	334.50	1.50	S031699	0.002	0.31	86.2	53.8	40
		334.50	336.00	1.50	S031701	0.002	0.34	75.8	57.3	33
		336.00	337.50	1.50	S031702	0.002	0.3	68	40.2	39
		337.50	339.00	1.50	S031703	0.002	0.3	62.2	41.1	39
		339.00	340.50	1.50	S031704	0.002	0.4	80.7	49.8	46
		340.50	341.60	1.10	S031705	0.002	0.43	72.9	48.4	71

End of Hole @ 341.6





Bowser Regional Project:

Hole: BR-142

> **Prospect:** Hanging Glacier **Survey Type:** Logged By: hmaguire Hole Type: DGPS DDS **UTM Grid:** UTM83-9 Survey By: **Date Started:** 8/30/2020 **Core Size:** HQ 10/4/2020 **Casing Pulled? UTM East:** 424509.112 Azimuth: **Date Completed: Drill Company:** HyTech Casing Depth (m): **UTM North:** 6260957.712 Dip: UTM Elevation (m): 320.8 **Drill Rig:** Marked? 1202.007 Length (m): Н3 9/29/2020 **Hole Purpose:** Expl **Drill Started:** Surveyed? **Local Grid: Drill Target: Drill Completed:** 10/3/2020 Water Production: NO **Local East:** Water Type: Comments: **Local North:** Water Depth (m): Local Elevation (m): **Structure Type:**

Depth (m)	Survey Method	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Comments Values?
0	1stREFLEX	9/29/2020	-45.8	204.6	19.5	224.1	54426	
23.8	REFLEX	9/29/2020	-45.8	204.6	19.5	224.1	54426	
77	REFLEX	9/29/2020	-45.5	207.4	19.5	226.9	55962	
128	REFLEX	9/29/2020	-44.3	209.1	19.5	228.6	56740	
179.8	REFLEX	9/30/2020	-43.2	208	19.5	227.5	55056	✓
230.8	REFLEX	10/1/2020	-40.6	209.9	19.5	229.4	55154	✓
281	REFLEX	10/2/2020	-38.2	211.2	19.5	230.7	55288	✓
320	REFLEX	10/3/2020	-36.4	211.8	19.5	231.3	55273	✓





Hole:	BR-	142										
From (m)	To (m)	Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
0.00	11.80 OVB	overburden	NR									
	11.8: Nothing Record											
< <min: -<="" 0="" td=""><td>11.8: Not recorded U</td><td>nmineralized Zone&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	11.8: Not recorded U	nmineralized Zone>>										
	152.95 V8	Mafic volcanic rocks (basaltic- da andesite, basalt; silica content 45-57%)	rk green V-csh	52.00	53.50	1.50	S031781					
with minor s textures fou throughout a disseminate surfaces an planar (som of weakly ur	nub-meter scale intervand throughout. Interval and subhedral py dissold. Magnetite mineralized in vein margins. Calle disarticualted) qz-candulatory qz-cal-py vei 8 - 26: <0.5% pyrite /	a green with varying pervasive/patchy chl-sil-ser alt. Fine the last containing lapilli size clasts. Decimeter to meter scale als contain mottled clay + potassic alt. Subhedral py string eminated + blebs (up to <.5%) often near veinlets. Trace of the late of	intervals containing brecciated ers (up to <.5%) found examples of sooty pyrite vein Hematite found on fracture lit. Multiple generations of recciated). Discrete examples ongly faulted interval 134-152.8.	143.50	145.00	1.50	S031848					
< <min: 26<="" td=""><td>-</td><td>otite / 0.5-2.0% magnetite / traces pyrite / traces pyrite / tra mag stringer.</td><td>aces pyrite&gt;&gt; Mag in veins</td><td>146.50</td><td>148.00</td><td>1.50</td><td>S031851</td><td>0.204</td><td>0.49</td><td>140.5</td><td>13.1</td><td>116</td></min:>	-	otite / 0.5-2.0% magnetite / traces pyrite / traces pyrite / tra mag stringer.	aces pyrite>> Mag in veins	146.50	148.00	1.50	S031851	0.204	0.49	140.5	13.1	116
	- 78: <0.5% magnetitenterval and hem fractu	e / <0.5% magnetite / traces pyrite / traces pyrite / traces re alts.	pyrite>> Less mag than	148.00	149.50	1.50	S031852	0.091	0.34	97.4	11.3	117
	- 91:  0.5-2.0% magne ving interval.	etite / <0.5% magnetite / <0.5% pyrite / traces pyrite / trace	es pyrite>> Increase hem	149.50	151.50	2.00	S031853	0.051	0.21	67.7	18.8	125
< <min: 91<br="">fractures w</min:>	- 104: <0.5% pyrite / < rithin undulatory dark o	<0.5% magnetite / $<$ 0.5% magnetite / traces pyrite / traces gray qz-cal veins.	s pyrite>> Py is filling	151.50	152.00	0.50	S031854	0.067	0.28	54	4.8	95
< <min: 104<br="">of cpy in ve</min:>		netite / <0.5% magnetite / traces hematite / traces pyrite /	traces pyrite>> Single bleb	152.00	152.95	0.95	S031855	0.086	0.36	133	25.6	96
	3.8 - 152.95: <0.5% py s within rubble pieces.	yrite / <0.5% pyrite>> Within faulted interval disseminate	ed py can be identified and									
	- 23.4: moderate chlo Trace ser alt patchy	orite / weak to moderate silica / weak to moderate clay / w	veak epidote / weak									
< <alt: 23.4<="" td=""><td>- 50.8: moderate chlo</td><td>orite / moderate epidote / weak to moderate silica / weak</td><td>sericite / trace clay&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	- 50.8: moderate chlo	orite / moderate epidote / weak to moderate silica / weak	sericite / trace clay>>									
< <alt: 50.8<="" td=""><td>- 68.8: moderate silic</td><td>ca / weak to moderate sericite / weak to moderate chlorite</td><td>/ trace epidote&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	- 68.8: moderate silic	ca / weak to moderate sericite / weak to moderate chlorite	/ trace epidote>>									





Hole:	BR-1	42								
From (m)	To (m)	Rock Type & Description	From (m)	To (m) Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <alt: 68.8<="" td=""><td>- 90: moderate silica / ı</td><td>moderate chlorite / weak to moderate clay / weak to moderate epidote&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	- 90: moderate silica / ı	moderate chlorite / weak to moderate clay / weak to moderate epidote>>								
< <alt: -="" 1<="" 90="" td=""><td>105: moderate chlorite</td><td>/ weak to moderate clay / weak to moderate epidote / weak sericite&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	105: moderate chlorite	/ weak to moderate clay / weak to moderate epidote / weak sericite>>								
< <alt: -<="" 105="" td=""><td>- 116.5: moderate to str</td><td>rong silica / weak to moderate chlorite / weak sericite / trace clay / trace epidote&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	- 116.5: moderate to str	rong silica / weak to moderate chlorite / weak sericite / trace clay / trace epidote>>								
< <alt: 116.5<br="">trace clay&gt;&gt;</alt:>		rong silica / weak to moderate chlorite / weak to moderate potassic / weak sericite /								
< <alt: -<="" 122="" td=""><td>- 128.5: moderate silica</td><td>n / moderate sericite / weak to moderate chlorite&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	- 128.5: moderate silica	n / moderate sericite / weak to moderate chlorite>>								
	lation within faulted inter	strong iron oxide / trace epidote / trace carbonate / trace chlorite / trace sericite>> rval. Trace examples of many of the previously mentioned alterations in the overlying								
		z-calcite-pink calcite>> Planar qz-cal-pinkcal+/-chl <3cm wide. Multiple generations veins <.5cm wide. Some py stringers seen, but no distinct orientation.								
in vein marg py veins wh	gins). Brecciated zones	-calcite>> Multiple generations of planar qz-cal+/-pinkcal-chl veins (some with hem of qz-cal+/-pinkcal-chl. Discrete examples of dark gray undulatory 2-3cm wide qz-cal-s in vein. Some examples of all of these being weakly disarticulated. Planar to m wide.								
	7 - 165.26: <1.0 quartz- e (often disarticulated) ca	-calcite-pyrite>> qz-cal +/- py planar veins <1 cm wide and planar to undulatory al veins. Py stringers.								
and rubble o	34 - 152.8: strongly devor of varying size. TCA at a ation throughout.	eloped fault zone 40 deg. >> Stonrgly devleoped faulted interval with fault gauge the top appears to be 90 degrees and the bottom best estimate is 40 degrees. Mod-								
152.95	165.26 V8	Mafic volcanic rocks (basaltic- greenish grey V-lp andesite, basalt; silica content 45-57%)								
(textures and Disseminated	d clasts difficult to identi d euhedral pyrite (up to to 1%). Cal +/- qz fract	een Gray with varying mottled/pervasive chl+ser+sil+epi alt and weak patchy chl fy due to this overprinting). Visible clasts lapilli size, but mostly <5mm long5%), mottled/aggregates of fine grained subhedral py (up to 1%) and subhedral py ure/veinlets throughout. Planar qz-cal-py (subhedral py vd up to .5%) planar veins								
	.95 - 165.26: <0.5% py finer grained.	rite / <0.5% pyrite / <0.5% pyrite / traces pyrite / traces pyrite>> Mottled and								
< <alt: 152.9<="" td=""><td>95 - 165.26: moderate s</td><td>silica / weak to moderate epidote / weak sericite / weak chlorite&gt;&gt;</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	95 - 165.26: moderate s	silica / weak to moderate epidote / weak sericite / weak chlorite>>								
		ely developed fault zone 40 deg. >> Mod developed faulted interval containing minor seen on fracture surfaces.								





Hole: B	R-142											
From (m) To (m)	Rock Type & Description			From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
				152.95	154.00	1.05	S031856	0.171	0.63	290	29	85
				154.00	155.50	1.50	S031857	0.438	0.82	396	8.3	47
				155.50	157.00	1.50	S031858	0.378	0.47	235	4.8	54
				157.00	158.50	1.50	S031859	0.358	0.32	146	10.1	57
				158.50	160.00	1.50	S031861	1.025	0.69	281	8.6	71
				160.00	161.50	1.50	S031862	0.188	0.38	150	17	80
				161.50	163.00	1.50	S031863	0.5	0.46	173.5	4.7	48
				163.00	164.50	1.50	S031864	0.237	0.36	185	9.5	53
				164.50	165.26	0.76	S031865	0.14	0.38	172	17.8	59
165.26 168.90 V6	Mafic dykes; cross cutting, basaltic-andesite	dark grey	lg-fg									
	Basalt Dike. Dark gray with chl replaced amygdules < groundmass. Planar to disarticualted cal +/- chl <.5cm		edral									
< <min: -="" 165.26="" 168.9:="" <0.5="" dike<="" grained="" in="" py="" subhedral="" td=""><td>5% pyrite / traces pyrite&gt;&gt; Mostly sub-euhedral dissert.</td><td>minated, but minor ble</td><td>bs of finer</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	5% pyrite / traces pyrite>> Mostly sub-euhedral dissert.	minated, but minor ble	bs of finer									
< <alt: -="" 165.26="" 168.9:="" td="" weak<=""><td>to moderate chlorite&gt;&gt; Chl replaced amygdules in d</td><td>ike.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></alt:>	to moderate chlorite>> Chl replaced amygdules in d	ike.										
< <vein: -="" 165.26="" 168.8:="" <1.<="" td=""><td>0 calcite-chlorite&gt;&gt; Planar to disarticualted cal +/- ch</td><td>I &lt;.5cm</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></vein:>	0 calcite-chlorite>> Planar to disarticualted cal +/- ch	I <.5cm										
throughout and some planar	quartz-calcite-pyrite-chlorite>> Wispy disarticulated (<3cm wide) qz-cal-chl +/- py & mn veins. planar qz cal chl vein at 212.2	cal +/-chl-ep veinlets/v	eins <.5									
				165.26	166.00	0.74	S031866	0.005	0.08	80.1	1.7	76
				166.00	167.50	1.50	S031867	0.002	0.08	77	1.9	72
				167.50	168.90	1.40	S031868	0.03	0.13	107.5	2.6	73





Hole:		BR	-142																	
From (m)	To (n	n)		Rock	Type & Desc	ription						From (m)	To (m) Length	Samp	ole#	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
168.90	289	.09 V8	ar		anic roc basalt; s 5-57%)	•	altic- (	greenis	sh grey	V-I	lp									
168.9 - 289.0 (textures and <7mm long to amounts of n intermediate (up to 1%) ar at 212.25. W strong developing.	d clasts to inter mineral volcar nd sub /ispy d	s difficult to invals which a lization and reliation and reliation of the cource. Dependently the course of the co	dentify due re dominate mottled epi+ Disseminated ringers + ve cal veinlets	to this overyd by lapillister+sil alted euhedral pin dissemin throughout	orinting). Var ize clasts > t rations. Som pyrite (up to . ated (up to 1 and some p	ies between omm. The zo e of these la 5%), mottle %). Small b anar (<3cm	n visible cones with arger lapiled/aggregalebs of sporting wide) qz	clasts being larges classificates of fin- ph and gn z-cal-chl +/	g lapilli size asts have h ome from a e grained s in planar q /- py & mn	e and n nigher an subhed az cal cl veins. I	ral py hl vein Mod-									
		5: 0.5-2.0% s and minera																		
< <min: 195<br="">mottled text</min:>		0.5-2.0% py ot max.	yrite / 0.5-2.	0% pyrite /	0.5-2.0% pyı	ite / <0.5%	pyrite / <0	0.5% pyrit	e>> Incre	ease in										
	5% Us	sually finer gr % Usually fine																		
		8: 0.5-2.0% om overlying				yrite / <0.5%	% pyrite /	0.5-2.0%	pyrite>>	Increas	se in									
Aggregates	% Usua ₃ ~1% l	ally finer grai Usually finer h and gn in p	grained.	chl vein at	212.25															
< <min: 239.<="" td=""><td>.8 - 24</td><td>8: 2.0-5.0%</td><td>pyrite / &lt;0.5</td><td>5% pyrite&gt;&gt;</td><td>fine graine</td><td>ed py in mat</td><td>trix in fz (2</td><td>2%), 0.5%</td><td>stringers</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	.8 - 24	8: 2.0-5.0%	pyrite / <0.5	5% pyrite>>	fine graine	ed py in mat	trix in fz (2	2%), 0.5%	stringers											
		0.5-2.0% py size/unit cha			0.5-2.0% pyı	ite>> <1%	% py strinç	gers, 1% r	rmx, <1% a	agg (de	crease									
	eins an	09: 0.5-2.0% d py stringer egates.		5-2.0% pyrit	e / <0.5% py	rite>> 1%	diss euh	ı py in mat	trix, 1% dis	s euh p	y in qz-									
	Very	3: moderate y minor ep+c alization.									mottled									





Hole: BR-142									
From (m) To (m) Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
< <alt: -="" 203="" 226:="" chlorite="" epidote="" moderate="" sericite="" silica="" strong="" to="" trace="" weak="">&gt; Larger clasts size and mottled textures.</alt:>									
< <alt: -="" 226="" 239.8:="" chlorite="" hematite="" moderate="" sericite="" silica="" strong="" to="" weak="">&gt;</alt:>									
< <alt: -="" 239.8="" 248:="" chlorite="" iron="" moderate="" oxide="" sericite="" silica="" strong="" to="" weak="">&gt; fault zone - heavy oxidation, mod strong sil</alt:>									
< <alt: -="" 248="" 266.94:="" chlorite="" hematite="" moderate="" sericite="" silica="" strong="" to="" weak="">&gt; hematite alteration decreases slightly after the fault. Chl also in veins. Oxidation of fractured surfaces</alt:>									
< <alt: -="" 266.94="" 284.96:="" chlorite="" hematite="" moderate="" sericite="" silica="" strong="" to="" weak="">&gt;</alt:>									
<< Alt: 284.96 - 289.09: strong silica / weak to moderate sericite / weak to moderate chlorite>> intensely silicified zone									
< <vein: -="" 10.0-25.0%="" 239.8="" 248:="" quartz-calcite="">&gt; 17 cm qtz-ank vein in fault zone</vein:>									
< <vein: -="" 248="" 258:="" 5.0-10.0%="" quartz="">&gt; dom by opaque white qz veinlets, crosscutting sets.</vein:>									
< <vein: -="" 258="" 266.5:="" 5.0-10.0%="" quartz-chlorite="">&gt; set of 3 qz-ank-chl veins, up to 10cm</vein:>									
< <vein: -="" 1.0-5.0%="" 266.5="" 289.09:="" quartz-calcite="">&gt; Interval dominated by chaotic frac controlled and planar qz-cal veins/veinlets. Sparse planar qz-cal-py veins +/- ep selvedges and py stringers are cross cut by qz-cal veins/veinlets.</vein:>									
< <struc: -="" 193.15="" 195.98:="" 43="" deg.="" developed="" fault="" weakly="" zone="">&gt; Weakly developed faulted interval containing fault rubble with no gauge or oxidation.</struc:>									
< <struc: -="" 206.8="" 211.5:="" developed="" fault="" weakly="" zone="">&gt; Weakly developed fault zone, mod fracture density, no gouge observed.</struc:>									
< <struc: -="" 215.4="" 215.9:="" developed="" fault="" weakly="" zone="">&gt; Weakly developed fault zone, mod fracture density, no gouge observed.</struc:>									
< <struc: -="" 239.8="" 248:="" 30="" deg.="" developed="" fault="" moderately="" zone="">&gt; heavily fractured, weak-mod gouge, cataclastic texture, strongly oxidized. Low confidence in recorded structure angle.</struc:>									
	168.90	170.00	1.10	S031869	0.213	0.31	192.5	8.2	44
	170.00	171.50	1.50	S031871	0.223	0.52	258	9.5	37
	171.50	173.00	1.50	S031872	0.097	0.26	158.5	8.3	50
	173.00	174.50	1.50	S031873	0.293	0.35	191	5.3	60
	174.50	176.00	1.50	S031874	0.147	0.51	232	5.6	64
	176.00	177.50	1.50	S031875	0.261	0.3	146	6	53
	177.50	179.00	1.50	S031876	0.168	0.37	182	6.7	60
	179.00	180.50	1.50	S031877	0.098	0.34	152.5	6.8	90





rrom (m)	10 (111)	Length	Sample #	ppm	ppm	ppm	ppm	ppm
180.50	182.00	1.50	S031878	0.162	0.36	212	5.1	56
182.00	183.50	1.50	S031879	0.108	0.36	136	6.8	62
183.50	185.00	1.50	S031881	0.139	0.35	119.5	7.7	65
185.00	186.50	1.50	S031882	0.291	0.34	122	6.2	59
186.50	188.00	1.50	S031883	0.202	0.39	131.5	6.4	308
188.00	189.50	1.50	S031884	0.191	0.33	159	7.2	54
189.50	191.00	1.50	S031885	0.235	0.4	150	19.6	66
191.00	192.50	1.50	S031886	0.214	0.38	171	5.8	52
192.50	194.00	1.50	S031887	0.182	0.32	131	7.3	45
194.00	195.50	1.50	S031888	1.025	0.46	109.5	9.4	53
195.50	197.00	1.50	S031889	0.244	0.39	175	24.3	73
197.00	198.50	1.50	S031891	0.144	0.4	91.7	63.5	155
198.50	200.00	1.50	S031892	0.155	0.34	116	11.6	74
200.00	201.50	1.50	S031893	0.167	0.38	145.5	7	65
201.50	203.00	1.50	S031894	0.209	0.35	141	9	64
203.00	204.50	1.50	S031895	0.245	0.34	122.5	13.5	84
204.50	206.00	1.50	S031896	0.607	0.56	192.5	6.8	72
206.00	207.50	1.50	S031897	0.435	0.37	115	8.6	58
207.50	209.00	1.50	S031898	0.27	0.38	167	19	95
209.00	210.50	1.50	S031899	0.19	0.36	148.5	8.1	79
210.50	212.00	1.50	S031901	0.35	1.15	168.5	29.9	74
212.00	213.00	1.00	S031902	0.351	2.97	96	278	381
213.00	214.50	1.50	S031903	0.412	0.31	57.2	6.9	46
214.50	216.00	1.50	S031904	0.204	0.32	125.5	7.1	48
216.00	217.50	1.50	S031905	0.403	0.41	164.5	13.8	81
217.50	219.00	1.50	S031906	0.215	0.87	82.2	259	654
219.00	220.50	1.50	S031907	0.34	2.6	165	120.5	857
220.50	222.00	1.50	S031908	0.179	2.49	93.6	174.5	525
222.00	223.50	1.50	S031909	0.229	0.53	109.5	54.2	127





Hole: BR-142

From (m) To (m) Rock Type & Description From (m) To (m) Length Sample # Au

From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
223.50	225.00	1.50	S031911	0.134	0.28	88.1	8.4	61
225.00	226.50	1.50	S031912	0.533	0.37	56.1	15.6	47
226.50	228.00	1.50	S031913	0.258	0.29	67.1	12.8	51
228.00	229.50	1.50	S031914	1.315	0.63	93.6	18	67
229.50	231.00	1.50	S031915	0.404	0.9	116	12.7	64
231.00	232.50	1.50	S031916	0.332	0.47	141	9.6	60
232.50	234.00	1.50	S031917	0.132	0.3	133	10.4	65
234.00	235.50	1.50	S031918	0.179	0.78	82	14.2	62
235.50	237.00	1.50	S031919	0.18	0.74	116.5	14.5	62
237.00	238.50	1.50	S031921	0.149	2.08	96.7	30.3	179
238.50	240.00	1.50	S031922	0.118	1.21	77.2	30.3	117
240.00	241.50	1.50	S031923	0.115	2.13	95.2	89.6	89
241.50	243.00	1.50	S031924	0.152	410	1255	234	666
243.00	244.50	1.50	S031925	0.065	1.59	99.6	177	539
244.50	246.00	1.50	S031926	0.115	1.7	82.6	89.1	245
246.00	247.50	1.50	S031927	0.121	2.52	172.5	300	861
247.50	249.00	1.50	S031928	0.139	0.57	207	11.5	78
249.00	250.50	1.50	S031929	0.135	0.54	274	4	110
250.50	252.00	1.50	S031931	0.161	0.48	131	9.1	70
252.00	253.50	1.50	S031932	0.106	1.11	120.5	9.4	64
253.50	255.00	1.50	S031933	0.11	1.15	103	19.4	76
255.00	256.50	1.50	S031934	0.107	1.23	140.5	25.8	187
256.50	258.00	1.50	S031935	0.087	4.7	250	116	427
258.00	259.50	1.50	S031936	0.04	2.26	60.2	58.5	201
259.50	261.00	1.50	S031937	0.05	4.85	98.5	37.5	117
261.00	262.50	1.50	S031938	0.061	5.02	146	57.7	284
262.50	263.50	1.00	S031939	0.055	3.37	126	71.3	142
263.50	264.12	0.62	S031941	0.08	8.06	220	56.8	136
264.12	265.17	1.05	S031942	0.503	14.1	394	201	479





Hole:	BR-142									
From (m) To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
		265.17	266.00	0.83	S031943	0.43	12.35	204	223	646
		266.00	267.00	1.00	S031944	0.256	3.28	142	37.4	132
		267.00	268.50	1.50	S031945	0.186	0.66	170.5	21	113
		268.50	270.00	1.50	S031946	0.391	0.53	135.5	12.4	115
		270.00	271.50	1.50	S031947	0.066	0.35	109.5	9.4	89
		271.50	273.00	1.50	S031948	0.062	0.25	68	7.7	57
		273.00	274.50	1.50	S031949	0.09	0.27	82.5	7.2	49
		274.50	276.00	1.50	S031951	0.088	0.35	118	5.7	53
		276.00	277.50	1.50	S031952	0.088	0.46	109.5	6.2	58
		277.50	279.00	1.50	S031953	0.083	0.31	97.3	5.3	68
		279.00	280.50	1.50	S031954	0.13	0.51	218	6	61
		280.50	282.00	1.50	S031955	0.102	0.35	122	6.9	74
		282.00	283.50	1.50	S031956	0.141	0.34	86.1	8.8	73
		283.50	285.00	1.50	S031957	0.291	0.51	119	11.9	309
		285.00	286.50	1.50	S031958	0.222	0.36	94.9	5.1	70
		286.50	288.00	1.50	S031959	0.091	0.28	88.3	4.3	52
		288.00	289.09	1.09	S031961	0.065	0.3	122.5	5.2	51
<b>289.09 289.72</b> 89.09 - 289.72: intern -6mm.	2 V9 Intermediate to mafic dykes grey Ig-cg nediate dike - amphibole alt to chl. Plag comprise 50%, variable size from 1-6mm. Amphiboles also									
< <min: -="" 289.09="" 289.7<="" td=""><td>72: 0.5-2.0% pyrite&gt;&gt; 1% diss euh py in matrix of int dyke.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></min:>	72: 0.5-2.0% pyrite>> 1% diss euh py in matrix of int dyke.									
	2: moderate to strong silica / moderate chlorite>> intermediate dike - amphibole alt to chl. Plag ole size from 1-6mm. Amphiboles also 1-6mm.									
	.72: 1.0-5.0% quartz-calcite>> Intermediate dyke containing sheeted qz-ankerite veins 2-3mm at I frac controlled veinlets are cross cut by the qz-ank veins.									
		289.09	289.72	0.63	S031962	0.371	0.87	262	36.8	194
		289.72	291.00	1.28	S031963	0.121	0.5	122	15	251





Hole:		BR-142											
From (m)	To (m)		Rock Type & Description		From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
289.72	320.80	á	Mafic volcanic rocks (basaltic- gree andesite, basalt; silica content 45-57%)	enish grey V-csh	291.00	291.50	0.50	S031964	0.076	0.52	186	13	111
mottled ep al	lt. ~10% su	ıb-rounded lapilli's	ray with varying weak-mod patchy ser-chl-hem. Mod s, often chloritized and locallize diss py. 1% diss and and py stringers. Intermediate dyke (same as above	aggregate euhedral py, 1%									
EOH													
euhedral py	, 0.1% py	aggregates. 0.5%	/ <0.5% pyrite / <0.5% pyrite / traces chalcopyrite / t diss euhedral py in qz-cal veins. ocally 1% sph, cpy and 0.5% gn.	races sphalerite>> 1% diss	291.50	292.00	0.50	S031965	0.117	0.38	140.5	12.4	63
trace epidot	te>> Mod	d to strong pervasi	ng silica / weak to moderate sericite / weak to moder ive silicification. Weak-mod patchy ser and chl. Trac em alt from 297-298.4m.		292.00	292.50	0.50	S031966	0.043	0.28	99.8	8.6	66
			z-calcite>> Interval dominated by chaotic frac contuberal py veinlets. 8mm qz-cal-bms vein 10TCA at		292.50	294.00	1.50	S031967	0.071	0.34	121	7.7	87
					294.00	295.50	1.50	S031968	0.041	0.24	81	7.7	46
					295.50	297.00	1.50	S031969	0.095	1.51	127.5	18	329
					297.00	298.50	1.50	S031971	0.116	1.65	204	71.4	181
					298.50	300.00	1.50	S031972	0.079	0.63	123.5	31	83
					300.00	301.50	1.50	S031973	0.255	0.53	177	15.8	90
					301.50	303.00	1.50	S031974	0.047	0.34	151	8.3	81
					303.00	304.50	1.50	S031975	0.036	0.2	60.7	8.4	59
					304.50	306.00	1.50	S031976	0.048	0.33	122	10.2	121
					306.00	307.50	1.50	S031977	0.051	0.4	133.5	17.1	143
					307.50	309.00	1.50	S031978	0.051	0.38	138.5	10.2	141
					309.00	310.50	1.50	S031979	0.057	0.36	135.5	9.1	107
					310.50	312.00	1.50	S031981	0.049	0.42	158	8.7	96
					312.00	313.50	1.50	S031982	0.117	0.42	130.5	12.1	95
					313.50	315.00	1.50	S031983	0.083	0.4	109	19.3	105
					315.00	316.50	1.50	S031984	0.039	0.35	142.5	8.3	145





Hole:		BR-142									
From (m)	To (m)	Rock Type & Description	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best ppm	Pb Best ppm	Zn Best ppm
			316.50	318.00	1.50	S031985	0.145	0.63	165.5	15	84
			318.00	319.50	1.50	S031986	0.027	0.29	128	6	73
			319.50	320.80	1.30	S031987	0.037	0.39	138	7.2	63

End of Hole @ 320.8



Appendix III. Rock Assay	Certificates from ALS Laboratories



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax:

Phone: +1 604 984 0221 Fax: +1 604 984 0218

www.alsglobal.com/geochemistry

To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

Page: 1 Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 10-SEP-2020 This copy reported on

27-JAN-2021 Account: PREBOW

## VA20185894

Project: Bowser Regional Project

P.O. No.: BOW-1081

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 26-AUG-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY LEANNE HAWKINS	JEFF AUSTON COREY JAMES	SUSAN FLASHA JULIANNE MADSEN
KEN MCNAUGHTON	STEPHAINE WAFFORN	

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	:S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

Page: 2 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 10-SEP-2020 Account: PREBOW

(ALS)	,								С	ERTIFI	CATE O	F ANAI	LYSIS	VA201	85894	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61							
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$038501 \$038502 \$038503 \$038504 \$038505		4.34 3.44 5.12 3.66 5.72	0.016 0.046 0.015 0.012 0.018	0.46 0.38 0.79 0.68 0.28	8.57 7.34 7.15 7.72 8.24	14.9 352 49.5 61.6 26.7	3470 2470 2510 2960 3080	1.46 1.46 1.39 1.47 1.37	0.14 0.11 0.21 0.20 0.13	2.78 4.07 4.21 3.51 3.81	0.21 0.22 0.25 0.51 0.18	25.8 16.45 17.60 19.40 23.5	16.4 7.5 16.4 15.4 13.2	9 9 8 8	2.77 6.54 2.38 3.49 2.10	147.0 74.8 222 190.0 101.0
S038506 S038506CD S038507 S038508 S038509		5.88 <0.02 5.26 5.76 5.34	0.023 0.018 0.024 0.016 0.023	0.21 0.22 0.20 0.17 0.20	8.06 7.95 7.47 8.20 7.77	27.7 28.3 34.0 31.8 23.8	2830 2770 3310 3490 3190	1.40 1.37 1.35 1.37 1.32	0.11 0.11 0.09 0.10 0.09	4.13 4.16 4.01 4.84 4.44	0.16 0.18 0.11 0.22 0.11	22.8 22.8 19.85 26.2 22.5	12.3 12.7 11.7 12.4 12.9	9 9 8 8	1.60 1.56 1.85 2.21 2.15	94.0 97.4 67.7 40.7 42.4
\$038510		0.16	1.100	13.10	6.04	325	500	1.00	0.16	3.66	4.50	22.0	11.2	26	7.10	82.7
\$038511		5.28	0.029	0.14	7.63	10.9	3270	1.30	0.08	3.91	0.11	20.2	12.7	8	1.95	39.4
\$038512		6.00	0.048	0.19	7.78	11.3	3110	1.20	0.07	4.28	0.09	20.3	12.0	8	1.91	43.8
\$038513		6.46	0.089	0.49	7.00	1530	1930	1.37	0.18	5.07	0.15	15.00	11.6	7	9.08	64.7
\$038514		6.22	0.012	0.36	7.37	34.0	3290	1.37	0.16	4.63	0.16	18.75	9.8	7	2.88	87.2
\$038515		5.76	0.021	0.37	7.72	26.9	3270	1.26	0.17	4.43	0.18	21.7	11.2	8	3.29	90.0
\$038516		5.46	0.014	0.23	7.90	19.7	2850	1.34	0.18	4.56	0.27	21.9	12.3	8	3.01	70.0
\$038517		5.86	0.012	0.21	7.50	14.5	3300	1.30	0.13	3.85	0.13	19.45	10.3	7	1.87	69.1
\$038518		5.50	0.018	0.24	7.80	17.5	3430	1.31	0.15	4.40	0.14	22.5	11.2	8	2.33	58.9
\$038519		5.52	0.045	0.38	8.09	17.1	3230	1.26	0.15	5.23	0.26	26.7	11.7	8	2.92	75.1
\$038520 \$038521 \$038522 \$038522 \$038523 \$038524		0.98 5.40 6.22 5.84 6.16	<0.005 0.031 0.036 0.012 0.019	0.01 0.29 0.40 0.37 0.52	0.09 8.21 7.84 7.95 8.34	0.8 13.9 17.4 16.1 15.9	30 3390 2960 2960 3390	0.06 1.20 1.28 1.32 1.30	0.01 0.12 0.14 0.12 0.15	31.4 4.35 4.38 4.09 4.64	<0.02 0.14 0.12 0.19 0.61	0.95 24.7 21.7 22.9 26.7	1.1 11.2 11.3 13.0 11.8	1 9 8 8 8	<0.05 2.68 3.56 3.02 3.09	2.8 74.1 73.2 58.4 90.9
\$038525		5.76	0.033	0.58	8.14	24.8	3120	1.34	0.17	4.42	0.45	24.4	11.2	7	3.48	104.0
\$038526		5.82	0.050	0.88	7.36	205	2770	1.29	0.17	4.44	0.45	32.6	26.9	7	4.63	129.0
\$038526CD		<0.02	0.043	0.83	7.56	181.5	2790	1.33	0.17	4.50	0.39	36.3	23.6	7	4.68	124.0
\$038527		5.84	0.035	0.41	7.82	27.8	3180	1.23	0.15	4.70	0.16	23.9	8.9	8	3.21	86.8
\$038527		5.24	0.039	0.40	7.60	18.8	3190	1.31	0.24	4.21	0.10	21.7	9.9	7	3.37	84.8
\$038529		5.76	0.073	0.45	7.40	35.0	2550	1.22	0.15	5.52	0.43	21.7	8.6	7	4.80	69.4
\$038530		0.16	5.87	80.0	6.35	299	830	1.00	1.10	2.06	22.9	25.6	12.1	23	8.02	113.0
\$038531		4.02	0.078	0.83	8.16	64.8	2600	1.20	0.14	4.60	0.45	28.7	8.7	7	3.56	124.0
\$038532		3.46	0.155	0.48	8.18	42.0	1410	1.43	0.13	5.44	0.30	25.7	8.1	10	3.72	82.8
\$038533		3.10	0.049	0.27	7.91	73.2	1510	1.05	0.11	5.80	0.29	28.5	9.3	35	5.43	53.4
\$038534		5.34	0.105	1.26	7.71	65.0	1570	1.00	0.21	4.18	0.09	28.9	13.0	39	4.30	161.0
\$038535		3.58	0.228	1.13	8.04	55.4	770	1.08	0.41	4.37	0.48	40.8	17.5	67	3.73	236
\$038536		2.38	0.454	7.01	6.41	158.0	400	0.75	1.29	6.31	1.61	27.3	65.2	38	3.55	1485
\$038537		2.10	0.144	2.05	7.11	149.5	1610	0.77	0.59	5.55	1.67	21.2	37.6	44	3.61	461
\$038538		5.80	0.272	0.82	8.59	83.3	580	1.23	0.31	3.51	0.57	21.4	11.5	20	3.66	155.5



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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CERTIFICATE OF ANALYSIS VA20185894

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											CAILO	I ANA	_1 313	VAZOI	03037	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$038501		4.64	18.95	0.16	1.6	0.089	3.47	13.6	14.5	1.26	1000	1.33	2.87	8.3	4.0	1370
\$038502		2.86	18.60	0.15	1.5	0.071	3.41	7.8	20.3	0.97	892	3.55	2.23	7.9	3.0	1320
\$038503		3.88	19.40	0.17	1.5	0.093	3.17	8.1	16.5	1.07	879	2.12	2.78	8.0	5.6	1270
\$038504		3.72	20.4	0.16	1.7	0.074	3.48	9.3	18.7	0.94	1060	2.17	2.89	8.7	3.6	1350
\$038505		4.34	19.90	0.20	1.6	0.060	3.25	12.4	20.6	1.17	861	1.06	2.80	8.5	3.3	1360
\$038506		3.97	20.2	0.17	1.6	0.070	3.10	11.9	16.4	1.29	758	1.23	2.91	8.5	3.0	1370
\$038506CD		3.97	20.5	0.16	1.6	0.072	3.05	11.7	17.1	1.27	754	1.20	2.87	8.5	3.6	1350
\$038507		3.71	19.75	0.16	1.6	0.066	3.51	10.1	14.3	1.12	768	1.48	2.93	8.3	3.3	1320
\$038508		3.82	19.30	0.18	1.6	0.065	3.55	13.6	16.3	1.11	877	1.07	2.89	8.5	3.0	1340
\$038509		4.28	19.40	0.17	1.6	0.058	3.44	11.3	18.8	1.14	873	0.95	2.59	8.4	3.0	1340
\$038510		3.94	13.65	0.14	1.2	0.043	3.84	11.3	12.2	0.55	1360	9.87	0.21	5.3	19.8	910
\$038511		4.31	20.3	0.15	1.7	0.068	3.32	9.8	14.2	1.22	862	0.81	2.85	8.6	3.2	1350
\$038512		4.41	21.0	0.15	1.6	0.066	3.10	10.0	16.5	1.22	914	0.90	2.94	8.3	3.0	1320
\$038513		3.59	19.65	0.14	1.6	0.071	3.65	7.2	17.3	1.01	925	1.89	1.50	7.8	3.3	1280
\$038514		3.53	19.75	0.14	1.7	0.096	3.58	9.1	14.9	1.06	867	0.82	2.86	8.6	3.2	1350
\$038515 \$038516 \$038517 \$038518 \$038519		3.93 4.24 3.89 3.89 3.89	20.1 19.70 20.2 19.50 19.05	0.16 0.15 0.14 0.14 0.15	1.6 1.5 1.6 1.6	0.076 0.076 0.073 0.073 0.072	3.57 3.39 3.44 3.62 3.38	11.0 11.1 9.6 11.1 14.0	15.3 15.6 15.5 16.3 16.3	1.03 1.13 1.26 1.12 1.07	918 969 882 946 1030	0.97 0.78 0.85 0.76 0.91	2.35 2.41 2.72 2.62 2.69	8.2 8.5 8.3 8.5 8.2	3.1 3.1 3.0 2.9 3.1	1280 1340 1310 1360 1310
\$038520 \$038521 \$038522 \$038522 \$038523 \$038524		0.13 4.24 3.89 4.17 4.02	0.37 20.5 19.00 19.75 19.70	0.10 0.14 0.13 0.13 0.15	<0.1 1.7 1.7 1.7 1.8	<0.005 0.077 0.082 0.073 0.078	0.02 3.52 3.25 3.14 3.59	1.1 12.6 10.9 11.6 14.8	1.4 18.4 16.1 18.3 12.4	3.82 1.26 1.09 1.25 0.96	129 892 852 888 744	0.05 0.50 0.72 0.58 0.61	0.05 2.66 2.61 3.01 2.51	0.1 8.6 8.2 8.7 8.2	0.6 3.0 2.9 3.0 3.1	70 1350 1320 1360 1330
\$038525 \$038526 \$038526CD \$038527 \$038528		3.78 3.71 3.77 3.85 4.06	20.3 18.75 18.65 18.50 18.70	0.14 0.13 0.14 0.15 0.14	1.8 1.7 1.8 1.8	0.100 0.097 0.096 0.093 0.064	3.50 3.49 3.52 3.48 3.71	12.6 18.1 19.6 12.2 10.8	15.6 19.7 19.0 18.1 16.4	1.04 1.08 1.09 1.03 0.89	808 843 855 902 788	2.77 5.18 3.96 1.24 2.12	2.96 2.81 2.85 2.97 2.43	8.7 8.2 8.4 8.3 8.2	3.5 4.0 3.9 3.2 2.8	1370 1380 1380 1310 1300
\$038529 \$038530 \$038531 \$038532 \$038533		3.74 4.81 3.25 2.72 2.76	18.15 13.60 17.75 19.65 18.65	0.13 0.14 0.15 0.15 0.16	1.7 1.3 1.8 1.7	0.086 1.260 0.105 0.097 0.086	3.49 3.72 3.47 2.73 3.76	11.1 13.5 15.8 13.4 17.3	19.6 11.8 18.0 19.5 24.9	0.99 0.49 1.06 1.16 1.49	973 1180 827 732 822	1.47 9.90 2.37 23.0 37.5	2.28 0.24 3.01 3.10 1.53	7.9 5.9 8.5 9.2 9.4	2.7 15.8 5.3 4.3 9.0	1270 960 1370 1500 1710
\$038534		4.04	18.40	0.14	1.2	0.095	3.35	17.7	26.5	1.56	879	3.58	2.22	10.9	17.1	1530
\$038535		4.89	18.85	0.19	1.2	0.105	2.18	26.8	30.6	1.58	980	2.73	2.95	7.9	24.7	1820
\$038536		12.80	18.20	0.17	0.9	0.277	2.08	17.2	38.6	2.23	1660	5.14	0.29	6.2	66.7	1530
\$038537		7.11	15.65	0.14	1.1	0.152	3.11	13.1	33.3	1.82	1200	1.75	1.25	7.2	32.4	1710
\$038538		4.95	22.0	0.15	1.0	0.084	1.84	13.4	35.6	1.97	900	0.63	3.68	10.6	13.2	1940



To: PRETIVM
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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	YSIS	VA201	85894	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$038501		6.7	74.4	<0.002	0.70	3.66	16.7	2	1.1	669	0.43	0.07	3.85	0.365	0.87	2.4
\$038502		7.4	77.7	0.002	0.36	9.55	14.2	1	1.1	438	0.41	0.06	2.79	0.349	1.05	2.0
\$038503		16.8	58.5	<0.002	1.39	6.30	14.0	3	1.1	649	0.41	0.10	2.77	0.337	1.10	2.1
\$038504		13.6	68.3	0.002	0.81	6.91	15.3	2	1.2	562	0.44	0.10	2.97	0.363	1.31	2.0
\$038505		7.3	64.9	<0.002	0.94	4.49	16.3	2	1.2	540	0.43	0.08	3.58	0.369	0.85	2.1
S038506		9.3	54.9	<0.002	0.70	4.08	15.3	2	1.0	542	0.43	0.09	3.26	0.367	0.80	2.0
S038506CD		8.9	51.8	<0.002	0.69	4.22	16.0	1	1.1	536	0.44	0.09	3.36	0.363	0.82	2.1
S038507		9.2	57.3	<0.002	0.57	5.06	13.9	1	1.0	671	0.44	0.08	2.66	0.356	0.86	1.9
S038508		8.8	74.9	<0.002	0.51	3.62	16.2	1	1.0	646	0.42	0.08	3.68	0.363	0.84	2.3
S038509		8.2	66.3	<0.002	0.72	4.76	15.4	1	1.0	630	0.44	0.07	3.25	0.358	0.89	2.3
\$038510		145.5	164.5	0.009	2.80	19.80	10.9	2	1.4	188.5	0.29	0.30	2.84	0.253	3.05	1.5
\$038511		8.0	54.1	<0.002	0.60	4.48	14.5	1	1.1	689	0.45	0.06	2.87	0.363	0.77	2.2
\$038512		4.8	54.6	<0.002	0.64	6.14	15.0	1	1.1	763	0.43	0.06	2.96	0.361	0.75	1.9
\$038513		9.7	82.6	<0.002	0.64	23.5	13.2	2	0.9	297	0.41	0.12	2.65	0.342	1.11	1.9
\$038514		9.0	67.6	<0.002	0.69	4.92	14.7	1	1.0	630	0.46	0.07	2.81	0.361	1.06	2.1
\$038515 \$038516 \$038517 \$038518 \$038519		8.1 9.2 10.8 9.6 11.5	74.9 72.1 59.8 69.1 74.0	<0.002 <0.002 <0.002 <0.002 <0.002	0.59 0.58 0.45 0.43 0.52	3.56 3.71 3.20 2.87 2.47	14.8 15.4 14.3 14.9 15.7	1 1 1 1	1.2 1.2 1.1 1.1	613 720 651 614 617	0.43 0.44 0.44 0.44 0.42	0.07 0.10 0.07 0.07 0.08	3.11 3.26 2.85 3.30 3.75	0.356 0.359 0.354 0.356 0.352	1.02 0.84 0.83 0.84 0.77	2.0 2.3 2.2 2.3 2.4
\$038520 \$038521 \$038522 \$038522 \$038523 \$038524		0.7 9.8 10.9 9.7 15.7	0.6 74.0 67.9 61.0 81.7	<0.002 <0.002 <0.002 <0.002 <0.002	<0.01 0.57 0.57 0.57 0.74	0.09 3.07 2.46 2.03 1.86	0.2 14.9 14.2 14.7 16.0	1 1 1 1	<0.2 1.1 1.1 1.0 1.0	64.3 698 591 619 676	<0.05 0.44 0.43 0.44 0.42	<0.05 0.06 0.06 0.08 0.09	0.07 3.59 3.30 3.30 3.91	0.007 0.367 0.353 0.369 0.357	<0.02 0.81 0.75 0.66 0.74	0.1 2.5 2.5 2.4 2.4
\$038525 \$038526 \$038526CD \$038527 \$038528		14.7 14.5 15.3 8.0 5.4	74.1 66.2 66.4 72.3 80.6	<0.002 <0.002 <0.002 <0.002 <0.002	0.71 0.78 0.79 0.59 0.80	2.48 4.19 4.09 2.78 3.07	15.5 13.9 14.1 15.2 14.6	1 1 1 1	1.1 0.9 1.0 0.9 1.0	627 435 440 500 534	0.44 0.43 0.43 0.43 0.42	0.08 0.28 0.24 0.08 0.12	3.62 3.07 3.22 3.50 3.18	0.361 0.352 0.358 0.351 0.347	0.81 0.92 0.91 0.82 0.94	2.5 2.4 2.5 2.4 2.2
\$038529 \$038530 \$038531 \$038532 \$038533		10.3 8790 27.1 5.5 4.2	79.6 158.5 88.7 95.6 127.5	<0.002 0.005 <0.002 0.005 0.008	0.68 3.04 0.69 0.60 0.18	4.97 73.4 4.94 3.16 4.25	14.4 12.2 15.9 15.4 15.8	1 3 1 1	1.0 3.8 1.0 1.1 0.8	381 144.0 417 451 254	0.41 0.35 0.43 0.48 0.53	0.07 0.28 0.05 0.06 0.06	3.23 3.51 3.77 3.38 1.78	0.340 0.254 0.359 0.369 0.335	0.99 3.08 0.96 0.91 1.08	2.2 1.9 2.6 2.8 1.9
\$038534		7.4	88.6	0.002	0.75	5.52	12.4	2	1.0	253	0.60	0.07	1.73	0.338	0.95	1.5
\$038535		16.0	77.9	0.003	1.19	5.11	21.4	2	1.2	244	0.43	0.12	1.98	0.382	0.75	1.6
\$038536		42.3	95.3	0.004	7.83	15.80	12.1	10	1.3	137.0	0.34	0.70	1.60	0.268	1.30	1.5
\$038537		24.2	107.0	0.002	1.82	4.33	15.4	4	1.0	226	0.34	0.28	1.89	0.316	0.83	1.4
\$038538		6.1	61.6	0.002	0.51	4.60	16.5	1	0.7	301	0.64	0.09	1.32	0.364	0.66	1.1



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(ALS	,								Cl	ERTIFIC	CATE OF ANALYSIS	VA20185894
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5		
\$038501 \$038502 \$038503 \$038504 \$038505		170 176 167 167 170	1.2 2.1 1.5 3.1 1.6	18.0 14.1 15.3 16.3 17.4	71 51 59 76 49	45.0 46.2 46.8 52.0 49.8		24.8 25.0 24.3 24.0 23.2	0.5 0.5 0.4 0.5 0.5	107 94 103 106 105		
\$038506 \$038506CD \$038507 \$038508 \$038509		172 169 168 170 166	1.4 1.5 1.5 2.0 1.8	17.0 17.0 15.0 18.0 17.6	44 45 40 54 45	50.6 50.8 50.2 49.9 49.5		24.4 24.1 24.2 23.5 23.6	0.5 0.5 0.5 0.5 0.5	109 107 110 100 103		
\$038510 \$038511 \$038512 \$038513 \$038514		103 172 172 163 170	4.7 1.4 1.4 4.3 1.6	8.8 15.3 16.0 13.3 15.7	488 48 44 43 45	38.9 51.3 47.1 49.6 51.8		28.3 24.4 23.8 23.2 22.9	0.4 0.5 0.5 0.4 0.5	78 115 107 98 96		
\$038515 \$038516 \$038517 \$038518 \$038519		166 169 169 168 164	2.6 1.7 1.9 1.6 1.8	14.9 15.9 15.4 17.0 19.0	52 58 45 47 58	47.5 47.9 51.2 50.4 50.2		23.6 23.0 23.6 23.7 22.5	0.5 0.4 0.5 0.5 0.5	118 97 127 97 93		
\$038520 \$038521 \$038522 \$038523 \$038524		2 173 164 171 166	<0.1 1.5 2.3 1.6 1.4	2.2 18.0 16.1 16.9 18.6	6 48 46 56 90	1.7 51.2 52.9 54.2 57.1		3.7 23.5 23.8 23.5 22.8	<0.1 0.4 0.4 0.4 0.5	6 103 98 101 109		
\$038525 \$038526 \$038526CD \$038527 \$038528		168 164 166 165 163	1.7 2.3 2.3 1.7 1.3	17.5 14.7 15.4 17.1 15.4	77 75 70 46 40	56.7 55.1 55.5 57.7 55.4		22.6 22.4 22.7 22.1 22.8	0.5 0.5 0.5 0.5 0.5	92 106 96 102 93		
\$038529 \$038530 \$038531 \$038532 \$038533		160 123 165 183 207	1.8 4.1 2.7 1.5 1.9	16.1 10.0 17.7 17.0 14.8	70 1900 74 50 55	55.3 45.4 59.7 53.9 43.3		22.2 25.9 23.1 22.8 23.9	0.4 0.3 0.5 0.4 0.4	93 80 113 92 70		
\$038534 \$038535 \$038536 \$038537 \$038538		174 233 136 182 206	1.5 1.5 1.9 1.6 1.5	14.0 16.8 14.9 15.8 10.6	46 87 217 227 95	41.0 35.9 28.1 42.5 31.6		23.1 22.7 17.8 21.6 21.1	0.4 0.4 0.2 0.3 0.3	85 83 53 70 74		



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	85894	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$038539		4.64	0.758	2.31	7.71	86.9	1300	0.79	0.67	4.21	0.77	39.9	24.0	51	3.73	421
\$038540		1.06	0.005	0.05	0.13	0.7	40	0.08	0.02	31.4	0.02	1.26	1.0	3	0.07	4.8
\$038541		6.54	0.245	1.83	8.27	42.2	1390	0.91	0.60	4.38	0.50	35.4	19.5	53	2.72	444
\$038542		5.50	0.347	0.93	7.80	19.9	2030	0.88	0.30	4.10	0.22	17.95	8.8	41	2.16	219
\$038543		4.70	0.128	0.40	8.22	16.8	1730	0.89	0.29	3.80	0.26	18.45	8.4	51	2.90	77.2
S038544		5.10	0.240	0.53	8.00	187.0	1170	1.02	0.46	5.53	3.80	20.4	11.2	35	7.13	96.5
S038545		4.92	0.053	0.36	8.76	64.1	580	1.15	0.18	4.91	0.12	18.00	11.8	28	5.70	89.3
S038546		6.26	0.028	0.24	8.01	15.8	1300	0.82	0.13	3.65	0.45	13.20	8.2	31	2.30	42.6
S038546CD		<0.02	0.020	0.20	8.06	16.6	1320	0.88	0.13	3.72	0.41	13.30	8.6	32	2.38	43.8
S038547		5.10	0.037	0.39	8.54	18.9	980	1.07	0.22	3.92	0.17	14.45	13.4	21	2.68	114.0
\$038548		5.86	0.024	1.24	8.15	46.4	1700	1.14	0.28	4.20	1.30	15.90	14.4	30	2.75	144.0
\$038549		1.92	0.069	>100	6.77	46.9	1350	0.74	0.29	5.97	3.02	23.2	12.5	8	1.45	666
\$038550		0.14	1.075	30.2	6.17	399	730	1.29	0.99	0.71	1.82	28.1	14.3	20	8.99	114.5
\$038551		5.52	0.035	0.40	7.31	21.9	2910	1.31	0.12	4.39	0.44	19.65	12.5	7	3.11	48.6
\$038552		5.00	0.073	0.21	7.90	9.0	3230	1.38	0.11	4.44	0.18	24.6	12.5	7	2.58	40.2
\$038553		6.88	0.029	0.48	7.65	16.4	2990	1.32	0.12	4.41	0.21	21.7	12.8	8	3.92	46.2
\$038554		5.72	0.027	0.60	7.78	54.2	2870	1.32	0.17	3.90	0.63	21.2	20.0	8	3.87	62.7
\$038555		5.96	0.056	0.51	7.95	62.2	3180	1.30	0.11	3.90	0.63	24.0	13.1	7	3.93	35.0
\$038556		5.50	0.091	0.54	8.05	182.0	2810	1.17	0.10	4.14	0.24	25.1	13.6	8	5.41	40.3
\$038557		6.56	0.154	0.69	6.43	1290	1590	0.92	0.12	8.45	6.33	24.4	9.8	6	5.07	47.7
\$038558		6.36	0.107	0.63	8.51	49.6	570	1.17	0.22	4.53	0.31	15.70	14.6	41	3.28	111.5
\$038559		6.62	0.113	0.74	8.21	45.4	840	0.89	0.33	3.70	0.81	18.95	20.2	46	1.57	198.5
\$038560		0.56	0.005	0.04	0.09	2.1	20	0.07	0.01	32.9	0.02	0.98	0.9	2	0.05	2.5
\$038561		5.42	0.247	0.76	7.75	66.6	1950	0.84	0.25	3.89	0.27	17.95	13.8	52	1.77	238
\$038562		5.64	0.184	0.44	7.88	31.6	1990	0.91	0.16	3.04	0.18	25.9	14.6	62	2.16	136.0
\$038563		5.22	0.213	0.51	8.58	25.3	1320	1.04	0.15	3.34	0.14	19.05	17.1	52	2.01	123.0
\$038564		6.48	0.069	0.27	8.76	20.5	1440	1.00	0.14	2.87	0.15	17.50	18.3	37	2.14	99.7
\$038565		5.96	0.088	0.27	7.83	21.9	1480	1.00	0.10	3.51	0.15	12.80	15.6	44	1.61	96.7
\$038566		5.60	0.027	0.21	7.72	12.9	2290	1.01	0.09	3.20	0.17	12.70	11.4	41	1.55	65.0
\$038566CD		<0.02	0.025	0.21	7.79	13.8	2330	1.02	0.09	3.20	0.16	12.75	11.7	42	1.56	65.3
\$038567		5.66	0.066	0.12	8.37	53.5	1980	0.95	0.04	2.89	0.13	17.05	16.6	55	1.68	42.2
\$038568		6.20	0.235	0.59	7.85	46.8	1410	0.98	0.15	3.58	0.28	16.75	22.9	42	1.76	223
\$038569		5.56	0.065	0.12	7.90	31.9	2500	1.00	0.05	2.91	0.08	19.35	12.0	61	2.09	21.9
\$038570		0.16	1.015	11.70	6.39	331	1320	1.03	0.18	3.74	4.50	26.4	10.3	27	7.01	85.1
\$038571		4.72	0.126	0.27	8.24	108.5	2050	1.26	0.28	2.73	0.50	15.45	15.3	37	2.57	62.8
\$038572		6.12	0.679	0.73	7.90	638	2310	1.11	1.21	3.56	3.09	23.3	12.3	70	2.28	88.7
\$038573		5.54	0.046	0.14	8.00	40.8	2200	1.23	0.07	2.98	0.11	18.25	16.4	57	2.67	44.7
\$038574		5.46	0.051	0.41	7.74	55.3	2130	1.24	0.14	2.97	0.12	20.4	19.2	76	1.97	156.0
\$038575		5.50	0.053	0.36	7.39	40.9	2140	1.01	0.17	3.29	0.13	19.05	15.2	71	2.23	133.0
\$038576		6.20	0.050	0.46	7.70	122.5	1930	1.43	0.17	2.58	0.17	17.80	18.8	50	3.73	165.0



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20185894

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											CAILO	I ANAL	_ 1	<b>V/\Z</b>	03037	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61												
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S038539		5.58	15.30	0.18	1.2	0.124	4.20	26.4	24.1	1.31	777	5.69	1.74	7.6	29.2	1630
S038540		0.20	0.43	0.14	0.1	<0.005	0.04	1.3	1.5	4.41	155	0.10	0.05	0.2	0.7	100
S038541		5.67	18.40	0.14	1.3	0.137	2.65	23.0	25.4	1.62	917	10.55	2.96	9.6	26.7	1690
S038542		4.33	17.75	0.13	1.2	0.099	3.03	10.0	20.6	1.65	835	2.05	2.99	9.3	19.3	1590
S038543		4.06	17.20	0.16	1.1	0.074	2.92	9.2	21.4	1.50	871	1.04	3.30	8.8	24.3	1460
S038544		4.80	18.00	0.15	1.0	0.246	2.78	11.1	23.9	1.54	1200	1.51	2.08	7.9	20.0	1740
S038545		6.73	19.90	0.15	0.9	0.111	1.96	10.3	31.4	2.28	1360	0.30	2.57	8.1	19.1	2070
S038546		4.73	16.90	0.14	0.7	0.067	2.30	6.7	22.9	1.63	1030	0.56	3.52	7.2	12.8	1670
S038546CD		4.83	17.70	0.14	0.7	0.069	2.32	6.6	24.5	1.66	1060	0.59	3.58	7.5	13.1	1670
S038547		5.62	18.80	0.15	0.6	0.099	2.24	7.7	29.1	1.97	1080	0.46	3.30	9.3	13.2	1940
\$038548		4.67	18.10	0.17	0.7	0.085	3.81	8.6	16.4	1.48	914	1.19	2.62	10.0	18.4	1580
\$038549		4.86	15.90	0.13	1.1	0.073	3.57	13.0	12.4	1.41	1280	0.41	1.70	6.0	8.8	1060
\$038550		4.73	14.00	0.17	1.0	0.034	2.81	14.6	10.8	0.39	236	4.76	0.20	5.7	14.3	1350
\$038551		3.92	19.05	0.15	1.5	0.075	3.75	9.5	13.4	1.00	887	0.48	2.44	7.4	3.2	1320
S038552		4.36	19.85	0.17	1.6	0.082	3.32	12.5	15.6	1.04	982	0.27	2.82	7.8	3.2	1340
\$038553		4.24	19.85	0.18	1.6	0.087	3.72	10.9	15.3	0.84	920	0.26	2.39	7.7	3.1	1320
\$038554		4.54	19.90	0.17	1.6	0.092	3.75	10.2	17.3	1.04	1080	0.47	2.60	7.8	3.4	1370
\$038555		4.36	19.80	0.18	1.7	0.085	4.07	11.6	16.8	1.01	980	0.68	2.57	8.0	3.1	1380
\$038556		4.42	18.85	0.19	1.7	0.091	3.92	12.5	17.8	1.04	987	0.73	2.29	7.6	3.0	1360
S038557		4.49	15.35	0.15	1.2	0.050	3.08	13.6	30.3	1.46	1600	1.15	0.72	5.4	4.1	960
\$038558		4.89	19.70	0.15	0.8	0.067	1.66	7.9	29.0	1.81	1020	1.88	3.83	6.8	19.5	1730
\$038559		5.54	17.55	0.16	0.9	0.085	1.58	10.4	27.9	1.87	917	2.19	3.90	6.3	22.5	1680
\$038560		0.14	0.35	0.12	<0.1	<0.005	0.02	1.1	1.4	3.04	154	0.10	0.04	0.1	0.3	60
\$038561		4.22	14.65	0.15	0.9	0.068	3.28	9.5	19.7	1.52	702	2.90	3.03	7.2	25.1	1320
\$038562		4.11	16.40	0.16	1.1	0.069	3.53	14.4	21.7	1.46	691	10.10	2.85	8.2	33.4	1310
S038563		5.17	18.80	0.15	0.7	0.062	2.42	10.3	25.1	1.90	818	0.74	3.58	7.0	22.9	1670
S038564		5.56	19.10	0.15	0.7	0.054	2.56	9.2	24.9	2.08	874	0.68	3.72	8.5	18.3	1780
S038565		5.00	18.55	0.13	0.7	0.061	2.62	6.1	26.5	1.92	924	0.92	3.54	7.9	27.1	1720
S038566		4.45	17.80	0.14	0.8	0.057	3.46	6.2	24.3	1.80	818	1.11	3.19	9.3	24.2	1590
S038566CD		4.49	18.65	0.16	0.8	0.058	3.54	6.2	25.0	1.80	826	1.15	3.26	9.5	25.1	1590
\$038567		4.67	19.20	0.17	0.8	0.058	3.27	8.7	26.7	1.86	823	1.15	3.39	8.9	37.1	1650
\$038568		5.57	18.55	0.14	0.7	0.107	2.71	8.4	27.4	1.76	912	0.68	3.40	8.0	20.2	1940
\$038569		4.14	16.40	0.11	1.0	0.056	3.86	9.7	21.3	1.70	775	1.82	2.61	10.4	31.1	1490
\$038570		4.03	13.25	0.10	1.4	0.052	3.86	13.5	12.0	0.57	1390	9.60	0.21	5.1	19.9	950
\$038571		4.32	18.55	0.10	1.0	0.084	3.50	7.2	23.0	1.61	752	1.72	3.05	10.2	30.2	1550
\$038572		4.28	16.70	0.13	1.1	0.283	3.86	11.8	23.4	1.58	846	2.17	2.45	8.9	33.0	1430
\$038573		4.48	17.45	0.12	0.9	0.054	3.99	8.6	24.5	1.70	733	1.18	2.47	9.8	31.5	1440
\$038574		4.82	17.50	0.15	1.2	0.095	3.66	10.1	22.5	1.49	763	1.42	2.64	8.5	44.7	1370
\$038575		4.15	15.70	0.14	1.0	0.084	3.87	9.7	23.8	1.43	740	1.17	2.29	8.2	40.6	1400
\$038576		4.75	18.15	0.13	1.1	0.076	3.79	8.9	27.7	1.71	721	0.98	2.05	10.3	34.5	1420



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	85894	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$038539 \$038540 \$038541 \$038542 \$038543		13.1 0.7 6.3 2.7 4.5	124.5 1.2 90.2 72.3 77.7	0.005 <0.002 0.006 0.004 0.002	2.05 <0.01 1.69 0.48 0.37	6.32 0.20 5.89 3.42 3.40	14.2 0.3 15.5 14.9 15.1	4 1 3 1	1.0 <0.2 1.0 0.8 0.8	251 65.7 289 326 317	0.41 <0.05 0.53 0.54 0.49	0.29 <0.05 0.22 0.16 0.15	2.42 0.09 2.54 1.94 1.78	0.324 0.008 0.351 0.336 0.338	1.10 0.02 0.74 0.73 0.78	1.7 0.1 1.8 1.3 1.0
S038544 S038545 S038546 S038546CD S038547		11.0 10.2 9.3 9.2 4.9	112.5 105.0 58.8 59.1 76.3	0.002 0.002 <0.002 <0.002 <0.002 <0.002	0.87 0.85 0.86 0.22 0.23 0.43	6.58 6.48 3.15 3.13 3.33	22.6 30.8 17.7 18.4 21.8	1 1 1 1 1	0.6 0.6 0.6 0.6 0.6	297 296 382 386 430	0.49 0.44 0.43 0.41 0.42 0.49	0.13 0.10 0.07 0.08 0.07 0.10	1.76 1.71 1.29 1.06 1.09 1.01	0.338 0.344 0.379 0.342 0.353 0.342	0.78 0.86 0.77 0.64 0.67 0.71	0.9 0.7 0.6 0.6 0.5
\$038548 \$038549 \$038550 \$038551 \$038552		82.5 704 53.2 17.1 9.0	113.0 86.4 130.0 81.1 69.4	0.002 <0.002 <0.002 <0.002 <0.002	0.95 1.40 4.33 0.64 0.42	7.58 377 36.1 4.01 2.44	15.2 13.2 15.1 14.0 15.4	2 1 6 1	0.6 1.1 1.8 1.3 1.8	472 608 141.5 526 616	0.54 0.33 0.31 0.38 0.41	0.11 0.07 0.32 0.09 0.05	1.36 3.05 2.66 2.88 3.40	0.341 0.264 0.317 0.348 0.366	1.06 0.85 2.33 0.89 0.74	0.8 1.6 0.9 2.1 2.2
\$038553 \$038554 \$038555 \$038556 \$038557		7.8 11.4 15.6 9.5 49.9	94.5 86.5 98.1 106.0 118.0	<0.002 <0.002 <0.002 <0.002 <0.002	0.54 0.69 0.63 0.53 0.44	3.84 4.10 4.78 6.91 31.2	15.6 15.7 16.2 16.0 12.8	1 1 1 1 2	2.0 1.7 1.7 2.3 0.8	416 365 358 289 185.5	0.39 0.40 0.42 0.39 0.28	0.06 0.13 0.05 <0.05 0.05	3.29 3.17 3.46 3.52 3.13	0.356 0.362 0.370 0.362 0.249	0.93 0.95 1.08 1.23 1.14	2.1 2.2 2.4 2.3 1.8
\$038558 \$038559 \$038560 \$038561 \$038562		6.9 7.6 0.9 5.9 5.2	63.7 49.3 0.6 75.6 97.2	<0.002 <0.002 <0.002 0.004 0.003	0.49 0.99 <0.01 1.04 0.62	5.08 3.93 0.15 5.65 3.97	24.6 24.1 0.3 13.5 14.1	1 2 1 2 2	0.8 0.9 <0.2 0.6 0.8	342 315 74.0 317 312	0.37 0.34 <0.05 0.42 0.45	0.13 0.13 <0.05 0.11 0.06	1.18 1.35 0.08 1.76 2.27	0.374 0.368 0.006 0.331 0.345	0.77 0.52 <0.02 0.87 0.90	0.8 0.8 0.2 0.9 1.2
\$038563 \$038564 \$038565 \$038566 \$038566CD		2.6 2.2 3.2 5.2 5.2	78.5 73.9 52.5 71.7 71.8	<0.002 0.002 <0.002 0.002 0.002	0.42 0.41 0.33 0.24 0.24	2.56 2.00 4.53 3.12 3.18	18.8 19.0 18.6 14.9 15.4	1 1 1 1	0.5 0.4 0.5 0.4 0.5	401 468 430 427 431	0.40 0.48 0.39 0.54 0.56	0.06 0.07 0.05 0.05 0.05	1.41 1.31 0.95 1.24 1.23	0.364 0.363 0.363 0.351 0.353	0.71 0.76 0.73 0.94 0.98	0.7 0.6 0.5 0.7
\$038567 \$038568 \$038569 \$038570 \$038571		3.5 6.0 3.2 158.5 4.3	85.0 65.2 97.1 178.0 99.2	0.002 <0.002 0.003 0.013 0.003	0.26 0.76 0.10 2.91 0.23	2.46 2.69 2.80 18.40 3.56	15.2 19.9 13.8 11.4 13.1	1 2 1 3 1	0.6 0.6 0.5 1.5	409 431 387 200 392	0.50 0.44 0.59 0.30 0.60	<0.05 0.06 <0.05 0.32 <0.05	1.50 1.05 2.07 3.31 1.63	0.355 0.381 0.347 0.260 0.347	0.91 0.80 1.09 3.04 1.10	0.6 0.5 1.0 1.8 0.9
\$038572 \$038573 \$038574 \$038575 \$038576		14.0 3.4 2.8 3.0 2.9	111.5 107.5 89.8 105.5 112.0	0.004 0.004 0.004 0.003 0.004	0.39 0.15 0.70 0.45 0.45	5.86 3.17 3.88 5.59 4.99	14.3 13.5 14.8 13.7 14.4	1 1 2 1 2	0.7 0.4 0.7 0.7 0.4	392 406 390 357 318	0.52 0.58 0.52 0.46 0.60	<0.05 <0.05 0.07 0.12 0.06	2.27 1.78 2.16 1.76 1.85	0.353 0.350 0.356 0.339 0.336	1.14 1.18 1.05 1.11 1.25	1.1 0.9 1.1 0.9 0.9



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS	,								C	ERTIFIC	CATE OF ANALYSIS	VA20185894
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5		
\$038539 \$038540 \$038541 \$038542 \$038543		164 3 190 183 169	1.3 0.1 3.1 2.8 1.3	16.2 2.4 16.7 13.4 13.2	94 6 80 55 64	38.6 1.8 43.5 36.4 36.5		23.9 4.4 22.2 23.7 23.3	0.4 <0.1 0.4 0.4	82 11 83 87 89		
S038544 S038545 S038546 S038546CD S038547		227 283 198 203 223	1.8 2.9 1.9 2.0 1.5	16.4 14.5 10.9 11.0 10.9	331 87 101 97 80	29.5 33.2 19.7 20.7 15.8		21.3 20.3 22.7 21.8 21.6	0.3 0.4 0.3 0.3 0.3	81 60 66 67 57		
\$038548 \$038549 \$038550 \$038551 \$038552		190 160 146 167 167	25.6 52.6 2.4 7.9 1.0	9.3 11.6 9.4 12.4 16.6	122 178 210 68 66	21.6 32.7 55.2 45.1 48.6	183	22.2 22.2 32.3 23.6 23.3	0.4 0.3 0.4 0.5	65 84 83 104 95		
\$038553 \$038554 \$038555 \$038556 \$038557		167 174 176 171 118	2.0 3.2 4.3 4.8 5.1	15.8 15.2 16.4 15.3 18.5	64 110 122 67 658	48.9 50.2 52.1 50.8 37.4		23.5 23.1 23.6 23.6 20.3	0.5 0.4 0.5 0.4 0.3	106 98 109 99 68		
\$038558 \$038559 \$038560 \$038561 \$038562		246 237 2 170 158	3.1 2.2 <0.1 2.5 1.8	13.2 13.6 2.0 13.6 15.0	84 117 6 59 52	23.1 21.1 1.3 27.5 34.8		22.4 22.5 5.7 23.7 24.2	0.4 0.3 0.1 0.4 0.4	71 73 6 88 97		
\$038563 \$038564 \$038565 \$038566 \$038566CD		215 216 224 189 191	1.4 0.8 1.2 1.1	12.1 10.6 11.8 10.6 10.8	65 71 70 65 64	20.7 18.9 19.9 24.8 25.2		21.8 21.7 21.6 22.8 23.6	0.4 0.4 0.4 0.4 0.4	70 71 69 77 75		
\$038567 \$038568 \$038569 \$038570 \$038571		186 255 161 107 170	1.1 2.1 1.2 5.4 1.0	11.2 12.9 13.7 10.1 11.5	64 76 54 488 88	23.6 17.7 37.3 47.9 32.7		22.8 20.4 23.3 26.7 23.0	0.4 0.4 0.4 0.4 0.4	85 68 96 77 91		
\$038572 \$038573 \$038574 \$038575 \$038576		163 170 164 154 169	1.2 1.1 1.5 1.3	16.4 13.3 14.4 14.1 12.8	290 57 52 50 54	37.7 32.6 39.6 36.7 37.5		23.1 22.4 23.3 23.1 23.2	0.4 0.4 0.4 0.4 0.4	94 86 106 84 86		



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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CERTIFICATE OF ANALYSIS VA20185894

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Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$038577		5.60	0.029	0.33	7.78	92.9	1910	1.08	0.06	3.84	0.10	23.2	13.2	59	2.72	91.7
\$038578		5.38	0.062	1.11	7.61	130.5	2050	1.09	0.20	3.68	0.91	23.4	26.2	62	3.67	283
\$038579		7.06	0.272	0.65	8.09	162.5	1730	1.42	1.06	4.81	0.12	19.70	16.3	49	6.13	135.5
\$038580		0.56	<0.005	0.01	0.10	1.0	20	0.08	0.02	33.0	<0.02	1.13	0.9	2	0.05	2.1
\$038581		5.74	0.075	0.80	7.19	190.5	1500	0.95	0.41	6.22	0.06	29.1	12.7	60	3.35	103.5
\$038582		6.10	0.082	1.11	7.49	152.0	1770	1.01	0.54	4.25	1.37	23.1	16.8	68	3.08	139.5
\$038583		5.90	0.192	1.34	7.32	69.9	2570	1.16	1.50	3.56	0.50	20.8	11.9	44	4.27	118.0
\$038584		6.70	0.089	0.75	7.97	177.5	1540	1.20	0.33	4.65	0.11	27.8	14.1	77	3.58	113.5
\$038585		5.62	0.058	0.29	8.59	197.5	1640	1.53	0.18	3.72	0.11	22.9	10.7	48	4.45	49.1
\$038586		6.24	0.037	0.43	8.23	68.6	1960	1.20	0.36	3.70	0.25	25.4	13.9	62	3.83	96.8
\$038586CD		<0.02	0.035	0.42	8.26	65.1	1970	1.24	0.38	3.69	0.25	24.8	13.6	63	3.75	95.1
\$038587		5.78	0.028	0.10	7.62	67.9	1900	1.50	0.07	3.41	0.05	22.4	10.2	43	4.47	17.0
\$038588		5.16	0.050	0.22	7.89	105.0	1950	1.26	0.13	3.53	0.07	23.2	11.9	79	2.67	35.7
\$038589		5.94	0.012	0.09	7.75	34.1	1490	1.29	0.06	2.92	0.08	20.1	6.8	53	2.92	13.1
\$038590		0.16	5.91	84.4	6.14	315	510	0.99	1.16	2.01	22.7	22.9	11.0	22	7.49	119.0
\$038591		5.46	0.023	0.12	7.83	85.6	1860	1.52	0.06	3.13	0.09	16.60	13.2	66	3.99	9.4
\$038592		4.52	0.019	0.08	7.59	96.2	1420	1.32	0.09	4.07	0.15	17.60	13.7	56	4.49	10.6
\$038593		3.76	0.132	0.75	7.86	1480	2940	1.55	0.29	4.37	0.12	26.5	12.9	4	7.84	154.0
\$038594		5.36	0.117	0.80	8.43	1215	3790	1.49	0.36	3.18	0.23	29.0	51.0	11	4.19	189.0
\$038595		3.98	0.094	0.60	7.72	141.5	3230	1.40	0.24	3.59	0.13	23.7	20.4	7	3.19	154.5
\$038596		6.20	0.108	0.71	7.70	294	2740	1.21	0.44	3.88	0.15	28.0	26.4	8	2.78	167.5
\$038597		2.18	0.151	0.75	7.38	238	2030	0.94	0.64	4.67	0.25	32.7	28.2	8	2.32	180.5
\$038598		3.48	0.134	1.46	7.93	154.5	1350	1.34	1.07	3.73	0.43	49.2	33.5	89	3.34	347
\$038599		5.70	0.088	0.86	7.62	110.0	2800	0.83	0.54	4.28	0.20	34.9	12.4	105	2.35	171.5
\$038600		1.24	<0.005	0.01	0.12	1.0	60	0.09	0.01	32.0	0.02	1.09	1.0	2	0.05	2.9



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	85894	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$038577		4.45	15.25	0.16	1.0	0.079	3.57	12.3	25.3	1.59	938	1.21	2.10	8.1	33.5	1500
\$038578		5.54	16.80	0.13	1.1	0.110	4.02	12.1	29.4	1.64	905	1.77	1.57	9.4	38.5	1540
\$038579		4.44	17.90	0.13	0.9	0.066	4.01	10.2	30.3	1.65	944	1.48	1.61	10.3	37.8	1530
\$038580		0.14	0.32	<0.05	<0.1	0.005	0.03	1.3	1.4	2.06	161	0.05	0.03	0.2	<0.2	80
\$038581		4.42	14.00	0.08	1.1	0.098	3.19	15.8	27.6	1.53	1290	1.43	1.39	6.7	33.9	1330
\$038582		4.52	15.25	0.07	1.2	0.100	3.46	12.0	25.9	1.48	1060	1.22	1.57	7.1	36.2	1340
\$038583		4.21	16.15	0.10	1.6	0.096	4.64	10.0	24.0	1.25	876	1.61	1.10	7.3	29.0	1330
\$038584		5.00	17.30	0.12	1.3	0.110	3.26	15.7	29.2	1.71	1080	1.35	1.63	7.9	48.3	1530
\$038585		4.78	18.75	0.12	1.0	0.086	3.58	12.3	31.3	1.80	970	1.28	1.87	9.8	30.4	1400
\$038586		4.44	16.45	0.13	1.1	0.102	3.85	13.8	29.6	1.60	805	1.23	1.72	8.5	34.6	1450
S038586CD		4.46	16.60	0.16	1.1	0.095	3.85	12.9	29.5	1.60	817	1.15	1.78	8.5	34.3	1490
S038587		3.91	17.25	0.12	1.6	0.066	3.62	11.8	30.6	1.63	784	1.12	2.33	10.6	28.2	1410
S038588		4.22	16.85	0.13	1.2	0.090	3.30	12.1	26.5	1.58	885	1.76	2.39	7.4	42.5	1390
S038589		3.57	16.60	0.16	1.4	0.059	2.72	10.0	25.2	1.50	720	1.76	2.83	8.5	29.6	1240
S038590		4.73	12.85	0.10	1.3	1.420	3.70	11.0	13.3	0.46	1200	9.50	0.23	5.7	16.2	960
\$038591		3.66	16.55	0.13	1.1	0.072	3.46	7.9	26.3	1.61	799	1.36	2.32	10.4	36.9	1430
\$038592		3.76	15.90	0.13	1.1	0.071	2.96	8.7	26.4	1.48	903	1.24	2.39	9.8	32.1	1370
\$038593		4.34	17.50	0.18	2.0	0.094	5.39	12.9	22.6	1.11	907	1.82	0.53	7.1	3.2	1260
\$038594		4.83	18.75	0.15	1.8	0.088	5.30	14.9	21.9	1.22	861	1.46	1.23	7.9	6.4	1350
\$038595		4.77	18.75	0.16	1.6	0.070	4.09	12.0	21.8	1.24	937	0.83	2.12	7.6	3.2	1290
\$038596		4.83	17.90	0.12	1.4	0.069	3.62	15.6	19.9	1.10	911	0.93	2.41	7.3	4.1	1250
\$038597		4.62	15.45	0.15	1.7	0.083	4.89	19.3	17.3	0.93	863	1.99	1.62	6.8	6.7	1210
\$038598		7.84	23.8	0.16	1.4	0.202	3.39	29.1	35.5	1.72	1120	1.00	1.42	8.0	145.0	1860
\$038599		5.42	16.30	0.12	1.3	0.170	4.28	21.0	27.3	1.60	990	1.53	1.31	7.3	54.4	1480
\$038600		0.13	0.34	<0.05	0.1	<0.005	0.04	1.2	1.6	2.86	118	0.11	0.05	0.2	1.0	70



To: PRETIVM
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(ALS									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	85894	
Sample Description	Method	ME-MS61														
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	%	ppm	ppm							
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$038577		2.3	103.5	0.004	0.40	4.71	14.0	1	0.7	327	0.48	0.06	2.21	0.343	0.97	1.0
\$038578		4.0	107.5	0.005	1.64	9.19	13.7	4	0.9	282	0.52	0.17	2.16	0.346	1.22	1.2
\$038579		5.6	130.0	0.004	0.70	9.53	13.0	2	0.5	285	0.62	0.08	1.87	0.336	1.38	0.9
\$038580		1.3	1.2	<0.002	<0.01	0.11	0.3	1	<0.2	81.0	<0.05	<0.05	0.08	0.006	<0.02	0.1
\$038581		8.7	114.5	0.006	0.65	8.90	11.8	2	1.0	264	0.40	0.11	2.53	0.307	1.00	1.3
\$038582		35.7	113.0	0.005	0.70	13.25	12.7	3	1.1	269	0.41	0.17	2.35	0.332	1.07	1.2
\$038583		24.8	115.5	0.003	0.82	10.10	12.1	3	1.2	286	0.43	0.09	2.05	0.356	1.54	1.3
\$038584		8.1	125.0	0.006	0.89	12.20	15.1	3	1.1	302	0.47	0.08	2.84	0.350	1.26	1.4
\$038585		4.1	136.5	0.004	0.35	8.09	14.2	1	0.7	296	0.63	0.05	2.18	0.340	1.25	1.0
\$038586		3.8	140.0	0.004	0.68	6.27	14.1	2	0.7	320	0.51	0.10	2.59	0.342	1.37	1.1
S038586CD		3.7	140.0	0.005	0.67	6.38	13.8	2	0.7	324	0.50	0.09	2.62	0.349	1.34	1.2
S038587		2.2	135.5	0.004	0.04	3.68	14.0	1	0.5	355	0.60	<0.05	2.45	0.322	1.20	1.3
S038588		2.6	96.1	0.004	0.16	3.79	14.3	1	0.7	369	0.43	0.06	2.38	0.339	1.04	1.2
S038589		2.4	82.7	0.004	0.05	3.30	11.8	1	0.5	369	0.54	<0.05	2.82	0.302	0.89	1.7
S038590		9120	142.5	0.005	3.06	75.8	12.4	3	4.0	146.0	0.35	0.28	3.22	0.262	2.97	1.8
\$038591		8.8	95.7	0.003	0.04	4.18	12.7	<1	0.6	357	0.60	0.05	1.85	0.336	1.09	1.0
\$038592		3.2	86.2	0.003	0.03	4.31	12.2	1	0.5	307	0.56	<0.05	2.01	0.328	1.02	1.0
\$038593		5.4	154.5	<0.002	1.19	21.1	11.1	3	1.3	285	0.42	0.15	2.51	0.360	1.57	1.7
\$038594		6.3	148.0	<0.002	1.27	16.35	15.3	3	1.0	385	0.45	0.56	3.49	0.368	1.63	2.3
\$038595		6.9	93.9	<0.002	0.99	8.77	16.1	2	0.8	462	0.41	0.25	3.60	0.347	1.31	2.6
\$038596		5.8	89.6	<0.002	1.55	8.31	16.1	2	0.8	405	0.39	0.40	3.74	0.331	1.05	2.3
\$038597		6.8	116.5	<0.002	1.79	6.96	14.1	2	0.9	390	0.38	0.39	3.35	0.316	1.26	2.3
\$038598		13.1	102.5	0.008	3.37	19.90	25.0	8	1.4	245	0.50	0.38	2.27	0.394	1.50	2.0
\$038599		7.6	115.0	0.005	1.60	11.35	15.4	3	1.0	340	0.42	0.26	2.82	0.348	1.33	1.8
\$038600		0.9	1.0	<0.002	<0.01	0.15	0.3	1	<0.2	69.4	<0.05	<0.05	0.09	0.008	0.02	0.1



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20185894

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											CATE OF ANALESIS	V/ (20103031	
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5			
\$038577 \$038578 \$038579 \$038580 \$038581 \$038582 \$038583 \$038583		167 175 170 2 151 152 140 174 162	2.3 2.6 2.5 0.1 2.5 2.9 3.4 2.4 2.2	15.9 15.4 14.9 2.1 17.6 15.0 15.7 17.4	51 98 51 4 38 147 65 54	33.6 37.0 34.2 1.6 38.7 45.9 58.8 46.0 34.4		23.1 21.8 21.5 4.4 20.7 23.8 22.9 22.0 22.4	0.5 0.4 0.4 <0.1 0.4 0.4 0.4 0.4	89 96 86 6 83 93 113 95 85			
S038585 S038586 S038586CD S038587		165 165 158	1.5 1.5 1.9	15.7 15.7 15.8 15.5	55 58 57 43	38.6 39.4 36.0		22.4 22.8 22.9 22.4	0.4 0.4 0.4 0.4	96 91			
S038588 S038589 S038590		160 134 126	2.3 1.9 4.1	14.6 13.1 9.0	46 44 1870	40.2 53.0 45.9		23.1 24.6 26.7	0.4 0.4 0.4	97 102 76			
\$038591 \$038592 \$038593 \$038594 \$038595		158 151 120 150 164	2.4 3.1 2.8 2.9 2.9	12.7 13.0 21.2 20.1 16.4	48 45 31 48 43	40.6 39.8 82.0 69.5 55.3		23.5 22.1 22.4 22.7 22.1	0.4 0.3 0.5 0.5	93 94 126 109 102			
\$038596 \$038597 \$038598 \$038599 \$038600		156 132 228 177 2	3.1 3.3 3.8 3.0 0.1	16.9 20.0 17.6 16.3 2.3	41 48 85 59 5	50.3 59.1 50.7 47.7 2.5		22.2 20.8 19.9 21.4 4.6	0.4 0.4 0.4 0.5 <0.1	96 99 90 87 7			
1		I											



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

Page: Appendix 1 Total # Appendix Pages: 1 Finalized Date: 10-SEP-2020 Account: PREBOW

CERTIFICATE O	JE VNIVI ACIC	VA20185894
CERTIFICATE O	JE AINAL I SIS	VAZUIOOO94

		CERTIFICATE OF ANA	E1313 VA20183834
	CERTIFICATE COMME	ENTS	
	ANALYTIC	AL COMMENTS	
Applies to Method:	REEs may not be totally soluble in this method. ME-MS61		
	LABORATO	ORY ADDRESSES	
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North		
Applies to Method:	Ag-OG62 CRU-QC ME-MS61 PUL-QC WEI-21	vancouver, BC, Canada. BAG-01 LOG-21d PUL-32m SPL-21	CRU-31 LOG-23 PUL-32md SPL-21d



ALS Canada Ltd. 2103 Dollarton Hwy North Vancouver BC V7H 0A7

Phone: +1 604 984 0221 Fax: +1 604 984 0218

www.alsglobal.com/geochemistry

To: PRETIVM **SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET VANCOUVER BC V7X 1L4** 

Page: 1 Total # Pages: 4 (A - D) **Plus Appendix Pages** Finalized Date: 11-SEP-2020 This copy reported on

27-JAN-2021 **Account: PREBOW** 

## VA20185901

Project: Bowser Regional Project

P.O. No.: BOW-1084

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 26-AUG-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
KEN MCNAUGHTON	STEPHAINE WAFFORN	

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
PUL-32md	Pulverize 500g-DUP -85%<75um	
LOG-21	Sample logging - ClientBarCode	
CRU-31	Fine crushing - 70% <2mm	
CRU-QC	Crushing QC Test	
PUL-QC	Pulverizing QC Test	
SPL-21	Split sample - riffle splitter	
PUL-32m	Pulverize 500g - 85%<75um	
BAG-01	Bulk Master for Storage	
LOG-23	Pulp Login - Rcvd with Barcode	
LOG-21d	Sample logging - ClientBarCode Dup	
SPL-21d	Split sample - duplicate	

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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**CERTIFICATE OF ANALYSIS VA20185901** 

Page: 2 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 11-SEP-2020 Account: PREBOW

											CAILO			VAZOI	03301	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$038601		5.86	0.047	0.57	7.50	124.5	2510	1.18	0.42	3.69	0.29	23.2	12.5	83	3.62	104.5
\$038602		6.24	0.025	0.31	7.41	97.0	2330	1.01	0.21	4.59	0.07	17.40	10.2	58	3.26	62.3
\$038603		5.74	0.012	0.26	7.96	76.7	1840	1.30	0.10	4.37	0.06	21.8	10.0	53	3.37	28.4
\$038604		3.36	0.016	0.17	7.30	89.3	3720	0.88	0.09	4.92	0.10	16.65	7.2	23	3.75	35.6
\$038605		2.64	0.181	1.28	7.80	999	1370	1.53	0.61	3.87	0.48	21.3	35.4	52	6.64	280
\$038606		6.86	0.136	0.49	7.73	291	4590	0.93	0.23	5.13	0.12	34.9	11.8	85	2.55	120.0
\$038606CD		<0.02	0.148	0.53	7.77	290	4220	0.98	0.25	5.12	0.12	35.6	11.8	87	2.68	129.5
\$038607		6.58	0.045	0.20	7.77	181.5	4620	1.20	0.15	4.81	0.09	22.5	10.9	60	2.25	60.5
\$038608		5.52	0.029	0.08	7.45	158.0	4190	1.08	0.12	4.10	0.06	12.70	11.6	55	1.72	26.6
\$038609		2.26	0.036	0.06	7.25	126.5	3630	0.89	0.10	4.41	0.06	15.65	10.6	55	1.47	15.7
\$038610 \$038611 \$038612 \$038613 \$038614		0.12 3.22 3.38 2.72 2.20	1.505 0.026 0.746 0.240 0.031	28.2 0.06 3.96 0.34 0.11	5.92 7.43 4.94 7.17 7.94	383 107.5 1400 1680 271	220 3040 440 900 6320	1.25 1.25 0.54 0.96 1.01	0.99 0.07 2.62 0.20 0.05	0.67 4.95 2.56 6.83 4.49	1.59 0.05 0.63 0.07 0.08	26.9 18.15 14.65 23.7 26.8	13.8 8.5 157.5 4.2 3.3	18 59 9 5	8.64 1.44 1.35 3.74 2.85	108.5 13.4 2160 90.3 52.6
\$038615		5.80	0.033	0.10	7.77	16.6	5530	1.20	0.06	3.71	0.11	21.1	4.2	6	2.20	33.3
\$038616		5.90	0.043	0.14	8.03	18.2	5470	1.29	0.07	3.99	0.34	24.0	5.8	7	2.57	39.7
\$038617		6.28	0.022	0.10	7.85	9.5	4070	1.38	0.07	4.07	0.85	22.1	5.3	6	2.81	26.6
\$038618		5.78	0.025	0.09	7.76	30.3	3120	1.37	0.08	5.38	0.20	24.5	5.2	6	3.63	17.2
\$038619		6.14	0.012	0.05	7.56	12.1	1700	1.25	0.06	9.46	0.11	34.9	3.7	5	3.86	14.1
\$038620 \$038621 \$038622 \$038623 \$038624		1.06 4.08 4.54 4.96 7.12	<0.005 0.023 0.023 0.036 0.145	0.01 0.31 0.19 0.15 0.16	0.09 7.97 7.91 7.82 7.93	0.6 66.7 22.8 47.9 21.4	20 2950 3990 3200 3560	0.06 1.16 1.09 1.08 1.12	0.01 0.09 0.09 0.09 0.19	31.5 4.12 3.38 5.17 4.10	<0.02 0.35 0.19 0.14 0.12	1.00 21.1 23.4 28.5 23.1	0.5 3.5 5.0 5.0 5.5	1 6 6 6	<0.05 3.06 2.22 2.31 1.85	1.1 24.5 44.0 30.4 34.0
S038625		6.10	0.460	0.33	7.78	75.7	2580	1.08	0.41	4.93	0.09	20.1	8.2	6	2.50	116.5
S038626		5.80	0.124	0.23	7.93	16.8	3770	1.17	0.23	4.11	0.10	23.3	7.5	6	2.64	95.7
S038626CD		<0.02	0.153	0.21	7.96	15.4	3780	1.25	0.21	4.17	0.11	23.4	7.8	6	2.73	102.0
S038627		6.42	0.089	0.16	7.31	27.8	2940	1.31	0.16	4.34	0.24	19.90	5.3	7	3.14	60.2
S038628		5.84	0.011	0.15	6.89	17.6	1880	1.13	0.08	4.98	0.28	20.8	4.6	8	2.34	27.9
\$038629		5.82	0.023	0.15	7.51	17.4	3740	1.46	0.14	4.21	0.38	20.3	4.8	6	2.61	36.1
\$038630		0.14	0.983	12.00	6.23	315	450	1.07	0.16	3.73	4.53	23.7	10.9	27	7.05	83.3
\$038631		5.76	0.027	0.21	7.76	22.8	2730	1.37	0.13	4.27	0.14	21.4	6.9	8	2.38	65.9
\$038632		6.70	0.021	0.23	7.48	30.5	1610	1.54	0.12	5.38	3.54	26.1	5.8	6	4.30	39.3
\$038633		5.38	0.022	0.16	7.93	10.2	3210	1.39	0.17	3.84	0.13	22.5	6.3	6	1.99	62.4
\$038634		6.46	0.022	0.32	7.67	12.7	2820	1.38	0.25	3.44	0.17	20.1	10.6	7	1.66	140.5
\$038635		6.18	0.014	0.20	7.77	16.4	3290	1.38	0.15	3.67	0.27	19.85	7.5	6	1.95	68.0
\$038636		5.34	0.016	0.16	7.79	12.7	3260	1.61	0.16	3.93	0.17	22.7	9.2	6	2.59	77.8
\$038637		6.12	0.024	0.20	8.00	15.3	3210	1.54	0.24	4.68	0.13	24.4	9.7	6	3.59	74.9
\$038638		5.96	0.038	0.35	7.87	41.8	3060	1.54	0.29	4.52	0.79	22.9	12.0	6	4.03	101.0



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20185901** 

Page: 2 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 11-SEP-2020 Account: PREBOW

											CAILO	I ANA	_1 313	VAZOI	03301	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$038601		4.47	17.25	0.09	1.4	0.133	4.18	12.3	24.0	1.45	941	1.80	1.88	8.1	51.5	1580
\$038602		4.32	16.70	0.11	1.1	0.112	4.01	9.4	22.7	1.48	1000	1.49	1.81	7.5	46.9	1320
\$038603		4.13	17.50	0.11	1.1	0.115	3.51	12.0	28.3	1.73	945	1.54	2.08	8.1	23.8	1490
\$038604		2.69	17.20	0.12	1.6	0.103	5.80	7.4	22.0	1.04	750	2.00	1.19	7.9	17.4	1310
\$038605		6.06	21.2	0.12	1.1	0.152	3.32	11.7	39.8	2.26	1240	2.47	0.71	7.5	49.0	1120
\$038606 \$038606CD \$038607 \$038608 \$038609		5.21 5.32 4.34 3.89 3.34	16.50 17.45 17.00 15.95 14.95	0.13 0.15 0.12 0.10 0.12	1.1 1.1 1.0 1.0	0.158 0.167 0.134 0.117 0.100	4.34 4.32 3.80 3.86 3.85	21.6 22.1 12.9 6.3 7.9	26.2 27.2 25.3 24.0 22.0	1.81 1.82 1.61 1.53 1.32	1030 1020 925 835 772	2.68 2.85 1.01 1.07 1.09	1.64 1.67 2.23 2.64 2.44	6.9 7.1 8.6 8.6 8.5	44.6 45.9 33.0 30.5 33.5	1410 1440 1550 1550 1360
\$038610		4.49	12.75	0.13	0.9	0.039	2.73	13.6	10.3	0.37	226	4.84	0.19	5.6	14.3	1290
\$038611		3.81	15.65	0.12	1.1	0.097	3.18	9.5	24.3	1.45	851	0.88	2.65	8.3	31.7	1420
\$038612		23.7	13.25	0.17	0.9	0.224	2.22	7.4	20.2	1.38	1080	0.74	0.24	4.7	72.9	760
\$038613		5.81	15.70	0.10	1.1	0.118	4.76	13.6	21.0	1.31	1150	0.56	0.60	6.1	4.8	1040
\$038614		4.11	16.55	0.12	1.2	0.107	5.19	14.7	17.4	1.13	921	0.61	1.61	7.3	3.2	1270
\$038615		4.05	18.70	0.13	1.4	0.107	4.83	10.5	19.2	1.22	950	0.38	2.15	7.8	2.9	1310
\$038616		4.02	18.95	0.11	1.4	0.103	4.76	12.4	19.3	1.19	968	0.68	2.23	8.0	3.6	1360
\$038617		4.04	18.95	0.13	1.2	0.097	3.94	11.4	18.7	1.22	955	0.69	2.59	8.0	2.9	1310
\$038618		4.17	19.00	0.13	1.2	0.089	3.65	12.8	19.7	1.24	1020	0.42	2.34	7.7	3.0	1300
\$038619		3.51	18.10	0.12	1.2	0.090	2.81	19.2	17.3	1.14	1330	0.34	1.97	6.4	1.9	1090
\$038620		0.13	0.28	0.07	<0.1	<0.005	0.02	1.1	1.0	3.84	156	<0.05	0.04	0.1	0.4	60
\$038621		3.81	18.25	0.11	1.4	0.102	4.27	11.1	19.7	1.19	844	0.26	1.54	7.6	1.8	1370
\$038622		4.08	17.80	0.09	1.5	0.130	3.73	12.0	16.9	1.28	899	0.46	2.79	7.8	2.1	1340
\$038623		3.84	16.65	0.11	1.4	0.144	3.47	14.4	16.4	1.20	1100	0.66	2.65	7.2	2.7	1290
\$038624		3.99	17.15	0.09	1.3	0.172	3.23	12.2	16.1	1.23	854	0.43	3.04	7.3	2.7	1310
\$038625		4.09	17.65	0.11	1.3	0.190	2.86	10.5	14.1	1.06	896	0.64	2.98	7.4	3.0	1290
\$038626		4.32	19.20	0.10	1.3	0.181	3.73	12.1	15.1	1.08	795	0.33	2.64	7.7	3.1	1310
\$038626CD		4.32	19.35	0.10	1.3	0.181	3.76	11.9	15.4	1.10	808	0.41	2.64	8.0	3.4	1340
\$038627		3.62	17.45	0.09	1.2	0.147	3.66	10.0	8.0	0.99	858	0.82	2.42	7.3	2.7	1260
\$038628		3.75	15.60	0.12	1.1	0.110	3.32	10.7	6.3	1.03	929	1.08	2.00	6.3	2.9	1170
\$038629 \$038630 \$038631 \$038632 \$038633		3.76 4.01 4.35 3.69 4.14	18.40 13.05 18.85 19.30 18.05	0.12 0.12 0.12 0.12 0.12	1.4 1.1 1.4 1.4	0.106 0.043 0.129 0.106 0.102	4.12 3.93 3.14 3.34 3.24	9.6 12.1 10.5 14.1 11.3	18.3 13.5 22.2 22.0 17.7	1.09 0.56 1.22 1.05 1.13	863 1430 853 851 756	0.48 9.82 0.98 0.60 1.11	2.21 0.21 2.86 1.73 3.24	7.5 5.0 7.6 7.0 7.4	2.5 21.8 3.3 2.3 4.1	1330 920 1300 1220 1310
\$038634		4.74	18.25	0.12	1.5	0.124	2.84	9.6	17.6	1.11	729	2.60	3.54	7.5	4.2	1260
\$038635		4.24	18.65	0.12	1.4	0.105	3.25	9.8	18.6	1.11	751	0.57	3.10	7.7	3.0	1300
\$038636		4.42	20.3	0.11	1.6	0.088	3.37	11.2	21.4	1.10	782	0.84	2.70	7.6	3.6	1310
\$038637		4.54	20.2	0.14	1.7	0.104	3.84	12.3	22.9	1.16	880	0.60	2.33	7.6	3.4	1320
\$038638		4.88	19.85	0.13	1.5	0.117	3.94	11.6	24.7	1.21	974	0.54	2.27	7.4	3.3	1300



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20185901** 

Page: 2 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 11-SEP-2020 Account: PREBOW

								<u></u>			CAILO	I ANA	-1313	VAZOI	03301	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$038601 \$038602 \$038603 \$038604 \$038605		5.3 3.9 2.5 3.2 16.7	94.6 94.4 103.0 111.0 126.5	0.006 0.002 0.004 0.002 0.002	0.53 0.37 0.15 0.15 0.86	9.41 8.85 4.83 4.68 20.5	11.7 12.4 12.0 10.0 11.2	2 1 1 1 4	1.1 0.9 0.8 1.3 0.6	352 361 383 366 189.5	0.50 0.43 0.48 0.46 0.51	0.21 0.09 0.14 <0.05 0.42	2.42 1.82 2.12 2.10 2.43	0.375 0.323 0.343 0.362 0.289	1.37 1.16 1.14 1.77 1.22	1.6 1.0 1.1 1.5
S038603 S038606 S038606CD S038607 S038608 S038609		4.5 4.7 3.4 2.1 2.9	101.5 103.0 92.2 67.9 80.4	0.002 0.003 0.004 0.003 0.004 0.003	1.08 1.16 0.36 0.14 0.12	8.15 8.57 4.01 2.45 3.40	13.3 13.6 14.0 12.2 12.3	2 2 1 <1 <1	1.1 1.2 1.1 0.9 0.8	450 451 512 511 437	0.41 0.41 0.51 0.50 0.48	0.42 0.05 0.07 <0.05 <0.05 <0.05	2.45 2.64 1.93 1.54 1.67	0.269 0.353 0.352 0.335 0.356 0.324	1.29 1.38 0.95 0.85 0.84	1.0 1.4 1.5 1.2 1.0 1.1
S038610 S038611 S038612 S038613 S038614		52.3 1.8 20.4 5.9 3.9	127.0 66.6 44.4 123.5 117.0	<0.002 0.003 <0.002 <0.002 <0.002	4.15 0.06 >10.0 1.50 0.22	35.4 2.39 23.2 30.5 7.85	13.9 12.0 8.2 12.1 14.2	5 1 21 5	1.8 0.7 0.9 1.2 1.3	135.0 483 181.5 397 473	0.31 0.50 0.26 0.32 0.39	0.28 <0.05 1.63 <0.05 <0.05	2.50 1.95 2.21 3.39 4.06	0.305 0.322 0.211 0.285 0.348	2.38 0.74 0.82 1.19 1.20	1.0 1.2 1.7 1.9 2.0
\$038615 \$038616 \$038617 \$038618 \$038619		9.8 11.6 19.2 8.2 4.5	88.0 93.2 79.4 86.5 106.5	<0.002 <0.002 <0.002 <0.002 <0.002	0.20 0.24 0.14 0.16 0.17	2.82 3.38 10.35 4.56 3.68	14.4 15.3 14.8 14.7 13.2	1 1 <1 1	1.4 1.3 1.2 1.2 1.0	639 671 616 448 416	0.42 0.42 0.41 0.40 0.35	<0.05 <0.05 <0.05 <0.05 <0.05	3.44 3.71 3.46 3.63 4.02	0.364 0.373 0.366 0.354 0.296	1.08 1.05 0.87 0.93 0.80	2.4 2.5 2.4 2.4 2.5
\$038620 \$038621 \$038622 \$038623 \$038624		0.5 4.3 6.5 8.2 7.5	0.5 97.6 70.0 76.6 62.3	<0.002 <0.002 <0.002 <0.002 <0.002	<0.01 0.22 0.21 0.37 0.34	0.14 5.33 3.55 4.83 3.75	0.2 13.1 12.4 13.1 12.6	1 1 1 1	<0.2 1.2 1.2 1.2 1.3	67.3 404 585 792 606	<0.05 0.41 0.41 0.40 0.40	<0.05 <0.05 0.05 0.05 0.10	0.09 3.70 3.47 4.02 3.62	0.006 0.365 0.371 0.345 0.356	<0.02 1.12 0.88 0.96 0.83	0.1 2.2 2.1 2.3 2.3
\$038625 \$038626 \$038626CD \$038627 \$038628		5.1 5.6 5.9 8.6 5.1	67.2 73.9 75.8 74.2 71.6	<0.002 <0.002 <0.002 <0.002 <0.002	0.75 0.70 0.72 0.44 0.31	5.13 4.88 5.01 5.88 5.18	13.5 14.0 14.7 13.4 13.0	1 1 2 1 1	1.3 1.3 1.4 1.1 0.9	519 617 620 636 544	0.40 0.42 0.43 0.38 0.35	0.24 0.09 0.08 0.09 <0.05	3.92 3.68 3.62 3.37 3.31	0.352 0.365 0.366 0.340 0.308	0.84 0.91 0.92 0.92 0.85	2.6 2.5 2.5 2.2 1.8
\$038629 \$038630 \$038631 \$038632 \$038633		13.8 150.0 14.1 40.7 6.1	81.8 166.5 66.0 88.1 62.7	<0.002 0.010 <0.002 <0.002 <0.002	0.39 2.84 0.71 0.58 0.51	5.01 18.45 4.18 4.39 2.26	15.4 11.3 16.4 14.8 15.5	1 2 1 1	1.2 1.5 1.2 1.2 1.0	536 192.5 526 476 549	0.41 0.29 0.41 0.38 0.41	<0.05 0.31 0.05 <0.05 0.06	3.35 3.14 3.64 3.77 3.71	0.356 0.255 0.357 0.330 0.356	1.08 3.22 0.78 0.98 0.69	2.2 1.6 2.0 2.0 2.1
\$038634 \$038635 \$038636 \$038637 \$038638		8.3 8.4 6.5 7.2 15.1	50.8 62.9 76.1 94.3 88.6	<0.002 <0.002 <0.002 <0.002 <0.002	1.00 0.63 0.71 0.79 1.06	2.96 2.94 2.95 4.61 5.12	15.6 15.2 16.5 17.0 16.1	1 1 1 1	0.9 1.1 0.9 1.1 1.3	580 564 537 501 488	0.41 0.41 0.41 0.42 0.41	0.10 0.05 0.05 0.09 0.11	3.56 3.50 3.87 4.21 3.80	0.352 0.353 0.353 0.356 0.356	0.62 0.77 0.86 1.10 1.23	2.3 2.1 2.4 2.6 2.3



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS	,								CERTIFICATE OF ANALYSIS VA20185901
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$038601 \$038602 \$038603 \$038604 \$038605		174 160 166 133 141	5.1 3.1 2.4 2.6 3.5	12.3 12.3 14.1 16.9 16.0	55 49 50 33 85	44.0 32.5 35.4 54.6 36.9	22.1 21.1 21.8 22.6 21.0	0.5 0.4 0.4 0.5	108 87 80 129 76
S038606		164	4.0	14.6	49	33.6	19.7	0.5	93
S038606CD		165	3.9	15.0	50	34.9	20.7	0.5	97
S038607		177	2.7	13.9	47	30.6	21.3	0.5	76
S038608		186	2.1	11.6	42	33.5	21.8	0.5	91
S038609		154	2.4	11.9	38	31.4	22.2	0.5	84
\$038610 \$038611 \$038612 \$038613 \$038614		141 152 87 133 161	3.2 1.6 3.9 4.1 3.8	8.5 13.1 10.6 21.8 15.2	194 43 61 38 42	29.7 33.1 26.3 33.5 32.5	30.7 21.6 14.0 19.1 22.2	0.4 0.4 0.4 0.5 0.6	76 87 65 85
\$038615		170	3.3	15.7	49	42.5	22.2	0.5	96
\$038616		172	3.4	16.2	70	41.7	22.7	0.5	103
\$038617		169	3.1	14.8	97	36.1	21.7	0.5	99
\$038618		166	3.2	15.5	55	36.7	20.7	0.4	106
\$038619		139	2.8	19.3	43	36.6	18.3	0.4	90
\$038620		2	0.1	2.0	5	1.5	4.5	<0.1	9
\$038621		174	4.4	10.6	66	42.1	22.9	0.5	103
\$038622		173	4.3	13.2	58	43.3	21.4	0.5	105
\$038623		161	3.0	17.3	42	39.2	21.8	0.5	118
\$038624		168	2.5	12.6	45	36.2	21.5	0.4	105
\$038625		164	2.5	10.9	37	36.0	22.0	0.4	105
\$038626		171	2.3	13.4	43	37.7	20.5	0.5	99
\$038626CD		173	2.4	13.5	44	37.6	22.2	0.5	100
\$038627		160	4.2	10.4	45	33.7	21.7	0.5	94
\$038628		144	10.7	11.9	41	35.1	23.5	0.4	93
\$038629		169	2.6	11.6	60	43.6	22.5	0.5	112
\$038630		105	5.5	8.5	482	35.8	23.6	0.3	92
\$038631		172	2.5	14.9	48	40.7	21.6	0.4	102
\$038632		153	4.9	14.5	257	41.8	21.4	0.4	91
\$038633		166	1.8	13.0	44	40.4	22.2	0.5	91
\$038634		164	1.8	15.4	44	42.6	20.0	0.5	98
\$038635		167	2.4	15.5	54	44.4	22.1	0.5	104
\$038636		166	2.3	16.0	48	47.9	22.2	0.5	107
\$038637		166	3.2	18.3	48	51.2	21.4	0.4	105
\$038638		167	4.3	17.1	91	48.2	21.6	0.4	95



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20185901** 

Page: 3 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 11-SEP-2020 Account: PREBOW

											CAILO	ו אוא	-1313	VAZOI	03301	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$038639		5.74	0.021	0.21	7.76	15.2	3650	1.27	0.21	3.96	0.11	21.9	8.8	5	2.47	61.3
\$038640		1.26	<0.005	<0.01	0.10	0.3	30	0.06	0.04	33.4	<0.02	1.19	0.6	1	0.07	1.7
\$038641		5.66	0.015	0.17	7.99	12.6	3820	1.00	0.20	3.63	0.15	24.9	7.9	4	2.50	61.3
\$038642		5.86	0.019	0.24	7.94	28.4	3690	1.01	0.15	3.73	0.34	25.3	9.6	4	3.17	64.4
\$038643		5.66	0.291	0.18	7.65	12.4	3840	0.97	0.17	3.76	0.10	23.4	8.0	4	2.37	53.1
S038644		5.94	0.041	0.16	7.65	11.6	3580	1.13	0.16	3.81	0.19	23.8	8.1	4	2.30	48.5
S038645		5.76	0.011	0.35	7.91	8.7	4110	1.13	0.39	3.11	0.18	23.6	11.1	5	2.13	124.0
S038646		5.60	0.020	0.38	7.96	35.9	3910	1.30	0.32	4.23	0.41	27.4	10.4	7	2.81	85.4
S038646CD		<0.02	0.023	0.38	7.84	35.4	3910	1.30	0.34	4.26	0.39	26.9	10.5	6	2.80	82.2
S038647		5.96	0.257	0.47	8.01	109.5	4170	1.34	0.50	3.25	0.66	22.6	9.1	7	1.97	56.5
S038648		5.82	0.092	0.29	8.06	51.1	3890	1.35	0.35	3.19	0.22	23.1	10.0	7	1.80	63.0
S038649		5.52	0.010	0.22	8.14	12.7	3690	1.47	0.19	3.30	0.14	23.1	9.9	8	1.68	68.0
S038650		0.16	5.84	80.4	6.36	297	850	1.01	1.18	2.01	23.6	24.8	11.8	23	8.03	118.0
S038651		5.96	0.046	0.38	7.82	24.8	3750	1.38	0.35	4.45	0.46	24.1	9.8	7	2.34	61.8
S038652		5.70	0.009	0.17	7.77	9.2	3550	1.45	0.14	3.51	0.10	21.1	8.1	6	2.21	41.0
\$038653		5.84	0.184	0.37	7.98	292	3670	1.35	0.81	3.65	0.15	20.8	7.9	7	2.33	56.1
\$038654		6.02	0.186	0.42	7.72	809	3520	1.36	1.12	3.72	0.27	21.2	7.3	6	2.43	56.1
\$038655		5.92	0.016	0.22	7.63	18.6	3440	1.35	0.19	3.51	0.14	21.1	8.7	7	1.93	51.7
\$038656		5.64	0.017	0.13	7.98	14.1	3290	1.35	0.09	3.70	0.09	22.7	9.0	6	1.66	28.0
\$038657		5.62	0.023	0.12	7.87	16.4	4130	1.39	0.09	3.87	0.16	21.4	10.0	7	1.90	18.9
\$038658		6.40	0.019	0.12	7.91	14.4	3720	1.49	0.09	3.61	0.14	22.1	10.4	7	2.41	20.4
\$038659		6.72	0.021	0.12	7.76	19.2	4140	1.46	0.07	3.99	0.16	20.7	12.2	7	3.18	25.2
\$038660		0.58	<0.005	0.02	0.08	<0.2	30	0.09	0.01	33.3	0.05	1.11	0.4	2	0.05	0.9
\$038661		6.04	0.020	0.14	8.05	15.8	4060	1.24	0.12	3.64	0.10	24.5	12.5	7	1.93	39.6
\$038662		6.34	0.030	0.20	7.94	23.1	3820	1.30	0.22	3.41	0.14	24.5	15.2	6	2.30	58.7
S038663		6.26	0.025	0.16	7.66	14.6	3870	1.32	0.15	3.54	0.21	24.7	11.6	7	2.76	38.1
S038664		4.94	0.049	0.22	7.78	15.5	3930	1.33	0.19	3.85	0.31	27.9	13.4	7	2.69	50.1
S038665		7.68	0.032	0.22	7.60	11.2	3580	1.27	0.18	4.37	0.14	24.8	11.8	7	3.16	46.6
S038666		6.06	0.020	0.15	7.70	12.7	3770	1.34	0.20	4.42	0.13	25.0	10.7	7	3.92	46.8
S038666CD		<0.02	0.015	0.14	7.73	12.9	3770	1.38	0.17	4.38	0.12	23.7	10.4	7	3.86	45.2
\$038667		5.80	0.013	0.15	7.51	12.9	3690	1.36	0.19	4.21	0.16	22.5	11.4	7	3.91	38.9
\$038668		6.68	0.008	0.10	7.74	6.8	4080	1.36	0.11	3.90	0.14	24.2	9.8	7	1.82	37.9
\$038669		6.56	0.017	0.13	8.04	9.3	4400	1.40	0.15	3.68	0.12	26.0	11.1	10	1.69	49.9
\$038670		0.10	1.265	27.8	5.99	393	320	1.27	1.00	0.68	1.63	29.7	13.6	19	8.50	108.5
\$038671		5.88	0.047	0.15	7.71	598	4430	1.31	0.24	3.83	0.08	23.5	11.3	8	1.59	43.0
\$038672		6.44	0.015	0.16	8.22	13.8	3840	1.48	0.15	3.78	0.14	24.7	11.2	8	2.99	48.1
\$038673		6.28	0.026	0.17	7.77	90.9	3560	1.56	0.23	4.75	0.37	23.2	10.4	7	2.86	37.5
\$038674		6.38	0.020	0.17	7.78	19.1	3600	1.47	0.21	3.83	0.12	23.7	11.7	7	2.56	46.8
\$038675		5.96	0.029	0.11	7.80	9.0	4150	1.48	0.13	3.50	0.09	24.2	9.6	7	2.20	26.5
\$038676		6.12	0.046	0.11	8.07	6.1	3880	1.41	0.12	3.92	0.13	23.8	9.5	8	2.80	22.9



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(ALS)	,								С	ERTIFIC	CATE O	F ANAL	YSIS	VA201	85901	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$038639		4.12	18.60	0.14	2.3	0.098	4.57	10.1	18.1	0.93	770	1.55	2.08	7.6	2.2	1330
\$038640		0.13	0.30	0.10	0.1	<0.005	0.02	1.4	1.0	3.07	142	0.06	0.05	0.2	0.5	60
\$038641		4.11	17.20	0.12	2.3	0.103	5.12	11.3	15.0	0.91	759	1.77	1.96	7.4	1.8	1310
\$038642		4.05	17.10	0.14	2.1	0.089	4.99	11.1	17.1	0.87	805	2.08	1.99	7.3	1.9	1320
\$038643		3.95	17.45	0.13	2.4	0.123	5.13	10.2	14.7	0.84	747	1.83	1.97	7.4	1.9	1310
S038644 S038645 S038646 S038646CD S038647		4.90 4.63 4.60 4.46	19.00 19.00 19.45 18.90	0.12 0.13 0.10 0.12	2.0 1.7 1.6 1.7	0.114 0.128 0.125 0.093	4.75 4.26 4.27 4.03	12.9 16.3 15.5 11.5	15.8 20.8 21.4 21.4	1.12 1.06 1.05 1.11	868 935 947 890	2.45 1.23 1.28 0.47	2.16 2.33 2.34 2.74	7.5 7.4 7.7 7.5	3.3 3.2 3.3 3.1	1290 1280 1300 1330
\$038648		4.53	18.90	0.12	1.6	0.093	3.79	11.6	21.6	1.17	931	0.34	2.87	7.6	3.3	1320
\$038649		4.56	19.65	0.11	1.7	0.110	3.86	11.7	16.6	1.26	956	0.78	3.09	7.6	3.2	1350
\$038650		4.77	13.45	0.12	1.3	1.445	3.76	13.4	13.8	0.48	1220	10.00	0.23	5.4	17.7	960
\$038651		4.12	18.15	0.14	1.6	0.103	3.96	12.4	17.4	1.03	935	0.67	2.69	7.5	5.3	1240
\$038652		4.23	19.65	0.13	1.6	0.114	3.63	10.4	16.4	1.12	902	0.37	3.17	7.7	3.0	1300
\$038653		4.27	17.65	0.14	1.6	0.119	3.74	10.3	17.7	1.06	918	0.57	3.10	7.3	3.2	1330
\$038654		4.18	18.90	0.14	1.6	0.114	3.65	10.3	19.9	1.08	867	0.49	2.90	7.4	2.8	1290
\$038655		4.25	19.60	0.12	1.7	0.123	3.31	10.2	19.8	1.11	903	0.46	3.38	8.0	3.2	1300
\$038656		4.34	18.45	0.13	1.6	0.119	3.27	10.9	18.0	1.11	930	0.41	3.58	7.7	3.3	1330
\$038657		4.26	17.95	0.14	1.6	0.105	3.82	10.5	18.3	1.24	974	0.41	3.00	7.3	2.9	1320
\$038658		4.37	19.30	0.15	1.7	0.109	3.43	10.8	18.3	1.30	1020	0.41	3.23	8.1	3.5	1340
\$038659		4.36	18.80	0.12	1.7	0.090	3.84	9.8	18.3	1.17	1060	0.63	2.86	7.7	3.5	1330
\$038660		0.14	0.25	0.10	<0.1	0.006	0.02	1.3	1.0	2.59	158	0.18	0.03	0.1	0.4	60
\$038661		4.65	17.40	0.11	1.6	0.092	3.69	11.9	14.7	1.30	1020	0.48	3.01	7.5	3.3	1330
\$038662		4.70	19.00	0.10	1.6	0.101	3.61	11.5	16.2	1.12	854	0.58	2.83	7.5	3.1	1320
\$038663		4.41	18.20	0.10	1.5	0.093	3.69	11.7	20.9	1.11	886	0.70	2.50	7.4	3.1	1310
\$038664		4.55	18.90	0.12	1.6	0.090	3.93	13.9	22.7	1.14	922	0.80	2.31	7.6	3.7	1310
\$038665		4.38	19.30	0.10	1.6	0.087	3.68	12.2	19.2	1.08	921	0.63	2.35	7.6	3.2	1290
\$038666		4.30	19.20	0.12	1.7	0.085	3.84	12.1	19.0	1.11	941	0.54	2.38	7.8	3.2	1320
\$038666CD		4.28	18.30	0.10	1.6	0.079	3.82	11.4	18.4	1.11	932	0.59	2.39	7.4	3.1	1320
\$038667		4.17	18.80	0.11	1.6	0.087	3.80	10.6	17.7	1.11	983	0.76	2.33	7.4	3.2	1270
\$038668		4.39	19.20	0.13	1.6	0.082	3.56	11.2	14.0	1.18	972	0.35	2.59	7.6	3.0	1330
\$038669		4.45	18.75	0.14	1.5	0.080	3.83	12.8	14.1	1.16	933	0.72	2.54	7.5	2.8	1290
\$038670		4.55	12.85	0.11	0.9	0.039	2.70	13.6	10.2	0.37	228	4.80	0.20	5.5	13.9	1290
\$038671		4.53	19.20	0.10	1.6	0.078	4.09	11.3	19.6	1.21	1000	0.68	2.52	7.6	2.7	1310
\$038672		4.50	19.65	0.13	1.7	0.091	4.05	11.8	17.6	1.18	979	0.51	2.77	7.9	3.1	1350
\$038673		4.48	19.65	0.13	1.7	0.096	3.87	11.2	28.5	1.26	1020	0.54	2.44	7.6	3.1	1310
\$038674		4.33	19.20	0.12	1.7	0.076	3.60	11.3	19.1	1.13	912	0.49	2.71	7.7	3.3	1300
\$038675		4.06	20.6	0.12	1.7	0.082	4.09	11.4	16.4	1.26	947	0.85	2.65	8.0	3.0	1340
\$038676		4.31	19.65	0.14	1.7	0.082	3.87	11.1	15.6	1.25	1030	0.70	2.64	7.7	3.0	1340



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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**CERTIFICATE OF ANALYSIS VA20185901** 

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											CAILO	I ANA	_ 1	<b>V/\Z</b>	03301	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
5038639		7.3	88.4	<0.002	0.69	3.14	13.0	1	1.5	713	0.44	0.08	2.67	0.380	1.08	1.7
S038640		1.0 5.6	0.6 99.3	<0.002 <0.002	0.01 0.63	0.14 2.94	0.2 10.1	1	<0.2 1.4	71.0 696	<0.05 0.44	< 0.05	0.08 2.67	0.007 0.390	0.02 1.07	0.1
S038641 S038642		7.0	99.3 97.6	<0.002	0.63	2.94	9.9	1	1.4	624	0.44	0.11 0.09	2.60	0.390	1.07	1.6 1.5
S038643		4.7	87.3	<0.002	0.65	2.79	10.3	<1	1.5	682	0.43	0.09	2.42	0.383	1.10	1.5
								1								
S038644 S038645		5.5 9.7	86.5 94.0	<0.002 <0.002	0.49 1.19	3.66 4.36	10.5 12.9	1	1.3 1.7	696 609	0.45 0.43	0.08 0.16	2.46 3.14	0.381 0.365	0.98 1.05	1.8 2.5
S038646		14.8	94.0	<0.002	0.66	3.97	15.8	1	1.7	483	0.43	0.10	3.1 <del>4</del> 4.14	0.353	0.93	2.6
S038646CD		13.9	89.3	<0.002	0.65	3.86	15.8	1	1.7	485	0.43	0.13	4.14	0.355	0.93	2.7
S038647		26.0	76.5	<0.002	0.03	4.02	14.9	1	1.4	551	0.42	0.13	3.71	0.333	0.86	2.4
S038648		11.0	71.8	<0.002	0.50	3.60	15.9	1	1.3	628	0.42	0.07	3.72	0.361	0.81	2.4
S038649		6.5	69.0	< 0.002	0.50	3.36	16.6	1	1.3	631	0.42	0.07	3.76	0.369	0.83	2.4
S038650		8850	161.0	0.003	3.03	75.5	12.7	3	3.9	146.0	0.33	0.29	3.72	0.252	3.34	2.1
S038651		21.8	85.0	<0.002	0.49	3.05	15.9	1	1.1	520	0.42	0.07	4.04	0.341	0.88	2.4
S038652		6.1	64.9	<0.002	0.41	2.67	15.9	<1	1.1	601	0.42	0.06	3.51	0.359	0.78	2.2
S038653		9.1	67.8	<0.002	0.57	3.74	15.9	1	0.9	488	0.39	0.06	3.70	0.361	0.79	2.2
S038654		10.9	72.1	< 0.002	0.52	4.40	16.0	1	1.0	513	0.40	< 0.05	3.73	0.352	0.80	2.4
S038655		6.1	57.1	< 0.002	0.40	3.08	16.4	1	1.1	538	0.43	0.08	3.59	0.355	0.74	2.5
S038656		4.2	57.2	< 0.002	0.29	2.87	16.7	1	1.1	489	0.43	< 0.05	3.83	0.363	0.66	2.7
S038657		9.9	65.8	< 0.002	0.17	2.53	15.8	1	1.0	643	0.40	0.05	3.68	0.362	0.73	2.4
S038658		8.3	60.5	<0.002	0.15	3.24	16.7	1	1.2	660	0.43	<0.05	3.57	0.368	0.71	2.3
S038659		7.4	66.1	< 0.002	0.25	2.90	15.7	1	1.0	678	0.42	<0.05	3.41	0.363	0.82	2.3
S038660		2.3	0.6	<0.002	<0.01	0.09	0.2	1	<0.2	77.6	<0.05	<0.05	80.0	0.005	< 0.02	0.1
S038661		7.1	61.1	<0.002	0.52	3.98	13.5	1	1.1	700	0.41	0.05	3.72	0.367	0.84	2.7
S038662		8.5	73.3	<0.002	0.77	4.15	14.6	1	1.0	612	0.41	0.10	3.75	0.361	0.86	2.9
S038663		8.9	73.3	<0.002	0.49	3.81	14.3	1	0.9	519	0.39	0.06	3.57	0.359	0.91	2.9
S038664		10.7	82.6	<0.002	0.63	3.87	15.1	1	1.0	532	0.42	0.07	3.69	0.359	0.97	3.0
S038665		8.8	77.5	<0.002	0.55	3.24	14.9	1	0.9	561	0.41	0.08	3.65	0.354	0.83	2.8
S038666		7.4	79.4	<0.002	0.50	3.19	15.3	<1	1.0	587	0.43	0.05	3.71	0.363	0.93	2.8
S038666CD		7.2	78.5	<0.002	0.49	3.13	14.6	1	0.9	588	0.39	0.05	3.59	0.357	0.88	2.7
S038667		8.9	72.6	<0.002	0.33	2.78	14.8	1	1.0	592	0.41	0.07	3.52	0.353	0.86	2.7
S038668		6.1	64.7	<0.002	0.38	3.45	15.0	<1	1.0	673	0.42	<0.05	3.69	0.363	0.80	2.8
S038669		5.0	72.3	<0.002	0.53	4.13	15.1	2	1.0	686	0.40	0.06	3.84	0.363	0.81	2.8
S038670		53.2	126.0	<0.002	4.21	34.8	14.1	5	1.8	137.5	0.33	0.25	2.77	0.309	2.53	1.0
S038671		5.2	71.9	<0.002	0.48	4.61	15.1	1	0.9	730	0.43	0.09	3.45	0.356	0.87	2.8
S038672		6.6	80.3	<0.002	0.44	3.24	16.6	1	1.1	616	0.43	<0.05	3.77	0.379	0.90	3.0
S038673		10.0	83.4	<0.002	0.57	4.84	15.5	1	1.0	457	0.44	0.07	3.64	0.362	1.10	2.8
S038674		7.0	71.0	< 0.002	0.56	2.50	15.3	1	1.0	631	0.42	0.07	3.69	0.363	0.87	2.8
S038675		5.1	75.7	<0.002	0.28	2.52	15.5	<1	1.1	697	0.42	0.05	3.54	0.364	0.87	2.9
S038676		6.9	75.7	<0.002	0.25	2.13	16.1	<1	1.0	704	0.43	0.05	3.62	0.370	0.82	2.9



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(ALS)	,								CERTIFICATE OF ANALYSIS VA20185901
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
S038639		137	2.2	20.0	42	80.2	23.0	0.5	139
S038640		2	<0.1	2.3	5	1.7	4.1	<0.1	<5
S038641		129	1.9	21.2	43	79.9	23.4	0.5	139
S038642 S038643		128 129 128	2.3 1.7 4.3	20.1 20.5 19.1	64 38 45	74.9 85.9 75.9	23.1 22.5 21.8	0.5 0.5 0.5	144 144 141
S038645		150	2.6	18.3	55	69.1	22.0	0.5	122
S038646		168	3.2	17.5	71	51.3	21.1	0.5	112
S038646CD		167	3.3	17.0	72	50.3	20.8	0.5	99
S038647		170	2.0	16.6	91	50.0	20.8	0.5	105
S038648		170	1.8	16.5	59	47.9	21.3	0.5	105
S038649		174	1.8	16.7	55	48.8	21.7	0.5	103
S038650		122	4.0	9.4	1870	41.4	26.2	0.4	78
\$038651		160	3.2	16.5	73	47.5	21.2	0.5	111
\$038652		170	1.6	16.4	47	49.6	21.6	0.4	102
\$038653		171	2.4	15.1	49	49.1	21.0	0.5	103
S038654		165	1.8	16.1	57	49.8	21.8	0.5	108
S038655		169	2.0	16.6	52	52.3	22.2	0.4	104
S038656		172	2.5	16.7	45	50.1	22.4	0.4	102
S038657		169	1.6	15.8	56	48.0	21.9	0.5	98
S038658		171	1.6	16.8	56	52.0	22.3	0.5	111
S038659		173	1.7	16.3	62	49.8	22.8	0.5	117
S038660		1	<0.1	2.1	6	1.4	4.4	<0.1	<5
S038661		172	1.5	15.9	54	44.7	21.8	0.5	112
S038662		171	2.2	16.0	51	47.6	22.3	0.5	118
S038663		168	1.8	14.9	60	46.2	22.1	0.5	104
S038664		171	1.9	15.9	68	48.0	22.6	0.5	121
S038665		168	1.8	15.5	56	47.5	22.5	0.5	106
S038666 S038666CD S038667		171 169 165	2.3 2.2 2.1	16.1 15.6 15.2	53 51 61	48.4 46.8 49.2	23.0 22.3 23.4	0.5 0.5 0.4	106 108 108
S038667 S038669 S038670 S038671		173 170 143 170	1.1 1.5 2.5 1.5	16.2 16.3 8.5 15.7	56 50 199 49	48.6 48.3 37.1 46.5	24.7 24.0 31.7 23.6	0.5 0.5 0.5 0.4 0.5	117 104 71 100
\$038672		179	2.6	15.8	57	51.8	23.4	0.5	108
\$038673		175	4.2	16.0	75	48.4	21.9	0.5	109
\$038674		169	2.0	16.0	52	50.8	22.3	0.5	106
\$038675		173	1.2	16.7	51	54.6	24.4	0.5	110
\$038676		174	1.3	16.7	60	52.4	23.5	0.5	122



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(ALS)									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	85901	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$038677		5.56	0.031	0.34	7.60	19.1	3290	1.30	0.18	4.08	0.24	23.4	12.4	7	4.04	46.2
\$038678		6.70	0.068	0.20	7.74	282	3980	1.42	0.38	3.37	0.14	22.3	14.9	7	2.32	57.8
\$038679		6.26	0.045	0.15	7.34	52.5	3090	1.42	0.25	4.35	0.19	24.1	16.1	7	2.37	52.5
\$038680		0.64	0.009	0.01	0.10	1.1	30	0.07	0.01	34.1	<0.02	1.17	0.7	1	0.06	1.2
\$038681		6.02	0.026	0.12	7.84	13.0	3930	1.23	0.23	3.91	0.13	23.8	13.3	7	2.48	52.9
\$038682		6.12	0.021	0.10	8.11	17.9	3760	0.91	0.17	3.74	0.10	27.5	13.1	7	1.54	43.8
\$038683		5.96	0.032	0.11	7.68	12.8	3460	1.25	0.13	3.87	0.17	24.3	12.3	14	1.64	45.5
\$038684		6.56	0.142	0.12	7.57	40.3	3190	1.25	0.15	4.09	0.28	24.3	11.7	7	1.89	39.3
\$038685		6.78	0.047	0.17	7.81	21.2	3450	1.40	0.22	3.96	0.11	25.6	14.8	7	1.74	67.1
\$038686		5.42	0.067	0.19	7.54	18.6	3560	1.27	0.15	3.95	0.76	25.0	12.5	8	2.14	56.2
\$038686CD \$038687 \$038688 \$038689 \$038690		<0.02 5.90 5.94 4.52 0.16	0.050 0.045 0.032 0.034 0.985	0.22 0.16 0.15 0.21 12.95	7.54 7.54 7.75 7.52 6.15	21.9 12.5 11.9 27.4 326	3550 3850 3000 4030 590	1.47 1.56 1.71 1.45 1.23	0.18 0.13 0.16 0.26 0.17	3.85 3.51 3.72 4.42 3.75	0.89 0.19 0.19 0.06 4.59	24.0 20.6 23.8 24.8 23.6	13.4 12.0 12.6 11.8 10.6	7 7 7 7 7 27	1.97 1.44 1.59 2.34 6.90	57.2 48.5 60.6 84.7 84.0
\$038691		4.18	0.075	0.30	7.45	54.0	3600	2.14	0.36	2.65	0.18	33.9	16.6	77	2.15	105.5
\$038692		4.42	0.074	0.27	7.21	77.6	3200	1.58	0.46	3.76	0.18	15.35	20.4	85	2.19	129.0
\$038693		3.76	0.064	0.24	7.75	131.5	5950	1.60	0.42	3.80	0.13	23.8	24.0	116	2.64	106.5
\$038694		6.12	0.019	0.18	7.21	42.9	4490	1.90	0.29	3.33	0.13	20.2	12.4	92	2.34	86.1
\$038695		5.80	0.014	0.35	7.51	69.7	2970	1.64	0.59	3.43	0.17	21.0	16.8	96	2.01	190.0
\$038696		5.94	0.032	0.37	7.28	31.0	3260	1.64	0.57	4.21	0.21	24.2	13.9	78	2.39	164.0
\$038697		5.92	0.019	0.22	7.74	14.9	3800	1.28	0.33	3.74	0.21	25.9	10.1	94	1.64	103.0
\$038698		6.16	0.047	0.35	7.21	24.2	2110	1.22	0.41	3.60	0.19	23.3	16.9	99	1.75	178.5
\$038699		5.54	0.032	0.22	7.67	23.7	4170	1.24	0.26	3.66	0.12	21.9	10.1	81	2.17	104.0
\$038700		1.02	<0.005	0.01	0.12	0.8	50	0.07	0.03	33.9	<0.02	1.25	0.9	3	0.05	3.0



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									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	85901	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$038677		4.36	18.55	0.12	1.6	0.071	3.81	11.1	15.1	1.22	986	0.46	2.24	7.4	3.0	1280
\$038678		4.42	18.70	0.13	1.7	0.076	4.06	10.2	15.8	1.21	974	0.43	2.45	7.5	3.3	1300
\$038679		4.52	18.45	0.11	1.5	0.076	3.54	11.2	14.5	1.12	1020	0.41	2.20	7.2	3.4	1260
\$038680		0.14	0.29	0.07	<0.1	<0.005	0.03	1.3	1.0	2.73	143	0.06	0.04	0.1	0.6	60
\$038681		4.47	17.05	0.09	1.6	0.082	3.85	11.0	12.4	1.07	940	0.32	2.48	7.2	2.7	1310
\$038682		4.49	17.90	0.10	1.6	0.084	3.67	12.5	15.4	1.18	1010	0.57	2.82	7.9	3.1	1390
\$038683		4.51	18.40	0.09	1.6	0.089	3.19	11.0	13.5	1.22	1080	0.50	2.97	7.5	4.2	1290
\$038684		4.32	19.10	0.09	1.6	0.086	3.22	11.1	14.3	1.14	1030	0.49	2.93	7.5	3.0	1300
\$038685		4.25	17.95	0.11	1.6	0.072	3.53	12.2	16.1	1.12	929	0.52	2.87	7.3	2.8	1280
\$038686		4.15	18.10	0.11	1.5	0.067	3.80	11.7	19.7	1.15	937	0.52	2.57	7.2	2.9	1260
\$038686CD		4.14	18.30	0.15	1.4	0.067	3.86	11.4	24.5	1.15	932	1.11	2.59	7.9	3.0	1310
\$038687		4.20	18.75	0.14	1.5	0.076	3.75	9.6	18.5	1.22	974	0.47	2.83	7.8	2.9	1290
\$038688		4.19	19.50	0.17	1.6	0.080	3.04	10.9	16.6	1.20	974	0.43	3.38	8.3	3.2	1320
\$038689		4.24	20.1	0.18	1.3	0.095	4.09	12.0	25.2	1.14	914	0.68	2.23	7.9	4.1	1240
\$038690		4.04	14.05	0.17	1.3	0.049	3.90	11.7	15.1	0.56	1420	9.90	0.21	5.3	20.5	930
S038691		4.57	20.6	0.19	1.3	0.122	4.29	17.9	24.7	1.33	748	2.02	1.78	8.9	48.6	1140
S038692		5.43	17.95	0.18	1.2	0.192	5.33	8.0	25.6	1.69	882	1.40	1.00	7.5	44.8	1310
S038693		4.96	17.65	0.18	1.1	0.142	5.49	13.1	25.1	1.57	757	1.92	1.15	7.4	44.3	1510
S038694		4.43	19.70	0.18	1.2	0.119	5.22	10.0	23.8	1.51	724	1.45	1.54	7.8	44.9	1430
S038695		5.92	18.20	0.18	1.1	0.132	4.60	11.0	26.1	1.65	830	1.33	1.84	7.2	63.1	1440
\$038696		5.20	17.40	0.17	1.2	0.132	5.10	13.6	25.6	1.46	837	1.35	1.55	7.6	43.2	1530
\$038697		4.94	16.80	0.18	1.2	0.090	5.93	14.2	24.9	1.79	915	1.55	1.24	7.5	48.5	1370
\$038698		6.40	18.55	0.16	1.0	0.083	5.48	12.8	25.7	1.77	911	1.12	1.00	7.6	48.8	1400
\$038699		5.12	17.15	0.18	1.0	0.071	5.78	11.9	25.9	1.71	856	1.29	1.04	8.4	47.2	1440
\$038700		0.15	0.40	0.10	<0.1	0.006	0.05	1.5	1.5	2.41	124	0.16	0.05	0.2	1.0	80



To: PRETIVM
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(ALS)									С	ERTIFIC	CATE O	F ANAI	_YSIS	VA201	85901	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$038677		13.5	77.4	<0.002	0.46	3.46	15.3	1	0.9	565	0.39	<0.05	3.52	0.358	0.88	2.6
\$038678		8.5	75.6	<0.002	0.57	2.71	15.6	1	1.0	677	0.41	0.05	3.39	0.353	0.90	2.8
\$038679		7.1	75.4	<0.002	0.75	3.27	15.3	2	1.0	682	0.39	0.06	3.54	0.345	0.81	2.8
\$038680		0.5	1.0	<0.002	0.01	0.10	0.3	1	<0.2	89.0	<0.05	<0.05	0.07	0.007	0.02	0.1
\$038681		5.5	70.0	<0.002	0.76	2.50	12.8	1	1.1	687	0.39	0.09	3.55	0.361	0.81	2.9
\$038682 \$038683 \$038684 \$038685 \$038686		5.2 5.9 6.2 6.4 29.3	67.5 54.0 57.2 74.9 76.2	<0.002 <0.002 <0.002 <0.002 <0.002	0.47 0.35 0.41 0.69 0.49	5.11 3.52 2.96 3.48 3.49	14.2 14.1 13.6 13.7 13.9	1 1 1 1	1.2 1.2 1.2 1.1 0.9	771 699 611 647 572	0.44 0.43 0.41 0.40 0.41	0.05 <0.05 0.05 0.06 <0.05	4.03 3.53 3.55 3.82 3.38	0.382 0.379 0.355 0.351 0.345	0.71 0.68 0.70 0.84 0.83	3.2 2.9 2.7 2.6 2.4
\$038686CD		34.1	75.9	<0.002	0.47	3.60	14.1	2	1.0	538	0.40	0.07	3.72	0.347	0.83	2.2
\$038687		8.5	62.2	<0.002	0.40	4.11	13.5	1	1.1	677	0.41	0.06	3.32	0.356	0.81	2.2
\$038688		6.5	58.7	<0.002	0.44	3.42	15.0	1	1.2	643	0.43	0.07	3.76	0.358	0.63	2.5
\$038689		6.4	89.5	<0.002	0.69	5.22	14.4	2	1.5	763	0.39	0.10	3.68	0.334	0.97	2.0
\$038690		147.5	160.5	<0.007	2.88	20.0	11.1	3	1.6	195.5	0.29	0.37	3.32	0.258	3.39	1.8
\$038691 \$038692 \$038693 \$038694 \$038695		7.5 5.6 5.8 4.6 6.2	118.0 89.6 105.0 84.7 107.5	<0.002 0.002 0.002 0.004 0.002	1.05 1.15 0.97 0.61 1.65	5.49 7.81 6.09 2.89 3.79	13.3 13.2 13.9 13.6 13.6	3 3 1 4	0.9 1.1 1.0 1.0 0.9	442 466 524 466 460	0.53 0.43 0.43 0.45 0.43	0.14 0.17 0.19 0.13 0.17	2.78 1.99 2.55 2.17 2.31	0.314 0.337 0.363 0.355 0.355	1.05 1.27 1.28 1.29 1.10	1.5 1.3 1.4 1.2 1.2
\$038696		5.9	92.3	0.003	1.35	5.39	12.3	3	1.0	440	0.41	0.18	2.44	0.353	1.22	1.3
\$038697		6.5	126.0	0.003	0.73	2.31	15.0	2	0.8	437	0.45	0.16	3.08	0.362	1.32	1.5
\$038698		5.5	79.6	0.004	1.33	3.29	11.8	3	0.7	444	0.43	0.21	2.05	0.345	1.23	1.3
\$038699		6.9	130.5	0.005	0.72	2.12	12.5	2	0.6	420	0.46	0.11	2.60	0.349	1.33	1.3
\$038700		<0.5	1.2	<0.002	<0.01	0.10	0.3	1	<0.2	73.7	<0.05	<0.05	0.09	0.008	0.04	0.2



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(ALS	,								CERTIFICATE OF ANALYSIS VA20185901
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34
	Analyte	V	W	Y	Zn	Zr	Si	Ti	Zr
	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5
\$038677		168	2.7	14.0	65	50.3	22.6	0.5	110
\$038678		168	1.1	15.8	60	50.7	23.4	0.5	110
\$038679		163	1.3	15.4	65	47.4	23.0	0.5	107
\$038680		2	<0.1	2.3	3	1.6	2.8	<0.1	<5
\$038681		169	1.4	15.1	57	48.4	23.4	0.5	108
\$038682		173	0.9	16.9	56	46.6	24.5	0.5	107
\$038683		171	0.8	15.8	67	47.3	23.4	0.5	121
\$038684		170	0.8	15.6	71	47.9	24.0	0.4	109
\$038685		164	1.1	15.6	51	45.2	22.6	0.5	104
\$038686		166	0.9	15.7	105	44.5	23.8	0.5	108
S038686CD		161	1.0	16.1	114	45.9	23.9	0.5	104
S038687		165	0.9	14.9	59	45.7	23.4	0.5	111
S038688		165	0.9	16.3	59	51.7	23.7	0.5	99
S038689		155	1.4	18.3	44	40.6	22.5	0.5	99
S038690		106	5.3	8.5	487	39.7	27.4	0.5	81
\$038691		140	2.5	21.4	51	42.5	25.0	0.4	161
\$038692		156	3.5	15.1	54	35.2	22.8	0.5	98
\$038693		167	3.7	15.4	52	34.7	22.6	0.6	98
\$038694		169	3.3	13.9	45	38.5	22.9	0.5	99
\$038695		170	3.0	13.8	56	35.0	22.1	0.4	99
\$038696		159	4.2	14.7	57	37.8	21.9	0.4	99
\$038697		166	2.6	17.3	55	40.7	23.7	0.5	91
\$038698		155	2.5	13.9	62	34.3	21.8	0.5	98
\$038699		158	1.6	17.3	54	34.0	23.6	0.5	95
\$038700		2	0.1	2.5	4	1.9	3.5	<0.1	7



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CERTIFICATE OF ANALESIS VALOTOSSOI	CERTIFICATE	OF ANALYSIS	VA20185901
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		CERTIFICATE COM	MENTS	
	REEs may not be totally s		TICAL COMMENTS	
Applies to Method:	ME-MS61			
			ATORY ADDRESSES	
Applies to Method:	Au-AA23	ver located at 2103 Dollarton Hwy, No BAG-01	CRU-31	CRU-QC
	LOG-21 PUL-32m SPL-21	LOG-21d PUL-32md SPL-21d	LOG-23 PUL-QC WEI-21	ME-MS61 pXRF-34
	3r L-2 i	31 L-2 Tu	WLI-ZI	



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218

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27-JAN-2021 Account: PREBOW

## VA20185905

Project: Bowser Regional Project

P.O. No.: BOW-1087

This report is for 79 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 26-AUG-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
KEN MCNAUGHTON	STEPHAINE WAFFORN	

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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**CERTIFICATE OF ANALYSIS VA20185905** 

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									CERTIFICATE OF ANALISIS					VA20103303				
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61		
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu		
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm		
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2		
\$038701		5.94	0.019	0.16	7.31	48.7	2230	1.38	0.19	3.35	0.15	18.75	7.8	42	3.43	63.7		
\$038702		5.74	0.723	0.34	7.19	1535	2230	1.17	0.65	5.85	1.38	32.3	7.8	34	3.69	79.6		
\$038703		6.04	0.055	0.27	7.66	67.8	3010	0.81	0.28	3.48	0.09	24.7	11.7	46	1.91	118.5		
\$038704		6.02	0.062	0.34	7.46	45.9	2410	0.84	0.34	4.46	0.13	41.7	10.5	51	1.82	158.0		
\$038705		6.40	0.038	0.32	7.86	101.5	2540	1.03	0.28	2.83	0.14	24.6	8.8	48	2.19	151.0		
\$038706		5.84	0.060	0.41	8.00	106.5	2310	1.08	0.21	2.62	0.18	18.60	7.9	45	2.23	180.0		
\$038706CD		<0.02	0.041	0.39	7.66	103.5	2280	1.06	0.20	2.61	0.16	16.85	7.6	44	2.16	175.5		
\$038707		6.28	0.030	0.43	7.82	228	2560	1.14	0.25	3.03	0.14	19.95	8.2	54	3.13	221		
\$038708		5.84	0.030	0.33	7.51	316	3000	0.73	0.16	3.25	0.28	17.60	8.7	59	1.70	140.0		
\$038709		5.80	0.028	0.57	7.48	547	2610	1.08	0.14	2.98	0.11	15.85	9.2	54	1.98	85.0		
\$038710		0.14	5.76	85.4	6.49	316	410	1.10	1.19	2.09	23.2	25.8	11.8	23	8.25	120.5		
\$038711		6.24	0.023	0.24	7.83	262	3010	1.23	0.15	2.46	0.12	19.15	7.2	65	2.97	98.9		
\$038712		5.84	0.025	0.48	7.51	113.0	3100	0.87	0.24	2.31	0.17	23.7	8.1	35	2.29	212		
\$038713		5.76	0.031	0.48	8.25	57.1	2120	1.39	0.41	2.65	0.18	34.1	13.5	33	4.24	250		
\$038714		6.40	0.037	0.52	7.66	213	2840	1.34	0.20	2.63	0.18	21.0	9.2	40	3.33	227		
\$038715		5.26	0.028	0.45	7.36	364	4520	0.70	0.23	3.15	0.19	39.1	10.5	102	2.34	162.0		
\$038716		6.04	0.012	0.08	7.94	62.0	2660	1.10	0.05	3.86	0.13	19.40	19.6	34	3.44	39.6		
\$038717		6.28	0.033	0.10	8.39	39.3	2110	1.24	0.02	4.98	0.15	26.6	42.4	8	3.77	53.5		
\$038718		5.82	0.018	0.09	7.65	37.9	1860	1.05	0.06	3.80	0.12	15.95	22.2	43	2.80	45.8		
\$038719		6.06	0.034	0.07	7.34	37.5	2330	0.95	0.08	4.39	0.82	18.55	3.3	135	1.40	19.1		
\$038720 \$038721 \$038722 \$038722 \$038723 \$038724		1.08 6.04 5.74 5.78 5.24	0.005 0.032 0.028 0.075 0.023	0.03 0.14 0.33 0.11 0.21	0.30 7.55 7.72 7.46 7.50	0.8 163.5 147.0 156.0 68.1	50 2080 1720 2270 2390	0.10 0.97 1.06 0.96 1.26	0.01 0.09 0.14 0.15 0.16	34.1 3.97 3.60 6.43 4.27	0.02 0.10 0.29 0.10 0.20	1.66 11.70 13.30 19.60 21.8	2.1 7.5 8.1 8.5 5.5	4 65 75 69 111	0.12 1.75 1.77 1.51 1.77	6.5 53.9 142.0 28.0 63.3		
\$038725		6.34	0.049	0.06	7.39	83.5	2180	1.05	0.08	3.70	0.05	15.00	5.9	65	1.44	16.6		
\$038726		6.08	0.035	0.23	7.87	76.7	1330	1.21	0.08	3.47	0.13	21.4	5.2	55	1.79	95.6		
\$038726CD		<0.02	0.035	0.24	7.84	74.0	1360	1.18	0.07	3.46	0.13	20.3	5.3	55	1.81	95.6		
\$038727		5.80	0.015	0.23	8.16	52.7	940	1.18	0.15	2.71	0.17	17.30	7.7	33	2.35	84.5		
\$038728		6.22	0.043	0.30	8.26	32.4	940	1.24	0.15	3.50	0.17	15.45	6.5	51	1.65	130.5		
\$038729		6.56	0.059	0.22	7.49	71.1	2010	1.06	0.18	4.08	0.08	17.90	6.9	101	1.36	75.0		
\$038730		0.12	1.085	28.0	5.94	391	230	1.17	0.95	0.67	1.67	27.2	14.0	19	8.55	108.0		
\$038731		5.44	0.070	0.17	7.10	128.5	2290	0.95	0.17	4.10	0.13	15.75	10.9	101	1.14	25.0		
\$038732		6.96	0.083	0.29	7.71	189.5	2050	1.21	0.20	3.88	6.04	16.50	15.7	101	1.57	25.9		
\$038733		5.70	0.024	0.18	8.03	12.5	1210	1.31	0.11	4.19	0.07	19.40	5.2	44	2.34	50.4		
\$038734		6.72	0.047	0.16	7.90	64.7	1640	1.21	0.14	3.68	0.07	17.95	9.7	62	1.62	34.8		
\$038735		5.90	0.042	0.11	7.68	72.0	1820	1.24	0.17	4.06	0.11	15.55	11.8	53	1.18	18.5		
\$038736		6.16	0.046	0.26	7.78	43.4	1550	1.37	0.15	4.62	2.08	17.15	8.7	54	1.43	29.1		
\$038737		5.62	0.029	0.18	8.53	19.5	1280	1.57	0.13	3.21	0.14	17.30	5.7	67	1.64	56.9		
\$038738		5.66	0.055	0.21	7.81	76.0	1740	1.44	0.19	3.74	0.14	19.00	11.7	93	1.23	46.1		



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(ALS	,								CERTIFICATE OF ANALYSIS VA201859							905		
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61		
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P		
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm		
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10		
\$038701		4.50	20.4	0.10	1.0	0.051	4.88	10.8	32.9	1.69	813	3.59	1.05	11.8	45.2	1460		
\$038702		4.94	18.85	0.11	1.0	0.078	4.83	21.8	31.3	1.65	1050	2.41	0.63	10.2	25.8	1500		
\$038703		5.10	20.5	0.11	1.0	0.081	5.30	15.9	24.0	1.69	838	1.06	1.69	10.6	19.7	1850		
\$038704		6.23	19.10	0.12	0.8	0.098	4.48	30.9	27.3	2.09	1010	0.76	1.52	10.6	24.7	1770		
\$038705		5.00	18.95	0.11	0.9	0.071	4.98	16.3	24.2	1.53	737	0.41	2.09	10.6	26.7	1740		
\$038706 \$038706CD \$038707 \$038708 \$038709		6.00 5.98 6.36 5.46 5.26	21.2 20.9 21.3 19.55 22.5	0.12 0.11 0.12 0.11 0.11	0.9 0.8 0.9 1.0	0.075 0.072 0.092 0.081 0.065	4.58 4.49 4.66 5.17 4.77	11.5 10.4 12.1 10.6 9.4	28.6 26.8 26.6 26.3 28.8	1.90 1.86 1.93 1.83 1.80	886 874 851 850 813	0.48 0.46 0.17 0.19 0.20	2.23 2.20 2.13 1.68 2.05	8.5 8.5 8.6 9.3 9.0	29.4 29.4 25.0 21.8 20.9	1620 1630 1750 1580 1570		
\$038710		4.97	13.35	0.11	1.3	1.335	3.83	13.2	13.7	0.50	1220	9.67	0.24	6.1	17.0	1000		
\$038711		5.71	22.2	0.12	1.0	0.070	5.10	11.9	29.1	1.86	803	0.58	1.72	8.6	21.4	1610		
\$038712		5.84	20.5	0.12	0.9	0.086	5.08	16.1	26.1	1.75	742	0.43	1.39	7.8	25.9	1660		
\$038713		7.22	25.9	0.13	0.7	0.095	4.56	24.5	32.2	2.21	901	0.25	2.02	8.4	22.4	1750		
\$038714		6.41	24.3	0.13	0.9	0.074	5.04	13.6	27.6	1.81	762	0.44	1.60	9.0	26.0	1810		
\$038715		5.05	19.15	0.14	1.3	0.096	4.62	27.0	25.7	1.69	774	1.86	0.50	9.0	32.6	1490		
\$038716		6.45	20.5	0.13	1.3	0.073	4.97	9.9	26.4	2.67	1160	0.75	1.58	8.5	24.5	1700		
\$038717		9.44	19.95	0.13	1.9	0.076	3.45	11.8	30.7	4.22	1700	0.20	1.08	5.6	29.3	1600		
\$038718		6.99	19.85	0.11	1.4	0.068	3.71	7.4	24.2	2.78	1280	0.62	2.24	7.1	33.3	1610		
\$038719		5.01	16.55	0.12	1.0	0.098	4.92	10.5	24.4	2.20	1200	0.92	1.67	7.9	55.8	1420		
\$038720 \$038721 \$038722 \$038722 \$038723 \$038724		0.30 4.93 5.73 4.18 4.33	0.75 15.85 17.55 14.45 17.70	0.06 0.09 0.09 0.10 0.12	0.1 0.9 0.8 1.2 1.2	<0.005 0.100 0.109 0.072 0.088	0.07 4.58 3.97 4.68 4.60	1.5 6.1 7.3 11.2 12.0	1.7 21.5 25.4 21.8 24.8	2.82 1.88 2.00 2.05 1.92	169 977 1060 867 933	0.05 0.50 0.45 1.09 2.45	0.11 2.37 2.50 1.83 2.08	0.2 8.6 8.0 7.4 8.0	1.7 30.5 32.6 46.4 71.5	110 1430 1540 1410 1440		
\$038725		4.10	15.70	0.10	1.2	0.066	4.42	7.8	22.2	1.76	854	1.22	2.45	9.3	37.5	1610		
\$038726		5.51	19.25	0.11	0.9	0.069	3.41	13.2	26.7	2.03	1020	0.42	3.00	8.7	28.7	1670		
\$038726CD		5.54	19.60	0.10	0.9	0.068	3.43	12.3	27.2	2.01	1020	0.47	3.06	8.9	29.4	1690		
\$038727		6.49	22.2	0.10	0.6	0.064	2.93	11.0	28.4	2.28	1080	0.24	3.19	7.3	26.7	1490		
\$038728		6.38	21.3	0.11	0.9	0.109	2.51	8.6	25.4	2.39	1140	0.27	3.56	9.0	34.9	1670		
\$038729		4.57	16.40	0.10	1.1	0.083	3.97	9.5	26.7	1.96	1000	0.93	2.43	8.1	62.1	1470		
\$038730		4.54	12.70	0.11	1.0	0.034	2.75	13.7	10.4	0.37	227	4.67	0.19	5.8	14.3	1310		
\$038731		4.04	14.10	0.11	1.1	0.069	4.21	8.0	24.1	1.83	1060	1.10	2.16	8.0	57.8	1360		
\$038732		4.90	16.50	0.11	1.0	0.079	3.91	8.3	27.7	2.02	1390	0.88	2.42	7.9	54.3	1520		
\$038733		5.69	17.05	0.12	0.7	0.091	2.86	10.4	29.8	2.27	1160	0.56	2.59	8.3	25.4	1650		
\$038734		4.48	15.30	0.15	0.8	0.076	3.17	8.0	27.2	1.91	1020	0.64	2.93	8.0	31.5	1460		
\$038735		3.94	13.75	0.15	0.9	0.073	3.13	7.1	25.1	1.85	1020	0.82	3.02	9.0	33.0	1630		
\$038736		4.24	13.90	0.17	0.9	0.081	2.75	8.3	27.8	1.89	1260	0.64	2.95	8.2	33.4	1610		
\$038737		5.31	18.00	0.18	0.7	0.079	2.63	9.1	29.2	1.98	1010	0.36	3.39	8.1	39.3	1550		
\$038738		4.72	16.15	0.17	0.9	0.090	3.35	9.6	25.6	2.03	1000	0.59	2.81	6.6	43.7	1410		



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20185905** 

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								<u></u>	CERTIFICATE OF ANALTSIS					VA20103303				
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1		
S038701 S038702		5.5 31.4	152.5 185.0	0.009 0.005	0.36 0.96	4.66 29.3	12.8 12.4	1 2	0.4 0.5	316 328	0.66 0.59	0.05 0.11	2.04 2.16	0.326 0.281	1.32 1.31	1.1 1.5		
S038703 S038704		4.9 4.5	121.0 112.0	0.003 0.002	0.84 0.89	3.92 2.76	13.7 15.2	2	0.6 0.7	373 372	0.63 0.55	0.10 0.09	1.50 1.29	0.336 0.340	1.24	1.5 1.2		
S038705		4.1	121.5	<0.002	0.78	3.81	15.7	2	0.6	365	0.57	0.09	1.11	0.360	1.21	1.2		
S038706 S038706CD		4.4 4.3	110.5 97.4	0.002	0.84 0.87	2.23	19.9 19.0	2 2 3	0.5 0.5	370 366	0.49 0.48 0.48	0.07	1.13 1.01	0.359 0.356	1.06 1.03	1.1 1.1		
S038707 S038708 S038709		4.0 5.5 3.6	116.5 107.5 100.0	<0.002 <0.002 <0.002	1.05 0.67 0.49	1.60 2.44 3.20	25.6 20.5 20.0	3 2 1	0.6 0.6 0.5	406 366 358	0.48 0.47 0.46	0.09 0.09 0.19	1.29 1.38 1.10	0.384 0.366 0.357	1.15 1.12 1.13	1.2 1.3 1.3		
S038710 S038711 S038712		9290 7.7 5.2	163.5 103.5 96.0	0.004 0.002 0.002	3.14 0.68 1.08	77.1 2.26 3.15	13.3 18.7 19.2	3 2 2	3.9 0.5 0.5	148.5 376 391	0.35 0.50 0.46	0.28 0.07 0.06	3.50 1.18 1.12	0.265 0.360 0.322	3.18 1.35 1.32	2.0 1.4 1.4		
S038712 S038713 S038714		5.0 3.5	127.0 108.5	<0.002 <0.002	1.21	2.78 2.37	30.1 25.1	3	0.4 0.5	467 404	0.45 0.50	0.12 0.08	0.85 0.92	0.366 0.377	1.30 1.38	1.2		
S038715 S038716		7.0 3.0	97.7 111.0	0.004 0.003	0.91 0.45	6.78 4.26	14.5 18.2	2 1	0.7 0.7	407 645	0.47 0.51	0.11 <0.05	1.87 1.00	0.357 0.600	1.67 1.17	2.1 0.7		
S038717 S038718 S038719		2.6 3.4 16.7	95.9 67.6 117.5	<0.002 0.002 0.004	0.49 0.29 0.11	7.03 5.32 2.64	29.8 19.8 15.5	1 1 1	0.9 0.8 0.7	809 655 382	0.27 0.37 0.43	<0.05 <0.05 <0.05	0.46 0.58 1.67	0.993 0.689 0.325	0.86 0.87 1.11	0.3 0.5 0.9		
S038720 S038721 S038722		3.0 4.2 12.5	2.3 103.5 92.0	<0.002 0.002 0.002	0.04 0.30 0.67	0.18 2.40 3.28	1.8 17.6 22.2	2 1 2	0.2 0.8 0.7	91.7 452 452	<0.05 0.45 0.43	<0.05 0.05 0.07	0.08 1.10 0.89	0.029 0.337 0.337	0.03 1.08 1.04	0.2 0.7 0.7		
S038723 S038724		5.3 8.8	135.0 122.0	0.006 0.005	0.31 0.36	4.31 6.01	14.2 14.1	1 1	0.8 0.9	383 392	0.43 0.44	0.05 <0.05	2.32 1.86	0.326 0.358	1.08 1.15	1.3 1.3		
S038725 S038726 S038726CD S038727		3.3 3.6 3.8 5.8	104.0 86.0 81.9 69.7	0.004 <0.002 <0.002 <0.002	0.16 0.27 0.28 0.56	2.86 1.91 2.03 3.05	12.4 15.4 14.9 20.5	1 1 1 1	0.7 0.5 0.6 0.4	387 499 508 671	0.55 0.50 0.52 0.42	<0.05 <0.05 <0.05 <0.05	1.61 0.98 0.94 0.68	0.332 0.356 0.354 0.346	1.08 0.95 0.99 0.97	1.1 0.9 0.9 0.7		
S038728		4.7	64.3	<0.002	0.55	2.50	24.8	2	0.7	598	0.48	<0.05	0.92	0.393	0.80	0.6		
\$038729 \$038730 \$038731 \$038732 \$038733		6.5 51.3 6.4 36.4 3.7	101.5 128.0 99.6 93.5 98.2	0.004 <0.002 0.004 0.003 <0.002	0.44 4.16 0.18 0.22 0.28	4.03 35.4 2.81 3.15 2.07	16.4 15.0 13.6 15.6 19.3	1 5 1 1	0.9 1.8 0.8 0.7 0.6	405 136.0 378 415 510	0.47 0.32 0.45 0.48 0.48	<0.05 0.30 0.06 0.06 <0.05	1.64 2.44 1.78 1.44 1.28	0.363 0.309 0.338 0.345 0.328	1.13 2.29 1.00 0.97 0.79	0.9 0.9 0.9 0.8 0.6		
\$038734 \$038735 \$038736 \$038737		4.3 4.5 39.5 4.5	85.7 73.5 78.8 81.2	0.002 0.005 0.003 0.002	0.15 0.08 0.18 0.48	2.33 2.82 3.37 1.84	18.4 15.2 15.2 20.6	<1 1 1 1	0.7 0.8 0.7 0.6	434 402 422 579	0.43 0.52 0.48 0.45	<0.05 <0.05 <0.05 0.05 <0.05	1.42 1.67 1.58 1.17	0.339 0.323 0.317 0.363	0.79 0.72 0.65 0.62 0.67	0.6 0.7 0.7 0.6		
S038738		5.5	80.3	0.005	0.27	2.20	17.7	2	8.0	503	0.40	<0.05	1.65	0.364	0.73	0.8		



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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									CERTIFICATE OF ANALYSIS VA20185905
	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	
	Analyte	V	W	Υ	Zn	Zr	Si	Ti	Zr
Sample Description	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm
sample Bescription	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5
S038701		169	2.2	10.4	62	35.3	23.3	0.4	95
5038702		142	2.1	12.5	126	36.8	20.9	0.3	75
5038703		164	1.6	11.7	48	36.0	22.5	0.4	82
S038704		188	1.7	13.1	62	26.3	21.0	0.4	74
S038705		186	2.1	11.8	51	29.9	22.7	0.4	68
S038706		227	1.4	11.7	66	29.0	22.0	0.4	70
S038706CD		225	1.4	10.9	65	27.5	21.8	0.4	72
S038707		254	1.1	14.6	62	28.8	21.6	0.5	67
S038708 S038709		212 215	1.4 1.7	13.7 10.9	71 60	34.3 31.2	21.4 22.0	0.4 0.5	81 75
S038710		127	4.2	10.1	1920	46.8	27.7	0.4	78
S038711		211	1.4	11.2	63	32.8	22.4	0.5	85
S038712		201	1.3	11.6	60	28.3	22.4	0.4	67
S038713		266	0.9	10.3	74	23.1	20.8	0.4	51
S038714		260	1.6	9.5	67	28.8	21.0	0.5	66
S038715		172	2.6	14.8	58	43.8	23.1	0.5	94
S038716		245	1.1	14.6	76	46.9	19.7	0.6	96
S038717		366	0.7	24.3	112	66.1	17.5	0.9	101
S038718		280	0.9	15.0	87	47.8	19.3	0.6	86
S038719		172	1.5	15.2	99	33.0	22.8	0.4	78
S038720		11	0.1	2.9	6	4.1	3.9	0.1	11
S038721		203	1.4	13.1	59	27.6	22.2	0.4	75
S038722		225	1.2	12.6	80	23.1	21.7	0.3	57
S038723		162	1.6	16.6	50	40.3	20.6	0.4	86
S038724		168	1.8	15.1	55	42.6	22.9	0.4	93
S038725		163	1.9	12.4	43	39.6	23.2	0.4	91
S038726		191	0.8	10.2	69	28.3	21.6	0.4	68
S038726CD		192	0.8	9.9	70	28.3	20.8	0.4	68
S038727		218	0.7	6.6	84	19.3	19.4	0.3	59
S038728		264	1.1	12.6	75	23.7	21.0	0.4	66
5038729		188	1.7	15.5	51	34.0	22.1	0.4	88
S038730		141	2.4	9.0	195	32.6	31.6	0.4	76
S038731		159	1.7	15.7	54	36.5	23.9	0.4	98
S038732		175	1.7	13.1 12.8	465	29.3	22.2	0.4	81
S038733		188	1.0		67	23.6	20.0	0.3	68
S038734		188	1.2	14.0	59	29.3	22.7	0.4	76
S038735		165	1.1	14.8	52	32.7	23.3	0.4	83
S038736		165	1.2	15.2	239	31.8	22.8	0.3	81
S038737		204	0.9	12.5	65 57	22.7	21.6	0.3	68
S038738		200	1.2	14.0	57	31.5	22.4	0.4	82



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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**CERTIFICATE OF ANALYSIS VA20185905** 

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Account: PREBOW

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$038739		5.74	0.041	0.15	7.75	68.3	2460	1.45	0.21	3.74	0.08	24.6	10.9	120	1.31	41.4
\$038740		0.90	0.005	<0.01	0.20	1.2	40	0.08	0.01	33.5	<0.02	1.14	0.8	2	0.06	2.1
\$038741		5.36	0.023	0.37	7.43	53.3	2270	1.30	0.17	4.31	0.13	24.6	8.9	124	1.14	78.6
\$038742		5.74	0.017	0.18	8.00	60.5	2220	1.68	0.16	4.23	0.10	23.0	9.8	107	1.34	48.7
\$038743		6.46	0.018	0.33	7.94	32.6	1750	1.51	0.29	6.42	0.12	22.8	7.3	83	1.61	118.5
\$038744		4.52	0.014	0.19	7.99	64.5	1910	1.60	0.14	4.55	0.09	28.0	11.2	123	1.41	55.8
\$038745		6.76	0.021	0.20	7.83	37.5	1920	1.62	0.21	4.24	0.13	24.4	8.9	129	1.42	63.3
\$038746		6.12	0.021	0.23	7.84	38.8	1820	1.72	0.17	4.28	0.14	27.4	10.9	143	1.52	86.6
\$038746CD \$038747 \$038748		<0.02 5.28 6.46	0.016 0.009 0.011	0.25 0.13 0.17	7.81 8.07 7.63	38.1 52.4 20.9	1820 2060 1970	1.67 1.80	0.17 0.19 0.15	4.37 3.96 3.67	0.14 0.16 0.14	27.2 29.2 24.5	10.8 14.2 8.3	138 136 116	1.50 2.23 2.02	97.5 45.2 63.3
\$038749		6.16	0.063	0.24	7.57	146.0	2100	1.78	0.21	3.45	0.33	27.9	26.8	116	2.29	98.9
\$038750		0.14	0.986	12.80	6.39	300	950	1.19	0.16	3.77	4.78	26.0	11.0	27	7.04	86.4
\$038751		6.04	0.059	0.32	7.95	54.8	2440	1.71	0.22	4.34	0.15	28.9	14.8	130	2.15	89.8
\$038752		6.14	0.016	0.26	8.13	40.6	2160	1.74	0.23	4.03	0.18	24.7	12.3	107	2.15	85.8
\$038753		5.16	0.019	0.27	8.04	78.4	2050	1.68	0.28	4.01	0.34	25.1	18.6	109	2.19	89.3
\$038754		6.22	0.036	0.26	8.18	56.0	1920	1.59	0.20	4.34	0.22	27.6	17.0	122	1.68	94.9
\$038755		6.62	0.020	0.22	8.23	28.2	1790	1.62	0.21	3.72	0.31	22.5	13.1	112	1.94	90.6
\$038756		6.08	0.039	0.29	8.45	93.0	1690	1.44	0.26	4.16	0.16	25.9	21.0	120	2.20	110.0
\$038757		5.70	0.095	0.27	8.44	223	1820	1.56	0.38	4.14	0.16	29.7	38.9	136	1.68	94.9
\$038758		6.60	0.143	0.26	7.99	153.5	1750	1.75	0.24	4.07	0.13	26.0	27.0	104	2.17	83.1
\$038759		6.32	0.020	0.26	8.10	9.3	1550	1.59	0.20	4.27	0.16	25.6	9.4	110	1.43	99.8
\$038760		0.62	0.007	0.01	0.11	0.9	20	0.07	0.01	33.1	<0.02	0.93	0.7	2	<0.05	2.4
\$038761		6.04	0.081	0.16	8.04	55.1	1490	1.52	0.28	4.44	0.36	29.1	18.8	186	1.93	37.7
\$038762		6.80	0.019	0.11	8.02	26.0	1400	1.67	0.12	3.86	0.15	22.8	10.3	107	2.18	33.2
\$038763		6.16	0.006	0.10	8.05	42.3	1450	1.62	0.14	3.90	0.14	24.6	12.9	124	1.62	30.6
\$038764		5.36	0.079	0.26	8.01	206	1510	1.57	0.24	3.72	0.26	27.9	31.6	107	1.38	91.5
\$038765		6.64	0.008	0.20	8.02	40.6	1540	1.91	0.13	3.89	0.16	26.4	11.3	111	2.25	68.4
\$038766		4.12	0.012	0.40	7.75	96.3	1610	1.43	0.18	4.20	0.26	30.3	16.5	171	1.62	159.5
\$038766CD		<0.02	0.013	0.44	7.89	108.0	1630	1.46	0.18	4.41	0.24	29.5	18.3	180	1.63	171.5
\$038767		5.84	0.024	0.30	7.61	135.5	2030	1.61	0.29	4.36	0.15	26.4	22.2	166	3.07	96.0
\$038768		6.18	0.008	0.21	7.66	106.0	2040	2.04	0.21	3.77	0.09	24.0	17.6	152	2.23	78.5
\$038769		5.86	0.022	0.43	6.59	60.9	1310	1.90	0.46	10.50	0.26	31.3	16.1	133	1.35	183.0
\$038770		0.14	5.98	80.5	6.18	284	570	1.19	1.16	2.00	20.3	24.5	10.6	23	7.33	117.0
\$038771		5.76	0.024	0.49	7.71	62.8	1890	1.62	0.48	4.82	0.25	43.7	17.9	165	1.64	189.0
\$038772		6.66	0.014	0.17	7.98	80.5	1890	1.96	0.26	4.27	0.12	28.6	15.0	145	2.08	56.3
\$038773		4.62	0.006	0.09	7.55	29.2	1410	2.05	0.10	4.15	0.15	38.8	8.3	98	2.33	31.9
\$038774		6.18	0.024	0.13	7.24	83.0	1850	1.72	0.25	4.24	0.20	28.7	12.1	139	2.25	43.9
\$038775		3.88	0.052	0.28	7.51	85.5	1700	1.67	0.34	4.28	0.16	29.0	17.4	137	1.76	114.0



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

Page: 3 - B Total # Pages: 3 (A - D) Plus Appendix Pages Finalized Date: 10-SEP-2020 Account: PREBOW

(ALS)	,				CERTIFICATE OF ANALYSIS									VA20185905					
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61			
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P			
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm			
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10			
\$038739		4.15	15.75	0.20	1.2	0.078	4.83	13.6	20.4	1.98	897	1.64	2.21	7.1	77.5	1410			
\$038740		0.20	0.50	0.11	<0.1	<0.005	0.06	1.2	1.5	2.50	167	0.06	0.07	0.2	1.3	90			
\$038741		4.44	15.35	0.17	1.1	0.086	4.56	13.4	28.3	2.02	989	1.92	1.95	7.1	67.2	1520			
\$038742		4.38	16.75	0.17	1.1	0.079	4.54	12.3	20.9	2.13	965	1.36	2.37	7.6	55.1	1600			
\$038743		4.55	16.60	0.18	1.1	0.089	3.58	12.9	22.9	2.08	851	1.15	2.52	7.4	71.7	1530			
S038745 S038746 S038746CD S038747		4.37 4.75 4.69 4.52	15.80 16.35 16.50 17.95	0.18 0.18 0.20 0.22	1.2 1.2 1.2 1.1	0.082 0.101 0.102 0.080 0.062	3.86 3.65 3.66 4.38	13.2 15.5 15.5 15.9	23.2 23.6 24.1 23.3 23.9	1.94 2.20 2.19 2.02	953 1020 1030 959 899	1.60 2.01 1.97 1.62	2.48 2.44 2.44 1.88	6.8 7.1 7.1 8.0 7.5	85.2 96.8 96.5 77.4	1380 1430 1460 1490			
\$038749 \$038750 \$038751 \$038752 \$038753		4.47 4.11 5.18 4.23	18.45 13.35 17.30 16.60	0.20 0.20 0.20 0.21	1.3 1.1 1.2 1.2	0.075 0.052 0.088 0.070	4.35 4.05 4.57 4.53	15.9 13.7 16.5 13.3	27.5 13.7 28.2 29.7	1.86 0.58 2.26 1.84	878 1420 1040 864	1.12 9.98 1.42 1.64	1.88 0.22 1.45 2.10	7.8 4.9 7.1 7.2	69.7 20.2 86.3 64.1	1400 940 1450 1530			
S038754 S038755 S038756 S038757		4.29 4.40 4.74 5.11 4.99	16.40 17.80 16.95 16.80	0.19 0.21 0.21 0.19 0.21	1.1 1.2 1.1 1.1 1.1	0.067 0.069 0.063 0.080 0.077	4.09 3.89 3.92 3.88	12.5 15.1 12.1 14.9 17.3	27.9 24.8 25.4 26.5	2.01 1.99 2.18 2.26	970 917 990 1000	1.03 1.76 1.52 1.12 1.55	2.30 2.42 2.17 2.40	7.8 7.7 7.3 7.4	59.6 54.4 56.7 77.8 97.0	1510 1510 1510 1460 1480			
\$038758		5.00	17.85	0.19	1.1	0.070	3.99	13.9	28.3	2.14	988	1.26	2.00	7.6	77.2	1450			
\$038759		4.91	16.85	0.20	1.6	0.076	3.40	13.9	24.4	2.11	968	1.48	2.43	7.4	80.8	1490			
\$038760		0.15	0.34	0.14	<0.1	<0.005	0.03	1.0	1.4	2.37	131	0.10	0.05	0.2	1.3	80			
\$038761		4.76	16.45	0.17	1.2	0.083	3.44	15.5	26.1	2.30	1090	1.07	2.15	7.3	64.2	1400			
\$038762		4.81	17.90	0.16	0.9	0.058	3.41	11.2	27.0	2.10	979	1.08	2.05	6.9	72.7	1370			
\$038763		4.43	17.65	0.18	1.0	0.068	3.34	12.2	25.2	2.11	941	1.31	2.53	7.6	63.0	1250			
\$038764		4.73	16.05	0.20	1.1	0.077	3.68	13.9	19.9	2.05	893	1.32	2.63	7.3	72.3	1440			
\$038765		4.65	18.20	0.17	1.1	0.058	3.65	13.1	27.5	2.12	887	1.48	2.11	7.9	56.8	1310			
\$038766		4.51	16.05	0.19	1.1	0.072	3.41	16.4	34.8	1.93	910	1.33	2.35	7.8	74.2	1370			
\$038766CD		4.66	15.90	0.19	1.1	0.065	3.40	16.6	34.8	1.99	940	1.28	2.40	7.8	77.2	1390			
\$038767		4.57	15.20	0.14	1.2	0.079	4.41	15.0	38.1	1.96	928	1.76	1.25	7.0	79.4	1430			
\$038768		4.22	16.70	0.13	1.2	0.078	4.26	13.2	35.2	1.89	855	1.54	1.87	7.7	68.5	1460			
\$038769		5.31	15.05	0.11	1.2	0.096	3.26	19.6	29.4	1.85	1340	1.61	1.15	6.3	89.2	1190			
\$038770		4.78	12.15	0.13	1.1	1.335	3.70	12.8	13.9	0.47	1180	9.70	0.23	5.3	14.3	940			
\$038771		5.47	17.00	0.16	1.5	0.111	4.26	27.4	28.2	2.24	1020	2.09	1.70	7.8	95.5	1480			
\$038772		4.00	16.75	0.17	1.4	0.082	4.32	15.1	24.1	1.97	864	1.66	2.21	7.5	68.4	1420			
\$038773		3.98	17.85	0.16	1.6	0.065	3.18	20.9	27.9	2.03	794	1.39	1.78	9.7	39.1	1030			
\$038774		3.86	16.80	0.18	1.3	0.067	4.34	15.4	26.1	1.86	815	1.62	1.48	7.2	78.5	1340			
\$038775		4.19	15.70	0.15	1.1	0.068	4.15	16.0	21.5	1.69	777	2.16	1.90	6.9	102.5	1420			



To: PRETIVM
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(ALS)									CERTIFICATE OF ANALYSIS VA201					85905		
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$038739 \$038740 \$038741 \$038742 \$038743 \$038744 \$038745		4.3 <0.5 4.7 3.5 6.0 3.8 5.2	124.5 2.0 102.0 113.0 107.5 101.0 100.5	0.004 <0.002 0.005 0.006 0.004 0.003 0.006	0.20 0.01 0.21 0.19 0.79 0.24 0.43	2.50 0.08 49.2 24.1 7.09 2.30 2.94	15.9 0.5 15.3 15.7 16.3 18.0 16.0	1 1 1 1 3 1 2	0.8 <0.2 0.8 0.7 0.6	435 87.8 420 492 594 532 483	0.42 <0.05 0.40 0.42 0.46 0.41	0.07 <0.05 <0.05 0.06 0.07 0.06 0.08	2.71 0.07 2.14 2.30 2.28 2.41 2.53	0.378 0.011 0.380 0.373 0.340 0.379 0.376	1.05 0.03 0.90 0.89 0.90	1.2 0.2 1.2 1.1 1.0
S038746 S038746CD S038747 S038748		3.8 3.7 3.1 3.8	99.5 99.7 133.5 103.0	0.006 0.004 0.008	0.41 0.40 0.26 0.35	16.90 19.15 3.31 3.34	17.8 17.7 17.4 16.2	2 2 1	0.9 0.9 0.8	490 491 579 575	0.41 0.41 0.45	0.05 0.08 0.05 <0.05	2.87 2.57 2.67 2.39	0.384 0.382 0.397	0.74 0.72 0.93 0.88	1.3 1.3 1.2
\$038749		4.1	122.0	0.005	0.46	5.48	17.4	2	0.7	539	0.46	0.08	2.59	0.394	0.99	1.2
\$038750		151.5	179.0	0.009	2.91	19.10	13.0	3	1.4	201	0.28	0.31	3.15	0.266	3.13	1.7
\$038751		4.1	135.5	0.007	0.45	3.46	15.9	2	0.8	530	0.43	0.11	2.46	0.368	0.94	1.1
\$038752		5.1	127.5	0.005	0.40	9.25	15.4	2	0.9	532	0.42	0.06	2.64	0.390	0.96	1.2
\$038753		4.6	121.5	0.005	0.45	3.61	16.5	2	0.8	515	0.45	0.08	2.40	0.376	0.95	1.0
\$038754		3.4	112.5	0.006	0.43	2.48	17.6	2	0.8	512	0.43	0.07	2.52	0.395	0.84	1.1
\$038755		3.7	112.0	0.005	0.53	1.62	16.7	2	0.8	544	0.46	0.05	2.41	0.397	0.87	1.0
\$038756		4.4	131.0	0.004	0.68	2.90	18.2	3	0.7	544	0.45	0.09	2.39	0.385	0.92	1.0
\$038757		4.3	118.5	0.005	0.41	2.23	17.9	2	0.7	530	0.42	0.25	2.62	0.380	0.82	1.1
\$038758		3.5	122.5	0.003	0.51	2.70	16.6	2	0.7	501	0.42	0.14	2.46	0.390	0.99	1.1
\$038759		3.7	106.0	0.006	0.45	2.02	17.6	2	0.8	510	0.43	0.08	2.87	0.383	0.79	1.4
\$038760		0.5	0.7	<0.002	<0.01	0.10	0.2	1	<0.2	84.3	<0.05	<0.05	0.06	0.007	<0.02	0.1
\$038761		4.0	118.5	0.003	0.24	1.89	19.7	1	0.8	514	0.41	0.10	2.43	0.402	0.79	1.1
\$038762		2.2	103.0	0.004	0.26	2.29	15.4	1	0.6	568	0.42	<0.05	1.97	0.382	0.83	0.8
S038763 S038764 S038765 S038766 S038766CD		2.9 4.2 4.2 6.2 6.3	99.2 109.0 108.0 105.5 102.5	0.003 0.003 0.005 0.005 0.004	0.13 0.66 0.36 0.48 0.51	1.75 2.77 4.24 32.8 33.5	16.4 14.8 15.8 17.2 17.6	1 2 2 2 2	0.7 0.7 0.7 1.1 1.1	533 497 519 390 402	0.44 0.44 0.46 0.44 0.44	0.09 0.20 0.07 0.11 0.09	2.18 2.43 2.35 2.61 2.53	0.367 0.371 0.378 0.410 0.422	0.79 0.79 0.85 0.73	0.8 0.9 0.9 1.1 1.1
\$038767		5.2	145.5	0.004	0.56	15.70	17.5	2	0.9	361	0.40	0.15	2.23	0.391	0.94	1.2
\$038768		3.6	117.5	0.005	0.41	4.00	17.8	1	1.0	422	0.45	0.10	2.09	0.407	0.96	1.3
\$038769		7.5	95.1	0.006	1.68	7.11	13.4	4	0.8	387	0.36	0.11	2.32	0.307	0.82	1.5
\$038770		8770	146.0	0.004	3.03	75.4	12.2	3	3.7	142.5	0.33	0.32	3.23	0.257	2.97	1.9
\$038771		9.6	123.0	0.007	1.08	2.59	16.6	3	1.0	502	0.42	0.12	3.04	0.377	0.82	1.9
\$038772		5.6	113.5	0.007	0.45	3.70	15.5	2	1.0	498	0.44	0.12	2.84	0.394	0.83	1.3
\$038773		3.4	105.0	0.007	0.13	3.13	14.9	1	0.6	592	0.54	0.06	3.06	0.307	0.69	1.2
\$038774		4.2	117.0	0.008	0.26	3.12	15.3	1	0.9	505	0.41	0.15	2.39	0.353	0.88	1.2
\$038775		5.8	101.0	0.010	0.67	2.74	15.0	2	0.9	493	0.38	0.11	2.36	0.378	0.74	1.2



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20185905** 

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										ERTHIC/(IE OF /(II//(ETSIS - V/(20105505	
	Method Analyte	ME-MS61 V	ME-MS61 W	ME-MS61 Y	ME-MS61 Zn	ME-MS61 Zr	pXRF-34 Si	pXRF-34 Ti	pXRF-34 Zr		
Sample Description	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
Sumple Bescription	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5		
S038739		170	1.4	18.1	44	43.9	25.0	0.5	98		
S038740		4	<0.1	2.2	4	1.7	4.0	0.1	9		
S038741		175	2.1	17.2	52	43.5	22.7	0.5	101		
S038742		176	1.4	15.7	46	41.0	24.9	0.4	101		
S038743		162	1.2	15.4	45	35.1	21.7	0.4	92		
S038744		183	1.8	19.5	52	42.9	22.8	0.4	93		
S038745		167	2.0	18.5	50	44.7	23.5	0.4	111		
S038746		182	1.9	18.3	54	43.4	23.4	0.4	108		
S038746CD		184	1.9	18.1	54	46.3	22.6	0.4	100		
S038747		186	1.9	18.6	57	40.4	23.8	0.5	101		
S038748		181	1.8	17.8	63	45.7	23.8	0.4	114		
S038749		172	1.9	15.7	70	36.0	23.9	0.5	114		
S038750		107	4.6	10.1	487	44.9	28.6	0.4	88		
S038751		175	2.0	16.4	60	38.7	22.3	0.5	110		
S038752		182	2.0	18.1	54	46.6	22.7	0.4	100		
S038753		178	1.5	17.9	71	40.0	23.6	0.4	95		
S038754		189	1.5	20.3	66	42.4	23.2	0.4	93		
S038755		190	1.3	17.8	74	41.8	25.0	0.4	102		
S038756		177	1.3	18.0	62	35.4	22.9	0.4	106		
S038757		172	1.1	18.5	67	46.0	23.3	0.4	103		
S038758		180	1.2	18.8	60	38.8	24.2	0.4	99		
S038759		176	1.1	20.1	65	42.0	24.6	0.4	110		
S038760		2	<0.1	2.2	3	1.6	5.8	0.1	7		
S038761		185	1.5	21.2	86	42.7	24.0	0.4	102		
S038762		165	1.2	13.7	68	33.8	24.0	0.4	117		
S038763		157	1.1	18.5	67	36.0	24.1	0.4	119		
S038764		165	1.3	20.3	69	38.2	24.9	0.4	117		
S038765		160	1.4	20.5	64	37.9	25.2	0.4	135		
S038766		196	2.0	21.9	62	47.6	24.0	0.4	111		
S038766CD		207	2.1	21.2	63	42.6	22.8	0.4	115		
S038767		207	2.1	17.1	56	40.5	23.7	0.4	97		
S038768		217	2.2	16.1	47	40.8	24.4	0.5	99		
S038769		157	1.3	17.1	59	42.3	18.8	0.3	80		
S038770		122	3.7	9.4	1840	42.0	30.1	0.4	75		
S038771		193	1.7	20.6	65	56.9	23.7	0.4	105		
S038772		183	1.7	22.2	49	49.6	25.0	0.4	122		
S038773		137	1.2	29.7	54	56.0	25.5	0.4	173		
S038774		174	1.6	21.8	57	51.4	25.5	0.4	109		
S038775		178	1.8	17.0	48	39.6	24.7	0.4	102		



To: PRETIVM
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CERTIFICATE	OF ANALYSIS	VA20185905
CENTIFICATE	OF AINALLOID	VAZUIOJJUJ

			CERTIFICATE OF ANA	E1313 VA20183303
		CERTIFICATE COM	IMENTS	
		ANALY	TICAL COMMENTS	
Applies to Method:	REEs may not be totally so ME-MS61			
		LABOR	ATORY ADDRESSES	
		er located at 2103 Dollarton Hwy, No		
Applies to Method:	Au-AA23	BAG-01	CRU-31	CRU-QC
	LOG-21 PUL-32m	LOG-21d PUL-32md	LOG-23 PUL-QC	ME-MS61 pXRF-34
	SPL-21	SPL-21d	WEI-21	βλ <b>ι</b> -34



ALS Canada Ltd. 2103 Dollarton Hwy North Vancouver BC V7H 0A7

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To: **PRETIVM SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET VANCOUVER BC V7X 1L4** 

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27-JAN-2021 **Account: PREBOW** 

## VA20190310

Project: Bowser Regional Project

P.O. No.: BOW-1088

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 31-AUG-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
KEN MCNAUGHTON	STEPHAINE WAFFORN	

SAMPLE PREPARATION										
ALS CODE	DESCRIPTION									
WEI-21	Received Sample Weight									
PUL-32md	Pulverize 500g-DUP -85%<75um									
LOG-21	Sample logging - ClientBarCode									
CRU-31	Fine crushing - 70% <2mm									
CRU-QC	Crushing QC Test									
PUL-QC	Pulverizing QC Test									
SPL-21	Split sample - riffle splitter									
PUL-32m	Pulverize 500g - 85%<75um									
BAG-01	Bulk Master for Storage									
LOG-23	Pulp Login - Rcvd with Barcode									
LOG-21d	Sample logging - ClientBarCode Dup									
SPL-21d	Split sample - duplicate									

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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(ALS)	-(L'3)								CERTIFICATE OF ANALYSIS					VA20190310			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	
\$038801		3.50	0.189	0.36	8.77	19.9	5840	1.50	0.09	2.65	0.26	29.7	12.0	10	1.94	111.5	
\$038802		3.12	0.064	0.35	8.86	28.9	3770	1.66	0.18	1.57	0.54	34.5	10.4	8	2.53	48.9	
\$038803		2.32	0.072	0.42	8.99	30.7	4210	1.53	0.18	2.24	0.21	25.7	13.6	11	2.52	132.0	
\$038804		4.12	0.088	0.31	8.50	24.1	3640	1.63	0.21	3.06	0.18	24.3	10.9	8	2.93	51.6	
\$038805		4.74	0.072	0.33	8.50	30.4	3980	1.54	0.15	3.55	0.16	21.0	9.3	9	2.05	65.0	
S038806		6.06	0.088	0.37	8.35	27.4	4130	1.63	0.14	4.00	0.17	23.9	9.3	8	1.65	77.5	
S038806CD		<0.02	0.100	0.37	7.94	27.3	4050	1.56	0.14	3.93	0.19	20.9	9.3	8	1.56	76.6	
S038807		5.72	0.061	0.22	7.94	13.6	3670	1.28	0.12	4.04	0.16	18.90	4.0	9	2.03	13.8	
S038808		6.02	0.155	0.39	7.49	17.6	3840	1.45	0.16	3.72	0.08	19.20	5.1	10	2.32	13.8	
S038809		5.44	0.163	0.43	7.30	21.0	3590	1.54	0.17	3.91	0.35	18.45	4.6	8	2.97	12.1	
S038810 S038811 S038812 S038813 S038814		0.16 5.20 6.28 5.52 5.96	1.045 0.158 0.112 0.137 0.170	12.55 0.63 0.46 0.26 0.29	6.42 8.17 8.15 8.26 8.33	329 18.4 18.1 22.6 31.3	450 3050 3250 2630 3310	1.07 1.45 1.50 1.44 1.44	0.16 0.27 0.32 0.43 0.22	3.83 3.38 4.04 3.81 4.12	4.67 0.28 0.09 0.12 0.12	25.6 17.90 21.4 35.7 29.5	11.4 7.1 6.9 9.1 10.9	26 9 8 9	7.12 2.46 2.42 1.86 2.40	83.8 7.3 27.6 17.3 49.0	
\$038815		5.72	0.063	0.14	8.24	26.7	5180	1.58	0.12	3.62	0.22	27.7	8.0	10	1.76	36.1	
\$038816		5.80	0.105	0.42	8.19	51.2	5120	1.53	0.19	3.15	0.22	23.5	13.2	9	1.60	99.2	
\$038817		3.82	0.646	0.54	8.91	58.1	3230	1.51	0.27	2.28	0.20	28.5	16.0	10	1.79	158.5	
\$038818		5.28	0.094	0.18	7.99	18.6	4110	1.58	0.14	4.04	0.09	24.3	7.3	10	1.91	38.7	
\$038819		5.10	0.071	0.14	8.03	22.5	3550	1.51	0.17	4.14	0.14	25.3	11.3	11	1.57	25.0	
\$038820		0.70	<0.005	0.01	0.10	0.2	30	0.07	0.01	35.1	<0.02	1.14	0.7	3	<0.05	1.8	
\$038821		4.06	0.054	0.17	8.56	22.1	3990	1.49	0.11	3.43	0.12	28.4	9.5	11	1.23	23.1	
\$038822		7.80	0.066	0.22	8.43	24.8	3910	1.49	0.17	4.01	0.12	28.8	10.6	10	1.36	31.6	
\$038823		5.88	0.072	0.35	7.99	27.3	4770	1.48	0.21	5.09	0.18	28.3	12.3	8	4.39	74.9	
\$038824		4.84	0.115	0.98	8.26	65.8	1960	1.96	0.13	4.19	0.79	22.9	12.5	8	9.82	53.2	
\$038825		3.32	0.068	0.75	8.03	59.5	3290	1.65	0.11	3.54	0.65	19.90	9.4	8	4.83	38.1	
\$038826		4.16	0.026	0.39	8.57	33.4	3560	1.44	0.10	3.34	0.13	25.8	11.8	9	3.27	73.8	
\$038826CD		<0.02	0.029	0.42	8.40	35.1	3520	1.44	0.11	3.32	0.14	24.5	11.7	9	3.18	69.9	
\$038827		4.30	0.017	0.28	8.57	21.4	4100	1.39	0.09	2.64	0.16	21.2	13.6	11	1.85	91.6	
\$038828		6.90	0.037	0.30	8.55	30.4	4540	1.51	0.13	2.62	0.20	33.1	16.0	9	1.87	87.1	
\$038829		5.46	0.043	0.55	8.78	37.1	2040	1.55	0.19	2.32	0.17	21.9	20.6	10	2.35	174.5	
\$038830		0.16	5.24	81.8	6.24	299	320	1.05	1.17	2.03	23.6	26.4	11.6	25	8.01	116.5	
\$038831		3.46	0.062	2.32	8.55	41.3	2460	1.64	0.28	2.62	0.42	27.0	19.6	10	3.50	206	
\$038832		3.52	0.031	0.50	9.02	42.4	3410	1.49	0.16	2.20	0.20	29.3	21.2	11	2.95	174.0	
\$038833		4.44	0.100	0.55	7.84	37.3	2130	1.38	0.23	3.13	0.16	25.0	16.6	20	2.37	100.0	
\$038834 \$038835 \$038836 \$038837 \$038838		3.86 5.50 4.10 6.48 6.16	0.053 0.066 0.051 0.065 0.029	0.68 0.67 0.57 0.49 0.28	9.00 8.03 8.62 7.99 8.45	240 55.2 95.1 42.6 32.4	880 3000 3870 1690 3030	1.46 1.22 1.60 1.49 1.48	0.30 0.35 0.22 0.27 0.19	2.43 1.99 2.64 3.70 3.63	0.16 0.27 0.17 0.13 0.14	22.9 21.0 27.2 24.1 24.1	23.4 16.9 15.2 17.0 19.7	12 9 8 9	3.05 2.66 2.53 2.98 2.99	181.5 142.5 99.6 89.8 97.1	



To: PRETIVM
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(ALS)	(LS)							CERTIFICATE OF ANALYSIS					YSIS	VA20190310			
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	
\$038801 \$038802 \$038803 \$038804 \$038805		3.91 3.83 3.84 3.31 2.89	21.3 21.7 21.6 22.0 22.0	0.18 0.18 0.20 0.21 0.21	1.4 1.3 1.3 1.4	0.231 0.232 0.241 0.189 0.149	3.94 3.77 4.27 4.04 4.21	15.6 18.5 13.2 13.1 10.9	12.1 13.1 13.8 12.6 17.7	1.19 1.10 1.17 1.09 1.47	987 837 830 815 836	0.65 0.61 0.54 0.51 0.83	3.30 3.22 2.94 3.07 3.38	8.6 8.6 8.3 8.3	4.3 3.9 3.9 3.5 3.1	1410 1460 1460 1390 1460	
\$038806		2.99	22.5	0.22	1.3	0.192	4.07	13.0	18.4	1.47	877	0.46	3.37	8.7	3.1	1420	
\$038806CD		2.96	22.2	0.21	1.3	0.190	4.06	11.1	17.9	1.40	862	0.38	3.31	8.4	3.1	1370	
\$038807		2.71	21.3	0.22	1.2	0.188	3.71	10.4	15.6	1.23	886	0.41	3.59	7.9	2.4	1370	
\$038808		3.04	20.0	0.18	1.1	0.236	3.56	10.1	14.7	1.18	869	2.66	2.99	7.6	2.7	1320	
\$038809		2.62	21.1	0.20	1.2	0.204	4.00	9.8	11.7	0.96	889	5.07	2.75	7.9	2.1	1310	
\$038810		4.09	14.45	0.18	1.2	0.048	4.12	13.0	12.4	0.57	1410	10.55	0.22	5.5	21.3	950	
\$038811		2.83	19.70	0.19	1.3	0.127	3.69	8.8	8.6	0.84	750	1.96	3.42	8.6	5.2	1470	
\$038812		2.94	21.8	0.21	1.3	0.172	3.66	11.0	12.1	1.28	796	1.79	3.35	8.1	7.5	1380	
\$038813		4.11	22.7	0.21	1.3	0.281	3.72	20.2	13.1	1.17	969	1.00	3.37	8.2	3.5	1370	
\$038814		3.49	23.7	0.20	1.3	0.220	3.98	15.8	14.2	1.08	964	1.08	3.32	8.3	4.8	1380	
\$038815		3.25	22.2	0.19	1.4	0.200	3.97	14.4	20.3	1.21	982	0.83	3.41	8.6	3.1	1430	
\$038816		3.68	22.1	0.18	1.3	0.195	4.05	11.1	18.6	1.23	892	0.42	3.22	8.4	3.9	1400	
\$038817		3.80	23.2	0.21	1.4	0.228	3.20	14.7	17.1	1.12	708	0.87	3.86	8.4	4.3	1420	
\$038818		3.38	21.2	0.21	1.4	0.186	3.82	11.7	18.3	1.11	952	0.74	3.17	8.5	2.4	1400	
\$038819		4.90	21.7	0.18	1.5	0.130	3.11	12.4	17.3	1.25	1120	0.41	2.96	8.5	3.5	1370	
\$038820 \$038821 \$038822 \$038822 \$038823 \$038824		0.13 4.62 4.55 3.79 4.59	0.33 21.7 21.4 20.9 21.4	0.13 0.19 0.18 0.19 0.19	<0.1 1.5 1.4 1.5 1.4	<0.005 0.165 0.132 0.162 0.128	0.02 3.48 3.30 4.72 4.07	1.3 14.1 14.5 14.4 12.6	1.0 16.7 16.0 16.2 20.4	1.87 1.28 1.20 1.06 1.15	124 1070 1060 1170 1360	0.10 0.43 0.38 0.86 0.97	0.04 2.99 3.03 2.18 0.46	0.2 8.7 8.4 8.6 7.8	0.9 3.4 3.3 3.6 3.0	80 1400 1450 1400 1310	
\$038825		4.75	21.4	0.18	1.5	0.130	4.26	9.5	19.3	1.10	1400	0.56	1.67	8.6	3.2	1400	
\$038826		4.71	20.4	0.19	1.5	0.128	3.69	13.2	19.3	1.06	1160	0.44	2.80	8.5	3.3	1400	
\$038826CD		4.75	20.2	0.19	1.5	0.125	3.62	12.2	19.3	1.06	1160	0.40	2.75	8.4	3.3	1380	
\$038827		3.56	19.45	0.19	1.5	0.076	3.62	10.3	16.8	1.10	773	1.38	3.38	8.4	2.8	1410	
\$038828		4.25	21.4	0.19	1.4	0.125	3.68	17.7	15.3	1.19	891	0.47	3.10	8.5	3.3	1400	
\$038829 \$038830 \$038831 \$038832 \$038833		4.42 4.80 4.38 4.80 4.28	21.3 14.10 21.2 21.2 21.5	0.19 0.17 0.19 0.20 0.18	1.4 1.3 1.4 1.5	0.110 1.415 0.115 0.102 0.130	3.51 3.72 4.13 4.01 3.04	10.9 13.6 13.7 14.6 11.6	18.7 12.7 18.0 21.5 25.1	1.27 0.48 1.10 1.28 1.51	725 1180 761 887 925	1.00 10.30 0.67 0.75 2.19	3.37 0.24 2.72 2.97 3.01	8.6 6.0 8.4 8.7 8.5	3.7 16.5 3.4 3.7 4.7	1400 980 1390 1440 1260	
\$038834		4.09	20.6	0.20	1.5	0.078	4.33	10.9	16.4	1.04	693	2.65	2.72	8.6	3.4	1450	
\$038835		3.66	17.65	0.10	1.3	0.094	4.04	10.1	13.2	0.89	681	2.32	2.32	7.8	4.1	1310	
\$038836		3.93	20.5	0.11	1.4	0.138	4.31	13.7	15.2	1.18	826	0.62	2.72	8.4	3.5	1410	
\$038837		3.88	19.90	0.10	1.4	0.097	3.72	11.0	17.3	1.13	748	0.97	2.65	8.1	3.7	1360	
\$038838		4.02	20.6	0.10	1.5	0.082	3.67	10.9	17.7	1.05	706	1.18	2.98	8.5	3.5	1460	



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20190310** 

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			CERTIFICATE OF ANALYSIS		_ 1 313	VA20190310										
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$038801 \$038802 \$038803		9.5 8.9 5.9 7.6	80.8 85.7 94.6 82.2	<0.002 <0.002 <0.002 <0.002	0.48 0.41 0.85 0.93	5.16 4.27 3.56 3.59	18.1 18.0 17.7 17.2	1 1 1 2	1.7 1.2 1.0 0.9	657 386 486 535	0.45 0.45 0.45 0.43	0.15 0.21 0.22 0.25	4.74 4.82 4.63 3.97	0.365 0.371 0.362 0.350	0.69 0.73 0.81 0.74	2.7 2.5 3.0
S038804 S038805		12.3	74.1	<0.002	0.59	3.09	17.1	1	0.8	608	0.44	0.21	3.93	0.366	0.69	2.3 2.7
S038806 S038806CD S038807 S038808 S038809		12.6 12.5 11.2 6.2 9.4	74.3 63.3 58.2 62.7 75.0	<0.002 <0.002 <0.002 <0.002 0.002	0.84 0.83 0.43 0.64 0.78	4.20 4.15 3.65 3.26 3.49	18.3 17.0 16.3 15.6 15.6	1 2 1 1	1.0 0.9 1.1 1.0 0.9	582 573 607 573 520	0.45 0.44 0.42 0.41 0.41	0.28 0.24 0.15 0.38 0.41	4.28 3.77 3.59 3.43 3.15	0.358 0.348 0.342 0.331 0.328	0.67 0.69 0.63 0.69 0.85	2.6 2.5 2.2 1.9 2.0
\$038810 \$038811 \$038812 \$038813 \$038814		146.0 16.7 7.9 9.1 5.6	180.0 75.4 70.0 63.4 71.7	0.010 <0.002 <0.002 <0.002 <0.002	2.92 1.14 1.22 1.45 1.16	20.2 3.26 3.31 6.21 3.76	12.0 17.1 16.5 17.0 16.7	3 3 2 2 2	1.6 1.0 1.0 1.4 1.1	198.5 495 635 614 640	0.32 0.44 0.43 0.44 0.42	0.33 0.57 1.47 0.55 0.62	3.15 3.90 3.98 3.87 3.80	0.257 0.361 0.350 0.353 0.354	3.23 0.70 0.67 0.66 0.75	1.7 2.3 2.6 2.0 2.5
\$038815 \$038816 \$038817 \$038818 \$038819		7.2 11.8 7.1 5.0 7.4	66.7 68.2 67.2 65.7 51.2	<0.002 <0.002 <0.002 <0.002 <0.002	0.52 0.81 1.17 0.61 0.67	3.27 4.20 3.49 4.23 7.83	17.3 17.5 18.1 16.7 17.1	1 1 2 1 1	1.0 0.9 1.1 1.1 1.5	663 654 577 549 791	0.45 0.43 0.45 0.45 0.45	0.17 0.40 0.53 0.17 0.14	3.81 3.87 4.69 3.83 3.83	0.370 0.362 0.362 0.366 0.359	0.71 0.72 0.57 0.71 0.58	2.3 2.7 3.4 2.7 2.6
\$038820 \$038821 \$038822 \$038823 \$038824		<0.5 5.5 7.0 14.1 28.9	0.5 60.1 59.7 98.2 147.5	<0.002 <0.002 <0.002 <0.002 0.002	0.01 0.40 0.60 0.91 1.45	0.11 7.99 6.84 4.71 6.58	0.2 17.8 17.8 17.7 16.8	1 1 1 1	<0.2 1.8 1.6 1.8 1.7	79.8 879 867 488 99.1	<0.05 0.46 0.44 0.45 0.40	<0.05 0.13 0.20 0.24 0.71	0.09 4.34 4.21 3.93 4.32	0.007 0.370 0.367 0.372 0.339	<0.02 0.64 0.58 1.10 1.26	0.1 2.4 2.5 2.4 2.4
\$038825 \$038826 \$038826CD \$038827 \$038828		20.6 10.0 10.2 6.3 7.4	96.7 85.6 80.8 70.5 72.0	<0.002 <0.002 <0.002 <0.002 <0.002	0.81 0.72 0.74 0.70 0.89	5.41 4.29 4.30 3.34 5.06	16.8 17.9 17.5 17.4 17.4	1 1 1 2 1	1.3 1.4 1.4 0.9 1.1	309 406 409 528 665	0.46 0.44 0.43 0.44 0.44	0.47 0.21 0.24 0.14 0.24	3.66 4.33 4.08 4.14 4.27	0.367 0.363 0.360 0.358 0.359	1.12 0.90 0.82 0.74 0.72	2.1 2.4 2.3 2.6 2.3
\$038829 \$038830 \$038831 \$038832 \$038833		8.5 8810 14.2 7.5 11.5	80.9 163.5 95.9 89.3 61.6	<0.002 0.004 <0.002 <0.002 <0.002	1.63 3.02 1.57 1.37 1.39	2.59 76.9 2.92 2.93 2.40	18.2 12.8 18.1 18.4 17.7	2 3 2 3 2	0.9 4.1 0.9 1.2 1.4	582 145.5 448 527 422	0.46 0.36 0.45 0.45 0.46	0.34 0.26 0.91 0.27 0.36	4.40 3.78 4.12 4.44 3.54	0.364 0.250 0.364 0.374 0.360	0.69 3.33 0.89 0.83 0.61	3.0 2.1 2.5 2.6 4.0
\$038834 \$038835 \$038836 \$038837 \$038838		9.5 12.8 9.1 8.3 6.7	107.0 93.4 100.0 79.8 79.8	<0.002 <0.002 <0.002 <0.002 <0.002	1.94 1.45 1.27 1.71 1.50	2.93 3.34 3.26 2.64 3.28	17.9 16.5 18.0 16.8 17.8	3 2 1 1 2	2.0 1.8 1.3 1.3	342 377 471 503 604	0.46 0.40 0.43 0.42 0.44	0.41 0.37 0.35 0.45 0.23	4.24 3.86 4.06 3.52 3.93	0.371 0.346 0.367 0.365 0.382	0.95 0.88 0.92 0.78 0.79	3.0 2.7 2.5 2.7 2.8



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Page: 2 - D Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 13-SEP-2020 Account: PREBOW

									CERTIFICATE OF ANALYSIS VA20190310
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
S038801		169	0.8	20.8	66	40.4	25.1	0.6	
S038802		180	1.4	17.6	94	40.6	25.4	0.5	
S038803		170	1.2	16.9	57	39.2	24.1	0.5	105
S038804		176	1.6	16.2	49	39.7	23.4	0.6	
S038805		178	0.9	16.2	47	40.6	24.1	0.5	
S038806		176	8.0	16.6	43	39.6	24.4	0.5	
S038806CD		172	8.0	15.5	43	38.9	24.0	0.5	
S038807		168	0.9	14.1	51	34.9	22.3	0.5	103
S038808		166	1.1	14.3	44	31.6	22.9	0.5	
S038809		172	1.3	12.7	53	32.7	23.7	0.5	109
S038810		109	5.4	9.5	485	40.8	25.4	0.3	79
S038811		168	1.7	12.6	50	37.7	23.8	0.5	
5038812		176	1.3	14.8	42	36.8	21.7	0.5	
S038813		176	1.2	18.7	52	35.5	24.0	0.5	
S038814		178	1.3	17.0	47	36.9	23.2	0.5	
S038815		180	1.3	18.2	54	38.5	23.9	0.6	101
S038816		173	1.2	18.6	52	37.3	24.0	0.5	112
S038817		179	1.2	20.1	45	40.0	24.1	0.5	117
S038818		175	1.8	17.6	51	40.3	23.4	0.5	101
S038819		175	1.2	18.5	64	45.0	23.8	0.5	104
S038820		2	0.1	2.4	4	1.6	4.1	<0.1	6
S038821		173	1.2	19.8	60	39.6	24.5	0.5	113
S038822		177	1.3	19.5	62	37.9	23.9	0.5	113
S038823		176	2.9	18.5	67	44.4	21.9	0.5	94
S038824		163	4.1	12.5	126	41.1	22.5	0.4	90
S038825		176	3.1	13.5	150	44.0	22.3	0.5	93
S038826		176	3.7	16.9	67	44.5	22.1	0.5	
S038826CD		174	3.5	16.5	66	43.0	23.4	0.5	
S038827		177	1.3	17.9	47	42.7	24.4	0.5	
S038828		176	1.1	18.8	58	39.6	24.4	0.6	
S038829		174	1.1	19.1	49	41.1	23.2	0.5	
S038830		123	4.4	9.9	1860	45.3	24.2	0.3	
S038831		179	2.1	17.3	63	40.9	23.8	0.5	
S038832		179	1.2	20.5	57	45.2	24.6	0.5	
S038833		193	1.1	26.7	60	79.6	24.3	0.5	149
S038834		176	2.0	19.4	53	45.2	24.6	0.5	
S038835		154	2.0	15.2	56	38.7	24.6	0.5	
S038836		174	1.5	19.0	58	42.4	24.3	0.5	
S038837		173	1.1	18.1	45	45.5	24.0	0.5	101
S038838		178	1.9	18.5	40	46.5	24.2	0.5	109



To: PRETIVM
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(ALS	AC3)							CERTIFICATE OF ANALYSIS					VA20190310			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61									
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$038839 \$038840 \$038841 \$038842 \$038843		6.12 0.64 6.00 5.62 6.14	0.087 <0.005 0.108 0.074 0.068	0.56 0.01 0.92 0.19 0.21	7.53 0.11 7.47 7.94 8.12	54.1 0.4 35.5 33.6 36.5	1250 30 1550 2160 3160	1.29 0.07 1.38 1.31 1.34	0.33 0.01 0.42 0.60 0.41	4.70 30.3 3.60 3.29 3.29	0.08 0.02 0.08 0.15 0.17	27.6 1.23 21.5 21.7 22.5	17.3 0.8 12.6 10.3 9.4	8 3 8 8	3.41 0.05 3.01 3.77 3.15	68.1 1.6 41.7 21.0 30.4
S038844		6.00	0.070	0.22	8.10	39.2	2950	1.32	0.50	3.64	0.10	22.8	10.2	8	3.05	39.0
S038845		5.36	0.055	0.21	8.21	39.1	2930	1.39	0.35	3.42	0.10	22.9	10.7	10	2.72	50.7
S038846		5.22	0.106	0.33	8.29	60.0	1960	1.40	0.98	2.39	0.40	23.7	15.5	8	3.34	57.7
S038846CD		<0.02	0.109	0.35	8.50	63.1	1980	1.39	0.98	2.47	0.36	26.2	16.2	8	3.52	60.6
S038847		4.26	0.122	0.95	9.02	78.2	2970	1.55	1.13	1.76	0.55	26.9	21.0	10	3.58	77.6
S038848 S038849 S038850 S038851 S038852		5.74 6.24 0.12 5.58 6.00	0.252 0.186 1.135 0.065 0.049	2.95 2.34 27.0 0.58 0.22	8.45 8.44 5.77 8.63 8.44	82.4 68.0 371 33.7 37.7	420 510 310 3100 3380	1.52 1.58 1.19 1.35 1.39	2.42 1.87 0.91 0.62 0.50	2.35 3.40 0.64 2.86 3.27	0.46 0.17 1.76 0.21 0.16	22.4 20.9 27.0 26.9 23.0	22.3 17.6 13.4 11.7 12.4	14 14 19 10	4.42 4.16 8.24 2.31 1.60	32.9 24.5 106.5 37.9 64.6
\$038853 \$038854 \$038855 \$038856 \$038857		6.54 4.96 6.56 5.94 6.54	0.062 0.069 0.040 0.017 0.007	0.41 0.29 0.36 0.24 0.15	7.95 8.20 8.53 8.51 8.04	40.0 52.9 56.6 93.1 62.9	3350 3600 2770 3180 3640	1.35 1.27 1.60 1.34 1.33	0.99 0.78 0.44 0.25 0.13	3.86 2.62 4.32 3.35 3.41	0.17 0.32 0.25 0.15 0.18	28.5 28.4 29.0 27.3 21.4	13.1 11.4 12.7 14.7 8.8	10 10 9 9	2.21 1.22 2.58 1.59 1.93	54.0 62.3 89.8 96.8 53.7
\$038858		6.06	0.081	0.53	7.95	69.6	1480	1.37	0.28	4.29	0.15	23.1	10.0	9	3.82	75.1
\$038859		6.32	0.177	1.65	7.45	102.0	500	1.40	0.25	5.13	0.59	21.4	10.6	7	5.46	45.1
\$038860		0.92	<0.005	0.01	0.12	1.3	20	0.07	0.01	31.5	<0.02	1.08	0.7	2	0.08	1.2
\$038861		5.62	0.034	0.26	7.71	19.6	1050	1.15	0.27	3.76	0.25	25.0	14.0	10	1.03	99.1
\$038862		6.18	0.060	0.45	8.01	34.8	3010	1.26	0.23	3.20	0.10	25.3	11.6	10	1.29	45.8
\$038863		6.84	0.268	0.21	8.23	49.8	3650	1.49	0.24	3.75	0.12	26.6	12.2	11	1.48	54.6
\$038864		6.74	0.035	0.24	8.12	47.2	3500	1.43	0.29	3.71	0.25	29.4	10.5	9	1.13	49.9
\$038865		5.50	0.028	0.34	8.17	35.2	3100	1.30	0.33	3.09	0.52	28.5	13.7	10	0.95	54.0
\$038866		7.30	0.018	0.19	8.26	60.8	3480	1.36	0.28	3.61	0.17	25.9	12.9	8	1.19	59.1
\$038866CD		<0.02	0.019	0.17	8.21	59.7	3510	1.38	0.27	3.69	0.18	24.4	12.7	9	1.19	57.7
\$038867		5.34	0.018	0.17	8.01	35.0	3680	1.42	0.39	3.85	0.20	25.1	12.2	8	2.27	59.7
\$038868		6.06	0.052	0.27	8.23	46.0	3430	1.40	0.58	3.63	0.23	26.2	13.8	9	1.33	81.5
\$038869		5.92	0.031	0.14	8.21	22.1	2660	1.28	0.24	4.03	0.27	28.7	11.4	8	0.69	37.9
\$038870		0.12	0.996	12.15	6.19	321	400	1.15	0.18	3.68	4.44	23.0	11.0	27	6.98	82.5
\$038871		5.80	0.047	0.09	8.62	20.6	3280	1.47	0.17	4.18	0.23	29.3	9.7	9	0.93	34.9
\$038872 \$038873 \$038874 \$038875 \$038876		6.58 5.74 5.60 5.60 6.16	0.014 0.014 0.022 0.025 0.019	0.09 0.12 0.15 0.14 0.12	8.65 8.63 8.35 8.54 8.50	13.5 23.8 54.7 23.5 21.5	2880 3420 3570 3770 3060	1.54 1.57 1.49 1.57 1.40	0.16 0.24 0.23 0.28 0.24	4.37 4.16 4.41 3.98 4.30	0.20 0.14 0.25 0.16 0.16	29.9 27.9 25.8 27.2 26.7	11.6 11.6 10.2 10.7 9.9	10 10 9 9	0.82 0.91 0.98 1.37 1.04	30.9 33.8 63.7 43.6 27.6



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20190310** 

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								<u> </u>								
Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
	LOD	0.01	0.03	0.03	0.1	0.003	0.01	0.5	0.2	0.01	3	0.03	0.01	0.1	0.2	10
S038839		4.49	18.70	0.09	1.3	0.104	3.28	13.5	18.6	1.10	963	0.54	2.17	7.4	3.2	1240
S038840		0.17	0.40	0.07	0.2	< 0.005	0.03	1.4	1.6	4.61	162	0.17	0.05	0.2	0.8	90
S038841		3.88	18.75	0.08	1.4	0.078	3.25	9.9	17.0	1.08	759	0.53	2.11	7.7	3.1	1320
S038842		3.39	19.60	0.08	1.4	0.065	3.00	10.4	15.9	1.09	720	0.44	2.20	7.6	2.8	1300
S038843		3.39	19.60	0.09	1.5	0.099	3.36	10.6	14.6	1.15	806	0.50	2.52	7.8	3.2	1360
S038844		3.36	20.1	0.11	1.4	0.117	3.16	10.5	16.2	1.12	711	0.79	2.85	7.9	3.0	1380
S038845		3.24	19.75	0.09	1.5	0.095	2.91	9.7	14.8	1.09	670	0.79	3.29	8.1	3.1	1360
S038846		3.66	19.75	0.09	1.4	0.064	2.98	10.4	14.4	1.08	587	1.00	2.74	8.0	3.3	1380
S038846CD		3.71	20.9	0.09	1.5	0.068	3.08	11.6	15.0	1.10	591	0.81	2.74	8.3	3.4	1390
S038847		4.73	21.7	0.10	1.5	0.090	3.62	12.7	16.2	1.24	739	1.24	2.62	8.6	5.1	1460
S038848		5.08	20.4	0.09	1.4	0.065	3.76	10.7	13.7	1.03	793	2.09	0.84	7.7	6.6	1380
S038849		4.86	20.9	0.09	1.5	0.057	3.82	9.6	15.0	1.11	999	1.73	0.93	7.7	5.3	1430
S038850		4.43	13.00	0.07	0.9	0.031	2.69	13.0	9.2	0.36	222	4.70	0.19	5.6	13.9	1270
S038851		4.42	20.6	0.08	1.5	0.104	3.07	14.0	20.6	1.25	1020	0.71	2.73	8.0	3.3	1390
S038852		4.23	19.55	0.07	1.5	0.093	3.03	11.0	15.3	1.23	863	0.84	3.38	8.0	3.2	1390
S038853		4.50	20.0	0.08	1.4	0.103	3.55	14.2	15.2	1.21	1040	0.52	2.50	8.0	3.3	1350
S038854		4.48	19.90	0.09	1.4	0.112	3.18	14.8	15.5	1.26	917	0.67	2.93	7.8	3.2	1360
S038855		4.51	20.8	0.10	1.5	0.104	3.49	14.6	19.0	1.24	943	1.29	2.66	8.7	3.4	1440
S038856		4.82	21.1	0.10	1.4	0.092	3.14	13.3	19.2	1.21	790	5.78	2.84	8.3	3.4	1400
S038857		3.54	19.65	0.09	1.5	0.089	3.31	10.1	17.4	1.13	706	3.26	2.98	7.9	2.7	1350
S038858		3.84	19.10	0.10	1.4	0.103	3.60	10.9	17.6	1.00	888	2.47	2.00	7.6	2.7	1310
S038859		4.77	19.60	0.08	1.4	0.101	3.30	9.5	17.2	0.83	1110	0.88	2.00	8.0	3.2	1350
S038860		0.13	0.38	0.05	0.1	< 0.005	0.03	1.2	1.3	2.75	136	0.13	0.05	0.2	0.6	60
S038861		4.79	18.45	0.06	1.1	0.054	2.39	12.5	9.7	0.97	785	1.08	2.81	7.1	3.6	1250
S038862		4.24	18.45	0.08	1.3	0.079	2.92	12.2	18.3	1.08	897	0.97	2.86	8.2	3.3	1370
S038863		4.55	20.1	0.09	1.4	0.102	3.20	12.9	15.3	1.12	956	1.06	2.72	8.4	4.0	1370
S038864		4.23	20.6	0.08	1.4	0.106	2.80	15.1	17.0	1.10	993	0.78	2.74	8.0	3.2	1340
S038865		4.52	19.40	0.09	1.3	0.085	2.67	13.7	18.9	1.11	984	0.89	3.14	8.2	3.5	1370
S038866		4.22	20.9	0.09	1.4	0.078	2.82	12.0	20.5	1.13	1040	0.73	3.13	8.5	3.2	1410
S038866CD		4.29	20.6	0.08	1.4	0.083	2.86	11.3	20.6	1.14	1060	0.83	3.13	8.3	3.2	1390
S038867		4.00	19.55	0.10	1.4	0.072	3.15	11.6	20.7	1.09	962	1.05	2.56	7.9	3.3	1340
S038868		4.53	20.0	0.10	1.4	0.100	2.98	12.6	16.9	1.15	1010	0.76	3.01	8.1	3.4	1340
S038869		5.09	19.25	0.10	1.2	0.105	2.36	14.8	14.0	1.20	1140	0.91	2.87	7.8	5.0	1320
S038870		4.04	13.80	0.09	1.1	0.046	3.95	11.0	13.5	0.56	1420	10.40	0.22	5.2	21.2	940
S038871		4.62	20.1	0.10	1.4	0.089	2.88	15.0	12.4	1.19	1170	0.66	3.30	8.1	3.7	1400
S038872		4.90	21.4	0.10	1.5	0.077	2.49	15.1	11.7	1.20	1080	0.74	3.33	8.7	3.6	1450
S038873		4.90	20.7	0.10	1.4	0.093	2.64	13.7	17.8	1.18	1100	0.78	3.13	8.5	3.4	1420
S038874		4.58	20.2	0.10	1.3	0.114	2.85	12.5	21.3	1.20	1320	0.64	3.02	8.4	3.6	1440
S038875		4.77	20.2	0.10	1.5	0.110	3.11	13.3	16.8	1.20	1300	0.73	2.96	8.2	3.7	1410
S038876		4.50	20.4	0.11	1.4	0.106	2.73	13.0	14.5	1.16	1150	0.56	3.17	8.1	3.2	1400



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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	YSIS	VA201	90310	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$038839 \$038840 \$038841 \$038842 \$038843 \$038844		6.4 0.8 8.1 7.2 6.7	77.4 0.8 71.8 78.5 76.5	<0.002 <0.002 <0.002 <0.002 <0.002	2.07 <0.01 1.84 1.45 1.22	3.36 0.12 4.06 3.03 3.79	16.3 0.3 15.6 16.5 16.5	2 1 1 1 1	1.1 <0.2 1.0 0.7 0.8	434 63.3 412 350 468	0.39 <0.05 0.39 0.40 0.40	0.61 <0.05 0.71 0.64 0.53	3.72 0.10 3.30 3.97 3.70	0.336 0.008 0.350 0.342 0.356	0.77 <0.02 0.74 0.79 0.79	2.2 0.1 2.3 2.2 2.1
\$038845 \$038846 \$038846CD \$038847		7.0 8.8 9.1 11.3	65.7 77.0 85.2 104.0	<0.002 <0.002 <0.002 <0.002	1.23 1.85 1.83 1.71	2.84 3.32 3.40 3.69 5.05	17.2 16.9 17.9 19.0	1 2 3 3	1.1 1.0 1.1 1.2	560 375 384 446	0.42 0.42 0.43 0.44	0.52 1.23 1.27 0.87	3.90 3.82 4.21 4.57	0.359 0.362 0.360 0.381	0.68 0.80 0.84 0.86	2.4 2.3 2.4 2.8
S038849		13.6	117.5	0.002	3.56	4.24	16.9	4	1.2	145.0	0.38	1.73	3.66	0.347	1.28	2.4
S038850		50.2	122.5	<0.002	4.13	34.6	13.9	5	1.8	131.0	0.29	0.28	2.49	0.300	2.23	0.9
S038851		6.9	76.4	<0.002	0.93	4.52	17.6	1	1.2	550	0.41	0.43	4.22	0.361	0.75	2.2
S038852		6.5	60.6	<0.002	1.30	2.92	17.1	2	1.2	606	0.41	0.23	3.92	0.369	0.69	2.4
\$038853		8.2	69.3	<0.002	1.37	2.57	16.9	2	1.4	632	0.41	0.56	3.73	0.355	0.79	2.2
\$038854		7.5	65.0	<0.002	0.96	4.81	16.6	1	1.3	656	0.40	0.47	4.08	0.360	0.64	2.3
\$038855		13.5	79.3	<0.002	1.69	3.24	18.7	2	1.5	543	0.44	0.55	4.10	0.382	0.86	2.6
\$038856		7.7	65.8	<0.002	1.45	3.53	17.8	2	1.7	659	0.42	0.15	4.22	0.374	0.71	2.8
\$038857		7.6	67.2	<0.002	0.75	2.24	17.1	1	1.6	580	0.41	0.11	3.92	0.352	0.76	2.7
\$038858		17.6	93.6	<0.002	1.73	2.66	16.2	2	1.7	418	0.40	0.75	3.67	0.352	1.01	2.4
\$038859		56.9	86.0	<0.002	3.73	3.88	16.2	2	1.5	301	0.42	2.48	3.42	0.362	1.25	2.2
\$038860		0.7	1.2	<0.002	0.01	0.08	0.3	1	<0.2	76.9	<0.05	<0.05	0.10	0.007	0.02	0.2
\$038861		10.7	47.5	<0.002	2.13	7.38	15.2	3	1.5	848	0.38	0.30	3.70	0.335	0.54	2.4
\$038862		9.7	57.8	<0.002	1.39	4.29	17.1	2	1.7	658	0.43	0.45	3.99	0.365	0.71	2.4
S038863		10.8	68.6	<0.002	1.29	4.05	17.7	1	1.5	713	0.41	0.15	4.09	0.368	0.76	2.7
S038864		11.5	59.7	<0.002	0.98	4.38	17.4	1	1.7	691	0.41	0.28	4.35	0.357	0.62	2.5
S038865		12.4	52.7	<0.002	1.19	4.13	17.2	1	1.6	670	0.43	0.36	4.03	0.366	0.60	2.4
S038866		10.1	54.2	<0.002	0.94	4.93	17.9	1	1.6	664	0.43	0.16	4.09	0.372	0.64	2.6
S038866CD		9.4	51.1	<0.002	0.96	4.82	17.5	2	1.6	677	0.43	0.15	3.76	0.377	0.65	2.5
\$038867		11.0	73.9	<0.002	1.04	2.89	16.9	2	1.7	588	0.42	0.21	4.06	0.351	0.74	2.6
\$038868		11.1	60.4	<0.002	1.20	4.67	17.0	2	1.6	670	0.40	0.28	3.93	0.365	0.65	2.4
\$038869		8.4	42.6	<0.002	0.83	6.16	16.8	1	1.3	829	0.42	0.11	4.25	0.353	0.49	2.5
\$038870		152.0	163.0	<0.010	2.94	19.05	11.4	2	1.5	190.5	0.30	0.33	3.04	0.262	3.29	1.7
\$038871		6.5	51.0	<0.002	0.56	5.24	17.3	1	1.3	751	0.42	0.09	4.21	0.369	0.56	2.7
\$038872 \$038873 \$038874 \$038875 \$038876		6.9 9.5 7.7 8.9 7.5	41.9 46.8 49.7 58.9 49.5	<0.002 <0.002 <0.002 <0.002 <0.002	0.72 0.97 0.70 0.59 0.44	6.98 5.39 4.92 4.93 4.57	18.6 17.7 17.4 17.5 17.2	1 1 1 1	1.4 1.5 1.5 1.5 1.5	954 746 793 794 734	0.47 0.45 0.45 0.43 0.44	0.07 0.10 0.17 0.12 0.09	4.59 4.38 3.97 4.17 4.21	0.385 0.386 0.382 0.374 0.373	0.52 0.58 0.62 0.70 0.55	2.9 2.8 2.3 2.7 2.7



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20190310** 

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										ERTIFICATE OF AUARETSIS VALOTSOSTO
	Method Analyte	ME-MS61 V	ME-MS61 W	ME-MS61 Y	ME-MS61 Zn	ME-MS61 Zr	pXRF-34 Si	pXRF-34 Ti	pXRF-34 Zr	
Sample Description	Units LOD	ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	% 0.5	% 0.1	ppm 5	
S038839		157	1.6	19.1	47	40.6	21.0	0.4	95	
S038840		2	0.1	2.8	5	1.9	5.9	<0.1	8	
S038841		163	1.7	15.8	47	43.0	22.9	0.4	106	
S038842		165	1.7	16.3	48	45.2	24.1	0.5	111	
S038843		172	1.7	16.8	46	45.3	24.0	0.5	118	
S038844		171	2.1	17.3	38	43.9	24.1	0.5	107	
S038845		170	1.4	19.8	39	46.3	23.7	0.5	108	
S038846		170	1.8	17.7	45	44.5	25.2	0.4	108	
S038846CD		172	1.7	19.1	45	46.0	23.0	0.5	104	
S038847		185	2.5	18.8	75	47.4	25.3	0.5	111	
S038848		168	4.3	11.2	67	44.4	24.5	0.5	89	
S038849		174	4.1	10.5	49	47.4	23.5	0.5	96	
S038850		136	2.2	8.3	202	32.9	31.8	0.4	76	
S038851		174	2.4	16.4	66	46.7	23.5	0.4	97	
S038852		173	1.7	18.1	48	47.9	23.0	0.5	106	
S038853		168	1.5	18.2	59	45.3	21.2	0.5	97	
S038854		170	1.5	18.7	68	43.7	22.9	0.5	100	
S038855		178	2.1	18.5	58	47.9	22.4	0.5	97	
S038856		173	1.2	18.9	47	45.0	24.1	0.5	114	
S038857		173	1.1	17.9	42	45.6	23.5	0.5	100	
S038858		162	1.8	17.2	45	43.3	23.7	0.5	98	
S038859		167	2.9	14.9	82	42.0	22.3	0.4	96	
S038860		2	<0.1	2.3	3	3.9	4.2	0.1	9	
S038861		156	1.2	16.6	49	33.1	24.3	0.4	104	
S038862		162	1.5	18.1	52	37.7	23.0	0.5	106	
S038863		169	1.4	19.2	50	44.9	23.3	0.5	103	
S038864		165	1.4	18.7	55	41.4	24.1	0.5	100	
S038865		166	1.3	19.2	73	41.2	24.7	0.5	111	
S038866		174	1.4	18.9	57	44.6	23.0	0.5	102	
S038866CD		178	1.3	18.1	59	42.9	23.7	0.5	103	
S038867		166	1.6	18.1	53	44.6	23.9	0.5	105	
S038868		170	1.4	18.0	60	43.4	23.8	0.5	103	
S038869		163	1.2	18.3	74	34.7	23.1	0.5	104	
S038870		107	4.7	8.6	487	38.9	25.5	0.4	85	
S038871		173	1.2	18.8	67	41.6	24.2	0.5	115	
S038872		180	1.2	19.8	66	41.3	23.9	0.4	113	
S038873		177	1.3	19.0	65	40.4	22.6	0.5	107	
S038874		179	1.5	18.4	77	38.4	23.6	0.5	100	
S038875		177	1.2	18.8	70	42.1	23.8	0.5	108	
S038876		178	1.3	18.3	64	40.3	23.3	0.5	109	



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(ALS)									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	90310	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$038877		6.70	0.047	0.43	7.88	23.7	3390	1.45	0.39	4.43	1.21	24.5	11.1	8	1.15	36.7
\$038878		4.36	0.382	6.81	7.78	81.2	1330	1.36	1.24	4.45	9.83	21.9	11.1	8	2.99	51.1
\$038879		5.72	0.040	0.61	8.32	34.3	3060	1.35	0.22	3.59	0.87	25.1	9.7	8	2.42	37.7
\$038880		0.48	<0.005	0.01	0.09	0.3	30	0.06	0.02	33.9	0.02	1.12	0.7	2	0.05	2.5
\$038881		6.12	0.187	2.67	7.18	148.0	1500	1.33	0.43	5.01	8.78	19.55	9.6	7	3.30	37.2
\$038882		6.84	0.117	0.70	7.42	64.1	1940	1.29	0.22	4.85	0.33	19.70	10.1	7	4.11	31.2
\$038883		6.00	0.126	0.64	7.25	65.2	1700	1.08	0.22	4.66	0.30	21.5	12.5	7	4.62	40.0
\$038884		5.04	0.067	0.57	7.54	47.5	2380	1.47	0.19	4.41	1.79	18.50	9.8	7	4.96	25.0
\$038885		5.54	0.035	0.33	8.03	35.9	3170	1.30	0.20	3.95	1.12	22.3	11.4	8	3.30	68.1
\$038886		4.30	0.104	0.70	8.05	29.9	3210	1.39	0.22	3.88	2.70	23.9	8.7	9	3.44	37.6
\$038886CD		<0.02	0.108	0.90	7.73	33.1	3260	1.48	0.27	3.91	2.98	22.7	9.5	7	3.61	40.1
\$038887		4.88	0.923	4.02	8.11	64.4	2420	1.34	0.82	4.24	10.90	26.1	9.4	9	3.08	50.0
\$038888		7.04	0.097	0.75	7.60	55.8	1850	1.36	0.37	4.29	7.91	22.2	12.8	8	4.23	89.6
\$038889		6.20	0.037	0.37	8.15	40.1	3390	1.47	0.21	4.30	1.81	24.0	12.7	8	3.91	57.4
\$038889		0.12	5.34	84.8	6.58	298	1000	1.13	1.25	2.04	23.8	27.9	11.7	23	8.47	121.5
\$038891 \$038892 \$038893 \$038894 \$038895		5.68 6.02 7.12 5.76 6.04	0.022 0.185 0.205 1.575 0.040	0.36 2.99 1.39 4.77 0.46	8.02 7.87 7.41 7.25 8.22	27.2 57.4 102.5 141.5 45.7	3440 1880 490 300 2980	1.42 1.48 1.53 1.46 1.46	0.15 0.34 0.54 1.64 0.18	4.06 4.28 4.86 4.75 4.22	0.82 5.22 2.23 9.07 1.00	22.2 24.2 19.60 18.20 25.2	10.7 11.0 11.5 12.5 13.9	9 8 7 9	3.00 4.44 5.50 4.87 3.36	63.8 60.1 53.8 71.6 49.6
\$038896 \$038897 \$038898 \$038899 \$038900		5.46 5.30 5.62 4.92 0.78	0.026 0.058 0.064 0.042 <0.005	0.31 0.45 0.74 0.50 0.03	7.62 8.02 7.79 8.18 0.09	29.4 28.2 34.7 45.1 0.5	2930 3340 3470 3170 30	1.33 1.36 1.24 1.47 0.05	0.11 0.12 0.21 0.20 0.02	4.37 4.20 3.90 3.52 33.2	0.52 3.44 5.78 1.06 0.03	21.9 24.7 24.8 24.6 1.05	11.1 9.8 12.1 13.3 0.8	9 9 9 9	2.76 2.82 2.49 2.70 <0.05	24.9 16.5 43.1 68.8 1.7



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20190310** 

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Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$038877		4.97	20.6	0.11	1.4	0.114	2.87	12.0	17.6	1.17	1460	0.48	2.89	8.0	3.3	1360
\$038878		4.41	19.20	0.10	1.3	0.082	3.15	10.2	18.6	1.14	1680	1.04	2.25	7.6	3.5	1300
\$038879		4.35	19.40	0.09	1.3	0.078	3.11	12.7	18.9	1.27	1590	1.03	2.72	7.4	3.2	1310
\$038880		0.13	0.31	0.07	<0.1	0.011	0.03	1.2	0.9	2.34	157	0.10	0.04	0.1	0.7	80
\$038881		4.18	17.65	0.08	1.3	0.087	3.31	9.4	10.5	0.82	1640	1.20	1.33	7.0	2.7	1240
\$038882		4.28	19.05	0.07	1.3	0.085	3.46	9.2	7.1	0.99	1650	1.28	1.85	7.5	3.0	1300
\$038883		4.40	18.55	0.08	1.3	0.076	3.31	10.4	6.3	0.98	1620	1.00	1.47	7.0	2.9	1220
\$038884		3.99	19.55	0.08	1.4	0.059	4.16	8.2	7.6	0.83	1560	2.45	1.16	8.0	1.9	1220
\$038885		4.37	18.60	0.11	1.3	0.080	3.17	11.0	16.4	1.09	1680	0.98	2.37	7.5	3.3	1300
\$038886		4.39	19.45	0.10	1.3	0.099	3.20	11.8	18.9	1.12	1900	0.77	2.23	7.7	3.0	1320
S038886CD		4.42	21.1	0.11	1.4	0.101	3.22	10.7	20.6	1.10	1920	0.98	2.30	8.2	3.5	1360
S038887		4.79	19.05	0.10	1.2	0.112	3.11	13.3	17.3	1.08	1710	2.04	2.31	7.5	2.9	1300
S038888		4.26	19.20	0.09	1.3	0.077	3.18	10.3	17.3	1.08	1860	1.14	2.20	7.6	3.2	1350
S038889		4.23	19.90	0.12	1.5	0.066	3.32	11.4	19.6	1.15	1760	0.92	2.52	8.1	3.2	1380
S038890		4.97	14.05	0.11	1.3	1.400	3.86	14.4	13.6	0.51	1220	10.50	0.24	5.8	16.7	980
\$038891		4.39	20.2	0.09	1.4	0.083	3.17	10.4	21.2	1.17	1590	0.83	2.77	8.1	3.3	1390
\$038892		4.45	20.1	0.12	1.3	0.087	3.66	11.5	19.5	1.14	1800	0.87	1.81	7.9	3.0	1370
\$038893		4.40	19.35	0.09	1.4	0.073	3.79	9.0	19.6	1.19	1960	1.36	1.00	7.7	3.4	1320
\$038894		4.87	18.60	0.09	1.3	0.111	3.80	8.4	16.2	1.00	1630	1.49	0.39	7.1	3.3	1230
\$038895		4.34	19.85	0.11	1.4	0.078	3.29	12.5	20.0	1.12	1580	1.13	2.34	7.7	3.1	1360
\$038896		4.38	19.05	0.09	1.4	0.084	2.88	10.4	20.2	1.08	1540	0.68	2.60	7.4	3.4	1330
\$038897		4.56	19.55	0.11	1.5	0.088	3.04	12.2	21.0	1.15	1620	0.58	2.58	7.7	3.1	1340
\$038898		4.42	18.50	0.10	1.4	0.080	3.23	12.0	20.3	1.05	1540	1.18	2.45	7.6	3.2	1290
\$038899		4.03	20.7	0.11	1.5	0.065	3.16	11.6	20.4	1.01	1300	1.12	2.92	8.2	3.1	1370
\$038900		0.13	0.31	0.08	<0.1	<0.005	0.02	1.1	1.1	3.71	169	0.06	0.04	0.1	0.7	60



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(ALS									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	90310	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$038877		84.1	42.2	<0.002	0.73	5.55	15.9	1	1.5	785	0.44	0.35	3.51	0.369	0.66	2.1
\$038878		370	81.2	<0.002	2.25	4.35	16.0	3	1.3	329	0.39	4.82	3.48	0.348	1.09	2.1
\$038879		46.3	82.0	<0.002	0.98	3.36	16.4	1	1.2	382	0.37	0.58	3.97	0.341	0.89	2.3
\$038880		0.8	0.9	<0.002	<0.01	0.07	0.2	1	<0.2	84.5	<0.05	<0.05	0.09	0.006	<0.02	0.1
\$038881		194.5	83.9	<0.002	1.75	6.30	13.7	2	1.2	406	0.37	1.63	3.37	0.329	1.04	2.2
\$038882 \$038883 \$038884 \$038885 \$038886		21.4 14.7 22.9 23.0 27.1	83.9 81.5 89.0 80.0 84.3	<0.002 0.002 0.002 <0.002 <0.002	1.54 1.64 1.38 0.86 0.87	5.77 6.13 7.16 4.42 3.21	15.0 14.6 10.7 15.7 16.4	1 1 1 1	1.3 1.2 1.0 1.2 1.2	433 360 380 504 427	0.40 0.37 0.45 0.40 0.41	0.86 0.77 0.61 0.32 0.81	3.20 3.28 3.00 3.69 4.03	0.347 0.329 0.363 0.353 0.361	1.09 1.07 1.28 0.93 1.00	2.2 2.3 2.3 2.2 2.2
S038886CD		30.3	77.1	<0.002	0.89	3.49	16.7	1	1.3	436	0.44	0.99	3.69	0.359	1.10	2.3
S038887		103.0	79.2	<0.002	1.61	3.73	15.9	1	1.3	573	0.39	3.72	3.86	0.354	0.91	2.4
S038888		88.0	74.1	<0.002	1.73	4.14	15.4	2	1.3	420	0.41	0.92	3.18	0.355	1.00	2.2
S038889		53.2	82.3	<0.002	1.15	3.43	16.7	1	1.2	501	0.44	0.40	3.93	0.368	1.04	2.5
S038890		9150	166.0	0.004	3.19	78.8	12.9	3	4.1	148.5	0.36	0.29	4.00	0.263	3.36	2.2
\$038891		44.8	65.6	<0.002	0.69	3.31	16.0	1	1.2	591	0.44	0.24	3.53	0.373	0.89	2.3
\$038892		31.6	97.3	<0.002	1.65	4.04	16.2	1	1.3	311	0.41	2.48	3.63	0.357	1.18	2.4
\$038893		64.8	93.8	<0.002	2.73	5.99	15.3	2	1.1	188.5	0.40	1.22	3.32	0.346	1.35	2.3
\$038894		133.0	117.0	<0.002	3.91	14.30	14.6	2	1.0	125.5	0.38	2.75	3.40	0.330	1.64	2.3
\$038895		36.8	86.8	<0.002	0.78	3.44	16.4	1	0.9	371	0.41	0.29	3.85	0.362	0.96	2.5
\$038896 \$038897 \$038898 \$038899 \$038900		25.5 59.0 41.3 47.0 2.2	55.9 62.2 72.9 73.7 0.6	<0.002 <0.002 <0.002 <0.002 <0.002	0.55 0.62 0.89 1.17 <0.01	3.89 4.85 3.00 3.08 0.10	15.5 16.0 16.2 17.0 0.2	<1 1 1 1	1.0 0.9 1.0 0.8 <0.2	552 658 469 535 75.7	0.39 0.41 0.40 0.43 <0.05	0.21 0.43 0.67 0.44 <0.05	3.44 3.93 3.92 3.92 0.09	0.352 0.362 0.349 0.362 0.006	0.76 0.77 0.85 0.83 <0.02	2.2 2.4 2.4 2.6 0.2



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(763)	,								CERTIFICATE OF ANALYSIS VA20190310
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
S038877		175	1.2	16.7	166	42.4	23.2	0.5	107
S038878		170	4.0	12.2	953	41.5	20.8	0.5	103
S038879		167	3.5	11.8	166	41.4	22.8	0.5	95
S038880		2	<0.1	2.2	4	1.6	3.5	<0.1	6
S038881		155	8.6	13.9	690	39.4	22.3	0.4	98
5038882		163	4.6	10.6	103	40.6	21.7	0.5	86
5038883		153	3.1	10.5	107	38.6	20.8	0.4	85
5038884		141	9.2	10.4	211	44.7	22.0	0.5	96
5038885		168	1.7	14.2	177	39.3	22.5	0.4	104
5038886		168	1.9	15.5	297	39.1	22.0	0.4	89
5038886CD		172	2.0	15.7	304	41.9	22.4	0.5	106
5038887		167	1.7	16.9	976	36.5	22.8	0.5	91
5038888		166	2.2	13.5	720	37.9	22.9	0.4	101
5038889		172	2.0	16.3	246	46.4	22.3	0.5	108
5038890		128	4.4	10.2	1920	46.6	27.9	0.3	70
5038891		178	1.6	16.4	147	43.3	23.0	0.4	103
5038892		172	2.4	16.0	494	40.3	22.4	0.5	107
5038893		166	3.0	15.8	267	42.1	22.7	0.4	89
5038894		154	5.2	11.8	839	39.9	22.7	0.5	85
5038895		173	2.2	16.9	153	43.5	22.0	0.5	99
5038896		171	1.5	16.1	109	42.3	22.4	0.5	105
5038897		169	1.7	16.8	327	44.9	21.8	0.4	108
5038898		162	2.3	17.1	462	44.6	22.5	0.5	98
5038899		169	2.0	17.5	122	45.3	23.8	0.5	99
5038900		2	<0.1	2.1	5	1.4	3.9	<0.1	8



To: PRETIVM
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CERTIFICATE		ANAI VCIC	1/420.	190310	1
CEKTIFICATE	UF	ANALISIS	VAZU	しめひろしい	,

1		<u> </u>	CERTIFICATE OF ANA	L1313 VA20130310
		CERTIFICATE COM	IMENTS	
		ANALY	TICAL COMMENTS	
Applies to Method:	REEs may not be totally solub ME-MS61	le in this method.		
		LABOR	ATORY ADDRESSES	
		ocated at 2103 Dollarton Hwy, No		
Applies to Method:	Au-AA23	BAG-01	CRU-31	CRU-QC
	LOG-21	LOG-21d	LOG-23	ME-MS61
	PUL-32m SPL-21	PUL-32md SPL-21d	PUL-QC WEI-21	pXRF-34
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ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218

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27-JAN-2021 Account: PREBOW

## VA20190311

Project: Bowser Regional Project

P.O. No.: BOW-1089

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 31-AUG-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY LEANNE HAWKINS	JEFF AUSTON COREY IAMES	SUSAN FLASHA IULIANNE MADSEN
KEN MCNAUGHTON	STEPHAINE WAFFORN	JOEN WITE IN ISSERT

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	
Zn-OG62	Ore Grade Zn - Four Acid	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
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Page: 2 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 14-SEP-2020 Account: PREBOW

(ALS)	,								С	ERTIFIC	CATE O	F ANAI	YSIS	VA201	90311	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61								
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029301		7.14	0.010	0.73	7.79	64.1	1490	0.78	0.45	6.02	0.07	14.85	13.8	15	6.88	139.5
\$029302		6.24	<0.005	0.95	8.11	33.8	1020	0.93	0.30	4.55	0.06	13.75	13.2	15	7.62	204
\$029303		5.58	<0.005	0.54	7.87	26.5	1480	1.01	0.20	5.59	0.05	15.30	11.6	14	7.42	221
\$029304		5.72	<0.005	0.57	7.89	21.9	1240	0.91	0.24	6.16	0.07	15.15	13.8	13	6.70	201
\$029305		7.28	0.011	1.35	7.53	85.9	1030	0.98	0.22	4.44	0.08	12.50	13.3	14	8.06	212
S029306 S029306CD S029307 S029308 S029309		4.60 <0.02 5.50 4.34 5.98	0.009 0.013 0.005 0.005 0.007	1.02 1.13 0.58 0.50 0.43	8.24 8.58 8.57 8.14 7.85	61.5 59.2 37.4 35.5 69.2	1560 1620 1790 2200 1940	0.95 0.95 0.99 0.93 1.01	0.43 0.44 0.32 0.22 0.20	2.95 2.88 4.57 4.47 6.90	0.10 0.12 0.05 0.05 0.06	14.95 16.70 15.55 14.45 15.30	14.2 15.5 13.5 15.4	14 17 14 14	7.80 7.47 7.00 7.20	163.0 82.0 78.4 74.6
\$029310		0.16	1.025	11.55	6.09	303	490	1.12	0.17	3.57	4.37	22.9	10.7	27	6.82	81.2
\$029311		4.80	0.008	0.34	6.96	73.7	1610	0.99	0.17	6.29	0.25	12.30	14.9	15	7.51	76.0
\$029312		5.74	0.007	0.50	7.81	38.3	1650	0.98	0.30	5.01	0.32	14.40	14.6	13	8.82	79.1
\$029313		6.90	<0.005	0.44	7.48	30.4	1790	1.02	0.17	5.77	0.25	13.60	14.0	14	7.48	69.8
\$029314		4.08	0.014	0.32	7.50	155.0	1840	0.86	0.10	7.12	0.92	15.75	14.2	14	6.91	70.2
\$029315		4.60	0.026	0.42	7.77	206	860	1.00	0.18	6.20	0.47	14.80	18.0	13	6.67	75.0
\$029316		6.78	0.010	0.31	8.00	83.9	2060	0.99	0.19	5.26	0.07	15.10	17.1	11	6.62	76.7
\$029317		6.50	0.005	0.32	8.23	40.0	1740	0.94	0.21	4.60	0.09	14.75	16.6	10	5.73	88.4
\$029318		6.60	0.005	0.36	7.68	67.8	720	0.77	0.22	4.42	0.11	14.95	16.4	12	4.98	78.2
\$029319		4.52	<0.005	0.49	7.90	74.6	1150	0.92	0.25	5.05	0.15	15.25	16.6	12	5.74	93.2
\$029320		0.68	<0.005	0.02	0.36	0.5	40	0.13	0.01	32.6	<0.02	1.70	1.2	4	0.11	4.5
\$029321		5.22	0.066	0.38	7.39	176.5	1310	1.00	0.20	6.46	0.15	14.15	15.6	11	9.21	85.1
\$029322		5.84	0.007	0.50	7.67	57.2	1280	0.95	0.16	7.85	0.20	15.80	17.2	9	7.68	104.5
\$029323		4.04	0.009	0.71	7.61	123.5	1880	1.02	0.26	5.68	0.48	15.55	16.0	16	8.03	82.2
\$029324		4.26	0.013	1.18	7.42	315	610	0.83	0.41	5.28	0.64	11.95	17.5	11	7.25	91.8
\$029325		2.68	0.006	0.94	8.79	258	3050	1.46	0.02	6.60	0.52	17.25	45.8	168	8.44	92.5
\$029326		4.76	0.012	1.51	7.20	215	2130	0.79	0.04	6.53	13.55	15.20	16.9	21	6.04	88.4
\$029326CD		<0.02	0.013	1.54	6.97	218	2080	0.73	0.04	6.43	14.55	14.75	15.8	21	5.79	88.3
\$029327		5.54	<0.005	0.76	7.18	96.9	1030	0.74	0.05	8.17	0.15	15.90	14.6	10	5.21	75.4
\$029328		6.44	<0.005	0.54	7.90	18.8	750	0.71	0.04	4.80	0.24	14.40	15.9	12	5.17	86.0
\$029329		5.22	<0.005	0.21	7.74	20.7	1080	0.65	0.03	4.59	0.15	16.25	16.2	11	4.63	92.7
\$029330		0.16	5.72	80.3	6.28	280	990	0.93	1.20	1.97	23.7	26.3	11.5	24	8.17	117.5
\$029331		6.66	0.005	0.22	7.71	13.4	1310	0.80	0.04	4.61	0.06	16.05	16.5	10	4.91	86.7
\$029332		7.30	<0.005	0.28	7.89	16.8	740	0.81	0.05	3.31	0.10	15.20	15.7	13	5.03	89.9
\$029333		5.94	0.006	0.56	8.12	21.2	1860	0.89	0.03	6.36	0.32	17.30	14.5	11	5.20	78.7
\$029334		6.40	0.008	1.46	7.88	35.7	990	0.65	0.04	4.11	0.17	15.60	15.7	10	4.68	99.6
\$029335		6.38	0.015	2.88	7.84	175.5	890	0.69	0.04	3.55	91.7	15.05	16.4	10	4.86	181.0
\$029336		5.72	0.006	1.72	8.12	70.0	2170	0.68	0.04	4.06	0.40	16.95	15.4	9	5.59	95.3
\$029337		6.18	0.005	1.51	7.95	103.0	2000	0.77	0.04	6.77	0.41	18.40	16.4	14	5.62	90.1
\$029338		2.50	0.006	0.94	7.93	63.3	2180	0.80	0.03	5.99	0.29	14.35	14.2	15	5.98	64.9



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20190311

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											CAILO	I ANA		VAZOI	30311	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029301 \$029302 \$029303 \$029304 \$029305		4.70 4.56 3.91 4.51 3.84	16.05 17.15 16.45 16.60 17.90	0.07 0.08 0.09 0.10 0.08	0.9 0.8 0.9 0.9	0.049 0.041 0.048 0.056 0.042	3.79 3.62 3.81 3.49 3.65	8.5 7.7 8.8 9.0 6.7	24.6 33.3 30.7 31.3 27.7	1.48 1.79 1.67 1.87 1.46	1070 1140 1240 1380 1010	1.59 1.66 1.54 1.46 1.85	0.28 0.05 0.19 0.41 0.08	7.6 8.4 8.6 8.2 8.4	9.9 8.0 8.0 8.0	1720 1770 1700 1650 1650
\$029306		4.11	17.30	0.10	0.8	0.042	3.97	8.4	25.7	1.40	948	1.37	0.25	8.7	7.9	1840
\$029306CD		4.22	18.40	0.13	1.0	0.046	4.09	9.7	27.4	1.44	959	1.47	0.25	9.3	8.3	1900
\$029307		4.44	18.75	0.13	0.9	0.039	4.30	8.7	23.1	1.29	993	1.22	0.54	9.2	9.4	1910
\$029308		4.05	17.40	0.11	0.9	0.033	4.27	8.1	29.3	1.64	1400	1.39	0.46	9.2	7.6	1990
\$029309		4.49	16.60	0.10	0.8	0.045	4.12	8.6	23.9	1.44	1510	0.53	0.59	8.5	8.3	1960
\$029310		3.92	13.75	0.11	1.2	0.045	3.88	11.4	12.8	0.56	1380	10.15	0.21	5.1	20.5	920
\$029311		4.22	15.95	0.10	0.8	0.063	3.66	6.6	17.9	1.05	1310	0.64	0.51	8.1	8.5	1730
\$029312		4.34	16.15	0.11	0.8	0.035	3.79	8.2	22.1	1.33	1100	0.57	0.54	8.4	7.7	1740
\$029313		3.97	16.75	0.10	0.7	0.041	3.91	7.4	27.5	1.71	1350	0.64	0.66	8.5	8.2	1690
\$029314		4.59	15.75	0.09	1.0	0.077	3.48	9.2	23.3	1.77	1520	0.41	0.82	7.8	7.5	1720
\$029315 \$029316 \$029317 \$029318 \$029319		5.51 5.27 5.11 5.10 4.79	16.75 17.55 18.20 16.35 16.70	0.08 0.09 0.10 0.08 0.08	0.8 0.8 0.8 0.8	0.076 0.050 0.040 0.042 0.044	3.40 3.59 4.34 3.48 4.03	8.4 8.5 7.9 8.3 8.5	31.4 33.5 25.6 31.0 31.2	2.10 2.15 1.62 1.94 1.99	1370 1210 1060 1160 1220	0.50 0.57 0.74 0.67 1.13	0.78 1.22 1.68 1.53 1.00	7.9 9.0 9.5 8.6 8.5	7.7 6.4 6.2 6.0 6.4	1630 2170 2180 1970 2050
\$029320		0.17	1.21	0.06	0.2	<0.005	0.05	1.3	1.2	3.05	137	0.06	0.18	0.4	1.1	150
\$029321		4.47	15.65	0.06	1.1	0.041	3.48	8.2	25.9	1.61	1100	0.31	0.07	7.6	5.5	2100
\$029322		4.89	15.95	0.06	0.7	0.037	3.32	9.0	31.2	2.10	1380	0.21	0.11	8.4	6.2	2170
\$029323		4.36	16.70	0.07	0.8	0.046	3.74	8.5	27.9	1.86	977	0.97	0.27	8.6	9.9	2210
\$029324		5.25	17.60	0.07	0.9	0.049	4.24	6.0	27.4	1.75	1070	0.46	0.41	8.8	6.7	2390
\$029325 \$029326 \$029326CD \$029327 \$029328		8.66 4.15 4.09 4.04 4.65	16.95 15.05 14.50 15.00 16.10	0.09 0.07 0.07 0.06 0.08	0.8 0.9 1.0 0.9	0.062 0.036 0.032 0.040 0.047	4.12 3.44 3.32 3.40 4.09	7.2 8.7 8.4 9.1 7.5	38.6 24.9 24.2 22.8 25.9	3.07 1.65 1.62 1.56 1.85	1800 1280 1260 1730 1320	0.39 0.61 0.47 0.42 0.36	0.29 0.73 0.70 1.13 1.65	2.9 7.2 6.8 7.6 8.4	103.0 13.0 12.4 6.4 7.2	900 1750 1690 1830 2110
\$029329 \$029330 \$029331 \$029332 \$029333		4.74 4.76 4.59 4.92 4.79	16.05 13.95 17.20 17.10 17.60	0.09 0.11 0.08 0.12 0.09	0.9 1.3 0.9 1.0	0.047 1.405 0.049 0.042 0.051	3.46 3.73 3.47 3.93 3.69	8.6 13.5 8.6 7.8 9.6	29.8 12.5 29.2 24.8 24.4	1.92 0.49 1.87 1.48 1.60	1350 1190 1380 1040 1510	0.31 10.40 0.33 0.26 0.38	1.81 0.23 1.50 1.67 1.57	8.2 6.0 8.1 8.7 8.7	7.7 16.6 8.3 8.5 8.2	1820 970 1800 1850 1880
\$029334		4.58	17.20	0.09	1.0	0.035	4.30	8.0	22.3	1.40	1060	0.63	1.88	8.7	8.1	1890
\$029335		4.59	17.70	0.11	1.0	0.042	4.20	7.7	21.5	1.26	1020	1.77	1.78	8.9	8.4	1900
\$029336		4.46	17.35	0.09	1.0	0.041	4.06	8.9	25.5	1.53	1180	0.53	1.87	9.1	8.1	1930
\$029337		5.23	16.25	0.09	0.8	0.048	3.51	10.2	31.2	1.91	1720	1.41	1.62	7.9	9.7	1780
\$029338		4.52	15.45	0.09	0.9	0.050	3.63	8.0	30.6	1.82	1520	0.53	1.75	7.6	8.3	1670



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Page: 2 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 14-SEP-2020 Account: PREBOW

(ALS)	,								C	ERTIFIC	CATE O	F ANAL	YSIS	VA201	90311	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$029301 \$029302 \$029303 \$029304 \$029305		5.7 5.0 4.0 4.4 7.6	128.0 120.5 132.0 132.5 111.0	0.005 0.005 0.004 0.003 0.004	2.12 1.27 1.17 1.52 1.73	6.60 5.61 5.99 4.86 7.62	23.0 22.7 21.3 21.5 22.8	2 1 1 1	0.6 0.6 0.7 0.6 0.6	259 158.0 217 250 143.0	0.40 0.43 0.44 0.44 0.44	0.09 0.10 0.08 0.11 0.12	1.88 1.71 1.84 2.02 1.51	0.268 0.279 0.256 0.251 0.269	2.38 2.38 2.44 2.34 2.65	1.0 0.9 0.9 0.9 0.8
S029306 S029306CD S029307 S029308 S029309		7.3 7.4 5.1 3.7 5.3	129.0 153.5 141.0 119.0 121.0	<0.002 0.002 0.003 <0.002 <0.002	1.30 1.28 1.32 0.74 2.08	7.22 7.61 4.00 5.24 5.28	25.5 28.1 27.4 25.9 25.9	1 1 1 1 1	0.6 0.6 0.7 0.6 0.7	126.0 126.5 193.0 194.0 282	0.46 0.46 0.48 0.49 0.44	0.15 0.16 0.19 0.08 0.12	1.75 2.10 1.71 1.72 1.69	0.293 0.296 0.311 0.296 0.297	2.94 3.07 2.88 2.80 2.64	0.8 1.0 0.8 0.8
\$029310 \$029311 \$029312 \$029313 \$029314		146.0 4.2 5.6 4.9 7.0	164.0 96.7 134.0 105.0 117.0	0.011 <0.002 <0.002 <0.002 <0.002	2.84 1.69 2.12 1.29 1.73	19.20 4.56 6.39 6.29 5.08	11.1 22.4 24.4 24.9 23.9	2 1 1 1 1	1.5 0.6 0.5 0.6 0.6	188.0 240 209 286 331	0.29 0.42 0.43 0.43 0.39	0.33 0.10 0.14 0.11 0.15	3.10 1.42 1.78 1.41 1.83	0.253 0.278 0.266 0.272 0.266	3.22 2.39 2.69 2.64 2.19	1.7 0.6 0.8 0.7 0.9
\$029315 \$029316 \$029317 \$029318 \$029319		5.8 5.3 4.6 5.2 5.0	122.5 104.5 113.5 98.4 125.0	0.002 <0.002 <0.002 <0.002 <0.002	2.65 1.85 1.82 2.15 1.81	7.32 4.66 3.71 5.54 7.58	29.2 31.0 30.1 29.8 31.7	1 1 <1 1 <1	0.7 0.6 0.6 0.6 0.6	288 307 345 295 297	0.40 0.46 0.49 0.43 0.42	0.15 0.14 0.12 0.15 0.09	1.52 1.67 1.56 1.52 1.51	0.291 0.300 0.320 0.293 0.307	2.33 2.51 2.84 2.37 2.76	0.8 0.8 0.7 0.7 0.6
\$029320 \$029321 \$029322 \$029323 \$029324		0.6 5.5 4.8 5.4 11.0	1.0 138.0 117.5 118.5 111.5	<0.002 0.002 <0.002 <0.002 <0.002	0.02 2.35 2.14 1.46 2.72	0.13 11.25 7.51 8.86 14.10	2.1 30.0 30.5 30.7 29.0	1 1 1 1	0.3 0.6 0.6 0.6 0.7	74.6 191.5 237 172.0 195.5	<0.05 0.38 0.41 0.43 0.45	<0.05 0.16 0.11 0.19 0.26	0.11 1.79 1.71 1.58 1.32	0.071 0.280 0.303 0.330 0.319	0.04 2.63 2.65 2.96 3.31	0.3 0.8 0.7 0.8
\$029325 \$029326 \$029326CD \$029327 \$029328		8.5 129.0 158.0 9.0 6.0	112.0 122.0 117.5 118.5 97.9	<0.002 <0.002 <0.002 <0.002 <0.002	0.43 1.38 1.34 2.29 2.13	9.68 13.75 13.70 13.85 6.82	40.9 26.6 25.4 25.1 27.6	1 1 1 1 <1	0.7 0.5 0.5 0.5 0.6	229 229 223 264 240	0.16 0.38 0.35 0.38 0.42	<0.05 0.12 0.12 0.12 0.10	0.26 1.53 1.56 1.61 1.47	0.767 0.297 0.288 0.269 0.324	2.71 3.37 3.22 4.20 3.48	0.1 0.8 0.8 0.8 0.7
\$029329 \$029330 \$029331 \$029332 \$029333		5.0 8700 6.8 5.4 4.7	97.5 158.5 101.0 113.0 119.5	<0.002 0.004 <0.002 <0.002 <0.002	2.00 3.05 1.89 2.44 1.98	5.82 77.2 4.95 5.95 5.18	27.0 12.5 24.6 26.0 24.4	1 3 1 <1 <1	0.6 4.2 0.7 0.7	226 144.5 212 194.0 278	0.42 0.36 0.43 0.45 0.46	0.09 0.28 0.08 0.13 0.09	1.44 3.77 1.48 1.45 1.69	0.331 0.256 0.328 0.337 0.325	2.79 3.33 2.80 3.05 2.95	0.7 2.1 0.7 0.9 1.0
\$029334 \$029335 \$029336 \$029337 \$029338		6.9 173.0 11.4 15.0 8.0	111.0 114.5 114.5 109.0 114.5	<0.002 <0.002 <0.002 <0.002 <0.002	2.15 2.25 1.73 2.07 1.73	6.40 9.17 7.34 7.45 6.78	22.2 22.7 22.7 20.9 22.6	1 1 <1 1	0.6 0.6 0.6 0.6 0.6	229 209 233 257 256	0.48 0.47 0.48 0.41 0.38	0.15 0.16 0.11 0.10 0.11	1.46 1.51 1.61 1.47 1.47	0.310 0.313 0.310 0.307 0.304	3.39 3.24 3.33 2.57 2.82	1.0 0.9 0.9 0.7 0.7



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(ALS	,								С	ERTIFIC	CATE OF ANALYSIS	VA20190311
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$029301 \$029302 \$029303 \$029304 \$029305		221 241 216 205 229	3.1 3.0 2.9 1.9 2.8	9.4 9.3 10.3 9.7 9.8	30 34 32 36 32	27.5 26.0 26.7 28.2 24.9			21.6 21.9 22.0 20.0 22.7	0.3 0.3 0.3 0.3	52 49 42 46 49	
\$029306 \$029306CD \$029307 \$029308 \$029309		232 236 251 224 215	1.9 1.9 1.7 1.7	10.1 11.1 11.5 12.9 11.7	34 36 24 33 36	25.5 32.5 25.3 27.3 24.2			24.4 24.5 22.7 22.0 20.0	0.4 0.4 0.4 0.4 0.4	48 45 55 45 51	
\$029310 \$029311 \$029312 \$029313 \$029314		106 204 201 221 199	5.1 1.5 2.3 1.5 1.0	8.5 9.6 10.3 10.2 11.1	474 77 106 82 226	37.9 21.7 25.9 21.4 32.4			27.6 21.6 22.0 20.7 20.4	0.3 0.4 0.4 0.4 0.3	86 48 55 49 48	
\$029315 \$029316 \$029317 \$029318 \$029319		249 259 272 283 261	1.0 0.9 0.9 0.8 1.0	10.7 11.0 12.1 12.2 10.7	141 47 43 54 59	23.8 25.0 26.3 22.1 19.8			20.1 21.0 20.8 21.4 21.1	0.4 0.4 0.4 0.4 0.4	42 44 45 44 39	
\$029320 \$029321 \$029322 \$029323 \$029324		15 251 244 265 279	<0.1 1.1 0.8 1.6 1.3	4.0 11.1 12.2 12.5 10.7	5 59 67 105 153	5.1 30.5 22.3 24.8 25.6			3.7 22.5 18.9 20.3 21.7	0.1 0.3 0.3 0.4 0.4	9 39 48 48 45	
\$029325 \$029326 \$029326CD \$029327 \$029328		300 223 216 214 255	4.7 1.6 1.6 1.0 1.0	20.7 12.0 11.8 13.4 11.5	122 1330 1440 51 81	25.3 28.2 33.0 26.3 28.4			14.9 21.6 21.2 18.8 21.0	0.8 0.4 0.4 0.4 0.5	55 39 39 45 50	
\$029329 \$029330 \$029331 \$029332 \$029333		250 123 233 251 234	1.0 4.2 1.1 1.0 1.0	12.9 9.7 13.2 11.1 12.1	56 1870 46 43 100	27.2 46.2 29.0 32.6 32.9			20.5 27.1 21.6 22.6 20.9	0.4 0.3 0.4 0.5 0.4	54 83 49 56 58	
\$029334 \$029335 \$029336 \$029337 \$029338		214 215 220 217 211	1.2 2.2 1.2 1.4 1.0	10.0 9.9 11.9 14.1 11.8	52 7480 78 103 64	35.1 33.0 32.3 23.5 26.9			20.9 23.1 22.6 19.3 20.8	0.5 0.5 0.5 0.4 0.4	56 56 55 52 54	



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(ALS)	,								С	ERTIFIC	CATE O	F ANAL	LYSIS	VA201	90311	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029339		3.64	0.005	0.94	7.74	41.4	2520	0.81	0.03	4.51	1.03	14.35	16.6	16	6.12	84.7
\$029340		1.42	<0.005	0.02	0.11	0.2	30	0.09	0.01	32.9	0.03	0.99	1.3	1	0.06	4.9
\$029341		2.56	0.008	26.3	4.44	80.6	470	0.65	0.05	4.99	816	10.75	13.4	8	4.67	988
\$029342		5.90	<0.005	0.66	7.78	19.1	2320	0.79	0.04	3.56	2.08	13.00	15.3	12	6.34	82.0
\$029343		5.74	<0.005	0.47	8.08	13.6	2030	0.82	0.04	4.03	0.37	13.25	16.9	12	5.07	89.2
\$029344		5.38	0.005	0.91	7.67	27.0	2140	0.85	0.03	3.67	1.48	12.05	18.2	10	4.79	96.8
\$029345		6.16	0.005	1.04	8.21	34.7	2450	1.01	0.03	4.00	0.15	14.70	18.4	10	6.54	84.7
\$029346		5.48	<0.005	0.71	7.96	13.6	2650	0.78	0.02	3.63	0.25	12.55	16.0	9	3.63	52.8
\$029346CD		<0.02	0.005	0.71	8.24	13.0	2690	0.79	0.02	3.69	0.30	13.85	16.4	9	3.78	57.4
\$029347		6.70	0.005	0.60	8.09	10.4	2950	0.86	0.02	3.58	0.17	13.55	15.8	7	2.51	65.6
\$029348		5.52	0.008	0.49	8.56	22.6	3210	0.87	0.02	3.95	0.11	14.35	16.5	7	2.23	64.0
\$029349		6.56	0.006	0.62	8.18	13.1	2480	0.83	0.02	3.52	0.24	14.10	16.7	8	2.21	94.3
\$029350		0.12	1.095	29.9	6.29	396	690	1.39	0.99	0.70	1.77	28.0	14.6	19	8.54	110.5
\$029351		4.72	<0.005	1.08	8.48	15.3	3620	0.85	0.03	2.64	0.36	12.80	16.8	10	2.70	111.5
\$029352		5.64	<0.005	1.70	7.79	24.3	2880	0.93	0.03	3.52	0.76	12.60	17.2	12	3.55	110.5
\$029353		5.70	<0.005	1.40	8.29	30.7	3070	0.97	0.03	3.06	0.64	12.20	17.7	15	2.95	111.5
\$029354		5.04	<0.005	0.43	8.36	23.4	3460	1.23	0.03	3.10	0.10	12.95	13.2	13	2.64	76.9
\$029355		6.12	<0.005	0.49	8.24	13.5	2930	0.83	0.04	2.81	0.16	13.40	17.3	17	1.93	108.0
\$029356		4.86	0.005	0.50	8.31	78.1	2360	0.82	0.04	3.58	0.21	13.70	17.2	15	1.80	108.5
\$029357		5.92	0.010	0.68	8.35	94.2	1810	1.06	0.04	4.84	0.26	15.15	19.1	14	4.00	101.5
\$029358		5.26	<0.005	0.35	8.43	21.9	2230	1.06	0.03	4.40	0.30	12.80	15.4	14	3.96	78.1
\$029359		4.36	<0.005	0.36	8.25	16.1	1850	0.82	0.03	3.36	0.15	12.80	16.8	18	2.17	77.6
\$029360		0.88	<0.005	0.02	0.10	0.5	30	0.08	0.02	33.7	0.31	0.99	1.1	1	<0.05	10.8
\$029361		6.06	0.006	1.06	8.46	65.3	1010	0.77	0.03	4.46	0.18	14.65	18.1	15	2.70	93.0
\$029362		5.26	0.010	1.29	7.97	71.9	980	0.87	0.03	4.09	0.15	13.70	17.5	20	3.52	89.9
\$029363		5.64	0.006	1.42	8.36	82.4	2900	0.97	0.03	5.74	2.58	14.55	17.8	19	3.82	136.0
\$029364		5.60	<0.005	0.78	8.32	19.1	3080	0.76	0.03	5.02	0.12	14.65	16.9	26	2.62	89.7
\$029365		5.70	<0.005	0.49	8.04	14.1	2840	0.78	0.03	4.86	0.09	14.35	17.2	22	1.68	92.0
\$029366		6.52	<0.005	0.41	8.23	15.0	1980	0.76	0.04	3.05	0.11	12.80	17.7	20	1.34	80.8
\$029366CD		<0.02	<0.005	0.42	8.42	15.7	1660	0.78	0.04	3.13	0.10	13.25	18.6	21	1.38	84.7
\$029367		5.10	<0.005	0.38	8.57	12.5	2580	0.84	0.03	3.41	0.06	14.30	17.2	20	1.30	94.3
\$029368		6.02	0.007	0.38	8.18	20.4	2590	0.83	0.03	3.32	0.10	12.90	17.6	19	1.26	84.4
\$029369		3.26	0.005	0.44	8.10	14.1	2420	0.82	0.05	3.39	0.17	11.80	19.9	22	1.65	106.0
\$029370		0.14	1.035	14.90	6.72	343	1220	1.16	0.17	3.90	4.61	25.9	11.8	28	7.19	85.5
\$029371		4.82	0.006	0.34	7.21	6.5	2940	0.86	0.03	7.10	1.65	15.55	12.1	17	1.93	57.7
\$029372		5.82	0.007	0.24	7.48	6.6	2030	0.76	0.02	7.64	2.04	14.60	11.1	17	1.75	49.1
\$029373		6.14	<0.005	0.21	7.50	4.9	3570	0.78	0.04	6.84	0.59	14.60	13.7	17	1.85	59.4
\$029374		5.12	<0.005	0.19	7.96	8.7	3240	1.17	0.02	3.84	0.08	14.85	17.2	20	1.30	73.2
\$029375		5.50	0.005	0.21	8.16	30.0	2560	0.99	0.04	3.81	0.13	15.30	18.6	19	0.99	86.0
\$029376		6.30	<0.005	0.19	7.97	12.2	2920	1.12	0.03	3.27	0.08	14.60	17.7	21	1.34	85.5



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CERTIFICATE OF ANALYSIS VA20190311

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											CAILO	I ANA		VAZOI	30311	
Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
S029339		4.65	15.15	0.08	0.9	0.047	3.81	8.0	32.5	2.00	1390	0.71	1.53	8.2	7.8	1710
S029340		0.16	0.38	0.05	0.1	< 0.005	0.03	1.2	1.5	3.28	128	0.14	0.05	0.1	0.7	70
S029341		5.21	15.05	< 0.05	0.5	0.031	1.46	6.3	30.2	1.54	1440	4.82	0.34	4.4	4.6	950
S029342 S029343		4.87 5.64	16.15 17.10	0.07 0.08	0.9 0.9	0.045 0.051	4.30 4.06	7.2 7.4	30.9 32.2	1.89 2.03	1260 1370	1.81 0.75	1.45 1.99	9.1 9.5	7.1 7.6	1780 1840
S029344		5.34	16.10	0.07	0.8	0.048	3.83	6.4	29.8	1.86	1310	0.54	1.75	9.0	7.4	1840
S029345		5.07	17.85	0.10	0.8	0.044	4.25	8.0	29.2	1.84	1260	0.42	1.32	9.6	8.0	1940
S029346		4.78	16.15	0.10	0.8	0.044	3.42	6.7	30.2	1.86	1360	0.31	2.60	9.4	6.5	1850
S029346CD		4.79	16.45	0.10	0.8	0.046	3.44	7.4	31.2	1.90	1360	0.31	2.62	9.4	6.5	1880
S029347		4.85	16.80	0.11	8.0	0.052	3.62	7.4	30.7	1.78	1320	0.18	3.01	9.7	5.0	1950
S029348		5.22	17.55	0.11	0.9	0.056	3.71	7.6	34.1	2.08	1580	0.40	3.10	9.9	5.4	2190
S029349		5.41	16.50	0.11	8.0	0.048	3.58	7.8	31.1	1.92	1450	0.34	2.80	9.2	5.2	2010
S029350		4.78	13.55	0.11	1.0	0.034	2.88	12.9	10.6	0.40	242	4.89	0.21	6.1	14.6	1380
S029351		5.35	17.05	0.09	0.9	0.041	4.03	6.5	33.3	1.96	1420	0.33	2.86	9.5	5.7	2250
S029352		5.05	16.80	0.11	8.0	0.041	3.97	6.7	30.5	1.81	1440	0.82	2.04	9.0	6.5	1880
S029353		5.43	17.65	0.11	8.0	0.046	3.90	6.4	34.8	2.09	1460	0.83	2.52	9.9	7.4	2000
S029354		6.00	19.05	0.10	8.0	0.043	3.86	7.0	41.6	2.54	1760	0.34	2.16	11.0	5.8	2250
S029355		5.09	16.45	0.13	8.0	0.051	4.05	7.4	29.6	1.78	1290	0.62	2.80	9.1	8.1	1900
S029356		5.20	16.60	0.13	8.0	0.053	4.09	7.6	30.7	1.85	1420	0.72	2.88	9.5	7.7	1970
S029357		6.01	18.05	0.12	0.7	0.050	3.82	8.9	34.7	2.06	1780	0.49	1.90	9.7	6.2	2050
S029358		4.73	17.55	0.12	0.8	0.044	4.03	7.1	31.1	1.91	1300	0.52	2.13	9.8	6.9	1930
S029359		5.26	16.50	0.11	0.7	0.047	2.64	7.0	37.3	2.23	1340	0.53	3.13	8.5	8.4	1860
S029360		0.21	0.38	0.06	<0.1	0.017	0.03	1.2	1.6	3.02	127	0.07	0.04	0.2	0.2	90
S029361		5.45	15.15	0.07	8.0	0.054	4.33	8.6	27.6	1.77	1140	0.54	2.40	9.4	7.3	2110
S029362		5.73	16.25	0.08	0.7	0.041	3.29	7.6	31.5	1.99	1250	0.53	2.52	8.5	9.5	1880
S029363		5.37	16.45	0.09	0.8	0.045	3.78	8.5	33.0	2.15	1380	1.68	2.21	8.4	9.4	1920
S029364		5.35	16.00	0.09	0.8	0.045	4.16	8.3	30.5	2.17	1340	0.55	2.58	8.4	11.3	1930
S029365		5.43	16.20	0.10	0.7	0.049	3.33	8.1	31.3	2.29	1400	0.56	2.91	8.8	10.5	1890
S029366		5.47	16.20	0.10	0.7	0.040	2.86	7.1	31.6	2.13	1340	0.41	3.47	9.1	9.4	2000
S029366CD		5.63	16.60	0.09	8.0	0.042	2.99	7.4	32.2	2.19	1380	0.54	3.50	9.4	10.0	2030
S029367		5.36	17.05	0.09	0.8	0.047	2.90	8.1	30.5	2.42	1480	0.43	3.53	9.1	9.0	1960
S029368		5.52	18.15	0.09	0.7	0.043	2.97	6.9	29.9	2.33	1500	0.38	3.43	9.7	8.4	2000
S029369		5.48	16.50	0.09	0.7	0.051	4.29	6.4	24.8	2.18	1340	0.47	2.80	9.0	10.2	1920
S029370		4.30	14.30	0.12	1.3	0.045	4.22	13.5	13.3	0.62	1500	10.00	0.23	5.6	20.7	1000
S029371		4.34	15.25	0.09	0.7	0.069	3.87	9.3	25.1	1.58	1460	0.54	1.96	7.4	8.3	1640
S029372		4.70	16.50	0.09	0.6	0.098	4.34	8.6	25.5	1.66	1630	0.33	1.40	7.5	7.6	1730
S029373		4.66	14.75	0.10	0.7	0.060	4.62	8.6	24.6	1.67	1540	0.45	1.56	7.7	8.3	1730
S029374		5.08	15.35	0.12	0.8	0.053	3.52	8.4	19.0	2.37	1340	0.67	3.22	8.5	8.4	1870
S029375		5.43	17.40	0.13	0.7	0.048	2.85	8.8	29.5	2.31	1500	0.49	3.60	9.6	7.9	2070
S029376		5.34	17.05	0.12	8.0	0.045	2.79	8.6	29.9	2.42	1600	1.49	3.53	9.3	9.6	1870



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20190311

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											CAILO	ו אוא	_ 1 3 1 3	<b>V/1201</b>	30311	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
S029339 S029340 S029341 S029342		41.3 1.4 >10000 38.9	105.5 0.8 59.0 103.5	0.002 <0.002 <0.002 0.008	1.38 0.02 5.07 1.54	5.69 0.19 31.7 4.36	26.4 0.3 15.0 26.6	1 1 2 1	0.6 <0.2 0.5 0.6	237 72.2 111.0 239	0.41 <0.05 0.21 0.46	0.11 <0.05 0.10 0.11	1.45 0.07 1.01 1.47	0.321 0.007 0.167 0.310	2.66 0.03 1.51 2.93	0.7 0.2 0.6 1.0
S029343 S029344 S029345		6.2 30.6 6.4	93.2 82.5 113.5	0.006 0.005 0.004	1.81 1.74 1.75	3.44 4.98 6.02	28.0 24.7 25.2	1 1 1	0.6 0.7 0.7	265 263 228	0.47 0.43 0.45	0.18 0.13 0.12	1.56 1.21 1.42	0.308 0.323 0.322	2.68 2.69 2.97	0.7 0.7
S029346 S029346CD S029347		5.0 6.3 6.1	74.7 84.5 74.0	0.002 0.002 0.002	1.10 1.11 1.35	3.16 3.23 2.62	22.2 23.5 25.4	1 1 1	0.6 0.6 0.7	303 306 291	0.46 0.47 0.47	0.08 0.08 0.10	1.34 1.50 1.46	0.307 0.306 0.307	2.24 2.34 2.21	0.7 0.7 0.7 0.7
S029348 S029349 S029350 S029351		4.8 6.7 55.4 6.6	72.2 75.2 133.0 73.4	0.004 0.003 <0.002 0.002	1.10 1.54 4.43 1.18	2.94 3.03 37.5 2.86	27.0 25.9 14.8 26.2	1 1 6 1	0.7 0.6 1.9 0.6	330 315 142.5 298	0.49 0.46 0.32 0.48	0.11 0.11 0.31 0.07	1.58 1.47 2.56 1.38	0.326 0.308 0.319 0.327	2.31 2.28 2.39 2.48	0.8 0.8 1.0 0.8
\$029352 \$029353 \$029354 \$029355 \$029356 \$029357		16.7 14.5 3.7 5.3 5.3 6.1	79.7 75.0 88.5 89.6 114.0	0.003 0.002 <0.002 0.002 0.002 <0.002	1.31 1.19 0.90 1.60 1.76 2.18	5.11 5.84 3.89 4.04 7.35 8.83	26.5 28.2 28.7 28.2 29.2 31.1	1 1 1 1 1	0.6 0.6 0.7 0.7 0.6	300 304 309 370 332	0.43 0.48 0.54 0.43 0.46 0.48	0.09 0.12 0.08 0.12 0.13 0.12	1.30 1.31 1.53 1.45 1.51 1.67	0.309 0.320 0.332 0.306 0.303 0.302	2.79 2.77 2.52 2.66 3.10 2.92	0.8 0.7 0.8 0.8 0.8 0.7
S029358 S029359 S029360 S029361		10.9 3.9 0.5 7.3	106.5 60.4 0.9 111.0	<0.002 0.002 <0.002 <0.002	1.22 1.34 0.10 2.01	5.92 6.42 0.15 5.23	26.6 30.3 0.3 29.6	1 1 1 1	0.6 0.5 <0.2 0.7	400 435 76.3 422	0.49 0.42 <0.05 0.47	0.14 0.11 <0.05 0.18	1.49 1.31 0.07 1.60	0.295 0.306 0.007 0.303	2.44 1.56 0.03 2.45	0.7 0.6 0.1 0.8
\$029362 \$029363 \$029364 \$029365 \$029366 \$029366CD		8.2 135.0 6.5 5.9 7.1 6.7	84.4 105.5 92.4 69.5 57.8 58.5	<0.002 0.004 0.002 <0.002 0.002 0.002	1.38 1.36 1.28 1.91 1.97	5.79 5.91 2.46 2.20 3.76 4.15	29.3 29.3 27.8 29.1 29.8 30.6	1 1 1 1 1	0.6 0.5 0.6 0.6 0.5 0.5	353 474 421 402 378 386	0.40 0.41 0.41 0.44 0.45 0.46	0.18 0.15 0.12 0.17 0.13 0.15	1.35 1.58 1.45 1.41 1.41	0.317 0.311 0.331 0.352 0.323 0.334	1.94 2.12 2.20 1.71 1.51 1.56	0.7 0.7 0.7 0.7 0.7 0.7
\$029360CD \$029367 \$029368 \$029369 \$029370 \$029371		4.8 4.9 10.8 154.5 13.2	61.2 52.6 81.3 186.0 103.5	<0.002 <0.002 <0.002 <0.002 0.009 <0.002	1.97 1.28 1.66 1.49 3.10 1.20	2.93 4.15 5.05 21.1 5.46	30.5 30.8 29.0 11.6 24.9	1 1 1 1 3 1	0.6 0.5 0.7 1.6 0.5	378 406 439 205 495	0.46 0.48 0.43 0.30 0.36	0.13 0.11 0.12 0.20 0.37 0.19	1.41 1.56 1.38 1.23 3.38 1.48	0.334 0.330 0.323 0.332 0.275 0.250	1.52 1.60 2.13 3.17 1.91	0.7 0.7 0.7 0.6 1.8 0.7
\$029372 \$029373 \$029374 \$029375 \$029376		11.2 30.9 5.4 7.2 4.9	108.5 118.0 81.1 63.9 56.2	<0.002 <0.002 <0.002 <0.002 0.004	1.48 1.19 0.94 1.50 0.82	12.45 5.99 1.62 3.16 2.82	25.3 25.9 30.3 33.1 29.7	1 1 <1 1	0.6 0.6 0.6 0.5	551 512 446 446 477	0.37 0.37 0.41 0.48 0.46	0.16 0.12 0.07 0.18 0.07	1.46 1.51 1.57 1.75 1.61	0.266 0.269 0.289 0.310 0.295	2.14 2.20 1.70 1.38 1.43	0.7 0.7 0.7 0.7 1.0



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											C/ (IL OI	ANALISIS	VA20130.	
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5			
\$029339 \$029340 \$029341 \$029342 \$029343		260 3 159 269 272	1.1 0.1 2.4 1.2 0.9	10.9 2.1 9.9 9.4 10.0	161 7 >10000 291 119	25.3 1.9 15.7 26.7 27.0	1.470	5.78	22.3 4.2 21.4 24.1 21.5	0.4 <0.1 0.2 0.4 0.4	48 6 19 37 41			
S029344 S029345 S029346 S029346CD S029347		273 252 231 230 242	1.5 1.6 1.0 1.1 0.8	8.4 11.3 9.5 10.4 11.7	181 64 86 90 66	21.7 23.6 23.1 24.6 23.3			22.4 22.5 22.7 22.6 21.7	0.4 0.4 0.4 0.4 0.4	44 50 50 51 50			
S029348 S029349 S029350 S029351 S029352		261 254 148 267 274	0.9 0.8 2.4 0.8 1.0	10.3 10.2 8.7 9.2 10.0	64 78 213 125 162	25.1 22.9 30.7 25.5 22.7			20.4 20.6 32.6 23.1 22.6	0.4 0.4 0.4 0.4 0.4	51 45 77 45 40			
\$029353 \$029354 \$029355 \$029356 \$029357		285 283 260 260 281	0.8 1.0 0.7 1.1 1.8	10.1 9.9 10.9 8.4 9.1	136 77 77 86 88	22.6 23.6 22.6 22.8 20.1			22.0 20.7 22.5 21.2 20.1	0.4 0.4 0.4 0.4 0.4	43 46 47 45 44			
\$029358 \$029359 \$029360 \$029361 \$029362		244 272 3 276 280	1.8 1.2 <0.1 0.8 0.8	9.7 7.5 2.1 9.2 11.2	79 83 154 57 61	21.2 18.4 1.5 23.2 19.6			21.5 21.7 3.5 21.4 21.5	0.4 0.4 <0.1 0.5 0.4	47 40 <5 40 41			
\$029363 \$029364 \$029365 \$029366 \$029366CD		259 262 271 270 278	1.2 0.5 0.6 1.3 1.4	11.2 11.8 12.0 10.9 11.1	313 62 60 65 66	22.0 20.3 20.3 20.5 20.8			20.1 20.5 19.9 22.5 21.9	0.4 0.4 0.4 0.3 0.4	45 46 52 44 50			
\$029367 \$029368 \$029369 \$029370 \$029371		287 290 294 112 217	0.7 0.6 0.7 5.3 0.3	11.5 10.5 9.6 9.6 12.0	61 65 77 516 416	21.2 19.8 18.9 45.5 18.6			20.9 20.7 21.3 28.7 19.4	0.4 0.4 0.4 0.4	44 43 46 81 41			
\$029372 \$029373 \$029374 \$029375 \$029376		233 230 267 285 280	0.3 0.3 0.4 0.5	11.8 11.6 11.8 11.6 11.5	510 168 65 82 72	15.5 16.3 22.2 21.1 25.0			19.2 19.7 23.0 21.2 21.8	0.4 0.4 0.4 0.4 0.4	45 41 42 44 45			



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(ALS)									С	ERTIFIC	CATE O	F ANAI	_YSIS	VA201	90311	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61								
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029377		5.62	0.005	0.38	7.54	19.1	630	0.93	0.05	3.22	0.05	13.70	19.6	11	2.20	120.0
\$029378		4.60	<0.005	0.40	8.00	23.5	3870	0.83	0.04	2.21	0.06	14.00	19.4	9	1.44	112.5
\$029379		6.10	<0.005	0.28	7.73	14.5	4430	0.98	0.04	3.39	0.05	14.85	17.9	8	1.35	114.0
\$029380		1.18	<0.005	<0.01	0.08	0.5	30	0.08	0.01	31.9	<0.02	0.96	1.0	1	<0.05	1.9
\$029381		5.42	<0.005	0.25	7.47	9.7	4260	0.91	0.03	2.83	0.06	14.25	17.0	7	1.10	113.0
\$029382 \$029383 \$029384 \$029385 \$029386		5.62 6.38 5.46 6.10 6.34	<0.005 <0.005 <0.005 <0.005 <0.005	0.28 0.27 0.26 0.24 0.19	8.28 7.78 8.10 7.74 7.65	11.7 13.3 13.4 14.0 12.2	4580 3900 4530 4130 4480	1.06 0.94 1.09 0.98 1.19	0.03 0.02 0.02 0.02 0.02	3.31 3.09 3.13 2.67 2.91	0.10 0.08 0.06 0.08 0.05	16.25 14.15 15.50 13.85 14.60	18.5 17.0 17.7 15.7 16.5	8 8 6 6	1.32 1.05 1.14 1.09 1.01	109.0 109.5 103.0 93.1 79.3
\$029386CD		<0.02	<0.005	0.20	8.18	13.5	4720	1.24	0.02	3.03	0.05	16.10	17.8	6	1.08	84.1
\$029387		6.24	<0.005	0.22	7.57	13.9	5330	1.22	0.04	2.92	0.07	13.35	18.0	6	1.13	88.6
\$029388		4.68	<0.005	0.21	8.07	11.0	4820	1.05	0.03	2.95	0.05	15.70	17.3	7	1.37	85.5
\$029389		6.76	<0.005	0.23	7.78	19.4	2280	0.99	0.03	3.34	0.07	14.75	16.4	6	1.34	64.2
\$029390		0.16	6.10	81.3	6.30	296	860	1.14	1.17	2.01	23.3	26.6	12.4	23	8.11	120.0
\$029391		5.70	0.104	0.24	8.38	17.0	4470	1.02	0.03	3.74	0.08	16.80	16.6	6	1.48	77.3
\$029392		5.52	0.008	0.37	8.13	60.9	4130	1.07	0.03	3.13	0.10	16.70	16.3	6	2.48	69.7
\$029393		4.82	0.008	0.66	7.89	40.7	2220	1.39	0.03	5.22	0.24	16.65	15.4	7	4.79	70.5
\$029394		5.36	0.006	1.92	7.36	89.4	1380	1.24	0.03	4.39	3.92	13.95	17.4	6	2.98	95.4
\$029395		5.10	<0.005	0.77	7.51	21.2	3140	0.92	0.03	3.57	0.14	14.40	16.9	7	2.18	96.9
\$029396		6.34	<0.005	0.67	8.42	19.5	4720	1.24	0.03	4.28	0.16	17.40	17.3	6	3.08	65.9
\$029397		5.86	<0.005	1.27	8.17	25.5	4200	0.99	0.02	3.70	1.30	16.65	17.0	7	1.98	101.0
\$029398		5.36	<0.005	1.11	8.01	24.3	4170	0.91	0.02	2.93	0.32	15.10	15.6	6	1.50	112.0
\$029399		6.80	<0.005	1.12	7.50	31.8	3920	0.87	0.03	2.67	0.13	14.70	16.0	6	1.42	117.5
\$029400		0.84	<0.005	0.03	0.11	0.2	30	0.09	0.01	30.5	<0.02	1.09	1.2	1	0.07	1.9



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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029377		5.25	17.10	0.14	0.8	0.046	4.31	7.5	23.6	1.64	1300	0.91	2.74	9.8	6.4	2150
\$029378		5.86	19.80	0.13	0.9	0.049	3.00	7.5	40.5	2.18	1610	0.53	3.23	11.4	5.8	2420
\$029379		5.39	18.05	0.14	0.9	0.051	3.09	8.4	28.3	2.05	1760	0.58	3.49	11.6	4.9	2270
\$029380		0.13	0.28	0.10	0.2	<0.005	0.02	1.1	1.4	2.50	129	0.09	0.04	0.1	<0.2	80
\$029381		5.39	17.65	0.11	0.9	0.044	2.87	7.7	25.8	1.97	1550	0.61	3.38	10.5	4.7	2120
\$029382 \$029383 \$029384 \$029385 \$029386		5.73 5.46 5.27 5.05 4.96	19.05 17.65 17.50 17.85 17.05	0.14 0.12 0.14 0.14 0.14	0.9 0.8 0.9 0.9	0.056 0.042 0.051 0.040 0.047	3.09 2.81 3.18 2.76 3.04	9.4 8.0 8.5 7.5 8.0	33.5 31.2 28.2 33.6 28.0	2.19 1.95 1.89 1.80 1.87	1680 1480 1500 1390 1430	0.47 0.44 0.26 0.51 0.40	3.34 3.46 3.59 3.67 3.52	11.3 10.2 10.4 10.8 10.3	5.1 5.0 5.5 5.2 5.0	2200 2120 2180 2240 2180
\$029386CD		5.19	18.10	0.16	1.0	0.049	3.20	8.9	29.2	1.97	1520	0.34	3.68	10.8	5.4	2290
\$029387		5.14	18.80	0.15	0.9	0.053	3.45	7.3	29.3	1.96	1540	0.55	3.33	10.7	5.4	2280
\$029388		5.08	16.85	0.17	0.9	0.050	3.74	8.7	27.0	1.72	1380	0.46	3.28	10.5	5.3	2320
\$029389		5.13	17.80	0.15	0.9	0.057	3.75	8.2	27.6	1.65	1380	1.63	3.10	10.3	5.2	2260
\$029390		4.77	14.15	0.17	1.3	1.300	3.77	14.2	13.7	0.48	1200	10.20	0.23	5.9	16.6	950
\$029391 \$029392 \$029393 \$029394 \$029395		5.39 5.40 4.85 5.01 5.03	18.10 18.85 18.25 17.15 17.50	0.15 0.16 0.15 0.15 0.15	0.9 0.8 0.7 0.7	0.049 0.043 0.050 0.055 0.054	3.29 3.63 5.04 5.11 4.47	9.5 9.4 9.4 7.8 8.0	35.1 40.5 34.7 25.3 25.7	2.08 2.15 1.78 1.19 1.26	1540 1440 1200 1080 1080	1.92 0.42 1.34 0.58 0.45	3.11 2.58 0.67 1.55 2.51	10.6 10.4 10.0 10.0 10.5	5.1 5.1 4.8 5.0 5.4	2280 2260 2100 2030 2230
\$029396		5.88	22.1	0.18	0.8	0.046	4.32	9.7	43.6	2.29	1670	0.21	2.12	11.7	5.9	2400
\$029397		5.31	18.80	0.18	0.9	0.050	3.70	9.2	37.2	2.04	1430	0.52	2.59	10.9	5.5	2140
\$029398		4.91	17.65	0.16	0.9	0.038	3.52	8.3	34.9	1.83	1280	0.57	2.91	10.7	5.3	2170
\$029399		4.59	16.90	0.17	0.8	0.043	3.45	8.0	32.0	1.60	1200	0.40	2.80	10.4	5.3	2010
\$029400		0.14	0.43	0.13	0.1	<0.005	0.04	1.3	1.5	4.00	152	<0.05	0.05	0.2	0.2	90



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Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$029377 \$029378 \$029379 \$029380 \$029381		5.7 4.5 3.2 <0.5 2.7	81.6 51.3 51.9 0.4 49.4	<0.002 0.002 0.002 <0.002 <0.002	1.99 1.48 1.06 <0.01 0.98	5.36 6.01 3.05 0.06 1.76	30.3 30.2 30.2 0.3 27.2	1 1 1 1	0.6 0.6 0.6 <0.2 0.6	460 429 504 74.0 413	0.47 0.56 0.55 <0.05 0.52	0.20 0.12 0.12 <0.05 0.09	1.48 1.64 1.70 0.07 1.64	0.295 0.321 0.303 0.005 0.284	2.16 1.49 1.52 0.02 1.45	0.9 1.0 1.0 0.1 1.0
\$029382 \$029383 \$029384 \$029385 \$029386		4.2 3.4 3.4 3.8 2.8	63.9 52.2 63.6 47.3 55.4	<0.002 <0.002 <0.002 <0.002 <0.002	1.03 1.10 1.03 0.84 0.80	3.03 2.01 2.24 2.32 2.02	30.8 28.4 28.9 26.6 26.8	1 1 1 1	0.6 0.5 0.6 0.5 0.6	444 397 434 466 465	0.54 0.50 0.50 0.53 0.50	0.09 0.10 0.09 0.07 0.05	1.95 1.72 1.76 1.62 1.67	0.313 0.298 0.300 0.293 0.287	1.55 1.40 1.61 1.42 1.55	0.9 0.9 0.9 1.0 1.1
S029386CD S029387 S029388 S029389 S029390		2.9 3.1 3.7 3.8 8770	63.5 57.4 76.0 69.3 161.0	<0.002 <0.002 <0.002 <0.002 <0.004	0.83 0.81 0.99 1.17 3.01	2.10 2.48 1.86 2.47 75.0	29.2 27.4 29.0 28.7 12.4	1 1 1 1 3	0.6 0.6 0.6 0.6 3.8	486 502 530 429 147.5	0.54 0.52 0.51 0.50 0.34	0.06 0.09 0.07 0.10 0.26	1.89 1.52 1.75 1.66 3.70	0.299 0.294 0.301 0.296 0.247	1.68 1.82 1.92 1.91 3.02	1.2 1.0 0.8 1.0 2.0
\$029391 \$029392 \$029393 \$029394 \$029395		6.2 5.3 7.1 40.1 9.3	72.8 82.3 161.0 109.5 96.9	<0.002 <0.002 <0.002 <0.002 <0.002	0.92 0.90 1.23 1.57 1.20	2.66 4.07 6.23 7.04 2.64	30.1 29.8 27.6 26.9 27.1	1 1 1 1	0.5 0.5 0.6 0.7 0.6	442 476 341 446 446	0.52 0.50 0.47 0.48 0.50	0.07 0.07 0.06 0.07 0.08	1.99 1.81 1.90 1.51 1.57	0.300 0.296 0.273 0.281 0.277	1.80 2.14 3.06 2.90 2.47	0.9 0.8 0.9 0.9
\$029396 \$029397 \$029398 \$029399 \$029400		7.8 37.9 11.7 7.3 1.8	95.3 85.6 74.9 73.9 1.0	<0.002 <0.002 <0.002 <0.002 <0.002	0.72 0.72 0.65 0.69 <0.01	2.46 3.33 3.24 2.85 0.09	30.9 29.2 27.9 26.9 0.3	1 1 1 1 2	0.5 0.6 0.5 0.6 <0.2	410 430 418 354 64.7	0.56 0.52 0.51 0.50 <0.05	0.09 0.06 0.05 0.07 <0.05	1.85 1.86 1.77 1.71 0.08	0.320 0.300 0.288 0.266 0.008	2.46 2.17 2.04 2.02 0.03	0.8 0.9 0.9 0.9 0.1



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(ALS)									C	ERTIFIC	CATE OF AN	ALYSIS	VA2019031	1
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5			
\$029377 \$029378 \$029379 \$029380 \$029381		270 319 286 3 281	0.5 1.0 0.6 0.1 0.6	10.7 7.4 12.3 2.3 10.4	51 65 61 4 64	22.8 26.6 27.7 8.6 25.2			22.1 22.2 21.7 2.9 22.5	0.5 0.5 0.4 <0.1 0.4	46 46 45 6 47			
\$029382 \$029383 \$029384 \$029385 \$029386		310 306 279 273 257	0.7 0.6 0.5 0.6 0.5	11.7 9.9 11.4 10.2 10.5	80 68 64 66 57	25.6 24.0 25.8 26.1 26.4			21.8 22.2 22.5 22.5 22.2	0.4 0.4 0.5 0.4 0.5	41 41 43 47 43			
S029386CD S029387 S029388 S029389 S029390		270 280 272 280 123	0.5 0.5 0.4 0.4 4.0	11.9 10.2 11.1 10.8 10.0	59 66 54 54 1880	27.5 25.6 24.6 26.9 47.7			22.4 23.0 22.3 22.6 28.9	0.4 0.5 0.5 0.4 0.3	45 47 45 47 81			
\$029391 \$029392 \$029393 \$029394 \$029395		261 274 251 260 260	0.6 0.9 3.2 6.2 0.5	10.6 9.0 9.6 10.2 9.8	62 72 84 336 52	25.7 23.5 20.6 20.2 25.1			20.4 21.1 22.0 22.7 22.2	0.4 0.4 0.4 0.5 0.5	44 44 39 39 43			
\$029396 \$029397 \$029398 \$029399 \$029400		289 287 268 244 3	0.5 0.6 0.7 0.6 0.1	12.0 11.5 10.2 9.4 2.3	77 192 85 57 5	23.8 25.9 26.0 25.2 1.7			20.5 20.2 22.0 22.3 3.1	0.5 0.4 0.4 0.4 0.1	50 48 48 44 44 <5			



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CERTIFICATE	OF		VA201903	11
CERTIFICATE	. UE	ANALISIS	VAZUISUS	

	CERTIFICATE COMMENTS							
		ANALY	TICAL COMMENTS					
Applies to Method:	REEs may not be totally s ME-MS61	soluble in this method.						
		LABOR	ATORY ADDRESSES					
	Processed at ALS Vancou	ıver located at 2103 Dollarton Hwy, No	orth Vancouver, BC, Canada.					
Applies to Method:	Au-AA23	BAG-01	CRU-31	CRU-QC				
	LOG-21	LOG-21d	LOG-23	ME-MS61				
	ME-OG62	Pb-OG62	PUL-32m	PUL-32md				
	PUL-QC	pXRF-34	SPL-21	SPL-21d				
	WEI-21	Zn-OG62						



ALS Canada Ltd. 2103 Dollarton Hwy North Vancouver BC V7H 0A7

Phone: +1 604 984 0221 Fax: +1 604 984 0218

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> 27-JAN-2021 **Account: PREBOW**

## VA20190313

Project: Bowser Regional Project

P.O. No.: BOW-1091

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 31-AUG-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA **COREY JAMES** LEANNE HAWKINS JULIANNE MADSEN KEN MCNAUGHTON STEPHAINE WAFFORN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
PUL-32md	Pulverize 500g-DUP -85%<75um	
LOG-21	Sample logging - ClientBarCode	
CRU-31	Fine crushing - 70% <2mm	
CRU-QC	Crushing QC Test	
PUL-QC	Pulverizing QC Test	
SPL-21	Split sample - riffle splitter	
PUL-32m	Pulverize 500g - 85%<75um	
BAG-01	Bulk Master for Storage	
LOG-23	Pulp Login - Rcvd with Barcode	
LOG-21d	Sample logging - ClientBarCode Dup	
SPL-21d	Split sample - duplicate	

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	YSIS	VA201	90313	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61								
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$038901		4.64	0.043	0.60	7.79	38.1	2770	1.42	0.19	3.73	2.63	20.7	13.9	6	2.60	86.9
\$038902		5.06	0.036	0.68	7.71	42.7	3200	1.44	0.22	4.25	2.56	22.2	14.1	5	2.62	104.0
\$038903		5.70	0.038	0.64	7.92	46.1	3570	1.47	0.30	3.95	5.31	24.4	13.8	5	2.30	61.7
\$038904		5.64	0.067	1.32	7.98	44.5	2910	1.48	0.21	4.27	4.24	23.6	16.1	5	2.37	93.6
\$038905		5.86	0.176	2.36	7.52	35.4	2400	1.30	0.12	4.36	13.45	23.1	11.8	5	3.07	69.7
\$038906 \$038906CD \$038907 \$038908 \$038909		4.90 <0.02 6.56 5.62 7.22	0.022 0.021 0.026 0.047 0.078	0.31 0.34 0.35 0.56 0.81	7.28 7.63 7.55 7.69 7.23	22.4 23.4 39.0 29.0 61.6	2590 2670 3120 3360 2360	1.37 1.39 1.35 1.41 1.32	0.08 0.08 0.10 0.22 0.20	4.39 4.53 4.55 4.44 4.52	1.30 1.38 1.81 5.32 6.64	20.5 21.4 22.7 24.8 18.20	10.9 11.4 13.6 10.3 12.3	5 5 5 5	2.98 3.10 3.13 3.41 4.13	59.8 62.5 66.1 32.9 76.9
\$038910		0.12	1.340	28.0	5.87	361	320	1.29	0.93	0.67	1.65	27.6	14.0	19	8.43	107.0
\$038911		5.10	0.134	1.45	7.42	65.0	2360	1.39	0.16	4.07	2.12	18.15	13.4	5	3.91	81.7
\$038912		5.98	0.101	1.09	7.34	68.2	2760	1.31	0.22	4.81	3.19	18.40	12.9	5	4.55	104.5
\$038913		5.78	0.088	0.89	7.64	50.8	2640	1.38	0.16	4.24	3.91	20.3	13.5	5	4.28	87.0
\$038914		6.22	0.066	0.66	7.52	41.1	3240	1.49	0.16	3.82	5.35	20.9	14.5	6	4.24	64.2
\$038915		5.48	0.082	0.68	7.84	60.5	2870	1.44	0.10	4.40	9.41	23.2	16.1	5	3.72	100.5
\$038916		6.28	0.069	0.73	7.84	41.5	3570	1.27	0.12	4.80	10.35	25.8	12.4	5	4.04	84.2
\$038917		5.80	0.082	1.46	7.08	89.6	1400	1.25	0.16	4.89	5.89	20.0	10.8	5	4.84	229
\$038918		5.92	0.160	4.93	7.30	62.8	1690	1.40	0.28	4.91	41.1	19.75	12.2	5	5.43	683
\$038919		5.78	0.090	1.16	7.79	71.7	1820	1.36	0.17	4.84	3.68	23.0	10.5	4	5.74	95.8
\$038920		0.56	<0.005	0.01	0.11	0.4	20	0.07	0.01	33.8	0.03	1.11	1.2	1	0.08	2.6
\$038921		6.30	0.025	1.07	8.02	32.6	2510	1.19	0.18	5.01	9.63	22.7	10.6	6	4.62	120.5
\$038922		5.42	0.008	0.35	7.43	35.9	3710	1.33	0.14	3.82	0.95	20.6	11.6	6	2.78	46.8
\$038923		6.82	0.008	0.31	7.42	20.3	3540	1.38	0.10	4.28	0.58	20.3	11.8	6	2.95	41.4
\$038924		4.36	0.019	0.43	7.33	21.1	4230	1.43	0.11	4.63	0.48	20.7	11.5	5	3.56	40.6
\$038925		5.20	0.015	0.35	7.58	15.7	3830	1.49	0.15	3.95	0.37	21.1	9.5	5	3.37	26.9
\$038926		5.80	0.013	0.42	7.64	24.4	3080	1.48	0.08	4.43	0.29	20.4	10.6	6	3.32	20.9
\$038926CD		<0.02	0.014	0.38	7.17	22.8	2910	1.40	0.08	4.21	0.29	20.2	10.1	6	3.14	18.2
\$038927		5.52	0.128	0.87	7.80	397	3070	1.49	0.10	2.84	0.53	23.0	8.9	6	4.58	26.3
\$038928		5.82	0.610	4.54	7.01	377	1860	1.46	0.15	2.85	1.10	21.3	9.4	5	6.47	53.0
\$038929		6.22	0.333	3.22	7.03	1195	1920	1.35	0.12	3.34	2.44	18.60	8.9	6	5.17	55.1
\$038930		0.14	0.920	13.25	6.20	302	880	1.20	0.17	3.69	4.58	26.3	11.8	28	7.66	86.0
\$038931		6.20	0.067	2.15	7.45	120.0	1910	1.39	0.25	4.48	4.32	20.4	11.0	6	5.28	84.7
\$038932		6.28	0.123	2.91	6.77	192.5	1450	1.28	0.43	5.39	8.07	20.7	9.1	5	5.27	120.0
\$038933		5.60	0.052	0.94	7.58	81.1	2010	1.34	0.14	5.02	1.82	21.1	9.9	5	4.71	76.8
\$038934		5.30	0.069	0.96	7.31	52.7	3020	1.44	0.25	5.06	1.58	19.75	9.8	5	4.21	97.7
\$038935		4.50	0.051	1.00	7.53	54.3	2300	1.35	0.14	5.01	2.20	20.7	10.2	5	4.58	80.8
\$038936		5.44	0.036	2.54	7.86	42.8	2270	1.38	0.18	3.80	1.89	20.9	10.0	5	4.75	66.3
\$038937		6.72	0.133	3.58	8.09	122.0	1320	1.43	0.27	4.73	3.20	26.1	11.9	5	5.47	118.0
\$038938		5.72	0.078	6.94	7.53	141.5	2050	1.35	0.18	4.75	5.06	22.1	12.5	5	4.13	185.0



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	_YSIS	VA201	90313	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$038901		3.57	20.5	0.18	1.5	0.050	2.66	9.9	19.5	1.02	1380	0.76	2.94	7.8	2.7	1320
\$038902		3.95	19.30	0.15	1.5	0.058	3.17	10.9	19.9	1.05	1500	0.72	2.44	7.8	2.8	1310
\$038903		4.33	20.7	0.17	1.5	0.088	3.19	12.3	21.0	1.11	1620	0.46	2.39	8.0	2.8	1300
\$038904		4.51	20.2	0.16	1.5	0.083	2.89	11.7	20.6	1.11	1800	0.56	2.60	8.0	3.1	1350
\$038905		4.36	19.75	0.14	1.3	0.091	2.73	11.1	17.3	1.03	1600	0.87	2.39	7.8	4.5	1290
\$038906		3.79	19.70	0.13	1.4	0.075	2.66	9.6	18.3	1.04	1560	0.53	2.53	7.5	2.8	1290
\$038906CD		3.91	20.0	0.15	1.4	0.078	2.76	10.3	18.8	1.09	1620	0.56	2.60	7.8	3.4	1320
\$038907		4.21	20.5	0.15	1.4	0.091	3.07	11.1	19.3	1.09	1620	0.46	2.37	8.1	3.2	1310
\$038908		4.10	20.3	0.16	1.3	0.093	3.52	12.5	17.2	1.06	2020	0.48	1.88	7.7	2.9	1300
\$038909		4.03	20.1	0.13	1.4	0.081	3.11	8.4	17.1	1.01	1860	0.49	1.90	7.7	3.1	1290
\$038910		4.50	13.35	0.16	0.9	0.033	2.78	13.3	10.1	0.37	230	4.85	0.19	6.0	13.8	1300
\$038911		4.05	20.2	0.15	1.4	0.077	3.06	8.8	17.5	1.02	1620	0.68	2.04	7.7	3.0	1310
\$038912		4.00	20.2	0.16	1.4	0.077	2.93	8.6	16.8	1.03	1740	0.51	2.00	7.6	2.8	1310
\$038913		4.22	20.8	0.16	1.4	0.078	3.34	9.6	17.8	1.06	1860	0.45	1.89	7.7	3.1	1320
\$038914		4.23	20.6	0.16	1.4	0.079	3.66	9.6	18.6	1.03	1720	0.53	1.95	8.1	3.3	1340
\$038915		4.38	20.3	0.18	1.4	0.072	3.42	10.9	17.8	1.09	1820	0.41	1.94	8.2	3.4	1320
\$038916		4.02	18.95	0.18	1.3	0.068	2.95	13.1	15.9	1.06	1730	0.50	1.72	7.3	2.7	1260
\$038917		4.01	19.60	0.14	1.3	0.083	2.78	9.5	16.4	0.97	1620	0.49	1.54	6.8	2.6	1240
\$038918		3.92	19.70	0.17	1.3	0.091	2.95	9.2	16.7	1.05	1710	0.84	1.54	7.2	2.5	1280
\$038919		3.84	20.1	0.19	1.6	0.077	3.22	10.8	17.9	1.00	1540	1.60	1.55	7.7	2.0	1230
\$038920 \$038921 \$038922 \$038923 \$038924		0.14 4.26 4.09 4.21 4.05	0.38 20.4 19.60 19.90 20.7	0.11 0.15 0.14 0.15 0.16	0.1 1.5 1.3 1.3	<0.005 0.096 0.082 0.089 0.091	0.03 3.49 3.37 3.57 3.76	1.2 11.4 9.4 9.4 9.5	1.2 18.9 14.9 16.1 10.2	2.19 1.11 1.09 1.08 0.96	149 1540 1160 1360 1480	0.06 0.85 0.38 0.45 0.32	0.03 2.05 2.48 2.47 2.29	0.2 8.0 8.0 8.2 8.1	<0.2 2.8 3.1 2.8 3.0	70 1380 1330 1370 1340
\$038925		3.89	20.0	0.19	1.2	0.097	3.87	10.3	9.0	1.01	1340	0.39	2.13	7.8	3.0	1320
\$038926		4.32	19.65	0.17	1.3	0.098	3.45	9.9	10.7	0.98	1300	0.65	2.88	8.0	3.0	1370
\$038926CD		4.08	18.75	0.16	1.3	0.095	3.23	9.3	10.3	0.93	1230	0.50	2.70	7.8	2.9	1290
\$038927		3.27	19.35	0.20	1.3	0.084	3.64	11.8	14.6	0.85	861	0.88	1.93	7.6	2.8	1270
\$038928		3.10	19.00	0.17	1.2	0.085	3.64	11.0	8.7	0.66	750	1.10	0.91	6.5	2.6	1130
\$038929 \$038930 \$038931 \$038932 \$038933		3.24 3.94 3.84 3.70 3.87	18.75 14.55 20.1 19.50 19.45	0.17 0.18 0.17 0.16 0.17	1.2 1.2 1.3 1.3	0.081 0.052 0.101 0.119 0.094	3.37 3.92 3.44 2.96 3.49	9.1 13.4 10.0 9.6 10.4	12.4 13.6 11.8 14.0 15.0	0.69 0.55 1.04 1.00 1.05	859 1380 1500 1700 1540	0.68 10.80 0.39 0.35 0.26	1.40 0.21 1.53 1.42 1.71	6.9 5.7 7.6 6.7 7.6	2.7 21.1 2.9 2.6 2.9	1190 930 1330 1210 1320
\$038934 \$038935 \$038936 \$038937 \$038938		3.73 4.06 3.78 4.18 3.74	21.2 20.8 20.3 20.4 19.50	0.17 0.17 0.18 0.18 0.19	1.3 1.4 1.3 1.4	0.095 0.101 0.100 0.112 0.110	3.39 3.50 3.63 3.04 3.41	9.6 9.6 10.2 13.0 10.9	15.7 17.1 16.2 15.3 16.5	1.01 1.05 1.00 1.08 0.99	1370 1530 1240 1400 1240	0.30 0.30 0.26 0.41 0.76	1.37 1.91 1.80 1.53 1.89	7.6 8.0 7.7 7.2 7.5	2.8 2.8 2.7 2.7 3.0	1310 1390 1360 1360 1280



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	_YSIS	VA201	90313	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$038901 \$038902 \$038903 \$038904 \$038905		119.0 108.0 96.1 113.0 148.0	56.1 70.6 69.7 62.5 60.0	<0.002 <0.002 <0.002 <0.002 <0.002	1.05 1.07 1.01 1.00 1.15	2.71 3.34 3.89 4.38 4.75	14.8 14.8 15.1 15.4 15.5	1 1 1 1	0.7 0.7 0.9 0.9	549 518 681 565 481	0.40 0.41 0.42 0.41 0.38	0.60 0.48 0.54 0.85 1.74	3.61 3.42 3.62 3.62 3.55	0.331 0.337 0.339 0.345 0.331	0.65 0.80 0.82 0.74 0.71	2.2 2.1 2.2 2.3 2.1
S038906 S038906CD S038907 S038908 S038909		72.7 74.3 46.5 40.2 192.0	50.0 55.0 59.7 81.7 70.4	<0.002 <0.002 <0.002 <0.002 <0.002	0.48 0.48 0.68 0.59 1.24	3.40 3.51 3.32 3.61 4.74	14.7 15.2 15.5 15.6 14.8	1 1 1 1 1	0.8 0.8 0.8 0.7	489 505 499 467 298	0.38 0.39 0.39 0.38 0.38	0.14 0.18 0.21 0.50 0.72	3.23 3.44 3.43 3.42 3.22	0.326 0.332 0.343 0.346 0.328	0.70 0.69 0.79 0.97 0.93	2.0 2.1 2.2 2.1 2.0
\$038910 \$038911 \$038912 \$038913 \$038914		51.4 83.3 126.0 71.0 148.0	125.5 68.7 66.6 81.9 82.6	<0.002 <0.002 <0.002 <0.002 <0.002	4.13 1.21 1.47 1.11 0.81	35.7 5.01 5.86 5.06 4.15	14.7 15.2 15.3 15.9 15.9	6 1 1 1	1.8 0.7 0.7 0.8 0.7	136.0 280 253 252 303	0.30 0.39 0.37 0.39 0.41	0.28 0.90 0.60 0.48 0.28	2.63 3.10 3.28 3.43 3.30	0.299 0.329 0.325 0.335 0.346	2.26 0.93 0.98 1.00 1.06	1.0 2.0 2.0 2.2 2.1
\$038915		68.8	87.6	<0.002	0.97	4.77	16.3	1	0.8	333	0.39	0.23	3.58	0.347	1.00	2.2
\$038916		36.2	88.8	<0.002	0.79	5.39	16.1	1	0.8	321	0.35	0.31	3.99	0.316	0.92	2.4
\$038917		554	64.5	<0.002	1.44	7.29	14.4	1	0.7	240	0.34	0.62	3.11	0.303	0.97	2.0
\$038918		3580	69.5	<0.002	1.49	9.19	14.5	2	0.7	275	0.35	1.70	3.14	0.317	0.93	2.0
\$038919		489	84.7	<0.002	1.49	6.21	12.6	1	0.8	238	0.39	0.55	3.50	0.320	1.03	2.1
\$038920 \$038921 \$038922 \$038922 \$038923 \$038924		2.3 296 43.5 23.5 15.2	1.0 78.5 63.4 66.0 88.3	<0.002 <0.002 <0.002 <0.002 <0.002	0.02 0.96 0.48 0.35 0.56	0.09 5.37 3.69 3.64 5.05	0.3 14.7 14.8 14.5 15.0	2 1 1 1 1	<0.2 0.8 0.7 0.7 0.8	80.4 305 639 609 454	<0.05 0.41 0.40 0.41 0.41	<0.05 0.41 0.12 0.07 0.06	0.11 3.54 3.09 3.07 3.19	0.007 0.358 0.346 0.355 0.349	0.02 1.05 0.91 0.97 1.20	0.9 2.1 2.0 2.0 2.3
\$038925		14.7	98.0	<0.002	0.51	5.42	14.7	1	0.7	408	0.39	0.13	3.24	0.337	1.20	2.1
\$038926		16.9	74.1	<0.002	0.82	7.51	14.9	1	0.8	553	0.41	0.07	3.14	0.355	1.40	2.1
\$038926CD		16.5	70.2	<0.002	0.76	7.01	14.0	1	0.8	524	0.38	0.06	3.01	0.332	1.33	2.1
\$038927		27.7	108.5	<0.002	0.60	13.50	15.8	2	0.7	346	0.37	0.10	3.83	0.323	1.15	2.2
\$038928		91.2	111.5	<0.002	1.43	14.70	14.1	3	0.6	139.0	0.32	0.19	3.39	0.273	1.07	2.1
\$038929		133.5	90.1	<0.002	1.36	29.8	13.8	2	0.6	174.5	0.33	0.29	3.01	0.291	0.94	1.9
\$038930		145.5	181.0	0.012	2.81	21.1	12.0	3	1.6	196.0	0.29	0.34	3.41	0.247	3.29	1.8
\$038931		131.5	79.2	<0.002	0.97	8.28	15.1	1	0.6	297	0.38	0.30	3.26	0.333	0.96	2.2
\$038932		299	65.7	<0.002	1.24	9.46	13.7	1	0.7	250	0.34	0.44	2.98	0.293	0.91	1.9
\$038933		57.1	83.9	<0.002	0.77	5.62	14.7	1	0.7	331	0.39	0.12	3.33	0.335	0.96	2.1
\$038934		28.9	82.7	<0.002	0.92	5.92	14.9	1	0.7	364	0.38	0.29	3.17	0.325	1.00	2.1
\$038935		44.2	75.3	<0.002	0.69	4.85	15.0	1	0.8	333	0.40	0.14	3.17	0.342	0.96	2.0
\$038936		111.0	88.8	<0.002	0.65	6.06	15.2	1	0.8	259	0.39	0.15	3.34	0.336	0.99	2.0
\$038937		104.5	87.9	<0.002	1.47	10.45	15.8	2	0.8	223	0.35	0.41	3.79	0.315	0.96	2.2
\$038938		224	86.7	<0.002	1.01	14.65	15.2	2	0.7	260	0.38	0.33	3.48	0.320	0.95	2.1



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(ALS	,								CERTIFICATE OF ANALYSIS VA20190313
									CERTIFICATE OF ANALYSIS VAZUT90313
Sample Description	Method Analyte Units	ME-MS61 V ppm	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61 Zr ppm	pXRF-34 Si %	pXRF-34 Ti %	Zr ppm
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5
S038901		162	1.4	16.4	285	47.4	22.5	0.4	102
S038902		165	1.5	16.4	290	49.3	22.5	0.4	95
S038903 S038904		166 170	1.4 1.7	16.8 16.6	548 411	46.2 45.6	23.4 22.4	0.5 0.4	102 94
S038905		168	1.7	16.5	1190	42.2	22.4	0.4	110
S038906		166	1.2	16.2	169	42.6	22.1	0.4	105
S038906CD		172	1.2	16.6	179	45.2	23.3	0.4	102
S038907		173	1.4	16.8	226	43.8	23.1	0.4	100
S038908		170	1.5	17.1	568	41.8	22.7	0.4	98
S038909		168	1.7	15.0	675	43.6	22.8	0.4	96
S038910		142	2.2	8.8	200	33.2	32.8	0.4	79
S038911		171	1.9	14.4	258	43.9	23.1	0.4	93
S038912		169	2.2	13.7	362	45.1	21.6	0.4	96
S038913 S038914		172 175	2.8 2.6	15.2 15.9	441 587	45.3 45.5	21.5 22.2	0.5 0.4	103 101
S038915 S038916		176 162	1.7 2.4	17.7 15.5	921 970	45.2 42.3	20.9 21.1	0.4 0.5	87 93
S038917		159	1.9	11.4	627	43.0	21.1	0.5	96
S038918		166	2.0	11.4	3800	44.3	22.5	0.4	94
S038919		142	2.2	15.3	408	52.0	22.0	0.4	108
S038920		2	<0.1	2.4	6	2.0	3.4	<0.1	7
S038921		178	3.0	14.1	915	45.1	21.9	0.5	89
S038922		170	1.4	15.8	146	40.1	23.0	0.5	108
S038923		174	1.8	15.3	115	41.1	22.6	0.4	110
S038924		174	7.2	11.6	106	41.0	22.2	0.5	99
S038925 S038926		170 176	7.0 5.4	11.3 11.8	102 101	38.7 43.1	23.3 22.2	0.5 0.4	101 97
S038926CD		166	5.4	11.0	95	40.7	21.3	0.4	95
S038927		160	4.2	11.9	107	41.2	25.6	0.5	100
S038928		145	3.5	10.3	131	39.4	26.5	0.4	88
S038929		153	2.8	9.2	287	39.1	27.4	0.4	90
S038930		106	4.4	9.9	481	43.3	27.0	0.3	82
S038931		170	2.6	11.6	432	42.4	21.6	0.4	96
S038932		159	2.2	11.1	806	40.0	22.1	0.4	87
S038933		172	2.9	11.4	226	40.9	22.3	0.5	106
S038934		171 179	4.8	12.9	211	42.1	22.2 22.1	0.5	105
S038935 S038936		178 175	2.6 3.1	13.9 11.7	261 234	43.3 42.0	22.1	0.4 0.4	94 101
S038937		170	2.3	16.0	383	45.2	22.7	0.4	101
S038938		166	3.6	16.8	531	45.9	22.5	0.4	104
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(ALS)	,								С	ERTIFIC	CATE O	F ANAL	YSIS	VA201	90313	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$038939 \$038940 \$038941 \$038942 \$038943 \$038944		4.46 0.92 6.10 5.48 5.66	0.016 <0.005 0.010 0.036 0.026	1.58 0.02 0.61 0.47 0.49	7.54 0.10 7.72 7.15 7.70	28.6 <0.2 37.4 49.0 38.3	3010 30 3440 3110 3220 3080	1.10 0.09 1.00 0.88 1.23	0.12 0.01 0.08 0.07 0.11	4.34 34.2 3.69 4.44 3.74	1.73 0.02 0.84 0.41 0.43	23.0 1.06 22.3 23.5 21.5	9.5 1.0 9.7 8.3 8.6	6 1 6 5 5	2.94 0.05 2.86 2.66 3.91	95.1 2.2 45.1 36.5 42.8
\$038945 \$038946 \$038946CD \$038947		5.26 6.24 <0.02 5.50 4.90	0.014 0.020 0.020 0.033	0.32 0.53 0.42 0.60	7.63 7.45 7.54 7.78	28.3 34.8 34.0 41.8	3430 3150 3190 3650 2800	1.02 0.94 0.94 0.97	0.10 0.09 0.09 0.14	4.09 4.51 4.48 4.07	0.27 0.15 0.13 0.18	21.3 23.7 22.9 19.65	7.5 9.1 8.9 10.0	5 5 5 5	2.32 2.64 2.64 2.48	20.9 28.9 26.5 23.8
S038949		6.06	0.008	0.22	7.47	40.5	2120	1.37	0.07	4.67	0.23	19.60	11.3	5	3.07	27.1
S038950		0.16	5.57	83.3	6.53	302	1030	1.11	1.17	2.09	22.2	27.0	12.0	23	8.42	117.5
S038951		4.48	0.037	0.64	7.30	37.0	1850	1.52	0.16	4.43	0.48	20.6	12.5	6	2.71	47.9
S038952		5.68	0.013	0.46	7.61	41.5	2690	1.39	0.14	4.73	0.45	21.4	12.1	5	3.23	55.5
\$038953		5.28	0.018	0.38	8.06	30.3	2930	1.45	0.09	3.89	0.32	21.9	11.7	6	3.39	45.9
\$038954		5.72	0.008	0.27	7.39	22.3	2720	1.29	0.08	4.10	0.27	21.6	10.9	5	2.38	41.1
\$038955		4.46	0.007	0.35	7.61	23.4	2840	1.44	0.10	3.75	0.24	22.5	13.2	5	2.40	52.5
\$038956		5.88	0.005	0.24	7.88	18.9	3350	1.51	0.08	4.29	0.11	21.3	11.8	5	1.76	35.3
\$038957		5.62	<0.005	0.23	7.54	14.7	3200	1.45	0.08	4.65	0.23	20.6	9.5	6	0.96	26.6
\$038958		5.68	0.005	0.30	8.20	17.6	3620	1.58	0.13	3.84	0.22	24.4	11.3	6	1.47	43.5
\$038959		6.06	0.006	0.34	8.02	16.4	4020	1.52	0.10	4.16	0.14	21.8	12.1	6	1.53	47.4
\$038960		0.62	<0.005	0.01	0.44	0.3	80	0.09	0.02	34.5	0.02	1.20	1.9	14	0.26	2.4
\$038961		6.60	<0.005	0.22	8.10	17.5	3320	1.36	0.07	4.23	0.19	23.1	11.2	6	1.14	26.2
\$038962		5.26	<0.005	0.30	8.15	15.8	3200	1.41	0.10	3.79	0.33	23.1	10.8	6	0.96	33.7
S038963		7.30	<0.005	0.26	8.00	16.7	3050	1.51	0.08	3.86	0.22	24.1	13.0	5	1.22	43.5
S038964		6.34	0.021	0.27	8.45	20.0	3510	1.59	0.10	4.32	0.31	23.6	12.8	7	1.31	34.0
S038965		4.92	0.007	0.33	7.77	16.8	3790	1.50	0.10	4.04	1.58	21.3	11.5	5	2.06	45.9
S038966		5.80	0.019	0.38	7.97	23.7	4190	1.37	0.15	3.59	0.39	20.8	11.9	6	1.99	46.3
S038966CD		<0.02	0.013	0.36	7.81	22.5	4020	1.31	0.14	3.41	0.39	21.2	11.4	6	1.97	43.6
\$038967		5.70	0.015	0.32	7.68	20.4	4010	1.35	0.11	3.77	0.14	20.6	10.9	6	2.04	47.0
\$038968		5.68	<0.005	0.23	7.99	14.8	3450	1.50	0.09	3.52	0.14	22.2	12.1	6	2.43	46.8
\$038969		5.86	0.034	0.35	7.69	40.8	2990	1.53	0.12	4.37	0.14	21.8	11.7	6	3.00	39.3
\$038970		0.12	1.325	29.0	6.03	387	700	1.36	0.98	0.70	1.69	29.1	14.7	19	9.06	109.5
\$038971		5.68	0.019	0.34	7.59	20.5	3330	1.42	0.11	4.42	0.19	22.2	12.4	6	2.63	51.6
\$038972		6.44	0.037	0.40	7.85	25.6	3260	1.28	0.11	4.56	0.20	25.7	12.7	6	1.91	51.3
\$038973		6.12	0.007	0.42	7.88	19.5	2980	1.71	0.09	3.58	0.27	19.95	10.6	6	1.88	69.9
\$038974		5.80	0.008	0.30	8.24	15.6	3510	1.65	0.12	3.39	0.69	23.8	11.7	6	1.20	44.7
\$038975		6.82	<0.005	0.22	8.61	14.6	3210	1.70	0.14	3.76	0.46	24.6	12.0	7	0.98	39.2
\$038976		6.12	0.008	0.24	8.14	17.8	3380	1.60	0.22	3.75	0.14	22.7	12.0	6	1.48	40.9



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**CERTIFICATE OF ANALYSIS VA20190313** 

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											CAILO	I ANA		VAZOI	30313	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$038939		3.71	18.10	0.19	1.5	0.135	3.88	11.3	16.7	1.07	1210	0.76	2.51	7.6	2.8	1360
\$038940		0.12	0.33	0.12	<0.1	<0.005	0.02	1.2	1.6	2.91	146	0.06	0.03	0.1	0.4	70
\$038941		3.66	18.35	0.18	1.5	0.132	4.33	11.0	14.1	0.90	1080	0.62	2.32	7.6	2.6	1330
\$038942		3.55	17.10	0.16	1.4	0.150	4.04	11.9	14.0	0.90	1110	0.28	2.20	7.1	2.4	1220
\$038943		4.03	20.0	0.16	1.6	0.185	4.05	10.3	17.2	1.05	1070	0.39	2.55	8.6	2.7	1390
S038944 S038945 S038946 S038946CD S038947		3.71 3.74 3.98 3.97 4.01	17.50 17.95 17.50 17.50 16.85	0.17 0.18 0.19 0.19 0.20	1.4 1.5 1.4 1.4	0.142 0.143 0.135 0.137 0.134	3.92 4.28 4.15 4.34 4.81	9.2 10.3 11.7 11.2 9.5	16.4 18.1 19.1 19.0 17.4	0.93 0.97 0.99 0.99 0.95	994 1060 1060 1060 1000	0.41 0.41 0.53 0.66 1.07	2.32 2.51 2.19 2.16 2.03	7.4 7.8 7.4 7.5 7.6	2.4 2.9 2.8 2.7 3.0	1260 1330 1260 1270 1320
S038948		3.80	16.90	0.19	1.3	0.117	4.00	10.3	15.4	1.01	1100	0.54	2.15	7.1	2.8	1230
S038949		3.47	19.20	0.18	1.4	0.138	3.86	9.2	15.4	0.84	1100	0.38	1.88	8.0	3.1	1380
S038950		4.94	13.00	0.18	1.4	1.335	3.89	14.0	13.4	0.50	1230	10.60	0.24	6.0	16.7	1010
S038951		4.03	19.25	0.17	1.4	0.148	3.53	10.1	16.0	0.97	1100	0.22	1.70	7.5	3.0	1290
S038952		3.98	18.95	0.18	1.6	0.131	3.69	10.2	17.0	1.03	1180	0.56	2.61	8.1	3.1	1340
\$038953		3.90	19.10	0.20	1.6	0.125	3.80	10.3	18.2	1.01	1120	0.31	2.92	8.4	2.8	1390
\$038954		3.73	17.85	0.21	1.5	0.100	3.26	10.3	18.9	0.96	1100	0.18	2.87	7.7	2.7	1300
\$038955		4.23	18.70	0.20	1.6	0.103	3.03	10.8	22.1	1.06	1080	0.27	2.95	7.9	3.1	1310
\$038956		4.29	19.50	0.19	1.6	0.112	3.31	10.1	25.2	1.03	1140	0.41	3.34	8.4	3.3	1410
\$038957		4.13	20.3	0.19	1.5	0.136	3.12	9.6	19.3	0.98	1100	0.46	3.38	8.1	2.6	1360
\$038958		4.30	20.5	0.22	1.5	0.137	3.66	12.0	24.5	1.07	1060	0.64	3.09	8.4	3.1	1410
\$038959		4.54	21.2	0.19	1.6	0.153	4.26	9.9	23.0	1.11	1140	0.46	2.82	8.8	3.2	1440
\$038960		0.29	0.91	0.10	0.1	0.006	0.17	1.3	4.1	2.27	162	0.05	0.08	0.2	3.6	90
\$038961		4.19	19.90	0.17	1.5	0.140	3.41	10.9	20.1	1.07	1130	0.31	3.30	8.3	2.7	1430
\$038962		4.25	18.90	0.17	1.5	0.126	3.23	11.2	14.6	1.14	1100	0.54	3.44	8.3	3.1	1420
\$038963		4.26	20.3	0.19	1.6	0.103	3.09	11.4	13.3	1.13	1080	0.36	3.28	8.2	3.0	1350
\$038964		4.65	19.70	0.18	1.6	0.110	3.53	10.8	22.3	1.21	1220	0.36	3.32	8.9	3.2	1530
\$038965		4.25	19.60	0.17	1.6	0.108	3.75	9.9	19.7	1.07	1180	0.47	2.78	8.0	3.1	1370
\$038966		4.16	19.05	0.20	1.6	0.119	4.42	9.6	24.0	1.08	1120	0.71	2.76	8.4	3.1	1400
\$038966CD		4.00	18.10	0.19	1.5	0.114	4.32	10.1	22.1	1.05	1080	0.68	2.64	7.9	3.0	1360
\$038967 \$038968 \$038969 \$038970 \$038971		3.86 4.15 4.13 4.58 3.98	19.50 19.45 19.25 13.35 18.80	0.20 0.20 0.19 0.21 0.19	1.5 1.5 1.5 1.0	0.136 0.124 0.133 0.036 0.098	4.35 3.68 3.53 2.83 3.64	9.6 10.4 10.6 14.0 10.4	18.3 15.0 17.0 10.7 18.4	1.08 1.25 1.14 0.37 1.09	1020 1040 1080 237 1110	0.66 0.46 1.17 5.15 0.54	2.65 2.87 2.75 0.20 2.80	8.3 8.3 7.8 6.1 8.0	2.8 3.2 2.9 14.8 3.0	1390 1400 1360 1330 1350
\$038972		4.22	18.70	0.21	1.5	0.112	3.60	12.8	20.9	1.10	1230	0.71	3.00	7.8	2.9	1350
\$038973		3.64	21.3	0.12	1.3	0.139	3.41	9.9	20.8	1.06	1040	2.48	3.24	8.4	6.1	1360
\$038974		4.37	20.8	0.14	1.6	0.170	3.56	11.8	16.4	1.18	1130	0.45	3.28	8.5	3.7	1420
\$038975		4.33	21.2	0.15	1.6	0.146	3.28	12.3	14.1	1.26	1080	0.36	3.73	8.8	3.3	1470
\$038976		4.08	20.5	0.13	1.5	0.119	3.39	11.6	17.9	1.16	964	0.48	3.19	8.4	3.2	1370



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**CERTIFICATE OF ANALYSIS VA20190313** 

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Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$038939		110.0	78.8	<0.002	0.44	4.68	14.7	1	0.7	300	0.42	0.13	3.34	0.339	0.96	2.1
S038940		1.0	0.7	<0.002	0.01	0.15	0.2	1	<0.2	80.1	< 0.05	<0.05	0.09	0.005	<0.02	0.1
S038941		52.2	89.2	<0.002	0.38	3.72	13.6	1	0.8	265	0.42	0.08	3.46	0.340	1.07	2.2
S038942 S038943		34.9	84.9	<0.002	0.56	3.63	13.0	1	0.8	234	0.39	0.09	3.40	0.310	1.03	2.1 2.4
		28.2	83.9	<0.002	0.67	4.03	14.9	Į.	1.1	282	0.45	0.21	3.41	0.363	1.08	
S038944		32.8	79.6	<0.002	0.57	3.99	13.3	1	1.0	258	0.40	0.07	3.12	0.331	1.02	2.1
S038945		24.8	87.4	<0.002	0.46	2.96	14.1	1	1.0	350	0.41	0.06	3.37	0.345	1.03	2.1
S038946		15.9	89.3	<0.002	0.66	3.74	13.8	1	0.9	272	0.39	0.07	3.43	0.321	1.08	2.1
S038946CD		16.1	93.6	<0.002	0.63	3.29	13.6	1	0.9	271	0.39	0.07	3.47	0.323	1.09	2.2
S038947		15.8	101.5	<0.002	0.90	4.37	14.5	1	8.0	344	0.41	0.11	3.56	0.339	1.23	2.2
S038948		6.2	93.8	<0.002	0.33	3.67	14.1	1	8.0	351	0.37	0.07	3.67	0.309	0.91	2.1
S038949		9.7	73.7	< 0.002	0.30	5.64	14.0	1	1.1	513	0.43	0.06	3.07	0.349	1.00	2.1
S038950		9080	169.5	0.009	3.11	76.6	12.6	3	3.9	149.5	0.35	0.26	3.84	0.255	3.29	2.1
S038951		17.6	75.6	<0.002	1.00	6.09	13.9	1	1.1	481	0.39	0.32	3.01	0.332	0.98	2.1
S038952		24.9	85.8	<0.002	0.58	4.29	14.6	1	0.9	369	0.44	0.12	3.26	0.350	0.99	2.2
S038953		20.0	86.3	<0.002	0.60	3.54	15.5	1	1.0	341	0.44	0.17	3.51	0.365	0.92	2.3
S038954		12.8	73.9	< 0.002	0.40	2.88	14.2	1	1.0	371	0.40	0.07	3.26	0.336	0.79	2.0
S038955		13.0	65.4	< 0.002	0.50	2.88	14.7	1	1.0	484	0.42	0.12	3.32	0.344	0.71	2.2
S038956		6.9	60.5	< 0.002	0.30	2.79	15.2	1	1.0	596	0.44	0.05	3.37	0.361	0.75	2.4
S038957		9.5	48.9	<0.002	0.28	3.95	14.2	1	1.1	795	0.43	0.05	3.01	0.354	0.69	2.2
S038958		11.5	73.7	<0.002	0.48	3.36	15.8	1	1.2	579	0.45	0.08	3.56	0.365	0.84	2.2
S038959		9.6	72.9	< 0.002	0.41	3.35	15.5	1	1.5	640	0.45	0.06	3.20	0.376	0.99	2.3
S038960		2.2	5.3	< 0.002	0.01	0.06	2.4	1	0.2	86.9	< 0.05	< 0.05	0.10	0.021	0.09	0.1
S038961		9.6	58.2	< 0.002	0.20	3.46	14.6	1	1.1	758	0.45	< 0.05	3.44	0.372	0.73	2.2
S038962		10.8	55.4	<0.002	0.33	4.00	14.7	1	1.0	796	0.43	<0.05	3.43	0.365	0.70	2.2
S038963		7.9	58.1	<0.002	0.29	3.66	14.7	1	1.1	740	0.44	<0.05	3.56	0.353	0.69	2.2
S038964		13.7	57.9	< 0.002	0.36	3.68	15.4	1	1.1	763	0.46	0.08	3.50	0.391	0.79	2.2
S038965		31.2	71.6	< 0.002	0.27	2.49	14.4	1	1.2	641	0.44	0.07	3.25	0.355	0.87	2.2
S038966		15.4	84.3	< 0.002	0.53	2.58	15.1	1	1.4	460	0.45	0.10	3.44	0.368	1.08	2.4
S038966CD		14.4	86.6	<0.002	0.50	2.48	14.7	1	1.4	444	0.42	0.10	3.40	0.353	1.01	2.3
S038967		10.5	79.9	<0.002	0.55	2.66	14.6	1	1.5	496	0.43	0.11	3.18	0.356	1.07	2.3
S038968		8.0	76.3	< 0.002	0.37	2.82	15.1	1	1.3	692	0.44	0.06	3.27	0.362	0.90	2.2
S038969		10.5	75.2	< 0.002	0.99	3.13	14.8	1	1.1	498	0.43	0.19	3.25	0.349	0.91	2.4
S038970		53.2	134.5	< 0.002	4.20	36.6	15.1	6	1.8	142.5	0.33	0.30	2.81	0.298	2.39	1.0
S038971		8.1	74.0	<0.002	0.62	2.82	14.4	1	1.0	569	0.43	0.09	3.31	0.350	0.86	2.1
S038972		10.9	74.8	<0.002	0.53	2.38	15.0	1	1.0	474	0.42	0.08	3.58	0.347	0.81	2.3
S038973		14.5	73.1	< 0.002	0.53	4.37	16.6	1	0.9	495	0.43	0.08	3.47	0.346	0.77	2.1
S038974		17.3	69.9	< 0.002	0.59	3.76	16.9	1	1.3	710	0.44	0.09	3.58	0.356	0.75	2.2
S038975		9.9	62.1	<0.002	0.39	4.75	17.7	1	1.3	804	0.45	0.12	3.83	0.377	0.64	2.2
S038976		7.1	72.1	<0.002	0.66	3.37	16.7	1	1.1	690	0.43	0.18	3.55	0.353	0.71	2.0
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To: PRETIVM
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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$038939 \$038940 \$038941 \$038942 \$038943		171 2 168 153 174	4.7 <0.1 7.2 6.3 5.0	15.5 2.3 14.2 14.8 12.5	215 5 124 79 81	45.6 1.6 45.0 41.7 47.8	22.7 3.6 23.8 21.6 22.6	0.4 0.1 0.5 0.5	101 7 99 100 98
S038944		161	4.9	11.7	80	42.3	23.8	0.4	94
S038945		165	4.2	13.9	76	44.0	23.1	0.5	98
S038946		157	5.2	12.2	71	43.0	22.6	0.5	88
S038946CD		157	5.2	12.5	70	42.5	22.1	0.5	87
S038947		165	4.8	11.2	67	45.6	22.9	0.5	94
\$038948		157	4.6	12.0	69	41.0	21.6	0.4	91
\$038949		174	6.8	11.9	72	45.1	21.8	0.4	97
\$038950		128	4.3	10.3	1940	47.1	27.4	0.3	78
\$038951		172	9.2	11.9	96	41.0	22.9	0.4	105
\$038952		168	3.9	10.5	82	47.0	22.5	0.5	109
\$038953		177	5.0	15.3	75	50.4	23.1	0.5	91
\$038954		160	3.9	16.3	75	47.1	22.4	0.5	101
\$038955		166	2.2	15.9	80	47.2	22.8	0.5	96
\$038956		178	2.3	15.9	76	48.9	21.7	0.5	97
\$038957		176	1.2	15.5	71	46.3	23.2	0.5	99
\$038958		180	1.2	17.6	72	43.9	21.0	0.5	112
\$038959		185	1.4	17.1	74	46.5	22.6	0.5	100
\$038960		15	0.1	2.6	5	2.8	4.1	<0.1	7
\$038961		183	1.4	17.4	82	44.5	23.0	0.5	101
\$038962		175	1.2	17.2	73	44.0	24.0	0.5	101
\$038963		173	0.8	17.3	67	48.1	23.5	0.5	106
\$038964		180	1.5	17.9	85	46.6	23.7	0.5	102
\$038965		175	1.0	16.1	189	47.2	23.3	0.5	100
\$038966		177	2.4	16.1	95	48.7	23.2	0.5	108
\$038966CD		170	2.4	15.7	90	45.3	22.7	0.5	102
\$038967 \$038968 \$038969 \$038970 \$038971		174 178 173 144 168	2.1 1.4 1.8 2.4 1.8	14.6 16.2 16.4 9.5 16.9	70 67 63 203 61	46.1 47.3 45.5 32.8 46.2	23.2 23.1 22.8 31.9 22.5	0.5 0.5 0.4 0.4	102 101 96 79 91
\$038972 \$038973 \$038974 \$038975 \$038976		169 175 174 183 173	2.7 2.3 1.4 1.1 1.3	17.3 16.1 17.2 18.1 17.1	69 67 93 78 64	45.8 38.4 46.2 45.7 44.4	21.8 22.9 23.6 22.4 22.2	0.5 0.4 0.5 0.5	102 104 108 119 111



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**CERTIFICATE OF ANALYSIS VA20190313** 

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Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61									
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$038977		6.50	0.012	0.28	8.11	22.8	3860	1.63	0.20	3.27	0.20	22.9	12.7	6	1.52	47.4
\$038978		4.82	0.032	0.21	8.15	15.2	4580	1.61	0.17	3.66	0.09	20.5	11.8	6	1.31	45.4
\$038979		4.86	0.009	0.23	7.87	21.4	3620	1.59	0.12	3.65	0.19	20.2	13.0	7	1.87	39.6
\$038980		1.16	<0.005	0.01	0.08	0.4	30	0.06	0.01	34.4	<0.02	1.05	1.1	1	<0.05	1.9
\$038981		4.90	0.090	0.32	8.02	33.4	3040	1.67	0.12	4.15	0.82	22.8	14.6	6	2.55	33.9
\$038982 \$038983 \$038984 \$038985 \$038986		6.58 5.54 5.86 5.80 5.70	0.005 0.060 0.055 0.038 0.009	0.27 0.55 0.49 0.28 0.33	8.14 7.64 7.33 8.17 8.30	23.0 255 117.5 16.9 20.4	3330 3120 2860 2970 3550	1.54 1.46 1.47 1.57 1.64	0.07 0.06 0.14 0.22 0.07	3.71 4.46 5.23 3.78 3.71	0.19 0.36 0.41 0.11 0.18	21.9 21.4 22.6 21.7 22.2	15.6 11.9 10.2 14.7 15.6	6 5 5 6	2.11 3.17 3.04 2.05 1.48	62.6 55.3 78.3 63.3 85.5
S038986CD		<0.02	0.008	0.30	8.34	20.5	3560	1.67	0.07	3.63	0.15	22.8	15.7	6	1.52	90.0
S038987		6.08	0.018	0.31	8.52	17.0	3190	1.58	0.11	3.79	0.24	24.3	18.1	6	1.01	76.7
S038988		7.02	0.020	0.32	8.15	24.6	2890	1.53	0.07	3.94	0.62	23.0	16.0	8	1.31	57.4
S038989		6.72	0.011	0.37	7.70	17.2	3130	1.50	0.05	3.83	0.28	19.25	14.0	5	1.54	69.3
S038990		0.16	1.035	13.40	6.53	330	1070	1.20	0.17	3.88	4.60	25.6	11.7	28	7.25	84.2
\$038991		5.70	0.209	1.23	7.64	231	2620	1.49	0.07	3.89	0.18	21.4	10.4	6	2.54	52.8
\$038992		5.98	0.073	1.02	8.05	66.5	3220	1.42	0.09	3.38	0.30	21.6	15.5	7	2.44	93.8
\$038993		5.66	0.015	0.82	8.27	29.3	3930	1.32	0.06	3.83	0.19	24.2	15.6	6	1.95	98.5
\$038994		4.64	0.086	1.96	8.00	66.1	530	1.31	0.29	3.09	0.10	21.2	28.9	17	2.10	223
\$038995		1.74	0.020	1.89	8.03	20.7	2300	1.60	0.16	3.59	0.09	18.65	12.9	57	2.45	286
\$038996 \$038997 \$038998 \$038999 \$039000		4.60 5.20 Not Recvd 5.82 0.96	0.010 0.060 0.045 <0.005	0.26 0.63 0.65 0.01	8.43 7.57 8.64 0.21	12.0 42.9 38.7 0.5	1800 1810 1330 30	2.59 1.11 1.45 0.07	0.12 0.21 0.07 0.01	3.33 4.02 2.91 33.4	0.02 0.07 0.04 <0.02	9.53 17.80 18.25 0.97	10.1 11.4 17.9 1.4	37 32 39 5	5.01 2.03 1.92 0.11	14.2 81.5 160.0 6.5



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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$038977		4.16	20.4	0.14	1.5	0.119	3.73	11.3	16.1	1.21	916	0.39	2.89	8.2	3.3	1360
\$038978		4.28	21.1	0.13	1.4	0.142	4.24	10.0	12.7	1.20	895	0.31	3.09	8.5	3.1	1410
\$038979		4.23	20.6	0.14	1.5	0.123	3.77	9.8	19.0	1.16	969	0.31	3.00	8.2	3.0	1380
\$038980		0.10	0.26	0.06	<0.1	<0.005	0.02	1.2	0.9	2.15	145	0.05	0.03	0.1	<0.2	90
\$038981		4.34	20.3	0.11	1.5	0.152	3.55	11.6	21.1	1.16	1070	0.29	2.72	8.1	3.3	1380
\$038982		4.46	20.5	0.12	1.6	0.124	3.59	10.8	21.2	1.16	1060	0.32	3.09	8.5	3.2	1420
\$038983		4.21	20.4	0.11	1.5	0.167	3.98	10.9	19.7	1.01	1060	0.40	2.24	8.1	3.0	1320
\$038984		3.82	18.45	0.12	1.4	0.106	4.33	11.4	19.1	0.96	1070	0.39	2.02	7.6	2.7	1300
\$038985		3.82	20.2	0.14	1.5	0.104	4.00	10.8	18.8	1.16	824	0.42	2.95	8.3	2.9	1400
\$038986		4.03	21.6	0.14	1.6	0.124	3.85	11.1	16.7	1.22	901	0.46	3.22	8.7	4.2	1450
S038986CD		3.96	21.9	0.15	1.5	0.123	3.92	11.3	16.9	1.22	892	0.42	3.21	8.9	4.1	1430
S038987		4.27	20.4	0.15	1.5	0.120	3.43	12.6	15.5	1.21	979	3.16	3.47	8.4	3.3	1420
S038988		4.31	20.1	0.14	1.6	0.111	3.20	11.8	17.7	1.14	1010	0.51	3.30	8.2	3.6	1400
S038989		4.20	19.65	0.13	1.5	0.134	3.54	9.4	21.2	1.09	1010	0.33	3.09	8.0	3.1	1360
S038990		4.14	13.85	0.13	1.3	0.046	4.08	13.3	14.3	0.58	1460	9.96	0.22	5.5	21.1	970
\$038991		4.18	19.55	0.13	1.5	0.121	3.68	10.6	20.5	0.98	914	3.39	2.49	7.5	3.0	1300
\$038992		4.30	19.85	0.15	1.5	0.151	4.11	10.8	21.3	1.02	916	1.76	2.69	8.1	3.4	1340
\$038993		4.49	20.5	0.15	1.5	0.210	4.86	12.5	23.2	1.10	1040	0.39	2.75	8.2	3.6	1410
\$038994		5.56	20.4	0.15	1.4	0.160	5.67	10.2	23.3	1.25	879	3.30	1.82	8.9	20.4	1620
\$038995		3.40	18.05	0.15	1.1	0.098	4.07	9.5	21.9	1.30	878	4.57	2.87	9.8	29.3	1550
\$038996 \$038997 \$038998 \$038999 \$039000		3.83 3.39 4.65 0.15	25.7 15.60 21.7 0.58	0.14 0.15 0.15 0.08	1.0 0.9 1.0 0.1	0.056 0.092 0.090 <0.005	4.46 3.69 2.84 0.09	4.1 9.7 9.6 1.1	27.8 16.9 24.5 2.2	1.68 1.00 1.32 2.40	903 768 797 136	2.61 1.86 4.60 0.06	2.30 2.80 3.92 0.06	12.3 8.1 10.1 0.2	24.3 23.3 24.8 1.2	1410 1270 1720 70



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20190313** 

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$038977		8.1	80.6	<0.002	0.77	3.59	16.8	1	1.1	702	0.42	0.24	3.57	0.349	0.80	2.0
\$038978		6.9	80.8	<0.002	0.76	3.22	16.4	1	1.3	719	0.43	0.14	3.29	0.367	0.86	2.1
\$038979		7.0	74.3	<0.002	0.45	2.85	15.9	1	1.2	634	0.42	0.12	3.11	0.359	0.81	1.9
\$038980		0.5	0.4	<0.002	0.01	0.07	0.2	2	<0.2	84.2	<0.05	<0.05	0.06	0.005	<0.02	0.1
\$038981		13.8	87.7	<0.002	1.11	3.50	16.0	1	1.3	560	0.42	0.35	3.48	0.358	0.89	2.2
\$038982		8.1	72.5	<0.002	0.48	3.25	16.2	1	1.2	637	0.44	0.07	3.38	0.367	0.83	2.1
\$038983		9.8	97.5	<0.002	0.90	8.91	15.6	1	1.5	515	0.41	0.06	3.45	0.346	0.97	2.1
\$038984		10.0	108.5	0.003	1.34	5.53	15.0	2	1.4	426	0.39	0.14	3.26	0.327	1.10	2.0
\$038985		7.2	96.6	<0.002	1.34	2.99	16.3	2	1.4	568	0.44	0.15	3.48	0.367	0.95	2.1
\$038986		6.1	76.1	<0.002	0.55	3.65	16.4	1	1.5	734	0.45	0.09	3.38	0.375	0.85	2.1
S038986CD		5.6	80.8	<0.002	0.52	3.54	16.6	1	1.5	727	0.44	0.08	3.44	0.373	0.85	2.2
S038987		7.2	69.9	0.080	0.90	5.06	16.8	1	1.6	799	0.43	0.17	3.72	0.368	0.72	2.1
S038988		12.3	68.8	<0.002	0.77	3.50	16.2	1	1.6	702	0.43	0.17	3.48	0.353	0.72	2.0
S038989		13.7	64.7	<0.002	0.54	1.96	14.6	1	1.9	563	0.42	0.09	2.95	0.355	0.80	2.0
S038990		154.5	185.0	0.009	2.95	20.0	12.2	3	1.5	205	0.30	0.34	3.35	0.259	3.14	1.8
\$038991		13.8	98.0	0.071	1.44	4.38	15.7	2	1.8	393	0.40	0.25	3.41	0.336	0.91	2.1
\$038992		12.6	102.5	0.021	1.34	2.68	16.8	2	1.9	364	0.41	0.18	3.70	0.354	1.00	2.2
\$038993		8.4	106.0	0.002	0.86	1.85	16.9	1	2.2	366	0.43	0.09	3.73	0.363	1.09	2.5
\$038994		12.2	112.0	0.005	2.82	3.78	18.8	3	1.8	297	0.44	0.36	2.72	0.380	1.41	1.9
\$038995		5.1	114.0	0.008	1.21	4.07	12.8	1	0.8	273	0.55	0.14	1.73	0.352	1.06	0.8
\$038996 \$038997 \$038998 \$038999 \$039000		4.1 7.0 3.7 0.5	129.0 112.5 85.7 3.2	0.012 0.011 0.007 <0.002	0.65 1.68 1.30 <0.01	2.74 2.61 2.31 0.06	10.1 10.5 11.7 0.8	1 2 2 1	0.5 0.7 0.7 <0.2	232 262 254 81.2	0.76 0.46 0.61 <0.05	0.13 0.16 0.26 <0.05	1.28 1.63 1.69 0.08	0.331 0.289 0.354 0.010	1.38 0.92 0.88 0.04	0.6 0.8 0.7 0.1



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(ALS)									CERTIFICATE OF ANALYSIS VA20190313
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$038977		169	1.0	16.8	63	44.7	23.5	0.5	99
\$038978		174	1.2	16.2	52	42.0	23.2	0.5	111
\$038979		175	1.4	15.6	62	43.3	23.1	0.5	111
\$038980		2	<0.1	2.2	6	1.5	2.9	0.1	7
\$038981		174	1.6	16.0	99	44.6	22.1	0.5	104
\$038982		180	1.2	16.5	71	47.1	23.0	0.5	101
\$038983		168	1.4	16.4	72	45.3	23.4	0.5	97
\$038984		162	3.8	17.9	70	40.9	22.6	0.4	96
\$038985		174	1.6	16.3	46	45.3	23.2	0.5	102
\$038986		183	1.4	17.3	48	46.1	23.2	0.5	114
S038986CD		180	1.3	17.6	46	46.4	22.3	0.5	103
S038987		177	1.1	17.5	55	46.4	23.2	0.5	114
S038988		170	1.3	16.6	78	45.4	23.2	0.4	111
S038989		171	1.3	14.7	70	44.2	22.7	0.5	109
S038990		111	4.7	9.5	500	41.5	27.1	0.4	79
\$038991		164	2.3	15.4	56	41.0	23.4	0.4	90
\$038992		171	2.5	15.6	66	44.8	22.8	0.5	106
\$038993		173	3.3	17.4	57	43.7	21.5	0.5	99
\$038994		209	3.8	16.0	51	42.4	23.1	0.5	81
\$038995		171	2.8	13.8	42	33.4	24.4	0.4	92
\$038996 \$038997 \$038998 \$038999 \$039000		135 120 173 5	1.8 3.0 2.2 <0.1	10.7 13.5 12.8 2.3	47 33 41 3	31.9 27.4 30.4 3.3	22.2 25.6 22.3 3.3	0.4 0.4 0.4 <0.1	117 90 99 13



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CERTIFICATE	OF ANALISIS	VAZUIBUSIS

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		CERTIFICATE COM	IMENTS	
		ANALY	TICAL COMMENTS	
	REEs may not be totally soluble in		TICAL COMMENTS	
Applies to Method:	ME-MS61	in this method.		
		LABOR	ATORY ADDRESSES	
	Processed at ALS Vancouver loca			
Applies to Method:	Au-AA23	BAG-01	CRU-31	CRU-QC
	LOG-21	LOG-21d	LOG-23	ME-MS61
	PUL-32m SPL-21	PUL-32md SPL-21d	PUL-QC WEI-21	pXRF-34
	3FL-21	SFL-21u	WLI-Z I	



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Account: PREBOW

## VA20192536

Project: Bowser Regional Project

P.O. No.: BOW-1094

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 1-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
KEN MCNAUGHTON	STEPHAINE WAFFORN	

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
PUL-32md	Pulverize 500g-DUP -85%<75um	
LOG-21	Sample logging - ClientBarCode	
CRU-31	Fine crushing - 70% <2mm	
CRU-QC	Crushing QC Test	
PUL-QC	Pulverizing QC Test	
SPL-21	Split sample - riffle splitter	
PUL-32m	Pulverize 500g - 85%<75um	
BAG-01	Bulk Master for Storage	
LOG-23	Pulp Login - Rcvd with Barcode	
LOG-21d	Sample logging - ClientBarCode Dup	
SPL-21d	Split sample - duplicate	

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	92536	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029401		5.82	<0.005	1.32	7.89	38.1	3930	0.69	0.03	3.66	0.17	18.00	14.6	7	1.19	141.0
\$029402		5.82	<0.005	0.77	7.95	46.0	3940	0.89	0.02	3.21	0.13	17.35	14.4	7	1.26	117.5
\$029403		5.30	<0.005	0.54	8.19	30.9	3770	0.92	0.03	2.82	0.11	17.15	14.0	6	1.22	117.5
\$029404		5.28	<0.005	0.29	7.66	19.6	3360	0.90	0.03	3.13	0.15	15.50	14.3	9	1.36	113.0
\$029405		5.78	<0.005	0.29	7.73	9.4	3780	0.90	0.03	4.14	0.14	17.85	14.8	11	1.71	136.5
\$029406		5.74	<0.005	0.20	7.93	15.1	3750	1.00	0.02	3.96	0.10	16.65	14.0	12	1.24	130.0
\$029406CD		<0.02	<0.005	0.19	7.59	15.1	3740	1.01	0.02	4.03	0.11	15.50	14.7	11	1.23	125.0
\$029407		6.24	<0.005	0.22	7.76	11.4	3210	0.97	0.02	2.84	0.11	15.35	13.9	12	1.18	125.5
\$029408		5.72	<0.005	0.21	7.68	13.9	3180	0.94	0.02	2.92	0.13	15.40	14.3	11	1.18	123.0
\$029409		5.68	<0.005	0.31	7.80	41.2	2530	0.99	0.02	3.98	0.43	15.70	13.1	10	1.97	124.5
\$029410		0.12	1.405	28.3	5.78	384	270	1.17	0.89	0.66	1.79	28.1	13.1	18	7.97	111.5
\$029411		6.48	<0.005	0.29	7.45	21.7	2720	0.92	0.03	2.92	0.20	14.35	14.2	10	1.47	137.0
\$029412		6.18	<0.005	0.31	7.59	25.8	1770	0.86	0.04	2.98	1.45	16.25	14.0	14	1.67	142.0
\$029413		6.48	<0.005	0.29	7.67	12.3	2800	1.05	0.04	2.84	0.14	15.35	14.0	12	1.45	129.5
\$029414		6.78	<0.005	0.26	7.57	11.9	2900	0.86	0.04	3.32	0.11	17.20	14.1	12	1.53	129.5
\$029415		5.72	<0.005	0.24	7.44	8.1	2910	0.84	0.03	2.71	0.10	14.35	14.1	12	1.80	140.0
\$029416		6.12	<0.005	0.25	7.46	7.4	2860	0.88	0.03	3.57	0.11	16.00	12.6	12	2.72	123.5
\$029417		6.32	0.006	0.59	6.72	42.0	1970	0.92	0.09	4.66	0.48	12.70	12.9	11	6.57	128.0
\$029418		5.20	0.005	0.60	7.45	119.5	2550	0.75	0.03	5.53	0.17	14.60	12.3	9	5.25	128.0
\$029419		6.22	<0.005	0.44	7.47	27.9	3280	0.84	0.03	4.08	0.10	16.30	13.3	11	3.16	171.5
\$029420		1.86	<0.005	0.01	0.09	0.3	30	0.05	0.01	31.3	0.02	0.89	0.7	1	0.11	1.0
\$029421		5.56	<0.005	0.43	7.36	59.0	2990	0.80	0.04	4.04	0.28	16.45	13.1	10	2.46	145.0
\$029422		5.68	<0.005	0.37	7.24	37.6	2860	0.94	0.03	2.50	0.64	15.15	12.8	12	4.56	113.0
\$029423		5.70	<0.005	0.35	7.09	20.9	3330	0.92	0.03	2.90	0.29	15.05	12.5	12	3.44	113.0
\$029424		5.78	<0.005	0.67	6.69	44.1	2790	0.89	0.04	3.66	0.39	12.25	13.6	10	3.30	117.0
\$029425		5.40	<0.005	0.59	7.42	40.2	2370	0.86	0.03	3.44	0.83	13.75	11.6	10	4.31	109.5
\$029426		5.16	0.008	4.50	7.23	68.8	2200	0.90	0.05	3.93	4.14	13.20	11.5	10	3.66	135.5
\$029426CD		<0.02	0.007	4.68	7.04	65.3	2150	0.86	0.05	3.90	4.26	12.90	11.0	11	3.52	132.5
\$029427		5.02	0.080	9.35	7.17	4360	1040	0.92	0.07	3.83	2.50	13.75	14.9	10	2.00	146.5
\$029428		5.88	0.008	3.76	7.45	709	2270	0.96	0.06	3.37	1.35	13.00	13.1	11	2.18	123.5
\$029429		6.02	<0.005	0.80	7.81	29.3	3540	0.75	0.08	1.99	0.77	13.90	12.6	13	1.36	129.5
\$029430		0.16	1.035	13.70	6.07	316	620	0.95	0.18	3.68	4.45	22.6	10.0	27	6.61	80.8
\$029431		6.16	<0.005	1.11	7.80	15.9	1640	0.81	0.07	2.49	0.66	15.80	13.8	11	1.21	131.0
\$029432		6.54	<0.005	0.56	8.13	13.7	3150	0.77	0.07	2.10	1.46	17.85	13.1	13	1.00	130.5
\$029433		6.30	<0.005	0.48	8.40	20.7	3260	0.90	0.06	2.40	0.46	18.10	14.8	14	1.26	150.0
\$029434		5.58	<0.005	0.46	7.58	9.4	3920	0.86	0.05	2.79	0.19	13.65	13.2	11	1.07	130.5
\$029435		5.06	<0.005	0.47	8.02	24.3	2570	0.77	0.06	2.45	0.38	16.45	13.6	12	1.17	142.0
\$029436		5.82	<0.005	0.51	8.01	160.0	2930	0.84	0.06	1.61	0.51	13.60	15.0	12	1.41	158.5
\$029437		4.40	<0.005	0.39	7.32	117.0	1670	0.64	0.03	4.88	0.16	13.20	10.9	10	1.35	132.0
\$029438		4.32	0.005	0.41	7.91	122.0	3280	0.85	0.04	4.05	0.49	17.95	13.0	12	1.63	138.5



To: PRETIVM
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(ALS)	,								С	ERTIFIC	CATE O	F ANAL	YSIS	VA201	92536	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029401 \$029402 \$029403 \$029404 \$029405		4.89 4.58 4.95 4.88 4.91	16.15 15.00 16.80 16.00 15.35	0.10 0.13 0.11 0.12 0.13	0.8 0.8 0.8 0.9	0.053 0.055 0.048 0.046 0.059	3.34 3.48 3.48 3.33 4.12	9.1 9.4 8.7 8.2 9.4	30.3 27.0 30.5 27.7 19.2	1.79 1.66 1.90 1.68 1.57	1360 1220 1400 1340 1400	0.35 0.35 0.31 0.59 0.64	3.01 2.93 3.22 3.03 2.95	9.8 9.7 10.3 8.9 8.7	5.4 5.2 5.3 6.3 7.3	2060 1990 2190 2070 1920
\$029406 \$029406CD \$029407 \$029408 \$029409		4.56 4.58 4.60 4.53 4.34	16.00 16.05 15.30 15.90 17.10	0.13 0.11 0.13 0.12 0.12	1.0 0.9 0.9 0.8	0.054 0.053 0.044 0.043 0.041	3.38 3.36 2.92 2.92 2.77	8.6 7.7 7.7 7.8 7.7	17.9 18.1 21.3 23.8 29.4	1.91 1.86 1.85 1.93 1.86	1550 1560 1410 1480 1560	0.68 0.73 0.92 1.19 0.63	3.52 3.56 3.59 3.28 3.07	9.0 9.0 8.8 8.9 9.0	7.7 8.1 7.6 7.3 7.1	1860 1880 1810 1750 1810
\$029410		4.46	12.70	0.11	1.2	0.034	2.72	13.3	9.9	0.36	225	4.73	0.19	5.5	14.2	1250
\$029411		4.85	15.70	0.12	0.8	0.046	4.16	6.9	23.3	1.65	1380	1.12	2.31	8.7	7.0	1770
\$029412		4.45	15.75	0.16	0.8	0.058	5.39	7.7	19.2	1.26	1200	0.84	1.62	8.9	7.3	1730
\$029413		4.42	15.50	0.13	0.9	0.034	4.65	7.8	23.3	1.62	1260	0.62	2.24	8.7	8.8	1740
\$029414		4.51	16.35	0.17	0.8	0.044	4.46	8.4	25.3	1.81	1490	0.94	2.23	8.6	7.8	1680
\$029415 \$029416 \$029417 \$029418 \$029419		4.64 4.15 4.13 3.83 4.45	17.35 15.50 15.30 14.35 15.90	0.15 0.16 0.15 0.14 0.14	0.8 0.8 0.7 0.9	0.042 0.044 0.056 0.038 0.051	4.62 5.70 5.23 5.50 5.47	6.7 8.2 6.5 7.5 7.7	27.0 21.5 16.7 22.5 22.9	1.87 1.47 0.89 1.34 1.32	1620 1540 1180 1440 1400	0.55 0.72 1.52 0.67 0.80	2.30 1.53 0.43 1.15 1.93	9.1 8.3 7.6 7.9 8.8	8.4 7.9 7.2 6.3 7.0	1780 1670 1520 1580 1680
\$029420		0.17	0.30	0.09	<0.1	<0.005	0.03	1.1	1.2	3.11	134	<0.05	0.04	0.1	0.3	80
\$029421		4.50	14.90	0.11	0.9	0.042	4.10	8.0	24.8	1.56	1510	0.92	2.43	8.9	6.4	1630
\$029422		4.50	15.85	0.12	0.7	0.029	3.91	7.0	11.3	1.86	1410	0.56	2.32	8.6	6.6	1650
\$029423		4.28	15.65	0.14	0.7	0.057	5.31	7.0	10.8	1.48	1300	0.50	1.55	8.9	6.1	1620
\$029424		4.46	16.00	0.13	0.7	0.057	4.76	6.1	10.2	1.58	1420	0.57	1.44	8.6	6.5	1580
\$029425		4.17	14.90	0.15	0.7	0.032	4.29	7.1	4.7	1.69	1350	0.57	1.79	8.5	6.0	1530
\$029426		4.13	14.65	0.17	0.7	0.039	4.18	6.8	4.8	1.50	1260	0.56	1.63	8.4	6.3	1530
\$029426CD		4.02	13.90	0.13	0.6	0.041	4.08	6.6	4.8	1.46	1240	0.63	1.61	8.2	6.0	1540
\$029427		4.65	15.05	0.13	0.7	0.054	3.19	7.1	3.5	1.21	859	0.88	2.86	8.3	7.4	1600
\$029428		4.24	14.25	0.15	0.7	0.049	4.03	6.7	7.6	1.24	946	0.85	2.75	8.5	6.5	1670
\$029429		4.19	16.15	0.14	0.9	0.045	3.93	6.6	18.4	1.41	942	1.41	3.49	9.3	7.0	1720
\$029430		3.96	12.95	0.14	1.1	0.041	3.96	10.4	12.3	0.54	1380	9.68	0.22	5.0	19.1	900
\$029431		4.70	16.05	0.14	0.9	0.051	3.16	7.5	19.5	1.60	1010	1.12	3.63	8.9	6.6	1690
\$029432		4.86	15.10	0.13	0.8	0.037	2.91	8.8	20.0	1.78	1140	0.74	3.90	9.0	7.2	1740
\$029433		4.84	16.75	0.17	0.9	0.051	3.00	8.8	22.5	1.79	1140	0.91	3.95	9.2	8.5	1820
\$029434		4.64	15.80	0.14	0.9	0.054	3.54	6.7	25.2	1.78	1220	0.85	3.26	8.4	7.0	1780
\$029435		4.69	16.35	0.15	0.8	0.040	2.81	8.1	29.8	1.82	1020	0.69	3.53	9.0	7.4	1730
\$029436		4.76	16.05	0.14	0.8	0.053	3.45	6.9	34.2	1.81	843	0.84	3.20	8.8	8.0	1730
\$029437		4.48	11.50	0.11	0.6	0.041	3.65	6.6	20.8	1.51	1280	0.48	2.44	6.5	5.3	1600
\$029438		4.11	15.40	0.14	0.8	0.047	3.69	9.1	30.9	1.64	1060	0.66	2.78	8.7	7.4	1610



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**CERTIFICATE OF ANALYSIS VA20192536** 

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											CAILO	I ANA	_ 1 313	VAZUI	92330	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
S029401		11.3 13.8	72.2 82.1	<0.002 <0.002	0.70 0.79	3.28 3.31	29.4 29.2	<1 <1	0.6 0.7	387 386	0.50 0.49	0.08 0.07	1.89 1.92	0.283 0.275	2.09 2.15	1.0 1.0
S029402 S029403		7.3	71.5	0.002	0.79	4.23	29.2	<1	0.7	400	0.49	< 0.07	1.79	0.273	2.13	1.0
S029403 S029404		9.1	68.7	0.002	0.70	3.56	25.4	1	0.6	449	0.30	0.09	1.79	0.303	2.14	1.6
S029405		8.2	94.0	0.002	1.05	4.08	25.7	<1	0.7	568	0.45	0.09	1.90	0.279	2.13	1.6
S029406		6.3	67.4	<0.002	0.57	3.88	24.2	1	0.6	559	0.47	0.11	1.78	0.280	2.11	1.3
S029406CD		7.7	57.0	0.002	0.60	3.91	24.2	<1	0.6	558	0.47	0.11	1.70	0.279	2.06	1.3
S029400CD		7.7	58.8	0.002	0.64	3.40	25.1	<1	0.7	487	0.47	0.10	1.69	0.273	1.90	1.2
S029408		16.0	55.1	< 0.002	0.47	4.00	24.1	<1	0.7	453	0.45	0.05	1.64	0.272	1.89	1.1
S029409		6.0	50.5	< 0.002	0.41	4.92	23.8	<1	0.6	541	0.50	<0.05	1.68	0.274	1.84	1.0
S029410		53.2	120.0	<0.002	4.04	34.4	13.6	5	1.8	134.0	0.31	0.31	2.50	0.290	2.25	0.9
S029411		9.3	82.5	0.002	1.49	7.37	23.3	1	0.6	437	0.44	0.09	1.48	0.266	2.74	1.0
S029412		12.4	104.5	0.004	1.75	9.70	22.2	1	0.6	445	0.47	0.12	1.68	0.265	4.02	1.0
S029413		8.1	97.5	0.003	1.39	5.24	24.6	1	0.6	394	0.44	0.10	1.63	0.275	3.24	1.0
S029414		7.6	101.5	0.002	1.12	5.77	24.4	<1	0.6	407	0.46	0.10	1.66	0.273	3.23	1.0
S029415		6.3	89.9	0.003	0.81	5.07	22.9	1	0.6	425	0.47	0.09	1.29	0.288	3.27	0.9
S029416		9.4	128.5	0.004	0.93	6.91	23.5	1	0.6	431	0.42	0.07	1.65	0.272	4.28	1.0
S029417		23.3	119.0	0.002	1.94	9.34	19.8	1	0.6	279	0.39	0.12	1.43	0.251	5.18	0.8
S029418		8.3	135.0	< 0.002	1.34	8.35	19.9	1	0.5	370	0.42	0.05	1.77	0.251	5.08	0.9
S029419		7.0	103.0	0.002	1.49	7.04	21.3	1	0.6	423	0.46	0.08	1.63	0.269	4.76	1.0
S029420		<0.5	0.9	<0.002	0.08	0.06	0.2	1	<0.2	67.5	<0.05	<0.05	0.07	0.006	0.04	0.1
S029421		8.8	97.0	0.002	1.35	6.83	22.8	1	0.6	470	0.45	0.05	1.67	0.268	3.24	0.9
S029422		7.2	85.3	0.002	0.74	13.55	21.9	1	0.5	485	0.44	< 0.05	1.40	0.265	2.90	0.9
S029423		9.7	91.8	0.002	1.26	10.25	21.0	1	0.7	482	0.45	<0.05	1.43	0.260	3.94	8.0
S029424		9.5	89.2	0.002	1.30	32.6	19.9	<1	0.6	607	0.44	< 0.05	1.27	0.253	3.28	0.8
S029425		7.4	93.3	0.002	0.69	67.0	20.1	1	0.5	916	0.44	0.05	1.54	0.252	2.61	0.8
S029426		549	88.7	0.002	1.19	144.5	19.8	1	0.5	973	0.43	0.07	1.53	0.250	2.37	0.8
S029426CD		572	85.6	<0.002	1.14	142.0	19.2	1	0.5	948	0.42	0.08	1.48	0.239	2.35	0.8
S029427		105.0	64.3	0.004	2.61	124.5	20.3	2	0.6	756	0.43	0.13	1.39	0.266	1.57	0.9
S029428		26.8	75.8	0.003	1.77	30.8	21.5	1	0.6	692	0.44	0.11	1.47	0.271	2.03	0.9
S029429		27.8	73.8	0.002	1.09	16.10	22.6	1	0.6	458	0.44	0.14	1.47	0.263	2.18	0.9
S029430		148.0	158.0	0.012	2.80	19.35	10.5	3	1.6	192.5	0.28	0.28	2.93	0.247	3.21	1.6
S029431		22.1	64.8	0.003	1.84	17.90	22.9	2	0.6	450	0.44	0.12	1.67	0.267	1.83	1.0
S029432		129.5	63.6	<0.002	1.21	88.3	23.9	1	0.5	495	0.43	0.09	1.86	0.268	1.69	1.0
S029433		7.5	64.2	0.002	1.30	9.50	25.4	<1	0.6	437	0.44	0.13	1.88	0.289	1.66	1.0
S029434		6.8	61.4	0.003	1.10	10.05	22.6	1	0.7	459	0.43	0.14	1.36	0.288	1.97	1.0
S029435		11.1	57.7	0.003	1.19	12.70	25.1	1	0.6	424	0.47	0.10	1.64	0.276	1.60	0.9
S029436		12.3	66.0	0.003	1.46	9.32	23.8	1	0.7	384	0.43	0.14	1.43	0.295	1.97	0.9
S029437		18.1	63.1	<0.002	1.68	6.87	17.4	1	1.1	649	0.34	0.10	1.26	0.255	1.66	0.7
S029438		10.2	86.6	0.003	1.13	16.55	21.2	1	0.7	518	0.43	0.09	1.78	0.257	2.18	1.0



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Sample Description	Method Analyte Units	ME-MS61 V ppm	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61 Zr ppm	pXRF-34 Si %	pXRF-34 Ti %	pXRF-34 Zr ppm		
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5		
S029401		257	0.6	10.8	70	21.1	22.3	0.4	44		
S029402		244	0.7	11.0	59	20.9	22.6	0.4	45		
S029403		272	0.6	10.8	62	21.7	22.2	0.4	48		
S029404		249	8.0	10.1	74	25.7	22.0	0.4	51		
S029405		208	0.5	12.1	67	26.7	21.8	0.5	54		
S029406		218	0.5	11.4	70	26.9	23.1	0.4	54		
S029406CD		221	0.5	11.1	71	26.3	22.6	0.4	51		
S029407		218	0.5	11.4	69	24.9	23.5	0.4	53		
S029408		213	0.6	10.7	73	23.1	23.0	0.4	52		
S029409		214	2.0	11.2	106	21.0	21.9	0.4	56		
S029410		138	2.3	8.2	195	30.2	32.3	0.4	78		
S029411		217	1.0	10.1	80	21.1	23.0	0.4	48		
S029412		209	8.0	10.3	309	21.3	24.5	0.4	51		
S029413		213	0.7	11.2	72	23.1	21.8	0.4	55		
S029414		218	0.7	11.4	68	22.5	23.1	0.4	51		
S029415		228	0.7	10.7	67	23.3	22.7	0.5	51		
S029416		209	0.7	11.2	61	22.1	22.7	0.3	47		
S029417		192	3.1	8.5	131	22.2	21.9	0.4	47		
S029418		190	4.6	8.8	61	24.4	21.5	0.4	53		
S029419		206	0.9	9.7	55	24.2	2.9	<0.1	<5		
S029420		2	<0.1	2.0	5	1.4	21.5	0.4	49		
S029421		219	1.2	10.2	106	25.8	22.1	0.4	53		
S029422		216	1.4	8.2	174	21.5	22.5	0.4	49		
S029423		204	1.0	7.9	84	21.5	22.1	0.4	40		
S029424		199	3.1	7.7	74	18.7	22.6	0.4	58		
S029425		204	4.1	7.1	169	21.3	22.4	0.4	61		
S029426		199	12.7	7.3	334	18.6	21.8	0.3	55		
S029426CD		192	12.5	7.0	334	17.7	22.1	0.3	51		
S029427		200	15.0	6.8	157	18.8	21.7	0.4	56		
S029428		206	6.9	7.1	119	20.2	21.8	0.5	55		
S029429		214	1.3	6.5	107	26.4	23.9	0.4	52		
S029430		106	5.2	8.1	475	37.1	27.7	0.4	84		
S029431		206	1.0	7.5	96	25.1	22.7	0.4	50		
S029432		211	1.0	8.2	160	27.5	23.2	0.4	52		
S029433		233	0.7	9.2	84	25.7	22.6	0.4	51		
S029434		217	0.6	7.3	52	25.3	22.3	0.5	54		
S029435		217	8.0	8.3	94	25.2	22.0	0.4	55		
S029436		221	1.1	8.1	93	23.5	23.7	0.4	57		
S029437		198	1.6	9.0	33	16.2	21.1	0.4	51		
S029438		193	1.8	9.9	61	22.3	21.8	0.5	51		



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**CERTIFICATE OF ANALYSIS VA20192536** 

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											CAILO	I ANAL		<b>V</b> / <b>L</b> O I	92330	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
S029439		6.66	<0.005	0.40	8.14	39.3	3510	0.76	0.06	3.46	1.21	18.90	14.0	11	1.39	152.5
S029440		1.40	<0.005	0.02	0.33	0.3	40	0.22	0.04	32.5	0.02	1.05	0.5	1	0.06	1.5
S029441		5.78	<0.005	0.37	7.78	36.5	3290	0.78	0.03	4.64	1.34	17.70	12.0	10	1.57	144.5
S029442 S029443		5.52 4.14	0.019 <0.005	0.53 0.46	8.10 7.87	219 18.8	3420 3390	0.82 0.76	0.04 0.03	4.31 3.06	0.24 0.29 0.48	17.35 14.95	11.8 13.1 13.4	11 11 10	2.18 1.25	122.5 126.5
S029444 S029445 S029446 S029446CD S029447		6.28 5.54 6.66 <0.02 5.78	<0.005 0.015 <0.005 <0.005 <0.005	0.40 0.59 0.40 0.36 0.48	7.68 6.98 7.34 7.50 8.08	14.8 24.5 6.0 5.8 11.9	3270 830 3410 3430 3100	0.88 0.97 0.97 0.96 0.84	0.03 0.05 0.04 0.04 0.05	2.80 4.87 2.95 2.92 2.39	0.48 0.37 0.13 0.11 0.16	15.10 13.25 13.45 13.15 15.65	13.4 14.8 13.3 12.9 13.2	10 10 11 11	1.41 3.67 1.89 1.91 1.59	128.0 142.0 115.0 114.0 136.0
S029448		4.90	<0.005	0.51	8.03	41.4	2650	0.81	0.04	2.46	0.26	17.35	13.3	11	1.39	132.5
S029449		6.50	0.005	0.51	8.07	123.0	3000	0.91	0.03	3.31	0.29	18.05	12.6	10	1.39	118.5
S029450		0.16	5.76	76.4	6.17	289	1270	1.02	1.10	1.96	22.1	26.3	10.1	22	7.37	110.5
S029451		6.64	0.009	0.68	7.82	89.8	4120	0.88	0.03	4.59	0.72	17.75	12.8	10	2.05	119.0
S029452		5.26	0.011	0.63	7.97	326	3500	0.84	0.03	3.86	0.59	16.30	13.3	10	2.38	132.5
S029453 S029454 S029455 S029456 S029457		5.12 6.16 5.78 5.82 6.32	0.014 <0.005 0.006 0.007 <0.005	0.50 0.42 0.71 0.61 0.56	7.36 7.64 7.54 7.10 7.99	511 276 20.0 84.1 56.0	3440 3320 1500 3120 3260	0.85 0.90 0.85 0.92 0.81	0.03 0.04 0.07 0.06 0.06	4.18 2.78 2.33 3.04 2.20	0.66 0.41 0.11 0.12 0.61	14.40 14.50 13.90 13.20 15.05	12.6 12.6 13.7 11.7 12.8	9 9 10 10	2.56 2.17 3.24 4.06 2.55	99.3 113.0 173.5 178.5 198.0
\$029458		3.98	<0.005	0.78	7.10	20.0	2920	0.79	0.05	2.61	0.47	13.80	13.5	10	2.17	142.0
\$029459		4.32	<0.005	0.46	8.13	28.4	2920	0.95	0.08	3.14	0.15	12.55	15.6	13	3.15	119.0
\$029460		1.86	<0.005	0.01	0.10	0.5	30	0.07	0.01	31.4	0.06	1.10	1.0	1	<0.05	2.9
\$029461		6.52	0.023	0.61	7.53	69.8	1140	0.96	0.13	4.06	0.15	13.80	13.1	10	5.13	96.2
\$029462		6.98	0.037	0.99	8.02	55.0	1950	0.96	0.22	1.85	0.25	14.65	12.1	10	5.11	186.5
S029463		5.10	0.020	0.95	7.38	30.4	1710	0.82	0.13	4.06	0.10	16.55	13.1	9	3.48	190.5
S029464		5.44	0.007	0.66	8.41	33.1	2820	0.84	0.11	2.41	0.08	16.50	13.4	9	3.29	176.5
S029465		6.22	0.012	0.49	7.73	242	2230	0.80	0.14	3.28	0.08	14.30	13.2	11	2.87	120.0
S029466		5.18	0.011	0.40	7.99	220	1120	0.81	0.18	3.64	0.05	17.25	16.8	12	2.63	80.1
S029466CD		<0.02	0.011	0.40	7.83	238	1000	0.79	0.18	3.68	0.05	14.35	16.6	11	2.67	82.1
\$029467		5.56	0.008	0.36	7.59	29.1	1610	0.79	0.14	3.00	0.06	13.85	15.2	14	2.22	96.0
\$029468		5.06	0.008	0.34	7.88	34.5	1700	0.65	0.16	3.35	0.18	11.45	14.5	10	2.14	95.7
\$029469		5.68	0.008	0.42	7.84	47.6	1490	0.65	0.19	4.79	0.15	16.35	18.3	12	2.07	76.5
\$029470		0.14	1.350	30.2	5.85	354	1020	1.35	0.91	0.66	1.75	29.1	13.3	18	8.22	110.0
\$029471		4.94	0.009	0.54	7.76	28.1	1260	0.66	0.22	4.56	0.72	16.55	22.6	24	1.91	82.8
\$029472		5.20	0.011	0.41	7.75	41.9	580	0.68	0.27	3.44	0.43	16.00	34.3	25	1.73	101.5
\$029473		5.06	0.007	0.30	7.85	49.4	990	0.74	0.19	3.88	0.24	14.25	24.6	49	2.70	123.5
\$029474		5.20	0.007	0.31	7.74	11.1	1770	0.55	0.20	2.74	1.38	11.80	19.1	21	2.04	121.0
\$029475		6.92	0.005	0.29	7.61	19.3	570	0.70	0.19	3.46	1.03	11.45	21.7	17	4.41	124.5
\$029476		5.12	0.005	0.90	8.46	38.1	2450	0.98	0.15	4.27	0.68	12.70	16.8	19	8.05	130.0



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20192536** 

Page: 3 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 18-SEP-2020 Account: PREBOW

											CAILO	I ANA	_1 313	VAZOI	92330	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029439 \$029440 \$029441 \$029442 \$029443		4.49 0.13 4.35 4.44	16.00 1.03 15.30 14.10	0.16 0.11 0.15 0.15	0.9 0.1 0.8 0.7	0.053 <0.005 0.060 0.047	3.74 0.13 3.48 3.05	9.5 1.1 9.3 9.2	27.5 1.2 26.9 29.3	1.67 2.54 1.74 1.64	881 132 978 1000	0.77 <0.05 0.67 0.71	3.21 0.16 2.93 2.96	9.1 0.2 8.4 8.4	7.3 <0.2 6.3 6.3	1740 90 1650 1700
S029444 S029445 S029446 S029446CD S029447		4.81 4.52 4.81 4.49 4.53 4.60	15.95 16.85 16.25 16.65 16.35 16.00	0.12 0.14 0.12 0.14 0.13 0.17	0.8 0.9 0.7 0.8 0.8	0.044 0.041 0.080 0.046 0.048 0.039	3.10 3.18 4.86 4.46 4.59 3.90	7.2 7.4 6.8 6.8 6.6 8.2	24.6 28.0 19.7 30.9 31.0 28.5	1.80 1.87 1.22 1.71 1.74 1.72	1060 1040 897 1060 1060 1040	0.53 0.61 1.59 0.47 0.55 0.78	3.64 3.42 1.67 2.55 2.60 3.01	9.3 9.2 8.5 9.6 9.6 9.2	7.0 6.5 7.0 6.8 6.7	1720 1690 1490 1700 1700 1680
\$029448 \$029449 \$029450 \$029451 \$029452		4.59 4.50 4.66 4.33 4.51	15.80 17.00 12.45 16.90 15.45	0.16 0.15 0.14 0.16 0.15	0.9 0.9 1.2 0.7	0.040 0.040 1.340 0.068 0.044	3.29 3.63 3.64 5.44 5.41	8.7 9.2 13.0 9.3 8.7	30.6 32.6 12.0 27.6 31.1	1.82 1.93 0.47 1.55 1.66	1080 1220 1160 1220 1180	0.58 0.66 9.09 1.52 0.86	3.21 3.01 0.23 1.64 2.04	9.3 9.4 5.3 8.6 8.6	6.2 6.5 14.8 8.3 7.0	1680 1680 920 1630 1690
\$029453 \$029454 \$029455 \$029456 \$029457		3.71 4.21 4.45 4.10 4.41	14.55 16.55 14.00 15.05 15.65	0.15 0.18 0.13 0.15 0.14	0.7 0.8 0.8 0.8	0.064 0.045 0.037 0.040 0.045	5.81 4.93 6.40 6.26 5.16	7.4 7.6 7.2 6.7 7.9	29.5 34.4 25.5 27.5 34.1	1.39 1.80 1.34 1.38 1.80	1280 1360 1080 1140 1180	0.64 0.68 2.55 1.07 1.15	1.65 2.21 1.29 1.10 2.05	8.9 10.0 9.0 9.3 9.7	6.1 6.7 6.2 5.7 6.3	1540 1640 1520 1580 1640
\$029458		4.51	14.45	0.15	0.7	0.040	4.88	7.0	30.8	1.73	1210	0.69	1.80	8.9	6.0	1510
\$029459		5.33	17.30	0.15	0.7	0.043	6.00	5.8	35.8	1.92	1510	1.25	2.08	8.2	8.2	1660
\$029460		0.14	0.33	0.11	<0.1	<0.005	0.03	1.2	1.6	2.60	121	0.06	0.04	0.2	0.6	80
\$029461		4.43	15.90	0.13	0.9	0.047	6.78	6.8	20.9	1.15	1020	1.43	0.61	8.6	6.9	1610
\$029462		4.54	15.95	0.16	0.9	0.026	6.92	8.0	12.6	0.74	575	1.75	0.37	8.8	6.1	1590
\$029463		4.47	16.20	0.11	0.9	0.033	6.70	8.1	24.5	1.41	1060	1.19	0.90	9.2	6.2	1580
\$029464		4.41	16.50	0.16	0.9	0.046	7.22	8.8	27.8	1.56	909	0.67	1.25	10.2	6.5	1700
\$029465		4.51	15.25	0.13	0.9	0.044	6.02	7.3	30.4	1.71	1060	0.79	1.28	8.1	7.4	1570
\$029466		5.12	15.55	0.13	0.9	0.050	5.33	8.8	31.1	1.67	1060	0.46	1.73	7.6	8.7	1640
\$029466CD		5.18	15.45	0.14	0.8	0.051	5.34	7.3	30.6	1.67	1100	0.36	1.77	7.7	8.3	1680
\$029467		4.49	15.05	0.14	0.9	0.046	5.14	6.7	26.4	1.50	905	0.57	2.33	7.7	8.4	1720
\$029468		4.60	13.10	0.12	0.7	0.047	5.49	5.6	25.1	1.53	934	0.39	2.11	6.4	7.0	1750
\$029469		5.23	14.00	0.14	0.8	0.052	4.28	8.0	33.9	1.89	1360	0.46	2.22	6.0	9.6	1800
\$029470		4.46	12.80	0.13	0.9	0.038	2.72	14.0	9.9	0.36	221	5.10	0.19	5.5	13.9	1250
\$029471		6.44	14.55	0.14	0.5	0.033	2.94	7.1	38.3	2.16	1880	1.16	2.67	4.7	18.2	1660
\$029472		6.84	15.80	0.13	0.5	0.040	3.21	7.0	37.7	2.22	1680	2.67	2.80	5.0	18.6	1890
\$029473		7.18	15.25	0.15	0.7	0.048	4.14	6.4	40.4	2.40	1820	1.89	1.83	4.6	34.9	1650
\$029474		5.69	15.45	0.11	0.6	0.033	3.76	5.1	41.9	2.25	1750	1.10	2.59	5.6	13.3	1740
\$029475		5.34	14.95	0.14	0.6	0.046	5.49	5.0	35.9	1.91	1400	2.42	1.23	5.4	12.0	1780
\$029476		4.45	14.90	0.15	0.7	0.032	5.60	6.1	31.9	1.79	1380	1.39	0.39	5.7	11.2	1770



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20192536** 

Page: 3 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 18-SEP-2020 Account: PREBOW

											CAILO	I ANA	-1313	VAZOI	92330	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S029439		21.6	86.6	<0.002	1.23	15.50	25.0	1	0.7	485	0.46	0.11	1.90	0.275	2.15	1.0
S029440		<0.5	4.6	<0.002	<0.01	0.11	0.3	2	<0.2	76.1	<0.05	<0.05	0.09	0.006	0.06	0.2
S029441		26.8	79.8	0.003	1.03	23.0	22.1	1	0.6	523	0.43	0.07	1.91	0.257	2.10	1.0
S029442		11.6	71.4	0.004	1.21	7.97	22.1	<1	0.7	562	0.43	0.12	1.81	0.272	1.68	1.0
S029443		7.4	56.5	0.003	1.17	3.43	22.9	1	0.6	411	0.47	0.10	1.64	0.280	1.85	0.9
S029444		7.1	59.4	<0.002	0.86	1.67	24.4	1	0.6	406	0.46	0.08	1.63	0.264	2.00	1.0
S029445		10.0	107.5	0.008	2.35	9.84	18.8	1	0.6	386	0.43	0.17	1.41	0.237	3.35	0.8
S029446		9.1	83.2	<0.002	0.88	2.42	21.8	1	0.6	447	0.50	0.10	1.43	0.275	2.96	0.9
S029446CD		9.4	84.9	0.003	0.89	2.37	21.2	1	0.6	453	0.49	0.06	1.45	0.273	2.97	0.9
S029447 S029448 S029449		8.3 6.5 8.9	74.9 82.5	0.004 0.003 0.003	1.23 1.01 0.86	4.76 4.06 4.77	22.8 23.5 24.1	1 1 1	0.5 0.5 0.6	412 400 412	0.46 0.49 0.46	0.10 0.08 0.07	1.86 1.97 1.93	0.268 0.267 0.263	2.72 2.16 2.38	1.0 1.1 1.0
\$029450		8350	150.5	0.006	2.94	73.0	11.2	3	4.1	143.5	0.32	0.23	3.58	0.243	3.05	1.8
\$029451		27.0	136.5	0.003	1.07	5.93	21.4	<1	0.7	396	0.45	0.13	1.81	0.252	3.78	1.0
\$029452		11.4	131.0	0.002	0.83	7.95	21.9	1	0.6	473	0.47	0.11	1.74	0.273	3.79	1.0
\$029453		9.9	110.0	0.003	0.83	10.70	20.0	1	0.5	466	0.45	0.11	1.54	0.241	4.24	0.9
\$029454		13.5	108.0	0.003	0.58	6.96	21.3	1	0.6	424	0.50	0.07	1.67	0.252	3.73	0.9
\$029455		9.7	110.5	0.003	1.90	6.17	20.4	1	0.6	395	0.43	0.16	1.49	0.249	5.15	0.8
\$029456		5.8	91.6	0.003	1.41	6.49	19.1	1	0.6	385	0.48	0.12	1.56	0.244	5.46	0.9
\$029457		4.6	122.0	0.003	1.02	5.68	20.2	<1	0.6	449	0.47	0.09	1.72	0.254	4.21	0.8
\$029458 \$029459 \$029460 \$029461 \$029462		5.6 6.3 1.0 9.9 14.4	97.2 90.6 0.9 131.5 148.0	0.003 0.002 <0.002 0.002 0.002	1.34 1.87 0.01 2.49 2.82	5.40 6.87 0.14 10.85 8.84	20.9 26.9 0.3 22.4 20.8	<1 1 <1 1	0.6 0.6 <0.2 0.6 0.6	369 490 73.2 378 244	0.47 0.40 <0.05 0.44 0.45	0.08 0.12 <0.05 0.12 0.13	1.48 1.01 0.08 1.53 1.90	0.239 0.304 0.006 0.268 0.240	4.14 4.85 0.03 6.24 6.38	0.8 0.6 0.1 0.9
S029463 S029464 S029465 S029466 S029466CD		10.2 8.5 6.9 7.9 7.6	100.0 122.5 112.0 142.5 124.0	<0.002 <0.002 0.004 0.002 <0.002 <0.002	2.10 1.69 1.95 2.32 2.34	5.65 5.20 8.32 7.81 7.86	19.8 22.2 21.9 24.8 23.8	<1 <1 1 1	0.6 0.7 0.6 0.6 0.6	315 357 333 322 326	0.45 0.46 0.51 0.42 0.39 0.39	0.13 0.11 0.08 0.09 0.12 0.12	1.62 1.97 1.47 1.56 1.31	0.248 0.264 0.278 0.291 0.301	5.39 5.44 4.32 3.69 3.85	0.9 0.9 0.8 0.9 0.8
\$029467 \$029468 \$029469 \$029470 \$029471		7.1 8.4 10.1 52.8 41.5	103.5 96.3 111.5 123.0 71.7	<0.002 <0.002 <0.002 <0.002 <0.002 0.006	2.01 2.24 2.45 4.05 3.08	5.63 6.67 9.78 35.1 10.25	24.4 21.8 28.4 13.8 27.3	<1 <1 <1 7 2	0.7 0.6 0.7 2.0 0.7	328 336 360 137.5 389	0.38 0.33 0.29 0.29 0.23	0.08 0.09 0.10 0.32 0.09	1.36 1.08 1.22 2.37 0.81	0.304 0.308 0.333 0.291 0.415	3.71 3.52 3.19 2.38 1.88	0.8 0.6 0.7 0.9 0.4
\$029472		19.5	75.5	0.016	3.88	8.71	35.9	3	0.8	351	0.24	0.14	0.76	0.437	2.18	0.5
\$029473		12.5	116.5	0.027	4.13	9.30	33.4	3	0.8	391	0.23	0.10	0.81	0.395	2.78	0.4
\$029474		23.4	75.4	0.013	2.24	5.74	27.7	2	0.7	337	0.27	<0.05	0.88	0.353	2.46	0.6
\$029475		19.3	111.5	0.021	2.80	4.64	27.6	3	0.8	358	0.28	0.05	0.83	0.348	3.62	0.6
\$029476		23.7	179.0	0.005	2.03	6.95	27.9	1	0.6	506	0.29	0.06	1.14	0.344	4.09	0.7



To: PRETIVM
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(ALS	,								CERTIFICATE OF ANALYSIS VA20192536
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$029439		215	0.7	9.2	121	24.3	21.5	0.4	56
\$029440		2	<0.1	2.3	4	1.7	3.2	<0.1	<5
\$029441		201	0.9	9.1	142	22.2	19.9	0.4	52
\$029442		226	3.3	10.3	50	20.7	21.5	0.5	53
\$029443		225	0.6	7.9	87	23.3	21.8	0.4	53
S029444		218	0.6	9.3	140	23.7	22.2	0.4	59
S029445		199	0.8	9.0	101	18.2	20.6	0.4	45
S029446		216	0.8	9.5	57	21.1	20.9	0.4	55
S029446CD		218	0.7	9.2	56	21.1	21.4	0.4	49
S029447		219	1.1	10.5	62	22.9	22.4	0.4	50
\$029448		221	1.0	10.0	93	23.7	22.9	0.4	52
\$029449		207	0.7	10.5	98	24.3	21.6	0.4	49
\$029450		119	4.0	8.7	1800	43.0	28.0	0.3	77
\$029451		198	1.1	9.8	168	18.4	20.9	0.4	43
\$029452		208	0.9	9.5	155	18.5	22.0	0.5	56
\$029453		195	1.1	9.2	147	19.4	21.8	0.4	44
\$029454		200	1.2	9.1	123	22.3	22.2	0.4	50
\$029455		206	1.1	8.3	54	21.0	23.8	0.4	45
\$029456		198	1.2	8.4	53	23.0	23.2	0.4	49
\$029457		204	1.2	8.7	174	23.4	24.0	0.4	53
\$029458		203	3.7	8.5	144	20.1	23.1	0.4	46
\$029459		256	1.4	9.9	69	18.0	19.8	0.4	47
\$029460		2	<0.1	2.3	23	1.6	3.5	<0.1	7
\$029461		216	2.6	9.1	42	22.1	21.0	0.4	59
\$029462		198	1.9	8.6	44	26.4	25.9	0.4	45
\$029463 \$029464 \$029465 \$029466 \$029466CD		210 206 217 215 220	1.0 0.9 1.0 1.1	9.9 9.6 8.7 10.3 9.4	32 30 34 32 34	29.6 30.1 27.2 24.7 24.5	20.8 22.6 22.5 20.6 21.5	0.4 0.4 0.4 0.5 0.5	45 50 41 53 53
\$029467		218	1.2	9.8	30	30.2	20.6	0.5	56
\$029468		221	1.1	7.5	57	22.2	20.3	0.5	49
\$029469		238	1.6	10.6	50	23.1	19.3	0.4	51
\$029470		138	4.2	8.6	192	30.3	29.2	0.4	76
\$029471		233	1.3	12.4	135	14.9	18.9	0.5	56
\$029472		279	1.3	15.8	95	15.6	20.2	0.5	61
\$029473		250	1.2	17.0	77	15.9	20.3	0.4	56
\$029474		232	1.2	13.6	201	19.3	21.5	0.4	54
\$029475		231	1.0	13.9	158	18.4	20.4	0.4	58
\$029476		221	1.6	13.5	104	21.5	21.1	0.4	58



To: PRETIVM
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(ALS)									С	ERTIFIC	CATE O	F ANAI	_YSIS	VA201	92536	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029477		5.36	0.103	1.79	6.61	1085	1630	0.82	0.10	7.13	2.32	10.65	17.2	36	7.33	95.6
\$029478		4.36	<0.005	1.11	8.36	89.5	1540	0.93	0.01	7.24	0.09	14.45	42.0	158	6.79	81.6
\$029479		2.36	0.008	1.00	6.81	73.7	1660	0.55	0.10	8.28	0.45	10.90	15.3	18	5.73	138.5
\$029480		0.86	<0.005	0.03	0.12	1.6	30	0.08	0.02	33.5	0.02	1.08	0.8	1	0.07	2.8
\$029481		6.22	0.006	0.67	7.85	84.5	1140	0.80	0.10	6.07	0.95	12.85	15.0	1	7.21	133.5
\$029482		5.90	<0.005	1.01	7.91	67.0	920	0.78	0.13	4.45	7.40	13.45	15.6	20	5.90	177.0
\$029483		6.12	0.008	0.90	6.99	86.5	320	0.74	0.24	3.92	9.96	10.45	21.8	20	4.69	192.0
\$029484		5.98	<0.005	0.82	7.46	95.3	680	0.83	0.15	2.73	5.25	17.25	14.7	14	2.86	172.5
\$029485		5.30	0.006	0.61	8.53	140.5	1980	1.15	0.13	2.55	3.29	32.0	11.0	4	3.42	84.2
\$029486		6.38	0.007	0.23	8.17	45.8	1290	1.00	0.22	2.51	0.73	30.9	11.7	5	1.70	17.5
\$029486CD		<0.02	0.008	0.23	8.24	45.2	1190	1.07	0.21	2.42	0.63	32.2	11.2	4	1.71	15.7
\$029487		5.32	<0.005	0.24	7.99	55.8	1210	1.04	0.17	2.47	1.74	29.7	6.9	4	2.04	30.3
\$029488		5.30	0.005	0.35	7.83	89.8	980	0.94	0.24	3.02	5.05	28.4	10.9	4	2.39	14.4
\$029489		6.10	<0.005	0.33	7.75	96.4	1500	1.08	0.17	4.36	1.47	33.0	9.1	5	4.03	25.1
\$029490		0.16	0.928	12.75	6.11	298	1080	1.05	0.17	3.61	4.60	26.2	10.5	26	6.87	84.5
\$029491		5.88	0.020	1.79	6.92	1810	1950	0.74	0.13	7.55	18.80	20.0	11.6	15	2.03	69.8
\$029492		6.60	0.006	1.49	7.00	80.5	710	0.81	0.33	4.57	2.65	10.20	28.3	31	2.01	83.9
\$029493		5.52	0.007	0.81	7.57	44.5	1110	0.80	0.50	3.19	3.43	10.70	20.9	29	2.31	66.4
\$029494		6.56	<0.005	0.49	7.82	27.3	1430	0.86	0.31	4.16	9.17	11.95	18.9	21	2.69	51.7
\$029495		5.94	<0.005	0.19	7.43	11.5	2000	0.80	0.18	6.39	2.28	13.90	13.9	17	3.48	50.1
\$029496		6.08	<0.005	0.17	7.89	6.6	660	0.68	0.22	3.57	1.41	15.15	21.5	23	1.57	84.7
\$029497		6.28	0.007	0.13	7.81	11.3	1030	0.77	0.23	2.74	1.76	12.45	21.0	16	2.11	81.1
\$029498		6.08	0.012	0.24	7.57	13.2	1360	0.87	0.24	2.28	3.41	9.36	22.4	12	2.44	132.5
\$029499		5.86	0.006	0.24	7.70	15.2	980	0.81	0.24	3.51	1.19	12.65	20.3	12	3.09	113.5
\$029500		1.08	<0.005	<0.01	0.10	1.2	20	0.07	0.02	32.8	0.02	1.06	0.8	1	0.06	3.8



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									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	92536	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029477		4.86	13.00	0.13	0.8	0.038	3.50	5.1	30.8	2.01	1160	1.52	0.24	3.8	22.5	1210
\$029478		7.16	15.25	0.16	0.6	0.056	3.32	5.4	50.9	3.87	1770	0.28	0.46	2.3	99.3	770
\$029479		5.06	12.75	0.13	0.7	0.043	5.20	5.2	28.2	1.65	1070	1.35	0.14	4.3	11.6	1450
\$029480		0.14	0.31	0.08	<0.1	<0.005	0.04	1.2	1.2	2.90	147	0.06	0.04	0.2	0.5	80
\$029481		4.66	15.00	0.11	0.7	0.057	5.51	6.0	35.3	1.91	1300	1.29	0.47	5.1	11.5	1730
\$029482		5.32	14.80	0.14	0.7	0.068	4.92	6.6	36.1	1.92	1240	1.24	1.31	5.1	12.6	1740
\$029483		5.62	15.05	0.10	0.7	0.083	5.52	4.7	29.4	1.47	1050	2.02	0.85	4.9	12.9	1640
\$029484		5.17	15.40	0.13	0.9	0.116	4.75	7.2	27.9	1.37	994	1.41	2.14	5.4	8.8	1490
\$029485		4.07	17.65	0.15	1.3	0.126	4.32	15.3	19.0	0.94	865	1.54	3.45	7.4	1.5	1400
\$029486		4.07	16.70	0.16	1.5	0.095	4.15	14.2	19.3	0.81	743	1.46	3.50	7.3	2.0	1320
S029486CD		3.98	17.05	0.19	1.4	0.086	4.17	14.9	18.9	0.81	721	1.35	3.52	7.4	1.5	1320
S029487		3.96	18.25	0.19	1.4	0.062	4.35	13.6	22.0	0.91	841	1.23	3.25	7.5	1.5	1350
S029488		4.01	17.60	0.21	1.4	0.062	4.30	12.5	21.0	0.85	853	1.41	3.16	7.4	1.6	1320
S029489		3.90	17.80	0.23	1.3	0.054	4.61	15.0	24.6	1.08	1080	1.41	2.27	7.0	2.4	1300
S029490		3.89	13.80	0.16	1.2	0.049	3.84	12.8	13.0	0.54	1350	10.05	0.21	5.2	20.5	890
S029491		4.46	13.35	0.15	0.7	0.076	3.62	10.4	30.5	1.53	1760	1.55	1.90	5.0	8.6	1320
S029492		5.37	14.70	0.13	0.5	0.072	3.12	4.9	34.9	1.72	1380	1.54	2.86	5.5	15.4	1490
S029493		5.95	16.15	0.14	0.5	0.060	2.81	5.3	37.7	2.00	1280	1.42	2.99	5.9	13.2	1500
S029494		6.11	15.55	0.12	0.5	0.090	2.95	5.7	45.8	2.37	1440	1.54	2.82	5.8	11.6	1610
S029495		5.16	15.55	0.11	0.6	0.068	3.29	7.3	45.5	2.64	1820	1.01	1.76	5.7	10.9	1740
\$029496		6.69	16.50	0.15	0.6	0.076	3.47	7.2	40.2	2.23	1500	0.96	2.76	6.2	13.2	1840
\$029497		6.28	16.40	0.14	0.5	0.059	3.61	5.8	43.7	2.44	1580	0.47	2.54	6.5	10.4	1710
\$029498		6.68	17.70	0.10	0.4	0.069	3.57	4.0	47.1	2.60	1680	0.44	2.64	7.0	10.0	1890
\$029499		5.71	15.70	0.15	0.5	0.063	3.67	5.9	35.7	1.88	1440	0.54	2.54	6.4	9.2	1940
\$029500		0.14	0.37	0.12	0.1	0.006	0.03	1.2	1.4	2.86	160	0.06	0.03	0.1	0.9	80



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(ALS)									C	ERTIFIC	CATE O	F ANAL	_YSIS	VA201	92536	
Sample Description	Method	ME-MS61														
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	%	ppm	ppm							
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$029477		73.7	143.5	0.009	1.60	22.5	24.7	2	0.5	263	0.19	0.05	0.85	0.338	2.95	0.5
\$029478		6.3	121.0	<0.002	0.30	16.45	36.8	<1	0.6	296	0.14	<0.05	0.20	0.666	2.52	0.1
\$029479		13.1	140.0	0.010	2.87	12.20	23.0	3	0.7	320	0.21	0.07	0.94	0.277	3.69	0.7
\$029480		0.8	1.4	<0.002	0.02	0.16	0.4	1	<0.2	78.7	<0.05	<0.05	0.07	0.007	0.04	0.1
\$029481		19.8	137.0	0.012	2.19	10.75	26.1	2	0.9	498	0.26	<0.05	1.08	0.318	4.30	0.8
\$029482		163.5	141.0	0.011	2.73	8.19	27.4	3	0.8	325	0.27	0.05	1.10	0.314	3.34	0.8
\$029483		77.7	110.5	0.019	3.56	8.75	23.6	5	0.8	308	0.25	0.09	0.91	0.295	3.82	0.8
\$029484		118.5	103.5	0.006	2.75	7.04	18.7	3	0.9	301	0.29	0.05	1.30	0.330	3.07	0.9
\$029485		177.0	100.5	<0.002	1.89	5.76	12.8	2	1.1	412	0.41	<0.05	2.16	0.396	2.50	1.2
\$029486		19.7	94.6	<0.002	2.57	3.60	11.9	3	1.1	327	0.41	0.06	2.27	0.370	2.37	1.1
\$029486CD		18.3	98.1	<0.002	2.52	3.49	11.8	2	1.1	330	0.39	0.06	2.32	0.377	2.36	1.1
\$029487		51.1	101.0	<0.002	2.26	3.49	11.9	2	1.2	334	0.42	0.05	2.10	0.381	2.77	1.0
\$029488		99.4	101.0	<0.002	2.50	3.82	11.8	3	1.2	341	0.41	0.06	2.07	0.375	2.58	1.0
\$029489		23.9	124.0	<0.002	2.24	6.51	13.6	2	1.1	343	0.38	<0.05	2.14	0.355	3.10	1.1
\$029490		143.5	170.0	<0.011	2.75	18.65	10.7	2	1.6	190.5	0.29	0.30	3.29	0.242	3.22	1.7
\$029491		252	96.1	0.003	1.92	24.6	20.2	3	0.8	336	0.27	<0.05	1.34	0.300	2.42	0.7
\$029492		24.0	62.0	0.009	3.05	6.96	24.4	3	0.9	313	0.27	0.08	0.80	0.306	2.23	0.4
\$029493		13.6	69.2	0.007	3.45	6.62	25.6	4	1.1	266	0.28	0.13	0.99	0.281	2.27	0.4
\$029494		19.4	63.9	0.011	2.91	6.41	28.7	3	1.1	282	0.27	<0.05	0.81	0.343	2.21	0.4
\$029495		13.0	83.0	0.007	2.00	6.89	31.1	3	1.3	287	0.26	0.05	0.93	0.373	2.35	0.5
\$029496		13.1	74.4	<0.002	3.39	6.72	34.6	3	1.2	257	0.31	<0.05	0.99	0.388	2.09	0.4
\$029497		15.7	67.9	0.002	2.84	5.63	30.0	2	1.1	286	0.29	0.06	0.84	0.376	2.23	0.3
\$029498		15.7	50.5	<0.002	2.84	5.28	26.3	2	1.2	312	0.31	0.06	0.54	0.415	2.28	0.3
\$029499		11.9	79.2	0.005	2.84	5.93	28.1	2	1.0	294	0.31	0.05	0.87	0.386	2.67	0.4
\$029500		0.6	0.8	<0.002	<0.01	0.09	0.3	1	<0.2	82.1	<0.05	<0.05	0.07	0.006	0.02	0.1



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20192536** 

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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$029477 \$029478 \$029479 \$029480 \$029481		191 267 196 2 223	2.7 1.6 2.1 <0.1 2.0	12.2 18.2 10.6 2.6 12.9	323 75 74 4 159	22.5 17.3 18.9 1.9 21.6	19.5 14.8 17.1 2.9 19.6	0.4 0.6 0.4 <0.1 0.4	40 46 43 8 54	
\$029482 \$029483 \$029484 \$029485 \$029486		220 204 175 118 114	1.7 1.4 1.5 3.1 2.6	12.8 12.1 15.2 23.3 21.4	833 1310 654 343 104	22.1 19.2 30.5 45.4 56.2	20.1 20.7 21.7 23.8 23.6	0.4 0.4 0.4 0.5	51 51 81 126 132	
S029486CD S029487 S029488 S029489 S029490		114 117 115 121 103	2.4 2.7 1.8 1.9 5.1	21.6 21.0 20.5 22.7 8.7	91 201 608 221 462	51.6 50.3 49.2 46.1 44.7	24.1 23.4 22.4 21.3 27.7	0.5 0.5 0.5 0.5 0.3	127 122 130 113 78	
\$029491 \$029492 \$029493 \$029494 \$029495		169 217 201 238 254	1.5 1.1 1.0 1.0 0.8	21.4 12.0 11.6 14.1 16.4	2190 415 494 1200 315	22.9 15.0 13.4 11.5 15.4	17.5 20.3 20.3 19.0 18.4	0.4 0.4 0.3 0.4 0.4	59 54 48 49 48	
\$029496 \$029497 \$029498 \$029499 \$029500		263 261 274 239 3	1.1 1.2 1.5 1.9 <0.1	16.5 15.4 14.2 16.3 2.4	202 239 418 166 5	16.0 13.5 10.9 13.2 1.5	19.9 20.6 20.4 20.9 2.9	0.4 0.4 0.5 0.4 <0.1	50 53 57 50 <5	



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CERTIFICATE	OF	ΔΝΔΙ Υςις	VA2019253	5
		AINAL LOLD	VACUL32.33	

			CERTIFICATE OF ANA	L1313 VA20132330
		CERTIFICATE COM	MENTS	
		ANALY	ΓΙCAL COMMENTS	
Applies to Method:	REEs may not be totally solul ME-MS61	ble in this method.		
		LABORA	TORY ADDRESSES	
		located at 2103 Dollarton Hwy, No		
Applies to Method:	Au-AA23	BAG-01	CRU-31	CRU-QC
	LOG-21 PUL-32m	LOG-21d PUL-32md	LOG-23 PUL-QC	ME-MS61 pXRF-34
	SPL-21	SPL-21d	WEI-21	βλΚΓ-34



ALS Canada Ltd. 2103 Dollarton Hwy North Vancouver BC V7H 0A7

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To: PRETIVM **SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET VANCOUVER BC V7X 1L4** 

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27-JAN-2021 **Account: PREBOW** 

## VA20192537

Project: Bowser Regional Project

P.O. No.: BOW-1096

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 1-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY LEANNE HAWKINS KEN MCNAUGHTON	JEFF AUSTON COREY JAMES STEPHAINE WAFFORN	SUSAN FLASHA JULIANNE MADSEN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
PUL-32md	Pulverize 500g-DUP -85%<75um	
LOG-21	Sample logging - ClientBarCode	
CRU-31	Fine crushing - 70% <2mm	
CRU-QC	Crushing QC Test	
PUL-QC	Pulverizing QC Test	
SPL-21	Split sample - riffle splitter	
PUL-32m	Pulverize 500g - 85%<75um	
BAG-01	Bulk Master for Storage	
LOG-23	Pulp Login - Rcvd with Barcode	
LOG-21d	Sample logging - ClientBarCode Dup	
SPL-21d	Split sample - duplicate	

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
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Page: 2 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 18-SEP-2020 Account: PREBOW

(ALS	,								CERTIFICATE OF ANALYSIS					VA20192537			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	
\$029501		5.58	<0.005	0.22	8.20	10.6	1420	1.17	0.17	2.77	0.44	24.7	14.7	6	3.57	72.2	
\$029502		6.48	<0.005	0.24	7.74	25.8	1280	1.13	0.11	4.78	0.32	32.5	9.4	3	4.12	33.3	
\$029503		5.76	<0.005	0.35	8.06	20.5	1950	0.97	0.18	3.70	1.86	14.25	20.7	13	5.16	90.7	
\$029504		5.62	<0.005	0.48	8.17	22.5	1990	0.93	0.18	3.80	2.69	12.40	19.5	15	5.55	106.5	
\$029505		6.20	0.005	0.67	7.95	65.0	1170	0.85	0.18	3.67	3.00	11.05	20.3	11	4.91	98.5	
\$029506		2.06	0.007	0.83	7.91	179.5	730	0.87	0.26	4.17	4.08	12.10	21.4	12	4.28	120.5	
\$029506CD		<0.02	0.006	0.80	7.51	198.0	690	0.79	0.25	4.66	4.02	11.10	21.8	11	3.92	124.0	
\$029507		2.52	<0.005	0.68	7.37	43.7	620	0.81	0.26	4.14	5.24	11.90	19.0	13	4.61	138.0	
\$029508		3.94	0.008	0.60	5.78	178.5	410	0.45	0.13	14.45	21.6	13.30	15.1	8	3.11	82.0	
\$029509		3.78	<0.005	0.47	7.38	28.5	700	0.69	0.17	3.57	1.80	9.89	16.5	12	4.11	111.0	
\$029510		0.20	6.17	78.4	6.22	280	940	0.93	1.13	2.04	23.2	28.7	11.3	23	7.97	114.0	
\$029511		5.80	0.008	0.56	7.62	63.9	1110	0.78	0.21	3.23	4.52	10.10	17.8	19	5.62	122.5	
\$029512		3.60	0.006	0.46	8.01	13.6	1560	0.81	0.18	2.84	1.46	13.05	18.7	18	4.26	143.0	
\$029513		4.88	<0.005	0.27	8.53	10.5	740	1.27	0.12	2.61	1.70	33.4	12.2	5	2.59	49.5	
\$029514		5.18	0.007	0.24	8.50	9.7	1040	1.28	0.10	3.28	2.47	33.7	13.2	6	3.73	23.5	
\$029515		6.66	0.013	0.52	7.58	15.9	1370	1.45	0.08	4.24	17.30	27.7	12.6	5	3.87	99.8	
\$029516		6.16	0.005	0.34	7.73	20.4	1600	1.45	0.07	3.61	1.40	27.4	12.5	6	3.58	41.0	
\$029517		6.00	0.006	0.42	7.27	143.5	1620	1.41	0.08	4.93	6.44	25.5	11.8	5	5.13	28.7	
\$029518		6.24	0.007	0.39	7.39	40.1	1450	1.33	0.08	4.88	2.04	27.1	11.8	5	4.67	37.2	
\$029519		5.90	0.006	0.39	7.85	14.2	1090	1.37	0.06	3.71	2.24	27.4	12.2	5	4.45	59.4	
\$029520 \$029521 \$029522 \$029522 \$029523 \$029524		1.48 4.46 6.30 2.86 4.36	<0.005 0.008 0.014 0.017 0.683	0.01 0.35 0.49 0.43 0.55	0.21 7.28 7.53 7.42 7.07	0.2 30.8 14.4 60.3 2000	20 740 1530 1700 770	0.13 1.12 1.37 1.30 1.09	0.01 0.07 0.08 0.07 0.09	34.0 6.06 3.64 4.15 6.74	0.03 1.19 4.99 1.10 1.58	1.21 28.9 26.5 28.2 27.7	4.4 11.0 12.5 10.6 13.2	6 5 5 5 5	0.12 4.92 4.71 4.98 4.58	14.3 16.3 71.3 53.3 42.8	
\$029525 \$029526 \$029526CD \$029527 \$029528		7.74 6.06 <0.02 5.76 3.76	1.310 0.011 0.010 0.009 0.005	0.59 0.43 0.44 0.69 0.64	7.52 7.75 7.84 7.76 7.72	4950 27.2 27.7 48.8 215	810 1590 1860 1780 2120	1.34 1.37 1.33 1.32 1.20	0.08 0.07 0.07 0.06 0.05	3.94 4.53 4.54 4.00 4.38	1.08 1.95 1.98 2.26 3.48	25.9 27.6 27.7 27.3 26.1	12.4 12.7 12.3 12.5 11.9	5 6 6 6	6.31 5.44 5.41 5.35 5.15	36.3 44.9 44.3 64.0 33.9	
\$029529		2.76	0.011	4.25	3.88	576	730	0.57	0.05	20.2	60.6	20.6	6.7	3	4.04	78.2	
\$029530		0.16	1.430	30.1	5.85	368	360	1.36	0.93	0.68	1.67	27.1	13.5	19	8.11	108.0	
\$029531		5.78	0.010	1.12	7.35	77.5	1290	0.80	0.04	9.16	1.37	17.20	17.0	12	5.01	101.5	
\$029532		5.44	0.015	1.06	7.77	16.0	300	0.77	0.04	4.39	0.65	12.15	22.8	21	4.00	160.5	
\$029533		3.24	0.011	1.42	7.82	31.9	360	0.77	0.25	3.56	1.81	11.05	22.1	20	3.17	127.5	
\$029534		6.00	0.028	1.48	7.43	18.9	230	0.74	0.34	3.31	1.07	8.72	22.7	20	3.52	133.0	
\$029535		6.02	0.005	1.40	7.76	12.5	500	0.77	0.29	3.07	0.94	10.55	21.0	21	3.49	117.0	
\$029536		6.00	0.008	1.22	7.51	16.6	550	0.80	0.26	3.24	0.66	8.97	19.8	23	3.82	113.5	
\$029537		6.24	0.007	1.14	7.51	21.5	430	0.87	0.35	3.53	3.55	8.82	23.4	16	3.34	104.0	
\$029538		6.04	0.012	1.76	7.17	133.0	480	0.83	0.38	4.11	4.06	10.40	21.8	19	5.25	143.5	



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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**CERTIFICATE OF ANALYSIS VA20192537** 

Page: 2 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 18-SEP-2020 Account: PREBOW

									CERTIFICATE OF ANALISIS				VA20132337			
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029501		4.62	18.45	0.19	1.0	0.048	4.24	10.4	32.0	1.50	1220	1.11	2.96	7.3	4.8	1710
\$029502		3.63	17.20	0.14	1.3	0.052	4.49	14.1	20.7	0.93	1160	1.27	2.76	7.2	1.6	1370
\$029503		5.42	17.00	0.15	0.5	0.076	3.27	6.8	37.4	2.06	1560	0.74	2.06	6.3	9.4	1910
\$029504		5.71	17.60	0.17	0.4	0.066	3.32	5.8	40.2	2.44	1600	0.48	2.17	6.2	11.0	1860
S029505 S029506		5.87 6.68	16.45 17.40	0.13	0.4	0.065	3.60 3.46	5.0 5.5	38.2 40.8	2.10	1580 1820	0.56	2.17	6.2	9.7	1900 2160
\$029506CD \$029507 \$029508 \$029509		6.73 6.07 5.48 5.00	16.70 16.30 11.75 15.05	0.19 0.14 0.19 0.10 0.14	0.7 0.4 0.4 0.3 0.4	0.060 0.075 0.076 0.142 0.052	3.39 4.23 3.41 4.62	5.0 5.0 6.6 4.3	39.3 36.3 21.2 25.3	2.20 2.13 2.02 1.18 1.39	1880 1700 2740 1330	0.64 0.56 1.31 0.55	2.04 2.08 1.81 0.94 2.30	6.5 6.4 4.0 5.9	10.5 10.5 9.9 6.3 8.4	2060 2020 1290 1820
\$029510		4.75	13.70	0.14	1.3	1.430	3.66	13.5	12.6	0.49	1200	9.98	0.23	5.6	16.9	950
\$029511		5.31	16.65	0.14	0.6	0.064	4.54	4.5	30.7	1.81	1460	0.85	1.50	6.0	10.1	1830
\$029512		5.47	16.75	0.13	0.6	0.045	4.17	6.0	31.8	2.11	1620	2.77	2.05	6.4	11.5	1880
\$029513		4.67	19.10	0.21	1.5	0.050	3.48	14.4	23.6	1.25	1280	0.93	2.96	7.1	5.0	1360
\$029514		4.60	20.3	0.20	1.6	0.048	3.32	14.6	25.9	1.18	1360	1.28	2.98	7.2	5.5	1370
\$029515		4.16	18.30	0.10	1.5	0.175	3.39	12.9	26.8	1.04	1380	1.48	2.45	6.9	5.1	1280
\$029516		4.30	18.05	0.13	1.5	0.051	3.16	12.7	30.2	1.18	1520	1.30	2.81	6.9	5.2	1300
\$029517		4.31	18.20	0.14	1.4	0.044	2.96	12.1	32.0	1.19	1580	1.40	2.13	6.6	4.4	1230
\$029518		4.28	17.45	0.14	1.5	0.047	2.93	12.9	29.3	1.14	1400	1.24	2.55	6.8	4.6	1230
\$029519		4.44	18.65	0.16	1.5	0.061	3.07	13.0	24.5	1.16	1370	1.15	2.96	7.2	5.2	1340
\$029520		0.27	0.54	<0.05	0.1	<0.005	0.03	1.3	3.8	2.47	153	<0.05	0.05	0.2	10.4	80
\$029521		4.36	16.05	0.09	1.4	0.041	2.99	13.5	21.2	0.94	1300	0.96	2.72	6.5	4.3	1210
\$029522		4.17	18.00	0.12	1.5	0.073	3.28	12.4	26.5	1.10	1370	0.95	2.63	7.0	4.7	1300
\$029523		4.05	16.80	0.11	1.4	0.048	4.01	13.7	25.4	1.06	1360	1.02	1.66	6.8	4.8	1250
\$029524		4.05	16.05	0.12	1.3	0.051	4.32	13.4	23.8	0.92	1180	0.89	1.11	6.2	4.2	1180
S029525		4.24	18.05	0.13	1.5	0.049	4.38	12.1	23.4	0.91	989	1.13	1.09	6.9	4.6	1280
S029526		4.64	18.35	0.15	1.6	0.053	3.61	13.2	28.7	1.09	1500	1.28	2.25	7.0	5.1	1310
S029526CD		4.75	17.85	0.15	1.6	0.052	3.61	13.8	28.2	1.10	1500	1.13	2.25	7.0	4.8	1330
S029527		4.34	18.25	0.15	1.6	0.054	3.73	12.6	33.0	1.19	1330	1.40	2.29	7.2	4.9	1360
S029528		3.83	17.55	0.15	1.6	0.047	3.14	12.4	37.0	1.27	1300	1.22	2.61	7.0	5.0	1300
\$029529 \$029530 \$029531 \$029532 \$029533		4.05 4.52 6.02 7.54 6.71	8.99 12.80 14.50 16.65 16.50	0.06 0.13 0.08 0.12 0.13	0.8 0.9 0.4 0.5	0.043 0.036 0.028 0.042 0.043	1.63 2.72 2.88 3.11 3.25	10.8 13.0 8.8 5.3 4.9	15.6 10.8 39.2 42.4 38.7	0.58 0.37 2.04 2.40 1.89	3340 232 2130 1820 1480	7.65 4.66 2.00 1.06 1.04	0.85 0.19 1.36 1.62 2.42	3.2 5.6 5.1 6.1 6.1	1.9 14.2 8.6 12.8 12.0	610 1270 1600 2120 1980
\$029534		7.03	16.30	0.13	0.5	0.047	3.88	3.8	34.9	1.87	1640	1.47	2.13	6.5	11.9	1950
\$029535		6.39	16.05	0.14	0.5	0.043	3.84	4.6	41.1	2.04	1500	1.66	2.28	6.5	11.5	2010
\$029536		5.85	15.55	0.12	0.5	0.034	4.03	4.1	42.1	1.86	1380	1.38	2.09	6.4	11.1	1920
\$029537		6.48	16.85	0.15	0.5	0.062	3.56	4.0	43.8	1.82	1640	1.40	2.78	6.3	11.5	2020
\$029538		6.16	15.65	0.15	0.4	0.036	4.89	4.7	33.4	1.25	1360	2.21	1.32	5.8	11.8	1930



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20192537** 

Page: 2 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 18-SEP-2020 Account: PREBOW

								<u> </u>	CERTIFICATE OF ANALTSIS			VA20132337				
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S029501		12.7	96.3	0.002	2.07	4.90	20.9	3	1.0	406	0.40	0.07	1.48	0.404	2.83	0.9
S029502		11.3	115.0	<0.002	2.03	5.69	14.2	2	1.0	400	0.40	<0.05	2.04	0.387	3.09	1.2
S029503		9.6	101.0	<0.002	2.11	6.28	29.4	2	0.7	412	0.30	0.08	0.93	0.382	2.37	0.4
S029504		11.4	86.7	<0.002	2.14	7.95	28.1	2	0.6	417	0.31	0.11	0.86	0.362	2.37	0.4
S029505 S029506 S029506CD		36.5 26.6 28.5	98.7 84.9	<0.002 <0.002 <0.002	2.66 3.20 3.31	8.45 11.90 12.05	27.8 32.7 30.8	3 3 3	0.6 0.7 0.7	559 453 467	0.30 0.33 0.30	0.09 0.09 0.07	0.83 0.94 0.82	0.364 0.420 0.415	2.34 2.55 2.37	0.4 0.4 0.4
S029507		22.3	85.1	0.002	2.93	10.35	30.0	3	0.7	615	0.31	0.05	0.74	0.408	3.37	0.4
S029508		23.9	99.1	0.003	4.01	12.35	19.1	3	0.5	521	0.20	0.10	0.65	0.250	2.33	0.3
S029509		15.9	86.2	0.003	2.67	7.84	26.3	3	0.7	521	0.30	0.09	0.75	0.351	2.65	0.4
\$029510 \$029511 \$029512 \$029513 \$029514		8780 22.7 15.0 14.1 10.7	157.5 106.5 101.0 98.5 99.3	0.004 0.002 0.007 <0.002 <0.002	2.99 2.40 2.29 2.44 2.27	74.5 8.13 5.91 5.04 5.81	12.8 26.4 28.5 14.6 14.8	4 3 4 3 3	4.0 0.7 0.8 1.0 1.0	145.5 423 487 614 614	0.35 0.30 0.32 0.41 0.41	0.27 0.08 0.09 0.09 0.09	3.81 0.82 0.93 2.88 2.96	0.252 0.356 0.382 0.420 0.428	3.10 2.83 2.32 1.87 1.91	2.0 0.4 0.5 1.5
\$029515 \$029516 \$029517 \$029517 \$029518 \$029519		27.3 10.4 70.7 30.0 12.3	95.1 75.6 82.4 77.7 75.4	<0.002 <0.002 <0.002 <0.002 <0.002 <0.002	2.02 1.95 1.77 2.00 2.25	5.15 6.38 6.43 6.18 6.50	12.5 12.1 11.9 12.2 12.9	2 1 1 1	0.9 0.9 0.8 0.9 0.9	609 584 386 560 675	0.39 0.40 0.38 0.38 0.39	0.10 0.06 0.09 0.07 0.08	2.43 2.47 2.43 2.51 2.45	0.396 0.404 0.385 0.392 0.414	2.05 1.90 1.65 1.65 1.58	1.4 1.4 1.3 1.4 1.3
\$029520 \$029521 \$029522 \$029523 \$029524		1.2 12.5 17.5 9.5 13.5	0.8 81.3 86.8 118.5 137.0	<0.002 <0.002 <0.002 <0.002 <0.002	0.10 2.64 1.91 2.00 2.21	0.10 7.15 4.80 7.21 35.5	1.2 11.8 12.2 12.2 11.6	1 1 1 1	<0.2 0.9 1.0 1.0	84.3 529 560 397 369	<0.05 0.36 0.40 0.39 0.35	<0.05 0.10 0.10 0.08 0.17	0.07 2.55 2.40 2.49 2.44	0.018 0.377 0.397 0.394 0.365	0.03 1.52 1.85 2.44 2.66	0.1 1.3 1.4 1.4 1.3
S029525		12.3	133.5	<0.002	2.45	68.0	12.2	2	1.0	290	0.39	0.11	2.44	0.407	2.79	1.3
S029526		11.5	95.2	<0.002	2.03	5.53	12.6	1	1.0	520	0.40	0.08	2.52	0.413	2.10	1.5
S029526CD		11.4	96.4	<0.002	2.06	5.42	12.3	2	1.0	519	0.43	0.11	2.58	0.415	2.07	1.5
S029527		15.6	89.5	<0.002	1.91	7.33	12.5	1	1.0	506	0.41	0.11	2.48	0.417	2.32	1.4
S029527		136.5	82.5	<0.002	0.91	5.59	12.8	1	0.9	421	0.40	0.08	2.75	0.403	1.70	1.4
\$029529		1665	63.6	<0.002	3.18	16.65	7.2	5	0.5	280	0.18	<0.05	1.36	0.185	1.25	0.7
\$029530		51.8	124.0	<0.002	4.13	34.0	13.7	6	1.7	133.0	0.31	0.31	2.40	0.305	2.16	0.9
\$029531		130.5	94.3	0.007	2.73	6.73	25.3	5	0.6	452	0.24	<0.05	0.77	0.319	1.87	0.4
\$029532		37.9	66.8	0.009	3.43	5.14	31.7	7	0.7	521	0.29	<0.05	0.67	0.429	1.69	0.4
\$029533		34.4	73.2	0.006	3.79	7.78	29.5	7	0.6	538	0.30	0.10	0.76	0.388	1.89	0.4
\$029534		21.1	72.0	0.010	4.22	7.05	29.3	7	0.8	505	0.32	0.09	0.58	0.407	2.26	0.3
\$029535		27.5	80.9	0.009	3.08	6.41	28.9	5	0.7	456	0.32	0.13	0.69	0.380	2.20	0.4
\$029536		17.5	80.4	0.013	2.92	5.48	24.9	6	0.7	443	0.33	0.08	0.72	0.353	2.39	0.4
\$029537		19.3	59.4	0.016	3.33	5.93	26.3	7	0.7	503	0.32	0.10	0.63	0.361	2.09	0.4
\$029538		101.5	101.5	0.013	3.29	11.40	28.9	7	0.6	341	0.28	0.09	0.67	0.366	3.63	0.4



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(ALS	,								CERTIFICATE OF ANALYSIS VA20192537
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$029501		174	1.0	20.6	85	32.2	21.9	0.5	105
\$029502		123	1.4	26.5	64	43.4	22.1	0.5	120
\$029503		238	1.0	16.4	250	11.9	19.9	0.4	56
\$029504		223	1.7	15.1	328	10.4	20.2	0.4	55
\$029505		230	1.4	13.4	361	8.4	19.9	0.4	58
\$029506		267	2.1	14.7	465	9.5	20.3	0.5	59
\$029506CD		261	1.9	14.0	464	9.5	19.6	0.5	54
\$029507		260	0.8	16.9	578	8.3	19.7	0.5	56
\$029508		158	1.1	15.0	2300	5.4	14.1	0.4	42
\$029509		212	0.7	13.5	220	10.2	21.1	0.4	54
S029510 S029511 S029512 S029513 S029514		123 222 237 148 147	4.2 0.7 0.7 0.6 0.6	9.6 13.6 15.3 22.7 23.2	1840 507 202 212 292	41.8 13.1 14.2 40.2 42.7	26.4 21.5 21.2 23.1 23.4	0.3 0.4 0.4 0.5	81 59 58 136 132
\$029515 \$029516 \$029517 \$029518 \$029519		140 141 133 135 142	0.8 0.7 2.5 1.0 0.5	20.8 20.3 18.2 20.1 21.1	1880 204 664 281 294	42.3 41.9 39.9 41.8 44.1	22.7 22.5 21.4 21.2 22.2	0.5 0.5 0.4 0.5	140 136 130 124 134
\$029520		7	<0.1	2.8	5	2.3	4.0	<0.1	<5
\$029521		130	0.8	20.3	183	38.9	20.5	0.4	121
\$029522		138	0.6	20.9	629	39.8	23.0	0.5	133
\$029523		137	0.8	22.3	171	39.3	22.1	0.5	127
\$029524		127	0.9	21.0	229	36.0	20.9	0.4	123
\$029525		140	2.3	19.8	167	39.4	21.8	0.5	125
\$029526		143	1.2	22.6	289	41.9	22.5	0.5	128
\$029526CD		143	1.2	22.3	296	41.8	21.9	0.5	129
\$029527		145	1.1	21.3	323	43.3	23.1	0.5	133
\$029528		138	1.9	18.8	434	42.4	22.9	0.4	123
\$029529		68	2.3	24.8	6080	17.9	12.3	0.2	57
\$029530		141	2.2	8.4	202	31.5	29.8	0.4	77
\$029531		213	1.4	20.9	202	9.7	16.6	0.4	44
\$029532		312	0.7	16.2	137	10.7	19.9	0.5	47
\$029533		276	0.6	14.9	255	11.3	21.0	0.4	50
\$029534		282	0.6	13.9	179	10.4	20.7	0.5	51
\$029535		261	0.7	13.8	158	11.4	20.5	0.4	54
\$029536		247	0.9	12.0	123	11.8	21.5	0.4	55
\$029537		252	0.8	12.9	475	11.3	19.9	0.4	57
\$029538		263	1.9	12.6	429	10.8	21.0	0.4	43



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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**CERTIFICATE OF ANALYSIS VA20192537** 

Page: 3 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 18-SEP-2020 Account: PREBOW

									CERTIFICATE OF ANALESIS				V/120132331			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029539		2.58	0.005	1.49	7.27	123.0	1150	0.62	0.26	7.93	10.60	15.00	16.1	18	3.69	127.5
\$029540		1.60	<0.005	0.01	0.11	0.2	30	0.05	0.02	34.4	0.04	1.14	1.5	1	0.06	2.9
\$029541		3.30	0.008	1.34	7.72	61.6	1000	0.72	0.28	5.04	1.79	11.40	19.9	19	3.49	131.0
\$029542		6.60	7.13	3.82	6.66	>10000	190	0.94	0.46	4.70	14.50	5.84	19.6	19	6.21	141.0
\$029543		5.94	0.116	2.21	6.66	1960	260	0.87	0.32	3.41	5.65	4.17	20.3	18	5.11	124.0
S029544		3.92	0.017	1.17	6.84	147.5	200	0.70	0.23	7.08	1.61	9.24	20.8	14	4.06	101.0
S029545		3.70	0.010	0.81	6.69	109.0	760	0.69	0.33	11.50	1.00	15.70	17.8	11	2.98	74.9
S029546		5.02	0.010	0.83	7.56	22.2	730	0.80	0.30	5.09	1.03	11.15	22.8	18	3.86	115.0
S029546CD		<0.02	0.010	0.77	7.81	22.3	850	0.82	0.30	4.88	0.89	11.65	22.2	18	3.93	112.5
S029547		6.00	<0.005	0.77	7.50	10.8	730	0.82	0.36	3.44	1.97	9.55	20.6	18	4.93	134.5
\$029548		6.54	<0.005	0.71	7.79	9.8	1240	0.74	0.28	3.95	0.83	12.85	19.7	21	5.04	123.0
\$029549		5.94	0.005	0.78	7.49	15.6	660	0.70	0.27	5.33	5.77	10.25	21.9	19	5.65	125.5
\$029550		0.18	0.972	11.50	6.08	308	1030	1.00	0.17	3.64	4.41	25.5	10.3	27	6.88	82.4
\$029551		6.40	<0.005	0.63	7.62	7.6	1550	0.78	0.18	4.77	1.43	13.35	18.6	21	5.01	117.5
\$029552		6.30	<0.005	0.71	7.73	5.5	1210	0.74	0.24	2.91	1.78	10.50	18.4	18	4.28	122.5
\$029553		6.18	<0.005	0.80	7.40	7.6	940	0.74	0.30	2.39	3.71	8.83	18.3	19	4.11	142.0
\$029554		3.72	<0.005	0.84	7.90	5.9	1310	0.69	0.34	2.06	5.34	10.10	19.3	18	4.57	155.5
\$029555		4.14	<0.005	0.69	7.60	3.4	1720	0.72	0.33	2.63	3.50	10.25	17.6	17	4.11	121.0
\$029556		1.92	<0.005	0.88	7.61	5.0	730	0.73	0.53	2.48	20.1	11.15	19.8	18	3.65	132.0
\$029557		5.16	<0.005	0.91	7.60	2.9	880	0.74	0.60	2.85	11.70	9.62	18.7	17	3.75	153.5
\$029558		2.12	<0.005	0.83	7.46	4.7	1670	0.72	0.42	6.20	8.84	12.30	20.1	20	2.20	138.5
\$029559		4.10	<0.005	1.04	7.50	4.0	690	0.75	0.64	4.04	1.09	10.75	26.0	27	3.21	171.0
\$029560		1.28	<0.005	0.01	0.08	13.7	20	0.06	0.02	33.2	0.04	0.95	0.7	1	<0.05	1.4
\$029561		2.12	<0.005	1.06	7.41	4.4	510	0.64	0.52	5.55	1.68	16.25	26.6	26	2.56	183.5
\$029562		3.92	<0.005	0.86	7.92	8.6	1330	0.88	0.28	6.00	1.04	18.85	27.6	35	3.17	168.5
S029563		5.88	<0.005	0.59	7.41	10.0	1650	0.64	0.21	7.13	1.52	14.40	23.8	44	3.05	111.0
S029564		6.26	0.007	0.55	7.19	11.5	840	0.67	0.23	6.23	2.29	13.40	24.4	42	3.36	105.0
S029565		6.26	0.006	0.62	7.33	8.8	630	0.73	0.26	5.73	1.32	12.45	25.8	25	3.52	131.0
S029566		6.90	0.010	0.69	7.12	16.6	460	0.73	0.28	6.74	2.12	12.10	27.5	27	3.30	133.0
S029566CD		<0.02	0.009	0.73	7.00	16.1	440	0.84	0.27	6.77	2.22	12.50	28.7	26	3.33	138.5
\$029567		2.10	0.011	0.71	6.44	26.8	570	0.67	0.37	11.70	1.08	12.55	22.5	20	3.40	113.0
\$029568		4.16	<0.005	0.68	7.47	13.6	1290	0.71	0.51	5.72	0.51	11.40	28.9	50	2.75	128.0
\$029569		6.56	<0.005	0.55	7.03	29.1	1880	0.74	0.42	7.28	0.47	11.55	27.9	99	3.49	101.5
\$029570		0.18	5.91	78.7	6.24	293	850	0.92	1.18	2.02	22.6	25.4	10.6	23	7.50	115.5
\$029571		3.30	0.005	0.66	5.80	31.3	1180	1.16	0.46	8.43	0.18	8.90	30.1	181	2.69	93.7
\$029572		1.72	<0.005	0.97	4.43	157.0	770	0.63	0.31	20.6	18.05	8.16	19.8	103	3.89	59.8
\$029573		3.70	<0.005	0.61	5.47	179.0	1450	0.78	0.39	10.45	2.63	9.04	27.0	199	2.12	89.6
\$029574		5.76	<0.005	0.65	6.36	21.9	1470	0.80	0.57	7.80	1.27	10.35	31.3	135	3.48	94.7
\$029575		5.96	<0.005	0.70	7.40	15.7	480	0.69	0.88	5.06	0.97	10.70	33.9	44	2.72	87.3
\$029576		6.50	<0.005	0.58	7.16	11.9	1450	0.59	1.00	3.75	1.86	9.14	30.8	26	1.61	106.5



To: PRETIVM
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1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20192537** 

Page: 3 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 18-SEP-2020 Account: PREBOW

									CERTIFICATE OF ANALETSIS			V/120132337				
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029539		5.74	13.40	0.12	0.4	0.035	3.22	7.5	42.4	1.76	2070	1.17	1.99	5.3	9.5	1710
\$029540		0.14	0.35	<0.05	0.1	<0.005	0.03	1.2	1.4	2.40	151	0.05	0.05	0.2	<0.2	70
\$029541		5.78	14.90	0.08	0.5	0.042	3.74	5.2	38.5	1.60	1550	1.79	2.45	6.1	13.2	1970
\$029542		7.63	16.20	0.10	0.4	0.083	3.89	2.6	23.6	0.99	949	2.29	0.21	5.4	13.3	1760
\$029543		6.82	15.90	0.09	0.4	0.050	4.33	1.9	35.5	1.48	1420	4.54	0.74	5.5	11.9	1860
\$029544 \$029545 \$029546 \$029546CD \$029547		6.59 5.04 6.11 6.12 6.28	13.05 12.75 16.35 16.10 16.05	0.07 0.07 0.11 0.11 0.11	0.4 0.6 0.5 0.5	0.038 0.040 0.046 0.043 0.043	4.00 2.86 4.02 4.09 4.65	4.4 7.8 4.9 5.2 4.4	29.0 26.3 34.4 34.1 34.5	1.24 1.30 1.90 1.93 2.26	1730 1930 1760 1750 1880	1.29 1.42 1.11 1.07 0.94	1.69 2.08 2.22 2.20 1.71	5.3 4.6 6.2 6.1 6.2	9.9 8.8 12.5 12.4 11.6	1760 1540 2090 2140 2070
\$029548		5.56	15.75	0.14	0.5	0.045	4.46	5.8	33.8	2.20	1860	1.00	1.65	6.1	11.2	1950
\$029549		5.68	14.75	0.06	0.4	0.073	4.78	4.9	34.6	1.61	1680	1.35	0.85	5.5	11.7	1870
\$029550		3.89	12.95	0.05	1.2	0.047	3.76	12.4	14.5	0.55	1380	9.16	0.20	4.9	20.0	900
\$029551		4.97	15.50	0.10	0.7	0.054	4.72	6.9	36.8	1.73	1820	1.27	1.32	5.6	11.4	1830
\$029552		5.20	14.20	0.08	0.5	0.042	4.50	5.0	35.4	1.79	1670	1.09	2.18	5.4	10.2	1910
\$029553		5.38	14.55	0.07	0.5	0.071	4.69	4.0	40.0	1.84	1670	1.14	1.93	5.6	10.9	2000
\$029554		5.66	15.40	0.07	0.5	0.071	4.95	4.8	41.4	2.10	1820	1.13	1.82	5.9	10.5	2040
\$029555		4.98	14.50	0.08	0.6	0.054	4.75	5.0	29.9	1.53	1640	1.18	1.97	5.6	10.2	1930
\$029556		6.07	15.50	0.09	0.5	0.173	4.50	5.4	31.8	1.63	1780	1.00	1.92	5.9	10.6	1920
\$029557		6.63	14.85	0.07	0.4	0.124	4.34	4.4	31.2	2.03	1990	1.29	1.99	5.6	10.0	2090
\$029558		6.75	15.25	0.08	0.7	0.102	3.21	6.4	39.0	2.11	2100	1.68	1.56	5.1	11.0	2000
\$029559		7.46	15.35	0.09	0.6	0.055	3.64	5.0	31.6	2.52	2020	1.44	2.05	5.4	15.0	2240
\$029560		0.14	0.29	0.07	<0.1	<0.005	0.02	1.1	1.3	2.25	145	0.07	0.03	0.1	0.8	70
\$029561		7.19	15.00	0.07	0.7	0.060	3.09	8.2	30.8	2.24	2010	1.83	2.15	5.4	14.7	1930
\$029562		6.35	16.45	0.06	0.9	0.082	3.16	9.2	33.6	2.25	1960	2.24	2.26	5.7	19.6	2570
\$029563		5.69	14.60	0.05	1.1	0.075	3.92	7.4	36.2	2.48	2100	1.33	1.44	4.4	21.1	2920
\$029564		5.62	14.05	0.06	0.8	0.122	4.34	6.8	29.9	2.14	1900	1.48	1.12	4.2	19.9	1980
\$029565		6.27	14.20	0.07	0.6	0.074	4.73	5.7	36.8	2.33	1900	1.37	1.20	4.5	16.9	2190
\$029566		6.96	14.35	0.06	0.6	0.086	4.26	5.8	39.6	2.39	1980	2.08	0.83	4.1	17.0	1900
\$029566CD		7.01	15.20	0.07	0.6	0.081	4.12	6.0	41.9	2.41	2000	1.82	0.84	4.2	17.7	1950
\$029567		5.77	12.50	0.06	0.6	0.044	3.87	6.3	33.4	1.73	1830	1.30	0.85	3.2	13.2	1980
\$029568		6.39	13.75	0.07	0.6	0.051	3.76	5.0	45.6	2.70	2120	1.15	1.72	3.6	20.8	1940
\$029569		6.43	13.55	0.05	0.6	0.064	2.65	5.4	54.9	3.28	2250	1.00	1.64	3.3	36.9	2240
\$029570		4.71	12.75	0.07	1.3	1.350	3.65	12.8	13.3	0.48	1180	9.11	0.23	5.3	15.8	930
\$029571		7.49	11.10	<0.05	0.8	0.100	1.73	4.3	54.5	4.40	2400	0.82	1.32	3.1	40.2	2050
\$029572		5.18	9.77	<0.05	0.5	0.061	1.59	4.4	35.2	1.89	2270	0.63	0.31	2.0	24.1	1260
\$029573		5.85	9.66	<0.05	0.7	0.067	1.48	4.3	40.9	3.79	2200	0.78	1.62	2.7	41.6	2230
\$029574		7.68	12.25	<0.05	0.8	0.088	1.91	5.1	45.5	4.39	2260	1.15	1.54	3.1	36.0	1770
\$029575		8.04	13.45	0.05	0.6	0.076	3.06	4.9	40.5	3.32	1880	1.80	1.76	3.3	22.3	1780
\$029576		7.90	15.60	0.05	0.6	0.076	2.22	3.7	53.4	3.24	2050	1.59	2.43	3.4	18.4	1880



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20192537** 

Page: 3 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 18-SEP-2020 Account: PREBOW

								<u> </u>	CERTIFICATE OF ANALISIS				VA20192337			
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$029539 \$029540 \$029541 \$029542		279 1.0 45.6 280	88.7 0.8 81.7 144.5	0.006 <0.002 0.006 0.004	2.41 0.02 2.59 5.61	6.49 0.08 7.42 439	26.3 0.4 28.5 30.8	5 2 4 13	0.5 <0.2 0.6 0.7	318 82.9 376 156.5	0.26 <0.05 0.31 0.26	0.06 <0.05 0.06 0.44	0.88 0.07 0.88 0.66	0.309 0.007 0.364 0.348	1.77 0.02 2.30 3.01	0.4 0.1 0.4 0.3
\$029543 \$029544 \$029545 \$029546 \$029546CD		237 27.2 14.7 21.2 19.8	105.0 102.0 88.7 83.5 87.9	0.003 0.003 0.005 0.011 0.011	4.29 4.53 3.33 2.69 2.65	63.9 9.99 6.25 6.07 5.76	27.8 24.4 24.3 30.9 31.4	6 5 5 5 5	0.6 0.6 0.5 0.7 0.6	282 353 483 480	0.27 0.27 0.22 0.30 0.30	0.10 0.06 0.05 0.10 0.08	0.55 0.75 0.86 0.72 0.76	0.356 0.321 0.282 0.386 0.394	2.95 2.47 1.59 2.68 2.76	0.3 0.4 0.4 0.4 0.3
\$029547 \$029548 \$029549 \$029550 \$029551		18.3 14.8 20.6 142.5 16.9	86.5 109.5 122.0 169.0 148.5	0.010 0.011 0.006 0.007 0.007	2.90 2.37 2.84 2.75 2.00	7.33 7.84 18.00 5.18	27.5 29.4 28.2 10.9 30.2	6 4 3 1 2	0.6 0.6 0.7 1.5 0.9	445 467 512 190.5 490	0.31 0.31 0.27 0.29 0.27	0.08 0.09 0.10 0.32 0.06	0.63 0.82 0.67 2.99 0.94	0.382 0.361 0.369 0.251 0.334	2.76 2.72 3.11 3.04 3.02	0.4 0.4 0.3 1.7 0.5
\$029552 \$029553 \$029554 \$029555 \$029556 \$029557		19.6 17.4 17.6 30.3 41.0 31.1	81.4 97.2 100.5 109.0 89.5	0.019 0.007 0.007 0.006 0.006 0.003	2.28 2.37 2.28 2.00 2.83 2.93	4.52 4.19 3.93 3.86 5.59 5.21	27.3 25.5 27.1 26.2 27.7 30.0	2 3 3 3 4 4	0.5 0.6 0.6 0.6 0.7 0.6	480 457 480 485 490 523	0.27 0.29 0.29 0.29 0.29 0.27	0.08 0.09 0.06 0.07 0.11	0.79 0.64 0.81 0.82 0.80 0.60	0.339 0.350 0.343 0.332 0.330 0.381	2.74 3.06 3.36 3.06 2.69 2.62	0.4 0.4 0.5 0.4 0.3
\$029558 \$029559 \$029560 \$029561 \$029562		54.2 46.0 0.6 79.0 58.1	76.9 79.5 0.5 82.5 96.5	0.004 0.006 <0.002 0.006 0.014	2.87 3.53 0.02 3.59 2.93	5.34 7.16 0.09 6.24 7.41	31.9 34.1 0.3 34.9 37.5	4 4 1 4 3	0.8 0.8 <0.2 0.8 0.8	480 555 80.1 568 614	0.25 0.25 <0.05 0.25 0.25	0.12 0.11 <0.05 0.13 0.13	0.76 0.64 0.05 0.88 1.21	0.397 0.434 0.006 0.405 0.408	1.77 2.21 0.04 1.70 1.98	0.5 0.5 0.1 0.6 1.4
\$029563 \$029564 \$029565 \$029566 \$029566CD		66.4 65.3 36.4 38.6 39.6	113.5 124.0 104.5 105.0 99.8	0.008 0.020 0.009 0.005 0.007	2.16 2.33 2.89 3.39 3.41	7.72 10.40 9.85 11.05 11.55	39.3 35.4 31.9 29.9 30.8	2 3 2 4 3	0.9 0.9 0.8 0.9	521 539 535 523 522	0.24 0.23 0.24 0.25 0.25	0.08 0.10 0.11 0.10 0.09	1.12 0.92 0.75 0.77 0.73	0.408 0.380 0.420 0.391 0.395	2.23 2.47 2.92 2.62 2.56	2.3 1.1 0.6 0.5 0.5
\$029567 \$029568 \$029569 \$029570 \$029571		22.4 21.2 20.7 8750 25.1	120.5 82.9 77.2 150.0 46.9	0.012 0.015 0.012 0.005 <0.002	3.09 2.49 2.37 2.95 2.91	11.80 9.31 10.05 73.6 11.10	29.4 41.4 49.1 11.6 62.4	3 2 2 2 2 3	0.7 0.8 0.7 4.0 0.8	471 543 539 143.5 408	0.18 0.21 0.17 0.35 0.16	0.10 0.10 0.09 0.27 0.07	0.66 0.54 0.74 3.69 0.63	0.341 0.470 0.410 0.253 0.375	2.27 2.36 1.98 3.31 1.61	0.5 0.3 0.7 2.0 0.7
\$029572 \$029573 \$029574 \$029575 \$029576		474 65.8 14.1 17.9 17.9	67.8 39.8 61.4 74.0 29.1	<0.002 0.003 0.004 0.014 0.005	2.58 1.91 3.19 3.75 3.14	10.10 10.20 8.87 6.99 6.27	39.3 62.8 56.7 47.5 39.8	3 2 3 4 3	0.5 0.7 0.8 0.8 0.7	308 429 452 487 528	0.11 0.14 0.16 0.19 0.18	0.07 0.09 0.10 0.14 0.13	0.45 0.61 0.65 0.52 0.39	0.256 0.363 0.399 0.459 0.478	1.29 1.24 1.52 1.86 1.32	0.4 0.8 0.5 0.3 0.2



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(ALS	,								CERTIFICATE OF ANALYSIS VA20192537
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$029539 \$029540 \$029541 \$029542 \$029543		211 3 245 245 249	2.1 0.1 1.6 3.8 4.1	19.2 2.3 13.4 10.5 6.4	1150 7 235 1500 663	11.0 1.9 12.7 8.9 10.2	16.7 4.1 20.7 22.9 22.3	0.4 <0.1 0.4 0.4	39 <5 51 38 45
S029544 S029545 S029546 S029546CD S029547		213 199 274 275 269	2.9 1.6 0.7 0.7 1.1	13.4 18.4 14.1 14.5 12.6	213 156 159 144 280	11.2 12.3 10.6 10.6 10.4	18.7 15.7 19.3 18.5 20.0	0.4 0.3 0.4 0.4 0.5	42 41 50 48 53
S029547 S029548 S029549 S029550 S029551 S029552		246 253 103 222 221	0.8 2.1 4.7 1.2 0.9	14.6 13.5 8.5 15.8 13.2	133 743 475 184 244	11.5 9.3 38.6 17.2 11.6	22.3 19.0 27.5 22.5 20.9	0.5 0.5 0.4 0.4 0.4	50 54 78 52 52
S029553 S029554 S029555 S029556 S029557		236 222 220 225 274	0.8 0.8 0.8 1.0	12.3 13.2 12.4 13.6 13.8	486 682 446 2320 1460	13.3 13.9 13.6 12.1 9.9	22.5 21.7 23.6 23.1 21.6	0.4 0.4 0.4 0.4 0.5	58 52 55 51 45
\$029558 \$029559 \$029560 \$029561 \$029562		263 316 2 298 290	1.5 0.8 <0.1 0.6 0.8	16.2 14.9 2.1 16.7 17.0	1100 184 9 225 164	17.6 13.1 1.1 19.6 21.8	20.5 21.3 4.3 20.4 19.7	0.4 0.5 <0.1 0.4 0.5	47 53 <5 47 49
\$029563 \$029564 \$029565 \$029566 \$029566CD		283 252 253 257 257	1.0 1.0 0.9 1.2 1.2	16.4 15.0 16.0 14.6 14.9	211 300 179 289 288	28.5 19.1 14.2 12.3 13.1	19.8 20.7 19.6 18.4 18.9	0.5 0.5 0.5 0.5 0.5	54 58 57 52 46
\$029567 \$029568 \$029569 \$029570 \$029571		212 295 293 122 325	1.2 1.2 0.9 4.0 0.9	15.0 17.1 16.5 8.9 13.6	134 100 97 1840 79	11.9 12.8 14.8 42.2 19.7	14.7 18.4 17.4 28.8 18.3	0.4 0.5 0.5 0.4 0.4	43 55 45 74 35
\$029572 \$029573 \$029574 \$029575 \$029576		208 310 314 310 319	0.9 1.3 0.7 0.7 0.6	9.7 13.5 14.6 16.7 14.8	1980 317 190 157 277	12.9 18.1 18.2 15.2 11.5	10.0 17.8 18.4 19.1 19.0	0.3 0.4 0.5 0.5	30 36 46 49 59



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(ALS)									С	ERTIFIC	CATE O	F ANAI	_YSIS	VA201	92537	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029577		6.46	<0.005	0.63	7.66	12.9	790	0.58	1.05	3.75	1.44	10.15	29.2	25	1.75	106.0
\$029578		7.28	<0.005	0.50	7.58	13.7	960	0.63	0.78	4.87	1.23	10.65	29.4	18	2.66	109.0
\$029579		6.08	<0.005	0.56	7.39	23.4	850	0.59	0.52	7.32	2.74	10.55	25.9	18	2.66	135.5
\$029580		1.32	<0.005	0.01	0.09	<0.2	20	0.05	0.02	33.9	0.02	1.05	0.6	2	0.07	1.7
\$029581		6.58	<0.005	0.52	7.60	24.6	690	0.57	0.34	5.62	1.45	11.70	29.1	25	2.49	158.0
\$029582		4.06	<0.005	0.57	7.37	20.5	360	0.66	0.43	5.30	0.38	9.77	29.8	20	3.05	185.5
\$029583		2.98	<0.005	0.73	7.52	10.8	310	0.60	0.53	5.26	2.10	11.15	38.7	20	2.98	200
\$029584		5.26	<0.005	0.75	8.12	4.6	390	0.68	1.00	3.22	2.24	10.00	34.1	21	2.38	216
\$029585		6.66	<0.005	0.59	7.92	4.1	540	0.65	0.74	2.90	1.33	11.95	33.8	28	2.15	185.0
\$029586		6.38	<0.005	0.36	7.50	6.7	530	0.69	0.65	2.85	1.33	11.90	30.9	23	2.68	99.5
\$029586CD		<0.02	<0.005	0.36	7.92	6.9	590	0.64	0.64	2.93	1.21	12.25	29.9	23	2.74	99.5
\$029587		6.68	<0.005	0.34	7.97	8.2	320	0.69	0.56	2.91	0.72	11.95	33.5	20	2.61	112.0
\$029588		5.70	<0.005	0.72	7.98	14.1	600	0.84	0.43	5.10	0.33	13.05	30.2	23	3.72	112.5
\$029589		5.40	<0.005	1.53	7.65	45.6	640	1.03	0.28	8.13	0.72	13.00	25.2	28	6.04	92.5
\$029590		0.16	1.100	29.8	5.79	376	420	1.23	0.94	0.65	1.64	29.4	12.6	18	7.68	110.5
\$029591		6.48	0.006	0.76	7.45	308	710	0.81	0.50	7.16	0.71	11.75	29.2	25	3.72	99.4
\$029592		5.10	<0.005	0.28	7.53	27.5	830	1.13	0.35	3.43	0.27	25.7	18.5	15	4.25	52.6
\$029593		4.22	0.009	0.23	7.56	46.6	1160	1.16	0.30	4.69	0.17	29.3	16.7	11	3.88	52.6
\$029594		3.14	0.006	0.42	7.30	303	790	0.91	0.38	8.66	1.30	12.55	25.9	26	3.82	98.6
\$029595		2.54	0.005	0.65	8.18	15.2	550	0.77	0.40	3.18	1.50	10.40	33.6	28	2.75	134.0
\$029596		6.82	<0.005	0.65	7.95	11.8	670	0.70	0.33	3.06	1.81	13.10	29.0	36	2.59	145.0
\$029597		6.30	0.006	0.90	7.70	16.0	520	0.66	0.32	3.70	0.21	11.45	28.0	44	3.48	181.5
\$029598		4.38	0.019	0.73	6.36	165.5	310	0.52	0.40	7.45	2.51	9.31	32.2	37	5.11	162.5
\$029599		3.44	0.043	0.54	7.07	908	1490	0.99	0.21	9.10	4.11	10.80	42.5	64	8.05	96.5
\$029600		1.56	<0.005	0.01	0.08	0.3	20	0.05	0.02	33.4	0.02	0.91	0.7	1	0.07	1.3



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(ALS)									С	ERTIFIC	CATE O	F ANAI	_YSIS	VA201	92537	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029577 \$029578 \$029579 \$029579 \$029580 \$029581		7.95 7.68 6.78 0.13 6.07	13.85 14.15 12.90 0.28 12.30	<0.05 0.07 0.07 0.07 0.06	0.5 0.6 0.7 0.1 0.8	0.066 0.077 0.063 <0.005 0.055	2.51 2.83 3.66 0.03 4.39	4.4 4.7 4.8 1.2 5.3	42.6 47.0 40.4 1.6 36.8	2.90 3.19 2.96 2.06 2.26	1900 2040 2080 143 1610	1.89 2.28 1.79 0.05 1.85	2.45 1.99 1.41 0.03 1.56	3.1 3.2 2.9 0.1 3.0	17.7 16.1 13.6 0.8 14.8	1830 1870 1750 70 1910
\$029582		6.45	13.10	0.08	0.8	0.055	5.09	4.3	29.0	1.96	1440	1.54	1.15	3.1	14.6	1790
\$029583		6.81	15.30	0.09	0.9	0.071	5.37	5.2	29.1	1.93	1500	1.62	0.89	3.3	18.0	1820
\$029584		8.08	15.10	0.13	0.4	0.050	4.49	3.9	42.2	2.80	1910	1.05	1.48	3.3	16.2	1940
\$029585		7.43	14.25	0.10	0.4	0.054	4.07	4.2	40.8	2.94	1880	1.03	1.99	3.3	17.1	1870
\$029586		7.05	13.35	0.09	0.5	0.059	4.17	4.3	43.2	3.15	1910	0.81	1.75	3.2	16.4	1800
\$029586CD		7.03	13.35	0.10	0.4	0.064	4.29	4.7	42.6	3.22	1930	0.78	1.79	3.2	16.2	1770
\$029587		8.26	14.20	0.11	0.4	0.061	4.87	4.7	46.7	2.80	1980	0.80	1.40	3.2	15.8	1790
\$029588		6.89	14.15	0.12	0.6	0.052	4.93	5.5	38.5	2.55	1980	1.34	1.34	3.2	16.7	1720
\$029589		6.14	14.95	0.08	0.7	0.063	4.59	5.2	40.5	2.05	1840	2.20	0.76	3.1	19.1	1580
\$029590		4.41	12.05	0.09	1.2	0.036	2.65	15.9	10.7	0.36	222	4.46	0.19	5.3	13.3	1250
\$029591		6.18	12.30	0.10	0.9	0.051	3.90	5.0	42.2	2.00	1800	1.55	1.65	3.1	17.3	1630
\$029592		5.27	15.55	0.11	1.2	0.047	4.75	11.5	31.8	1.45	1170	1.30	1.76	5.9	8.1	1460
\$029593		5.20	15.95	0.12	1.1	0.050	4.19	14.3	31.6	1.54	1340	1.03	1.64	5.7	7.8	1370
\$029594		6.32	13.35	0.10	0.4	0.056	3.93	5.4	42.4	2.19	1790	1.13	1.10	2.8	15.4	1460
\$029595		8.07	17.30	0.09	0.4	0.051	4.18	4.2	66.2	3.63	2120	1.22	1.41	3.4	20.6	1780
\$029596		7.00	13.95	0.07	0.5	0.064	4.99	5.2	37.2	2.84	1890	1.07	1.61	3.3	17.6	1700
\$029597		6.40	13.35	0.13	0.5	0.061	5.43	4.5	26.4	1.68	1350	2.12	1.28	3.1	20.7	1610
\$029598		6.30	12.45	0.10	0.5	0.050	5.33	4.0	15.4	0.75	1300	3.23	0.40	2.7	20.2	1510
\$029599		4.86	14.50	0.14	0.9	0.177	4.45	4.9	30.2	1.35	1720	3.89	0.12	3.0	23.6	1310
\$029600		0.10	0.28	0.07	<0.1	<0.005	0.03	1.1	1.5	2.39	129	<0.05	0.03	0.1	<0.2	60



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**CERTIFICATE OF ANALYSIS VA20192537** 

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												. / (14/ (1			<u> </u>	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$029577 \$029578 \$029579 \$029579 \$029580 \$029581		20.9 10.7 14.4 0.6 12.7	46.4 62.2 99.1 0.8 107.5	0.003 0.003 <0.002 <0.002 0.004	3.84 3.46 2.94 0.02 2.91	6.13 5.66 5.75 0.11 6.50	39.1 42.6 42.2 0.4 41.0	3 3 2 <1 3	0.5 0.8 0.6 <0.2 0.7	531 555 468 86.9 471	0.19 0.19 0.17 <0.05 0.17	0.14 0.15 0.11 <0.05 0.07	0.45 0.46 0.59 0.06 0.56	0.469 0.483 0.451 0.007 0.456	1.37 1.77 2.12 0.03 2.46	0.2 0.2 0.2 0.1 0.3
\$029582		15.9	108.0	0.004	3.59	6.81	34.3	3	0.9	532	0.17	0.06	0.47	0.435	2.95	0.3
\$029583		26.4	111.5	0.003	3.69	9.82	37.1	4	1.0	550	0.19	0.12	0.49	0.462	3.60	0.3
\$029584		37.0	97.1	0.004	3.60	6.98	38.9	4	0.5	409	0.19	0.12	0.49	0.493	2.54	0.2
\$029585		31.4	84.0	0.003	3.05	6.19	39.0	3	0.5	470	0.18	0.10	0.47	0.463	2.18	0.2
\$029586		18.9	87.7	0.002	2.78	7.17	35.1	2	0.6	486	0.18	0.12	0.47	0.441	2.41	0.3
\$029586CD		19.2	96.6	0.002	2.73	7.08	37.3	2	0.6	497	0.17	0.11	0.50	0.448	2.50	0.3
\$029587		14.0	111.0	0.002	4.06	7.53	36.5	4	0.7	468	0.17	0.19	0.46	0.447	2.84	0.2
\$029588		26.0	132.0	0.008	3.20	8.12	37.6	4	0.7	501	0.18	0.08	0.57	0.436	3.14	0.3
\$029589		35.5	153.5	0.006	2.92	10.20	36.2	3	0.7	340	0.17	0.07	0.60	0.416	3.36	0.3
\$029590		52.5	124.0	<0.002	4.04	36.1	14.1	6	1.7	135.5	0.28	0.28	2.79	0.296	2.17	1.1
\$029591		20.3	105.0	0.006	2.52	17.75	34.5	2	0.6	391	0.16	0.15	0.60	0.406	2.30	0.3
\$029592		8.7	116.0	0.004	2.35	6.75	20.9	3	0.9	435	0.33	0.15	2.11	0.420	2.71	1.2
\$029593		7.1	118.0	0.004	2.05	5.93	20.0	2	0.8	504	0.31	0.12	2.21	0.400	2.37	1.2
\$029594		8.2	119.0	0.009	2.74	13.00	32.4	4	0.6	391	0.15	0.14	0.55	0.366	2.29	0.3
\$029595		9.0	88.0	0.004	2.76	6.82	41.5	3	0.6	405	0.20	0.11	0.54	0.449	2.69	0.2
\$029596		9.1	110.5	0.004	2.73	6.40	39.4	3	0.6	434	0.18	0.13	0.62	0.428	2.68	0.3
\$029597		10.8	137.0	0.005	3.02	5.75	39.7	2	0.7	390	0.17	0.12	0.57	0.426	2.96	0.3
\$029598		69.2	117.0	0.007	3.78	12.40	33.8	3	0.5	302	0.15	0.16	0.55	0.371	3.98	0.3
\$029599		100.5	172.0	0.007	1.38	27.0	35.3	2	1.7	213	0.15	0.15	0.73	0.332	2.88	0.3
\$029600		0.5	0.8	<0.002	0.01	0.09	0.2	1	<0.2	82.8	<0.05	<0.05	0.06	0.006	0.03	0.1



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1055 DUNSMUIR STREET
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Page: 4 - D Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 18-SEP-2020 Account: PREBOW

(ALS	,								CERTIFICATE OF ANALYSIS VA20192537
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$029577		308	0.8	15.6	225	10.4	19.9	0.5	59
\$029578		315	0.8	16.6	195	13.5	18.9	0.5	56
\$029579		295	0.7	17.0	391	18.1	17.7	0.5	49
\$029580		3	<0.1	2.3	4	1.6	3.5	0.1	7
\$029581		298	0.6	17.9	205	19.0	19.7	0.5	50
\$029582 \$029583 \$029584 \$029585 \$029586		275 289 309 295 274	0.5 0.5 0.8 0.9	16.0 17.2 17.7 17.0 17.8	70 270 372 256 258	21.7 22.9 8.2 9.2 11.0	20.3 20.6 19.7 21.4 20.3	0.6 0.6 0.5 0.5	57 52 52 60 55
\$029586CD		274	1.0	17.8	241	10.2	21.3	0.5	57
\$029587		285	0.8	18.5	157	10.0	20.7	0.5	51
\$029588		281	0.9	18.4	79	14.5	19.3	0.5	59
\$029589		262	1.5	16.3	124	14.6	17.8	0.4	55
\$029590		137	2.2	8.8	196	36.3	32.9	0.4	78
\$029591		256	1.6	15.3	134	9.7	18.0	0.4	49
\$029592		182	1.3	21.7	69	33.2	22.7	0.5	107
\$029593		169	1.3	22.3	55	30.5	21.4	0.5	109
\$029594		237	1.3	15.7	224	10.7	16.6	0.4	44
\$029595		295	1.0	17.6	270	7.2	18.8	0.5	52
\$029596		275	1.1	17.6	304	12.8	21.5	0.5	60
\$029597		283	2.2	16.0	58	13.0	21.8	0.5	56
\$029598		253	3.5	11.3	266	14.5	18.8	0.5	42
\$029599		233	1.4	15.1	513	28.0	19.7	0.4	38
\$029600		2	<0.1	2.1	6	1.4	3.0	<0.1	<5



To: PRETIVM
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Page: Appendix 1 Total # Appendix Pages: 1 Finalized Date: 18-SEP-2020 Account: PREBOW

CERTIFICATE	OE		VA20192	7527
CERTIFICATE	UE	ANALISIS	VAZUI9Z	<b></b>

		<del>_</del>												
		CERTIFICATE COM	MENTS											
		ANALY	TICAL COMMENTS											
	REEs may not be totally s													
Applies to Method:	ME-MS61	orable III tills illetiloa.												
		LAROR	TORY ADDRESSES											
			ATORY ADDRESSES											
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  Au-AA23 BAG-01 CRU-31 CRU-QC													
Applies to Method.	LOG-21	LOG-21d	LOG-23	ME-MS61										
	PUL-32m	PUL-32md	PUL-QC	pXRF-34										
	SPL-21	SPL-21d	WEI-21	part 34										
	5	0. = =												



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218

www.alsglobal.com/geochemistry

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Page: 1 Total # Pages: 3 (A - D) Plus Appendix Pages Finalized Date: 17-SEP-2020 This copy reported on

27-JAN-2021 Account: PREBOW

## VA20192973

Project: Bowser Regional Project

P.O. No.: BOW-1095

This report is for 68 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 2-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
KEN MCNAUGHTON	STEPHAINE WAFFORN	

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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**CERTIFICATE OF ANALYSIS VA20192973** 

Page: 2 - A Total # Pages: 3 (A - D) Plus Appendix Pages Finalized Date: 17-SEP-2020 Account: PREBOW

									CERTIFICATE OF ANALTSIS				3 VA20132373			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$039001		4.66	0.034	0.36	7.61	22.0	2520	0.74	0.06	3.59	0.08	17.40	13.0	28	1.44	96.0
\$039002		5.04	0.070	1.32	7.12	68.7	360	0.72	0.23	3.78	1.64	12.05	13.9	27	1.23	132.0
\$039003		5.26	0.024	0.51	8.38	20.7	1150	1.16	0.13	2.73	1.72	18.95	11.4	26	1.34	204
\$039004		4.98	0.022	0.50	7.00	17.4	1210	0.62	0.18	3.86	0.20	14.10	19.0	26	1.27	115.5
\$039005		4.54	0.041	0.67	7.89	18.9	1890	0.65	0.17	3.62	0.04	16.35	8.9	27	0.93	184.0
\$039006		4.96	0.024	0.44	7.90	30.5	1980	0.59	0.17	3.23	0.04	19.60	11.6	40	0.88	146.0
\$039006CD		<0.02	0.026	0.41	7.83	30.2	1870	0.56	0.17	3.23	0.05	20.3	11.7	39	0.88	139.0
\$039007		4.46	0.036	0.63	7.93	28.8	1200	1.08	0.17	3.07	0.05	15.85	17.7	22	1.85	278
\$039008		5.08	0.051	1.06	7.62	40.9	350	1.19	0.26	4.18	0.10	10.20	18.9	15	2.49	313
\$039009		6.16	0.040	0.69	7.68	30.0	1370	1.26	0.38	4.10	0.09	16.45	10.6	18	1.72	198.0
\$039010		0.18	5.16	79.1	6.19	295	790	0.97	1.14	2.00	24.0	25.4	11.1	24	7.92	116.5
\$039011		5.94	0.033	1.25	7.97	38.0	790	1.27	0.27	4.58	0.32	18.20	23.3	19	1.95	469
\$039012		5.88	0.031	1.01	7.58	44.8	1280	0.76	0.20	3.41	0.22	25.9	15.3	59	1.22	339
\$039013		6.14	0.123	1.67	7.04	60.4	340	0.87	0.52	3.32	0.26	21.1	14.1	43	1.62	381
\$039014		5.04	0.105	2.20	6.67	64.4	280	0.67	0.42	3.95	0.25	17.45	17.4	44	1.46	387
\$039015		6.16	0.116	1.86	6.77	64.6	330	0.73	0.60	3.88	0.18	17.40	18.3	48	1.51	280
\$039016		7.34	0.063	1.05	7.51	44.8	420	0.82	0.32	3.04	0.06	21.2	12.4	55	1.51	310
\$039017		5.64	0.181	0.84	7.36	27.2	1170	0.94	0.50	2.99	0.05	19.55	10.2	46	1.31	161.0
\$039018		5.38	0.038	0.33	7.87	32.4	2090	1.22	0.38	3.02	0.05	25.7	11.1	58	1.30	72.7
\$039019		5.02	0.239	0.25	7.73	22.8	2370	1.25	0.33	3.11	0.04	20.4	6.3	44	1.46	48.9
\$039020		0.90	<0.005	0.02	0.10	<0.2	30	0.08	0.01	33.2	<0.02	1.17	1.3	1	0.05	2.1
\$039021		5.60	0.239	0.37	7.61	28.7	1480	1.24	0.72	5.73	0.08	26.6	10.6	40	1.65	78.2
\$039022		5.56	0.355	0.83	7.49	24.7	2090	1.25	0.75	3.52	0.66	19.50	12.6	49	2.19	76.7
\$039023		5.94	0.038	0.50	7.99	30.5	1900	1.19	0.41	2.93	0.08	21.3	8.0	55	1.79	99.2
\$039024		5.40	0.018	0.25	8.66	26.8	2200	1.48	0.38	2.82	0.05	19.70	7.6	52	2.75	48.9
\$039025		5.56	0.015	0.28	7.97	29.5	2180	1.24	0.30	2.96	0.11	21.2	7.6	77	1.87	52.4
\$039026		6.06	0.032	0.46	7.55	33.9	2460	0.89	0.37	3.26	0.14	26.2	7.3	54	1.72	114.0
\$039026CD		<0.02	0.033	0.48	7.55	35.6	2530	0.94	0.37	3.37	0.11	25.0	7.5	54	1.68	115.0
\$039027		5.12	0.022	0.26	7.52	32.9	2900	1.12	0.26	3.20	0.06	19.15	9.9	30	1.95	65.5
\$039028		4.00	0.045	0.39	7.63	52.0	1500	1.21	0.23	3.38	0.44	22.9	5.8	36	2.68	92.4
\$039029		3.44	0.006	0.05	7.46	11.3	2040	1.74	0.05	1.98	0.03	26.8	5.0	24	3.28	19.9
\$039030		0.16	1.150	28.4	5.83	342	1090	1.28	0.94	0.67	1.75	29.3	13.9	19	8.26	110.0
\$039031		5.22	0.193	0.33	7.82	18.8	1640	1.14	0.45	3.30	0.07	19.55	7.3	43	2.28	103.0
\$039032		6.46	0.258	0.47	7.48	24.8	950	0.93	0.46	3.64	0.18	20.1	7.5	48	2.23	138.5
\$039033		6.06	0.053	0.42	7.51	17.3	1910	0.77	0.37	4.34	0.51	21.2	8.5	39	2.03	95.7
\$039034		5.46	0.100	0.44	8.64	17.8	2020	1.50	0.33	2.89	0.08	16.40	8.7	26	5.36	95.5
\$039035		5.38	0.110	0.49	8.41	23.4	2150	1.32	0.18	3.23	0.11	23.3	9.6	37	4.02	121.0
\$039036		6.70	0.129	1.41	7.49	58.0	560	1.48	0.42	3.66	0.55	23.1	18.1	42	4.42	192.5
\$039037		6.96	0.043	0.86	7.77	47.5	1420	1.36	0.28	4.21	0.09	26.1	16.4	130	3.30	121.0
\$039038		5.98	0.015	0.35	8.31	21.2	1400	1.61	0.08	3.52	0.05	18.10	11.4	63	3.68	37.5



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**CERTIFICATE OF ANALYSIS VA20192973** 

Page: 2 - B Total # Pages: 3 (A - D) Plus Appendix Pages Finalized Date: 17-SEP-2020 Account: PREBOW

									CERTIFICATE OF ANALETSIS		_ 1 3 1 3	5 V/(20132373				
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$039001		4.05	16.55	0.09	0.9	0.170	4.60	8.0	16.7	1.23	829	1.00	2.51	9.1	13.8	1470
\$039002		4.62	14.05	0.05	0.9	0.077	3.05	5.5	18.0	1.11	641	2.09	3.17	7.9	12.4	1390
\$039003		4.76	19.55	0.06	0.7	0.046	2.03	8.4	23.2	1.47	734	2.22	4.37	9.0	13.6	1770
\$039004		3.35	13.25	0.08	0.8	0.043	4.81	6.4	16.8	0.95	659	6.17	2.44	9.0	16.9	1450
\$039005		4.62	16.50	0.08	0.8	0.055	3.16	7.8	19.8	1.25	736	0.85	3.68	9.3	19.3	1660
\$039006		4.59	15.30	0.09	0.9	0.056	3.76	9.5	19.8	1.12	640	1.00	3.31	9.6	24.8	1760
\$039006CD		4.53	14.65	0.07	0.9	0.046	3.68	9.9	19.3	1.10	634	0.91	3.19	9.3	24.3	1730
\$039007		5.75	17.10	0.07	0.7	0.054	3.73	7.6	26.6	1.50	778	1.05	2.77	8.5	16.0	1620
\$039008		6.26	17.20	0.07	0.6	0.120	4.11	4.6	29.5	1.67	981	7.08	2.03	7.0	12.1	1790
\$039009		5.33	19.25	0.07	0.7	0.200	2.76	7.8	28.8	1.70	933	1.12	3.04	7.3	7.5	1920
\$039010		4.69	13.40	0.06	1.3	1.440	3.67	12.1	13.8	0.48	1180	9.63	0.23	5.6	16.8	950
\$039011		7.47	19.45	<0.05	0.8	0.233	1.83	9.2	37.4	1.95	1120	1.05	2.88	7.4	13.0	2050
\$039012		5.28	15.00	0.11	1.1	0.209	3.89	15.8	23.2	1.27	805	1.36	2.34	7.2	33.5	1410
\$039013		5.89	15.15	0.11	1.0	0.156	3.39	11.8	20.6	1.13	725	1.63	2.59	7.1	32.5	1460
\$039014		6.74	13.90	0.10	1.0	0.138	4.11	8.4	22.8	1.21	822	1.98	1.74	6.7	25.8	1610
\$039015		6.44	14.25	0.09	1.0	0.103	4.72	8.1	21.0	1.11	720	3.90	1.66	6.8	31.1	1390
\$039016		5.13	14.95	0.12	1.0	0.090	4.33	11.7	22.6	1.10	608	1.41	2.31	8.1	34.7	1490
\$039017		4.06	16.60	0.14	1.2	0.123	4.71	10.2	21.5	1.09	590	1.13	2.44	8.4	26.1	1410
\$039018		3.82	17.25	0.18	1.2	0.183	3.95	14.5	21.3	1.34	697	1.32	2.87	8.6	39.4	1470
\$039019		3.50	16.85	0.14	1.0	0.174	4.37	10.7	20.4	1.26	660	1.08	2.82	9.8	21.9	1530
\$039020 \$039021 \$039022 \$039023 \$039024		0.12 4.33 3.74 3.96 4.01	0.30 16.25 16.80 18.45 19.65	<0.05 0.09 0.12 0.13 0.15	0.1 0.9 1.0 1.1	<0.005 0.234 0.194 0.254 0.228	0.03 2.92 4.31 3.75 4.56	1.3 15.5 9.9 11.4 10.2	1.6 23.0 21.8 23.7 27.5	2.13 1.51 1.35 1.43 1.61	133 1010 724 744 747	<0.05 1.07 1.12 1.02 1.58	0.04 2.96 2.55 3.07 2.44	0.2 8.2 9.3 9.7 11.2	<0.2 37.2 27.3 34.6 30.4	80 1450 1500 1450 1600
\$039025		3.61	18.15	0.15	1.1	0.193	4.25	11.0	25.2	1.54	732	1.15	2.65	10.0	35.9	1410
\$039026		3.53	16.25	0.14	1.1	0.163	4.97	14.5	23.4	1.28	666	2.60	2.02	8.7	27.5	1550
\$039026CD		3.61	16.25	0.13	1.1	0.163	5.07	13.9	23.6	1.30	683	1.55	2.04	8.7	27.8	1570
\$039027		3.23	16.85	0.14	0.9	0.122	5.22	9.6	24.4	1.45	658	3.02	1.97	11.5	21.9	1390
\$039028		3.53	17.80	0.14	1.0	0.132	3.54	12.8	23.7	1.32	705	1.17	2.85	9.8	24.1	1540
\$039029		2.07	16.25	0.17	1.5	0.050	4.17	12.6	24.4	1.27	453	0.82	2.08	11.9	12.9	860
\$039030		4.42	12.65	0.16	0.9	0.034	2.65	14.3	10.7	0.36	225	4.66	0.19	5.6	14.7	1270
\$039031		3.49	17.50	0.16	0.9	0.147	3.45	10.5	23.0	1.41	653	1.20	3.15	9.3	32.2	1440
\$039032		4.02	16.60	0.15	1.0	0.139	4.78	11.6	21.9	1.33	656	1.60	2.09	10.1	28.2	1480
\$039033		3.52	14.00	0.16	0.8	0.096	4.33	11.9	22.1	1.33	750	0.94	2.21	8.0	20.4	1540
\$039034		4.13	18.30	0.16	0.7	0.086	5.22	8.5	27.8	1.55	607	1.03	1.78	10.5	15.6	1790
\$039035		4.01	18.05	0.17	1.0	0.098	4.96	12.4	26.6	1.52	752	1.36	1.70	10.0	20.9	1590
\$039036		4.99	16.65	0.16	0.9	0.102	4.81	13.3	24.8	1.39	837	1.78	1.21	9.8	32.6	1520
\$039037		4.61	16.50	0.15	1.1	0.088	3.80	14.0	31.5	1.95	1200	1.56	1.57	8.3	82.7	1400
\$039038		3.98	18.30	0.14	1.1	0.051	3.49	8.8	31.1	1.88	996	1.39	2.51	17.0	31.0	1490



To: PRETIVM
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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	92973	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$039001 \$039002 \$039003 \$039004 \$039005		6.1 17.6 5.3 8.7 6.4	109.5 81.8 62.6 89.5 70.1	0.005 0.026 0.024 0.104 0.007	1.21 3.52 1.62 2.03 1.96	2.29 3.02 1.91 1.87 2.37	11.1 11.0 14.3 10.0 13.4	1 3 2 2 2	0.8 0.8 0.5 0.7	302 255 306 277 308	0.54 0.50 0.56 0.57 0.58	0.13 0.59 0.24 0.27 0.22	1.43 1.43 1.25 1.40 1.31	0.316 0.291 0.368 0.304 0.335	1.21 0.86 0.75 1.22 0.80	0.7 0.7 0.5 0.6 0.6
S039006		6.2	88.6	0.008	2.05	1.48	12.3	2	0.7	294	0.58	0.14	1.47	0.350	0.92	0.6
S039006CD		6.1	90.6	0.006	2.04	1.48	12.2	2	0.7	286	0.52	0.13	1.56	0.341	0.92	0.7
S039007		3.9	103.0	0.011	2.42	2.18	15.4	3	0.6	313	0.51	0.30	0.98	0.354	1.05	0.4
S039008		10.8	116.5	0.180	3.74	2.68	22.4	4	0.7	316	0.38	0.53	0.68	0.363	1.34	0.4
S039009		4.8	80.3	0.011	2.08	1.68	23.7	3	1.1	360	0.40	0.39	0.72	0.383	0.86	0.5
\$039010 \$039011 \$039012 \$039013 \$039014		8730 14.0 5.6 6.0 10.6	154.0 74.6 102.0 88.6 103.0	0.005 0.002 0.005 0.012 0.009	2.96 2.91 2.18 3.74 4.29	76.5 2.63 3.11 2.93 3.74	12.4 30.1 15.2 16.0 17.6	2 4 3 4 5	4.1 1.0 0.9 0.9 1.1	142.5 366 277 248 242	0.35 0.40 0.43 0.43 0.38	0.28 0.18 0.13 0.61 0.63	3.43 0.93 2.29 1.71 1.88	0.250 0.414 0.340 0.334 0.333	3.06 0.62 0.94 0.87 1.05	1.9 0.6 1.1 1.0
\$039015		13.5	119.5	0.052	5.12	4.87	14.1	7	1.1	268	0.40	0.52	1.95	0.313	1.19	1.1
\$039016		7.6	119.0	0.007	3.52	3.84	12.5	6	1.0	245	0.50	0.29	2.09	0.323	1.14	1.0
\$039017		7.1	105.5	0.005	2.30	2.69	11.9	3	1.0	288	0.55	0.18	2.14	0.315	1.20	1.0
\$039018		4.0	95.8	0.004	0.91	2.29	13.6	2	0.8	300	0.54	0.10	2.52	0.360	1.03	1.1
\$039019		3.3	101.0	0.003	0.83	1.63	13.1	1	0.7	319	0.61	0.08	1.92	0.336	1.16	0.8
\$039020		2.1	0.6	<0.002	<0.01	0.09	0.3	1	<0.2	82.5	<0.05	<0.05	0.08	0.007	0.02	0.1
\$039021		3.2	83.6	0.003	1.57	1.67	14.6	2	0.8	335	0.47	0.19	2.08	0.308	0.74	0.9
\$039022		9.8	106.0	0.003	1.67	2.01	13.3	2	0.8	288	0.56	0.38	1.93	0.337	1.17	0.8
\$039023		3.8	91.6	0.003	1.18	2.26	13.8	2	0.8	282	0.58	0.11	2.19	0.359	0.99	1.0
\$039024		3.8	135.5	0.002	0.83	2.84	16.2	1	0.7	268	0.66	0.10	2.06	0.366	1.29	0.9
\$039025		4.6	105.0	0.002	0.58	2.67	15.1	1	0.8	278	0.60	0.07	2.12	0.362	1.14	0.9
\$039026		6.7	122.5	0.004	1.00	3.24	14.8	2	0.8	283	0.53	0.10	2.30	0.354	1.35	1.1
\$039026CD		6.6	116.0	0.003	1.02	3.24	14.6	1	0.8	290	0.52	0.09	2.21	0.362	1.35	1.1
\$039027		5.7	116.0	0.002	0.85	2.02	13.5	1	0.6	312	0.67	0.26	1.65	0.329	1.50	0.8
\$039028		11.6	99.1	0.002	1.68	1.96	13.7	2	0.7	274	0.59	0.48	1.76	0.341	1.14	0.8
\$039029		2.2	135.5	<0.002	0.12	1.95	10.6	1	0.4	232	0.70	<0.05	2.45	0.280	1.31	0.8
\$039030		51.9	126.5	<0.002	4.09	36.1	14.8	6	1.7	138.5	0.31	0.29	2.69	0.302	2.25	1.0
\$039031		4.4	91.1	0.002	1.39	1.75	14.5	2	0.9	315	0.54	0.12	1.51	0.331	1.02	0.7
\$039032		7.5	122.5	0.005	2.59	1.92	15.4	4	1.0	294	0.59	0.28	1.81	0.340	1.28	0.9
\$039033		9.8	116.0	0.003	1.83	1.53	15.8	2	0.8	281	0.46	0.31	1.70	0.322	1.11	0.7
\$039034 \$039035 \$039036 \$039037 \$039038		2.7 5.7 30.7 10.3 4.4	161.5 153.5 145.5 124.5 110.5	0.003 0.002 0.005 0.004 0.003	2.01 1.62 3.54 1.73 0.64	2.71 2.68 4.02 3.10 2.21	18.2 17.3 14.6 15.7 16.7	3 2 5 3 1	0.7 0.8 0.9 0.7 0.3	269 254 234 255 312	0.60 0.59 0.57 0.48 0.89	0.28 0.37 0.80 0.44 0.21	1.24 1.95 1.69 2.62 2.29	0.359 0.351 0.324 0.351 0.323	1.56 1.39 1.46 1.08 1.07	0.6 0.9 0.8 1.2



To: PRETIVM
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(ALS)	,								CERTIFICATE OF ANALYSIS VA20192973
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
5039001		150	2.2	13.0	41	25.5	23.7	0.4	82
5039002		144	2.4	12.2	64	26.2	23.6	0.4	79
5039003		188	2.0	13.0	69	20.2	22.0	0.4	80
5039004		142	1.9	12.4	35	27.0	23.9	0.5	86
5039005		175	1.9	12.8	38	21.6	22.3	0.4	85
5039006		165	2.0	15.0	32	26.7	24.2	0.4	84
5039006CD		159	1.8	14.6	31	25.4	23.9	0.4	85
5039007		200	2.1	11.4	42	16.6	21.8	0.4	71
5039008		237	1.9	11.7	54	14.5	19.9	0.4	71
5039009		273	1.6	13.9	53	16.6	21.3	0.4	53
5039010		121	4.3	9.0	1840	42.5	28.5	0.4	80
5039011		320	2.6	15.5	66	19.0	18.8	0.4	51
5039012		178	2.6	15.5	46	34.7	22.8	0.4	93
5039013		186	2.8	12.2	40	30.0	22.7	0.4	79
5039014		205	3.2	12.9	43	29.9	22.0	0.4	79
039015		167	2.7	13.0	36	32.5	22.2	0.5	86
039016		154	2.4	14.5	32	33.9	23.7	0.4	100
039017		150	2.6	13.9	30	36.8	23.6	0.4	104
039018		168	2.4	13.9	30	36.4	23.8	0.4	108
039019		163	2.3	12.2	27	31.0	23.8	0.4	90
5039020		2	<0.1	2.1	3	1.9	3.2	<0.1	9
5039021		159	3.3	17.5	31	30.7	21.3	0.4	82
5039022		163	2.8	12.6	76	30.7	22.8	0.5	99
5039023		173	2.7	13.0	31	35.3	22.8	0.4	101
5039024		196	3.1	12.2	34	31.1	22.7	0.4	94
039025		177	2.4	13.3	39	32.7	24.4	0.4	89
039026		169	2.0	13.9	33	34.2	23.8	0.5	96
039026CD		173	1.9	13.9	34	34.2	23.6	0.5	98
039027		170	1.3	10.9	31	29.2	23.9	0.5	86
039028		168	1.7	11.7	67	31.8	23.2	0.5	93
039029		99	1.4	14.7	28	51.8	27.4	0.4	194
039030		138	2.2	8.1	196	36.6	30.7	0.4	77
039031		173	1.8	11.1	33	26.7	23.6	0.4	82
039032		176	2.0	12.6	38	30.4	23.2	0.4	88
039033		172	2.0	12.2	58	23.1	23.1	0.4	77
5039034		202	2.4	10.2	37	19.7	22.6	0.4	69
5039035		191	2.0	13.1	44	28.5	24.1	0.4	79
5039036		170	3.1	12.2	71	27.9	23.6	0.4	86
5039037		168	3.3	15.2	54	39.3	22.3	0.4	91
5039038		169	2.5	11.5	46	36.9	21.7	0.3	89



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20192973** 

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								<u></u>	CERTIFICATE OF ANALETSIS		3 17120132373					
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$039039		6.16	0.013	0.28	7.32	21.4	1300	1.45	0.08	3.80	0.11	20.7	12.6	94	1.91	35.0
\$039040		1.06	<0.005	0.02	0.08	<0.2	20	0.06	0.01	32.4	<0.02	1.09	1.2	2	0.06	2.1
\$039041		5.54	0.015	0.22	7.34	21.1	1300	1.23	0.09	3.73	0.04	19.75	11.1	118	1.17	30.6
\$039042		6.24	0.019	0.34	8.04	20.2	1370	1.74	0.14	3.40	0.03	21.8	16.1	87	2.81	48.1
\$039043		4.58	0.013	0.29	8.16	15.4	1380	1.51	0.07	3.49	0.04	25.3	15.7	68	1.81	57.6
S039044		6.42	0.017	0.35	7.31	12.4	1500	1.11	0.08	5.08	0.12	26.3	12.2	74	1.05	67.5
S039045		4.52	0.023	0.32	8.24	17.7	2010	1.82	0.08	2.91	0.13	24.3	18.8	88	2.43	88.8
S039046		6.10	0.033	0.43	7.47	22.3	2150	1.49	0.17	4.19	0.94	25.0	20.1	95	1.75	62.2
S039046CD		<0.02	0.038	0.44	7.22	22.8	2110	1.45	0.17	4.10	0.92	25.2	19.4	98	1.71	66.6
S039047		5.64	0.021	0.12	7.52	10.9	1670	1.38	0.09	3.25	0.07	24.9	15.0	100	1.19	47.8
\$039048		4.82	0.022	0.23	7.59	15.9	1710	1.53	0.18	4.04	0.33	28.0	21.2	115	1.70	38.3
\$039049		6.36	0.044	0.59	7.07	22.1	1550	1.17	0.26	6.52	0.62	28.1	15.1	97	1.71	75.7
\$039050		0.18	0.988	12.10	6.12	304	460	1.07	0.16	3.71	4.73	25.6	10.9	26	7.16	85.1
\$039051		3.82	0.042	0.29	6.98	17.4	1770	1.20	0.20	3.53	0.25	27.9	16.5	108	1.62	88.3
\$039052		4.50	0.089	0.58	7.04	23.0	1300	1.20	0.21	4.28	0.86	22.6	22.8	98	2.10	152.5
\$039053		6.36	0.046	0.42	7.14	18.7	2180	1.23	0.23	3.77	0.53	27.8	16.3	104	2.29	113.5
\$039054		5.56	0.017	0.30	7.56	16.1	1900	1.36	0.15	4.09	0.32	27.8	17.5	127	2.11	74.5
\$039055		6.18	0.025	0.37	7.73	24.4	1420	1.38	0.26	4.13	0.17	30.5	17.3	111	2.72	81.2
\$039056		5.88	0.021	0.46	7.65	19.0	1750	1.32	0.24	4.60	0.10	25.5	15.4	103	2.34	54.9
\$039057		4.62	0.021	0.36	7.32	20.4	1710	1.43	0.17	3.60	0.05	26.6	16.1	100	2.38	67.2
\$039058		5.74	0.068	1.38	7.47	25.9	1630	1.10	0.37	4.30	1.54	28.9	23.2	100	2.09	76.0
\$039059		6.06	0.050	0.63	6.99	30.5	1360	1.09	0.26	4.64	4.37	24.3	23.2	91	1.88	149.5
\$039060		0.84	<0.005	0.01	0.22	0.5	30	0.09	0.01	34.1	0.03	1.27	2.3	4	0.07	5.8
\$039061		5.88	0.044	0.38	7.50	20.4	1570	1.47	0.28	4.24	0.10	23.7	17.1	98	2.20	69.8
\$039062		5.18	0.018	0.30	7.30	19.4	1400	1.24	0.21	4.77	0.41	27.7	20.4	106	1.69	68.9
S039063		5.78	0.020	0.37	7.19	17.3	1690	1.32	0.24	3.78	0.93	19.25	17.4	99	2.22	87.7
S039064		5.96	0.019	0.43	7.34	19.8	1720	1.24	0.19	5.10	0.28	27.3	13.8	91	2.09	85.5
S039065		5.38	0.023	0.68	7.47	25.6	1670	1.27	0.17	3.90	0.14	20.9	13.8	79	2.55	151.5



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20192973** 

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								<u></u>	CERTIFICATE OF ARACETSIS		• •/(E0132313					
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61							
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$039039		3.83	16.05	0.14	1.1	0.046	3.21	10.3	29.5	1.97	929	1.08	2.10	8.1	54.0	1290
\$039040		0.11	0.27	<0.05	<0.1	<0.005	0.03	1.2	1.1	2.11	140	<0.05	0.03	0.1	<0.2	70
\$039041		3.69	15.10	0.10	1.2	0.046	2.90	10.2	25.4	1.96	831	1.49	2.65	8.3	74.9	1350
\$039042		4.28	19.05	0.12	1.2	0.035	3.21	11.3	35.7	2.19	939	1.66	2.40	16.4	49.2	1430
\$039043		3.72	17.05	0.15	1.0	0.049	3.01	13.7	26.5	1.78	872	5.15	3.19	13.3	25.2	1560
S039044		3.40	15.10	0.14	1.2	0.053	3.16	13.4	26.9	1.53	959	1.30	2.77	8.7	44.0	1320
S039045		4.15	17.50	0.17	1.1	0.035	4.06	12.6	32.6	1.86	931	1.20	2.32	12.3	46.0	1430
S039046		3.96	16.05	0.13	1.1	0.057	4.47	12.6	23.5	1.65	984	1.71	1.93	7.3	67.6	1300
S039046CD		3.91	16.95	0.12	1.1	0.056	4.39	11.6	22.5	1.63	977	2.17	1.89	7.3	70.1	1300
S039047		3.84	16.20	0.17	1.1	0.058	4.06	11.3	16.5	1.92	840	1.23	2.73	7.4	50.5	1300
\$039048		4.35	18.20	0.13	1.1	0.073	4.20	13.3	27.5	1.64	972	2.64	2.31	8.1	77.3	1430
\$039049		4.59	16.50	0.17	1.4	0.077	3.83	13.6	30.2	1.70	1280	1.74	1.78	7.0	59.2	1250
\$039050		3.97	13.90	0.14	1.2	0.047	3.91	11.6	13.1	0.56	1400	10.50	0.21	5.2	21.4	930
\$039051		4.23	16.50	0.20	1.0	0.060	4.01	13.2	27.2	1.59	874	1.25	2.07	7.3	66.5	1180
\$039052		5.14	16.55	0.18	1.1	0.094	4.03	10.3	33.0	1.85	1020	2.21	1.42	7.1	77.8	1100
\$039053		4.09	16.35	0.17	1.0	0.065	5.06	12.7	23.8	1.51	860	1.60	1.65	7.3	60.1	1250
\$039054		4.19	17.25	0.17	1.2	0.075	4.59	13.0	23.0	1.95	1020	1.38	2.12	7.8	64.7	1410
\$039055		4.90	17.70	0.20	1.2	0.075	4.95	15.2	19.2	1.94	999	4.42	1.52	7.5	76.8	1280
\$039056		4.64	17.55	0.20	1.2	0.078	4.33	12.9	37.2	2.10	1140	1.71	1.73	7.7	65.9	1350
\$039057		4.15	17.35	0.19	1.0	0.069	4.16	13.0	27.5	1.75	951	2.06	1.89	7.6	61.3	1400
\$039058		4.68	16.25	0.18	1.0	0.085	4.32	14.8	26.7	1.59	1010	1.78	1.74	7.1	62.8	1350
\$039059		4.96	15.95	0.17	1.2	0.113	3.84	12.3	29.0	1.62	1080	1.96	1.58	7.0	63.4	1220
\$039060		0.19	0.71	<0.05	0.1	<0.005	0.05	1.3	2.1	2.22	137	0.06	0.10	0.2	1.7	100
\$039061		4.45	17.40	0.12	1.0	0.068	4.31	11.7	29.4	1.63	1020	2.86	1.82	7.5	56.2	1360
\$039062		4.56	16.10	0.12	1.4	0.068	4.11	13.8	29.9	1.85	1190	1.48	1.56	6.8	61.9	1280
S039063		3.81	16.05	0.12	1.0	0.056	4.46	8.8	24.9	1.50	971	3.85	2.00	7.5	57.2	1440
S039064		3.89	15.80	0.16	0.9	0.049	4.49	13.2	23.8	1.42	1090	1.21	1.81	6.9	48.7	1330
S039065		3.84	16.90	0.18	1.0	0.053	4.55	9.9	22.6	1.26	955	2.40	2.10	7.1	45.8	1240



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(ALS)	,								С	ERTIFIC	CATE O	F ANAL	YSIS	VA201	92973	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$039039 \$039040 \$039041 \$039042 \$039043		4.7 5.2 5.6 9.5 4.5	90.1 0.8 70.5 102.0 83.5	0.003 <0.002 0.005 0.005 0.011	0.52 <0.01 0.51 0.74 0.62	1.58 0.06 1.43 1.98 1.49	15.5 0.3 15.1 15.2 17.0	1 1 1 2 2	0.4 <0.2 0.4 0.4	304 78.2 370 314 414	0.48 <0.05 0.51 0.96 0.74	0.09 <0.05 0.08 0.12 0.12	2.50 0.07 2.51 2.54 1.94	0.348 0.006 0.361 0.301 0.348	0.90 0.02 0.75 0.95 0.83	1.1 0.1 1.1 1.3 1.0
\$039044		8.9	79.0	0.004	0.79	1.98	14.1	2	0.6	429	0.50	0.18	2.58	0.331	0.83	1.3
\$039045		6.9	120.5	0.005	0.84	2.12	16.4	3	0.4	470	0.71	0.15	2.42	0.356	1.09	1.1
\$039046		38.4	116.5	0.006	1.11	1.72	15.0	2	0.5	466	0.44	0.32	2.50	0.342	1.13	1.1
\$039046CD		39.6	114.0	0.009	1.09	2.00	15.3	3	0.5	455	0.45	0.27	2.47	0.336	1.12	1.1
\$039047		6.1	95.2	0.004	0.72	1.42	15.0	2	0.9	488	0.43	0.09	2.36	0.350	0.93	1.1
\$039048 \$039049 \$039050 \$039051 \$039052		10.6 15.0 150.5 17.3 23.5	100.0 110.5 169.0 92.5 116.0	0.005 0.006 0.015 0.004 0.006	1.36 1.78 2.79 1.51 2.25	1.71 1.84 19.10 1.55 2.17	16.9 15.5 11.6 14.7 14.4	3 3 3 3 4	1.0 1.2 1.5 1.2	489 415 191.5 420 397	0.47 0.41 0.29 0.41 0.43	0.20 0.45 0.31 0.15 0.29	2.40 2.48 3.11 2.17 2.34	0.378 0.337 0.254 0.346 0.327	1.01 0.94 3.08 0.86 0.99	1.1 1.2 1.7 0.9 1.0
\$039053		18.2	104.5	0.006	1.55	1.73	14.4	4	1.3	444	0.43	0.14	2.31	0.370	1.22	1.0
\$039054		9.7	112.0	0.006	1.11	1.73	16.3	2	1.3	456	0.46	0.22	2.33	0.377	1.11	1.1
\$039055		9.7	151.0	0.009	2.33	2.40	17.0	4	1.2	502	0.43	0.50	2.41	0.368	1.22	1.2
\$039056		8.6	130.0	0.006	1.66	3.09	16.5	3	1.0	425	0.45	0.48	2.42	0.354	1.09	1.2
\$039057		4.1	116.0	0.007	1.31	2.50	15.6	2	0.9	392	0.45	0.24	2.25	0.353	1.12	1.0
\$039058 \$039059 \$039060 \$039061 \$039062		22.1 44.7 0.6 10.9 13.1	122.0 117.0 1.4 113.0 113.0	0.005 0.006 <0.002 0.008 0.005	2.01 2.26 0.04 1.63 1.17	2.04 2.63 0.08 2.65 2.10	16.1 15.3 1.2 15.5 14.5	4 4 2 3 3	1.1 1.1 0.2 1.0	371 324 84.0 319 304	0.42 0.42 <0.05 0.44 0.39	0.83 0.30 <0.05 0.17 0.17	2.19 2.60 0.09 2.22 2.48	0.331 0.316 0.023 0.350 0.336	1.14 0.99 0.02 1.09 1.01	1.0 1.2 0.1 1.0 1.2
S039063		13.7	100.0	0.010	1.02	1.99	15.0	2	1.2	369	0.43	0.09	1.91	0.351	1.09	0.9
S039064		8.8	118.5	0.002	1.15	2.09	15.4	2	1.0	357	0.40	0.08	2.12	0.327	1.14	1.0
S039065		7.6	115.5	0.007	1.37	2.29	15.0	3	0.8	367	0.41	0.15	1.96	0.333	1.16	0.9



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(ALS	,								CERTIFICATE OF ANALYSIS VA20192973
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$039039		153	2.3	14.4	43	36.4	23.9	0.4	102
\$039040		1	<0.1	2.0	2	1.3	3.3	<0.1	<5
\$039041		164	2.7	14.6	41	42.4	22.5	0.4	102
\$039042		153	2.1	11.6	44	40.8	22.1	0.4	101
\$039043		173	2.3	13.2	42	33.1	22.4	0.4	88
\$039044		153	2.5	14.5	47	40.0	22.4	0.4	100
\$039045		167	2.5	14.2	73	34.3	23.6	0.4	107
\$039046		155	2.2	15.9	108	34.8	23.2	0.4	96
\$039046CD		155	2.2	16.4	104	33.2	24.0	0.4	99
\$039047		156	1.9	15.0	47	32.8	24.5	0.4	98
\$039048		180	2.9	16.5	61	34.2	22.2	0.4	101
\$039049		157	2.8	20.1	89	38.6	20.3	0.4	86
\$039050		106	4.6	8.9	485	36.8	27.3	0.3	82
\$039051		151	2.5	19.5	58	28.5	23.4	0.4	105
\$039052		142	2.4	18.0	81	31.8	22.4	0.4	111
\$039053		153	2.8	15.8	64	29.2	23.9	0.4	111
\$039054		172	3.4	17.2	68	32.9	22.4	0.4	98
\$039055		171	3.3	17.1	49	34.0	23.1	0.4	93
\$039056		167	3.1	16.6	61	33.9	22.7	0.4	92
\$039057		160	2.9	15.4	48	31.6	24.6	0.4	97
\$039058		159	3.4	15.0	116	28.3	22.7	0.4	89
\$039059		154	4.4	15.6	296	39.6	22.2	0.3	87
\$039060		8	<0.1	2.8	5	2.6	3.5	0.1	7
\$039061		162	3.6	14.5	56	27.9	21.9	0.4	101
\$039062		156	3.3	16.0	78	38.5	21.0	0.4	89
\$039063		168	3.4	14.1	98	30.4	22.7	0.4	98
\$039064		154	3.0	17.4	58	27.7	22.5	0.4	85
\$039065		154	4.1	13.2	44	27.2	23.5	0.4	90



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Project: Bowser Regional Project

**CERTIFICATE OF ANALYSIS VA20192973** 

	CERTIFICATE COM	MENTS	
PEEs may not be totally		TICAL COMMENTS	
ME-MS61	soluble III tills Method.		
Processed at ALS Vancou Au-AA23 LOG-21 PUL-32m SPL-21	BAG-01 LOG-21d PUL-32md SPL-21d	CRU-31 LOG-23 PUL-QC WEI-21	CRU-QC ME-MS61 pXRF-34
	ME-MS61  Processed at ALS Vancou Au-AA23 LOG-21 PUL-32m	ANALY REEs may not be totally soluble in this method. ME-MS61  LABORA Processed at ALS Vancouver located at 2103 Dollarton Hwy, No Au-AA23 LOG-21 LOG-21d PUL-32m  PUL-32m	LABORATORY ADDRESSES  Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au-AA23 BAG-01 CRU-31 LOG-21 LOG-21d LOG-23 PUL-32m PUL-32md PUL-QC



ALS Canada Ltd.

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27-JAN-2021 Account: PREBOW

#### VA20192974

Project: Bowser Regional Project

P.O. No.: BOW-1097

This report is for 53 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 2-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA
LEANNE HAWKINS COREY JAMES JULIANNE MADSEN
KEN MCNAUGHTON STEPHAINE WAFFORN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	:S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	92974	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029601		3.00	0.009	0.78	4.68	277	1260	0.45	0.30	19.95	9.12	10.60	19.4	42	3.97	63.8
\$029602		2.10	0.018	1.40	7.36	78.9	380	0.96	0.47	11.80	7.52	10.80	35.6	47	5.71	163.0
\$029603		6.30	0.006	0.91	7.86	66.5	2220	0.65	0.26	5.63	0.15	10.35	23.9	20	3.47	134.0
\$029604		6.68	0.005	0.87	7.55	15.2	1790	0.56	0.34	4.03	0.94	8.85	28.9	21	2.44	132.5
\$029605		6.20	0.007	0.64	8.05	13.1	1060	0.58	0.54	3.50	1.95	10.05	32.8	24	2.32	169.0
\$029606		5.96	<0.005	0.36	7.88	8.7	2400	0.66	0.33	3.66	0.86	8.91	33.0	26	2.84	142.0
\$029606CD		<0.02	<0.005	0.38	7.78	10.1	2330	0.67	0.35	3.65	0.86	8.54	32.9	25	2.84	140.0
\$029607		4.10	<0.005	0.41	8.11	6.7	2020	0.57	0.35	3.56	0.42	10.45	34.6	28	2.43	130.5
\$029608		6.40	<0.005	0.42	8.06	11.1	900	0.63	0.38	3.57	0.90	9.26	32.2	27	2.88	129.5
\$029609		2.66	0.005	0.47	7.91	20.8	760	0.76	0.47	4.52	0.22	9.33	33.8	27	5.18	122.5
\$029610		0.18	1.005	12.65	5.99	315	460	1.11	0.17	3.73	4.83	22.8	11.4	27	7.01	82.8
\$029611		2.18	0.006	0.62	7.19	52.5	1420	0.57	0.43	8.93	0.57	10.40	26.8	21	2.34	91.8
\$029612		5.74	<0.005	0.51	7.98	6.1	2710	0.77	0.43	3.82	1.17	10.25	31.5	29	2.17	142.5
\$029613		2.96	<0.005	0.46	7.59	17.0	2110	0.79	0.37	3.91	0.64	10.80	29.9	26	2.21	138.0
\$029614		3.26	0.005	0.61	7.15	142.0	1450	0.64	0.36	8.79	1.77	13.40	28.2	24	1.94	140.5
\$029615		6.08	<0.005	1.20	7.89	87.3	2010	0.72	0.27	4.79	1.46	13.25	30.3	26	2.21	211
\$029616		6.28	0.006	1.75	7.07	85.0	780	0.59	0.37	7.43	1.11	11.70	28.0	21	1.62	160.5
\$029617		4.50	0.016	1.13	7.30	30.4	840	0.57	0.58	6.53	0.25	12.30	28.6	26	1.99	91.1
\$029618		2.74	0.006	0.72	7.35	25.6	610	0.60	0.48	6.47	0.62	11.90	32.8	35	1.82	115.5
\$029619		3.38	0.014	0.72	5.45	128.0	750	0.45	0.71	12.70	0.22	10.85	22.7	19	1.33	55.4
\$029620		1.08	<0.005	0.01	0.18	0.8	30	0.06	0.02	33.1	<0.02	1.13	1.1	4	0.09	2.2
\$029621		4.06	0.007	0.39	6.75	20.3	270	0.60	0.40	5.65	0.07	9.68	28.2	26	1.35	117.5
\$029622		2.02	0.011	0.37	8.07	25.5	1650	0.77	0.14	4.15	0.04	11.90	29.1	35	1.89	110.5
\$029623		4.46	0.036	0.15	8.00	14.8	2160	1.04	0.07	3.71	0.05	28.2	10.5	9	1.71	26.5
\$029624		3.02	0.011	0.52	6.98	13.7	1890	0.65	0.06	10.20	0.11	13.60	22.9	49	1.38	135.0
\$029625		4.56	<0.005	0.53	7.71	11.4	1980	0.65	0.05	5.01	0.15	10.60	26.9	74	1.73	176.5
\$029626		4.02	0.006	0.14	7.56	14.4	1230	0.67	0.20	4.37	0.05	10.75	32.3	67	3.09	11.4
\$029626CD		<0.02	0.006	0.14	7.60	14.8	1290	0.71	0.21	4.53	0.06	11.40	33.6	67	3.35	18.3
\$029627		3.60	0.349	0.54	5.22	3950	760	0.68	0.12	10.30	7.62	8.54	21.5	31	12.30	49.7
\$029628		3.94	0.009	0.71	7.60	89.4	2440	0.62	0.13	4.31	0.58	10.75	31.0	65	3.20	133.5
\$029629		2.52	0.006	0.36	7.25	16.2	1730	0.89	0.10	3.79	0.11	22.6	17.1	15	1.26	68.7
\$029630		0.18	5.26	78.8	6.07	286	880	0.97	1.15	1.99	21.5	25.8	12.0	23	7.89	117.0
\$029631		2.08	0.006	0.17	8.50	13.0	2490	0.86	0.13	2.69	0.09	14.80	25.5	64	2.59	24.0
\$029632		1.40	0.086	0.21	7.60	7.5	1630	1.02	0.06	4.57	0.08	24.1	8.4	10	0.95	44.7
\$029633		4.20	0.012	0.99	7.40	37.0	1890	0.65	0.11	6.00	0.14	9.99	32.4	58	2.02	254
\$029634		4.42	<0.005	2.14	8.24	19.3	2170	0.59	0.07	3.84	0.29	10.10	27.6	61	2.62	338
\$029635		4.28	<0.005	1.27	7.25	21.4	2260	0.77	0.06	4.47	0.19	11.35	22.0	58	1.93	215
\$029636		2.48	0.013	0.49	7.72	11.5	900	1.25	0.08	5.92	0.07	25.4	12.4	6	0.61	86.9
\$029637		3.60	0.032	0.36	7.74	20.3	1080	1.04	0.20	5.45	0.07	29.1	24.7	14	0.74	69.8
\$029638		2.18	0.038	0.48	7.41	93.2	250	0.85	0.65	9.36	0.05	15.75	89.2	45	0.23	11.8



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**CERTIFICATE OF ANALYSIS VA20192974** 

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											CAILO	I ANAI	_1 313	VAZOI	32317	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029601		4.24	10.40	0.10	0.6	0.082	3.23	5.5	22.3	1.00	2590	1.88	0.19	2.1	17.4	870
\$029602		8.47	24.9	0.10	1.0	0.185	1.80	5.4	33.9	1.81	2140	2.15	0.09	2.9	14.7	1320
\$029603		6.16	14.40	0.12	0.7	0.077	4.62	4.7	33.5	2.20	1720	1.21	1.50	3.0	16.8	1730
\$029604		6.58	15.30	0.11	0.5	0.071	4.20	3.9	37.8	2.85	1760	0.92	1.73	3.2	17.3	1790
\$029605		7.06	15.95	0.12	0.6	0.070	4.31	4.4	39.1	2.70	1630	0.90	1.77	3.3	18.2	1820
S029606		7.18	15.45	0.11	0.5	0.069	3.74	3.8	38.1	3.19	1820	0.52	2.04	3.2	18.9	1820
S029606CD		7.19	15.70	0.12	0.5	0.071	3.67	3.6	39.6	3.17	1820	0.56	2.05	3.2	19.0	1780
S029607		7.04	15.50	0.14	0.6	0.070	4.18	4.6	35.6	3.11	1800	0.59	2.05	3.3	20.4	1700
S029608		7.14	15.10	0.12	0.7	0.072	4.03	4.1	32.9	3.03	1800	0.66	2.01	3.2	19.0	1780
S029609		7.17	17.50	0.12	0.5	0.075	4.46	4.2	35.3	2.99	1880	0.67	1.17	3.4	20.2	1770
\$029610 \$029611 \$029612 \$029613 \$029614		3.97 6.18 7.22 6.95 5.97	14.30 13.45 14.60 14.90 12.25	0.12 0.11 0.12 0.11 0.11	1.3 0.7 0.5 0.5	0.060 0.060 0.059 0.065 0.055	4.02 3.09 3.53 2.68 2.83	10.7 4.9 4.0 4.2 5.7	13.9 31.4 38.2 35.4 33.8	0.54 2.23 3.14 2.99 1.99	1410 1980 1640 1600 1740	9.66 0.56 1.15 1.09 1.73	0.22 1.68 2.31 2.59 2.24	5.2 2.8 3.2 3.3 2.8	21.7 15.6 21.3 18.0 16.5	910 1580 1800 1780 1530
\$029615		6.64	14.85	0.11	0.5	0.073	2.69	5.7	41.9	2.87	1520	1.28	2.48	3.2	18.5	1770
\$029616		6.00	13.10	0.12	0.4	0.064	2.98	5.1	34.2	2.32	1640	1.59	2.04	2.9	16.2	1540
\$029617		6.59	12.90	0.10	0.6	0.071	3.49	5.2	34.5	2.88	1740	0.69	1.80	2.8	17.9	1630
\$029618		6.29	13.20	0.10	0.6	0.064	2.90	5.1	34.8	2.89	1740	0.70	2.36	3.0	19.7	1660
\$029619		7.51	9.57	0.09	0.5	0.044	2.14	4.6	23.7	1.84	2030	1.27	1.72	2.1	15.2	1240
\$029620		0.20	0.42	0.15	<0.1	<0.005	0.04	1.2	1.6	2.38	165	0.06	0.06	0.1	1.0	90
\$029621		7.04	13.10	0.08	0.5	0.066	2.87	3.8	36.2	3.12	1820	0.76	2.18	2.8	18.3	1670
\$029622		7.16	15.45	0.10	0.6	0.061	3.15	5.0	46.6	3.68	2010	0.79	2.33	3.3	20.9	1830
\$029623		3.72	17.20	0.18	1.7	0.042	3.55	12.7	22.3	1.27	952	0.64	3.49	6.4	4.0	1280
\$029624		4.85	13.00	0.09	0.7	0.049	3.14	6.2	27.5	2.39	1800	0.53	1.88	3.0	22.0	1330
S029625		6.29	15.05	0.10	0.4	0.057	3.42	4.7	38.6	4.04	2050	0.78	1.86	3.3	30.7	1500
S029626		6.61	14.60	0.13	0.4	0.052	3.72	4.9	39.3	4.00	1780	0.67	1.83	3.3	30.6	1470
S029626CD		6.72	15.00	0.13	0.4	0.055	3.59	5.1	40.4	4.07	1790	0.68	1.87	3.5	31.3	1460
S029627		3.88	11.60	0.08	0.5	0.118	2.92	4.1	25.3	1.14	1600	3.87	0.16	2.2	19.1	1060
S029628		6.50	13.45	0.11	0.4	0.045	3.96	5.0	39.9	3.77	1900	0.71	1.13	3.3	27.1	1340
\$029629		3.72	16.05	0.16	1.3	0.037	2.95	10.4	12.5	1.30	985	1.15	3.10	5.6	6.0	1080
\$029630		4.73	13.15	0.12	1.2	1.355	3.67	13.0	11.7	0.47	1160	9.50	0.23	5.6	17.1	940
\$029631		6.93	16.10	0.13	0.6	0.031	3.20	6.6	56.8	4.09	1840	2.14	1.75	4.1	27.6	1530
\$029632		3.66	17.20	0.18	1.4	0.038	3.00	10.8	8.9	1.01	1120	0.76	3.13	6.0	4.8	1080
\$029633		6.74	14.40	0.12	0.4	0.045	3.15	4.3	42.8	3.86	1930	0.70	1.70	3.4	26.7	1430
\$029634		7.15	16.50	0.11	0.5	0.049	3.44	4.3	42.3	4.28	1980	0.84	1.82	4.0	29.0	1590
\$029635		5.58	14.20	0.13	0.6	0.051	3.35	5.0	25.8	3.26	1660	0.82	2.23	3.6	24.7	1470
\$029636		2.99	22.4	0.20	1.6	0.045	3.03	11.4	10.4	1.10	872	0.93	3.18	6.3	3.7	1180
\$029637		4.02	19.90	0.20	1.6	0.051	3.43	13.6	8.2	1.32	1060	0.97	3.22	6.7	7.3	1290
\$029638		9.74	23.1	0.12	0.9	0.094	0.85	7.8	13.0	1.97	1560	0.82	1.98	4.0	25.8	1480



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20192974** 

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								<u> </u>			CAILO	I ANA	_ 1 3 1 3	V/\201	32317	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$029601 \$029602 \$029603 \$029604 \$029605		157.0 197.5 12.3 9.1 10.4	112.0 87.6 118.5 82.0 90.3	0.008 0.009 0.007 <0.002 <0.002	2.33 3.47 2.26 2.44 2.96	14.40 15.60 7.16 7.30 8.06	25.1 34.9 37.9 36.9 38.3	2 4 2 2 2	0.9 1.9 0.8 0.7	280 958 517 504 509	0.12 0.16 0.18 0.18 0.20	0.16 0.38 0.13 0.14 0.19	0.55 0.84 0.67 0.46 0.54	0.219 0.330 0.443 0.446 0.466	2.41 3.11 2.51 2.36 2.38	0.2 0.4 0.3 0.2 0.2
S029606 S029606CD S029607 S029607 S029608 S029609		4.8 4.9 6.5 10.0 10.1	70.9 69.9 93.3 85.3 92.5	0.002 0.004 0.003 0.002 0.002 0.004	1.99 2.04 2.16 2.89 2.77	4.42 4.60 6.29 8.33 8.15	37.7 36.7 42.5 37.4 35.8	2 2 1 2	0.6 0.6 0.6 0.6 0.6	576 568 569 627 552	0.20 0.19 0.19 0.20 0.19 0.20	0.16 0.17 0.13 0.17 0.14	0.46 0.43 0.62 0.52 0.47	0.467 0.462 0.442 0.443 0.443	2.22 2.16 2.27 2.21 2.93	0.2 0.2 0.3 0.2 0.2
S029610		155.5	160.0	0.010	2.84	19.65	11.5	2	1.6	193.0	0.28	0.31	3.17	0.256	3.25	1.7
S029611		9.4	80.0	0.005	2.68	12.55	36.0	1	0.6	403	0.18	0.15	0.63	0.378	3.22	0.3
S029612		14.8	73.9	0.002	2.01	2.74	41.6	3	0.5	514	0.19	0.13	0.50	0.450	1.74	0.2
S029613		12.2	56.5	0.004	1.89	2.97	41.3	2	0.6	542	0.18	0.10	0.49	0.454	1.36	0.3
S029614		29.2	75.3	0.002	2.33	6.86	36.8	2	0.5	389	0.16	0.12	0.53	0.381	1.73	0.2
\$029615 \$029616 \$029617 \$029618 \$029619		19.4 14.0 6.5 11.1 8.7	73.7 78.4 92.8 72.8 58.6	0.006 0.013 0.004 0.002 0.004	2.12 2.93 3.55 3.25 6.50	8.30 8.03 4.26 3.69 6.12	45.2 38.6 45.4 46.7 35.4	2 3 3 2 2	0.6 0.6 0.6 0.5	475 445 443 453 372	0.18 0.17 0.15 0.16 0.12	0.10 0.18 0.11 0.07 0.13	0.61 0.51 0.53 0.57 0.44	0.441 0.393 0.420 0.423 0.317	1.97 1.79 1.65 1.33 1.24	0.3 0.2 0.2 0.3 0.3
\$029620		0.8	1.2	<0.002	0.04	0.11	1.0	1	<0.2	82.0	<0.05	<0.05	0.07	0.011	0.04	0.1
\$029621		3.7	60.1	0.004	4.31	4.11	44.5	3	0.6	451	0.16	0.11	0.42	0.422	1.25	0.2
\$029622		4.3	71.9	0.007	2.73	5.83	45.9	2	0.6	508	0.18	0.09	0.54	0.459	1.64	0.3
\$029623		3.2	81.4	0.003	1.64	4.52	12.0	1	0.7	474	0.36	0.05	2.12	0.399	1.69	1.3
\$029624		4.0	86.4	0.002	1.37	7.63	33.2	2	0.5	572	0.17	0.07	0.78	0.337	1.37	0.4
\$029625		3.4	66.1	0.005	1.11	5.09	39.3	2	0.5	452	0.17	0.06	0.55	0.374	1.51	0.3
\$029626		4.1	86.0	0.004	3.08	3.96	38.9	2	0.8	433	0.17	0.11	0.53	0.364	1.71	0.3
\$029626CD		4.1	85.0	0.005	3.12	3.92	40.0	3	0.8	433	0.19	0.09	0.56	0.372	1.75	0.3
\$029627		24.4	159.0	0.012	2.55	65.2	23.8	2	1.1	221	0.12	0.24	0.51	0.231	1.79	0.3
\$029628		14.1	91.9	0.003	1.09	5.10	35.0	1	0.7	415	0.18	0.05	0.59	0.363	1.90	0.3
\$029629 \$029630 \$029631 \$029632 \$029633		4.8 8550 7.8 4.7 5.6	59.5 159.5 64.6 60.3 62.8	0.006 0.006 0.011 <0.002 0.006	0.51 2.96 0.45 0.41 1.09	3.61 76.9 3.22 9.14 6.19	12.0 12.4 36.3 9.8 33.5	1 3 1 1	0.7 3.9 0.7 0.7 0.6	490 141.5 416 599 445	0.32 0.33 0.21 0.32 0.18	<0.05 0.31 <0.05 <0.05 0.06	1.68 3.43 0.91 1.83 0.54	0.333 0.253 0.401 0.345 0.370	1.32 2.95 1.38 1.22 1.62	1.1 2.0 0.5 1.2 0.3
\$029634		9.8	59.0	0.003	0.76	7.00	33.8	1	0.7	453	0.21	<0.05	0.53	0.419	1.63	0.3
\$029635		5.6	63.2	0.002	0.34	7.76	33.1	1	0.8	502	0.20	<0.05	0.63	0.373	1.56	0.4
\$029636		4.6	51.4	0.004	0.13	5.75	9.7	1	0.9	366	0.35	<0.05	1.92	0.375	1.22	1.3
\$029637		4.1	68.2	0.004	0.85	8.01	15.5	1	1.0	451	0.36	0.05	2.18	0.398	1.41	1.4
\$029638		11.1	18.8	<0.002	6.11	17.00	34.6	5	1.4	770	0.21	0.18	1.05	0.364	0.46	0.6



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(ALS	,								CERTIFICATE OF ANALYSIS VA20192	2974
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$029601 \$029602 \$029603 \$029604 \$029605		156 237 284 294 253	0.7 1.1 1.1 0.7 0.7	14.9 15.5 16.4 15.0 16.4	1040 893 52 175 304	16.4 27.4 39.4 11.7 11.2	11.7 15.7 18.8 20.2 20.7	0.3 0.3 0.5 0.5	29 49 57 51 56	
\$029606 \$029606CD \$029607 \$029608 \$029609		308 305 283 288 287	0.7 0.7 0.7 0.7 0.7	14.6 14.6 16.1 14.8 14.4	176 169 115 186 88	11.2 9.8 11.3 11.8 9.9	20.0 19.6 20.1 20.9 18.9	0.5 0.5 0.5 0.5 0.5	57 56 54 54 60	
\$029610 \$029611 \$029612 \$029613 \$029614		105 248 288 298 244	5.2 0.7 0.6 0.6 0.9	8.2 16.8 15.7 16.1 17.8	475 120 248 153 320	40.3 14.0 11.1 14.0 12.2	25.1 16.5 19.3 20.0 16.5	0.4 0.4 0.5 0.5 0.4	78 51 62 62 45	
\$029615 \$029616 \$029617 \$029618 \$029619		289 249 279 284 214	0.8 0.6 0.5 0.5	18.6 17.3 17.4 17.1 15.9	253 197 72 125 47	13.4 12.4 12.5 13.9 10.7	20.1 18.6 18.7 18.2 13.1	0.5 0.5 0.5 0.5 0.4	52 52 53 46 41	
\$029620 \$029621 \$029622 \$029623 \$029624		5 291 312 126 200	1.3 0.6 0.7 0.6 0.6	2.4 16.0 17.1 24.2 15.6	4 50 67 37 63	1.6 14.3 13.8 58.7 21.9	4.2 19.6 19.3 23.0 17.8	0.1 0.5 0.5 0.5 0.4	<5 51 57 143 46	
\$029625 \$029626 \$029626CD \$029627 \$029628		260 258 264 161 237	0.7 0.8 0.9 1.5 0.8	13.3 13.8 14.5 11.0 13.6	103 81 84 1160 160	11.4 10.8 10.5 15.2 12.8	19.4 20.5 20.9 20.4 21.1	0.4 0.4 0.4 0.3 0.4	46 45 46 30 51	
\$029629 \$029630 \$029631 \$029632 \$029633		119 120 237 112 239	0.5 4.0 0.7 0.4 0.7	19.1 9.6 14.9 19.8 12.6	44 1810 92 33 97	47.2 45.3 16.2 51.8 11.4	25.7 29.2 20.3 25.6 17.9	0.4 0.3 0.4 0.4	125 73 60 140 52	
\$029634 \$029635 \$029636 \$029637 \$029638		265 230 115 143 210	0.7 0.6 0.6 0.6 0.4	13.4 13.8 20.8 23.3 17.3	108 75 26 28 32	14.9 18.8 56.7 58.3 30.8	20.9 20.5 23.5 23.1 17.6	0.5 0.4 0.4 0.4 0.4	61 61 147 137 66	



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**CERTIFICATE OF ANALYSIS VA20192974** 

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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 AI % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
S029639		5.10	0.005	0.53	7.33	14.6	1520	0.60	0.14	7.87	0.03	13.35	25.2	58	1.07	167.5
S029640		1.22	< 0.005	0.03	0.08	< 0.2	20	0.05	0.01	33.6	0.02	0.98	0.8	1	< 0.05	1.8
S029641		6.52	< 0.005	0.46	8.09	10.2	1320	0.65	0.07	4.21	0.03	12.10	32.2	67	1.69	155.0
S029642		6.52	0.006	0.38	7.71	10.1	1220	0.62	0.11	5.29	0.05	11.80	35.1	66	0.88	145.0
S029643		4.96	< 0.005	0.40	7.10	4.9	1080	0.45	0.04	4.49	0.12	10.35	21.2	62	0.78	178.5
S029644		5.34	<0.005	0.23	7.59	6.1	1310	0.67	0.04	4.24	0.03	11.55	27.9	67	1.84	108.5
S029645		6.36	0.015	0.37	7.88	7.5	1090	0.64	0.10	6.33	0.05	13.55	40.0	63	1.37	183.5
S029646		9.22	0.007	0.26	7.93	5.3	1230	0.65	0.11	5.59	0.05	14.95	33.3	62	1.58	108.5
S029646CD		<0.02	0.011	0.27	7.79	6.1	1230	0.76	0.13	5.51	0.07	14.70	36.2	59	1.72	111.5
S029647		2.64	0.009	0.22	8.03	6.0	1680	0.78	0.07	5.23	0.05	13.80	31.0	60	1.97	89.0
S029648		4.66	0.148	0.13	8.42	5.2	1570	1.36	0.09	5.00	0.03	37.1	19.0	9	1.01	27.6
S029649 S029650		5.06	0.014	0.11	7.98	3.9	2030	1.50	0.05	4.14	0.04	31.8	12.8	8	1.23	22.9



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20192974** 

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029639 \$029640 \$029641 \$029642 \$029643		6.01 0.12 6.77 6.88 6.42	13.50 0.31 13.75 15.85 12.80	0.12 0.13 0.10 0.11 0.10	0.9 <0.1 0.4 0.6 0.5	0.055 <0.005 0.037 0.047 0.044	2.70 0.02 1.79 2.40 2.46	6.2 1.1 5.3 5.1 4.4	13.7 1.0 25.0 17.0	2.93 2.08 3.92 3.55 3.41	1760 135 1730 1780 1720	0.68 0.05 0.55 0.71 0.57	2.19 0.03 2.92 2.39 2.49	3.3 0.1 3.5 3.5 3.3	25.0 0.3 28.5 28.7 27.4	1440 80 1550 1510 1480
S029644		6.59	14.80	0.12	0.5	0.043	1.64	5.0	23.1	3.63	1640	0.50	2.95	3.6	29.4	1540
S029645		6.57	15.55	0.12	0.6	0.049	1.66	6.0	17.7	3.43	1620	0.81	2.36	3.5	28.0	1500
S029646		6.43	15.10	0.13	0.6	0.044	1.81	6.9	15.6	3.07	1520	0.73	2.76	3.8	26.2	1500
S029646CD		6.43	16.55	0.10	0.8	0.052	1.82	7.0	19.3	2.99	1510	0.80	2.74	4.3	28.4	1460
S029647		6.51	15.80	0.10	0.8	0.053	2.23	6.8	17.5	3.08	1540	0.73	2.78	4.3	26.8	1520
S029648 S029649 S029650		4.77 4.25	21.0 18.90	0.17 0.13	1.9 1.8	0.057 0.063	3.23 2.65	17.1 14.6	6.2 7.6	1.21 1.06	1060 936	1.10 1.08	3.08 3.25	8.2 7.6	5.6 4.3	1410 1290



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20192974** 

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Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
S029639		2.9	75.9	0.003	0.78	8.49	36.9	1	0.8	512	0.18	0.05	0.85	0.364	1.16	0.4
S029640		2.5	0.5	< 0.002	< 0.01	0.10	0.3	1	< 0.2	79.1	< 0.05	< 0.05	0.06	0.005	0.02	0.1
S029641		3.3	38.5	0.002	0.55	4.48	37.9	1	0.5	466	0.19	< 0.05	0.68	0.403	0.80	0.3
S029642		4.6	41.8	0.004	0.60	9.12	35.4	1	0.7	497	0.18	< 0.05	0.65	0.384	1.04	0.4
S029643		2.2	36.8	0.003	0.06	6.07	32.7	<1	0.6	382	0.18	<0.05	0.52	0.380	1.00	0.3
S029644		2.2	28.9	0.002	0.17	3.83	36.7	1	0.6	578	0.19	<0.05	0.59	0.394	0.73	0.4
S029645		3.2	38.0	0.004	0.65	5.84	38.5	1	0.6	620	0.19	< 0.05	0.76	0.392	0.73	0.4
S029646		3.8	44.5	0.002	0.85	4.68	36.2	1	0.6	663	0.20	< 0.05	0.94	0.394	0.79	0.5
S029646CD		4.6	41.7	0.002	0.88	5.36	37.7	2	0.7	661	0.23	< 0.05	1.02	0.386	0.90	0.5
S029647		3.8	45.8	0.002	0.57	5.25	36.3	1	8.0	729	0.24	<0.05	0.98	0.396	1.09	0.5
S029648		4.9	66.6	<0.002	1.08	8.85	14.5	1	1.1	726	0.43	<0.05	3.00	0.454	1.38	1.8
S029649 S029650		4.1	50.9	<0.002	0.53	5.30	12.2	1	1.1	680	0.41	<0.05	2.57	0.413	1.08	1.7



ALS Canada Ltd.

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1055 DUNSMUIR STREET
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Page: 3 - D Total # Pages: 3 (A - D) Plus Appendix Pages Finalized Date: 17-SEP-2020 Account: PREBOW

	)							5	cett Dottoet (tegrottal) i oject
(ALS)									CERTIFICATE OF ANALYSIS VA20192974
ample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
S029639 S029640 S029641 S029642 S029643		239 2 260 251 250	0.5 <0.1 0.7 0.5 0.6	15.6 2.1 14.4 14.0 12.1	46 4 65 60 64	28.8 1.5 13.3 19.1 14.8	19.3 3.9 20.3 20.7 22.3	0.4 <0.1 0.4 0.4 0.4	54 <5 53 58 48
5029644 5029645 5029646 5029646CD 5029647		261 256 244 239 245	0.7 0.6 0.5 0.5 0.7	13.2 15.2 16.4 16.8 15.9	67 61 58 58 61	13.5 17.5 19.6 21.4 20.8	18.1 20.0 21.0 21.4 22.5	0.4 0.4 0.4 0.4 0.4	57 53 65 66 69
S029648 S029649 S029650		148 132	0.8 0.6	26.8 23.0	30 34	50.2 55.4	23.4 25.2	0.5 0.5	149 155



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CERTIFICATE	OF ANALYSIS	VA20192974

T		CERTIFICATE OF AUACETSIS	V/(20132371
	CERTIFICATE C	OMMENTS	
	ANA	ALYTICAL COMMENTS	
Applies to Method:	REEs may not be totally soluble in this method. ME-MS61		
	LAB	ORATORY ADDRESSES	
	Processed at ALS Vancouver located at 2103 Dollarton Hwy	, North Vancouver, BC, Canada.	
Applies to Method:	Au-AA23       BAG-01         LOG-21d       LOG-23         PUL-32md       PUL-QC         SPL-21d       WEI-21	CRU-31 ME-MS61 pXRF-34	LOG-21 PUL-32m SPL-21



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Page: 1 Total # Pages: 4 (A - D) **Plus Appendix Pages** Finalized Date: 13-SEP-2020 This copy reported on

27-JAN-2021 **Account: PREBOW** 

## VA20192975

Project: Bowser Regional Project

P.O. No.: BOW-1099

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 2-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
KEN MCNAUGHTON	STEPHAINE WAFFORN	

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
PUL-32md	Pulverize 500g-DUP -85%<75um	
LOG-21	Sample logging - ClientBarCode	
CRU-31	Fine crushing - 70% <2mm	
PUL-QC	Pulverizing QC Test	
SPL-21	Split sample - riffle splitter	
PUL-32m	Pulverize 500g - 85%<75um	
BAG-01	Bulk Master for Storage	
LOG-23	Pulp Login - Rcvd with Barcode	
LOG-21d	Sample logging - ClientBarCode Dup	
SPL-21d	Split sample - duplicate	

	ANALYTICAL PROCEDURE	:S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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**CERTIFICATE OF ANALYSIS VA20192975** 

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									CERTIFICATE OF ANALTSIS		VA20192973					
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029651		4.68	0.309	0.94	7.43	4.3	930	1.72	0.13	2.47	7.29	23.6	18.7	29	9.04	162.5
\$029652		3.84	0.600	1.07	8.69	2.9	750	1.62	0.10	1.53	4.34	32.4	14.6	27	7.94	216
\$029653		3.66	0.375	0.87	8.47	2.8	790	1.92	0.13	2.08	3.90	31.1	19.1	36	7.87	168.0
\$029654		4.64	2.42	1.92	7.71	6.0	120	1.46	0.17	2.41	4.17	28.1	16.8	41	6.15	292
\$029655		6.86	0.168	0.81	8.45	3.1	790	1.55	0.11	1.95	1.93	21.7	13.6	38	7.22	101.5
\$029656		6.32	0.171	0.78	8.60	3.1	640	1.38	0.15	1.80	1.30	28.1	12.7	41	6.15	103.5
\$029657		6.18	0.167	0.75	7.12	2.7	660	1.60	0.12	3.98	3.49	27.3	12.8	29	5.90	62.7
\$029658		2.56	0.483	0.91	7.67	2.3	790	1.38	0.12	2.48	2.31	25.9	12.5	42	5.41	113.0
\$029659		6.94	0.438	1.03	7.62	2.3	670	1.09	0.15	2.21	1.41	21.2	11.1	35	5.18	99.6
\$029660		1.06	<0.005	0.01	0.10	<0.2	20	0.08	0.02	34.8	0.03	1.09	0.7	1	0.06	2.2
\$029661		6.66	0.196	0.64	7.84	1.9	720	1.15	0.12	2.48	1.82	24.9	10.0	34	5.69	79.5
\$029662		2.76	0.803	1.17	7.45	2.7	290	1.25	0.12	2.53	2.81	21.1	14.4	30	6.52	98.9
\$029663		4.84	0.360	1.09	7.33	3.0	270	1.59	0.15	2.98	2.23	23.6	11.6	35	9.30	71.3
\$029664		5.20	0.346	0.95	7.51	2.3	260	1.13	0.13	2.41	0.94	19.60	9.3	31	7.06	85.8
\$029665		6.82	0.277	0.82	7.96	3.0	550	1.32	0.12	2.08	2.45	24.6	9.6	37	6.04	82.2
\$029666		6.46	0.211	0.57	7.84	2.1	870	1.09	0.12	2.29	3.04	20.2	9.7	36	5.91	47.0
\$029666CD		<0.02	0.200	0.62	7.80	1.8	970	1.07	0.11	2.23	3.17	22.3	9.2	36	5.75	44.9
\$029667		5.82	0.259	0.62	8.08	2.7	260	1.36	0.09	2.39	2.53	19.05	9.6	37	6.07	88.2
\$029668		4.82	0.191	0.86	7.55	3.1	610	1.43	0.11	2.20	2.16	24.4	12.8	32	5.71	25.9
\$029669		4.42	0.148	6.05	7.10	5.0	810	1.53	0.10	3.61	2.41	23.2	10.7	36	7.72	64.1
\$029670		0.14	0.987	12.85	6.59	352	340	1.12	0.20	3.87	4.80	25.9	11.3	28	7.31	90.7
\$029671		5.88	0.062	3.54	7.64	2.5	810	1.33	0.12	2.68	2.83	25.8	8.9	36	7.48	24.3
\$029672		5.10	0.216	6.25	8.25	4.9	700	1.27	0.20	2.50	5.87	30.1	12.5	38	8.56	69.0
\$029673		5.58	0.230	13.15	7.73	4.1	570	1.35	0.20	2.08	10.10	23.3	11.4	44	9.06	48.7
\$029674		6.66	0.528	18.60	8.43	3.8	800	1.54	0.19	1.87	19.60	19.35	10.3	40	10.75	21.7
\$029675		6.40	0.181	0.63	7.63	2.8	930	0.89	0.08	1.88	0.57	11.65	6.2	33	4.49	15.0
\$029676		6.20	0.158	0.46	7.85	3.6	870	0.77	0.10	1.33	0.39	10.90	6.2	30	3.17	6.9
\$029677		5.18	0.148	0.38	7.81	2.4	840	0.79	0.09	1.41	0.57	14.50	5.8	27	3.04	13.0
\$029678		4.46	0.297	0.42	8.37	2.4	1010	1.25	0.09	1.82	0.41	33.9	17.8	33	4.02	50.4
\$029679		5.52	0.206	0.37	7.70	2.8	810	1.22	0.13	2.04	0.60	25.7	12.0	40	4.84	99.6
\$029680		0.80	<0.005	0.01	0.09	0.2	20	0.07	0.01	36.3	<0.02	1.13	0.8	1	<0.05	2.5
\$029681		5.26	0.132	0.53	8.22	2.8	1190	1.34	0.10	2.00	1.17	21.6	7.4	38	5.48	83.5
\$029682		6.26	0.226	0.46	7.34	2.7	770	1.71	0.12	3.95	0.62	24.0	15.8	21	4.75	102.0
\$029683		5.26	0.252	0.53	7.06	2.4	1050	1.67	0.09	3.69	1.51	27.7	7.9	24	5.23	40.6
\$029684		6.34	0.091	0.39	7.49	2.9	570	1.19	0.08	2.45	0.91	21.8	6.9	36	4.41	44.9
\$029685		5.44	0.070	0.35	7.39	2.7	570	1.53	0.08	3.42	2.11	25.0	13.2	33	7.78	60.6
\$029686		6.24	0.082	0.28	7.60	2.5	800	1.33	0.05	2.38	0.45	21.7	8.3	34	5.98	60.0
\$029686CD		<0.02	0.083	0.27	7.56	2.4	800	1.38	0.04	2.38	0.45	21.4	8.3	35	5.90	58.1
\$029687		6.12	0.391	0.56	7.68	2.5	740	1.45	0.11	2.24	0.69	26.1	19.2	28	4.56	121.0
\$029688		6.02	0.246	0.49	7.47	2.7	910	1.74	0.07	2.63	3.34	24.0	10.3	33	4.82	88.6



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**CERTIFICATE OF ANALYSIS VA20192975** 

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									CERTIFICATE OF ANALTSIS			VA20132373				
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029651		3.92	18.95	0.23	1.5	0.064	3.24	7.6	53.7	2.76	1200	9.28	1.80	5.7	22.9	1660
\$029652		3.28	20.1	0.23	1.5	0.023	2.71	13.5	32.3	1.69	909	5.44	3.06	6.1	24.3	1340
\$029653		3.41	22.0	0.19	1.9	0.034	2.97	10.0	34.6	1.72	895	9.28	2.34	6.4	35.8	2000
\$029654		4.09	20.6	0.21	1.5	0.032	2.35	9.0	27.0	1.53	804	1.92	2.63	5.6	20.7	1150
\$029655		3.40	19.35	0.16	1.2	0.009	3.05	7.3	23.2	1.57	613	1.50	2.32	5.3	18.8	920
5029656 5029657 5029658 5029659 5029660		4.05 3.63 3.03 3.42 0.12	20.5 18.45 18.60 18.35 0.32	0.18 0.18 0.16 0.15 0.07	1.3 1.3 1.3 1.2 0.1	0.009 0.011 0.041 0.012 0.013 <0.005	2.82 2.48 2.64 2.38 0.02	12.1 9.9 8.9 8.3 1.2	24.3 39.0 29.2 25.6 1.4	1.61 2.57 1.69 1.65 2.21	664 1200 789 870 129	2.14 6.39 1.05 1.32 <0.05	2.79 1.69 2.56 2.77 0.04	5.5 4.9 5.2 4.6 0.1	20.6 19.6 19.1 16.4 0.7	1010 1070 990 980 80
S029661 S029662 S029663 S029664 S029665		3.21 3.79 3.23 2.97 3.16	18.90 18.35 19.00 18.80 18.90	0.15 0.16 0.14 0.14 0.18	1.2 1.3 1.3 1.0	0.037 0.038 0.028 0.029 0.067	2.42 3.18 3.13 2.74 2.98	9.8 6.9 8.6 7.1 9.4	22.6 27.7 33.3 26.4 30.2	1.47 1.75 1.92 1.43 1.74	903 873 1020 798 782	1.45 1.59 20.2 8.75 1.64	2.80 1.99 1.27 2.43 2.50	4.8 5.1 5.1 4.5 4.8	16.4 19.0 18.7 15.9 17.6	940 920 860 730 860
S029666		2.69	17.85	0.15	1.1	0.049	2.65	8.0	21.7	1.32	677	1.65	2.80	4.2	17.4	680
S029666CD		2.60	17.25	0.15	1.1	0.049	2.60	8.9	21.1	1.29	645	1.87	2.72	4.1	16.9	670
S029667		2.88	19.40	0.18	1.2	0.073	3.33	7.4	24.1	1.45	650	3.73	2.42	5.4	17.6	910
S029668		3.76	20.0	0.20	1.6	0.053	3.04	7.7	36.4	2.08	832	9.62	2.00	5.7	20.8	880
S029669		3.18	19.25	0.17	1.7	0.065	3.02	7.0	43.6	2.37	1100	23.3	0.89	5.0	34.2	770
\$029670		4.25	14.50	0.12	1.2	0.049	4.28	13.0	13.9	0.60	1480	10.30	0.23	5.5	21.0	970
\$029671		2.53	18.25	0.15	1.1	0.036	2.97	9.3	20.6	1.24	942	3.39	1.87	4.4	14.9	910
\$029672		3.71	19.60	0.18	1.2	0.058	3.29	12.5	17.8	1.11	740	4.18	1.83	5.1	19.5	830
\$029673		3.74	17.95	0.17	1.0	0.116	3.00	10.4	21.5	1.28	774	1.98	1.75	4.4	15.5	720
\$029674		3.39	19.90	0.17	1.0	0.093	3.52	10.6	19.6	1.18	754	2.30	1.91	4.6	13.8	780
\$029675		2.41	15.65	0.14	0.7	0.013	2.77	6.5	14.2	0.78	634	2.31	2.95	3.0	9.4	560
\$029676		2.43	15.55	0.14	0.7	0.006	2.66	6.0	13.1	0.70	566	5.31	3.58	2.7	9.4	580
\$029677		2.59	16.45	0.14	0.7	0.006	2.50	7.2	18.3	0.99	716	3.44	3.61	2.9	9.7	610
\$029678		4.31	21.4	0.19	1.5	0.024	2.89	12.7	26.6	1.60	1030	3.81	3.46	6.1	24.0	860
\$029679		4.23	18.45	0.18	1.3	0.036	2.79	8.9	24.5	1.58	889	2.98	2.81	5.4	19.9	870
\$029680		0.13	0.31	0.08	0.1	<0.005	0.02	1.3	1.1	1.95	140	0.05	0.04	0.2	0.9	80
\$029681		3.63	19.15	0.17	1.5	0.032	3.41	7.6	30.2	1.83	905	5.66	2.78	5.5	17.8	920
\$029682		4.37	18.40	0.18	1.7	0.055	4.32	8.6	37.3	2.23	1240	19.40	1.33	5.8	18.3	940
\$029683		2.87	16.35	0.17	1.8	0.049	3.80	13.4	43.0	2.55	1660	25.7	1.52	5.8	14.1	780
\$029684		3.38	18.80	0.14	1.3	0.032	2.10	8.1	32.7	2.20	1180	3.48	3.20	5.5	17.5	950
\$029685		3.84	20.1	0.15	1.4	0.030	2.75	9.3	31.1	1.87	1200	4.19	2.32	5.5	18.6	960
\$029686		3.07	18.75	0.15	1.3	0.024	2.98	7.9	27.3	1.51	1020	3.30	2.83	5.7	16.6	850
\$029686CD		3.09	18.50	0.15	1.3	0.023	3.00	7.6	26.6	1.52	1020	2.86	2.82	5.5	15.8	860
\$029687		4.51	19.70	0.16	1.5	0.030	2.83	9.3	35.3	2.07	1120	5.70	2.81	5.7	18.1	990
\$029688		3.26	19.60	0.15	1.4	0.060	3.43	8.4	39.8	2.52	1200	8.74	2.44	5.6	25.2	960



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**CERTIFICATE OF ANALYSIS VA20192975** 

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									CERTIFICATE OF ANALISIS			VA20132373				
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$029651		51.3	83.6	0.015	2.85	2.73	13.1	14	2.7	240	0.34	<0.05	3.26	0.341	2.18	2.4
\$029652		48.1	94.0	0.004	2.80	4.92	15.2	13	2.4	276	0.35	<0.05	3.31	0.382	2.20	2.0
\$029653		58.3	95.1	0.020	2.93	3.51	15.2	14	2.5	215	0.38	<0.05	4.23	0.405	2.90	2.9
\$029654		58.1	79.3	0.003	4.05	17.45	12.6	18	2.6	243	0.35	<0.05	3.21	0.384	2.03	1.9
\$029655 \$029656 \$029657 \$029658 \$029659 \$029660		44.3 45.9 62.4 73.3 52.0 0.8	99.3 99.7 73.2 80.1 78.0 0.7	0.002 <0.002 0.011 <0.002 <0.002 <0.002	3.83 2.84 2.80 3.18 0.02	2.69 1.98 1.83 1.50 0.10	12.0 12.8 11.1 11.0 10.1 0.2	12 13 13 13 13 13	2.3 1.9 2.7 2.1 2.4 <0.2	217 243 186.0 232 223 81.5	0.32 0.32 0.29 0.30 0.28 <0.05	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05	2.97 3.47 2.89 2.39 2.54 0.08	0.387 0.390 0.342 0.367 0.307 0.006	2.41 2.19 1.96 2.01 1.85 0.03	2.1 1.3 1.7 1.4 0.1
S029661 S029662 S029663 S029664 S029665		33.9 44.1 49.9 37.7 50.7	86.5 83.4 96.0 88.4 97.9	<0.002 <0.002 0.008 0.002 <0.002	2.91 3.66 2.86 2.64 2.68	1.64 2.61 4.53 2.25 2.54	10.5 11.2 10.8 8.5 11.2	10 15 11 10 9	2.3 2.3 2.4 2.1 2.3	236 227 167.5 257 275	0.29 0.31 0.31 0.27 0.29	<0.05 <0.05 <0.05 <0.05 <0.05	2.78 2.30 2.23 2.29 2.55	0.326 0.357 0.349 0.296 0.337	2.01 2.51 2.73 2.25 2.20	1.3 1.1 1.5 1.1
S029666		47.0	89.3	<0.002	2.32	2.10	8.6	9	2.4	281	0.26	<0.05	1.96	0.307	2.13	1.0
S029666CD		44.4	92.9	<0.002	2.24	2.04	8.6	9	2.4	275	0.26	<0.05	2.08	0.292	2.07	1.1
S029667		33.2	104.5	0.003	2.42	3.20	10.8	9	2.4	341	0.31	<0.05	3.01	0.360	2.33	1.3
S029668		50.7	89.5	0.009	3.16	3.28	16.3	14	3.0	240	0.33	<0.05	3.35	0.355	2.29	1.7
S029669		50.6	92.7	0.021	2.55	5.73	17.4	8	2.7	141.0	0.30	<0.05	2.86	0.321	2.53	1.8
\$029670		160.5	181.5	0.009	3.10	19.95	11.7	2	1.6	198.5	0.32	0.38	3.28	0.278	3.53	1.8
\$029671		42.7	101.0	0.004	2.22	2.75	8.8	8	2.4	185.0	0.28	<0.05	2.26	0.300	2.27	1.5
\$029672		52.6	125.0	0.002	3.68	4.25	10.1	14	3.1	173.0	0.32	0.05	2.49	0.352	2.70	1.6
\$029673		81.3	108.0	0.003	3.55	3.82	8.9	14	3.0	153.5	0.29	<0.05	2.05	0.329	2.31	1.3
\$029674		158.0	124.0	0.002	3.03	3.98	9.1	12	2.4	151.0	0.29	<0.05	2.61	0.315	2.40	1.4
\$029675		28.2	87.3	<0.002	1.92	1.02	6.4	9	1.1	204	0.19	<0.05	2.01	0.225	1.82	0.9
\$029676		31.6	76.0	0.007	2.11	0.85	6.2	8	1.3	212	0.18	<0.05	2.21	0.197	1.60	1.0
\$029677		30.6	69.5	0.003	2.09	0.89	6.5	9	1.3	210	0.18	<0.05	2.46	0.206	1.46	1.1
\$029678		25.7	71.0	<0.002	2.97	1.17	12.8	14	2.2	304	0.37	<0.05	3.26	0.382	1.80	1.6
\$029679		27.6	79.4	0.004	2.98	1.45	10.6	14	2.2	306	0.32	<0.05	2.34	0.359	1.85	1.4
\$029680		0.7	0.6	<0.002	0.02	0.06	0.2	1	<0.2	87.9	<0.05	<0.05	0.08	0.008	0.03	0.1
\$029681		19.8	94.8	0.011	2.31	1.64	11.0	9	1.8	338	0.32	<0.05	2.77	0.374	2.00	1.7
\$029682		19.3	109.5	0.025	2.70	1.28	18.0	13	2.1	270	0.33	<0.05	3.27	0.328	2.46	2.1
\$029683		28.0	100.0	0.033	1.25	2.16	15.0	7	2.7	260	0.33	<0.05	3.46	0.327	1.97	2.6
\$029684		29.4	57.6	0.006	2.26	1.34	9.6	9	2.2	292	0.33	<0.05	2.35	0.360	1.51	1.4
\$029685		34.9	85.6	0.004	2.71	1.72	12.0	11	1.8	224	0.34	<0.05	3.19	0.364	2.27	1.4
\$029686		26.9	81.4	0.004	1.93	1.50	10.9	10	1.6	265	0.34	<0.05	2.32	0.369	2.32	1.3
\$029686CD		25.2	81.4	0.003	1.91	1.39	11.0	9	1.7	266	0.33	<0.05	2.36	0.371	2.44	1.3
\$029687		42.6	72.5	0.011	3.23	1.27	13.8	14	2.1	312	0.34	<0.05	3.31	0.365	1.99	1.8
\$029688		47.9	75.0	0.011	1.64	1.42	14.2	9	2.2	299	0.34	<0.05	2.65	0.350	2.28	1.8



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(ALS)	,								CERTIFICATE OF ANALYSIS VA20192975
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$029651 \$029652 \$029653 \$029654 \$029655		120 127 171 130 125	1.3 2.5 2.3 2.0 1.7	19.0 23.8 21.3 19.0 13.8	469 277 316 333 165	54.6 52.9 61.1 47.8 39.2	24.6 25.6 26.3 25.3 26.8	0.4 0.4 0.4 0.5	106 135 115 145 153
S029656 S029657 S029658 S029659 S029660		135 121 115 102 1	1.7 1.7 1.5 1.3 <0.1	15.2 15.1 13.9 12.9 2.2	135 285 182 157 4	45.4 45.7 40.5 38.4 1.6	25.6 23.9 26.1 26.3 4.0	0.4 0.3 0.4 0.3 <0.1	141 117 156 113
S029661		103	1.6	14.9	177	38.1	27.4	0.4	119
S029662		107	2.1	16.4	235	39.1	26.4	0.4	120
S029663		109	3.1	14.0	210	40.1	25.6	0.4	123
S029664		103	2.0	10.7	124	31.9	27.6	0.5	114
S029665		114	1.8	12.1	256	35.9	26.6	0.4	124
S029666 S029666CD S029667 S029668 S029669		104 101 117 116 122	1.6 1.4 1.8 1.8 3.0	10.2 10.3 14.9 16.0 16.4	275 275 275 241 267 270	31.4 30.7 37.5 40.7 57.0	28.2 27.5 26.3 25.7 24.1	0.4 0.4 0.7 0.4 0.3	103 111 128 126 112
\$029670		111	4.9	9.3	508	41.5	28.5	0.4	84
\$029671		105	2.8	12.8	255	36.3	26.1	0.3	120
\$029672		116	3.8	12.1	514	37.6	26.3	0.4	131
\$029673		118	3.4	9.2	982	29.3	26.7	0.4	120
\$029674		115	3.5	10.0	1900	30.1	27.8	0.3	108
\$029675		81	1.7	8.2	89	19.4	30.1	0.2	100
\$029676		76	1.4	7.5	69	19.9	30.5	0.3	83
\$029677		76	1.5	9.7	95	23.1	29.4	0.3	87
\$029678		114	2.8	20.7	142	43.1	24.9	0.4	114
\$029679		109	2.0	15.4	142	40.2	26.0	0.4	125
\$029680		2	<0.1	2.4	4	1.8	3.0	<0.1	10
\$029681		112	2.2	16.3	146	47.2	25.8	0.4	130
\$029682		115	2.0	24.3	154	67.1	23.7	0.4	114
\$029683		99	2.4	23.8	247	70.5	25.5	0.4	132
\$029684		116	2.2	14.6	165	40.7	25.7	0.4	149
S029685		118	2.3	15.1	180	44.1	25.3	0.4	132
S029686		118	2.3	14.7	119	46.2	26.4	0.4	141
S029686CD		117	2.3	14.4	118	46.8	26.5	0.4	151
S029687		118	2.1	20.0	168	50.9	25.0	0.3	125
S029688		139	1.6	14.3	301	50.3	23.3	0.3	126



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**CERTIFICATE OF ANALYSIS VA20192975** 

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Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029689 \$029690 \$029691 \$029692 \$029693 \$029694 \$029695		5.88 0.16 4.74 2.96 1.80 2.24 5.12	0.273 5.34 0.266 0.529 0.436 0.325 0.423	0.44 83.2 0.72 0.67 0.96	7.62 6.42 7.75 7.62 7.79 8.04 7.26	3.1 327 2.9 2.7 3.7 2.9 4.0	780 420 750 710 890 1000 680	1.48 1.12 1.32 1.83 1.52 1.46 1.52	0.09 1.27 0.15 0.11 0.10 0.12 0.11	1.90 2.02 1.87 2.84 2.75 2.01 4.21	2.24 25.1 3.77 0.86 2.30 0.75 2.66	22.5 27.9 23.9 29.2 27.3 27.9	11.5 11.2 13.6 14.4 16.6	36 23 34 32 41 39 25	3.69 8.04 3.28 3.66 3.15 3.75 4.64	73.8 124.0 71.9 158.0 106.5 94.7 163.0
\$029696 \$029697 \$029698 \$029699		5.44 5.86 5.48 5.96	0.094 0.197 0.537	0.84 0.72 1.18	5.41 7.72 7.72 8.00	4.8 3.8 4.6	490 1000 1070 980	1.37 1.75 1.22	0.07 0.09 0.13	9.27 6.38 2.47	1.38 1.93 1.91	21.1 32.7 27.7	10.5 5.7 10.5	13 24 36	4.55 6.67 5.56	93.2 81.4 139.5 98.2
S029700		0.92	0.007	0.02	0.09	0.5	20	0.07	0.01	35.7	0.02	1.07	0.6	1	<0.05	1.7
S029701		5.98	0.267	0.54	8.00	5.2	710	2.35	0.14	1.75	2.28	14.65	12.2	42	11.85	30.0
S029702		5.50	0.283	0.59	7.99	5.1	790	1.84	0.13	1.89	2.28	16.90	10.2	37	8.06	31.0
S029703		5.22	0.423	0.57	7.69	4.1	990	1.48	0.12	1.63	1.60	12.30	9.4	38	6.10	63.1
\$029704		5.78	0.315	0.85	7.27	6.1	1120	1.39	0.10	3.66	1.26	23.0	12.3	16	6.95	134.5
\$029705		5.56	0.336	0.99	7.45	6.6	720	1.49	0.14	1.77	0.91	25.1	13.7	17	7.76	134.0
\$029706		6.12	0.290	0.90	7.76	6.4	1520	1.52	0.13	1.73	1.82	35.4	9.8	27	6.33	91.2
\$029706CD		<0.02	0.319	0.87	7.79	6.5	1320	1.50	0.14	1.68	1.90	35.9	10.4	28	6.43	94.9
\$029707		6.68	0.185	0.65	8.28	4.7	1610	1.58	0.12	1.18	1.10	44.0	8.0	31	6.21	74.9
\$029708		5.26	0.206	0.76	8.03	5.0	1100	2.40	0.09	2.96	2.11	35.1	9.9	33	10.20	71.4
\$029709		5.34	0.093	0.71	6.52	7.0	620	1.67	0.03	4.78	1.87	21.2	8.0	19	3.87	116.5
\$029710		0.12	1.025	29.2	5.86	393	170	1.28	0.97	0.65	1.79	29.0	13.2	19	7.89	109.5
\$029711		4.48	0.122	1.11	7.54	7.1	1740	1.45	0.06	4.52	2.71	28.8	13.9	31	5.18	212
\$029712		5.94	0.190	1.35	6.11	7.8	760	1.38	0.05	4.43	0.64	21.1	16.4	24	4.51	209
\$029713		6.42	0.335	1.22	7.58	20.0	620	1.55	0.06	4.62	0.61	37.3	19.0	32	11.30	230
\$029714		6.72	0.341	1.39	7.69	23.4	260	1.29	0.10	2.89	0.48	31.4	18.5	35	8.99	224
\$029715		6.42	0.428	0.98	7.66	31.9	310	1.16	0.06	2.15	0.67	23.7	12.6	35	9.67	122.5
\$029716		6.24	0.088	1.26	8.05	37.4	860	1.05	0.03	2.30	0.30	22.9	8.3	35	11.50	23.6
\$029717		6.48	0.251	1.22	7.74	35.1	1220	1.09	0.05	1.43	1.04	17.05	8.3	29	9.53	65.3
\$029718		6.20	0.292	1.29	7.57	19.0	1420	1.33	0.08	2.71	0.46	21.8	12.2	37	8.08	142.0
\$029719		5.24	0.330	1.15	8.22	20.6	1210	1.01	0.07	2.68	0.21	22.5	8.7	36	8.79	64.6
\$029720		0.60	<0.005	0.11	0.35	1.3	100	0.22	0.06	32.1	0.04	1.10	1.2	1	0.10	8.4
\$029721		4.42	0.300	1.36	7.71	11.3	350	1.11	0.12	2.53	0.42	29.6	19.2	38	3.76	215
\$029722		7.28	0.227	0.77	8.30	18.6	1790	1.14	0.08	2.00	0.38	26.4	11.6	40	6.31	86.3
\$029723		5.36	0.257	1.04	8.49	7.8	1400	1.14	0.10	2.20	0.57	30.3	12.4	43	4.14	168.0
\$029724		5.50	0.227	0.83	8.39	9.0	1640	0.91	0.06	1.76	0.14	27.1	13.0	40	3.37	115.5
\$029725		7.06	0.238	1.49	8.02	9.8	680	0.91	0.09	1.90	5.76	29.1	13.6	38	5.91	134.0
\$029726		6.16	0.098	1.01	8.08	8.2	830	0.98	0.14	1.56	9.79	25.2	13.7	37	6.36	127.5
\$029726CD		<0.02	0.161	1.03	8.17	8.4	770	0.96	0.14	1.58	9.81	24.2	14.0	37	6.32	127.5



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	92975	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029689		3.55	19.50	0.16	1.3	0.050	2.59	8.2	35.2	2.22	1100	4.10	3.43	5.6	20.6	1050
\$029690		4.93	13.45	0.14	1.3	1.470	3.84	14.2	13.3	0.50	1210	10.40	0.24	5.9	17.0	970
\$029691		3.80	17.90	0.14	1.2	0.017	2.86	9.8	27.0	1.60	901	5.15	3.26	4.5	19.6	840
\$029692		4.08	19.40	0.20	1.5	0.062	2.76	12.9	36.1	4.44	1340	6.39	2.36	4.8	26.4	960
\$029693		4.25	18.40	0.18	1.7	0.062	3.29	11.5	52.1	4.08	1200	15.95	2.48	5.0	41.3	1060
\$029694		3.97	20.5	0.17	1.3	0.030	3.20	11.8	27.0	1.67	969	2.74	3.17	6.0	22.0	1110
\$029695		3.80	18.00	0.19	1.6	0.094	3.34	12.8	61.5	4.68	1400	21.1	1.67	4.7	36.0	870
\$029696		3.16	13.75	0.13	1.4	0.186	2.20	8.7	70.5	6.94	2000	30.7	0.58	3.5	20.3	790
\$029697		2.68	18.40	0.20	1.7	0.078	4.57	12.6	50.8	3.04	1590	13.45	1.75	6.0	18.2	900
\$029698		3.31	17.30	0.18	1.1	0.032	4.39	10.3	37.2	1.81	1180	7.81	2.19	4.9	17.9	1030
\$029699 \$029700 \$029701 \$029702 \$029703		3.18 0.13 2.86 3.24 3.89	19.25 0.29 26.2 23.6 18.90	0.19 0.09 0.17 0.20 0.17	1.2 0.1 1.3 1.3	0.026 <0.005 0.027 0.030 0.025	4.12 0.03 4.40 4.34 3.68	7.1 1.2 4.5 5.6 4.2	32.3 1.4 38.6 31.9 37.1	1.71 1.88 1.97 1.90 2.07	1080 138 1060 1190 1250	2.48 0.07 2.81 5.25 3.31	2.61 0.03 1.55 1.99 2.35	5.5 0.1 5.9 5.4 5.1	18.4 1.0 19.3 19.9 18.8	1180 70 1080 890 950
\$029704		4.18	16.35	0.20	1.6	0.015	4.06	8.7	36.6	1.97	1280	18.20	1.77	5.9	10.4	1000
\$029705		5.14	16.65	0.20	1.5	0.017	4.30	10.4	28.3	1.77	1080	3.73	1.50	5.9	11.7	980
\$029706		3.52	17.20	0.20	1.7	0.020	4.43	18.6	27.8	1.45	944	8.20	1.57	6.5	15.4	880
\$029706CD		3.62	17.20	0.18	1.7	0.020	4.41	18.8	28.7	1.49	948	7.53	1.55	6.5	15.9	840
\$029707		2.95	17.70	0.20	2.0	0.016	4.56	24.5	35.3	1.55	886	3.92	1.92	6.9	16.3	980
\$029708		3.24	20.6	0.20	2.2	0.037	4.55	17.3	53.8	2.42	1360	7.31	1.81	7.4	26.8	1220
\$029709		2.88	15.00	0.15	1.6	0.137	2.35	9.6	65.8	8.41	1890	14.90	1.38	4.3	13.6	1170
\$029710		4.51	12.75	0.15	0.8	0.033	2.79	13.8	10.2	0.38	224	4.72	0.20	5.6	13.9	1300
\$029711		2.55	17.60	0.20	1.2	0.076	3.00	12.9	39.4	4.01	1340	20.1	1.76	5.5	24.9	1140
\$029712		3.78	15.20	0.15	1.3	0.153	1.83	8.8	86.8	10.60	2270	26.5	0.41	4.4	18.9	1110
\$029713		4.51	18.25	0.20	1.4	0.043	4.28	20.6	37.3	2.19	929	28.9	0.10	5.6	25.2	1200
\$029714		6.07	18.75	0.20	1.1	0.043	4.87	16.3	24.7	1.76	879	6.01	0.37	5.3	22.1	1080
\$029715		4.39	19.25	0.17	1.1	0.029	4.20	9.4	23.5	1.48	736	5.22	0.44	5.2	18.5	1000
\$029716		3.38	17.20	0.16	0.8	0.015	3.47	9.9	18.6	1.01	900	6.34	1.06	4.4	13.0	610
\$029717		2.86	15.40	0.15	0.7	0.016	3.76	7.5	12.4	0.68	529	7.15	1.46	3.4	12.8	510
\$029718		4.07	18.65	0.17	1.2	0.046	4.18	8.5	24.9	1.39	1010	3.11	1.47	5.1	18.5	950
\$029719		3.40	19.40	0.16	1.0	0.035	3.35	9.1	24.0	1.38	948	3.74	2.10	5.0	14.2	940
\$029720		0.24	1.23	0.09	<0.1	0.008	0.13	1.1	1.3	2.82	182	0.11	0.17	0.8	1.0	70
\$029721		5.96	19.65	0.15	1.0	0.065	4.23	14.5	20.8	1.39	1020	2.94	2.19	5.2	21.1	1080
\$029722		3.72	19.05	0.17	1.1	0.025	4.20	13.5	22.6	1.35	848	5.02	2.23	4.6	16.6	960
\$029723		4.60	21.9	0.18	1.2	0.029	3.44	13.7	25.6	1.58	969	3.54	3.15	5.7	21.0	1250
\$029724		4.52	20.1	0.17	1.1	0.017	3.49	13.3	24.7	1.52	920	1.26	3.18	4.9	18.4	1110
\$029725		3.79	19.35	0.18	1.1	0.027	3.77	14.6	22.8	1.28	942	6.32	2.50	4.6	16.5	930
\$029726		4.25	19.50	0.18	1.0	0.046	4.03	12.3	23.5	1.28	888	2.71	2.36	4.6	17.2	840
\$029726CD		4.39	19.50	0.16	1.0	0.047	4.01	11.7	23.0	1.28	897	2.66	2.38	4.4	17.2	850



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20192975** 

Page: 3 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 13-SEP-2020 Account: PREBOW

									CERTIFICATE OF ANALTSIS			VA20132373				
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S029689		41.4	50.9	0.006	2.07	1.45	10.5	12	2.1	380	0.34	<0.05	2.53	0.364	1.56	1.7
S029690		9020	164.0	0.004	3.17	82.1	12.9	3	4.3	146.0	0.34	0.34	3.83	0.264	3.69	2.1
S029691		60.9	66.8	0.006	2.92	1.46	10.8	12	1.8	570	0.27	<0.05	2.62	0.308	1.89	1.8
S029692		27.6	97.6	0.009	2.14	1.66	14.0	13	2.2	483	0.26	<0.05	3.07	0.342	1.78	2.2
S029693		29.0	69.8	0.019	2.20	1.66	14.1	16	2.1	549	0.30	<0.05	2.65	0.353	1.86	3.1
S029694		35.2	73.1	0.004	2.38	1.95	11.8	12	1.9	455	0.36	<0.05	2.84	0.389	2.09	1.9
S029695		49.6	98.1	0.033	2.12	2.14	13.7	15	2.6	444	0.27	<0.05	3.47	0.322	1.86	3.9
S029696		23.9	69.2	0.083	0.70	2.10	12.3	7	3.1	312	0.21	<0.05	2.97	0.222	1.20	4.1
S029697		30.5	130.5	0.015	0.93	2.04	14.4	8	3.1	523	0.33	<0.05	4.38	0.366	2.44	3.6
S029698		32.9	106.5	0.014	1.96	1.23	9.3	13	2.2	436	0.31	0.05	2.75	0.309	2.41	1.9
\$029699		40.9	94.7	0.004	1.70	1.25	9.5	10	2.3	397	0.33	<0.05	2.82	0.348	2.48	1.8
\$029700		2.0	0.6	<0.002	<0.01	0.07	0.2	1	<0.2	82.1	<0.05	<0.05	0.09	0.007	0.02	0.1
\$029701		41.0	119.0	0.002	1.41	3.10	12.4	9	2.8	272	0.34	<0.05	2.69	0.378	2.97	2.0
\$029702		52.2	112.5	0.009	1.64	1.72	11.0	10	2.3	352	0.32	<0.05	2.79	0.347	2.88	1.7
\$029703		42.7	84.8	0.007	2.24	1.12	11.5	13	2.1	380	0.32	<0.05	3.01	0.331	2.10	1.8
S029704		27.2	98.4	0.040	2.52	1.35	11.1	17	1.7	401	0.35	<0.05	3.42	0.303	2.44	1.9
S029705		29.6	102.0	0.005	3.10	1.81	10.2	18	1.4	389	0.36	0.05	3.38	0.309	2.57	2.0
S029706		38.9	117.0	0.025	2.14	1.66	9.7	14	1.7	391	0.41	0.06	4.90	0.310	2.99	2.3
S029706CD		41.1	121.0	0.025	2.23	1.74	9.9	14	1.8	381	0.41	<0.05	4.90	0.306	2.88	2.4
S029707		39.4	141.5	0.018	1.66	1.56	11.1	14	2.1	316	0.45	<0.05	6.02	0.317	2.89	3.0
\$029708		42.3	126.5	0.023	1.56	2.48	15.2	10	2.3	327	0.47	<0.05	5.33	0.349	2.68	2.9
\$029709		31.6	71.3	0.101	0.75	2.56	12.1	4	3.0	228	0.26	<0.05	3.09	0.270	1.29	3.5
\$029710		52.4	124.0	<0.002	4.20	35.5	14.0	6	1.8	131.5	0.29	0.32	2.49	0.308	2.39	0.9
\$029711		29.9	124.0	0.124	0.91	2.63	13.3	6	2.9	1500	0.33	<0.05	3.00	0.334	1.76	2.6
\$029712		38.7	61.1	0.128	1.09	2.36	10.0	8	2.9	206	0.27	<0.05	2.89	0.269	1.20	2.8
S029713 S029714 S029715 S029716 S029717		14.5 21.4 19.9 24.9 32.1	167.5 143.5 149.5 154.0 151.0	0.161 0.041 0.027 0.021 0.050	2.64 3.90 2.41 0.63 1.52	3.69 3.23 4.50 3.82 3.96	12.7 12.1 12.4 8.5 7.0	12 16 12 1 3	1.6 1.9 1.7 1.3 0.9	165.5 162.0 198.0 92.9 104.5	0.33 0.31 0.33 0.29 0.23	0.05 0.06 <0.05 <0.05 <0.05	3.47 3.02 2.86 2.43 2.13	0.351 0.366 0.343 0.298 0.233	2.79 2.77 2.60 2.62 2.51	2.8 1.9 1.5 1.2
\$029718		28.0	120.5	0.018	2.08	2.72	10.9	11	1.7	199.5	0.32	<0.05	2.38	0.340	2.67	1.5
\$029719		29.7	121.0	0.014	1.02	2.20	10.5	7	2.3	183.0	0.31	<0.05	2.42	0.349	2.31	1.1
\$029720		1.3	3.5	<0.002	0.02	0.14	0.2	2	<0.2	79.2	0.09	<0.05	0.18	0.005	0.04	0.3
\$029721		22.1	99.7	0.012	3.44	1.86	12.1	13	1.7	303	0.33	0.05	2.61	0.359	2.12	1.3
\$029722		16.8	135.5	0.020	1.38	1.66	12.2	7	1.4	233	0.30	<0.05	2.96	0.332	2.30	1.6
\$029723		26.7	95.2	0.018	2.25	1.30	13.8	10	1.4	315	0.35	<0.05	3.25	0.385	1.86	1.4
\$029724		22.5	94.2	0.011	2.02	1.24	13.0	10	1.2	264	0.31	<0.05	2.84	0.341	1.76	1.4
\$029725		104.0	122.5	0.065	1.95	1.43	11.6	10	1.2	337	0.32	<0.05	2.75	0.327	2.16	1.4
\$029726		155.0	133.5	0.008	2.66	1.64	10.8	11	1.3	217	0.30	<0.05	2.70	0.317	2.27	1.4
\$029726CD		152.0	128.0	0.008	2.78	1.61	10.9	11	1.3	214	0.29	<0.05	2.61	0.312	2.23	1.4



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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Project: Bowser Regional Project

# CERTIFICATE OF ANALYSIS VA20192975

	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34	
	Analyte	V	W	Υ	Zn	Zr	Si	Ti	Zr	
Constant	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5	
S029689		128	1.4	14.3	231	45.6	25.1	0.4	112	
S029690		126	4.3	9.5	1910	46.7	27.4	0.4	79	
S029691		107	1.5	12.4	323	38.7	26.9	0.3	114	
S029692		143	1.2	18.6	171	54.2	26.3	0.4	112	
S029693		142	2.0	19.3	177	65.7	24.7	0.4	105	
S029694		125	1.6	14.9	152	40.0	27.4	0.4	137	
S029695		124	2.3	19.1	234	68.4	23.5	0.3	101	
S029696		139	1.2	16.7	212	57.3	20.2	0.2	62	
S029697		134	2.6	23.9	154	55.9	22.3	0.4	89	
S029698		104	4.3	12.0	167	34.1	24.7	0.3	136	
S029699		115	3.8	12.4	172	39.8	28.0	0.4	129	
S029700		2	<0.1	2.1	4	1.7	4.2	<0.1	7	
S029701		126	4.3	11.2	177	43.8	25.3	0.4	157	
S029702		114	3.5	13.4	186	43.8	24.8	0.4	157	
S029703		128	2.7	11.7	173	45.8	25.6	0.3	142	
S029704		103	2.4	14.8	136	58.7	22.7	0.3	107	
S029705		101	2.6	16.4	130	55.7	24.3	0.3	110	
S029706		91	3.4	17.1	130	66.3	27.3	0.4	139	
S029706CD		89	3.4	17.3	134	66.8	26.7	0.4	140	
S029707		95	3.3	18.9	101	81.8	28.0	0.4	157	
S029708		126	3.4	21.4	147	83.8	24.0	0.4	127	
S029709		129	2.8	14.1	187	68.1	23.5	0.3	126	
S029710		138	2.3	7.8	198	35.4	33.0	0.4	74	
S029711		131	4.3	17.9	160	42.7	25.0	1.0	134	
S029712		125	2.6	16.4	337	47.4	22.2	0.3	92	
S029713		138	5.9	17.3	118	47.7	22.0	0.4	102	
S029714		121	4.9	15.0	119	36.8	24.2	0.4	120	
S029715		122	3.5	10.9	108	35.6	25.8	0.4	114	
S029716		99	2.2	8.2	131	26.1	28.0	0.3	108	
S029717		84	2.2	6.8	94	25.1	30.2	0.2	108	
S029718		115	3.2	11.7	106	40.3	24.4	0.4	123	
S029719		109	3.0	11.9	103	29.6	25.0	0.3	115	
S029720		2	0.1	2.3	8	1.4	4.2	<0.1	9	
S029721		118	2.4	14.6	98	31.8	23.5	0.4	123	
S029722		121	2.8	12.4	111	37.2	25.6	0.4	141	
S029723		138	2.3	15.9	130	38.3	24.1	0.4	141	
S029724		123	2.6	12.6	112	37.6	25.7	0.4	131	
S029725		117	2.7	11.1	308	37.2	27.1	0.6	126	
S029726		110	2.7	10.4	486	33.2	26.4	0.4	126	
S029726CD		112	2.7	10.3	495	31.7	27.1	0.4	121	



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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**CERTIFICATE OF ANALYSIS VA20192975** 

Page: 4 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 13-SEP-2020 Account: PREBOW

														***************************************	323.3	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61										
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029727		6.62	0.093	0.49	8.14	6.9	1140	0.98	0.13	1.18	5.45	24.5	10.4	47	6.47	29.7
\$029728		6.06	0.170	0.77	8.26	15.7	1610	0.90	0.11	1.43	5.88	20.0	9.7	36	6.97	86.4
\$029729		6.78	0.105	0.75	8.47	22.6	1630	1.11	0.13	2.06	4.77	18.65	9.1	37	7.14	64.2
\$029730		0.16	1.050	12.60	6.28	322	320	1.17	0.17	3.80	4.47	24.3	11.4	27	7.59	87.4
\$029731		6.20	0.093	1.02	7.92	8.7	1020	1.09	0.16	2.69	2.47	15.65	14.7	36	5.15	87.1
\$029732		6.06	0.100	1.03	7.91	16.2	550	1.29	0.17	2.04	0.20	18.25	17.7	36	5.41	124.0
\$029733		5.44	0.134	0.76	8.53	7.9	1430	1.40	0.10	2.62	0.15	22.9	15.4	38	7.39	28.6
\$029734		4.36	0.123	0.88	7.43	7.7	2590	1.22	0.08	2.45	24.1	22.0	10.9	33	8.99	46.3
\$029735		1.66	0.387	1.71	7.76	58.0	720	1.53	0.14	4.00	0.55	43.2	18.7	35	9.24	19.7
\$029736		5.30	0.110	2.11	7.81	36.7	990	1.62	0.09	3.02	10.60	22.6	12.1	39	10.10	146.5
\$029737		5.96	0.092	0.58	8.44	18.1	3320	1.34	0.08	1.36	3.06	26.1	17.0	39	9.40	84.7
\$029738		7.12	0.082	0.43	8.33	8.8	1970	1.10	0.07	1.19	0.20	30.1	12.3	38	7.70	56.3
\$029739		6.38	0.122	0.49	8.12	5.6	490	1.40	0.10	1.67	0.29	24.1	11.6	37	8.61	36.6
\$029740		0.56	0.018	0.01	0.11	0.2	50	0.09	0.02	32.9	<0.02	1.17	1.1	1	0.09	1.9
\$029741		5.20	0.225	0.77	7.27	5.4	810	1.78	0.08	4.24	0.35	35.7	10.5	31	8.48	124.5
\$029742		6.12	0.254	0.78	8.59	7.3	1620	1.36	0.09	2.64	0.16	29.9	14.7	40	6.17	76.3
\$029743		5.88	0.285	0.85	8.69	4.7	1240	1.82	0.10	2.96	0.29	24.8	20.7	38	9.37	100.0
\$029744		6.04	0.114	1.30	9.04	5.6	820	1.61	0.06	2.20	0.25	48.0	12.7	44	10.75	306
\$029745		5.54	0.142	1.64	9.02	7.5	1150	1.81	0.08	1.50	0.19	35.5	14.1	44	10.95	152.0
\$029746		4.98	0.212	0.71	8.10	5.8	1450	1.31	0.06	3.25	0.16	21.0	20.7	41	6.56	80.9
\$029746CD		<0.02	0.267	0.74	7.63	5.5	1430	1.21	0.06	3.48	0.14	18.85	20.7	40	6.26	80.0
\$029747		6.54	0.161	0.43	8.67	5.3	1540	1.32	0.06	2.14	0.10	20.8	20.8	41	5.23	72.1
\$029748		6.78	0.255	0.84	8.60	6.3	1480	1.40	0.08	1.97	0.27	28.4	19.1	43	3.26	205
\$029749		5.08	0.224	0.86	8.65	6.3	1540	1.39	0.11	1.81	0.48	33.1	17.1	40	4.12	221
\$029750		0.16	5.76	82.3	6.52	298	420	1.13	1.12	2.10	23.0	27.8	12.6	23	8.64	123.0



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS)								CERTIFICATE OF ANALYSIS VA2019				92975				
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61						
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029727		3.70	18.10	0.16	1.0	0.056	4.49	12.8	19.7	1.04	770	1.42	2.32	4.4	15.2	750
\$029728		3.74	18.25	0.16	0.9	0.040	4.46	10.2	16.7	0.81	889	4.74	2.33	3.8	12.0	580
\$029729		2.97	18.40	0.16	1.0	0.064	4.63	8.8	16.2	0.76	795	1.48	2.62	3.9	13.4	660
\$029730		4.08	13.80	0.15	1.2	0.048	4.13	12.3	14.0	0.56	1420	10.10	0.22	5.4	21.2	930
\$029731		4.47	17.95	0.16	1.0	0.089	4.78	7.1	27.4	1.63	1340	3.85	2.14	4.2	17.4	760
\$029732		5.17	19.70	0.16	1.0	0.051	3.45	7.9	27.4	1.53	1070	9.17	2.52	4.7	21.0	930
\$029733		4.22	21.8	0.17	1.3	0.066	4.16	10.2	30.6	1.67	1200	5.39	2.14	5.1	25.3	1030
\$029734		3.14	18.45	0.15	0.9	0.046	3.77	9.3	23.7	1.25	995	5.14	1.52	4.1	16.1	710
\$029735		6.56	24.2	0.19	1.1	0.162	3.09	23.4	42.1	2.51	1780	13.35	0.81	4.9	23.4	930
\$029736		3.55	22.2	0.15	1.3	0.087	3.93	10.8	30.0	1.57	1180	4.62	1.11	6.4	16.8	1050
\$029737		4.08	22.2	0.16	1.2	0.043	4.03	11.8	38.7	2.16	1160	5.13	1.49	5.9	23.4	1050
\$029738		3.79	19.85	0.17	1.1	0.020	3.95	13.6	30.8	1.83	965	7.60	2.00	5.2	19.2	1020
\$029739		4.33	19.05	0.17	1.0	0.046	4.04	10.8	35.2	2.06	1090	6.22	1.42	4.8	15.0	840
\$029740		0.15	0.35	0.10	<0.1	<0.005	0.03	1.2	2.1	3.16	152	0.05	0.04	0.2	0.8	70
\$029741		4.66	17.00	0.14	1.0	0.049	2.64	18.4	51.0	3.42	1490	12.00	1.21	4.3	16.4	980
\$029742		4.55	23.0	0.18	1.3	0.034	3.82	13.2	30.1	2.01	1300	5.31	2.88	6.5	25.0	1470
\$029743		4.05	22.4	0.20	1.4	0.033	4.21	9.3	28.8	1.86	1090	12.80	2.14	7.1	24.1	1760
\$029744		3.15	24.9	0.21	1.4	0.120	3.44	20.6	28.2	1.69	890	4.42	2.75	7.1	24.4	1480
\$029745		3.33	25.0	0.20	1.4	0.081	4.16	16.2	28.2	1.67	769	4.43	1.79	7.0	23.2	1340
\$029746		3.53	21.4	0.20	1.2	0.024	3.64	9.8	23.8	1.44	971	3.09	2.32	6.2	22.2	1230
\$029746CD		3.51	20.8	0.16	1.1	0.024	3.57	8.3	24.4	1.40	981	2.45	2.35	6.3	21.7	1240
\$029747		3.83	22.1	0.17	1.2	0.020	3.17	9.4	25.1	1.55	897	5.37	3.20	5.9	22.5	1190
\$029748		4.94	22.2	0.19	1.6	0.032	3.11	11.3	31.8	1.81	1000	13.35	3.50	6.2	29.6	1280
\$029749		4.82	22.2	0.18	1.5	0.028	4.27	16.5	29.3	1.62	878	4.50	2.97	6.4	26.6	1280
\$029750		4.97	13.90	0.15	1.3	1.385	3.96	14.6	14.2	0.50	1220	10.10	0.24	6.1	17.1	970



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20192975** 

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$029727 \$029728 \$029729 \$029730 \$029731		99.9 84.9 95.2 149.0 86.4	149.5 153.5 151.0 176.5 124.0	0.007 0.054 0.007 0.010 0.021	2.36 2.08 1.95 2.92 2.63	1.75 1.67 1.77 20.3 1.66	11.1 9.1 9.4 11.8 10.1	8 4 5 3 8	1.3 1.0 1.1 1.5	181.0 167.5 242 196.0 303	0.31 0.25 0.27 0.30 0.28	0.05 0.05 0.05 0.33 0.08	2.64 2.42 2.35 3.10 2.20	0.331 0.257 0.267 0.255 0.306	2.48 2.39 2.51 3.20 2.58	1.3 1.3 1.4 1.7 1.2
\$029732		38.8	113.0	0.100	3.31	1.72	13.1	7	1.5	278	0.31	0.08	2.64	0.320	2.06	1.0
\$029733		56.3	151.0	0.042	1.91	1.83	15.2	5	1.7	267	0.33	0.06	3.03	0.352	2.53	1.4
\$029734		515	143.5	0.016	1.21	2.47	8.8	4	1.2	268	0.27	<0.05	2.23	0.275	2.49	0.9
\$029735		325	158.0	0.098	3.48	3.75	17.0	12	2.2	130.5	0.31	0.08	2.81	0.318	2.09	1.7
\$029736		178.5	140.0	0.031	1.31	4.31	14.4	4	1.6	121.5	0.39	<0.05	2.80	0.376	2.73	1.5
\$029737		35.3	177.0	0.036	1.36	2.40	15.2	3	1.8	340	0.38	<0.05	3.25	0.360	2.62	1.7
\$029738		27.7	164.0	0.025	1.45	1.90	13.1	4	1.5	278	0.33	<0.05	3.25	0.340	2.43	1.7
\$029739		26.2	163.0	0.024	2.23	2.46	13.5	7	1.7	348	0.31	<0.05	2.68	0.319	2.50	1.5
\$029740		0.5	0.9	<0.002	<0.01	0.07	0.3	2	<0.2	82.0	<0.05	<0.05	0.09	0.007	0.03	0.2
\$029741		32.8	117.0	0.050	2.02	2.70	10.3	8	1.6	187.5	0.28	<0.05	2.69	0.293	1.66	1.5
\$029742		18.6	103.0	0.013	1.84	1.79	15.0	11	1.6	246	0.40	<0.05	3.48	0.412	2.18	1.9
\$029743		38.6	148.5	0.049	1.86	2.05	15.4	10	1.6	219	0.42	<0.05	3.98	0.406	2.50	2.4
\$029744		26.9	144.0	0.012	1.04	2.32	16.0	5	2.4	172.5	0.44	<0.05	3.98	0.430	2.40	2.4
\$029745		43.4	198.5	0.025	1.34	2.78	16.4	5	1.9	128.5	0.43	<0.05	3.82	0.420	2.75	2.3
\$029746		26.6	132.5	0.008	1.49	1.91	14.6	8	1.6	226	0.39	<0.05	3.31	0.379	2.24	1.6
\$029746CD		27.7	113.0	0.009	1.49	1.90	13.6	7	1.5	234	0.39	<0.05	3.03	0.380	2.21	1.5
\$029747		11.8	112.0	0.018	1.25	1.48	14.4	6	1.5	258	0.36	<0.05	3.35	0.372	1.83	1.5
\$029748		16.8	87.7	0.127	1.88	1.81	15.5	10	1.6	339	0.38	<0.05	3.77	0.389	1.72	2.0
\$029749		26.6	116.5	0.014	2.38	2.05	16.6	9	1.4	328	0.40	<0.05	3.66	0.403	2.19	1.8
\$029750		9050	169.5	0.005	3.13	75.8	13.6	3	3.9	151.5	0.35	0.27	3.81	0.258	3.21	2.1



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(ALS	,								CERTIFICATE OF ANALYSIS VA20192975	
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$029727 \$029728 \$029729 \$029730 \$029731		125 99 96 107 115	2.8 2.3 2.6 4.5 2.4	8.5 6.9 7.7 9.4 8.7	323 392 284 486 198	29.1 28.0 33.0 39.6 32.8	27.3 29.0 27.1 26.5 25.1	0.4 0.3 0.3 0.3 0.4	139 115 105 75 118	
\$029732 \$029733 \$029734 \$029735 \$029736		113 134 98 162 132	2.5 2.6 2.6 2.7 3.4	11.0 13.4 8.9 12.8 11.5	107 127 788 229 372	30.2 40.3 26.4 34.4 40.0	25.8 25.7 27.7 23.2 25.6	0.4 0.5 0.4 0.4	117 138 102 120 123	
\$029737 \$029738 \$029739 \$029740 \$029741		141 121 116 2 105	3.2 3.2 3.3 0.1 3.4	12.9 12.1 11.7 2.2 13.8	205 113 116 5 139	38.2 36.3 30.0 1.7 33.7	26.4 28.1 26.6 5.4 24.2	0.5 0.5 0.5 <0.1 0.3	122 98 124 10 103	
\$029742 \$029743 \$029744 \$029745 \$029746		137 140 145 153 134	3.7 3.2 3.7 4.0 4.2	15.6 18.4 18.6 14.6 12.6	88 78 84 78 68	42.5 49.0 47.9 44.0 39.3	23.2 23.7 25.6 25.9 23.7	0.4 0.4 0.4 0.4 0.4	124 119 128 127 126	
S029746CD S029747 S029748 S029749 S029750		132 130 144 143 125	4.3 4.0 4.4 4.4 3.9	12.0 12.6 17.0 14.8 10.2	69 70 81 82 1920	38.3 41.3 56.2 52.4 44.2	24.6 25.1 23.9 24.3 27.4	0.4 0.4 0.5 0.5 0.3	131 128 142 131 78	



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Project: Bowser Regional Project

**CERTIFICATE OF ANALYSIS VA20192975** 

		CERTIFICATE COM	MMENTS	
		ANAL	YTICAL COMMENTS	
Applies to Method:	REEs may not be totally s ME-MS61	soluble in this method.		
		LABOR	ATORY ADDRESSES	
	Processed at ALS Vancou	iver located at 2103 Dollarton Hwy, N	orth Vancouver, BC, Canada.	
Applies to Method:	Au-AA23 LOG-21d PUL-32md SPL-21d	BAG-01 LOG-23 PUL-QC WEI-21	CRU-31 ME-MS61 pXRF-34	LOG-21 PUL-32m SPL-21



ALS Canada Ltd.

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27-JAN-2021 Account: PREBOW

#### VA20198673

Project: Bowser Regional Project

P.O. No.: BOW-1102

This report is for 134 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 8-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
KEN MCNAUGHTON	STEPHAINE WAFFORN	

SAMPLE PREPARATION								
ALS CODE	DESCRIPTION							
WEI-21	Received Sample Weight							
PUL-32md	Pulverize 500g-DUP -85%<75um							
LOG-21	Sample logging - ClientBarCode							
CRU-31	Fine crushing - 70% <2mm							
CRU-QC	Crushing QC Test							
PUL-QC	Pulverizing QC Test							
SPL-21	Split sample - riffle splitter							
PUL-32m	Pulverize 500g - 85%<75um							
BAG-01	Bulk Master for Storage							
LOG-23	Pulp Login - Rcvd with Barcode							
LOG-21d	Sample logging - ClientBarCode Dup							
SPL-21d	Split sample - duplicate							

	ANALYTICAL PROCEDURES									
ALS CODE	DESCRIPTION	INSTRUMENT								
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF								
Au-AA23	Au 30g FA-AA finish	AAS								
ME-MS61	48 element four acid ICP-MS									
Ag-OG62	Ore Grade Ag - Four Acid									
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES								
Cu-OG62	Ore Grade Cu - Four Acid									
Pb-OG62	Ore Grade Pb - Four Acid									
Zn-OG62	Ore Grade Zn - Four Acid									

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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(ALS)							С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	98673			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$039201		6.40	0.130	0.77	6.82	25.3	1080	0.88	0.03	8.75	0.10	35.9	16.0	11	4.63	141.0
\$039202		5.28	0.342	2.06	5.88	63.0	1050	0.70	0.03	8.26	0.17	18.10	11.6	16	3.48	427
\$039203		6.14	0.612	1.50	6.55	34.9	1670	0.59	0.04	6.46	0.44	15.45	15.3	33	2.52	616
\$039204		4.66	0.961	2.14	7.71	13.5	2880	0.60	0.11	4.30	0.71	15.95	29.5	42	2.58	1140
\$039205		6.30	1.055	3.40	6.68	82.8	700	0.63	0.11	6.48	0.50	14.80	25.2	47	4.13	1230
S039206		5.38	1.315	2.40	7.55	14.8	4050	0.66	0.07	5.13	0.76	14.60	25.9	49	2.25	1240
S039206CD		<0.02	1.295	2.14	7.50	14.9	4000	0.60	0.07	5.14	0.78	14.45	26.3	51	2.18	1210
S039207		6.52	1.155	1.75	7.66	11.5	1870	0.70	0.07	4.90	0.65	16.95	22.0	32	2.08	983
S039208		6.50	0.546	1.24	7.65	8.7	2810	0.66	0.11	4.42	0.54	13.00	20.0	29	1.76	789
S039209		7.10	0.451	1.38	7.24	8.4	2000	0.72	0.10	4.82	0.91	15.90	25.4	68	1.56	772
\$039210		0.10	1.115	35.1	5.91	413	480	1.21	0.94	0.66	1.76	29.7	13.3	19	8.25	117.5
\$039211		6.30	0.490	1.42	7.68	9.9	2040	0.78	0.08	4.09	0.88	14.20	28.0	49	2.11	833
\$039212		6.24	0.541	1.41	7.65	9.5	1850	0.77	0.07	3.94	1.14	16.00	32.4	48	2.39	840
\$039213		7.38	0.512	1.59	7.72	10.4	1980	0.65	0.09	4.36	0.96	16.60	32.0	63	1.55	1090
\$039214		7.12	0.447	0.85	7.41	8.8	1350	0.62	0.05	5.57	0.50	14.35	17.8	42	1.16	553
S039215		5.42	0.678	1.60	7.12	9.2	1780	0.60	0.09	4.30	0.65	14.70	20.2	59	1.71	989
S039216		5.66	0.694	1.37	7.31	13.6	1690	0.74	0.07	4.53	0.54	17.30	18.7	27	1.29	861
S039217		5.96	0.787	1.73	7.06	9.1	2120	0.79	0.08	4.14	0.52	17.65	16.5	27	1.33	1000
S039218		6.28	0.813	2.22	6.99	10.7	2470	0.73	0.14	3.56	0.78	18.00	17.9	16	1.36	1260
S039219		6.26	0.770	1.81	6.72	15.4	2290	0.71	0.10	3.58	0.76	16.65	20.8	22	1.16	1090
S039220		0.64	0.010	0.01	0.07	<0.2	20	<0.05	0.01	33.7	<0.02	1.02	0.4	1	<0.05	4.1
S039221		6.24	0.760	1.69	6.84	8.6	1870	0.66	0.06	4.47	0.80	15.90	17.1	53	1.12	885
S039222		6.76	0.468	1.04	6.22	10.0	750	0.68	0.03	6.10	0.65	11.40	19.8	145	0.88	547
S039223		5.80	0.597	1.05	6.11	14.8	610	0.54	0.03	6.95	0.81	10.40	19.0	165	0.84	575
S039224		5.98	0.696	1.14	6.52	16.3	820	0.63	0.05	6.95	0.67	10.60	23.4	145	1.10	502
5039225		5.88	0.534	2.00	7.05	20.3	710	0.69	0.07	8.91	0.38	12.20	25.9	158	1.26	800
5039226		5.82	1.125	2.66	6.62	45.6	1070	0.60	0.05	8.94	0.57	10.25	22.5	134	1.55	1150
5039226CD		<0.02	1.240	2.59	6.41	43.2	1020	0.58	0.05	8.75	0.54	9.88	21.6	130	1.48	1120
5039227		5.90	0.685	1.53	6.26	22.4	1920	0.66	0.06	7.35	0.58	10.00	18.4	149	1.25	746
5039228		5.64	0.311	0.89	6.29	51.9	1660	0.61	0.04	7.35	0.59	11.75	14.5	147	1.97	342
5039229		5.50	0.636	2.75	5.93	245	1120	0.72	0.05	7.16	0.39	10.75	20.8	98	4.66	646
5039230		0.16	2.12	>100	3.46	2420	520	0.66	22.7	1.25	58.7	17.05	19.4	35	1.13	>10000
5039231		6.04	0.601	2.98	6.58	1450	1110	1.00	0.06	6.03	0.75	10.45	18.0	90	6.03	629
5039232		6.06	0.553	1.69	5.93	64.2	1150	0.59	0.08	7.58	0.52	10.70	13.4	91	1.91	735
5039233		5.78	0.541	1.97	5.88	40.8	990	0.54	0.12	5.11	0.39	10.45	19.5	68	1.60	902
S039234		6.36	0.640	3.26	5.57	192.5	670	0.49	0.11	6.77	0.31	10.15	22.5	30	2.26	1070
S039235		6.44	0.756	2.27	6.97	115.5	460	0.66	0.10	4.36	0.66	10.05	23.1	23	5.10	945
S039236		5.50	1.100	2.33	7.61	48.0	3400	0.87	0.09	4.22	0.62	11.70	34.0	34	2.80	1380
S039237		6.10	0.456	1.24	7.13	29.9	2040	0.85	0.08	4.93	0.65	13.15	24.2	34	1.74	723
S039238		5.50	0.572	1.19	7.42	24.7	2120	0.84	0.06	5.57	0.55	11.80	20.0	31	1.49	730



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	98673	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$039201		5.36	16.30	0.12	1.2	0.089	2.43	16.7	29.3	2.22	2330	8.36	1.93	6.6	4.2	1900
\$039202		4.25	12.75	0.10	0.6	0.110	2.90	8.5	22.2	1.35	2010	21.6	1.52	4.4	8.3	920
\$039203		5.45	13.30	0.09	0.5	0.135	3.25	7.3	22.9	1.79	1860	30.5	1.88	4.1	14.3	1340
\$039204		7.42	15.80	0.09	0.4	0.201	4.81	7.7	25.4	2.27	1630	60.9	1.75	4.4	24.2	1640
\$039205		7.15	13.75	0.10	0.4	0.183	3.53	6.9	26.9	1.81	2000	71.1	1.38	3.8	19.4	1470
\$039206		7.53	14.75	0.11	0.5	0.193	4.72	7.0	22.6	2.07	1630	67.3	1.67	4.3	20.4	1620
\$039206CD		7.52	14.75	0.11	0.5	0.180	4.64	6.8	22.0	2.07	1640	67.1	1.67	4.3	20.3	1620
\$039207		6.68	15.85	0.08	0.6	0.158	3.47	7.5	21.7	2.24	1710	44.0	2.59	5.3	17.4	1830
\$039208		6.11	13.25	0.11	0.4	0.096	5.25	6.5	18.7	2.25	1590	39.0	1.73	3.8	15.5	1630
\$039209		7.70	15.05	0.10	0.4	0.110	3.95	7.6	19.0	2.43	1660	37.5	1.79	3.9	30.5	1390
\$039210		4.48	13.40	0.10	1.0	0.041	2.67	14.5	9.7	0.37	230	5.14	0.19	5.8	13.9	1270
\$039211		6.46	15.20	0.10	0.4	0.086	4.71	6.6	23.6	3.06	1540	40.9	1.59	4.3	23.8	1620
\$039212		6.40	16.90	0.12	0.4	0.098	4.55	7.9	25.5	2.75	1400	43.5	1.65	4.9	27.3	1560
\$039213		6.56	15.35	0.12	0.4	0.112	4.24	8.3	25.9	3.01	1750	58.9	1.86	4.8	28.5	1610
\$039214		5.97	14.05	0.11	0.5	0.117	3.61	6.9	17.8	2.67	1760	30.3	2.47	4.2	20.5	1420
\$039215		5.90	14.35	0.10	0.4	0.118	4.17	7.1	23.2	2.39	1540	35.7	1.97	4.3	21.0	1390
\$039216		6.61	15.05	0.11	0.5	0.133	4.07	8.3	16.6	2.11	1580	26.0	2.23	5.8	16.1	1640
\$039217		5.67	14.40	0.11	0.6	0.134	5.00	8.0	16.5	1.92	1460	29.8	1.86	7.3	15.0	1620
\$039218		5.51	14.85	0.09	0.6	0.106	5.25	8.4	16.2	1.78	1400	27.0	1.76	7.9	12.2	1800
\$039219		5.70	13.20	0.10	0.7	0.113	5.02	8.1	14.6	1.79	1360	28.0	1.52	6.8	15.1	1490
\$039220		0.10	0.20	0.06	<0.1	0.005	0.02	1.2	0.8	1.99	130	0.07	0.02	0.1	<0.2	50
\$039221		6.03	13.10	0.09	0.7	0.134	4.29	7.5	14.3	2.32	1600	23.3	2.03	5.9	18.8	1580
\$039222		5.22	11.60	0.08	0.6	0.177	2.70	5.2	14.7	3.11	1980	27.8	2.42	3.4	25.7	1370
\$039223		5.80	11.80	0.08	0.5	0.189	2.28	4.8	16.6	3.45	2160	23.3	2.36	3.3	31.3	1300
\$039224		5.52	12.55	0.07	0.7	0.174	2.16	5.0	22.7	3.40	2010	28.6	2.58	3.3	33.8	1270
\$039225		6.28	14.00	0.07	0.5	0.200	1.76	5.9	35.9	2.65	2510	35.9	2.56	3.6	41.6	1480
\$039226		5.25	13.30	0.08	0.5	0.190	2.24	4.9	30.8	2.46	2310	47.7	2.30	3.4	37.2	1320
\$039226CD		5.06	12.65	0.06	0.4	0.175	2.15	4.8	28.6	2.33	2240	47.1	2.25	3.2	36.0	1300
\$039227		6.70	12.05	0.07	0.4	0.171	2.83	4.8	19.7	2.87	2000	31.8	1.99	3.0	34.6	1270
\$039228		5.04	12.30	0.08	0.5	0.186	2.57	5.5	21.5	2.77	1940	31.8	2.25	3.3	24.4	1300
\$039229 \$039230 \$039231 \$039232 \$039233		4.91 9.36 5.29 4.73 4.25	11.20 7.68 13.15 12.20 12.40	0.06 0.07 0.06 0.07 0.06	0.5 1.0 0.5 0.5	0.159 0.442 0.183 0.133 0.130	2.14 0.74 2.94 2.41 2.32	5.2 7.4 5.0 5.2 5.1	32.2 8.6 40.9 25.3 22.4	2.04 0.65 2.30 1.99 1.60	1820 4990 1800 1640 1190	25.0 52.6 32.6 31.3 47.3	1.31 1.05 0.95 1.82 1.99	3.0 2.0 3.3 3.1 3.1	35.0 29.2 29.1 22.6 25.9	1210 310 1380 1320 1360
\$039234		6.32	10.75	0.07	0.4	0.119	3.62	5.0	26.7	1.60	1600	40.5	0.54	2.5	18.4	1260
\$039235		6.33	13.00	0.08	0.3	0.136	4.70	4.5	32.9	1.97	1440	38.9	0.99	3.7	15.4	1450
\$039236		7.69	14.65	0.10	0.6	0.130	4.28	5.7	33.9	2.90	1660	45.9	1.60	4.0	18.4	1560
\$039237		6.53	13.50	0.09	0.6	0.122	3.82	6.0	23.8	2.76	1640	40.0	2.02	4.1	17.6	1490
\$039238		5.71	13.40	0.10	0.5	0.114	3.68	5.2	24.3	3.08	1780	55.5	1.94	3.9	16.9	1500



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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	YSIS	VA201	98673	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$039201		5.2	79.6	0.030	0.53	2.71	24.3	1	1.7	201	0.32	<0.05	1.09	0.590	0.63	0.6
\$039202		12.1	95.4	0.131	1.67	2.71	21.7	1	2.3	233	0.22	0.11	1.44	0.290	0.79	0.6
\$039203		9.6	87.8	0.187	1.22	2.14	25.5	1	2.8	350	0.21	<0.05	1.13	0.322	0.75	0.6
\$039204		10.8	128.0	0.442	0.87	1.80	34.8	3	3.1	428	0.24	0.05	0.98	0.399	1.02	0.5
\$039205		10.2	115.5	0.480	2.51	3.38	32.0	3	2.8	304	0.20	0.07	0.87	0.349	0.98	0.4
\$039206		9.5	124.0	0.480	0.85	1.87	34.6	3	3.3	509	0.22	<0.05	1.01	0.383	0.90	0.4
\$039206CD		10.0	116.5	0.479	0.88	1.87	34.7	2	3.5	506	0.24	<0.05	1.01	0.381	0.96	0.4
\$039207		8.8	100.5	0.347	0.60	2.00	32.4	2	3.4	498	0.28	<0.05	1.03	0.421	0.60	0.6
\$039208		9.2	123.0	0.312	0.87	2.08	28.3	3	2.6	492	0.21	<0.05	0.76	0.379	0.85	0.4
\$039209		8.7	108.5	0.188	0.90	3.07	32.5	3	2.6	558	0.20	<0.05	1.12	0.361	0.67	0.5
\$039210		61.2	132.0	<0.002	4.10	36.9	13.9	5	1.9	137.0	0.31	0.33	2.60	0.302	2.31	1.0
\$039211		9.7	109.5	0.188	1.33	2.93	31.0	5	1.9	472	0.23	0.05	0.91	0.392	0.92	0.4
\$039212		10.6	130.0	0.270	1.14	2.77	34.8	5	1.7	412	0.26	<0.05	1.07	0.384	0.95	0.4
\$039213		9.2	105.5	0.305	1.23	2.89	34.3	5	2.2	453	0.26	<0.05	1.19	0.417	0.70	0.4
\$039214		6.9	93.9	0.162	0.27	2.91	31.2	2	3.1	520	0.21	<0.05	0.87	0.379	0.54	0.4
\$039215		7.6	109.0	0.192	0.73	2.15	29.2	2	2.4	344	0.22	<0.05	1.17	0.347	0.70	0.5
\$039216		8.3	106.5	0.130	0.53	2.48	27.2	2	2.9	421	0.30	<0.05	1.16	0.355	0.74	0.5
\$039217		8.4	111.5	0.156	0.41	2.02	25.3	3	2.8	334	0.38	<0.05	1.53	0.375	0.81	0.7
\$039218		9.6	93.6	0.148	0.73	1.97	23.6	3	2.4	294	0.44	<0.05	1.79	0.406	0.85	0.7
\$039219		9.3	107.5	0.144	0.69	1.65	23.6	3	2.1	275	0.38	<0.05	1.68	0.362	0.84	0.8
\$039220 \$039221 \$039222 \$039223 \$039224		<0.5 7.4 5.7 6.3 6.9	0.5 97.2 65.6 55.3 57.8	<0.002 0.121 0.168 0.096 0.101	0.01 0.31 0.12 0.14 0.28	0.08 1.83 2.30 2.41 2.76	0.2 27.9 34.8 34.1 36.4	1 2 1 1	<0.2 2.7 2.8 2.7 2.4	84.3 324 398 477 460	<0.05 0.32 0.17 0.16 0.16	<0.05 <0.05 <0.05 <0.05 <0.05	0.07 1.44 0.90 0.83 0.81	0.005 0.355 0.296 0.284 0.301	<0.02 0.72 0.48 0.41 0.43	0.1 0.8 0.4 0.3 0.3
\$039225		3.1	50.0	0.168	0.41	1.67	42.1	1	2.7	271	0.20	<0.05	0.96	0.354	0.37	0.4
\$039226		4.3	62.6	0.255	0.52	2.62	38.8	2	2.2	336	0.18	<0.05	0.79	0.326	0.55	0.3
\$039226CD		4.0	59.0	0.234	0.50	2.46	37.8	2	2.1	322	0.15	<0.05	0.75	0.313	0.56	0.3
\$039227		6.7	72.4	0.167	0.20	3.19	36.0	2	2.4	499	0.16	<0.05	0.80	0.295	0.70	0.3
\$039228		7.3	74.0	0.143	0.37	2.52	37.9	1	3.0	361	0.17	<0.05	0.87	0.299	0.77	0.4
\$039229		9.4	87.0	0.105	1.89	8.95	28.9	2	2.8	210	0.15	<0.05	0.84	0.270	0.93	0.4
\$039230		>10000	25.1	0.028	3.63	1845	6.8	3	2.6	129.0	0.14	0.58	2.22	0.143	0.78	2.4
\$039231		43.4	120.0	0.186	1.83	57.5	32.4	2	2.9	185.0	0.18	<0.05	0.85	0.308	1.24	0.4
\$039232		22.0	69.4	0.151	0.71	4.50	28.9	2	2.7	345	0.17	<0.05	0.86	0.279	0.67	0.6
\$039233		10.8	63.6	0.257	1.22	2.89	27.2	3	2.9	273	0.17	<0.05	0.85	0.276	0.66	0.6
\$039234		9.5	95.7	0.283	2.30	7.55	22.8	4	2.4	187.5	0.13	<0.05	0.65	0.254	1.19	0.3
\$039235		10.9	118.5	0.239	2.46	7.11	25.7	4	2.2	321	0.19	<0.05	0.70	0.332	1.36	0.3
\$039236		8.9	110.0	0.307	0.99	4.01	34.2	5	2.3	542	0.21	<0.05	0.76	0.415	0.95	0.2
\$039237		8.3	93.3	0.261	0.56	2.84	31.6	3	3.1	429	0.22	<0.05	0.88	0.373	0.82	0.4
\$039238		7.8	88.2	0.279	0.34	3.91	30.3	3	2.8	618	0.21	<0.05	0.81	0.390	0.73	0.3



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**CERTIFICATE OF ANALYSIS VA20198673** 

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											CAILO	1 / (14/ (1	_ 1 3 1 3	VA20190073
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$039201 \$039202 \$039203 \$039204 \$039205		179 136 195 249 222	3.5 2.5 1.8 1.6 2.6	30.0 16.4 14.2 16.6 16.2	102 84 89 121 108	44.8 15.2 15.6 10.0 9.2					16.3 19.1 19.9 20.6 18.6	0.5 0.3 0.3 0.5 0.4	71 50 51 54 44	
\$039206 \$039206CD \$039207 \$039208 \$039209		247 246 261 236 235	1.6 1.5 1.6 1.3 1.5	16.1 15.8 17.6 14.7 15.1	122 122 116 123 156	13.0 11.0 16.0 9.0 10.1					19.8 19.9 20.6 21.8 20.1	0.5 0.5 0.5 0.5 0.4	55 59 57 60 48	
\$039210 \$039211 \$039212 \$039213 \$039214		140 251 246 254 213	2.4 1.2 1.2 1.3 1.4	8.5 14.6 17.4 16.2 15.6	201 195 184 191 133	34.1 8.2 8.8 9.1 12.3					29.0 21.2 21.8 21.8 21.0	0.4 0.5 0.5 0.5 0.5	82 63 63 58 61	
\$039215 \$039216 \$039217 \$039218 \$039219		213 233 225 235 208	1.4 1.8 1.5 1.7 1.6	13.7 15.6 15.4 14.2 14.2	127 108 101 110 105	11.5 11.1 14.3 14.6 15.6					22.6 21.7 21.5 24.4 23.6	0.4 0.4 0.5 0.5 0.4	57 58 64 68 67	
\$039220 \$039221 \$039222 \$039222 \$039223 \$039224		1 226 207 204 204	<0.1 1.4 1.1 1.0 1.1	1.9 14.6 13.3 11.1 12.6	3 110 116 123 119	1.1 16.2 14.4 12.3 11.2					3.3 22.6 23.2 21.8 20.0	<0.1 0.4 0.3 0.3 0.3	<5 54 41 46 47	
\$039225 \$039226 \$039226CD \$039227 \$039228		242 216 207 208 212	4.9 3.5 3.4 1.5 1.4	14.7 13.7 13.2 11.9 12.5	114 109 103 105 106	16.0 10.9 10.3 11.4 13.7					15.3 16.6 16.7 19.6 20.2	0.3 0.3 0.3 0.4 0.3	43 45 38 40 41	
\$039229 \$039230 \$039231 \$039232 \$039233		194 51 218 208 280	2.7 0.7 3.9 1.4 2.0	10.8 8.3 10.9 12.1 11.3	90 >10000 122 93 90	11.4 31.7 13.5 13.6 14.3	388	1.735	4.00	1.080	20.5 24.3 19.5 20.2 21.1	0.3 0.2 0.3 0.3	42 67 40 37 40	
\$039234 \$039235 \$039236 \$039237 \$039238		241 205 255 266 260	2.9 6.9 1.5 1.3	11.8 13.2 15.5 15.5 15.2	94 112 148 121 131	7.4 6.8 6.1 12.8 11.9					20.3 20.8 19.5 21.7 21.7	0.3 0.3 0.5 0.4 0.5	31 39 62 59 66	



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**CERTIFICATE OF ANALYSIS VA20198673** 

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											CAILO	I ANA	-13.3	<b>V/1201</b>	30073	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$039239		5.70	1.035	2.62	7.31	66.3	1800	0.98	0.07	5.94	1.25	13.70	24.5	31	3.13	1150
\$039240		1.32	<0.005	0.05	0.09	<0.2	20	0.07	0.01	32.0	0.02	0.98	0.7	1	0.06	5.9
\$039241		5.34	0.500	1.76	7.03	49.5	1480	0.81	0.10	5.96	0.82	12.35	18.5	30	2.95	787
\$039242		5.96	0.719	1.86	7.69	17.0	1700	0.82	0.14	4.41	1.36	13.85	29.2	36	2.54	1000
\$039243 \$039244 \$039245 \$039246 \$039246CD \$039247		3.74 3.56 4.56 1.74 <0.02 4.66	0.963 0.940 0.504 0.227 0.231 0.753	1.69 1.93 2.12 1.08 1.28 4.85	7.41 6.99 2.95 3.10 7.50	14.6 20.7 64.4 145.5 148.5 111.5	680 610 1110 240 320 290	0.60 0.68 0.61 0.34 0.37 0.78	0.06 0.06 0.03 0.03 0.09	4.84 6.18 5.69 19.00 18.65 5.96	0.73 0.49 0.42 2.80 3.19 0.76	14.50 11.55 11.30 13.00 11.55	18.6 21.4 24.3 10.8 13.7 40.4	30 28 28 9 10 29	0.70 1.16 1.67 2.28 2.62 5.25	772 823 868 198.5 263 1580
\$039248		5.88	0.600	2.42	6.49	35.8	1000	0.55	0.08	4.39	1.42	10.90	27.0	28	2.51	1150
\$039249		5.20	0.417	2.42	7.50	41.2	950	0.79	0.06	4.25	0.71	12.65	32.7	31	4.59	1060
\$039250		0.16	5.65	79.1	6.17	293	1040	1.01	1.24	1.98	22.7	26.6	11.0	22	7.99	121.5
\$039251		5.36	0.225	1.41	7.69	40.4	1100	0.75	0.05	1.64	0.35	9.52	26.7	35	4.04	605
\$039252		2.34	0.185	4.61	7.48	85.0	1390	0.68	0.05	1.93	1.90	8.92	25.9	31	3.92	627
\$039253		2.68	0.360	4.03	4.47	230	350	0.90	0.07	0.62	3.16	5.31	24.4	25	6.74	466
\$039254		5.70	0.473	3.13	6.29	127.5	160	0.87	0.11	2.89	0.57	8.39	29.0	30	5.21	1020
\$039255		5.52	0.997	3.37	7.11	82.1	1390	0.67	0.11	2.21	0.54	12.35	33.0	32	2.88	1350
\$039256		5.10	0.887	2.36	7.08	41.6	1070	0.64	0.11	3.91	0.66	13.65	28.2	33	1.84	1280
\$039257		5.66	0.693	2.24	6.90	60.8	1250	0.59	0.09	4.54	0.54	13.20	24.8	31	2.31	1040
\$039258		6.04	0.652	3.51	7.15	94.9	810	0.59	0.10	4.76	0.38	12.05	23.2	31	3.87	962
\$039259		6.28	0.394	1.66	7.39	20.7	2030	0.69	0.08	4.20	1.21	12.85	35.0	40	2.61	912
\$039260		1.06	<0.005	0.01	0.08	<0.2	30	0.06	0.01	31.5	<0.02	0.96	1.0	1	<0.05	5.7
\$039261		6.08	0.295	1.30	7.54	9.0	2770	0.62	0.06	3.75	1.14	9.23	31.7	42	3.51	806
\$039262		5.82	0.458	2.23	7.21	38.3	350	0.53	0.08	2.26	0.87	8.90	45.5	41	2.91	1040
\$039263		6.08	0.301	1.49	7.53	11.2	2430	0.68	0.07	3.29	0.87	11.50	30.9	29	1.73	832
\$039264		5.44	0.428	1.83	7.58	10.8	2540	0.64	0.05	3.94	0.69	9.82	26.7	21	1.54	970
\$039265		5.82	0.289	4.98	7.55	18.7	1620	1.00	0.07	4.16	1.03	10.90	27.3	39	3.18	779
\$039266		6.12	0.281	5.23	7.13	15.1	1160	0.98	0.08	5.16	1.08	11.75	29.7	70	3.78	782
\$039266CD		<0.02	0.262	4.98	7.03	13.3	1090	0.83	0.07	5.26	0.94	10.25	26.3	70	3.31	771
\$039267		5.62	0.335	2.44	7.46	27.0	630	0.65	0.09	2.22	0.58	11.70	36.4	65	2.25	932
\$039268		6.56	0.379	2.03	7.30	19.5	430	0.73	0.09	4.68	1.37	14.75	39.2	52	1.98	976
\$039269		6.10	0.263	1.57	7.23	13.0	810	0.66	0.09	5.63	1.05	14.10	30.3	52	1.75	793
\$039270		0.14	1.125	27.6	5.63	364	200	1.28	0.88	0.63	1.62	26.4	14.1	18	8.12	108.5
\$039271		6.16	0.374	1.76	7.49	7.7	2160	0.77	0.09	3.90	1.25	13.65	37.3	47	1.27	1090
\$039272		6.36	0.287	1.57	7.30	12.8	740	0.69	0.08	6.73	1.06	13.85	32.2	45	2.64	806
\$039273		6.60	0.361	1.21	7.46	5.8	2830	0.61	0.06	5.38	0.92	12.50	30.8	55	2.99	736
\$039274		6.02	0.210	1.15	7.39	6.3	960	0.53	0.05	5.26	0.40	13.50	33.3	59	2.73	552
\$039275		6.50	0.123	1.65	7.54	6.2	3020	0.80	0.05	4.31	0.77	15.00	29.4	53	2.21	357
\$039276		4.08	0.191	2.09	7.20	6.3	2550	0.75	0.07	4.43	1.17	12.25	32.2	62	2.22	554



To: PRETIVM
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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	98673	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$039239		5.67	14.35	0.10	0.5	0.115	3.35	6.1	28.4	2.40	1780	39.9	1.96	4.2	16.6	1460
\$039240		0.14	0.29	0.05	0.1	<0.005	0.02	1.2	1.3	3.39	131	0.24	0.05	0.1	0.3	70
\$039241		5.28	13.35	0.10	0.9	0.112	3.17	5.6	30.0	2.19	1540	67.4	1.99	4.0	14.3	1430
\$039242		5.76	15.25	0.08	0.5	0.126	3.15	6.0	23.6	2.38	1300	69.4	2.62	4.2	19.0	1580
\$039243		4.62	12.75	0.07	0.7	0.166	2.09	6.2	15.7	1.69	1220	48.0	2.94	3.8	29.0	1350
S039244		5.24	13.70	0.08	0.6	0.206	1.96	6.5	18.2	1.61	1410	31.4	3.49	3.8	20.2	1440
S039245		6.43	13.20	0.07	0.5	0.169	2.17	5.3	27.0	1.90	1620	41.4	2.51	3.6	16.1	1350
S039246		3.67	5.54	<0.05	0.1	0.057	0.71	5.4	31.2	1.53	3710	34.7	0.67	1.1	5.4	500
S039246CD		3.79	6.56	0.06	0.1	0.061	0.73	6.4	36.3	1.58	3660	45.6	0.74	1.3	6.9	540
S039247		7.38	14.70	0.08	0.3	0.131	3.22	5.3	49.4	2.74	2190	92.3	1.49	4.1	18.4	1550
\$039248		5.96	12.40	0.08	0.3	0.109	3.33	4.9	32.3	2.47	1510	60.8	1.61	3.6	14.3	1290
\$039249		6.66	13.80	0.10	0.3	0.097	3.08	5.9	43.2	3.29	1740	72.7	1.79	4.1	15.9	1530
\$039250		4.66	13.40	0.10	1.3	1.400	3.57	13.7	12.5	0.47	1170	9.86	0.23	5.7	15.4	930
\$039251		6.93	13.25	0.06	0.2	0.049	3.51	3.9	64.2	3.66	1510	37.5	1.05	3.7	18.2	1550
\$039252		6.98	12.35	0.05	0.3	0.051	4.01	3.8	53.4	2.87	1260	26.2	0.94	3.5	17.1	1510
\$039253		5.63	10.35	0.05	0.2	0.068	2.27	2.2	91.4	0.95	280	32.9	0.03	2.4	13.5	880
\$039254		6.28	13.75	0.08	0.3	0.100	4.47	3.3	54.1	1.80	1220	56.6	0.47	3.9	17.0	1360
\$039255		6.02	14.35	0.09	0.3	0.108	4.62	5.6	49.2	2.11	1300	66.2	1.13	4.2	17.1	1450
\$039256		5.93	14.45	0.10	0.4	0.111	5.21	6.3	25.0	1.83	1330	58.4	1.41	4.6	16.5	1490
\$039257		5.45	13.55	0.09	0.4	0.087	5.31	6.2	24.4	1.59	1460	63.3	1.03	4.1	16.4	1410
\$039258		5.25	13.15	0.10	0.4	0.084	5.29	5.4	30.4	1.70	1850	66.1	1.05	4.4	16.9	1490
\$039259		6.49	13.05	0.10	0.3	0.067	4.66	5.8	29.7	3.02	1620	54.6	1.31	3.5	25.4	1580
\$039260		0.14	0.30	0.06	<0.1	<0.005	0.03	1.1	1.7	3.60	142	0.32	0.04	0.1	0.4	60
\$039261		6.40	14.80	0.08	0.3	0.070	4.47	4.1	36.7	3.32	1580	67.5	1.61	3.7	23.8	1690
\$039262		7.82	13.45	0.08	0.3	0.048	5.28	3.7	36.3	2.44	1310	65.1	1.27	3.4	25.7	1620
\$039263		6.78	15.00	0.07	0.3	0.057	4.57	5.2	26.1	2.58	1290	59.7	1.87	3.7	20.0	1580
\$039264		5.96	15.70	0.08	0.3	0.053	4.31	4.4	32.1	2.50	1280	45.2	1.73	4.0	18.1	1550
\$039265		6.37	14.95	0.07	0.3	0.060	4.56	4.9	27.8	2.28	1300	50.8	1.61	3.9	21.3	1600
\$039266		6.48	14.50	0.07	0.4	0.070	4.10	5.8	33.0	1.94	1340	73.3	1.19	3.4	24.9	1510
\$039266CD		6.46	12.85	0.05	0.3	0.061	4.03	5.0	28.2	1.91	1350	61.7	1.18	3.0	22.2	1490
\$039267		6.19	14.90	0.09	0.5	0.076	4.67	5.3	29.4	1.44	1020	75.1	2.22	4.2	24.7	1680
\$039268		6.75	14.70	0.09	0.5	0.060	3.97	7.3	24.2	1.55	1410	62.8	2.11	4.2	23.3	1730
\$039269		5.85	14.35	0.11	0.5	0.066	4.45	6.9	19.6	1.57	1450	59.4	1.85	4.4	20.7	1720
\$039270		4.32	12.80	0.09	0.8	0.033	2.60	13.0	10.9	0.35	220	4.73	0.19	5.6	14.9	1220
\$039271		7.39	15.30	0.09	0.4	0.075	4.29	6.3	23.6	2.64	1500	70.7	2.04	4.5	22.4	1720
\$039272		6.53	13.80	0.08	0.3	0.069	3.39	6.8	32.6	2.72	1820	65.0	2.01	4.1	21.6	1640
\$039273		5.90	13.15	0.07	0.5	0.073	3.75	6.3	30.3	3.13	1600	41.9	1.84	3.6	27.1	1610
\$039274		6.58	14.40	0.09	0.5	0.079	3.21	6.5	57.1	3.38	1600	41.4	1.59	3.7	26.9	1680
\$039275		7.14	14.65	0.08	0.7	0.084	3.62	7.1	27.0	3.31	1520	21.8	1.80	4.2	21.5	1750
\$039276		6.43	13.60	0.06	0.4	0.083	3.40	6.1	29.1	3.16	1490	41.7	1.82	3.6	25.3	1630



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**CERTIFICATE OF ANALYSIS VA20198673** 

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								<u></u>				1 / (14/ (1		<b>V/1201</b>	30073	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$039239		9.3	111.0	0.197	1.55	4.09	32.2	4	3.1	467	0.22	<0.05	0.89	0.387	1.02	0.4
\$039240		3.4	0.7	<0.002	0.01	0.26	0.3	1	<0.2	68.5	<0.05	<0.05	0.07	0.008	0.02	0.1
\$039241		8.3	97.4	0.445	1.56	3.04	29.4	4	2.9	323	0.22	<0.05	0.86	0.375	0.90	0.3
\$039242		9.5	92.1	0.506	1.19	2.42	31.6	6	3.5	435	0.23	0.09	0.94	0.396	0.73	0.4
\$039243		6.9	50.5	0.298	0.31	2.13	27.1	2	3.7	328	0.19	<0.05	0.84	0.344	0.43	0.4
S039244 S039245 S039246 S039246CD S039247		8.2 10.5 11.3 13.3 11.1	55.6 63.8 36.6 40.8 112.0	0.177 0.260 0.223 0.280 0.617	0.53 2.49 3.14 3.26 3.94	2.46 3.72 4.58 5.32 6.25	33.9 30.4 9.5 11.7 32.2	2 3 2 2 2 7	5.3 3.9 0.8 1.0 2.5	449 393 398 397 340	0.20 0.19 0.06 0.07 0.23	<0.05 <0.05 0.06 0.06 <0.05	0.78 0.71 0.20 0.25 0.75	0.421 0.387 0.128 0.134 0.410	0.49 0.64 0.36 0.42 1.17	0.4 0.3 0.1 0.1 0.2
\$039248		9.2	88.4	0.328	1.59	2.27	28.1	4	1.6	368	0.19	<0.05	0.67	0.349	0.79	0.2
\$039249		10.0	98.5	0.432	2.28	3.04	32.5	6	1.7	366	0.22	<0.05	0.78	0.404	0.86	0.2
\$039250		8660	158.0	0.004	2.95	74.9	12.0	3	3.9	143.5	0.35	0.30	3.79	0.246	3.21	1.9
\$039251		9.9	82.6	0.220	2.62	3.21	30.1	3	1.2	206	0.20	<0.05	0.58	0.404	0.90	0.2
\$039252		27.0	111.0	0.150	4.45	8.73	30.1	3	1.3	207	0.19	0.05	0.71	0.388	0.97	0.3
\$039253		21.0	120.5	0.179	5.02	16.95	22.5	5	1.6	32.0	0.13	0.09	0.52	0.224	1.07	0.3
\$039254		11.1	121.0	0.286	4.89	6.67	29.6	6	2.1	160.0	0.21	0.05	0.57	0.348	1.50	0.3
\$039255		8.9	115.0	0.309	2.15	4.42	30.5	6	2.0	292	0.22	<0.05	0.76	0.362	1.20	0.3
\$039256		11.5	104.0	0.305	1.49	2.40	30.3	5	2.1	418	0.24	<0.05	0.89	0.359	1.20	0.4
\$039257		10.9	120.0	0.359	1.69	2.83	32.8	5	2.1	285	0.21	<0.05	0.78	0.359	1.19	0.3
\$039258		9.5	113.0	0.475	2.21	5.28	31.6	5	2.2	269	0.22	<0.05	0.78	0.361	1.31	0.3
\$039259		10.2	116.0	0.360	1.91	2.37	34.6	9	1.5	684	0.19	<0.05	0.74	0.350	0.97	0.3
\$039260		0.6	0.7	0.002	0.01	0.11	0.3	1	<0.2	66.8	<0.05	<0.05	0.06	0.006	0.02	0.1
\$039261		9.9	96.1	0.371	1.55	2.33	31.7	7	1.5	626	0.20	<0.05	0.67	0.351	0.87	0.3
\$039262		9.4	89.6	0.428	2.82	2.64	33.5	11	1.3	349	0.19	<0.05	0.63	0.346	1.00	0.3
S039263		10.3	93.1	0.367	1.69	2.48	28.6	9	1.7	559	0.21	<0.05	0.68	0.354	0.82	0.3
S039264		8.8	91.9	0.336	1.45	2.62	25.8	7	1.3	582	0.21	<0.05	0.67	0.350	0.78	0.2
S039265		16.0	110.0	0.284	1.96	14.00	30.0	9	1.6	630	0.21	<0.05	0.68	0.358	0.97	0.3
S039266		16.4	137.5	0.431	1.93	17.20	34.7	8	1.7	358	0.18	<0.05	0.77	0.350	1.03	0.4
S039266CD		14.5	119.5	0.362	1.93	15.95	30.9	7	1.5	360	0.16	<0.05	0.66	0.346	0.88	0.3
\$039267		8.1	102.5	0.426	2.59	5.05	35.3	9	2.5	302	0.22	<0.05	0.72	0.391	0.96	0.4
\$039268		11.0	105.5	0.359	3.09	4.76	37.9	12	2.1	538	0.22	<0.05	0.79	0.411	0.79	0.4
\$039269		11.8	115.5	0.387	2.27	2.87	36.0	9	2.1	377	0.24	<0.05	0.85	0.415	0.84	0.3
\$039270		50.2	123.5	<0.002	3.95	34.8	14.4	6	1.7	130.0	0.30	0.26	2.48	0.290	2.15	0.9
\$039271		11.9	90.6	0.444	1.95	2.80	36.7	9	1.8	575	0.25	<0.05	0.79	0.426	0.73	0.3
\$039272 \$039273 \$039274 \$039275 \$039276		9.2 7.8 8.2 9.0 12.4	99.5 109.0 103.0 106.5 89.5	0.405 0.263 0.243 0.184 0.308	2.21 1.55 2.03 1.41 1.74	3.99 2.36 3.88 3.97 3.81	37.4 36.7 39.5 40.7 37.7	6 6 6 4 4	1.4 1.4 1.4 1.4 1.1	549 552 450 614 532	0.22 0.19 0.20 0.24 0.20	<0.05 <0.05 <0.05 <0.05 <0.05	0.81 0.87 0.78 0.98 0.78	0.409 0.350 0.384 0.429 0.370	0.64 0.68 0.67 0.67 0.63	0.3 0.5 0.4 0.4



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(ALS)	,								С	ERTIFIC	CATE O	F ANAL	YSIS	VA20198673
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$039239 \$039240 \$039241 \$039242 \$039243		234 2 214 242 209	1.8 <0.1 2.5 1.2 1.1	16.2 2.3 15.2 16.5 14.1	133 5 130 182 121	12.8 1.8 13.2 13.8 14.6					20.9 4.2 20.0 21.1 23.5	0.5 0.1 0.4 0.4 0.3	59 <5 54 62 53	
S039244 S039245 S039246 S039246CD S039247		249 230 87 91 241	1.5 2.1 1.2 1.4 2.7	15.7 14.6 12.3 14.1 15.2	105 123 248 248 207	15.8 16.1 2.6 3.2 6.7					19.6 20.0 11.8 11.8 17.5	0.4 0.4 0.2 0.2 0.5	56 57 24 23 59	
\$039248 \$039249 \$039250 \$039251 \$039252		213 242 119 250 237	1.2 1.0 4.1 1.5 2.6	14.2 15.7 9.3 12.9 11.3	184 192 1820 199 219	5.5 5.1 43.3 5.8 7.4					22.0 18.8 28.3 21.7 21.4	0.4 0.5 0.4 0.5 0.5	52 59 76 60 53	
\$039253 \$039254 \$039255 \$039256 \$039257		155 215 213 213 210	2.2 2.9 2.2 1.3 2.4	10.1 13.7 15.8 15.7 15.0	159 102 106 94 95	7.2 7.4 8.8 9.9 10.3					32.3 23.3 23.9 22.3 21.5	0.2 0.5 0.5 0.5 0.4	34 53 58 68 59	
\$039258 \$039259 \$039260 \$039261 \$039262		203 250 2 264 235	3.5 0.7 <0.1 0.8 1.0	13.7 14.3 2.3 12.7 13.0	106 194 5 203 196	9.7 8.3 1.5 6.4 6.4					20.3 19.3 3.1 20.1 21.6	0.5 0.5 <0.1 0.4 0.5	55 45 7 52 50	
\$039263 \$039264 \$039265 \$039266 \$039266CD		236 214 245 266 266	0.9 1.1 4.6 7.5 6.4	14.8 13.7 14.0 13.1 11.6	163 155 165 154 154	7.1 6.0 7.3 9.5 7.7					20.5 20.5 20.6 19.1 19.4	0.4 0.4 0.5 0.4 0.4	61 61 63 45 47	
\$039267 \$039268 \$039269 \$039270 \$039271		247 256 251 134 262	3.9 2.2 3.5 2.3 1.5	13.8 18.2 16.9 8.7 17.1	115 153 145 190 191	13.2 12.1 11.7 32.5 8.8					21.1 18.5 18.8 28.6 18.9	0.5 0.4 0.5 0.4 0.5	56 60 63 76 62	
\$039272 \$039273 \$039274 \$039275 \$039276		264 331 256 274 256	1.8 1.3 1.3 2.7 3.5	17.5 14.7 15.3 18.2 14.9	170 168 180 161 190	8.4 10.9 10.8 12.0 7.3					17.3 18.4 17.1 18.1 19.1	0.5 0.5 0.5 0.5 0.5	66 50 59 63 55	



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	98673	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$039277		5.52	0.221	2.83	7.11	8.8	2270	0.60	0.06	4.54	1.12	10.10	23.6	36	2.35	518
\$039278		6.08	0.191	9.11	6.74	11.1	820	1.26	0.06	7.41	1.76	15.40	33.7	27	3.41	501
\$039279		6.18	0.464	1.42	7.44	13.9	2020	0.77	0.08	5.58	1.07	17.05	33.5	35	1.71	787
\$039280		1.04	<0.005	0.02	0.10	<0.2	30	0.10	0.01	33.4	<0.02	1.01	1.0	2	0.05	4.8
\$039281 \$039282 \$039283 \$039284		6.08 6.14 5.86 6.32	0.598 0.160 0.239 0.260	1.78 0.99 1.37 1.16	7.68 7.51 7.27 7.56	9.0 7.6 7.9 7.2	2020 2430 1850 1530	0.62 0.68 0.69 0.66	0.06 0.05 0.04 0.08	4.10 4.43 4.77 5.51	0.72 0.88 0.92	14.55 14.75 12.90 13.90	37.0 26.9 27.7 37.3	31 38 55 50	1.50 1.43 3.25 1.41	1120 555 728 737
\$039285		6.12	0.215	1.09	7.65	6.1	2110	0.66	0.07	5.35	0.98	14.10	42.4	61	1.62	718
\$039286		3.96	0.288	1.60	7.93	8.6	1870	0.93	0.09	5.49	0.90	14.75	44.4	41	1.32	808
\$039286CD		<0.02	0.296	1.71	7.78	8.7	1970	0.93	0.08	5.20	0.90	14.85	45.8	38	1.36	849
\$039287		3.72	1.000	2.45	7.61	7.0	2070	0.82	0.10	4.78	1.23	14.45	36.0	48	2.08	1495
\$039288		4.82	1.080	2.51	7.56	6.3	2040	0.76	0.10	4.44	1.08	13.90	37.8	55	1.44	1610
\$039289		5.18	0.381	0.95	7.00	5.1	1400	0.79	0.05	4.61	0.69	15.20	27.8	52	1.48	460
\$039290		0.16	2.38	>100	3.56	2360	530	0.81	21.0	1.28	62.6	18.30	21.8	36	1.11	>10000
\$039291		5.86	0.078	0.51	7.01	19.4	1010	0.77	0.04	5.62	0.60	17.70	17.5	43	1.39	129.5
\$039292		7.34	0.126	0.52	7.05	3.3	1280	0.86	0.03	4.60	0.79	20.8	19.6	44	1.53	146.0
\$039293		5.42	0.147	0.51	6.75	3.8	1740	0.88	0.04	4.19	0.45	30.9	23.1	37	1.45	191.5
\$039294		6.58	0.134	0.42	7.07	5.0	1560	0.86	0.04	4.25	0.68	17.55	16.8	47	1.63	173.5
\$039295		6.46	0.262	0.63	7.28	2.9	2450	0.83	0.04	3.67	0.69	14.25	17.0	24	2.01	315
\$039296 \$039297 \$039298 \$039299 \$039300		6.10 4.74 4.46 5.40 1.16	0.368 0.393 0.682 0.345 <0.005	1.01 0.91 1.33 1.13 0.10	6.59 6.74 6.84 7.16 0.09	5.9 6.7 8.1 9.4 0.2	2420 2680 2400 2430 30	0.72 0.65 0.97 1.03 0.06	0.04 0.04 0.05 0.09 0.05	4.59 4.28 2.79 3.10 33.6	0.62 1.17 1.48 0.97 0.03	14.70 17.55 20.3 22.0 0.99	15.6 16.2 16.8 14.5 0.8	16 28 6 4	2.60 2.54 2.53 2.51 <0.05	389 374 654 532 7.4
\$039301		5.66	0.203	0.72	7.26	7.6	2550	1.19	0.06	3.90	0.50	23.9	12.1	4	2.58	350
\$039302		5.04	0.210	0.76	7.04	6.9	2000	1.10	0.08	3.70	0.39	23.3	14.4	4	2.56	382
\$039303		1.52	0.288	1.81	7.21	7.8	1810	0.94	0.05	3.56	0.74	19.15	29.3	15	2.82	775
\$039304		7.12	0.246	1.08	7.57	14.5	2360	0.83	0.05	4.76	0.57	14.40	31.2	50	2.44	682
\$039305		6.74	0.156	0.59	7.39	9.3	2500	0.77	0.03	5.10	0.43	13.60	24.7	42	3.29	343
\$039306		7.02	0.212	0.91	7.97	7.8	2080	0.80	0.03	4.74	0.60	15.20	35.6	53	2.61	641
\$039306CD		<0.02	0.220	0.93	7.79	7.2	2110	0.79	0.03	4.74	0.61	13.95	35.1	50	2.55	640
\$039307		6.92	0.166	0.68	7.21	6.0	2250	0.75	0.04	4.45	0.37	15.10	36.0	112	3.52	391
\$039308		6.48	0.138	0.63	7.40	5.0	2120	0.82	0.02	4.58	0.31	13.25	30.9	120	3.14	259
\$039309		5.42	0.382	2.19	7.10	13.3	1690	0.82	0.03	5.57	0.74	15.15	29.8	92	3.08	342
\$039310		0.16	5.42	80.0	6.35	302	1440	0.95	1.16	2.02	22.1	26.6	11.7	22	7.66	116.5
\$039311		5.22	0.125	1.87	7.27	7.1	2190	1.10	0.03	5.39	0.63	12.85	30.3	74	4.70	314
\$039312		6.82	0.251	0.88	7.30	5.4	1090	0.67	0.05	4.91	0.37	14.35	33.6	118	2.07	449
\$039313		5.58	0.257	0.87	7.34	12.4	890	0.74	0.07	4.59	0.67	14.65	36.0	122	1.97	387
\$039314		6.82	0.189	1.00	7.51	24.5	960	0.61	0.07	4.45	0.80	13.45	33.1	52	2.17	366



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20198673** 

Page: 4 - B Total # Pages: 5 (A - D) Plus Appendix Pages Finalized Date: 22-SEP-2020 Account: PREBOW

Meth Analy Unit Sample Description	rte s	-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
\$039277 \$039278 \$039279 \$039280 \$039281 \$039282 \$039283 \$039284 \$039284 \$039285 \$039286 \$039286CD \$039287	6 6 6 6 6 6	5.14 5.42 5.88 5.12 5.94 5.23 5.07 5.47 5.38 5.38 5.38	11.20 13.15 13.90 0.29 14.55 13.15 14.00 13.10 13.05 14.30 14.30 13.20	<0.05 0.09 0.07 <0.05 0.05 0.06 <0.05 0.06 0.08 0.08	0.6 0.3 0.6 0.1 0.6 0.4 0.4 0.6 0.6 0.4	0.061 0.074 0.113 <0.005 0.086 0.062 0.070 0.072 0.073 0.087	3.75 3.79 3.33 0.03 3.40 3.29 2.78 2.81 3.10 3.06 3.24 3.42	5.1 7.4 8.7 1.2 7.1 7.3 6.4 6.5 6.8 6.6	30.3 20.6 24.5 1.3 22.9 20.5 26.2 18.4 24.3 25.8 25.7	2.51 1.85 2.34 2.24 2.91 2.81 3.02 2.71 3.07 2.89 2.91 2.62	1220 1460 1350 118 1370 1260 1340 1320 1390 1440 1430 1360	46.0 60.8 50.8 0.31 69.4 42.9 63.5 64.8 45.0 62.8	1.54 1.09 2.06 0.05 2.23 2.26 2.28 2.70 2.21 2.34 2.26 2.16	2.8 3.5 3.9 0.1 4.4 4.3 3.6 3.5 3.8 3.5 3.5	19.3 20.2 20.3 0.5 19.0 18.3 23.6 27.7 29.3 25.0 25.0	1600 1680 1830 80 1530 1590 1590 1820 1890 1950
\$039288 \$039289 \$039290 \$039291 \$039292 \$039293 \$039294 \$039295	6 9 5 5	7.50 5.21 9.53 5.06 5.38 5.74 4.87 4.55	13.40 13.75 7.74 13.15 13.80 16.10 14.50 14.55	0.05 0.06 <0.05 <0.05 0.05 0.11 0.09 0.11	0.4 0.6 0.9 0.6 0.6 0.6 0.6 0.8	0.109 0.141 0.484 0.108 0.101 0.133 0.113 0.091	3.81 3.30 0.78 3.25 3.76 4.40 4.36 5.11	6.4 6.5 8.9 8.5 10.1 15.3 7.3 5.4	19.0 17.5 9.3 19.9 16.0 22.4 20.0 15.2	2.93 3.23 0.67 2.33 2.17 2.18 1.92 1.30	1380 1540 5180 1560 1440 1340 1340 1080	119.0 116.0 54.6 91.0 42.9 144.5 71.0 116.5	2.04 2.58 1.08 2.68 2.85 2.05 2.67 2.58	3.4 3.8 1.8 4.0 4.3 4.5 4.6 5.6	27.6 21.1 29.0 15.5 15.1 19.9 15.9 10.2	1850 1550 330 1480 1510 1430 1530 1370
\$039296 \$039297 \$039298 \$039299 \$039300 \$039301	4 4 6	3.01 4.08 4.08 4.26 0.12	14.40 14.00 15.60 16.20 0.28	0.11 0.11 0.12 0.12 <0.05	0.7 0.6 0.8 0.9 <0.1	0.098 0.052 0.067 0.060 <0.005	4.92 5.55 4.80 3.98 0.02	5.5 7.8 8.6 9.6 1.2	18.6 15.8 14.1 15.3 1.4	1.00 0.86 0.68 0.93 2.54	997 974 762 825 124	218 67.5 119.0 94.1 0.38	2.07 1.52 2.04 2.27 0.04	5.7 5.0 6.2 6.3 0.1	8.4 9.5 2.5 2.8 0.4	1210 1420 1000 1060 80
\$039302 \$039303 \$039304 \$039305 \$039306	5 5 5	3.85 5.49 5.89 5.46 7.02	16.05 15.30 13.75 13.75	0.11 0.10 0.07 0.06	0.9 0.7 0.4 0.3	0.052 0.034 0.082 0.058	3.56 4.13 4.77 4.17	10.5 8.8 6.4 6.5	16.9 20.8 19.9 25.5	0.86 1.34 2.10 2.91	968 900 1250 1260	78.9 62.8 38.2 111.5	2.66 2.13 1.91 1.47	6.4 5.3 3.4 3.2	2.2 15.1 22.3 19.9	1080 1240 1790 1620
\$039306CD \$039307 \$039308 \$039309 \$039310 \$039311 \$039312	6 6 5	7.04 5.83 5.30 5.73 4.80 5.26 5.14	15.40 14.75 13.80 11.70 13.20 13.75 13.60	0.05 0.05 0.08 0.05 0.05 0.05 0.05	0.4 0.5 0.7 0.2 1.2 0.7 0.4	0.058 0.065 0.064 0.053 1.415 0.068 0.112	3.47 3.43 2.98 2.85 3.77 3.58 4.11	5.9 7.1 6.0 7.0 13.3 6.0 6.3	25.0 28.0 34.2 32.0 13.2 31.8 20.3	3.67 4.75 4.18 3.17 0.49 3.21 3.49	1220 1520 1540 1720 1210 1540 1520	47.3 22.7 18.55 52.9 9.61 61.4 62.8	1.70 1.37 1.78 1.86 0.23 1.27 1.82	3.8 3.5 3.3 3.1 5.2 3.2 3.2	26.1 34.1 42.2 36.2 15.4 29.0 32.8	1810 1900 1590 1490 970 1540 1720
\$039312 \$039313 \$039314	6	5.88 7.03	14.05 13.35	0.07 0.09	0.5 0.5	0.148 0.132	3.67 3.79	6.3 5.8	24.9 21.1	3.87 3.54	1440 1370	19.40 22.6	1.74 1.87	3.3 3.3	36.2 23.0	1780 1710



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20198673** 

Page: 4 - C Total # Pages: 5 (A - D) Plus Appendix Pages Finalized Date: 22-SEP-2020 Account: PREBOW

Name									<u> </u>			CAILO	יו אויאו		VAZUI	30073	
S939278	Sample Description	Analyte Units	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	TI ppm	U ppm
\$\begin{subarray}{c c c c c c c c c c c c c c c c c c c																	
S039286   1.0																	
\$339281									-								
Sagarage									=								
\$\ \begin{array}{c c c c c c c c c c c c c c c c c c c						1.57			5	1.6				0.92			
S039284   10.2									-								
\$\begin{subarray}{c c c c c c c c c c c c c c c c c c c																	
S039286CD									-								
\$339291									-								
S039287         10.3         90.9         0.584         1.25         2.79         32.7         6         1.7         594         0.18         <0.05         0.83         0.366         0.52         0.4           S039288         8.5         92.8         0.752         1.71         2.57         29.4         9         2.2         57         0.20         <0.05         0.88         0.363         0.49         0.5           S039289         8.5         8.78         0.78         0.46         1.68         3.20         3         3.2         364         0.20         <0.05         0.88         0.363         0.49         0.5           S039291         19.2         81.1         0.359         0.80         2.66         27.4         1         3.0         397         0.21         <0.05         1.10         0.343         0.74         0.7           S039294         10.9         9.3         0.15         1.66         27.8         1         3.3         2.98         0.28         <0.05         1.30         0.36         0.37         0.7         0.8           S039296         11.9         9.2         0.643         0.15         1.43         18.6         2 <th< td=""><td></td><td></td><td>12.4</td><td>80.3</td><td>0.430</td><td>1.89</td><td>4.56</td><td>34.2</td><td>/</td><td>1.8</td><td>844</td><td>0.21</td><td>0.06</td><td>0.92</td><td>0.412</td><td>0.45</td><td>0.4</td></th<>			12.4	80.3	0.430	1.89	4.56	34.2	/	1.8	844	0.21	0.06	0.92	0.412	0.45	0.4
Saga288   8.5   9.2   0.752   1.71   2.57   29.4   9   2.2   572   0.20   0.05   0.74   0.371   0.56   0.3     Saga289   8.5   87.8   0.578   0.46   1.68   32.0   3   3.2   38.4   0.20   0.05   0.88   0.363   0.363   0.49   0.55     Saga299   10.90   26.4   0.039   3.79   1905   6.0   4   2.5   134.5   0.13   0.56   2.27   0.148   0.79   2.4     Saga291   19.2   81.1   0.359   0.80   0.66   27.4   1   3.0   397   0.21   0.05   1.10   0.343   0.44   0.7     Saga293   10.9   95.3   0.195   0.06   1.85   29.4   4   3.1   3.1   3.1   0.25   0.05   1.50   0.363   0.52   0.8     Saga294   11.9   95.3   0.195   0.05   0.15   0.307   1   3.6   3.6   0.25   0.05   1.14   0.346   0.67   0.8     Saga295   11.9   92.2   0.643   0.15   1.43   18.6   2   3.3   3.33   3.33   0.35   0.05   1.73   0.387   0.74   0.8     Saga296   9.6   9.5   1.130   0.36   0.15   1.43   18.6   2   3.3   3.3   3.3   0.35   0.05   1.89   0.361   0.76   0.8     Saga298   11.9   92.2   0.643   0.15   1.43   18.6   2   3.3   3.3   3.3   0.35   0.05   1.89   0.361   0.76   0.8     Saga299   11.9   92.2   0.643   0.15   1.43   18.6   2   3.3   3.3   3.3   0.35   0.05   1.73   0.387   0.74   0.8     Saga299   9.6   9.6   9.5   1.130   0.36   0.35   1.13   1.43   18.6   2   3.3   3.3   3.3   0.35   0.05   1.89   0.361   0.76   0.8     Saga299   41.5   87.0   0.478   0.																	
S039289																	
\$\begin{array}{ c c c c c c c c c c c c c c c c c c c																	
S039291																	
\$\ \begin{array}{c c c c c c c c c c c c c c c c c c c	S039290		>10000	26.4	0.039	3.79	1905	6.0	4	2.5	134.5	0.13	0.56	2.27	0.148	0.79	2.4
\$\sigma{\text{S}} \begin{array}{c c c c c c c c c c c c c c c c c c c	S039291		19.2	81.1	0.359	0.80	2.66	27.4	1	3.0	397	0.21	<0.05	1.10	0.343	0.44	0.7
10.3   91.2   0.355   0.15   1.65   27.8   1   3.3   298   0.28   <0.05   1.36   0.374   0.62   0.7	S039292		10.9	95.3	0.195	0.06	1.85	29.4	<1	3.1	341	0.23	< 0.05	1.50	0.363	0.52	8.0
\$5039295         \$11.9         \$92.2         \$0.643         \$0.15         \$1.43         \$18.6         \$2         \$3.3         \$303         \$0.35         \$0.05         \$1.73         \$0.387         \$0.74         \$0.88           \$039296         9.6         93.5         \$1.130         0.36         \$1.93         \$16.1         3         2.8         282         0.36         \$0.05         \$1.89         0.361         0.76         0.8           \$5039297         41.5         87.0         0.478         0.43         2.12         21.1         3         2.7         249         0.30         <0.05			_														
\$\ \begin{array}{c c c c c c c c c c c c c c c c c c c																	
\$039297         41.5         87.0         0.478         0.43         2.12         21.1         3         2.7         249         0.30         <0.05         1.64         0.368         0.85         0.9           \$039298         15.6         118.5         0.628         0.47         1.50         11.9         3         2.2         265         0.41         <0.05         2.92         0.343         0.75         1.3           \$039299         13.3         104.0         0.648         0.76         1.81         11.4         4         2.2         404         0.41         <0.05         2.78         0.363         0.67         1.3           \$039300         8.5         0.5         0.002         0.01         0.31         0.2         1         <0.2         73.4         <0.05         <0.05         0.06         0.02         0.3           \$039301         10.8         99.8         0.433         0.92         2.51         12.9         3         1.7         450         0.45         <0.05         2.82         0.380         0.69         1.7           \$039302         8.2         95.9         0.571         1.55         2.41         12.8         5         2.2	S039295		11.9	92.2	0.643	0.15	1.43	18.6	2	3.3	303	0.35	<0.05	1.73	0.387	0.74	8.0
\$5039298         15.6         118.5         0.628         0.47         1.50         11.9         3         2.2         265         0.41         <0.05         2.92         0.343         0.75         1.3           \$039299         13.3         104.0         0.648         0.76         1.81         11.4         4         2.2         404         0.41         <0.05         2.78         0.363         0.67         1.3           \$039300         8.5         0.5         0.002         0.01         0.31         0.2         1         <0.2         73.4         <0.05         <0.05         0.06         0.02         0.3           \$039301         10.8         99.8         0.433         0.92         2.51         12.9         3         1.7         450         0.45         <0.05         2.82         0.380         0.69         1.7           \$039302         8.2         95.9         0.571         1.55         2.41         12.8         5         2.2         365         0.42         <0.05         2.82         0.380         0.69         1.7           \$039303         11.2         11.7         0.516         1.91         3.14         18.2         11         1.7	S039296		9.6	93.5	1.130	0.36	1.93	16.1	3	2.8	282	0.36	<0.05	1.89	0.361	0.76	0.8
S039299         13.3         104.0         0.648         0.76         1.81         11.4         4         2.2         404         0.41         <0.05         2.78         0.363         0.67         1.3           S039300         8.5         0.5         0.002         0.01         0.31         0.2         1         <0.2	S039297		41.5	87.0	0.478	0.43	2.12	21.1	3	2.7	249	0.30	< 0.05	1.64	0.368	0.85	0.9
\$5039300         8.5         0.5         0.002         0.01         0.31         0.2         1         <0.2         73.4         <0.05         <0.05         0.07         0.006         0.02         0.3           \$5039301         10.8         99.8         0.433         0.92         2.51         12.9         3         1.7         450         0.45         <0.05	S039298		15.6	118.5	0.628	0.47	1.50	11.9	3		265	0.41	< 0.05	2.92	0.343	0.75	1.3
S039301         10.8         99.8         0.433         0.92         2.51         12.9         3         1.7         450         0.45         <0.05         2.82         0.380         0.69         1.7           S039302         8.2         95.9         0.571         1.55         2.41         12.8         5         2.2         365         0.42         <0.05	S039299		13.3	104.0	0.648	0.76	1.81	11.4	4	2.2	404	0.41	<0.05	2.78	0.363	0.67	1.3
S039302         8.2         95.9         0.571         1.55         2.41         12.8         5         2.2         365         0.42         <0.05         2.88         0.372         0.67         1.6           S039303         11.2         117.0         0.516         1.91         3.14         18.2         11         1.7         324         0.34         <0.05	S039300		8.5	0.5	0.002	0.01	0.31	0.2	1	<0.2	73.4	<0.05	<0.05	0.07	0.006	0.02	0.3
S039303         11.2         117.0         0.516         1.91         3.14         18.2         11         1.7         324         0.34         <0.05         2.47         0.380         0.79         1.2           S039304         9.2         123.0         0.320         1.87         2.62         34.7         7         1.9         463         0.20         <0.05	S039301		10.8	99.8	0.433	0.92	2.51	12.9	3	1.7	450	0.45	< 0.05	2.82	0.380	0.69	1.7
\$039304         9.2         123.0         0.320         1.87         2.62         34.7         7         1.9         463         0.20         <0.05         0.88         0.367         0.87         0.5           \$039305         6.7         131.0         0.773         1.36         2.06         32.5         4         1.3         453         0.18         0.05         0.79         0.345         0.86         0.3           \$039306         7.4         97.0         0.308         1.63         2.50         36.7         4         1.3         731         0.22         <0.05	S039302		8.2	95.9	0.571	1.55	2.41	12.8	5	2.2	365	0.42	< 0.05	2.88	0.372	0.67	1.6
\$039305         6.7         131.0         0.773         1.36         2.06         32.5         4         1.3         453         0.18         0.05         0.79         0.345         0.86         0.3           \$039306         7.4         97.0         0.308         1.63         2.50         36.7         4         1.3         731         0.22         <0.05	S039303					1.91		18.2			324	0.34		2.47			
S039306         7.4         97.0         0.308         1.63         2.50         36.7         4         1.3         731         0.22         <0.05         0.86         0.447         0.74         0.3           S039306CD         7.3         81.8         0.352         1.62         2.48         35.8         4         1.2         723         0.23         <0.05																	
\$039306CD         7.3         81.8         0.352         1.62         2.48         35.8         4         1.2         723         0.23         <0.05         0.71         0.449         0.74         0.3           \$039307         4.3         129.0         0.226         2.01         2.11         42.4         6         1.3         500         0.21         <0.05	S039305		6.7	131.0	0.773	1.36	2.06	32.5	4	1.3	453	0.18	0.05	0.79	0.345	0.86	0.3
\$039307         4.3         129.0         0.226         2.01         2.11         42.4         6         1.3         500         0.21         <0.05         0.93         0.416         0.78         0.4           \$039308         6.9         99.3         0.237         1.28         3.97         34.9         5         1.6         422         0.20         <0.05	S039306		7.4	97.0	0.308	1.63	2.50	36.7	4	1.3	731	0.22	<0.05	0.86	0.447	0.74	0.3
\$039308         6.9         99.3         0.237         1.28         3.97         34.9         5         1.6         422         0.20         <0.05         0.84         0.382         0.69         0.3           \$039310         8950         161.0         0.005         3.05         75.3         11.3         3         4.0         145.5         0.35         0.25         3.43         0.253         2.92         2.0           \$039311         10.5         126.5         0.506         1.77         8.90         33.8         5         1.3         417         0.19         <0.05         0.78         0.389         0.87         0.4           \$039312         7.4         115.0         0.451         2.53         2.24         39.5         11         2.1         382         0.19         <0.05         0.86         0.396         0.80         0.4           \$039313         9.2         101.5         0.174         3.10         2.17         38.9         12         2.0         550         0.20         0.05         0.92         0.388         0.65         0.5	S039306CD		7.3	81.8	0.352	1.62	2.48	35.8	4	1.2	723	0.23	< 0.05	0.71	0.449	0.74	0.3
\$039309         8.1         89.1         0.539         2.18         10.50         30.9         4         1.3         437         0.17         <0.05         0.75         0.365         0.61         0.4           \$039310         8950         161.0         0.005         3.05         75.3         11.3         3         4.0         145.5         0.35         0.25         3.43         0.253         2.92         2.0           \$039311         10.5         126.5         0.506         1.77         8.90         33.8         5         1.3         417         0.19         <0.05																	
S039310     8950     161.0     0.005     3.05     75.3     11.3     3     4.0     145.5     0.35     0.25     3.43     0.253     2.92     2.0       S039311     10.5     126.5     0.506     1.77     8.90     33.8     5     1.3     417     0.19     <0.05																	
\$0.93311       10.5       126.5       0.506       1.77       8.90       33.8       5       1.3       417       0.19       <0.05	S039309		8.1	89.1	0.539	2.18	10.50	30.9	4	1.3	437	0.17	< 0.05	0.75	0.365	0.61	0.4
5039312     7.4     115.0     0.451     2.53     2.24     39.5     11     2.1     382     0.19     <0.05	S039310		8950	161.0	0.005	3.05	75.3	11.3	3	4.0	145.5	0.35	0.25	3.43	0.253	2.92	2.0
\$0.39313         9.2         101.5         0.174         3.10         2.17         38.9         12         2.0         550         0.20         0.05         0.92         0.388         0.65         0.5	S039311		10.5	126.5	0.506	1.77	8.90	33.8	5	1.3	417	0.19	< 0.05	0.78	0.389	0.87	0.4
	S039312		7.4	115.0	0.451	2.53	2.24	39.5	11		382	0.19	<0.05	0.86	0.396	0.80	0.4
\$0.539314         9.5         109.0         0.205         3.03         2.66         35.3         13         2.0         545         0.20         <0.05								38.9								0.65	
	S039314		9.5	109.0	0.205	3.03	2.66	35.3	13	2.0	545	0.20	<0.05	0.72	0.398	0.76	0.4



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Plus Appendix Pages
Finalized Date: 22-SEP-2020

**Account: PREBOW** 

(ALS	,								С	ERTIFIC	CATE O	F ANAL	YSIS	VA20198673
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$039277 \$039278 \$039279 \$039280 \$039281		237 235 238 2 237	8.7 26.5 1.2 0.1 1.3	11.6 14.5 16.6 2.3 18.0	168 179 144 4 174	7.3 8.5 20.3 2.8 46.5					20.2 16.7 20.5 3.9 20.2	0.4 0.4 0.4 0.1 0.5	42 46 48 7 59	
\$039282 \$039283 \$039284 \$039285 \$039286		227 244 260 266 272	1.2 1.4 0.9 1.1 1.2	16.7 14.6 14.6 15.3 17.6	137 148 118 137 163	10.3 14.3 35.3 12.2 12.3					21.8 20.7 21.8 20.4 21.2	0.5 0.4 0.4 0.4 0.5	59 53 51 50 56	
S039286CD S039287 S039288 S039289 S039290		269 256 249 228 53	1.2 1.9 1.5 1.3 0.7	17.8 15.8 14.6 15.9 9.3	166 166 152 129 >10000	12.1 7.8 8.4 14.7 29.8	409	1.795	4.13	1.085	20.1 19.9 21.4 21.6 24.1	0.5 0.4 0.4 0.3 0.2	57 53 39 49 71	
\$039291 \$039292 \$039293 \$039294 \$039295		197 207 222 203 161	1.2 1.0 1.2 0.9 1.1	14.9 18.9 20.1 17.1 16.0	115 122 117 136 121	26.7 16.8 16.3 19.1 23.5					21.5 22.1 22.4 20.6 20.8	0.4 0.4 0.4 0.4 0.5	47 62 53 66 76	
\$039296 \$039297 \$039298 \$039299 \$039300		134 154 100 108 2	2.0 2.8 1.6 1.6 <0.1	14.8 15.4 18.0 17.8 2.2	106 128 97 95 7	20.7 18.7 24.8 26.3 1.3					22.2 20.5 21.4 23.7 3.9	0.5 0.5 0.4 0.4 <0.1	83 77 82 96 <5	
\$039301 \$039302 \$039303 \$039304 \$039305		112 116 150 258 249	1.9 1.8 3.7 1.6 1.0	18.6 18.1 15.3 16.6 15.8	85 78 102 109 110	29.2 24.9 21.3 8.3 6.8					23.1 23.8 21.7 20.9 20.0	0.5 0.5 0.5 0.5 0.4	105 105 77 50 48	
\$039306 \$039306CD \$039307 \$039308 \$039309		288 290 292 245 213	0.8 0.9 1.0 1.8 6.0	18.2 17.5 17.0 15.1 14.8	126 126 133 157 175	8.2 8.0 12.0 15.4 5.1					20.2 20.7 20.0 20.6 18.8	0.5 0.5 0.5 0.4 0.4	62 62 59 52 48	
\$039310 \$039311 \$039312 \$039313 \$039314		124 260 274 274 269	4.1 6.2 1.3 1.0	10.0 14.8 16.0 15.8 17.1	1910 182 109 121 127	44.1 10.0 13.4 11.2 12.2					27.9 18.5 20.0 19.8 17.4	0.3 0.5 0.4 0.4	80 52 52 50 55	



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**CERTIFICATE OF ANALYSIS VA20198673** 

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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 AI % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
S039315	·	5.60	0.228	0.82	7.70	12.5	710	0.76	0.09	4.96	0.69	13.65	32.0	43	2.57	328
S039316		5.54	0.235	0.79	7.70	9.8	530	0.65	0.06	4.19	0.57	13.55	30.4	28	2.54	298
S039317		7.18	0.231	1.05	7.46	13.3	790	0.87	0.07	5.42	0.47	14.70	31.1	27	2.66	336
S039318		6.40	0.192	0.74	7.62	14.0	1220	0.89	0.05	4.25	0.59	12.25	31.8	33	2.87	246
S039319		6.36	0.194	0.83	7.53	10.6	1110	0.76	0.04	4.85	0.37	12.45	31.5	27	3.22	310
S039320		1.14	<0.005	0.01	0.13	<0.2	40	0.09	0.01	33.8	0.02	1.09	1.0	1	0.05	3.6
S039321		6.34	0.355	1.47	7.39	79.8	530	1.06	0.04	5.93	0.24	12.30	32.9	39	6.46	291
S039322		5.94	0.438	1.85	7.22	86.4	280	1.34	0.07	3.88	0.32	9.57	32.8	30	10.35	396
S039323		6.58	0.893	1.87	7.40	111.5	350	0.99	0.05	5.57	0.59	11.15	31.8	25	6.04	406
S039324		5.86	0.195	1.28	7.76	22.3	760	0.87	0.06	4.60	0.78	11.35	32.3	25	4.11	427
S039325		4.80	0.197	1.14	7.34	26.8	790	0.88	0.05	4.10	0.58	9.64	29.7	27	3.09	377
S039326		6.68	0.157	1.07	7.34	32.4	950	0.89	0.05	6.37	0.91	12.35	28.4	44	3.89	328
S039326CD		< 0.02	0.152	1.09	7.13	33.1	880	0.89	0.05	6.16	0.81	12.25	28.3	43	3.95	323
S039327		3.52	0.160	1.79	7.24	41.9	720	0.70	0.05	3.98	0.42	12.15	38.2	70	2.68	471



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**CERTIFICATE OF ANALYSIS VA20198673** 

Page: 5 - B Total # Pages: 5 (A - D) Plus Appendix Pages Finalized Date: 22-SEP-2020 Account: PREBOW

Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$039315		6.90	14.05	0.09	0.5	0.161	4.09	6.0	22.3	2.99	1360	21.8	1.57	3.6	18.2	1810
\$039316		6.86	13.55	0.09	0.4	0.107	4.78	5.7	21.7	3.02	1340	23.2	1.50	3.6	16.8	1730
\$039317		6.21	13.65	0.07	0.4	0.134	4.60	6.4	24.1	2.15	1560	30.9	1.67	3.4	18.5	1720
\$039318		6.58	14.50	0.05	0.4	0.114	4.65	5.3	28.4	3.09	1400	14.45	1.32	3.1	22.4	1840
\$039319		6.28	14.30	0.09	0.3	0.086	4.68	5.2	34.7	2.62	1440	10.85	1.46	3.1	20.5	1810
\$039320		0.14	0.40	<0.05	<0.1	<0.005	0.04	1.2	1.8	2.58	127	0.30	0.05	0.2	0.8	90
\$039321		6.31	14.45	<0.05	0.3	0.087	4.15	5.6	49.3	2.43	1560	12.90	1.16	3.3	24.2	1720
\$039322		6.43	14.90	<0.05	0.3	0.135	4.77	4.1	49.0	2.23	1360	15.35	0.69	3.2	21.7	1770
\$039323		6.07	13.75	<0.05	0.3	0.115	5.02	4.8	36.6	1.99	1570	6.07	1.00	3.0	20.0	1750
\$039324		6.46	14.45	0.05	0.3	0.091	4.93	4.9	39.4	2.28	1290	14.85	1.42	3.4	21.0	1880
\$039325		6.10	14.30	<0.05	0.3	0.087	4.38	4.1	39.1	2.12	1220	25.4	1.97	3.3	19.9	1810
\$039326		5.90	13.10	<0.05	0.4	0.091	3.81	5.5	39.3	2.02	1430	25.9	1.57	3.0	21.1	1620
\$039326CD		5.83	13.05	<0.05	0.3	0.090	3.68	5.5	39.0	1.99	1390	26.1	1.55	3.0	20.6	1620
\$039327		6.81	14.65	<0.05	0.4	0.121	5.19	5.3	27.3	1.38	1420	70.6	1.41	3.7	28.4	1850



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**CERTIFICATE OF ANALYSIS VA20198673** 

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								<u> </u>								
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
S039315		10.3	120.0	0.196	2.84	2.28	38.7	10	1.9	627	0.22	<0.05	0.69	0.444	0.83	0.4
S039316		11.2	126.0	0.258	3.24	2.50	34.6	12	1.8	651	0.21	< 0.05	0.68	0.439	0.91	0.4
S039317		10.8	129.0	0.272	2.66	2.49	33.4	9	1.7	547	0.21	< 0.05	0.74	0.392	0.93	0.3
S039318		12.3	123.0	0.132	2.40	2.50	32.9	7	1.6	614	0.18	< 0.05	0.70	0.355	1.01	0.4
S039319		8.8	133.5	0.136	2.53	2.30	31.7	6	1.1	579	0.18	< 0.05	0.69	0.343	1.16	0.2
S039320		1.0	1.1	0.003	0.02	0.08	0.3	1	<0.2	76.9	<0.05	<0.05	0.08	0.008	0.02	0.1
S039321		6.5	148.5	0.132	3.24	3.88	32.5	10	1.3	275	0.18	0.05	0.70	0.342	1.10	0.4
S039322		8.6	149.0	0.145	4.21	6.85	30.1	14	1.6	202	0.18	0.07	0.60	0.343	1.36	0.4
S039323		10.5	162.5	0.073	3.74	4.73	28.0	12	1.6	407	0.17	< 0.05	0.63	0.331	1.46	0.3
S039324		12.5	136.0	0.134	2.73	2.62	30.6	11	1.3	671	0.18	0.05	0.68	0.347	1.18	0.3
S039325		10.1	110.5	0.258	2.74	2.26	30.0	8	1.3	454	0.17	<0.05	0.62	0.349	1.00	0.3
S039326		9.2	124.5	0.209	2.62	2.89	27.6	8	1.4	334	0.16	< 0.05	0.64	0.324	0.82	0.3
S039326CD		9.3	123.0	0.213	2.61	2.90	27.3	8	1.3	322	0.17	< 0.05	0.67	0.324	0.88	0.3
S039327		9.3	127.0	0.526	2.82	2.43	32.5	12	2.0	283	0.19	<0.05	0.77	0.385	1.06	0.3



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(									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA20198673
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$039315 \$039316 \$039317 \$039318 \$039319		300 267 257 265 258	1.1 0.9 2.0 0.8 0.9	19.5 19.1 20.5 14.9 17.9	119 116 128 133 122	11.0 11.2 9.4 9.7 5.5					18.4 19.3 18.8 19.3 18.2	0.5 0.5 0.5 0.4 0.5	60 65 61 50 46	
5039321 5039322 5039323 5039324 5039325		264 278 247 257	3.7 3.3 1.7 1.3	13.0 10.0 12.8 14.9	101 126 113 125	6.7 6.4 6.7 6.3					17.9 19.7 17.8 18.5	0.4 0.4 0.4 0.5	45 45 46 48	
5039326 \$039326CD \$039327		249 248 290	5.2 5.3 11.8	13.1 13.1 13.1	128 126 101	7.2 6.3 11.1					18.1 17.7 18.1	0.4 0.4 0.4	44 43 48	



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	ANALISIS	VAZU1300/3	

		CERTIFICATE COM	IMENTS	
		ANALY	TICAL COMMENTS	
Applies to Method:	REEs may not be totally s ME-MS61			
		LABOR	ATORY ADDRESSES	
	Processed at ALS Vancou	ver located at 2103 Dollarton Hwy, No	rth Vancouver, BC, Canada.	
Applies to Method:	Ag-OG62	Au-AA23	BAG-01	CRU-31
	CRU-QC	Cu-OG62	LOG-21	LOG-21d
	LOG-23	ME-MS61	ME-OG62	Pb-OG62
	PUL-32m	PUL-32md	PUL-QC	pXRF-34
	SPL-21	SPL-21d	WEI-21	Zn-OG62



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## VA20198675

Project: Bowser Regional Project

P.O. No.: BOW-1098

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 8-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA
LEANNE HAWKINS COREY JAMES JULIANNE MADSEN
KEN MCNAUGHTON STEPHAINE WAFFORN

SAMPLE PREPARATION									
ALS CODE	DESCRIPTION								
WEI-21	Received Sample Weight								
PUL-32md	Pulverize 500g-DUP -85%<75um								
LOG-21	Sample logging - ClientBarCode								
CRU-31	Fine crushing - 70% <2mm								
CRU-QC	Crushing QC Test								
PUL-QC	Pulverizing QC Test								
SPL-21	Split sample - riffle splitter								
PUL-32m	Pulverize 500g - 85%<75um								
BAG-01	Bulk Master for Storage								
LOG-23	Pulp Login - Rcvd with Barcode								
LOG-21d	Sample logging - ClientBarCode Dup								
SPL-21d	Split sample - duplicate								

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Pb-OG62	Ore Grade Pb - Four Acid	
Zn-OG62	Ore Grade Zn - Four Acid	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: Due to sample matrix, sample SO39115 cannot be analyzed by pXRF-34 method.

Signature:

Saa Traxler, General Manager, North Vancouver



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Project: Bowser Regional Project

(ALS									С	ERTIFIC	CATE O	F ANAI	YSIS	VA201	98675	
Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 AI % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
\$039101 \$039102 \$039103 \$039104 \$039105		5.94 5.40 3.16 5.78 5.82	0.190 0.230 0.278 0.304 0.278		6.65 1.29 0.66 0.89 0.90	7.02 6.59 5.76 7.09 7.45	20.2 11.8 5.3 6.0 4.6	1270 1170 680 1570 1300	1.23 1.15 1.82 1.30 1.11	0.04 0.06 0.07 0.08 0.06	4.43 6.58 9.78 4.24 1.94	1.32 0.87 1.02 1.30 0.26	31.8 29.3 25.9 37.7 18.30	17.3 11.1 9.4 10.5 10.0	34 19 15 27 37	4.30 5.49 30.5 10.20 6.16
\$039106 \$039106CD \$039107 \$039108 \$039109		5.52 <0.02 4.24 4.66 3.84	0.251 0.269 0.295 0.256 0.263		0.72 0.74 0.89 0.90 0.72	7.55 7.40 7.57 7.09 7.91	5.1 4.7 5.1 4.4 4.7	1140 1140 1280 1450 1770	1.12 1.07 1.55 1.36 1.59	0.06 0.06 0.05 0.05 0.06	1.95 1.95 4.36 3.19 2.09	0.19 0.18 0.47 1.10 0.92	18.60 17.05 22.7 22.2 28.8	9.5 9.1 12.7 11.5 12.8	37 36 31 36 35	6.38 6.42 15.20 7.89 6.87
\$039110 \$039111 \$039112 \$039113 \$039114		0.16 4.88 2.92 3.28 3.70	0.937 0.258 0.358 0.302 0.420		11.90 0.77 0.96 0.69 0.89	6.26 7.29 7.30 7.77 7.65	330 4.7 6.0 6.6 6.4	1250 1270 1430 1340 1430	1.07 1.39 1.55 1.30 1.31	0.17 0.04 0.06 0.05 0.05	3.65 2.60 3.96 3.31 2.54	4.52 0.47 0.74 0.65 0.35	25.2 23.4 33.5 27.3 25.0	10.8 13.4 14.7 11.2 14.8	25 40 27 39 41	7.08 7.50 6.95 5.72 7.88
\$039115 \$039116 \$039117 \$039118 \$039119		3.42 3.52 5.46 5.20 6.64	0.310 0.345 0.397 0.336 0.283		0.81 0.99 3.34 1.23 1.76	6.51 6.73 6.81 7.29 7.56	10.8 15.0 105.5 21.8 52.4	830 2530 1520 1270 1630	1.72 0.91 1.19 1.05 1.21	0.05 0.06 0.03 0.04 0.04	6.24 5.46 7.28 4.49 2.84	0.72 0.48 0.87 0.32 0.15	27.3 30.7 29.8 30.2 22.4	14.1 17.0 15.0 14.9 10.8	21 24 22 32 17	5.53 3.95 8.63 7.22 10.75
\$039120 \$039121 \$039122 \$039123 \$039124		0.80 5.80 5.54 3.78 5.78	<0.005 2.99 >10.0 1.745 3.62	11.35	0.02 5.05 8.91 2.51 5.03	0.08 7.19 7.04 6.66 7.71	<0.2 123.0 209 109.5 901	40 1620 1080 730 880	0.05 1.07 1.00 1.10 1.10	0.01 0.05 0.05 0.04 0.06	34.1 2.25 3.44 5.00 2.80	<0.02 1.17 1.63 0.61 1.10	1.12 20.3 26.8 23.7 22.4	1.0 11.6 11.0 8.3 10.8	2 38 37 35 41	0.06 10.25 7.90 8.23 9.05
\$039125 \$039126 \$039126CD \$039127 \$039128		6.20 5.10 <0.02 6.04 5.64	0.361 0.217 0.223 0.231 1.710		1.79 1.50 1.56 1.74 3.26	7.38 7.17 7.20 7.24 6.62	14.2 27.5 29.0 45.1 43.8	1290 1140 1160 1200 750	0.91 1.06 1.08 0.76 0.77	0.07 0.05 0.05 0.05 0.05	2.67 3.08 3.14 2.01 1.82	0.49 0.21 0.22 0.21 0.21	18.75 26.3 27.1 15.60 22.7	11.0 11.7 12.2 7.8 9.9	38 41 43 40 46	5.64 5.53 5.69 5.50 4.89
\$039129 \$039130 \$039131 \$039132 \$039133		6.70 0.16 5.90 6.70 5.84	0.663 5.93 0.286 0.222 0.435		1.80 82.1 1.60 1.32 1.50	7.70 6.44 6.99 7.13 7.20	23.0 306 22.7 35.2 7.7	1210 1400 900 980 800	0.89 1.10 0.98 1.01 1.02	0.05 1.28 0.07 0.07 0.06	2.33 2.02 2.85 2.05 1.52	0.22 24.0 0.20 0.20 0.27	21.2 26.7 17.35 15.60 17.10	11.6 11.5 11.2 9.8 5.6	49 23 49 43 46	6.81 8.23 6.63 7.08 6.86
\$039134 \$039135 \$039136 \$039137 \$039138		5.26 6.14 5.66 5.92 6.16	0.464 0.392 0.233 0.314 0.358		1.43 1.88 1.41 1.57 2.16	7.36 6.89 7.01 7.14 7.07	15.4 55.3 21.7 12.5 32.2	1030 990 950 1020 1260	1.09 0.84 0.77 0.79 1.02	0.06 0.06 0.05 0.08 0.07	2.82 2.26 1.47 2.12 2.72	0.29 0.23 0.20 0.22 0.28	24.2 18.15 16.40 22.0 22.0	11.6 10.1 6.5 8.9 11.7	41 44 44 43 43	5.67 5.45 3.97 4.38 5.79



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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Project: Bowser Regional Project

								C	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	98675		
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
S039101		386	4.07	17.00	0.09	1.2	0.096	3.53	15.3	46.3	3.90	1920	43.6	1.75	5.0	47.4
S039102		235	3.18	17.40	0.09	1.4	0.142	2.46	14.9	53.3	4.86	2210	47.5	1.69	4.4	22.0
S039103		220	3.05	16.15	0.08	1.5	0.174	1.99	11.0	52.8	4.98	2380	51.0	0.78	4.4	20.1
S039104		307	2.87	19.95	0.12	1.5	0.057	5.29	15.6	22.4	1.82	1240	27.2	1.60	5.8	16.8
S039105 S039106		190.0	2.85	17.80	0.10	0.9	0.019	3.96	8.4	25.1	1.23	758 707	38.8	2.24	4.8	15.2
\$039106CD \$039107 \$039108		189.5 310 285 267	2.83 4.01 3.50 3.15	17.65 19.00 18.10 19.65	0.11 0.11 0.12 0.14	0.8 1.0 0.9 1.2	0.014 0.074 0.050 0.023	3.93 3.51 4.50 5.24	8.1 10.8 9.9 13.0	24.5 36.4 33.8 26.5	1.34 2.67 2.11 1.54	712 1640 1230 722	35.9 36.2 28.2 15.90	2.45 2.14 1.96 2.12	4.4 5.0 4.9 5.5	13.4 17.1 16.5
S039109 S039110 S039111		84.0 319	4.05 3.63	14.00 18.30	0.14 0.12 0.13	1.2 1.2 1.1	0.023 0.046 0.028	3.93 3.95	13.2 10.7	12.5 29.9	0.57 1.66	1420 931	10.90 20.6	0.21 2.40	5.5 5.2 5.7	19.1 20.5 17.0
S039112		348	4.03	19.20	0.12	1.2	0.062	3.96	16.6	33.6	2.18	1360	17.35	1.94	5.5	19.8
S039113		242	3.44	20.1	0.15	1.0	0.038	4.47	13.1	26.0	1.38	937	18.25	2.38	5.5	16.6
S039114		328	4.01	19.65	0.14	1.0	0.019	4.03	11.7	33.5	1.74	1040	61.1	2.29	5.6	18.4
S039115 S039116		298 570	3.88 3.69	16.05 16.35	0.14 0.16 0.12	1.5 1.0	0.151 0.186	2.87 2.20	12.1 15.1	39.7 49.2	3.30 4.36	2130 2130	43.2 70.2	1.16 1.61	6.1 5.0	17.9 16.7
S039117		387	4.41	17.80	0.13	1.1	0.104	4.24	15.4	23.9	2.30	2030	75.0	0.24	4.9	19.4
S039118		381	4.36	18.20	0.12	0.9	0.089	4.52	14.2	19.7	1.33	1360	30.4	1.25	5.4	18.4
S039119		289	3.60	19.30	0.14	0.9	0.045	4.51	10.5	19.2	1.06	1040	28.2	1.25	7.0	9.1
S039120 S039121		6.9 384	0.16 3.01	0.29	0.09	<0.1 0.9	<0.045 <0.005 0.046	0.03	1.3	1.0	1.91	140 767	0.31	0.02	0.1 5.2	0.9
S039122		411	3.50	17.80	0.13	0.8	0.051	4.19	13.2	18.6	1.00	1020	80.3	0.57	4.8	14.6
S039123		252	2.72	16.45	0.12	0.7	0.079	3.66	12.4	17.0	0.89	1210	43.9	0.45	3.9	10.8
S039124 S039125 S039126		320 453 365	3.12 3.26 3.90	19.05 17.10 18.30	0.15 0.15 0.13	0.8 0.7 0.7	0.047 0.034 0.054	4.33 4.02 3.88	9.2 12.4	16.0 18.6 20.7	0.94 1.13 1.25	924 1090	49.6 40.6 52.9	0.82 1.69 1.65	4.8 4.1 5.1	16.4 14.4 17.7
S039126CD		369	3.98	19.10	0.12	0.7	0.055	3.89	12.7	21.1	1.27	1110	56.8	1.68	5.3	18.5
S039127		384	2.96	16.65	0.15	0.6	0.034	3.96	7.5	15.8	0.88	766	49.2	2.06	3.8	11.0
S039128		584	3.27	16.35	0.11	0.7	0.046	2.52	10.3	17.2	0.98	769	89.1	2.22	4.5	14.3
S039129		497	3.81	18.85	0.12	0.8	0.028	4.26	9.6	19.4	1.17	889	43.6	1.99	5.0	15.8
S039130		118.0	4.89	14.00	0.10	1.3	1.425	3.80	13.7	12.9	0.49	1220	10.55	0.24	5.7	16.7
S039131		417	3.32	16.80	0.12	0.8	0.028	3.56	7.5	19.7	1.00	874	42.0	2.00	4.8	12.3
S039132		344	3.00	16.10	0.11	0.7	0.015	3.90	7.0	18.5	0.89	704	36.4	1.76	3.9	11.6
S039133		283	2.25	16.20	0.12	0.7	0.012	3.20	7.7	13.0	0.77	539	48.6	2.46	3.6	8.3
S039134		473	4.34	19.35	0.13	0.8	0.046	3.63	10.6	22.7	1.23	1000	31.1	2.20	5.2	17.3
S039135		441	3.45	16.50	0.11	0.6	0.045	3.53	8.5	17.8	0.92	820	57.7	2.14	4.3	13.4
S039136		397	2.65	15.70	0.14	0.6	0.016	2.91	7.6	14.1	0.77	623	75.4	2.86	3.7	9.4
S039137		479	3.19	15.65	0.15	0.6	0.020	3.09	10.0	16.2	0.98	816	101.0	2.61	4.2	13.4
S039138		663	3.83	18.25	0.14	8.0	0.038	4.14	10.1	21.7	1.13	1020	47.1	1.89	5.0	17.4



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Project: Bowser Regional Project

(ALS									С	ERTIFIC	CATE O	F ANAL	YSIS	VA201	98675	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
\$039101		950	11.0	111.5	0.289	1.09	41.2	14.1	6	2.1	385	0.30	<0.05	3.49	0.321	1.20
\$039102		730	13.6	90.5	0.247	0.67	7.41	14.2	3	2.6	431	0.26	<0.05	3.41	0.283	0.89
\$039103		820	6.6	103.5	0.223	0.54	2.61	11.3	3	4.4	345	0.26	<0.05	3.23	0.250	0.78
\$039104		770	13.4	126.5	0.175	0.98	4.70	11.4	5	2.0	476	0.36	<0.05	3.32	0.339	1.59
\$039105		860	10.7	136.5	0.189	1.08	2.23	8.7	6	1.9	302	0.29	<0.05	2.28	0.308	1.40
\$039106 \$039106CD \$039107 \$039108 \$039109		640 650 1030 970 870	9.5 9.4 10.4 13.0 17.9	137.0 129.5 126.0 112.5 140.0	0.399 0.375 0.372 0.273 0.143	0.99 0.97 1.12 1.14 1.10	2.25 2.31 1.77 1.60 2.14	8.4 8.3 13.6 10.1 13.0	5 5 7 6	1.4 1.4 2.8 2.7 2.1	260 260 321 325 420	0.29 0.28 0.32 0.30 0.35	<0.05 <0.05 <0.05 <0.05 <0.05	2.28 2.13 4.61 2.78 3.81	0.300 0.300 0.323 0.303 0.341	1.31 1.29 1.16 1.28 1.58
\$039110 \$039111 \$039112 \$039113 \$039114		900 810 950 840 830	151.5 15.0 21.7 14.3 10.3	171.0 114.5 130.5 125.5 132.0	0.014 0.212 0.220 0.178 0.542	2.85 1.21 1.42 1.17 1.64	19.60 1.65 2.22 2.93 2.22	11.3 10.5 13.4 10.5 11.1	2 6 7 6	1.6 2.0 3.0 2.5 1.8	195.5 321 371 541 314	0.28 0.37 0.35 0.36 0.35	0.33 <0.05 <0.05 <0.05 <0.05	3.52 3.21 4.63 3.41 3.58	0.252 0.343 0.308 0.341 0.343	3.37 1.29 1.33 1.44 1.32
\$039115		830	12.3	106.5	0.401	1.02	4.16	11.2	5	2.9	1430	0.41	<0.05	5.65	0.259	0.97
\$039116		1180	9.9	66.4	0.517	1.02	2.19	10.8	4	2.6	709	0.30	<0.05	3.06	0.290	0.67
\$039117		970	10.4	168.0	0.508	1.39	14.15	11.1	3	2.1	316	0.30	<0.05	3.40	0.291	1.58
\$039118		1080	7.2	141.0	0.266	0.87	2.59	12.3	3	2.4	264	0.32	<0.05	3.58	0.333	1.27
\$039119		1060	7.2	154.0	0.231	1.15	4.33	11.3	3	1.3	189.0	0.32	<0.05	3.27	0.312	1.62
\$039120		50	1.0	1.0	0.002	0.02	0.11	0.2	1	<0.2	79.2	<0.05	<0.05	0.07	0.006	<0.02
\$039121		930	50.5	123.5	0.519	1.64	7.37	10.5	3	1.8	133.0	0.32	<0.05	2.93	0.331	1.73
\$039122		840	34.8	152.5	0.586	1.33	8.58	10.4	4	2.0	155.0	0.28	0.13	2.79	0.294	1.36
\$039123		690	16.6	152.5	0.351	1.11	7.26	8.8	3	2.4	167.0	0.24	<0.05	2.34	0.251	1.30
\$039124		760	23.4	168.5	0.471	1.53	10.45	10.1	5	2.0	142.5	0.29	<0.05	2.91	0.302	1.51
\$039125		680	15.4	138.0	0.232	1.19	4.16	9.1	6	1.0	220	0.25	<0.05	2.43	0.264	1.18
\$039126		940	8.1	130.0	0.252	1.13	5.43	10.7	3	2.1	239	0.31	<0.05	2.96	0.326	1.25
\$039126CD		930	8.1	132.0	0.258	1.18	5.73	11.0	4	2.2	241	0.31	<0.05	2.99	0.331	1.26
\$039127		560	9.0	117.5	0.288	1.07	6.41	7.7	4	1.4	183.0	0.24	<0.05	1.91	0.243	1.12
\$039128		780	9.9	96.4	1.475	1.17	7.76	9.7	5	2.3	151.0	0.26	<0.05	2.42	0.293	0.81
\$039129		850	9.3	124.5	0.506	1.44	3.96	11.1	5	1.8	212	0.33	<0.05	2.58	0.347	1.22
\$039130		960	8770	161.5	0.004	3.09	78.6	12.5	3	4.1	147.0	0.34	0.29	3.98	0.256	3.50
\$039131		680	15.2	115.0	0.329	1.16	3.76	11.9	5	1.7	190.5	0.30	<0.05	2.20	0.318	1.12
\$039132		540	11.7	134.5	0.274	1.25	3.51	8.1	6	0.8	176.5	0.26	<0.05	2.28	0.252	1.22
\$039133		560	9.0	114.0	0.557	0.73	4.07	7.3	5	0.9	181.0	0.24	<0.05	2.28	0.229	1.02
\$039134		1120	7.3	114.5	0.351	1.51	2.89	13.8	7	2.5	225	0.32	<0.05	2.88	0.346	1.13
\$039135		1070	7.5	109.5	0.462	1.54	4.23	9.6	5	2.1	175.0	0.27	<0.05	2.40	0.275	1.12
\$039136		580	6.5	89.6	0.730	0.87	1.76	6.9	4	0.8	186.0	0.26	<0.05	2.54	0.230	0.72
\$039137		730	7.6	96.4	1.020	0.98	1.90	8.2	4	1.3	211	0.27	<0.05	2.82	0.274	0.85
\$039138		920	13.2	119.5	0.632	1.26	5.25	10.4	4	1.3	240	0.31	<0.05	2.69	0.331	1.20



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Project: Bowser Regional Project

(ALS									С	ERTIFIC	CATE O	F ANAL	YSIS	VA20198675
Sample Description	Method Analyte Units LOD	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$039101 \$039102 \$039103 \$039104 \$039105		3.0 4.4 6.7 3.1 1.4	130 126 168 110 110	8.6 3.1 1.3 2.8 4.4	15.3 18.7 15.7 15.2 7.9	166 190 292 115 80	40.9 49.1 47.2 35.4 25.8					20.5 20.1 15.2 24.0 26.4	0.4 0.3 0.3 0.4 0.4	94 86 67 89 130
\$039106 \$039106CD \$039107 \$039108 \$039109		1.1 1.0 2.2 1.6 1.7	107 107 112 106 118	4.3 4.2 2.9 2.2 2.3	7.8 7.6 12.9 12.3 14.7	81 81 129 113 96	22.2 21.7 28.2 29.6 37.5					25.0 26.5 22.7 23.5 24.9	0.4 0.4 0.4 0.4 0.5	132 113 108 129 152
\$039110 \$039111 \$039112 \$039113 \$039114		1.7 1.5 2.2 1.7 1.6	107 117 106 116 119	4.3 3.1 2.2 2.6 3.4	8.9 12.8 15.9 14.1 14.1	480 101 118 87 107	38.6 31.0 36.7 33.7 32.3					27.8 22.7 23.0 24.6 26.1	0.3 0.3 0.4 0.4 0.4	77 138 127 161 145
\$039115 \$039116 \$039117 \$039118 \$039119		3.4 2.1 2.7 1.9 1.6	113 108 131 114 108	2.3 1.5 6.4 4.4 5.1	18.2 14.6 13.6 13.6 9.4	133 148 143 109 78	53.2 26.9 38.5 24.8 24.4					21.1 20.2 21.7 25.6	0.5 0.4 0.4 0.4	105 82 114 93
\$039120 \$039121 \$039122 \$039123 \$039124		0.1 1.5 1.4 1.3 1.5	1 112 101 87 106	<0.1 8.7 6.0 6.6 7.6	2.2 7.7 9.9 11.2 10.2	3 107 157 85 97	1.5 23.1 20.6 19.4 24.7					3.6 28.3 26.1 26.7 27.6	<0.1 0.5 0.3 0.3 0.3	<5 135 121 119 121
\$039125 \$039126 \$039126CD \$039127 \$039128		1.1 1.2 1.2 0.9 1.0	95 112 114 84 101	3.8 5.7 5.9 4.7 5.4	8.1 10.2 10.6 6.2 8.8	99 86 88 60 71	21.7 20.3 21.4 19.5 19.0					26.3 25.1 24.5 27.2 29.2	0.3 0.4 0.4 0.3 0.4	99 117 124 98 103
\$039129 \$039130 \$039131 \$039132 \$039133		1.4 2.2 1.2 1.1 1.2	120 125 115 93 87	6.3 4.4 8.0 5.6 5.2	10.1 9.5 8.2 6.9 6.8	76 1920 68 58 56	25.3 43.0 22.1 20.0 19.1					25.1 28.8 23.3 28.6 30.3	0.4 0.3 0.4 0.3 0.3	141 76 131 99 97
\$039134 \$039135 \$039136 \$039137 \$039138		1.3 1.1 1.1 1.1 1.3	116 99 87 99 110	5.6 4.9 4.2 4.9 5.2	11.7 8.6 7.6 10.8 12.0	96 67 54 69 96	23.0 18.5 16.2 16.4 23.9					24.5 27.6 29.6 27.4 25.2	0.4 0.3 0.3 0.3 0.4	130 117 114 112 113



To: PRETIVM
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Project: Bowser Regional Project

(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								CERTIFICATE OF ANALYSIS VA20198675								
Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 AI % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
\$039139 \$039140 \$039141 \$039142 \$039143		5.90 1.08 5.14 6.70 5.72	0.766 <0.005 0.377 0.283 0.194		2.89 0.02 1.96 1.96 1.66	6.97 0.09 7.20 7.55 7.60	143.5 0.3 55.5 56.7 54.3	790 20 1270 1650 1420	1.23 0.05 1.02 1.08 1.18	0.05 0.01 0.03 0.05 0.06	3.04 33.6 2.43 2.37 1.95	0.73 0.02 0.30 0.51 0.58	21.7 1.08 20.1 21.9 31.4	14.0 0.8 10.8 14.4 17.3	41 2 50 38 38	11.05 0.07 8.39 7.55 7.76
S039144 S039145 S039146 S039146CD S039147		6.76 5.36 6.76 <0.02 3.84	0.174 0.143 0.193 0.192 0.277		0.97 1.19 1.84 1.81 2.06	6.64 6.90 6.90 6.91 7.10	23.1 35.9 93.3 93.6 83.3	1840 1490 1140 1160 1120	1.00 1.04 1.10 1.18 1.64	0.05 0.06 0.07 0.07 0.06	2.25 2.94 4.41 4.51 7.59	0.41 0.37 0.71 0.74 0.99	18.75 21.8 29.0 28.4 28.9	9.1 11.0 14.6 14.0 14.9	35 35 37 38 32	3.74 4.41 6.24 6.13 8.22
\$039148 \$039149 \$039150 \$039151 \$039152		3.82 3.68 0.12 5.36 5.74	0.370 1.580 1.405 0.167 0.192		1.58 2.42 28.7 1.43 1.36	5.69 7.17 5.90 7.31 6.88	87.1 40.1 384 29.5 32.3	1470 1050 340 1310 2080	0.85 1.29 1.29 1.24 1.15	0.05 0.06 0.96 0.05 0.05	9.12 4.79 0.65 4.03 2.78	2.98 0.82 1.72 0.95 0.86	35.6 25.6 28.5 27.5 21.1	9.0 16.6 13.8 15.7 14.1	28 35 20 39 39	3.82 5.34 8.57 3.81 3.81
\$039153 \$039154 \$039155 \$039156 \$039157		7.14 5.90 5.56 6.42 4.90	0.183 0.166 0.166 0.313 0.203		0.94 0.82 0.94 1.08 1.22	7.79 7.57 7.76 7.31 7.80	19.6 10.2 11.2 22.1 12.4	2690 1890 1500 2560 1830	1.21 1.43 1.60 1.35 1.33	0.05 0.03 0.04 0.06 0.05	2.70 2.46 4.62 4.21 5.40	0.51 0.60 0.41 0.29 0.37	28.2 26.1 34.1 28.2 30.0	17.0 15.0 15.3 15.4 19.3	39 40 39 22 32	3.99 3.00 3.20 5.54 5.40
\$039158 \$039159 \$039160 \$039161 \$039162		5.82 6.04 0.86 6.04 6.34	0.224 0.206 <0.005 0.240 0.502		1.22 1.56 0.03 1.51 2.04	7.29 6.83 0.26 7.46 7.13	12.3 27.4 1.2 17.1 68.2	2650 1670 40 1740 1160	1.27 1.31 0.09 1.07 1.27	0.06 0.05 0.02 0.06 0.07	3.83 4.22 33.1 3.61 9.64	0.72 0.40 0.02 0.29 2.16	23.8 22.7 1.51 28.6 32.1	12.3 11.6 0.8 15.1 15.9	6 7 4 23 27	8.21 13.20 0.15 5.80 13.15
S039163 S039164 S039165 S039166 S039166CD		5.98 6.40 5.46 5.68 <0.02	0.179 0.207 0.178 0.165 0.162		1.25 1.38 1.05 0.82 0.78	7.29 7.26 7.70 7.87 7.72	35.3 35.3 19.5 16.4 15.2	1850 1440 1860 1810 1850	1.15 1.35 1.48 1.70 1.60	0.06 0.06 0.08 0.09 0.08	3.55 7.56 3.14 3.56 3.57	0.24 0.90 0.46 0.88 0.75	25.8 29.7 29.1 34.2 32.4	12.7 13.8 17.0 13.9 13.4	12 32 40 44 44	8.61 8.26 5.85 3.76 3.64
\$039167 \$039168 \$039169 \$039170 \$039171		5.68 6.36 6.70 0.16 5.08	0.131 0.151 0.168 2.54 0.049		0.68 0.73 0.73 >100 0.34	7.45 7.50 6.61 3.55 6.53	10.8 16.7 6.1 2350 6.6	1770 2110 1130 530 1240	1.43 1.43 0.95 0.72 0.82	0.07 0.07 0.05 18.80 0.06	4.51 4.55 6.01 1.26 9.28	0.73 0.77 1.72 60.4 1.92	30.1 27.1 29.5 19.55 27.3	12.3 13.7 10.4 20.6 7.5	40 44 38 37 23	2.79 2.72 1.38 1.13 1.20
\$039172 \$039173 \$039174 \$039175 \$039176		5.84 5.82 6.02 6.26 5.98	0.247 0.239 0.224 0.648 0.537		1.21 1.26 1.60 6.92 1.72	7.11 7.90 7.98 7.84 7.88	7.7 7.7 12.0 12.1 8.3	870 1800 1640 1790 1650	1.02 0.87 0.80 0.75 0.75	0.07 0.03 0.02 0.04 0.03	5.44 4.72 4.23 3.79 4.04	0.59 1.43 0.54 17.30 0.37	19.50 14.75 13.50 12.50 12.70	24.7 25.9 20.2 17.5 18.3	47 27 15 14 16	1.43 3.13 4.72 4.31 4.41



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Project: Bowser Regional Project

(ALS								CERTIFICATE OF ANALYSIS VA20198675								
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
\$039139		431	5.31	19.35	0.12	1.0	0.089	4.52	9.9	24.5	1.24	1160	75.6	0.92	5.5	20.5
\$039140		3.3	0.11	0.33	0.12	<0.1	<0.005	0.03	1.3	1.0	2.48	110	0.53	0.04	0.1	1.1
\$039141		346	3.04	17.60	0.13	0.9	0.036	4.67	9.1	18.0	0.99	911	38.2	1.62	5.2	13.2
\$039142		425	3.62	18.40	0.14	1.0	0.028	5.28	9.8	17.2	1.01	898	49.1	1.63	4.9	18.4
\$039143		433	4.83	20.3	0.14	1.0	0.035	4.23	13.8	21.5	1.36	885	62.9	1.93	6.0	21.7
S039144		356	3.15	16.10	0.11	0.7	0.035	3.56	9.2	16.9	1.06	893	36.3	2.44	3.6	10.8
S039145		343	3.21	16.70	0.15	0.8	0.041	4.46	10.1	18.2	1.07	1040	27.5	2.04	4.8	14.5
S039146		285	3.90	18.95	0.15	0.9	0.057	4.25	13.2	19.9	1.10	1360	34.2	1.78	5.8	21.0
S039146CD		289	3.88	18.45	0.14	0.9	0.054	4.27	13.0	19.6	1.09	1380	34.0	1.82	5.6	20.8
S039147		387	5.18	18.50	0.13	1.3	0.220	3.51	13.9	27.5	2.01	2380	38.2	1.12	5.3	18.9
\$039148		266	3.44	14.35	0.12	0.6	0.059	2.62	16.8	12.7	1.05	2150	49.6	1.76	3.7	13.0
\$039149		435	3.98	20.4	0.11	1.1	0.114	3.65	11.8	11.0	1.34	1570	35.3	2.53	5.8	22.6
\$039150		108.5	4.52	13.40	0.08	0.8	0.035	2.72	13.4	10.0	0.37	232	5.11	0.20	5.7	14.2
\$039151		297	4.25	20.4	0.12	1.0	0.079	3.34	12.1	13.5	1.03	1290	41.5	3.23	6.3	29.6
\$039152		435	3.74	17.95	0.11	0.9	0.034	3.49	9.3	9.5	1.00	1070	42.8	2.79	5.5	17.9
\$039153		393	4.41	21.0	0.14	1.0	0.031	3.45	12.9	15.8	1.22	1040	26.3	3.18	6.2	26.1
\$039154		372	4.15	20.3	0.15	1.0	0.024	3.54	11.4	22.5	1.30	1050	31.4	2.91	5.9	23.0
\$039155		394	4.19	20.5	0.16	1.1	0.026	3.32	15.6	20.4	1.29	1420	33.9	2.90	6.5	22.6
\$039156		384	4.29	19.65	0.14	1.1	0.032	4.42	13.0	19.2	1.11	1500	39.7	2.00	7.1	16.9
\$039157		474	4.15	18.25	0.14	1.2	0.075	3.97	14.5	18.9	1.25	1740	40.4	2.68	6.8	32.9
\$039158		478	4.24	17.95	0.15	1.0	0.047	4.48	10.9	17.2	0.96	1240	57.2	1.76	7.4	3.8
\$039159		388	4.21	17.60	0.12	0.9	0.041	4.20	10.6	19.4	0.96	1320	55.0	0.97	7.0	4.4
\$039160		4.2	0.16	0.93	0.11	0.1	<0.005	0.10	1.4	1.8	2.05	141	0.46	0.08	0.3	1.6
\$039161		525	4.34	17.05	0.14	1.0	0.046	3.97	13.7	19.4	1.22	1240	74.9	2.08	6.2	20.5
\$039162		334	4.01	17.20	0.11	1.4	0.039	4.02	16.3	20.6	1.25	3400	74.6	0.71	4.9	43.0
\$039163		308	4.17	18.40	0.08	1.1	0.032	4.03	11.0	20.5	1.18	1360	48.0	1.77	6.8	11.1
\$039164		289	4.12	17.10	0.08	1.4	0.034	3.98	14.7	23.2	1.36	3260	55.0	1.31	5.5	40.5
\$039165		334	4.20	20.2	0.10	1.7	0.037	4.52	12.6	24.6	1.52	982	46.9	1.76	6.2	45.7
\$039166		254	4.25	19.55	0.11	1.5	0.044	4.16	15.7	24.5	1.65	938	43.1	2.19	7.0	40.9
\$039166CD		254	4.15	19.10	0.12	1.5	0.037	4.15	15.1	23.3	1.63	929	42.3	2.18	6.7	39.5
\$039167		212	3.88	17.45	0.12	1.4	0.045	3.84	14.4	22.6	1.48	951	31.8	2.35	5.9	37.1
\$039168		237	4.31	17.55	0.09	1.3	0.064	4.03	13.2	23.0	1.93	1060	18.15	2.49	5.8	35.1
\$039169		194.5	4.07	14.30	0.09	1.4	0.108	2.69	16.0	20.5	1.91	1460	36.1	2.18	4.9	26.7
\$039170		>10000	9.66	8.08	<0.05	1.2	0.466	0.78	8.7	9.7	0.67	5200	54.2	1.09	2.0	29.5
\$039171		81.0	3.97	11.40	0.15	1.4	0.243	2.79	15.1	18.8	1.83	1940	28.2	1.86	5.1	12.8
\$039172 \$039173 \$039174 \$039175 \$039176		476 595 446 666 545	6.80 7.01 6.19 5.94 5.25	14.20 15.05 15.55 14.20 15.05	0.06 0.05 0.06 0.07 0.06	0.8 0.5 0.4 0.3	0.079 0.060 0.060 0.060 0.046	2.72 3.96 3.80 3.76 3.76	10.0 7.3 6.6 6.1 6.2	17.0 22.0 34.6 38.7 36.4	1.40 2.16 2.70 2.19 2.21	1160 1530 1640 1290 1420	39.9 48.7 37.0 66.9 51.4	2.14 2.36 2.01 1.92 2.14	5.2 5.4 5.7 5.5 5.5	17.3 13.7 9.7 7.8 8.1



To: PRETIVM
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Project: Bowser Regional Project

(ALS	,								C	ERTIFIC	CATE O	F ANAI	YSIS	VA201	98675	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
\$039139 \$039140 \$039141 \$039142 \$039143		1150 50 970 950 1380	17.1 0.7 10.7 13.9 10.8	141.5 0.8 144.0 128.0 128.5	0.867 0.004 0.254 0.355 0.877	3.21 0.02 1.21 1.72 2.19	8.94 0.12 4.52 7.31 14.45	11.3 0.2 11.4 12.1 13.8	3 1 2 4 4	2.2 <0.2 1.0 1.0	160.0 71.8 211 253 289	0.33 <0.05 0.33 0.30 0.37	<0.05 <0.05 <0.05 <0.05 <0.05	2.81 0.08 2.57 2.76 4.00	0.355 0.006 0.340 0.305 0.366	1.66 <0.02 1.37 1.59 1.39
S039144 S039145 S039146 S039146CD S039147		670 880 1100 1110	8.1 9.0 15.5 14.5	93.8 118.0 124.0 124.5 143.5	0.277 0.191 0.245 0.257 0.378	0.89 1.00 1.94 1.93 2.66	16.45 2.69 5.31 5.26 8.57	8.6 10.2 12.5 12.2 14.2	3 3 3 4 7	0.9 1.1 1.6 1.6 3.2	319 264 229 234 310	0.24 0.31 0.33 0.34 0.31	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05	2.00 2.87 3.37 3.30 3.72	0.209 0.278 0.337 0.340 0.322	1.00 1.25 1.27 1.31 1.23
\$039148		830	11.1	82.5	0.451	1.19	7.37	10.7	3	1.1	263	0.23	<0.05	2.58	0.244	0.75
\$039149		1540	8.2	101.5	0.299	1.43	13.75	13.1	5	2.1	340	0.35	<0.05	3.19	0.334	1.08
\$039150		1260	51.9	128.5	<0.002	4.15	37.5	14.6	6	1.9	134.0	0.30	0.27	2.64	0.300	2.48
\$039151		1480	7.1	87.4	0.383	1.25	15.05	15.2	4	1.6	337	0.37	<0.05	3.35	0.361	0.90
\$039152		1020	7.0	90.0	0.351	0.79	55.8	11.3	3	1.0	387	0.34	<0.05	2.63	0.312	0.93
\$039153		1310	9.6	93.5	0.246	1.27	26.6	14.5	4	1.2	448	0.36	<0.05	3.59	0.370	1.27
\$039154		1050	10.5	93.5	0.242	0.69	6.65	13.6	3	1.1	589	0.35	<0.05	3.13	0.355	0.98
\$039155		1050	9.0	97.2	0.228	0.83	2.35	16.2	2	1.0	679	0.39	<0.05	3.89	0.364	0.87
\$039156		1080	7.2	131.0	0.308	1.18	2.23	14.2	3	0.9	422	0.42	<0.05	3.49	0.318	1.28
\$039157		1560	6.9	113.5	0.284	1.36	2.15	15.1	4	1.5	451	0.40	<0.05	3.97	0.351	1.01
\$039158		1090	7.6	142.5	0.477	0.97	2.09	13.0	4	1.5	403	0.45	<0.05	3.01	0.374	1.24
\$039159		1040	8.7	134.5	0.382	1.49	4.26	12.1	3	1.6	219	0.42	<0.05	2.80	0.362	1.33
\$039160		100	0.9	3.3	0.003	0.02	0.15	1.3	1	0.2	76.7	<0.05	<0.05	0.11	0.044	0.04
\$039161		1160	5.7	119.0	0.457	1.31	2.32	13.6	3	1.4	316	0.35	<0.05	3.13	0.351	1.07
\$039162		980	83.9	171.0	0.312	2.44	3.30	13.3	5	1.1	277	0.30	0.06	3.56	0.277	1.50
S039163		1110	5.9	118.5	0.274	1.08	2.14	13.9	3	1.4	431	0.43	0.06	3.04	0.379	1.36
S039164		1140	90.3	143.0	0.260	2.14	2.22	14.3	4	1.1	377	0.34	<0.05	3.59	0.294	1.31
S039165		1490	10.4	122.0	0.179	2.01	2.01	15.7	4	1.1	527	0.41	<0.05	3.59	0.331	1.44
S039166		1190	9.1	116.0	0.216	2.08	2.37	16.6	5	1.3	610	0.44	<0.05	3.91	0.325	1.16
S039166CD		1200	9.3	107.5	0.234	2.06	2.29	16.2	5	1.3	607	0.41	<0.05	3.78	0.322	1.19
\$039167		1160	8.4	97.6	0.171	1.91	2.65	16.2	4	1.1	632	0.36	0.05	3.50	0.316	0.97
\$039168		1360	8.0	94.7	0.140	1.70	3.45	17.4	4	1.4	646	0.35	<0.05	2.86	0.330	0.95
\$039169		1220	6.8	63.1	0.351	1.19	2.30	15.5	3	1.8	500	0.31	<0.05	3.12	0.269	0.56
\$039170		320	>10000	25.5	0.031	3.75	1865	7.2	4	2.6	134.0	0.14	0.55	2.51	0.149	0.84
\$039171		1130	6.1	63.8	0.182	0.28	1.16	13.2	2	1.9	325	0.31	<0.05	2.60	0.221	0.58
\$039172		1560	11.0	61.0	0.277	3.35	3.84	29.1	6	1.5	923	0.28	<0.05	1.34	0.351	0.62
\$039173		1850	10.7	108.5	0.408	1.23	1.91	32.4	4	1.8	566	0.29	<0.05	1.12	0.372	0.89
\$039174		1750	8.2	116.0	0.318	0.86	1.78	27.9	3	1.8	464	0.28	<0.05	0.92	0.364	0.99
\$039175		1790	586	106.5	0.556	0.90	2.20	22.9	4	1.7	478	0.28	<0.05	1.01	0.332	0.89
\$039176		1740	11.8	105.0	0.437	0.64	1.78	26.1	3	1.8	429	0.27	<0.05	0.95	0.338	0.93



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Project: Bowser Regional Project

(							CERTIFICATE OF ANALYSIS VA20198675				VA20198675			
Sample Description	Method Analyte Units LOD	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
S039139		2.0	118	7.2	12.6	116	29.7					23.8	0.4	162
S039140		0.1	2	0.1	2.3	4	1.5					3.1	<0.1	7
S039141		1.6	116	6.5	10.2	73	25.1					26.5	0.4	148
S039142		2.2	110	5.8	11.6	88	31.2					25.4	0.4	108
S039143		1.7	134	4.5	15.6	111	27.1					23.9	0.4	106
S039144		1.1	77	2.2	8.0	77	19.5					27.2	0.3	92
S039145		1.4	97	4.2	9.9	84	20.5					26.3	0.4	111
S039146		1.9	118	7.8	13.5	116	25.5					23.8	0.4	105
S039146CD		1.8	118	7.7	13.3	117	25.8					23.2	0.4	107
S039147		3.0	119	6.8	16.0	265	41.6					19.1	0.4	112
S039148		1.3	86	5.5	21.1	213	24.7					21.4	0.3	84
S039149		2.2	130	5.0	11.5	102	30.8					22.1	0.4	119
S039150		1.0	140	2.3	8.8	197	30.1					31.5	0.4	75
S039151		2.0	144	4.0	13.6	104	32.7					22.3	0.4	112
S039152		1.5	111	7.0	10.3	89	25.1					24.7	0.4	114
S039153		1.7	134	5.3	14.6	105	33.6					23.3	0.5	110
S039154		1.6	126	1.8	14.8	111	31.0					25.3	0.5	138
S039155		1.8	130	2.7	19.0	109	35.3					20.7	0.4	128
S039156		1.9	119	3.1	17.2	95	32.1					22.8	0.4	106
S039157		1.6	129	5.1	16.7	109	32.6					20.9	0.4	99
S039158		1.8	112	3.6	16.4	122	26.9					24.7	0.4	108
S039159		1.8	111	5.8	15.6	109	25.5					23.2	0.4	86
S039160		0.2	11	0.1	2.8	4	4.2					4.1	0.1	12
S039161		2.0	135	5.0	13.6	110	29.5					25.4	0.4	98
S039162		4.7	226	2.8	21.9	214	42.9					19.4	0.3	76
S039163		2.1	140	4.7	13.8	95	30.4					23.8	0.4	101
S039164		4.0	269	2.6	17.2	134	42.5					18.2	0.4	80
S039165		4.5	286	1.5	18.3	107	52.4					22.2	0.4	102
S039166		4.0	258	1.2	24.0	114	45.9					24.7	0.4	117
S039166CD		3.8	257	1.2	23.1	113	45.5					23.8	0.4	111
S039167		3.2	190	1.1	21.6	106	40.8					22.6	0.4	107
S039168		2.6	191	8.0	20.6	129	35.8					22.6	0.4	93
S039169		3.1	130	0.7	21.6	202	56.2					21.6	0.3	86
S039170		2.8	52	1.1	8.8	>10000	31.4	425	1.860	4.31	1.120	25.5	0.2	55
S039171		6.4	110	0.7	24.9	370	46.5					20.0	0.3	68
S039172		1.3	232	0.8	17.0	141	22.2					21.5	0.4	65
S039173		8.0	253	1.3	16.7	190	11.5					20.6	0.4	57
S039174		0.5	229	1.5	16.3	191	8.5					20.6	0.4	51
S039175		0.5	198	2.7	13.7	2000	8.8					22.7	0.4	52
S039176		0.5	219	2.8	14.8	175	8.6					20.8	0.4	48



S039200

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Project: Bowser Regional Project

(ALS									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	98675	
Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 AI % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
\$039177 \$039178 \$039179 \$039180 \$039181		5.70 5.82 6.78 1.04 6.54	0.335 0.309 0.203 <0.005 0.304		1.24 1.24 1.11 0.05 1.53	7.29 7.72 7.65 0.10 7.72	7.8 17.7 12.9 0.2 11.4	1570 1750 1970 30 2030	0.73 0.75 0.89 0.06 0.72	0.03 0.04 0.04 <0.01 0.04	7.23 4.29 4.67 34.0 3.75	1.06 1.35 0.61 0.02 0.73	14.15 14.05 12.70 1.11 12.50	16.5 22.2 19.8 0.6 22.9	14 21 24 2 2	3.05 2.86 3.48 0.05 2.67
\$039182 \$039183 \$039184 \$039185 \$039186		7.10 6.58 6.88 6.08 6.20	0.368 0.474 0.241 0.275 0.347		1.90 2.11 2.29 2.63 1.98	6.60 7.58 7.67 7.33 7.47	22.6 12.9 9.5 8.8 9.1	910 730 2220 2010 2220	0.79 0.84 0.77 0.64 0.67	0.04 0.05 0.05 0.05 0.05	5.98 4.32 3.72 4.16 4.31	2.05 1.52 0.88 0.78 1.19	13.10 14.05 13.70 13.35 11.70	27.1 30.9 24.5 24.0 22.5	17 27 25 22 17	2.12 2.65 2.86 2.09 2.56
\$039186CD \$039187 \$039188 \$039189 \$039190		<0.02 5.68 5.74 5.58 0.16	0.333 0.274 0.386 0.617 5.83		2.02 2.44 3.67 3.36 87.1	7.72 7.28 7.01 6.96 6.31	9.1 20.4 64.4 96.9 314	2200 1800 2000 1500 500	0.72 0.77 0.73 1.07	0.04 0.03 0.06 0.04 1.19	4.30 4.27 6.10 6.12 2.02	1.16 0.52 13.50 0.78 24.0	12.80 10.50 12.80 10.90 26.3	22.7 22.2 24.2 27.9 11.4	17 17 72 91 23	2.67 4.72 4.91 7.82 8.10
\$039191 \$039192 \$039193 \$039194 \$039195		2.84 2.10 4.62 5.62 2.18	0.466 1.825 0.778 0.287 0.534		3.05 3.88 4.30 2.29 4.08	7.32 7.39 3.27 5.28 7.48	146.5 105.0 48.0 68.8 106.5	920 1210 640 800 1050	1.18 1.24 0.57 0.63 1.01	0.04 0.03 0.02 0.04 0.09	5.79 4.91 15.85 12.60 7.27	0.29 0.27 10.65 0.46 0.20	10.40 11.30 35.7 24.2 14.60	29.5 24.7 10.7 17.4 27.9	110 107 44 25 30	10.80 8.73 3.96 3.97 14.10
\$039196 \$039197 \$039198 \$039199		6.38 6.12 5.44 5.86	1.030 0.416 0.292 0.560		4.20 2.35 1.47 1.77	6.59 7.22 6.88 7.06	87.8 42.0 45.3 16.7	820 1780 1590 1750	0.60 0.75 0.73 0.76	0.09 0.06 0.04 0.04	5.42 7.17 8.93 6.28	0.29 0.36 0.21 0.58	10.60 17.05 20.5 12.95	30.5 19.9 20.1 19.3	28 34 19 31	7.07 4.73 4.05 3.48

Comments: Due to sample matrix, sample SO39115 cannot be analyzed by pXRF-34 method.

< 0.005

0.03

0.10

1.8

30

0.06

0.54

32.6

0.04

0.96

0.96



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**CERTIFICATE OF ANALYSIS VA20198675** 

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Project: Bowser Regional Project

											<i>5,</i> 11 <b>–</b> 0	. / (14/ (1		****	30073	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61									
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
\$039177		505	4.87	13.45	0.05	0.4	0.061	3.92	7.2	23.0	1.49	1810	47.7	2.12	5.0	8.3
\$039178		523	6.45	15.45	0.07	0.4	0.066	4.22	6.8	21.4	1.74	1360	39.8	2.38	5.7	12.3
\$039179		382	5.37	16.95	0.08	0.4	0.059	4.14	5.8	25.9	1.87	1360	14.10	2.13	6.1	11.3
\$039180		6.1	0.14	0.30	<0.05	<0.1	<0.005	0.04	1.2	1.2	2.17	140	0.56	0.03	0.1	0.3
\$039181		490	6.04	16.15	0.06	0.5	0.060	4.33	5.8	18.3	1.89	1370	25.4	2.43	5.8	12.0
\$039182		617	10.35	14.70	0.05	0.4	0.110	1.99	6.9	26.8	2.86	2180	41.3	1.70	4.5	16.1
\$039183		619	8.34	15.50	0.06	0.5	0.063	4.52	6.8	15.2	1.76	1540	46.4	2.13	5.3	18.5
\$039184		476	7.76	15.75	0.07	0.5	0.056	4.96	6.7	17.7	1.32	1280	42.0	2.32	5.7	12.7
\$039185		543	6.96	15.10	0.06	0.4	0.054	4.46	6.4	16.5	1.30	1350	37.3	2.51	5.3	13.2
\$039186		576	6.72	14.70	0.05	0.4	0.058	5.04	5.6	16.8	1.31	1360	36.3	2.27	5.1	10.5
\$039186CD		552	6.72	14.95	0.07	0.4	0.067	4.97	6.3	17.5	1.36	1360	40.4	2.24	5.2	10.3
\$039187		365	6.96	15.75	0.06	0.4	0.091	5.50	4.8	25.2	1.83	1540	27.8	1.37	5.2	11.3
\$039188		527	5.53	14.25	0.06	0.5	0.127	3.92	6.4	27.6	1.94	1820	50.0	1.08	4.0	22.5
\$039189		670	6.35	15.00	0.07	0.4	0.112	3.58	5.3	33.1	2.13	1840	36.6	0.72	3.9	28.5
\$039190		118.5	4.95	14.20	0.06	1.3	1.425	3.82	12.8	13.1	0.48	1240	10.30	0.24	5.7	15.8
\$039191		457	6.20	16.35	<0.05	0.5	0.139	3.28	4.8	36.8	2.18	1680	38.9	0.64	4.0	31.1
\$039192		450	6.53	16.50	<0.05	0.4	0.126	3.28	5.4	47.7	2.78	1780	34.4	0.43	4.1	27.4
\$039193		282	3.10	7.82	<0.05	0.2	0.067	1.48	19.3	20.2	1.09	2820	23.8	0.15	1.7	10.8
\$039194		423	4.44	10.85	<0.05	1.0	0.090	2.03	12.3	20.7	1.36	3100	16.25	1.37	3.4	10.2
\$039195		1170	5.72	16.00	<0.05	0.4	0.143	3.80	7.2	29.5	1.95	2160	45.3	0.72	3.8	15.9
\$039196		1495	6.90	13.55	<0.05	0.3	0.149	3.54	5.3	27.5	1.97	1780	52.3	0.89	3.0	18.0
\$039197		697	5.37	14.95	0.11	0.5	0.137	3.67	8.1	23.4	1.67	2000	25.6	1.82	4.2	17.7
\$039198		403	6.01	14.90	0.13	1.4	0.092	3.23	9.2	25.6	1.95	2670	15.80	1.62	4.9	12.3
\$039199		834	5.95	14.25	0.10	0.6	0.140	3.47	6.6	23.8	2.02	2020	34.3	1.88	4.3	15.8
\$039200		8.5	0.14	0.37	0.08	<0.1	0.006	0.03	1.1	1.4	2.60	129	0.35	0.04	0.2	1.1



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Project: Bowser Regional Project

(ALS)									С	ERTIFIC	CATE O	F ANAI	_YSIS	VA201	98675	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
\$039177		1590	11.5	104.0	0.369	0.64	1.84	25.9	2	1.8	450	0.25	<0.05	0.86	0.311	0.90
\$039178		1880	15.1	108.5	0.356	1.19	1.87	28.7	4	2.0	497	0.28	<0.05	0.99	0.350	0.97
\$039179		1990	11.5	105.0	0.119	1.51	2.29	30.9	4	1.4	547	0.30	<0.05	0.88	0.383	1.10
\$039180		80	3.7	1.1	0.002	0.01	0.19	0.4	1	<0.2	81.1	<0.05	<0.05	0.06	0.007	<0.02
\$039181		2060	13.1	101.0	0.226	2.22	2.43	30.3	6	1.3	591	0.31	<0.05	0.93	0.389	1.08
\$039182 \$039183 \$039184 \$039185 \$039186		1550 2020 2020 2020 2000 1830	9.9 14.6 13.6 12.2 11.8	64.0 115.0 118.0 103.0 111.0	0.342 0.572 0.373 0.314 0.289	2.33 3.04 1.31 1.57 1.14	3.81 3.32 2.13 2.05 1.98	24.3 31.9 30.0 29.4 29.7	5 6 5 4 4	2.0 1.7 2.2 1.7 1.7	576 667 525 451 481	0.23 0.27 0.29 0.27 0.25	<0.05 <0.05 <0.05 <0.05 <0.05	0.92 1.02 1.00 0.97 0.83	0.293 0.389 0.365 0.359 0.355	0.52 1.12 1.13 0.96 1.14
\$039186CD		1850	11.4	124.5	0.305	1.13	1.98	30.7	3	1.7	481	0.24	<0.05	0.87	0.355	1.13
\$039187		1890	30.2	93.9	0.269	2.00	3.35	30.2	3	2.5	384	0.26	<0.05	0.70	0.373	1.37
\$039188		1580	693	129.0	0.549	1.51	3.84	38.7	4	2.5	247	0.23	<0.05	0.89	0.355	1.11
\$039189		1600	12.2	123.5	0.344	1.98	5.84	43.2	4	2.3	217	0.22	<0.05	0.76	0.366	1.11
\$039190		970	8880	151.5	0.005	3.10	77.6	12.2	3	4.4	148.0	0.36	0.29	3.78	0.258	3.36
\$039191		1680	12.9	139.0	0.344	2.22	10.95	46.2	3	2.5	162.0	0.22	<0.05	0.88	0.359	1.32
\$039192		1640	19.1	141.5	0.347	1.70	7.19	45.8	3	2.3	154.5	0.22	<0.05	0.85	0.357	1.21
\$039193		680	2550	67.7	0.178	0.93	5.07	18.4	6	1.0	225	0.10	<0.05	0.35	0.150	0.53
\$039194		1190	30.5	72.8	0.082	1.47	3.52	20.4	1	2.0	244	0.19	0.05	0.78	0.313	0.65
\$039195		1490	8.6	150.0	0.254	2.59	6.85	32.5	3	2.5	179.0	0.20	0.05	0.96	0.346	1.30
\$039196		1330	13.7	104.5	0.350	2.38	5.40	27.4	3	2.0	186.0	0.17	<0.05	0.78	0.308	0.98
\$039197		1520	7.7	110.5	0.165	0.79	2.42	33.1	2	3.1	333	0.19	<0.05	0.87	0.354	0.96
\$039198		1590	8.3	95.2	0.106	0.66	2.17	27.8	1	2.1	258	0.23	<0.05	0.83	0.449	0.83
\$039199		1250	7.3	92.8	0.213	0.46	2.21	25.2	2	2.3	337	0.22	<0.05	1.01	0.354	0.81
\$039200		70	1.3	1.2	<0.002	0.01	0.41	0.4	1	<0.2	79.0	<0.05	0.40	0.11	0.008	0.02



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Project: Bowser Regional Project

(ALS)									CERTIFICATE OF ANALYSIS VA20198675					
Sample Description	Method Analyte Units LOD	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
S039177 S039178 S039179 S039180 S039181		0.4 0.5 0.5 0.1 0.5	196 239 260 3 260	3.0 1.7 1.3 0.1 1.1	18.1 16.2 15.6 2.3 15.3	165 199 161 5 144	9.2 9.5 8.7 1.3 9.4					18.0 21.6 20.7 3.2 21.3	0.3 0.4 0.5 <0.1 0.4	47 53 57 <5 54
5039182 5039183 5039184 5039185 5039186		0.5 0.6 0.6 0.5 0.4	206 255 246 242 242	1.7 1.6 1.9 1.8 1.8	16.6 16.9 16.6 15.5 14.5	271 185 165 154 162	11.2 10.9 10.1 9.5 8.4					18.7 21.8 21.2 21.2 19.9	0.3 0.4 0.4 0.4 0.4	42 64 55 52 53
5039186CD 5039187 5039188 5039189 5039190		0.4 0.4 0.5 0.5 2.1	244 260 251 278 126	1.7 4.9 4.5 5.5 4.4	15.3 13.2 13.2 13.7 9.2	161 198 1450 208 1930	8.5 8.2 15.7 8.7 43.5					20.6 20.4 18.8 19.1 28.1	0.4 0.5 0.4 0.4	46 46 41 43 72
5039191 5039192 5039193 5039194 5039195		0.6 0.5 0.2 0.4 0.5	300 283 122 147 233	8.3 4.7 2.3 3.7 4.4	13.9 13.1 33.2 25.2 15.7	203 233 730 121 91	12.3 9.9 4.7 15.9 10.2					19.9 20.6 16.1 17.4 19.2	0.4 0.3 0.2 0.4 0.4	42 37 22 42 44
S039196 S039197 S039198 S039199 S039200		0.4 0.5 0.4 0.5 0.5	203 220 214 195 3	3.9 2.6 3.5 1.8 0.1	11.7 18.1 26.1 16.7 2.3	111 96 91 117 8	7.3 11.4 28.4 13.1 2.3					19.7 19.2 16.7 20.1 4.1	0.4 0.4 0.5 0.4 <0.1	37 45 61 61 7



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CERTIFICATE OF ANALYSIS	VA20198675
CINIFICATI OF ANALISIS	VAZUIJOU/J

		CERTIFICATE COM	MMENTS	
		ANAL	/TICAL COMMENTS	
Applies to Method:	REEs may not be totally s ME-MS61			
		LABOR	ATORY ADDRESSES	
Applies to Method:	Processed at ALS Vancou Ag-OG62 CRU-31 LOG-21d Pb-OG62 pXRF-34 Zn-OG62	ver located at 2103 Dollarton Hwy, No Au-AA23 CRU-QC LOG-23 PUL-32m SPL-21	orth Vancouver, BC, Canada. Au-GRA21 Cu-OG62 ME-MS61 PUL-32md SPL-21d	BAG-01 LOG-21 ME-OG62 PUL-QC WEI-21



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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27-JAN-2021 Account: PREBOW

## VA20198676

Project: Bowser Regional Project

P.O. No.: BOW-1104

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 8-SEP-2020.

The following have access to data associated with this certificate:

LEANNE HAWKINS COREY JAMES JULIANNE MADSEN KEN MCNAUGHTON STEPHAINE WAFFORN			SUSAN FLASHA JULIANNE MADSEN
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SAMPLE PREPARATION								
ALS CODE	DESCRIPTION							
WEI-21	Received Sample Weight							
PUL-32md	Pulverize 500g-DUP -85%<75um							
LOG-21	Sample logging - ClientBarCode							
CRU-31	Fine crushing - 70% <2mm							
CRU-QC	Crushing QC Test							
PUL-QC	Pulverizing QC Test							
SPL-21	Split sample - riffle splitter							
PUL-32m	Pulverize 500g - 85%<75um							
BAG-01	Bulk Master for Storage							
LOG-23	Pulp Login - Rcvd with Barcode							
LOG-21d	Sample logging - ClientBarCode Dup							
SPL-21d	Split sample - duplicate							

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	98676	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029851		6.64	0.011	0.35	7.54	5.4	1430	0.69	0.05	3.04	4.18	13.65	18.1	18	1.99	105.5
\$029852		6.72	0.005	0.39	7.92	14.4	1530	0.85	0.08	4.34	0.51	16.80	21.0	31	4.07	93.3
\$029853		6.88	0.005	0.59	7.77	6.9	1110	0.81	0.12	4.49	1.25	15.05	23.8	38	2.32	84.5
\$029854		5.16	0.005	0.64	7.76	6.1	530	1.12	0.12	3.95	0.51	13.50	21.0	24	4.78	123.5
\$029855		3.98	0.005	0.71	7.56	5.2	830	0.62	0.08	3.18	0.28	13.60	17.7	15	1.85	107.5
S029856		1.52	<0.005	0.60	7.77	6.0	1160	0.60	0.07	6.25	0.43	19.50	17.5	17	3.00	65.4
S029857		6.04	<0.005	0.88	8.18	6.2	1320	0.71	0.10	3.56	0.58	14.35	19.2	20	2.64	94.3
S029858		5.16	0.008	0.66	7.50	5.6	690	0.87	0.12	2.96	0.20	10.40	21.6	17	2.90	92.2
S029859		6.00	0.007	0.80	7.42	5.8	840	0.77	0.11	3.54	0.28	12.45	18.7	18	2.56	110.0
S029860		0.84	<0.005	0.02	0.18	2.9	40	0.11	0.02	30.3	0.03	1.14	2.2	2	0.07	13.3
\$029861		4.64	0.007	0.90	7.69	5.5	940	0.60	0.07	3.54	0.21	13.20	18.7	18	2.72	129.5
\$029862		6.30	0.008	1.07	7.78	6.0	720	0.65	0.06	3.86	0.52	12.40	18.7	17	3.00	165.5
\$029863		6.76	0.009	0.93	7.25	6.1	1170	0.61	0.07	7.54	0.42	12.75	18.4	16	3.50	118.5
\$029864		5.64	0.012	0.84	8.46	7.3	570	0.78	0.07	4.19	0.24	15.00	19.7	14	4.49	104.5
\$029865		6.48	0.046	0.84	7.86	6.6	350	0.70	0.09	3.69	0.21	14.65	21.4	18	3.14	120.0
\$029866		5.94	0.014	0.71	7.85	6.2	620	0.70	0.08	4.20	0.34	14.10	21.8	19	2.85	104.5
\$029866CD		<0.02	0.018	0.69	7.76	6.4	660	0.64	0.09	3.95	0.33	14.10	21.2	19	2.82	105.0
\$029867		6.58	0.045	0.78	7.67	6.1	300	0.66	0.12	4.16	0.35	13.80	21.5	27	2.61	104.5
\$029868		6.26	0.017	0.83	7.68	5.2	540	0.60	0.09	4.55	0.34	12.45	20.5	25	2.07	123.5
\$029869		6.76	0.016	1.10	7.83	9.9	1290	0.92	0.08	4.11	0.49	11.80	16.2	20	4.11	56.2
\$029870		0.16	6.26	79.5	6.25	286	960	1.03	1.21	1.99	23.1	26.9	11.1	22	8.03	114.0
\$029871		6.90	0.008	1.02	7.83	11.6	330	0.83	0.16	5.30	10.60	14.80	22.0	15	6.87	113.0
\$029872		6.80	0.162	3.15	6.77	87.1	630	0.96	0.15	7.98	0.51	11.05	14.8	9	10.20	103.5
\$029873		6.36	0.012	0.69	7.42	19.9	300	0.88	0.16	5.42	1.95	8.63	18.5	18	9.87	116.0
\$029874		6.70	0.007	0.63	7.71	12.4	430	0.71	0.10	4.97	4.80	9.93	18.4	17	6.62	110.5
\$029875		6.74	0.005	0.63	7.55	12.6	1040	0.58	0.09	5.17	0.41	12.10	18.8	19	3.98	121.0
\$029876		5.00	0.006	0.66	7.85	18.4	640	0.56	0.09	4.42	0.14	11.70	19.6	21	3.13	87.9
\$029877		6.12	<0.005	0.64	6.98	12.4	500	0.63	0.09	4.43	7.25	10.30	17.3	23	3.58	97.6
\$029878		3.44	0.009	0.62	6.92	16.6	350	0.81	0.10	5.82	30.3	12.10	15.3	18	4.30	92.8
\$029879		2.04	0.014	0.75	6.42	20.4	1110	0.66	0.08	6.72	33.1	11.50	17.0	18	3.85	107.5
\$029880		1.04	<0.005	0.01	0.12	<0.2	40	0.06	0.07	32.3	0.17	1.12	0.6	2	0.11	2.5
\$029881		6.04	0.005	0.57	7.28	7.6	960	0.63	0.08	4.28	4.29	12.90	18.4	25	3.20	113.5
\$029882		4.30	<0.005	0.53	7.49	10.4	1500	0.62	0.08	4.59	0.51	14.65	19.4	27	3.40	81.0
\$029883		5.78	0.043	0.52	6.88	9.5	1550	0.66	0.07	7.26	0.77	12.65	16.7	18	3.28	87.1
\$029884		6.26	0.016	0.52	7.23	6.6	1660	0.76	0.06	4.33	0.51	12.15	18.6	13	4.55	94.3
\$029885		5.16	0.032	0.60	6.79	25.7	1360	0.72	0.05	5.03	0.22	12.85	17.6	23	4.69	97.8
\$029886		1.48	0.819	1.12	5.47	989	700	0.67	0.04	8.23	9.91	14.85	16.1	16	6.89	87.8
\$029886CD		<0.02	0.617	0.98	5.50	842	630	0.73	0.04	8.20	7.84	15.10	15.1	17	7.32	80.6
\$029887		7.52	0.036	0.88	6.96	79.0	1350	0.47	0.03	7.61	0.64	14.10	15.2	24	5.08	106.5
\$029888		5.60	0.105	0.78	7.23	63.9	1330	0.79	0.03	4.99	6.03	11.75	18.0	15	6.81	107.0



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(ALS)	,								С	ERTIFIC	CATE O	F ANAL	YSIS	VA201	98676	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029851		5.86	16.00	0.10	0.6	0.103	2.09	5.5	35.7	2.38	2200	0.54	2.97	5.1	12.8	1650
\$029852		5.52	15.80	0.11	0.5	0.136	3.16	7.8	22.6	2.28	1980	0.66	2.82	5.1	20.3	1810
\$029853		6.36	15.95	0.10	0.5	0.138	2.89	7.0	31.3	2.26	2030	0.73	2.86	4.9	26.7	1500
\$029854		6.94	17.60	0.09	0.6	0.117	3.89	6.2	34.1	2.19	2140	0.60	1.83	5.1	14.6	1730
\$029855		5.51	15.25	0.09	0.7	0.092	3.65	6.5	30.7	1.99	1800	0.58	2.42	5.2	10.3	1680
\$029856		5.37	15.70	0.10	0.6	0.124	3.61	9.9	28.0	2.02	2550	0.60	2.15	5.4	10.8	1700
\$029857		5.63	16.65	0.09	0.7	0.106	3.86	6.8	32.8	2.20	1980	0.55	2.63	5.9	10.8	1820
\$029858		6.12	16.55	0.10	0.6	0.101	3.93	4.5	35.8	2.30	2100	0.77	2.18	5.2	11.3	1730
\$029859		5.34	15.05	0.08	0.6	0.108	3.73	6.0	34.1	2.22	1990	1.23	2.19	5.0	10.9	1600
\$029860		0.26	0.48	0.07	0.1	0.006	0.06	1.2	1.4	3.58	155	0.09	0.07	0.2	0.7	90
\$029861		5.42	15.25	0.09	0.7	0.114	4.67	6.0	33.1	2.23	2040	0.85	1.91	5.3	11.5	1790
\$029862		5.15	14.00	0.08	0.7	0.118	4.96	6.2	30.0	2.10	1770	1.99	1.74	5.1	11.0	1680
\$029863		4.79	13.25	0.08	0.6	0.131	5.07	6.7	27.4	2.30	1510	1.50	1.30	4.8	10.5	1650
\$029864		5.78	17.00	0.09	0.6	0.140	5.15	7.1	34.7	2.23	1880	1.89	1.90	5.9	10.6	2030
\$029865		5.67	14.90	0.10	0.6	0.116	5.01	6.8	36.2	2.11	1640	0.40	1.88	5.5	11.0	1660
\$029866		5.56	15.85	0.09	0.6	0.109	4.45	6.6	35.0	2.22	1710	0.28	2.30	5.5	12.5	1820
\$029866CD		5.44	15.45	0.09	0.6	0.114	4.34	6.7	34.7	2.18	1680	0.36	2.24	5.5	12.1	1760
\$029867		5.69	14.65	0.08	0.7	0.095	4.04	6.5	29.7	1.88	1440	0.45	2.52	5.5	13.0	1760
\$029868		5.73	14.40	0.07	0.6	0.109	3.32	6.0	31.4	1.93	1440	0.48	2.93	5.4	12.9	1680
\$029869		5.12	14.75	0.09	0.5	0.117	3.31	5.9	27.3	2.11	1510	0.53	2.59	5.5	10.3	1510
\$029870		4.75	13.30	0.09	1.3	1.400	3.77	13.9	13.2	0.48	1200	9.76	0.23	5.6	15.3	960
\$029871		6.37	16.20	0.09	0.6	0.197	3.87	6.8	25.1	1.86	1510	0.53	1.48	6.3	10.6	2050
\$029872		4.50	14.50	0.07	0.6	0.083	3.48	5.6	18.5	1.20	1600	0.61	0.13	4.9	7.2	1710
\$029873		6.64	15.95	0.09	0.6	0.061	4.44	4.1	30.2	1.87	1540	1.01	0.38	5.6	10.8	2000
\$029874		5.76	16.30	0.09	0.6	0.079	4.21	4.5	35.3	2.14	1580	0.76	1.36	5.7	10.2	2010
\$029875		5.31	15.05	0.06	0.7	0.074	3.31	6.1	33.5	2.02	1560	0.55	2.19	5.6	10.8	2250
\$029876		5.46	14.60	0.08	0.6	0.076	3.68	5.4	29.4	1.74	1390	0.60	2.97	5.7	10.4	2030
\$029877		5.34	14.50	0.11	0.8	0.068	4.56	4.9	27.9	1.51	1350	0.85	2.20	5.8	14.5	2290
\$029878		5.93	14.00	0.12	0.7	0.080	4.32	5.9	34.6	1.80	1660	0.91	1.40	5.2	11.5	1950
\$029879		6.36	13.55	0.13	0.6	0.101	3.86	6.1	36.6	2.05	1900	1.03	0.98	4.4	11.1	1610
\$029880		0.15	0.34	0.10	0.1	<0.005	0.05	1.3	1.4	3.08	150	0.08	0.05	0.2	0.8	100
\$029881		5.29	15.30	0.12	0.6	0.061	3.84	6.5	31.9	1.91	1500	0.67	2.28	5.7	12.9	2140
\$029882		5.16	15.35	0.13	0.6	0.068	4.16	7.5	33.3	1.89	1480	0.67	2.21	5.7	12.9	2010
\$029883		4.94	14.10	0.10	0.6	0.065	3.42	6.9	31.1	2.00	1450	0.68	1.81	5.1	10.9	1780
\$029884		5.22	15.70	0.10	0.5	0.067	4.04	6.1	32.7	1.86	1580	0.82	2.02	5.6	8.5	1970
S029885		5.39	14.60	0.11	0.5	0.067	4.08	6.4	31.4	1.66	1660	0.72	1.43	5.6	9.9	2030
S029886		5.09	11.80	0.10	0.7	0.070	2.83	7.8	24.6	1.37	1940	1.13	0.28	3.8	7.8	1380
S029886CD		4.96	12.20	0.09	1.5	0.071	2.77	7.8	25.8	1.45	1970	1.08	0.19	3.9	7.4	1420
S029887		4.78	13.25	0.09	0.7	0.102	3.55	7.5	33.0	1.90	2130	1.23	1.22	5.0	9.7	1730
S029888		5.25	16.20	0.11	0.5	0.111	4.53	5.5	34.9	1.84	1600	1.02	1.07	5.6	9.2	1860



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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	98676	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$029851 \$029852 \$029853 \$029854 \$029855 \$029856		24.5 35.1 50.2 45.9 45.9 27.8	45.5 80.9 70.4 94.0 80.7	<0.002 0.003 <0.002 0.002 0.002	2.17 2.60 3.39 3.06 2.46	3.93 11.85 3.73 5.66 2.77	26.8 28.9 27.2 31.3 25.3	5 5 6 8 5	1.0 0.9 0.9 0.9 0.8	323 588 437 373 316	0.27 0.26 0.24 0.26 0.27	<0.05 0.06 <0.05 0.05 <0.05 <0.05	1.03 1.05 0.89 0.96 1.05	0.419 0.406 0.385 0.391 0.332	1.20 1.77 1.76 2.39 2.13	0.5 0.6 0.5 0.5 0.7
S029857		52.1	89.2	0.002	2.36	2.65	27.8	4	1.0	395	0.30	0.07	1.25	0.365	2.38	0.7
S029858		48.8	76.3	0.003	2.80	2.68	26.8	4	1.0	394	0.26	0.05	0.77	0.380	2.47	0.6
S029859		49.9	85.6	0.004	2.60	2.49	26.2	4	0.8	393	0.27	0.07	0.99	0.346	2.32	0.7
S029860		1.4	1.4	<0.002	0.06	0.12	0.5	1	<0.2	68.1	<0.05	<0.05	0.09	0.010	0.04	0.2
S029861 S029862 S029863 S029864 S029865		61.9 68.7 62.2 59.1	113.0 113.5 119.0 110.5	0.009 0.006 0.006 <0.002	2.45 2.61 2.96 3.03	2.37 2.20 2.20 3.32 2.77	23.3 22.2 28.4 28.4	6 7 8 11	0.8 0.8 1.0 0.9	403 362 431 389	0.27 0.25 0.31 0.27	0.07 0.06 0.06 <0.05	1.11 1.11 1.16 1.14	0.316 0.300 0.396 0.365	3.04 3.11 3.28 3.06	0.8 0.8 0.7 0.6
S029866		48.1	93.5	<0.002	2.69	2.26	26.9	9	0.8	410	0.29	0.07	1.07	0.367	2.67	0.6
S029866CD		48.7	93.6	<0.002	2.58	2.22	26.4	9	0.8	396	0.28	0.06	1.17	0.354	2.60	0.6
S029867		41.1	89.8	<0.002	3.33	1.95	28.7	9	0.7	386	0.28	0.05	1.15	0.354	2.45	0.7
S029868		38.9	72.5	<0.002	3.44	2.09	27.2	12	0.8	392	0.27	0.05	1.04	0.360	1.89	0.5
S029869		31.6	96.0	0.004	2.68	5.14	24.7	9	0.8	447	0.26	<0.05	1.05	0.311	1.90	0.5
\$029870		8890	159.5	0.004	3.01	76.0	11.1	3	4.0	145.0	0.33	0.27	3.86	0.248	3.25	2.1
\$029871		40.0	142.0	0.003	4.54	4.78	33.0	16	1.4	325	0.29	0.05	0.97	0.431	2.58	0.5
\$029872		29.5	168.5	<0.002	3.72	8.51	21.6	10	0.9	177.0	0.24	<0.05	0.87	0.307	2.47	0.6
\$029873		39.5	163.0	0.003	5.28	5.62	26.1	16	1.0	215	0.27	0.06	0.85	0.343	2.99	0.7
\$029874		33.2	124.0	0.002	3.74	4.06	24.3	14	1.1	311	0.28	0.05	0.80	0.364	2.77	0.6
\$029875		27.1	107.5	0.002	3.21	2.57	25.2	12	0.8	407	0.27	<0.05	0.95	0.339	2.09	0.8
\$029876		36.3	91.4	<0.002	3.41	1.59	26.8	14	0.8	367	0.28	<0.05	0.81	0.376	2.05	0.6
\$029877		31.8	104.0	0.003	3.45	1.45	28.7	12	1.2	384	0.29	0.06	0.90	0.349	2.78	0.8
\$029878		48.7	141.0	0.005	4.00	2.40	25.8	13	1.6	368	0.27	0.05	0.98	0.304	2.64	0.7
\$029879		48.9	125.0	0.008	4.25	2.81	22.2	15	1.7	326	0.22	0.06	0.85	0.270	2.33	0.6
\$029880		0.8	1.6	<0.002	0.02	0.10	0.5	1	<0.2	67.8	<0.05	<0.05	0.08	0.008	0.04	0.2
\$029881		34.9	107.5	0.002	2.96	1.62	30.4	14	1.0	387	0.27	<0.05	0.92	0.371	2.44	0.5
\$029882		32.8	124.5	<0.002	2.68	1.49	29.3	14	1.0	369	0.28	0.05	1.02	0.352	2.49	0.5
\$029883		29.6	113.0	0.002	2.07	1.48	25.8	10	1.0	353	0.26	<0.05	0.90	0.313	2.10	0.4
\$029884		32.6	123.5	0.003	2.46	1.60	29.5	12	1.2	351	0.28	0.05	0.82	0.348	2.56	0.4
S029885		29.4	140.0	0.003	2.59	2.08	29.2	14	1.3	293	0.26	<0.05	0.87	0.357	2.64	0.5
S029886		50.4	153.5	0.005	3.35	12.70	20.2	11	1.0	172.5	0.19	<0.05	0.66	0.264	2.05	0.4
S029886CD		76.4	153.5	0.005	3.06	11.00	21.1	11	1.0	163.5	0.19	0.06	0.65	0.275	2.08	0.4
S029887		60.8	150.0	0.006	1.81	3.13	27.7	8	1.4	263	0.27	0.05	0.95	0.308	2.35	0.5
S029888		38.4	162.0	0.007	2.52	3.19	28.3	10	1.3	250	0.27	0.05	0.75	0.349	3.27	0.4



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(ALS	,								CERTIFICATE OF ANALYSIS VA20198676
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	4 pXRF-34 Zr ppm 5
\$029851		230	1.0	15.7	216	17.6	21.1	0.4	57
\$029852		230	6.8	14.6	127	16.2	19.9	0.4	66
\$029853		236	1.1	16.5	159	11.6	18.8	0.4	57
\$029854		249	0.6	15.0	159	15.9	20.1	0.4	52
\$029855		213	0.6	13.4	149	20.1	20.8	0.4	61
\$029856		223	0.7	19.0	145	22.8	19.2	0.4	55
\$029857		237	0.7	14.2	177	22.6	20.7	0.4	54
\$029858		242	0.7	12.7	169	18.2	21.0	0.5	51
\$029859		222	1.0	13.7	136	19.5	21.3	0.4	51
\$029860		5	<0.1	2.3	8	3.0	3.6	<0.1	11
\$029861 \$029862 \$029863 \$029864 \$029865		230 208 199 270 229	1.1 1.0 1.0 0.8 0.6	12.4 10.2 12.3 16.1 14.3	137 127 101 128 115	25.2 21.9 17.6 17.9 16.1	20.8 21.1 18.1 19.9 22.1	0.4 0.4 0.4 0.5	54 52 45 60 52
\$029866 \$029866CD \$029867 \$029868 \$029869		237 232 235 234 219	0.7 0.6 0.7 1.0 4.0	13.5 13.6 14.2 12.2 9.9	122 119 100 111 123	19.1 18.5 19.3 16.0 15.1	21.1 20.9 22.2 20.2 19.8	0.4 0.4 0.5 0.4	52 58 49 47 49
\$029870		121	4.1	9.6	1850	54.2	28.5	0.4	82
\$029871		283	3.1	15.4	308	13.9	19.6	0.4	48
\$029872		188	2.9	13.5	76	15.6	20.4	0.3	40
\$029873		200	2.0	10.4	159	16.3	20.3	0.4	50
\$029874		227	1.6	11.9	243	16.4	21.6	0.4	44
\$029875		224	1.5	12.6	119	18.9	19.4	0.4	47
\$029876		248	4.2	12.2	106	17.3	20.6	0.4	42
\$029877		230	2.2	11.7	503	22.5	20.6	0.4	50
\$029878		204	2.3	11.8	1960	18.5	19.3	0.4	46
\$029879		191	1.8	13.0	2040	15.4	18.5	0.4	38
\$029880		3	0.1	2.4	15	1.7	2.5	0.1	<5
\$029881		251	1.2	13.5	306	14.7	21.1	0.4	47
\$029882		238	1.9	15.3	134	15.1	20.5	0.4	49
\$029883		209	1.1	14.0	139	13.6	18.4	0.4	47
\$029884		229	1.2	13.5	127	12.1	19.7	0.4	45
\$029885		235	2.2	13.2	110	13.5	21.2	0.5	44
\$029886		188	2.1	18.4	657	15.1	20.5	0.3	33
\$029886CD		202	2.2	18.8	540	14.0	19.8	0.3	31
\$029887		214	2.5	16.0	137	19.2	18.3	0.4	43
\$029888		230	3.0	12.9	267	12.0	19.6	0.4	42



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(ALS)								CERTIFICATE OF ANALYSIS VA20198676								
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029889		5.76	0.046	0.84	7.10	21.4	1270	0.55	0.04	4.85	0.79	15.35	23.0	22	3.32	115.0
\$029890		0.12	1.065	27.6	5.73	385	880	1.33	0.93	0.65	1.67	29.1	13.1	18	8.17	106.5
\$029891		5.78	0.122	1.22	7.40	111.5	560	0.65	0.08	4.88	0.27	11.65	21.7	18	4.06	150.5
\$029892		5.50	0.113	0.99	6.91	46.6	510	0.58	0.07	3.88	0.48	11.15	19.2	18	4.42	118.0
\$029893		2.96	0.100	0.95	7.11	16.6	540	0.56	0.13	3.71	0.78	10.85	20.4	17	3.86	115.0
\$029894		1.82	0.047	2.15	6.74	32.0	1000	0.74	0.14	9.58	2.13	13.65	15.8	18	6.35	384
\$029895		4.18	0.103	0.84	6.71	48.2	870	0.54	0.16	5.56	6.06	14.50	16.8	15	4.85	92.0
\$029896		4.24	0.132	1.21	6.77	84.4	310	0.79	0.13	5.67	10.90	11.05	18.0	14	6.15	103.0
\$029897		6.42	0.032	1.11	6.81	57.2	230	0.79	0.20	5.36	1.96	9.32	18.1	16	5.97	100.5
\$029898		5.22	0.132	0.89	4.18	473	490	0.68	0.07	13.65	3.46	11.55	13.2	19	4.55	51.6
\$029899		4.26	0.114	1.92	6.43	61.4	620	0.97	0.08	5.55	4.11	9.74	21.0	37	6.80	74.5
\$029900		0.60	<0.005	0.02	0.11	1.2	30	0.06	0.01	34.6	0.04	1.21	0.6	2	0.08	1.7
\$029901		4.62	0.167	1.93	3.37	120.5	520	0.57	0.05	17.10	6.78	15.35	11.5	16	4.13	41.1
\$029902		5.78	0.248	1.35	6.71	147.0	930	0.90	0.09	7.68	1.98	10.75	21.2	24	6.91	77.9
\$029903		5.24	0.123	0.84	6.96	69.1	1090	0.68	0.09	8.13	0.67	11.05	23.0	24	4.57	101.5
\$029904		6.14	0.233	0.81	7.06	17.3	350	0.55	0.08	5.63	3.80	11.20	25.2	30	2.87	96.2
\$029905		6.14	0.152	0.73	6.57	19.7	320	0.64	0.10	6.70	8.31	14.15	24.5	56	3.85	76.8
\$029906		5.68	0.082	0.69	6.31	40.8	680	0.64	0.09	8.36	1.58	11.60	28.2	77	3.09	87.8
\$029906CD		<0.02	0.069	0.68	6.34	35.9	610	0.57	0.09	8.34	1.49	11.60	28.6	88	3.08	88.0
\$029907		6.02	0.046	0.65	7.21	11.0	1910	0.49	0.10	6.94	0.28	12.55	26.4	28	2.94	90.7
\$029908		6.12	0.217	0.78	7.50	9.6	340	0.55	0.08	6.29	0.38	11.90	23.6	22	2.28	130.5
\$029909		6.34	0.063	0.79	7.07	17.7	900	0.76	0.10	7.98	0.29	13.50	24.4	32	2.03	110.5
\$029910		0.12	1.110	11.60	5.83	313	460	1.01	0.16	3.50	4.46	24.0	10.2	25	6.77	81.1
\$029911		5.68	0.025	0.91	7.38	21.1	370	0.84	0.13	6.96	13.35	11.50	28.3	18	3.24	122.5
\$029912		5.60	0.019	0.84	7.67	9.9	420	0.65	0.13	6.74	8.58	12.10	28.6	24	3.61	127.5
\$029913		6.06	0.057	0.82	7.33	11.5	320	0.47	0.13	6.44	1.37	11.05	29.2	23	1.82	120.0
\$029914		6.60	0.028	1.19	6.93	16.3	190	0.60	0.16	6.71	2.18	10.50	31.1	18	3.56	174.0
\$029915		5.76	0.005	0.71	7.43	8.9	320	0.51	0.07	5.99	4.86	10.65	29.0	26	2.00	111.0
\$029916		6.20	0.017	0.90	7.07	13.0	230	0.54	0.10	5.62	3.62	10.25	31.5	28	1.97	121.5
\$029917		2.74	0.009	0.83	7.00	10.7	230	0.58	0.12	5.46	3.30	10.35	30.4	27	1.97	131.0
\$029918		3.42	<0.005	1.05	6.97	15.1	940	0.44	0.10	8.85	15.75	12.25	27.6	24	2.09	162.0
\$029919		5.28	<0.005	0.77	7.03	11.2	270	0.61	0.08	7.02	6.56	11.80	28.4	27	1.42	112.5
\$029920		0.76	<0.005	0.06	0.23	0.3	40	0.13	0.02	33.1	0.06	1.10	0.8	2	0.07	3.7
\$029921		6.02	<0.005	0.77	6.95	11.5	210	0.61	0.07	5.94	0.98	11.35	29.2	26	1.59	110.5
\$029922		6.34	<0.005	0.78	7.25	11.2	240	0.67	0.09	5.85	0.59	11.75	30.3	25	1.50	155.5
\$029923		6.28	<0.005	0.86	6.69	15.3	320	0.52	0.07	8.17	0.69	10.75	28.8	22	1.42	144.0
\$029924		5.64	<0.005	0.78	7.08	10.4	220	0.54	0.11	5.97	0.39	12.20	29.6	26	1.95	131.0
\$029925		6.44	0.068	0.92	7.24	9.7	240	0.57	0.12	5.68	0.30	10.85	31.7	23	2.55	143.5
\$029926		5.54	0.124	0.86	7.52	11.0	480	0.59	0.13	6.60	0.42	12.60	31.5	28	1.36	110.0
\$029926CD		<0.02	0.142	0.90	7.58	10.4	440	0.53	0.13	6.50	0.39	12.50	30.8	28	1.38	102.5



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**CERTIFICATE OF ANALYSIS VA20198676** 

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									CERTIFICATE OF ANALTSIS		VA20198070					
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029889 \$029890 \$029891 \$029892 \$029893		6.36 4.40 6.75 6.15 6.17	15.15 13.40 15.60 15.15 15.45	0.11 0.10 0.11 0.10 0.10	0.6 1.0 0.5 0.5	0.117 0.036 0.104 0.115 0.117	3.38 2.63 3.33 3.35 3.52	7.7 14.7 5.8 5.6 5.7	38.9 10.5 41.0 35.2 31.3	2.16 0.36 2.21 1.85 1.70	1500 228 1590 1460 1460	0.71 4.98 1.03 1.36 0.93	1.97 0.19 1.87 1.54 1.99	5.3 5.6 5.5 5.5 5.6	13.6 13.3 11.5 10.3 10.5	1940 1240 1970 1790 1870
S029894 S029895 S029896 S029897 S029898		4.94 5.09 5.80 5.62 3.98	14.25 14.35 15.35 15.00 9.87	0.10 0.10 0.10 0.12 0.11 0.08	0.5 0.5 0.5 0.5 0.4 0.4	0.117 0.123 0.174 0.176 0.081 0.058	3.92 4.15 4.24 4.35 2.23	7.4 7.3 5.4 4.5 6.4	26.4 28.7 31.2 32.8 21.0	1.70 1.41 1.49 1.55 1.53 1.08	1800 1560 1620 1500 2950	2.03 2.46 2.26 1.03 1.61	0.95 1.35 0.69 1.06 0.07	4.5 5.2 5.1 5.2 2.8	9.9 9.7 9.9 10.2 9.6	1530 1750 1710 1760 1110
\$029899		5.22	14.00	0.10	0.7	0.095	3.95	5.1	31.8	1.47	1420	3.52	0.19	3.6	18.2	2130
\$029900		0.13	0.33	0.06	<0.1	<0.005	0.04	1.4	1.4	2.02	158	0.08	0.03	0.1	0.8	80
\$029901		3.23	7.98	0.07	0.3	0.055	1.87	8.7	17.4	0.74	3800	2.25	0.08	1.9	8.4	890
\$029902		5.19	14.00	0.09	0.5	0.100	4.21	5.4	26.7	1.48	1850	1.84	0.15	3.3	13.0	1870
\$029903		5.57	13.20	0.10	0.6	0.097	4.54	5.3	33.2	2.05	1600	1.07	0.93	3.3	14.3	1990
\$029904		6.22	13.20	0.10	0.5	0.103	3.41	5.1	35.3	2.22	1750	0.91	2.00	3.3	16.6	1690
\$029905		6.03	13.40	0.10	0.7	0.113	2.91	6.5	34.5	2.14	2030	1.02	1.77	4.0	24.9	1420
\$029906		5.76	10.70	0.09	0.6	0.082	2.85	5.9	35.4	2.45	2000	0.65	1.56	3.2	31.9	1610
\$029906CD		5.64	11.00	0.07	0.6	0.087	2.79	6.0	36.5	2.50	2000	0.60	1.60	3.2	32.7	1630
\$029907		6.07	12.65	0.09	0.5	0.076	3.76	5.9	36.0	2.66	1960	0.47	1.42	3.2	16.6	1710
\$029908 \$029909 \$029910 \$029911 \$029912		6.25 6.29 3.87 6.37 6.58	13.65 13.70 13.60 14.65 14.05	0.09 0.11 0.08 0.14 0.12	0.6 0.6 1.1 0.7	0.090 0.095 0.048 0.119 0.108	3.42 2.69 3.75 3.17 3.00	5.4 6.2 12.1 4.6 5.0	35.6 37.8 12.3 39.1 34.3	2.35 2.40 0.53 2.08 2.83	1760 2190 1360 1740 1940	0.70 0.61 9.72 0.73 0.87	2.32 2.21 0.21 2.42 2.55	3.3 3.0 5.0 3.6 3.4	14.8 16.4 19.4 17.6 18.4	1750 1580 880 1890 1800
\$029913 \$029914 \$029915 \$029916 \$029917		7.05 7.05 6.10 7.01 6.61	14.55 12.95 13.90 13.65 13.90	0.16 0.14 0.14 0.15 0.13	0.6 0.6 0.5 0.5	0.077 0.079 0.108 0.108 0.109	2.70 3.87 3.75 3.27 3.37	5.0 4.2 4.4 4.2 4.1	32.1 30.3 39.6 36.4 41.0	2.34 1.72 2.49 2.37 2.47	1700 1880 1840 1790 1700	7.52 1.29 0.65 0.90 0.47	2.64 2.13 2.42 2.55 2.46	3.3 3.3 3.4 3.3 3.2	16.3 16.9 22.9 22.1 21.8	1800 1720 1810 1730 1690
\$029918		6.04	12.40	0.14	0.5	0.094	3.16	5.7	38.9	2.02	2390	0.58	2.35	3.1	19.4	1590
\$029919		6.29	14.10	0.17	0.5	0.140	3.45	5.1	31.0	1.98	1980	0.77	2.38	3.3	20.7	1700
\$029920		0.19	0.64	0.06	0.1	0.006	0.06	1.2	1.7	2.87	175	0.16	0.12	0.3	1.0	80
\$029921		6.46	12.80	0.17	0.6	0.096	3.31	4.9	33.4	2.30	1760	0.92	2.58	3.4	19.4	1760
\$029922		6.61	13.90	0.16	0.6	0.105	3.08	5.2	34.6	2.41	1680	0.89	2.81	3.5	19.0	1790
\$029923		6.29	12.90	0.16	0.6	0.113	2.86	5.1	34.4	2.36	1520	0.75	2.44	3.2	16.4	1640
\$029924		6.43	14.05	0.14	0.6	0.105	3.12	5.2	28.3	2.24	1660	0.89	2.62	3.7	20.8	1790
\$029925		6.97	13.75	0.13	0.6	0.106	2.56	4.8	26.2	2.64	1840	0.71	2.74	3.5	20.2	1810
\$029926		6.91	14.95	0.12	0.6	0.091	2.37	5.8	26.4	2.62	2020	0.56	2.87	3.6	22.3	1820
\$029926CD		6.86	14.50	0.11	0.6	0.103	2.38	5.8	25.4	2.59	2020	0.70	2.83	3.5	21.7	1790



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20198676** 

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									CERTIFICATE OF ANALTSIS		VA20138070					
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$029889		33.9	108.0	0.004	2.85	1.69	36.6	12	1.2	293	0.27	0.05	0.85	0.393	2.20	0.4
\$029890		50.0	133.5	<0.002	4.01	35.2	13.8	5	1.8	131.5	0.32	0.28	2.84	0.293	2.36	1.0
\$029891		35.4	123.0	0.007	3.88	3.26	30.6	15	1.0	272	0.28	0.06	0.90	0.388	2.33	0.4
\$029892		35.3	123.0	0.005	2.92	2.93	27.4	13	1.0	223	0.27	0.06	0.90	0.336	2.39	0.4
S029893 S029894		30.2	115.5	0.004	2.99	4.40	29.8	13	1.0	250	0.29	0.06	0.88	0.344	2.34	0.4
S029895		35.9	148.0	0.015	2.59	3.35	27.5	12	1.6	240	0.28	<0.05	0.80	0.328	2.74	0.4
S029896		127.0	180.5	0.010	4.28	6.92	27.0	15	2.0	207	0.27	0.06	0.86	0.313	2.97	0.4
S029897		65.8	172.5	<0.002	4.55	6.59	27.4	16	1.1	250	0.26	0.05	0.73	0.328	3.05	0.4
S029898		65.5	138.5	0.002	3.06	9.47	20.4	11	1.1	238	0.16	<0.05	0.70	0.216	1.67	0.4
\$029899 \$029900 \$029901 \$029902 \$029903		714 1.8 1610 59.3 35.9	205 2.0 112.0 202 173.0	0.007 <0.002 0.004 0.007 0.005	3.77 0.03 2.56 3.87 3.69	11.10 0.19 9.76 9.51 5.32	32.1 0.4 18.0 33.6 38.0	16 1 10 15	2.1 <0.2 1.3 1.9 2.0	181.0 80.7 332 245 254	0.20 <0.05 0.11 0.20 0.19	0.05 <0.05 <0.05 0.05 0.06	0.90 0.09 0.56 0.74 0.70	0.346 0.007 0.174 0.365 0.398	2.76 0.03 1.36 2.84 2.96	0.9 0.1 0.3 0.5 0.5
S029904		40.1	112.5	0.007	3.97	3.03	35.3	16	2.3	298	0.19	<0.05	0.67	0.394	2.18	0.3
S029905		32.8	107.0	0.008	3.91	2.92	32.4	15	2.3	275	0.21	0.05	1.10	0.383	1.80	0.6
S029906		35.1	91.1	0.006	3.83	3.28	43.3	14	1.9	337	0.18	<0.05	0.79	0.354	1.78	0.4
S029906CD		33.8	90.9	0.006	3.70	3.14	44.3	14	2.0	338	0.18	<0.05	0.79	0.358	1.75	0.4
S029907		24.8	112.5	0.003	3.53	2.71	38.2	14	1.5	409	0.17	<0.05	0.79	0.385	2.37	0.3
\$029908 \$029909 \$029910 \$029911 \$029912		23.6 30.8 148.5 68.6 39.2	95.4 81.2 171.0 95.2 82.3	0.003 0.002 0.010 <0.002 <0.002	3.73 3.89 2.75 4.50 4.20	2.40 2.77 19.30 3.24 2.49	38.2 37.3 10.6 36.4 35.5	13 16 2 20 18	1.7 1.5 1.5 2.1 2.1	365 386 183.0 427 519	0.19 0.17 0.29 0.20 0.20	<0.05 0.06 0.26 0.07 0.08	0.60 0.59 3.22 0.57 0.57	0.431 0.401 0.243 0.455 0.439	2.04 1.61 3.25 2.14 2.04	0.3 0.3 1.6 0.3
\$029913		30.1	70.6	<0.002	4.85	2.54	36.0	16	1.5	413	0.19	0.07	0.64	0.420	1.53	0.2
\$029914		45.7	93.7	<0.002	5.79	2.81	31.4	19	1.2	515	0.19	0.07	0.46	0.415	2.50	0.3
\$029915		36.0	89.4	<0.002	4.23	2.28	38.0	17	1.8	425	0.18	<0.05	0.53	0.446	2.39	0.2
\$029916		65.5	71.6	<0.002	5.49	2.34	36.2	18	1.5	471	0.19	0.07	0.52	0.424	2.16	0.2
\$029917		67.4	70.9	0.002	5.03	2.44	35.2	17	1.6	474	0.18	0.05	0.50	0.423	2.14	0.2
\$029918		172.0	91.3	<0.002	4.89	2.05	34.8	19	1.6	454	0.18	0.06	0.55	0.385	2.01	0.2
\$029919		140.0	86.1	<0.002	4.80	1.90	37.4	22	2.3	469	0.20	0.07	0.54	0.413	2.00	0.3
\$029920		1.6	1.6	<0.002	0.05	0.12	0.6	<1	<0.2	81.6	<0.05	<0.05	0.08	0.010	0.06	0.2
\$029921		38.4	84.0	<0.002	5.05	1.91	39.8	18	2.1	483	0.20	0.05	0.60	0.421	1.87	0.3
\$029922		37.7	80.0	<0.002	5.23	1.74	38.9	17	1.8	455	0.21	0.05	0.64	0.423	1.76	0.3
\$029923 \$029924 \$029925 \$029926 \$029926CD		32.9 25.1 21.3 19.6 19.0	77.3 74.1 53.6 50.1 54.3	<0.002 <0.002 <0.002 0.004 <0.002	5.16 4.90 4.85 4.30 4.25	2.38 2.31 3.24 3.71 3.53	35.0 35.6 32.6 36.8 37.9	20 18 19 18 17	1.9 1.9 1.7 1.5	334 545 623 547 542	0.18 0.20 0.22 0.21 0.19	<0.05 0.06 0.08 0.05 0.08	0.61 0.58 0.50 0.57 0.63	0.377 0.425 0.430 0.442 0.437	1.63 1.98 1.61 1.35 1.48	0.3 0.3 0.3 0.3 0.3



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

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(									C	ERTIFICATE OF ANALYSIS	VA20198676
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5		
-	LOD										
S029889		268 133	3.7 2.4	16.7	136 192	13.2 32.6	19.8 29.8	0.4	42 74		
S029890 S029891		269	3.6	8.4 12.7	129	32.0 13.4	29.6 19.3	0.4 0.5	74 50		
S029892		235	3.5	11.3	139	13.4	20.8	0.3	43		
S029893		233	3.7	10.1	152	13.2	22.6	0.4	43		
S029894		194	3.9	13.7	190	13.0	16.9	0.3	40		
S029895		222	5.3	14.2	448	12.6	20.8	0.4	44		
S029896		222	3.6	11.9	893	12.9	20.3	0.4	43		
S029897		230	3.2	10.0	222	10.9	21.5	0.4	43		
S029898		154	2.3	15.5	345	13.7	18.2	0.3	30		
S029899		231	4.7	10.6	406	20.0	22.9	0.4	44		
S029900		3	0.1	2.2	5	1.7	3.5	0.1	<5		
S029901		133	2.2	27.8	649	9.3	16.6	0.2	24		
S029902		245	3.5	13.5	215	13.9	20.0	0.4	50		
S029903		257	2.7	11.9	143	14.4	17.4	0.5	43		
S029904		251	2.0	11.3	321	12.1	17.6	0.5	48		
S029905		244	1.7	13.9	560	18.3	18.1	0.4	56		
S029906		255	1.2	13.5	254	14.5	17.2	0.5	38		
S029906CD		259	1.2	13.1	255	14.5	18.5	0.4	42		
S029907		249	0.7	14.5	117	13.2	18.5	0.5	46		
S029908		265	1.1	14.9	130	13.4	18.2	0.5	51		
S029909		257	1.1	19.6	113	14.2	16.7	0.4	50		
S029910		101	4.8	8.3	471	38.1	25.5	0.3	75		
S029911		280	1.2	17.7	747	13.1	17.9	0.5	55		
S029912		279	0.6	18.3	558	12.7	19.2	0.5	50		
S029913		265	0.9	14.7	185	14.1	17.6	0.4	50		
S029914		263	1.7	17.0	205	11.9	17.4	0.6	47		
S029915		284	1.2	15.8	341	12.0	19.2	0.5	53		
S029916		283	1.4	16.0	278	11.7	19.0	0.5	49		
S029917		270	0.8	15.9	273	11.9	18.8	0.5	53		
S029918		247	1.9	19.8	871	11.0	16.2	0.5	47		
S029919		274	1.4	17.5	373	10.6	18.2	0.5	58		
S029920		4	0.1	3.4	8	1.8	4.6	0.1	10		
S029921		267	0.8	17.4	136	12.7	20.0	0.5	51		
S029922		277	0.6	17.1	124	13.0	19.3	0.5	55		
S029923		259	0.6	14.6	122	12.0	16.5	0.5	45		
S029924		275	0.6	17.4	106	12.7	17.9	0.5	53		
S029925		281	0.6	15.9	119	12.4	18.4	0.5	64		
S029926		284	0.6	17.7	119	13.3	19.5	0.4	49		
S029926CD		280	0.6	17.5	117	12.9	19.9	0.5	55		



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	98676	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029927		7.54	0.229	0.98	7.28	11.0	400	0.62	0.13	4.63	0.32	12.10	34.2	39	1.32	102.0
\$029928		4.56	0.067	1.20	7.43	13.1	320	0.62	0.13	5.07	0.50	12.85	36.8	29	1.22	133.0
\$029929		6.32	0.112	1.10	7.71	11.6	600	0.61	0.10	4.45	0.35	12.35	30.0	28	1.59	139.5
\$029930		0.16	5.89	82.9	6.32	295	1240	1.03	1.33	2.03	26.1	28.5	11.6	23	7.95	121.0
\$029931		6.60	0.067	1.22	7.18	14.8	260	0.65	0.12	5.30	0.38	10.90	37.2	23	1.55	124.0
\$029932		5.46	0.050	1.05	7.47	11.5	530	0.56	0.12	5.83	0.32	12.60	26.8	25	1.55	132.0
\$029933		6.30	0.051	1.19	7.27	16.1	310	0.63	0.11	5.33	4.55	12.35	30.3	30	1.19	94.4
\$029934		6.76	0.180	1.17	6.75	16.4	230	0.73	0.10	4.98	0.70	10.65	33.4	25	1.24	98.1
\$029935		5.82	0.055	1.12	7.26	12.5	260	0.62	0.11	5.28	1.05	11.70	30.7	24	1.72	110.5
\$029936		3.98	0.079	1.26	7.07	13.6	320	0.56	0.14	5.50	1.16	11.75	32.8	32	1.54	106.0
\$029937		5.90	0.091	1.18	5.07	48.2	470	0.34	0.09	15.70	2.55	17.65	21.4	21	1.59	77.2
\$029938		1.72	0.081	1.32	7.43	13.9	450	0.55	0.08	7.31	1.12	12.75	26.6	28	3.32	180.0
\$029939		7.14	0.055	1.45	7.13	14.7	220	0.49	0.11	6.32	3.70	12.35	29.8	25	2.98	143.5
\$029940		0.80	<0.005	0.05	0.22	1.6	70	0.07	0.02	32.4	0.13	1.60	1.2	3	0.08	4.4
\$029941		6.02	0.139	1.80	7.01	14.4	180	0.62	0.13	5.73	5.77	11.30	29.8	32	2.31	149.5
\$029942		7.00	0.207	1.87	6.93	14.0	170	0.57	0.15	5.39	3.63	12.15	31.3	24	3.97	154.0
\$029943		7.52	0.189	1.45	7.33	10.7	420	0.47	0.11	7.16	1.72	10.80	28.8	28	2.68	155.0
\$029944		6.66	0.150	1.25	7.14	18.5	300	0.49	0.09	6.06	2.29	11.50	29.9	28	2.20	109.0
\$029945		6.52	0.193	1.97	7.04	30.2	260	0.45	0.11	6.24	8.62	13.15	32.9	30	2.55	144.0
\$029946		6.00	0.113	1.54	7.39	17.8	370	0.60	0.09	5.59	10.60	10.80	26.5	26	4.19	109.5
S029946CD		<0.02	0.114	1.54	7.20	18.5	310	0.63	0.10	5.57	11.25	11.00	27.0	24	4.22	112.5
S029947		6.44	0.141	1.55	6.70	21.0	1230	0.66	0.09	10.50	11.55	15.90	25.3	22	2.89	132.5
S029948		2.66	0.112	1.58	6.94	15.9	550	0.44	0.11	7.67	5.35	12.70	30.8	23	1.82	143.5
S029949		7.52	0.091	1.53	7.36	16.2	300	0.49	0.12	4.98	3.13	11.85	28.2	30	1.99	147.5
S029950		0.12	1.365	28.8	5.74	384	430	1.16	0.98	0.64	1.69	28.2	13.6	18	8.20	106.5



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20198676** 

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											-, <b>\ \ \ \</b>	7 (14/ (1			30070	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61									
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029927		6.76	14.70	0.12	0.6	0.095	2.31	5.0	29.4	2.85	2010	0.57	3.04	3.9	26.4	1750
\$029928		7.31	14.25	0.12	0.7	0.107	2.40	5.6	29.3	2.79	1980	0.72	2.86	3.7	24.9	1830
\$029929		6.85	14.60	0.15	0.5	0.129	2.51	5.3	40.2	3.06	2070	0.82	2.83	3.5	20.7	1850
\$029930		4.82	13.35	0.12	1.3	1.595	3.68	13.8	13.5	0.49	1200	9.93	0.23	5.9	18.2	1010
\$029931		7.62	13.55	0.14	0.6	0.111	2.77	4.5	37.7	2.98	1900	0.93	2.48	3.4	22.7	1760
\$029932		5.79	12.75	0.15	0.7	0.098	3.83	5.8	30.4	2.54	1720	0.62	2.19	3.5	18.1	1870
\$029933		7.65	14.45	0.18	0.6	0.109	2.43	5.5	34.5	3.09	2080	1.25	2.54	3.4	20.0	1770
\$029934		7.16	14.75	0.14	0.7	0.118	2.97	4.2	38.3	3.02	1960	1.19	2.29	3.7	21.7	1780
\$029935		7.24	13.65	0.18	0.7	0.099	3.28	5.2	32.7	2.64	1850	1.01	2.27	3.5	19.4	1770
\$029936		7.25	14.75	0.14	0.6	0.136	2.69	5.1	38.1	2.86	2020	0.99	2.53	3.6	23.2	1760
\$029937		4.80	9.53	0.13	0.4	0.094	2.49	9.2	27.0	1.48	3440	0.95	1.47	2.3	15.0	1120
\$029938		6.55	13.75	0.18	0.6	0.142	2.35	6.0	37.4	2.19	2180	0.88	2.88	3.2	19.7	1770
\$029939		6.42	13.50	0.16	0.7	0.157	3.75	5.1	29.0	1.85	1790	0.97	2.37	3.7	20.5	1780
\$029940		0.26	0.54	0.06	<0.1	0.007	0.09	1.6	2.3	2.07	264	0.14	0.07	0.2	1.3	100
\$029941		6.82	13.25	0.15	0.6	0.163	3.04	4.8	28.2	2.03	1830	0.93	2.75	3.4	22.8	1740
\$029942		6.82	13.30	0.16	0.6	0.140	3.80	5.0	31.0	1.83	1520	0.96	2.38	3.9	20.1	1960
\$029943		6.14	14.05	0.13	0.5	0.130	2.99	5.0	38.2	2.75	1760	0.53	2.40	3.4	22.2	1730
\$029944		6.52	13.65	0.13	0.5	0.123	2.75	5.1	38.3	2.43	2020	0.56	2.65	3.4	22.2	1730
\$029945		6.73	13.45	0.17	0.5	0.150	3.38	6.0	35.3	2.23	1900	0.95	2.30	3.4	24.7	1670
\$029946		6.34	13.55	0.11	0.4	0.105	2.73	5.1	40.4	2.66	2040	0.82	2.37	3.2	20.2	1660
\$029946CD		6.31	13.80	0.09	0.4	0.116	2.72	5.3	42.4	2.61	2000	0.63	2.35	3.3	19.7	1650
\$029947		5.90	12.20	0.09	0.4	0.104	2.80	8.0	30.2	1.86	2550	0.78	2.14	3.0	16.7	1530
\$029948		6.76	12.45	0.09	0.4	0.077	3.79	5.8	28.1	2.04	1940	0.86	1.95	3.2	18.9	1570
\$029949		6.61	13.50	0.09	0.5	0.113	3.57	5.4	34.9	2.67	1740	1.17	2.21	3.3	19.9	1790
\$029950		4.44	13.25	0.09	0.9	0.035	2.66	14.2	9.2	0.36	230	5.03	0.19	5.7	13.7	1260



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20198676** 

Page: 4 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 21-SEP-2020 Account: PREBOW

									CERTIFICATE OF AUARETSIS		17(20190070					
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61							
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$029927		20.9	44.5	<0.002	4.06	3.55	35.3	17	1.4	492	0.22	0.09	0.56	0.447	1.51	0.3
\$029928		24.9	56.5	<0.002	4.82	3.24	37.1	19	1.4	507	0.20	0.08	0.60	0.426	1.54	0.3
\$029929		20.5	58.4	<0.002	4.04	3.17	35.3	15	1.7	485	0.21	0.08	0.59	0.439	1.55	0.3
\$029930		8910	164.0	<0.002	3.06	77.6	12.0	3	4.3	151.0	0.37	0.31	3.89	0.252	3.61	2.0
\$029931		30.9	61.8	<0.002	5.16	2.90	33.7	18	1.6	484	0.19	0.10	0.52	0.420	1.65	0.2
\$029932		20.9	91.5	<0.002	3.55	2.51	35.5	15	1.3	461	0.19	0.07	0.69	0.424	2.12	0.2
\$029933		30.4	54.6	<0.002	4.97	3.37	38.5	19	1.7	515	0.20	0.08	0.65	0.422	1.29	0.3
\$029934		23.6	48.2	<0.002	4.63	3.13	33.5	19	1.8	489	0.20	0.10	0.48	0.427	1.81	0.3
\$029935		24.8	76.3	<0.002	4.88	2.79	36.9	16	1.8	548	0.21	0.06	0.63	0.430	1.71	0.3
\$029936		29.1	52.9	0.002	4.55	2.43	36.5	19	2.1	521	0.20	0.10	0.59	0.410	1.67	0.3
\$029937		26.0	76.9	0.004	3.48	1.83	27.1	13	2.1	297	0.13	0.05	0.45	0.265	1.56	0.2
\$029938		23.8	65.4	0.002	4.28	2.06	35.3	18	3.4	528	0.19	0.06	0.66	0.426	1.29	0.3
\$029939		47.4	90.5	0.004	4.78	1.96	35.9	20	3.5	500	0.20	0.07	0.63	0.419	2.31	0.3
\$029940		1.4	2.8	<0.002	0.12	0.09	1.2	1	<0.2	93.3	<0.05	<0.05	0.07	0.013	0.07	0.1
\$029941		32.4	65.2	0.002	5.28	1.81	33.5	21	3.8	513	0.20	0.08	0.56	0.411	1.87	0.3
\$029942		34.8	80.6	0.004	5.37	1.87	34.7	22	3.2	585	0.22	0.11	0.57	0.453	2.34	0.3
\$029943		20.5	77.9	0.002	3.83	1.71	35.1	16	2.2	556	0.20	0.08	0.61	0.412	1.86	0.2
\$029944		29.8	60.7	0.004	4.08	1.54	34.1	16	2.2	464	0.19	0.07	0.52	0.411	1.71	0.3
\$029945		42.9	89.1	0.009	4.80	1.97	36.1	19	2.8	425	0.21	0.07	0.57	0.395	2.03	0.3
\$029946		54.9	77.2	0.003	3.86	2.58	33.8	16	2.4	552	0.19	0.06	0.66	0.399	1.57	0.2
S029946CD		53.3	75.9	0.003	3.80	2.57	34.3	15	2.4	549	0.18	0.05	0.63	0.387	1.52	0.2
S029947		19.8	76.3	0.006	4.13	2.05	31.4	14	2.6	555	0.16	0.09	0.59	0.361	1.42	0.2
S029948		23.0	95.8	0.007	5.05	1.59	34.1	16	2.4	364	0.17	0.08	0.64	0.367	1.98	0.2
S029949		45.9	86.0	0.011	4.01	1.80	35.8	15	2.5	364	0.19	0.07	0.65	0.401	1.87	0.3
S029950		50.1	122.0	<0.002	4.06	35.9	13.6	5	1.9	132.5	0.31	0.28	2.63	0.293	2.42	0.9



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS									CERTIFICATE OF ANALYSIS VA2019867	6
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
S029927		286	0.6	17.7	130	13.4	19.8	0.5	53	
S029927 S029928		278	0.6	17.7	126	13.4	18.9	0.3	57	
S029929		295	0.7	17.3	135	11.3	20.1	0.5	58	
S029930		123	4.5	9.7	1900	44.3	25.2	0.3	81	
S029931		263	0.6	17.4	135	12.4	18.8	0.5	52	
S029932		262	0.5	16.9	109	14.0	20.0	0.5	57	
S029933		280	0.7	17.2	263	14.4	19.4	0.5	54	
S029934		274	8.0	16.2	136	15.7	20.5	0.5	55	
S029935		272	0.6	17.2	131	14.9	18.7	0.5	59	
S029936		281	8.0	17.0	153	14.5	19.8	0.5	52	
S029937		173	1.5	42.0	260	9.4	12.3	0.3	38	
S029938		289	1.4	18.7	171	13.7	17.5	0.5	61	
S029939		268	1.1	18.8	295	14.1	19.6	0.5	54	
S029940		7	0.1	3.5	14	1.4	5.0	0.1	10	
S029941		270	0.9	18.1	432	11.0	19.1	0.5	56	
S029942		295	0.8	17.2	273	14.1	18.7	0.5	55	
S029943		273	0.9	16.1	198	10.9	17.8	0.4	54	
S029944		271	1.4	17.8	240	10.9	17.9	0.5	54	
S029945		258	1.9	18.9	608	11.5	18.4	0.5	48	
S029946		253	1.2	15.0	838	9.9	17.8	0.4	54	
S029946CD		251	1.2	15.2	864	10.2	18.0	0.5	54	
S029947		236	8.0	36.5	789	10.5	15.7	0.4	48	
S029948		222	0.6	21.3	401	10.5	17.8	0.5	46	
S029949		259	0.7	15.4	290	12.5	19.3	0.4	49	
S029950		136	2.4	8.3	193	30.8	29.9	0.3	77	



To: PRETIVM
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CERTIFICATE	OF	ΔΝΔΙ ΥςΙς	VA20198676
CENTIFICATE	. UE	AINALISIS	VAZU1300/0

		CERTIFICATE COM	IMENTS	
			TICAL COMMENTS	
Applies to Method:	REEs may not be totally so ME-MS61	luble in this method.		
			ATORY ADDRESSES	
Applies to Method:	Au-AA23 LOG-21 PUL-32m	er located at 2103 Dollarton Hwy, No BAG-01 LOG-21d PUL-32md	CRU-31 LOG-23 PUL-QC	CRU-QC ME-MS61 pXRF-34
	SPL-21	SPL-21d	WEI-21	



ALS Canada Ltd. 2103 Dollarton Hwy North Vancouver BC V7H 0A7

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To: **PRETIVM SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET VANCOUVER BC V7X 1L4** 

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27-JAN-2021 **Account: PREBOW** 

## VA20198680

Project: Bowser Regional Project

P.O. No.: BOW-1100

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 8-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY LEANNE HAWKINS KEN MCNAUGHTON	JEFF AUSTON COREY JAMES STEPHAINE WAFFORN	SUSAN FLASHA JULIANNE MADSEN

SAMPLE PREPARATION								
ALS CODE	DESCRIPTION							
WEI-21	Received Sample Weight							
PUL-32md	Pulverize 500g-DUP -85%<75um							
LOG-21	Sample logging - ClientBarCode							
CRU-31	Fine crushing - 70% <2mm							
CRU-QC	Crushing QC Test							
PUL-QC	Pulverizing QC Test							
SPL-21	Split sample - riffle splitter							
PUL-32m	Pulverize 500g - 85%<75um							
BAG-01	Bulk Master for Storage							
LOG-23	Pulp Login - Rcvd with Barcode							
LOG-21d	Sample logging - ClientBarCode Dup							
SPL-21d	Split sample - duplicate							

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Pb-OG62	Ore Grade Pb - Four Acid	
Zn-OG62	Ore Grade Zn - Four Acid	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20198680** 

Page: 2 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 21-SEP-2020 Account: PREBOW

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029751 \$029752 \$029753 \$029754 \$029755 \$029756 \$029757		6.32 6.50 4.22 6.44 5.84 4.30 3.96	0.172 0.167 0.195 0.141 0.153 0.120 0.135	0.70 0.86 1.16 1.24 1.34 1.15	7.46 8.36 8.34 8.65 8.89 9.03 8.41	10.7 5.7 6.9 5.9 7.6 6.5 7.7	890 1510 1120 1340 1590 2090 1930	1.27 1.77 1.50 1.30 1.14 1.37 1.16	0.09 0.08 0.10 0.11 0.07 0.07	3.26 1.83 2.79 2.30 1.86 2.18 1.90	0.27 0.28 0.40 0.32 0.21 0.36 0.16	29.7 35.3 31.9 31.5 35.2 31.1 29.9	17.4 20.5 20.1 23.8 17.6 13.0 10.6	37 36 37 32 30 28 29	3.83 5.03 3.93 2.96 3.12 3.39 3.12	156.0 167.5 199.5 194.0 206 151.0 191.5
\$029758 \$029759 \$029760 \$029761		4.60 6.42 0.78	0.210 0.219 <0.005 0.253	1.47 1.38 0.01 0.79	7.96 7.81 0.10 8.30	4.9 14.3 0.4 7.9	820 1010 20 2020	1.37 1.49 0.07	0.09 0.08 0.01 0.09	2.24 2.45 35.7	0.39 7.39 0.02	29.2 35.9 1.06	20.3 27.1 0.8	36 35 1	3.75 3.90 0.05 2.97	203 171.0 3.1
\$029762 \$029763 \$029764 \$029765 \$029766		4.94 5.74 6.10 4.86 5.50	0.150 0.207 0.131 0.148	0.73 0.88 0.69 0.96	7.99 8.63 8.24 8.42 7.91	29.0 6.0 7.7 4.5	1680 1960 1520 1800	1.12 1.51 1.43 1.35	0.08 0.10 0.04 0.06	2.33 1.93 2.57 2.37	0.23 0.19 1.07 0.26	31.3 38.6 35.1 33.2 40.2	12.7 16.2 12.5 23.1	40 42 48 37 59	4.03 5.70 7.22 5.56 6.18	120.0 207 123.0 190.0
S029766CD S029767 S029768 S029769		<0.02 5.90 5.66 6.22	0.196 0.117 0.073 0.117	1.29 0.72 0.77 0.89	8.04 6.85 6.44 7.30	6.6 18.1 16.4 16.2	1600 290 840 930	1.49 1.42 1.27 1.29 1.67	0.07 0.08 0.14 0.07 0.08	2.66 6.28 5.36 3.72	0.00 0.57 0.30 0.23 0.83	44.8 36.9 24.1 29.8	21.2 17.7 10.6 16.8	56 30 25 41	6.13 8.54 13.60 9.45	352 93.8 97.5 163.0
\$029770		0.12	1.000	30.8	5.94	387	670	1.34	0.94	0.68	1.67	29.0	14.8	19	8.13	108.5
\$029771		4.08	0.156	1.01	7.89	10.7	780	1.80	0.10	4.85	0.42	42.5	18.7	39	7.63	226
\$029772		7.60	0.159	0.74	8.16	10.3	1020	1.54	0.10	3.41	1.54	30.3	17.5	42	6.37	153.0
\$029773		6.56	0.224	1.10	7.74	8.9	1420	1.49	0.08	3.67	1.90	30.8	8.8	16	7.78	171.0
\$029774		4.64	0.214	0.72	7.83	6.1	1430	1.14	0.08	3.34	0.15	27.6	14.8	2	8.89	128.5
\$029775		6.22	0.225	0.78	7.55	8.1	670	1.17	0.09	3.07	0.18	26.4	11.7	2	9.93	146.0
\$029776		6.26	0.178	0.75	7.71	6.1	1540	1.13	0.07	3.39	0.39	26.2	7.1	2	8.78	109.5
\$029777		6.14	0.183	1.12	7.50	21.9	870	1.40	0.12	3.44	1.82	24.3	11.5	27	8.45	146.0
\$029778		2.78	0.241	1.28	7.23	11.6	770	1.84	0.10	4.31	3.04	24.6	17.4	41	10.15	141.0
\$029779		3.64	0.364	3.08	7.58	30.6	280	1.61	0.13	3.98	1.35	29.1	37.7	41	11.30	267
\$029780		0.94	<0.005	0.03	0.10	1.1	20	0.06	0.02	33.4	0.02	1.11	0.9	2	0.09	2.0
\$029781		6.60	0.148	10.65	7.38	28.4	640	1.44	0.55	6.02	1.19	22.3	20.6	34	12.35	286
\$029782		6.52	0.125	4.32	6.69	30.9	500	1.42	0.20	4.08	2.60	14.55	12.9	37	10.85	135.0
\$029783		6.40	0.133	1.30	6.89	9.7	670	0.98	0.08	4.78	0.98	13.35	11.1	53	5.22	103.5
\$029784		5.54	0.119	0.58	7.33	5.9	1290	1.32	0.08	4.54	2.40	25.5	11.5	41	5.93	98.1
S029785		4.82	0.143	0.61	6.93	9.6	780	1.40	0.09	7.36	2.33	26.6	12.5	40	7.70	98.9
S029786		6.64	0.170	0.61	7.12	10.7	890	1.69	0.07	5.02	2.61	19.85	11.3	40	7.46	112.0
S029786CD		<0.02	0.165	0.62	6.87	10.1	810	1.66	0.06	4.92	3.10	19.95	11.5	39	7.12	110.5
S029787		5.42	0.208	0.65	6.95	6.9	600	1.11	0.07	4.67	1.04	22.1	12.2	24	6.47	106.5
S029788		4.80	0.366	0.46	7.59	5.2	860	0.98	0.06	2.57	0.48	20.0	17.5	27	7.53	69.3



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	98680	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029751 \$029752 \$029753 \$029754 \$029755		4.67 5.10 5.24 5.12 4.67	18.20 21.5 20.8 20.2 21.3	0.07 0.10 0.10 0.10 0.10	1.2 1.6 1.5 1.2	0.031 0.036 0.037 0.036 0.031	4.84 5.05 4.36 3.91 3.65	13.8 15.6 13.7 14.3 18.0	24.5 27.8 22.5 21.4 23.3	1.23 1.83 1.56 1.39 1.36	844 1080 1210 1160 1120	13.30 21.1 4.28 8.13 6.69	2.06 2.22 2.52 3.16 3.42	5.5 7.1 5.6 5.2 4.8	24.2 39.0 29.9 21.1 21.0	990 1560 1430 1310 1270
\$029756		3.97	19.25	0.14	1.1	0.030	4.70	13.4	18.4	1.10	946	5.02	3.28	4.8	15.9	1180
\$029757		4.58	20.4	0.12	1.5	0.029	3.98	11.8	25.2	1.60	1330	6.66	3.13	4.9	22.4	1320
\$029758		5.37	20.9	0.13	1.6	0.039	5.04	12.1	22.9	1.49	1510	14.15	2.24	5.7	35.5	1290
\$029759		5.15	21.2	0.11	1.5	0.037	4.43	19.5	23.8	1.50	1640	14.70	2.36	5.6	30.4	1280
\$029760		0.12	0.36	0.05	<0.1	<0.005	0.03	1.2	1.2	2.46	153	0.16	0.03	0.1	0.8	90
\$029761		4.71	21.2	0.09	1.3	0.029	3.43	12.4	26.0	1.49	1120	9.21	3.34	5.8	24.2	1180
\$029762		4.31	20.2	0.12	1.5	0.028	2.98	14.0	25.3	1.32	1110	13.40	3.29	6.0	25.1	1240
\$029763		4.43	22.1	0.11	1.5	0.036	3.86	17.8	26.7	1.47	1060	21.6	2.71	6.5	31.3	1320
\$029764		4.01	20.3	0.11	1.3	0.026	3.45	16.6	29.1	1.58	1320	5.46	2.25	6.2	33.6	1150
\$029765		3.78	20.7	0.14	1.5	0.029	3.69	15.3	25.7	1.44	1160	7.83	2.65	6.8	25.5	1180
\$029766 \$029766CD \$029767 \$029768 \$029769		5.08 5.13 5.61 3.30 4.17	21.4 21.1 17.80 15.80 18.55	0.13 0.14 0.10 0.11 0.11	1.4 1.4 1.3 1.4 2.0	0.031 0.034 0.033 0.033 0.039	4.01 4.00 3.56 3.32 4.50	19.6 22.4 17.1 12.1 12.9	31.0 30.0 22.4 21.2 23.6	1.84 1.83 1.24 1.11 1.29	1420 1380 1480 1100	5.75 5.42 16.05 43.4 66.9	1.72 1.72 0.74 0.17 0.59	6.2 6.1 5.2 5.5 6.1	58.9 58.6 31.1 23.2 57.2	1280 1260 930 1010 1140
\$029770		4.54	13.00	0.07	0.8	0.041	2.76	14.3	11.4	0.37	230	4.75	0.19	5.7	13.6	1310
\$029771		4.64	19.95	0.12	2.0	0.062	4.28	21.7	30.6	1.59	1260	80.8	0.93	6.2	66.0	1310
\$029772		4.55	19.25	0.12	1.8	0.028	3.88	13.9	25.6	1.46	1130	54.5	2.02	6.3	50.8	1360
\$029773		4.39	18.60	0.11	1.4	0.060	3.69	16.5	27.1	1.39	1460	21.9	1.56	7.3	23.0	1410
\$029774		3.79	16.90	0.10	1.1	0.031	3.35	11.6	17.4	0.94	1100	11.45	1.97	7.1	1.2	1410
\$029775 \$029776 \$029777 \$029777 \$029778 \$029779		4.19 4.04 4.34 4.79 7.42	18.45 18.00 20.0 20.4 21.8	0.14 0.15 0.17 0.17 0.21	1.4 1.2 1.7 2.2 1.9	0.049 0.030 0.038 0.049 0.059	3.21 3.55 4.40 4.11 4.45	10.7 11.0 10.5 10.7 12.4	20.2 22.1 24.1 26.5 28.2	0.97 1.06 1.10 1.19 1.33	1080 1160 1200 1540 1770	4.84 8.66 18.75 54.3 9.19	1.67 1.55 1.10 0.46 0.39	7.2 7.1 6.8 6.0 6.8	1.0 1.2 22.4 55.6 47.5	1320 1350 1320 1330 1330
\$029780 \$029781 \$029782 \$029783 \$029784		0.13 4.18 3.95 4.50 3.66	0.36 18.95 18.15 15.90 16.30	0.07 0.16 0.17 0.15 0.18	<0.1 1.7 1.9 1.8 1.7	<0.005 0.092 0.079 0.083 0.063	0.04 4.14 4.18 3.82 4.42	1.2 11.5 6.9 7.1 12.1	1.7 19.7 16.7 22.5 24.0	2.50 1.01 0.81 1.31 1.43	133 1740 1180 1700 1300	0.22 12.05 20.0 11.05 9.23	0.03 0.04 0.20 1.83 1.37	0.1 6.9 6.0 6.0	0.5 34.3 36.6 47.6 29.2	70 1380 1190 1380 1040
\$029785		3.95	16.25	0.17	1.7	0.051	4.64	12.6	19.7	1.25	1500	12.40	0.35	6.8	30.2	1130
\$029786		3.97	17.25	0.19	1.7	0.060	5.19	9.1	19.6	1.22	1250	6.37	0.24	6.6	34.3	1250
\$029786CD		3.83	17.80	0.16	1.8	0.056	5.26	9.0	20.0	1.15	1220	6.81	0.25	6.7	34.8	1210
\$029787		4.50	15.45	0.19	1.4	0.061	5.20	11.6	23.6	1.24	1480	9.70	0.43	8.0	19.3	1310
\$029788		4.52	15.25	0.18	1.1	0.026	4.75	10.7	20.5	1.01	1040	6.48	0.43	7.8	13.4	1540



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA201	98680	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$029751		17.1	134.0	0.121	2.73	1.68	12.4	6	1.1	328	0.33	<0.05	3.43	0.351	2.27	1.7
\$029752		20.0	126.5	0.040	2.70	1.64	15.8	9	1.7	260	0.44	<0.05	3.26	0.375	2.33	2.3
\$029753		28.6	124.5	0.018	2.82	1.34	14.9	11	1.6	276	0.33	<0.05	3.17	0.387	2.02	2.0
\$029754		28.2	114.0	0.022	2.88	0.97	14.0	11	1.4	273	0.31	<0.05	3.34	0.392	1.70	1.5
\$029755		18.2	119.5	0.017	2.21	1.15	13.1	9	1.5	239	0.28	<0.05	3.26	0.390	1.64	1.6
S029756 S029757 S029758 S029759 S029760		25.2 23.2 23.4 53.8 0.8	142.5 111.0 112.5 110.0 0.9	0.017 0.017 0.017 0.039 0.023 <0.002	2.24 1.90 2.71 2.50 0.02	1.13 1.19 1.03 1.44 1.29 <0.05	12.5 14.2 14.4 12.8 0.2	10 9 11 11	1.2 1.4 1.4 1.6 <0.2	300 247 327 302 85.5	0.28 0.29 0.36 0.34 <0.05	<0.05 <0.05 <0.05 <0.05 <0.05	3.12 3.07 3.25 3.19 0.06	0.391 0.373 0.366 0.363 0.006	2.03 1.79 2.37 2.05 0.03	1.8 2.3 2.9 2.6 0.1
\$029761		20.4	92.9	0.015	1.93	1.09	13.1	10	1.4	318	0.35	<0.05	3.25	0.364	1.65	2.0
\$029762		19.4	96.1	0.028	1.95	1.28	13.3	9	1.3	319	0.36	<0.05	3.61	0.366	1.56	2.3
\$029763		28.8	142.0	0.109	2.06	1.43	16.3	12	1.3	288	0.38	<0.05	4.37	0.400	2.06	2.8
\$029764		26.8	137.5	0.009	1.59	1.40	14.3	9	1.4	223	0.36	<0.05	3.59	0.380	1.92	1.9
\$029765		24.8	127.0	0.008	1.64	1.52	14.1	11	1.2	280	0.39	<0.05	3.53	0.391	1.92	2.1
\$029766		30.1	135.0	0.008	2.46	1.81	16.6	13	1.3	245	0.37	<0.05	3.40	0.387	2.13	2.1
\$029766CD		28.8	143.5	0.009	2.52	1.77	16.7	13	1.3	245	0.36	<0.05	3.76	0.384	2.11	2.2
\$029767		37.8	146.0	0.013	4.03	2.29	12.4	15	1.2	222	0.30	<0.05	3.07	0.307	2.06	2.9
\$029768		22.7	159.5	0.040	2.12	3.00	11.0	8	0.7	141.5	0.33	<0.05	2.88	0.236	1.97	3.6
\$029769		14.7	143.5	0.076	2.45	2.30	12.9	11	1.1	158.5	0.38	<0.05	3.58	0.337	2.28	4.8
\$029770		50.3	131.0	<0.002	4.18	34.6	13.3	6	1.8	140.0	0.31	0.27	2.42	0.303	2.08	0.9
\$029771		18.2	165.0	0.097	2.58	2.45	15.6	13	2.1	230	0.36	<0.05	3.54	0.333	2.20	6.0
\$029772		25.4	133.0	0.046	2.55	1.91	15.1	10	1.3	288	0.37	<0.05	3.84	0.355	1.83	5.4
\$029773		34.8	144.0	0.029	2.30	2.29	14.5	13	0.9	212	0.39	<0.05	2.49	0.345	1.81	2.7
\$029774		16.1	133.0	0.120	2.24	1.81	11.3	12	0.6	209	0.38	<0.05	2.44	0.392	1.69	1.3
\$029775		16.1	133.5	0.023	2.70	2.06	12.2	14	0.7	208	0.39	<0.05	2.34	0.368	2.19	1.2
\$029776		23.7	126.5	0.052	2.17	2.09	11.9	10	0.8	196.5	0.40	<0.05	2.42	0.380	2.18	1.3
\$029777		21.3	130.0	0.026	2.57	2.39	13.9	10	1.0	206	0.40	<0.05	3.07	0.363	2.42	2.7
\$029778		17.9	118.5	0.047	2.87	3.40	14.0	13	1.2	136.5	0.37	<0.05	3.04	0.350	2.24	4.8
\$029779		35.4	113.0	0.021	5.39	6.28	14.2	24	1.2	154.5	0.41	<0.05	3.20	0.384	2.53	3.7
\$029780		<0.5	1.4	<0.002	0.02	0.06	0.2	1	<0.2	80.2	<0.05	<0.05	0.08	0.006	0.03	0.2
\$029781		21.5	129.5	0.014	3.47	5.48	13.8	11	1.4	151.0	0.39	<0.05	2.44	0.303	2.82	3.9
\$029782		14.7	145.0	0.038	3.30	4.68	14.6	12	1.7	123.0	0.37	0.10	2.71	0.313	2.80	3.2
\$029783		13.2	97.6	0.051	2.41	1.94	14.2	15	2.3	331	0.35	0.05	2.51	0.320	1.91	2.2
\$029784		18.5	117.0	0.029	1.91	2.12	15.5	12	1.6	367	0.39	<0.05	2.88	0.318	2.21	1.9
\$029785		9.6	148.0	0.056	2.38	2.77	13.8	14	1.5	334	0.43	0.06	4.43	0.280	2.38	3.4
\$029786		9.8	135.0	0.026	2.32	2.59	16.1	13	1.7	256	0.39	0.05	2.48	0.316	2.72	2.6
\$029786CD		11.2	115.5	0.031	2.24	2.57	16.2	13	1.7	259	0.41	<0.05	2.64	0.316	2.91	2.7
\$029787		13.8	114.0	0.038	2.72	2.15	14.7	16	1.9	258	0.46	0.05	1.86	0.298	2.76	2.0
\$029788		13.4	174.0	0.024	2.75	1.76	22.9	18	1.5	147.0	0.44	<0.05	1.86	0.307	2.91	1.6



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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
S029751 S029752 S029753 S029754		125 158 157 150	3.4 3.2 2.6 2.6	15.6 18.6 17.7 17.9	62 92 105 98	48.4 56.6 54.4 42.5					23.7 22.8 22.7 22.7	0.5 0.4 0.4 0.4	119 100 116 107	
S029755 S029756		150 132	3.0	16.6 18.3	88 76	39.5 42.5					22.8 24.1	0.4	117	
\$029757 \$029758 \$029759 \$029760		146 158 164 2	2.8 2.4 2.5 <0.1	20.2 20.9 17.8 2.1	95 109 225 3	52.6 58.9 53.2 1.6					23.3 21.9 22.8 2.2	0.4 0.5 0.5 <0.1	106 118 128 6	
\$029761 \$029762 \$029763 \$029764 \$029765		132 139 159 138 139	3.1 2.8 2.9 2.3 2.6	15.4 16.7 19.6 18.8 21.3	96 88 87 150 99	44.2 50.9 56.5 46.9 53.4					24.1 24.2 24.5 24.2 24.4	0.5 0.4 0.5 0.4	123 118 121 123 125	
S029766 S029766CD S029767 S029768		163 160 141 165	3.6 3.3 3.6 4.6	21.5 22.0 21.0 17.4	128 126 100 72	49.8 50.1 51.2 51.6					23.6 21.6 20.9 24.8	0.4 0.4 0.4 0.3	108 110 93 70	
\$029769 \$029770 \$029771 \$029772		274 141 335 309	3.5 2.3 2.0 2.5	8.7 21.3 17.6	115 202 122 168	74.2 32.7 78.1 65.0					24.0 32.4 21.1 22.0 22.6	0.4 0.4 0.4 0.4	79 97 96	
\$029773 \$029774 \$029775 \$029776		227 117 112 114	2.9 2.5 2.8 2.6	19.3 19.0 18.7 21.4	125 80 77 92	56.1 44.4 48.2 41.8					23.6 23.7 23.4	0.4 0.4 0.4 0.4	98 121 124 131	
S029776 S029777 S029778 S029779		183 300 211	2.8 4.0 5.6	19.4 19.7 19.6	146 240 195	59.1 66.2 62.3					23.4 23.4 21.4 19.8	0.4 0.5 0.4	106 92 104	
\$029780 \$029781 \$029782 \$029783 \$029784		2 298 258 227 133	<0.1 4.0 4.0 3.1 1.6	2.1 15.2 12.3 10.7 21.9	4 138 214 163 185	1.7 57.3 61.9 57.2 52.5					3.4 22.0 25.6 23.7 23.8	0.1 0.4 0.4 0.4 0.4	7 77 84 82 116	
S029785 S029786 S029786CD S029787 S029788		151 189 187 154 198	2.2 2.3 2.3 2.6 5.7	19.5 19.2 18.6 18.5 15.4	172 193 207 146 104	51.4 55.4 55.7 46.8 31.9					20.8 22.0 22.9 22.9 25.7	0.4 0.4 0.4 0.4 0.4	87 83 87 78 55	



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**CERTIFICATE OF ANALYSIS VA20198680** 

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Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029789		6.14	0.421	0.54	6.49	7.6	1030	0.84	0.16	3.11	0.25	17.00	18.8	20	8.55	53.1
\$029790		0.16	2.99	>100	3.52	2260	520	0.75	19.55	1.27	61.3	17.55	20.5	36	1.14	>10000
\$029791		5.66	0.260	0.74	6.66	8.6	1210	0.88	0.13	3.32	0.23	16.35	14.0	16	8.99	53.0
\$029792		5.28	0.273	1.59	6.66	15.9	1470	0.88	0.07	3.54	2.11	12.55	11.7	9	9.46	111.5
\$029793		6.06	0.352	1.18	7.32	22.3	1120	0.97	0.06	2.98	2.85	11.65	12.5	7	9.45	120.5
\$029794		5.50	0.374	1.80	7.92	36.0	490	0.93	0.08	3.94	0.38	15.70	19.1	7	10.75	145.5
\$029795		5.46	0.207	0.92	8.02	27.1	1130	1.01	0.07	3.64	0.19	16.70	14.3	6	11.80	94.1
\$029796		5.90	0.484	1.69	7.59	55.7	550	0.90	0.08	3.82	0.20	16.45	15.9	9	11.60	110.5
\$029797		6.38	0.169	2.05	8.00	56.1	960	1.07	0.08	3.41	1.30	12.70	14.8	10	13.45	142.5
\$029798		6.44	0.014	0.81	7.74	13.7	2080	0.80	0.07	4.63	0.18	12.70	15.1	11	8.67	122.0
\$029799		6.10	0.009	0.60	7.71	7.4	1350	0.67	0.07	4.42	0.17	13.25	17.5	10	5.83	122.5
\$029800		0.80	<0.005	0.11	0.09	0.8	20	<0.05	0.01	33.8	0.04	0.98	0.7	1	0.07	6.8
\$029801		6.26	0.008	0.53	7.43	10.1	1420	0.72	0.06	3.29	0.14	11.00	17.9	10	5.89	102.5
\$029802		7.06	0.007	0.36	7.27	5.9	2020	0.64	0.07	3.27	0.17	9.20	16.4	9	4.17	89.7
\$029803		6.12	0.009	0.45	7.79	8.3	1560	0.76	0.10	3.61	0.25	10.10	24.0	8	4.62	117.0
\$029804		4.80	0.006	0.32	7.37	8.3	2010	0.66	0.10	3.26	0.21	11.10	17.2	9	3.86	108.5
\$029805		5.84	0.005	0.24	7.46	6.9	1890	0.65	0.09	3.46	0.22	11.20	17.4	12	3.29	77.1
\$029806		6.16	0.007	0.24	7.63	8.1	2190	0.64	0.06	4.31	0.24	12.65	18.5	11	3.36	71.9
\$029806CD		<0.02	0.006	0.26	7.61	9.1	1840	0.64	0.07	4.53	0.26	15.20	19.4	11	3.39	73.2
\$029807		6.46	0.005	0.28	7.38	7.9	2220	0.73	0.07	3.77	0.27	14.40	18.8	12	3.91	79.4
\$029808		4.08	0.006	0.27	7.40	7.2	680	0.65	0.11	4.12	0.28	13.10	21.0	11	4.11	90.7
\$029809		3.02	0.008	0.24	7.42	10.4	1370	0.92	0.05	5.10	0.21	14.05	16.7	11	7.45	104.5
\$029810		0.16	5.65	82.3	6.16	315	410	1.07	1.15	2.04	22.1	24.1	11.6	23	7.74	120.5
\$029811		1.20	0.012	0.34	6.99	12.0	580	1.16	0.06	4.45	0.20	16.20	27.6	13	8.47	111.0
\$029812		2.80	0.012	0.21	7.91	8.3	1090	1.26	0.07	4.06	0.19	12.15	18.4	12	7.48	101.0
\$029813		5.98	0.057	0.19	7.88	6.0	1120	0.72	0.06	3.43	0.29	15.70	18.7	12	3.64	80.1
\$029814		5.50	0.005	0.21	7.94	6.5	1630	0.64	0.04	3.02	0.11	15.90	17.8	14	3.19	75.4
\$029815		6.52	0.005	0.18	7.92	5.7	1160	0.66	0.04	3.28	0.13	16.85	18.0	12	2.96	69.2
\$029816		6.38	0.006	0.19	7.42	6.5	1480	0.72	0.03	3.80	0.13	15.85	19.5	12	3.54	65.8
\$029817		5.00	0.008	0.24	7.34	8.8	700	0.71	0.05	4.46	0.15	20.5	20.9	14	3.64	52.3
\$029818		6.06	0.006	0.29	7.51	7.8	900	0.71	0.04	4.29	0.15	15.05	17.9	12	4.89	112.0
\$029819		1.72	0.007	0.41	7.29	12.6	310	0.77	0.06	4.78	0.19	14.80	25.3	10	5.87	80.4
\$029820		1.08	<0.005	0.01	0.11	<0.2	30	0.08	0.01	33.4	<0.02	1.07	0.8	1	0.06	3.2
\$029821		3.90	0.012	0.37	7.56	17.4	620	0.77	0.06	5.50	0.13	18.05	16.5	12	6.32	115.5
\$029822		6.90	0.043	0.37	7.31	68.2	780	0.97	0.04	5.35	0.19	15.70	16.6	11	7.64	62.0
\$029823		6.10	0.200	0.60	6.77	632	830	0.84	0.04	6.92	0.35	16.80	15.0	12	7.17	75.4
\$029824		7.30	0.119	0.24	7.11	62.1	1330	0.85	0.03	6.79	0.28	17.15	15.7	13	6.83	62.6
\$029825		3.94	<0.005	0.27	7.62	11.4	730	0.73	0.04	4.75	0.37	15.40	18.0	19	5.34	63.0
\$029826		5.78	0.177	1.59	6.92	95.9	1010	0.90	0.04	4.79	11.30	21.5	17.3	20	4.88	74.6
\$029826CD		<0.02	0.201	1.57	6.83	94.4	1020	0.97	0.03	4.57	10.85	20.0	17.4	16	4.97	71.2



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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029789		5.15	12.10	0.16	0.7	0.025	3.39	9.5	22.8	1.03	1000	3.62	0.25	7.5	9.5	2150
\$029790		9.51	8.13	0.12	1.1	0.485	0.75	8.1	9.7	0.66	5080	52.3	1.06	2.0	30.1	330
\$029791		4.61	12.55	0.12	0.9	0.024	3.52	8.5	25.0	1.19	949	1.72	0.05	8.0	9.0	2220
\$029792		4.42	13.85	0.13	0.9	0.027	3.66	6.7	28.0	1.42	1120	3.63	0.06	7.8	4.8	1810
\$029793		4.56	16.60	0.17	0.7	0.039	4.14	6.3	29.7	1.52	1030	3.45	0.12	8.7	4.4	1960
\$029794 \$029795 \$029796 \$029797 \$029798		5.60 5.25 4.95 4.42 4.73	18.20 17.25 16.60 16.50 16.75	0.19 0.17 0.17 0.14 0.14	0.9 0.7 0.8 0.9	0.031 0.033 0.036 0.077 0.224	4.65 3.93 4.15 4.21 3.63	8.3 9.2 8.8 6.8 6.2	30.3 36.4 30.7 28.1 33.2	1.53 1.89 1.55 1.38 1.79	1240 1250 1140 931 1180	4.17 0.98 0.69 1.65 0.33	0.04 0.03 0.03 0.07 1.28	9.9 9.4 9.0 8.4 6.2	5.6 4.9 6.2 6.1 8.0	2210 2030 1840 1700 1990
\$029799		5.30	15.35	0.13	0.7	0.225	3.11	6.6	32.2	1.86	1170	0.33	2.06	5.7	8.0	1870
\$029800		0.12	0.29	0.09	<0.1	0.005	0.02	1.2	1.3	2.70	135	0.11	0.04	0.1	0.3	80
\$029801		5.21	16.45	0.12	0.7	0.224	3.41	5.5	29.2	1.87	1050	0.53	1.81	6.0	8.8	1820
\$029802		4.74	14.25	0.10	0.7	0.209	3.24	4.6	26.0	1.80	1020	0.32	2.17	5.4	7.5	1750
\$029803		5.69	17.65	0.13	0.6	0.284	2.96	4.9	32.7	2.20	1180	0.39	2.66	5.8	9.8	1940
\$029804 \$029805 \$029806 \$029806CD \$029807		5.40 5.71 5.53 5.51 5.18	15.85 16.00 14.50 14.60 15.40	0.13 0.13 0.11 0.11 0.12	0.8 0.7 0.6 0.8	0.278 0.273 0.277 0.298 0.268	3.12 3.26 2.93 2.95 3.21	5.2 5.4 6.3 7.2 7.0	33.8 33.9 32.5 33.3 31.3	2.26 2.30 2.37 2.40 2.12	1220 1290 1300 1300 1150	0.30 0.41 0.34 0.32 0.40	2.35 2.29 2.24 2.21 2.20	5.6 6.1 5.7 5.9 6.2	8.5 8.9 8.9 9.1 9.1	1940 1860 1770 1740 1820
\$029808		5.73	15.55	0.14	0.7	0.236	3.51	6.5	30.3	2.01	1170	0.36	2.04	6.1	9.0	1800
\$029809		4.37	15.35	0.07	0.7	0.276	4.18	6.5	25.2	1.67	984	0.41	1.33	5.9	9.9	1810
\$029810		4.83	13.50	0.07	1.2	1.425	3.80	12.2	12.7	0.47	1220	9.52	0.23	5.8	16.9	980
\$029811		6.37	15.85	<0.05	0.9	0.249	2.74	9.3	27.4	1.60	914	0.75	0.66	5.6	13.1	1630
\$029812		5.12	17.45	0.08	0.9	0.330	4.11	5.4	28.8	1.89	1040	0.45	1.65	6.7	9.9	2000
\$029813		5.36	15.05	0.06	0.6	0.211	3.66	7.3	27.9	2.05	1210	0.67	2.43	5.8	9.4	1860
\$029814		4.96	14.90	0.07	0.7	0.185	3.48	7.8	27.9	2.06	1240	0.91	2.45	6.1	8.9	1850
\$029815		5.23	15.10	0.09	0.7	0.190	3.62	8.6	28.8	2.03	1320	0.83	2.31	5.9	9.6	1800
\$029816		5.23	15.75	0.08	0.7	0.187	3.55	7.8	27.1	1.86	1220	0.67	2.26	6.3	9.3	1850
\$029817		5.78	15.15	0.09	0.7	0.216	3.61	11.1	26.2	1.74	1030	0.59	2.02	6.3	10.6	1810
\$029818		4.90	15.45	0.10	0.7	0.205	3.57	7.1	20.9	1.43	854	0.57	2.03	6.6	8.7	1830
\$029819		5.97	15.70	0.08	0.6	0.265	3.57	6.9	23.1	1.67	970	0.59	1.44	6.2	12.0	1740
\$029820		0.14	0.37	<0.05	<0.1	<0.005	0.03	1.3	1.3	2.88	144	0.11	0.04	0.1	0.8	80
\$029821		5.48	15.30	0.07	0.6	0.205	3.85	9.4	21.9	1.62	1100	0.60	1.27	6.7	8.9	1800
\$029822		4.85	15.20	0.05	0.7	0.203	4.48	7.9	14.1	1.50	1180	0.41	0.33	6.2	8.2	1670
\$029823 \$029824 \$029825 \$029826 \$029826CD		4.64 4.40 4.90 4.92 4.82	13.20 14.25 14.55 13.50 13.55	<0.05 0.05 0.05 0.05 0.06	0.6 0.7 0.6 0.7	0.184 0.170 0.246 0.204 0.199	4.26 4.20 4.64 3.63 3.59	8.7 9.3 7.2 11.3 10.8	9.4 9.0 13.1 10.9 10.7	1.41 1.57 1.90 1.75 1.69	1760 1530 1240 1440 1360	0.54 0.72 1.23 1.17 0.92	0.15 0.44 1.12 0.43 0.39	5.5 5.4 5.4 4.8 4.7	8.6 9.4 11.6 9.3 9.5	1500 1580 1730 1560 1530



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20198680** 

Page: 3 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 21-SEP-2020 Account: PREBOW

								<u></u>			CAILO	I ANAI		<b>V/ (201</b>	30000	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$029789 \$029790 \$029791 \$029792 \$029793		16.8 >10000 39.3 113.5	150.5 24.8 154.5 156.0	0.010 0.026 0.005 0.018	3.16 3.72 2.33 2.36	1.99 1860 3.05 3.74	21.6 6.9 20.1 22.1	16 3 12 16 16	1.3 2.4 1.2 1.2 1.4	113.0 130.0 114.5 131.5	0.42 0.12 0.45 0.42	0.07 0.56 <0.05 <0.05 <0.05	1.92 2.40 2.13 1.97 1.77	0.302 0.146 0.284 0.244	2.24 0.85 2.37 2.47	0.9 2.5 1.1 1.1
5029795 5029794 5029795 5029796 5029797 5029798		65.2 37.9 21.1 20.4 87.7 47.0	140.0 156.0 168.5 149.0 161.5 106.0	0.022 0.051 0.002 0.002 0.013 0.010	2.08 3.87 3.05 3.36 2.96 1.72	3.45 4.19 3.52 3.97 5.04 2.01	25.7 27.6 27.5 23.1 21.4 27.8	20 16 17 11 7	1.3 1.6 1.5 1.4 2.0	111.0 140.0 124.5 123.5 103.0 289	0.44 0.52 0.48 0.47 0.42 0.32	0.05 0.06 <0.05 <0.05 <0.05 <0.05	1.77 1.88 1.98 1.74 1.95 1.27	0.260 0.299 0.274 0.270 0.264 0.342	3.00 3.72 3.18 3.56 3.35 2.90	1.0 1.0 0.9 1.0 1.2 0.8
\$029799 \$029800 \$029801 \$029802 \$029803		49.7 8.5 47.6 48.4 51.4	84.7 0.7 85.0 68.4 61.8	<0.002 0.002 <0.002 0.003 0.004	2.17 0.01 2.06 1.76 2.51	1.37 0.33 1.47 1.03 1.36	27.5 0.3 26.4 24.1 26.9	7 1 6 6 8	1.8 <0.2 2.0 1.4 1.6	324 81.9 325 337 374	0.30 <0.05 0.30 0.26 0.30	<0.05 <0.05 <0.05 <0.05 <0.05	1.15 0.07 1.05 1.00 0.88	0.330 0.006 0.327 0.309 0.331	2.20 0.03 2.47 2.19 2.15	0.6 0.1 0.5 0.5
S029804 S029805 S029806 S029806CD S029807		41.2 46.7 46.3 50.9 52.8	55.4 58.1 67.8 73.2 67.7	0.003 <0.002 0.002 0.002 0.002	1.93 2.02 2.11 2.13 1.90	1.33 1.03 1.10 1.18 1.35	25.8 26.6 26.0 26.5 26.7	5 6 6 5 5	1.6 1.4 1.3 1.3	328 323 341 344 330	0.31 0.31 0.28 0.31 0.33	<0.05 0.05 <0.05 <0.05 <0.05	0.92 1.02 1.19 1.30 1.21	0.323 0.347 0.328 0.324 0.336	2.21 2.27 1.92 1.89 2.10	0.5 0.5 0.6 0.6 0.6
\$029808 \$029809 \$029810 \$029811 \$029812		61.0 52.6 9050 30.2 35.5	75.5 109.0 156.0 123.5 112.0	<0.002 0.003 0.005 0.027 0.009	2.51 1.91 3.07 4.19 2.34	1.31 2.21 78.8 3.28 2.23	27.4 25.2 11.7 24.2 28.1	5 4 3 7 4	1.0 0.9 3.8 1.0 1.1	340 268 148.0 158.5 276	0.33 0.31 0.33 0.27 0.36	<0.05 <0.05 0.26 <0.05 <0.05	1.25 1.22 3.34 1.39 1.37	0.332 0.334 0.260 0.312 0.378	2.19 2.31 2.93 1.69 2.45	0.6 0.9 1.9 1.5
\$029813 \$029814 \$029815 \$029816 \$029817		51.6 47.3 54.5 57.1 74.1	88.2 88.1 95.6 87.5 105.0	0.002 <0.002 <0.002 <0.002 <0.002	2.21 1.68 1.69 2.01 2.77	1.20 1.03 0.96 1.37 1.78	27.5 26.4 27.5 28.7 28.7	6 5 5 6 9	1.1 1.1 0.9 0.9 0.8	344 314 319 314 306	0.31 0.30 0.31 0.32 0.31	<0.05 <0.05 <0.05 <0.05 0.05	1.26 1.41 1.48 1.44 1.55	0.344 0.339 0.327 0.342 0.344	1.98 1.82 1.97 1.93 2.04	0.7 0.7 0.7 0.8 0.9
\$029818 \$029819 \$029820 \$029821 \$029822		51.6 70.6 1.2 41.8 38.1	105.5 109.0 1.1 138.0 171.0	<0.002 <0.002 <0.002 <0.002 <0.002	2.42 3.75 0.02 2.71 2.81	2.68 4.99 0.09 4.29 5.29	26.0 24.6 0.3 26.4 24.2	8 10 1 10 8	0.8 0.9 <0.2 0.8 0.8	263 250 75.1 225 195.5	0.33 0.32 <0.05 0.34 0.32	<0.05 0.05 <0.05 <0.05 <0.05	1.31 1.27 0.07 1.47 1.43	0.337 0.322 0.006 0.334 0.313	2.12 2.17 0.03 2.46 2.83	0.7 0.7 0.2 0.7 0.9
S029823 S029824 S029825 S029826 S029826CD		32.0 34.2 53.1 443 421	174.5 176.5 154.5 134.0 134.5	<0.002 <0.002 <0.002 <0.002 <0.002	2.68 2.16 2.38 2.69 2.67	28.3 7.54 8.29 33.9 33.7	22.8 22.6 24.8 23.6 24.2	8 7 7 7 6	0.8 0.8 1.0 0.9	229 288 343 481 460	0.28 0.27 0.27 0.24 0.24	<0.05 <0.05 <0.05 <0.05 <0.05	1.31 1.35 1.12 1.13 1.15	0.291 0.314 0.353 0.307 0.302	2.58 2.49 2.57 1.80 1.80	0.8 0.9 0.8 0.7 0.8



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**CERTIFICATE OF ANALYSIS VA20198680** 

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											CAILO	1 / 114/ 12	-1313	VA20196060
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$029789 \$029790 \$029791 \$029792 \$029793		213 52 235 216 255	5.4 0.7 3.1 2.4 2.0	13.7 8.8 13.4 11.7 9.4	100 >10000 110 238 228	22.9 36.3 27.7 37.4 19.5	395	1.745	3.97	1.060	25.7 23.8 27.0 25.5 24.2	0.3 0.2 0.3 0.3	50 73 50 40 38	
\$029794 \$029795 \$029796 \$029797 \$029798		270 239 242 207 240	2.2 1.9 2.0 3.0 1.6	10.6 11.9 10.8 10.6 13.7	118 125 103 194 89	26.9 23.1 27.9 27.7 23.7					22.5 24.2 23.7 25.3 21.7	0.4 0.4 0.3 0.3 0.4	42 37 45 47 53	
\$029799 \$029800 \$029801 \$029802 \$029803		237 2 236 217 246	1.1 <0.1 1.4 0.6 0.7	13.4 2.4 12.0 11.0 12.2	83 7 84 74 87	21.0 1.4 18.7 19.4 20.3					21.2 3.8 21.8 22.1 20.5	0.4 <0.1 0.4 0.5 0.4	50 7 52 55 59	
\$029804 \$029805 \$029806 \$029806CD \$029807		227 252 232 228 234	0.7 0.7 0.8 0.9 0.9	12.4 13.1 13.4 14.1 13.3	89 87 81 80 71	21.0 21.9 21.0 21.5 22.4					21.7 21.2 20.7 21.2 21.9	0.5 0.5 0.4 0.4 0.5	56 53 53 51 53	
\$029808 \$029809 \$029810 \$029811 \$029812		237 240 125 307 323	1.1 1.1 4.0 1.3 1.5	13.1 12.6 9.8 13.4 12.5	72 66 1920 66 74	21.7 23.8 46.4 27.4 33.5					20.7 20.5 27.0 23.4 19.7	0.4 0.5 0.4 0.3 0.5	57 58 80 46 61	
\$029813 \$029814 \$029815 \$029816 \$029817		244 236 230 244 243	1.0 1.5 1.0 1.3 1.3	13.6 11.4 12.3 10.4 10.2	76 74 76 70 59	22.1 24.6 24.0 24.6 23.7					21.8 22.4 21.1 20.9 19.4	0.5 0.5 0.5 0.4 0.5	55 53 53 54 53	
\$029818 \$029819 \$029820 \$029821 \$029822		235 250 3 211 209	1.3 1.4 <0.1 1.6 2.2	8.8 9.0 2.2 10.8 12.2	53 63 5 57 54	23.0 23.7 1.7 22.2 24.1					22.0 21.3 2.8 20.7 21.5	0.5 0.4 <0.1 0.4 0.4	58 56 <5 53 57	
\$029823 \$029824 \$029825 \$029826 \$029826CD		190 198 208 201 199	1.7 2.0 2.0 6.8 6.8	17.9 15.3 12.1 12.2 11.8	55 57 74 1160 1100	22.1 26.9 21.1 20.4 19.8					21.5 20.8 21.9 22.9 21.8	0.4 0.4 0.4 0.4 0.3	43 51 53 48 54	



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**CERTIFICATE OF ANALYSIS VA20198680** 

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Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61							
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029827		2.86	0.024	0.79	7.12	55.0	1290	1.02	0.03	4.40	3.93	13.30	15.3	15	5.74	44.5
\$029828		6.34	0.032	0.58	6.99	57.4	1360	0.94	0.04	4.58	0.61	15.45	15.5	15	6.26	50.5
\$029829		4.96	0.008	0.51	7.34	19.2	1460	0.90	0.03	4.26	0.21	14.20	17.0	14	7.08	91.9
\$029830		0.12	1.205	29.7	5.93	403	750	1.36	0.91	0.67	1.61	29.1	14.8	18	8.02	111.5
\$029831		5.36	0.042	0.28	6.97	64.6	420	0.90	0.05	5.39	0.19	13.60	18.2	13	5.96	83.4
\$029832		5.96	0.071	0.35	7.07	63.0	610	0.91	0.04	6.63	0.20	17.65	17.2	12	6.28	78.2
\$029833		6.30	0.009	0.45	6.97	18.6	560	0.85	0.05	5.53	0.32	16.10	20.1	15	6.32	124.5
\$029834		5.64	0.005	0.21	8.06	6.3	1300	0.79	0.04	3.88	0.22	16.15	17.1	18	4.25	78.8
\$029835		5.52	0.006	0.27	7.70	9.2	540	0.73	0.05	4.33	0.32	15.40	21.4	17	3.53	65.2
\$029836		4.86	<0.005	0.22	7.50	10.1	1490	0.72	0.04	4.27	0.62	14.60	18.5	21	3.66	83.1
\$029837		6.62	0.010	0.56	7.39	18.7	1210	0.82	0.04	4.59	2.52	12.60	17.8	19	3.77	72.8
\$029838		2.90	0.010	0.74	7.33	16.0	1030	0.73	0.05	4.23	11.20	11.55	20.9	35	3.91	102.0
\$029839		5.94	0.005	0.22	7.25	6.6	920	1.04	0.04	4.88	0.55	14.65	18.7	18	3.35	76.4
\$029840		1.02	<0.005	<0.01	0.12	<0.2	40	0.09	0.01	35.5	0.03	1.05	0.9	2	<0.05	2.0
\$029841		5.66	0.005	0.22	7.35	5.9	300	0.68	0.06	4.18	0.48	16.05	23.0	2	2.39	74.3
\$029842		6.22	0.006	0.27	7.51	4.8	650	0.73	0.05	3.89	0.50	15.45	21.1	23	2.36	124.5
\$029843		5.96	<0.005	0.21	7.70	4.1	1270	0.72	0.04	3.22	0.27	14.65	20.6	13	1.94	99.9
\$029844		6.96	<0.005	0.29	7.61	4.6	1770	0.81	0.04	3.02	0.39	12.95	18.8	22	2.21	105.0
\$029845		5.64	0.006	0.33	7.68	5.3	980	0.73	0.07	3.61	0.47	13.95	20.2	22	2.02	126.0
\$029846		6.80	0.006	0.38	8.12	5.6	830	0.82	0.10	3.82	0.55	13.75	21.4	21	2.55	125.5
\$029846CD		<0.02	0.006	0.36	7.66	6.0	760	0.84	0.09	3.89	0.43	12.20	21.5	20	2.39	119.5
\$029847		7.02	0.006	0.34	8.34	4.7	1380	0.95	0.06	3.65	0.30	12.25	22.9	21	2.78	84.7
\$029848		5.82	0.019	0.35	7.86	6.4	820	0.75	0.09	4.35	0.26	14.15	20.6	24	2.61	95.1
\$029849		6.48	0.008	0.34	7.85	7.4	730	0.77	0.08	3.69	0.48	14.45	21.0	23	2.33	93.8
\$029850		0.16	0.968	12.40	6.11	300	430	1.17	0.18	3.69	4.59	24.4	11.2	26	7.15	84.2



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**CERTIFICATE OF ANALYSIS VA20198680** 

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								<u> </u>			C/ 11 L O	7 (1 47 (1			30000	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61						
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$029827		4.40	15.15	0.06	0.6	0.190	4.22	5.7	10.8	1.57	1240	0.64	0.22	5.9	9.7	1730
\$029828		4.36	14.95	0.08	0.6	0.189	3.90	7.1	10.2	1.49	1120	0.65	0.58	5.9	8.3	1730
\$029829		4.30	16.20	0.07	0.8	0.192	4.17	6.8	8.4	1.51	1040	0.46	0.84	6.6	9.9	1850
\$029830		4.51	12.90	0.05	0.9	0.036	2.74	14.4	10.6	0.37	229	4.58	0.19	5.5	14.5	1300
\$029831		5.32	14.60	0.05	0.6	0.190	4.34	6.1	9.3	1.52	1120	0.64	0.42	5.8	9.6	1640
\$029832		4.77	14.05	0.07	0.7	0.179	4.63	9.2	7.5	1.26	1260	0.46	0.29	6.0	9.8	1650
\$029833		5.39	14.90	0.06	0.6	0.280	4.29	8.8	6.5	1.33	1110	0.93	0.66	5.9	11.0	1620
\$029834		4.72	15.55	0.07	0.8	0.231	4.35	7.2	15.4	1.41	1080	1.69	2.60	6.6	10.2	1920
\$029835		5.59	14.95	0.09	0.7	0.218	3.49	7.0	18.8	1.93	1270	0.81	2.44	5.9	12.2	1790
\$029836		5.08	15.05	0.06	0.5	0.232	3.40	6.6	7.6	1.98	1240	0.68	2.29	5.4	12.6	1710
\$029837		5.17	14.35	0.07	0.5	0.213	3.07	5.8	4.8	1.96	1310	0.56	1.98	5.1	13.4	1660
\$029838		5.29	14.25	0.06	0.4	0.159	3.09	5.2	7.6	1.70	1200	0.83	2.19	4.6	15.2	1560
\$029839		5.34	17.25	0.05	0.6	0.190	2.54	6.3	25.1	1.89	1280	0.85	2.70	5.2	12.2	1660
\$029840		0.11	0.35	<0.05	0.1	<0.005	0.03	1.2	1.1	1.81	121	0.15	0.05	0.2	0.8	80
\$029841		5.85	14.00	0.05	0.5	0.194	3.23	6.7	26.0	1.82	1160	0.75	2.68	5.2	15.8	1680
S029842		5.59	14.30	0.05	0.6	0.211	3.24	6.6	27.8	1.90	1300	0.51	2.83	5.0	14.2	1760
S029843		5.46	14.90	<0.05	0.6	0.219	2.53	6.3	30.6	2.16	1870	0.53	3.09	5.1	11.6	1940
S029844		5.12	15.45	0.12	0.6	0.209	2.68	5.6	33.5	2.07	1760	0.62	3.04	5.3	13.4	1820
S029845		5.51	16.05	0.12	0.6	0.217	3.14	6.1	35.6	1.91	1540	0.52	3.09	5.4	14.9	1750
S029846		5.85	16.90	0.12	0.5	0.206	3.71	5.9	39.5	2.00	1690	0.50	3.02	5.4	14.3	1820
S029846CD		5.85	16.85	0.11	0.5	0.204	3.64	5.0	39.1	1.94	1680	0.49	3.04	5.3	14.7	1800
S029847		6.27	18.10	0.11	0.6	0.189	3.10	5.2	43.6	2.54	2120	0.59	3.10	5.5	17.0	1950
S029848		6.76	16.80	0.11	0.5	0.177	3.21	6.1	38.4	2.37	1900	0.55	2.60	5.1	17.3	1750
S029849		5.94	15.75	0.13	0.6	0.144	3.33	6.4	36.7	2.17	1660	0.55	2.75	5.3	15.4	1730
S029850		3.96	13.85	0.12	1.1	0.048	3.94	11.9	14.0	0.54	1400	10.10	0.21	5.1	20.3	940



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(ALS)									С	ERTIFIC	CATE O	F ANAI	YSIS	VA201	98680	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$029827		217	121.0	0.002	2.32	17.70	24.0	7	1.0	362	0.31	<0.05	1.14	0.348	2.22	0.8
\$029828		62.3	110.5	0.002	2.45	14.75	21.7	6	0.8	380	0.30	<0.05	1.21	0.322	2.13	0.9
\$029829		27.2	129.0	0.002	2.06	16.05	25.0	7	0.8	341	0.34	<0.05	1.32	0.338	2.40	0.9
\$029830		49.4	129.0	<0.002	4.13	37.7	13.4	6	1.8	138.5	0.29	0.29	2.50	0.305	2.09	0.9
\$029831		39.0	150.5	<0.002	3.24	7.33	21.8	6	0.8	247	0.29	<0.05	1.19	0.316	2.69	0.8
\$029832		45.0	176.5	<0.002	3.08	8.25	23.0	5	0.7	245	0.30	<0.05	1.34	0.311	2.74	0.8
\$029833		37.4	158.0	0.002	3.26	16.85	23.2	6	0.8	351	0.30	<0.05	1.32	0.315	2.52	0.8
\$029834		52.7	119.5	<0.002	2.30	4.68	26.9	4	1.1	313	0.34	<0.05	1.41	0.372	2.29	0.9
\$029835		49.9	105.0	<0.002	2.97	6.12	25.2	7	1.0	364	0.29	<0.05	1.19	0.353	1.74	0.8
\$029836		45.9	97.6	0.002	2.50	15.50	25.9	6	1.0	518	0.26	<0.05	0.98	0.364	1.55	0.5
\$029837		133.5	83.1	<0.002	2.77	46.3	27.1	6	1.0	769	0.26	<0.05	1.03	0.356	1.21	0.6
\$029838		101.0	85.7	0.002	2.99	40.4	27.9	4	0.8	610	0.24	<0.05	0.83	0.362	1.36	0.5
\$029839		43.0	77.1	<0.002	3.15	4.55	26.6	4	1.0	281	0.27	<0.05	1.06	0.356	1.35	0.6
\$029840		0.8	0.7	<0.002	0.03	0.14	0.3	1	<0.2	80.1	<0.05	<0.05	0.07	0.007	0.02	0.1
\$029841		51.9	79.1	<0.002	3.49	1.45	29.0	7	0.9	310	0.25	<0.05	0.99	0.370	1.65	0.6
\$029842 \$029843 \$029844 \$029845 \$029846		42.9 37.5 35.8 46.4 50.9	78.1 59.2 58.5 65.2 78.0	<0.002 <0.002 <0.002 <0.002 0.002	2.78 2.21 2.02 2.71 2.91	1.54 1.36 2.00 2.41 3.57	30.4 25.7 26.6 27.6 29.9	6 5 5 6 6	0.8 0.9 1.0 0.9	340 308 322 339 348	0.25 0.26 0.27 0.28 0.26	<0.05 <0.05 <0.05 <0.05 <0.05	0.99 1.01 0.98 0.94 0.86	0.400 0.383 0.398 0.402 0.440	1.68 1.33 1.64 1.85 2.09	0.6 0.6 0.5 0.5
S029846CD		51.4	62.9	0.002	2.98	3.41	29.3	6	0.9	348	0.27	0.06	0.79	0.433	2.06	0.5
S029847		44.3	65.8	0.002	2.39	3.13	31.1	6	1.0	407	0.27	<0.05	0.99	0.448	1.92	0.5
S029848		42.7	63.9	<0.002	2.90	5.50	30.5	6	0.9	352	0.25	0.05	0.84	0.452	1.84	0.4
S029849		49.9	69.9	<0.002	2.75	5.00	30.4	7	0.9	341	0.26	0.05	1.01	0.429	1.93	0.5
S029850		152.0	166.5	0.009	2.85	19.55	10.7	2	1.5	194.0	0.29	0.32	3.19	0.256	3.31	1.7



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(ALS									С	ERTIFIC	CATE O	F ANAL	YSIS	VA20198680
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
5029827 5029828 5029829 5029830 5029831		216 214 230 140 206	7.3 10.9 6.4 2.2 3.0	12.0 11.9 9.5 8.9 10.8	406 87 53 201 51	22.3 23.8 27.5 35.0 24.8					22.3 22.6 22.8 31.7 21.7	0.4 0.4 0.4 0.4 0.4	58 54 59 76 56	
5029832 5029833 5029834 5029835 5029836		207 203 242 222 231	2.0 2.2 1.6 1.4 1.4	13.5 10.4 13.2 11.8 9.6	46 60 65 81 91	25.0 21.9 26.1 23.0 17.8					21.1 21.6 22.2 20.8 20.7	0.4 0.4 0.5 0.5	50 53 64 60 67	
S029837 S029838 S029839 S029840 S029841		220 222 222 2 2 233	5.5 3.7 1.6 <0.1 0.7	8.4 9.0 12.0 2.6 13.5	250 1080 78 6 75	18.3 12.5 18.6 2.7 18.4					20.8 20.7 20.2 2.1 21.3	0.4 0.4 0.4 0.1 0.4	62 59 51 8 56	
5029842 5029843 5029844 5029845 5029846		237 219 225 233 259	0.6 0.5 0.5 0.6 0.6	16.0 16.8 15.5 16.3 17.3	76 120 121 84 84	19.2 21.7 18.3 15.7 13.9					20.7 21.2 22.1 20.5 19.9	0.5 0.4 0.4 0.4 0.5	60 58 59 60 62	
5029846CD 5029847 5029848 5029849 5029850		258 275 260 241 106	0.6 0.5 1.1 1.1 5.1	16.3 16.1 18.3 17.2 8.8	84 122 93 91 477	14.2 18.6 13.3 16.4 38.3					19.6 20.2 20.2 21.5 27.5	0.5 0.5 0.5 0.4 0.3	57 61 56 60 83	



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		<u>L</u>	CERTIFICATE OF ANA	V/120130000
		CERTIFICATE COM	IMENTS	
		ANALY	TICAL COMMENTS	
Applies to Method:	REEs may not be totally solu ME-MS61			
		LABOR	ATORY ADDRESSES	
	Processed at ALS Vancouver	located at 2103 Dollarton Hwy, No		
Applies to Method:	Ag-OG62 CRU-QC LOG-23 PUL-32m SPL-21	Au-AA23 Cu-OG62 ME-MS61 PUL-32md SPL-21d	BAG-01 LOG-21 ME-OG62 PUL-QC WEI-21	CRU-31 LOG-21d Pb-OG62 pXRF-34 Zn-OG62



ALS Canada Ltd.

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27-JAN-2021 Account: PREBOW

## VA20200301

Project: Bowser Regional Project

P.O. No.: BOW-1108

This report is for 102 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 10-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
KEN MCNAUGHTON	STEPHAINE WAFFORN	

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	00301	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$039501		6.64	0.292	1.32	8.06	6.4	2500	1.01	0.08	3.25	0.97	21.3	16.9	13	2.82	430
\$039502		6.14	0.233	0.91	8.18	6.9	2640	0.91	0.07	2.88	0.70	13.40	14.6	26	2.61	265
\$039503		6.82	0.225	0.97	7.95	11.8	2750	0.91	0.04	2.62	0.87	12.10	19.0	20	2.61	316
\$039504		5.90	0.163	0.76	7.49	8.1	2020	0.91	0.03	3.67	0.68	12.15	17.6	16	2.55	225
\$039505		7.44	0.272	0.84	7.53	4.0	2050	0.85	0.03	2.91	0.82	10.55	17.7	18	2.77	314
\$039506		6.28	0.320	0.82	7.24	6.2	2070	0.99	0.02	2.77	1.12	10.00	17.2	19	4.58	333
\$039506CD		<0.02	0.354	0.91	7.44	5.9	2190	0.98	0.02	2.75	0.90	10.65	17.7	21	4.83	376
\$039507		6.94	0.258	0.82	7.05	4.1	2980	0.82	0.03	3.30	1.11	9.58	19.7	14	3.43	290
\$039508		5.02	0.239	0.92	7.82	7.9	2860	0.75	0.04	4.98	0.83	12.95	22.8	21	3.14	304
\$039509		6.46	0.510	1.07	7.74	5.7	3570	0.91	0.03	3.78	0.47	11.00	23.2	21	3.45	358
\$039510		0.12	1.075	34.9	5.84	371	820	1.20	0.94	0.65	1.81	28.5	12.6	19	7.84	108.0
\$039511		5.90	0.284	1.16	7.47	6.2	3170	0.66	0.03	3.37	0.54	11.20	16.9	24	1.42	351
\$039512		6.12	0.413	1.05	8.31	4.0	3170	0.80	0.03	2.50	1.01	13.95	23.5	18	2.65	391
\$039513		5.84	0.338	1.18	7.74	3.9	2650	0.77	0.03	2.36	0.52	11.80	17.2	16	2.07	403
\$039514		6.66	0.169	0.89	7.51	4.6	2330	0.87	0.03	3.64	0.78	15.65	23.0	31	1.39	364
\$039515		6.76	0.506	1.10	7.74	4.1	2260	0.82	0.04	2.90	0.82	16.40	24.6	41	1.78	367
\$039516		5.56	0.370	1.23	8.36	4.5	2960	0.64	0.04	3.29	0.60	11.90	23.3	27	1.75	492
\$039517		5.96	0.407	1.28	7.40	4.1	1650	0.75	0.05	3.69	0.87	10.55	26.8	23	2.07	496
\$039518		5.74	0.586	1.40	7.32	3.6	1930	0.74	0.07	2.61	0.76	9.19	21.5	18	2.67	524
\$039519		5.86	0.424	1.06	7.56	4.6	2610	0.94	0.05	2.87	0.80	8.90	22.0	18	3.10	403
\$039520		0.92	<0.005	0.02	0.11	0.4	40	0.06	0.01	33.7	<0.02	1.04	0.6	1	0.08	4.1
\$039521		5.38	0.379	1.50	7.55	10.7	2280	0.70	0.06	5.96	0.92	16.30	26.4	20	3.07	439
\$039522		7.12	0.550	1.34	8.30	3.3	2590	0.75	0.03	3.76	0.99	14.55	24.3	24	4.59	426
\$039523		6.04	0.909	2.33	7.69	21.6	2350	0.73	0.03	3.22	0.50	9.06	23.5	22	4.63	725
\$039524		6.44	0.090	0.94	7.28	63.6	2040	0.66	0.02	9.19	0.21	35.5	18.1	6	3.84	108.0
\$039525 \$039526 \$039526CD \$039527 \$039528		5.04 6.00 <0.02 5.66 5.08	0.168 0.242 0.235 0.375 0.240	1.30 0.99 0.93 1.58 0.81	7.33 7.41 7.82 7.30 8.08	112.0 35.2 33.1 107.0 9.8	1880 2000 2090 1780 2700	0.71 0.77 0.74 0.58 0.68	0.03 0.02 0.03 0.04 0.04	2.54 4.76 5.04 4.20 4.24	6.42 0.29 0.34 0.54	21.6 11.50 12.05 11.80 12.25	20.8 22.6 21.4 25.1 20.3	17 27 29 30 29	3.39 4.35 4.25 3.08 3.52	170.0 205 216 418 288
\$039529		6.32	0.429	0.99	7.44	12.9	2040	0.59	0.05	4.88	0.27	10.15	16.7	21	3.13	391
\$039530		0.14	1.110	12.00	6.05	302	1300	1.02	0.18	3.47	4.52	24.7	9.9	26	6.64	81.3
\$039531		7.46	0.350	1.10	7.51	6.7	2210	0.54	0.05	3.87	0.44	10.85	21.1	20	2.66	456
\$039532		5.46	0.497	1.74	7.45	15.0	2020	0.50	0.09	4.48	0.51	10.55	22.6	22	2.43	535
\$039533		6.82	0.590	2.34	7.44	31.9	820	0.58	0.09	5.04	0.52	11.75	23.3	18	3.54	584
\$039534		3.82	0.237	1.77	5.69	52.8	1660	0.54	0.03	10.70	0.35	17.75	14.7	14	3.42	254
\$039535		5.36	0.021	0.54	7.30	108.0	2070	0.85	0.02	3.25	0.26	35.8	23.4	<1	7.03	11.2
\$039536		6.20	0.102	1.25	7.56	61.1	1940	0.83	0.03	4.87	0.66	26.8	19.8	7	5.24	170.0
\$039537		6.92	0.220	2.03	7.20	81.9	2120	0.76	0.03	4.19	0.67	9.95	20.6	17	5.03	333
\$039538		4.26	0.393	2.99	5.70	235	830	0.94	0.02	7.78	1.12	15.85	20.1	10	7.52	356



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Page: 2 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 23-SEP-2020 Account: PREBOW

(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	00301	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$039501 \$039502 \$039503 \$039504 \$039505 \$039506		5.10 4.45 4.86 5.95 5.70	16.75 15.40 16.20 14.75 15.35	0.16 0.15 0.16 0.15 0.15	0.9 0.5 0.4 0.4 0.4	0.194 0.124 0.101 0.084 0.068	4.31 5.37 5.30 4.39 4.94	8.9 6.2 5.3 5.7 4.7	25.3 24.3 30.1 25.7 29.6	1.81 1.83 2.22 1.91 1.94	1380 1440 1680 2000 1720	60.5 14.45 27.7 82.6 26.8	1.87 1.94 1.72 2.07 2.06	6.3 5.4 5.3 4.8 4.8	8.2 10.9 12.3 11.0 11.7	1550 1890 1920 1760 1710
S039506CD		6.06	16.90	0.16	0.4	0.071	4.86	4.5	48.0	2.34	1830	82.1	1.37	4.9	13.3	1690
S039507		6.39	15.75	0.16	0.6	0.104	5.27	4.5	29.2	1.73	1940	29.4	1.41	4.4	12.0	1660
S039508		5.63	15.20	0.17	0.5	0.081	5.38	6.3	22.6	1.27	1850	35.0	1.77	4.7	14.7	1690
S039509		6.58	16.10	0.19	0.4	0.050	5.09	5.2	32.2	1.71	1660	16.75	1.50	4.6	15.5	1680
\$039510		4.31	12.05	0.17	1.1	0.040	2.63	12.8	11.0	0.35	226	4.67	0.19	5.2	13.9	1280
\$039511		5.82	14.90	0.17	0.4	0.049	4.49	5.1	22.4	1.62	1360	67.6	2.04	4.7	13.1	1730
\$039512		6.29	15.40	0.19	0.7	0.088	4.83	6.5	25.5	2.23	1460	35.5	2.41	4.8	13.9	1790
\$039513		4.98	13.85	0.18	0.4	0.071	4.60	5.5	25.2	2.12	1450	59.3	2.33	4.4	10.0	1570
\$039514		7.13	15.25	0.16	0.5	0.129	4.21	6.8	18.6	2.71	2030	33.0	2.09	4.3	19.2	1920
\$039515		7.29	14.70	0.15	0.5	0.119	3.92	7.2	25.5	2.75	2050	175.0	2.45	4.5	23.4	2000
\$039516		5.84	14.50	0.16	0.4	0.068	4.96	5.8	26.0	1.89	1620	239	2.56	5.1	14.0	1790
\$039517		6.89	14.15	0.16	0.4	0.107	4.45	5.2	22.8	1.88	1740	37.3	2.09	4.4	14.9	1720
\$039518		6.08	14.00	0.15	0.4	0.073	4.02	4.3	30.3	1.65	1520	19.95	2.36	4.6	10.8	1610
\$039519		7.41	15.45	0.14	0.5	0.155	3.56	4.3	36.7	2.57	1920	45.9	2.41	4.6	11.3	1650
\$039520		0.15	0.34	0.10	0.1	<0.005	0.04	1.2	1.5	2.02	152	0.81	0.03	0.1	0.5	80
\$039521		7.01	14.55	0.12	1.2	0.186	3.13	8.1	33.9	2.43	2540	37.6	2.03	4.5	14.5	1520
\$039522		6.67	15.50	0.13	0.6	0.090	4.14	7.2	33.1	2.18	1750	16.95	2.06	5.0	13.5	1600
\$039523		5.97	14.75	0.14	0.4	0.052	4.80	4.2	31.8	1.78	1720	73.4	1.80	5.1	13.6	1750
\$039524		6.08	14.70	0.16	1.3	0.074	3.91	17.0	37.0	2.00	2800	11.65	1.20	6.4	4.6	2170
\$039525		6.55	14.85	0.15	0.7	0.095	3.47	8.9	55.6	1.97	1380	13.20	1.54	5.8	9.0	2170
\$039526		6.27	14.55	0.13	0.5	0.093	3.72	5.9	29.9	1.71	1610	11.30	1.67	5.4	13.9	2080
\$039526CD		6.55	14.05	0.14	0.4	0.092	3.87	6.3	29.9	1.80	1690	11.70	1.72	5.2	14.2	2170
\$039527		5.94	13.95	0.13	0.4	0.094	3.74	6.2	32.0	1.51	1500	196.0	2.08	4.9	13.2	1850
\$039528		5.47	14.20	0.15	0.5	0.084	4.00	6.2	29.9	1.87	1580	22.6	2.30	5.2	12.7	2070
\$039529		5.04	14.35	0.13	0.3	0.083	3.68	5.2	26.6	1.61	1580	60.6	2.33	5.0	10.8	1830
\$039530		3.73	12.60	0.16	1.1	0.046	3.70	11.7	12.5	0.52	1320	9.44	0.20	4.6	19.9	900
\$039531		5.33	14.00	0.15	0.4	0.061	3.71	5.3	27.0	1.81	1340	37.6	2.40	5.1	10.6	1850
\$039532		5.92	13.40	0.16	0.3	0.055	3.35	5.3	25.9	1.85	1520	43.5	2.21	4.8	10.5	1890
\$039533		6.82	14.50	0.16	0.3	0.044	3.55	5.8	28.6	1.89	1740	19.75	1.82	5.1	11.0	1900
\$039534		5.49	12.45	0.14	0.4	0.050	2.48	8.6	28.5	1.70	2910	12.35	0.97	3.6	7.2	1420
\$039535		7.32	18.80	0.17	1.7	0.079	3.77	14.5	40.1	2.36	1620	0.88	1.60	10.1	2.1	2800
\$039536		5.76	16.80	0.19	1.0	0.060	3.47	11.5	35.1	1.99	1790	5.75	1.82	7.4	7.0	2110
\$039537		5.68	15.75	0.16	0.3	0.051	4.09	4.8	34.4	1.84	1710	11.70	1.51	6.1	10.7	1860
\$039538		5.87	14.20	0.13	0.3	0.086	3.28	8.1	31.7	1.54	2220	13.85	0.17	4.3	10.5	1360



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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CERTIFICATE OF ANALYSIS VA20200301

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								<u> </u>	CERTIFICATE OF ANALTSIS VA					VA20200301		
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$039501 \$039502 \$039503 \$039504		11.9 17.4 16.7 9.0	109.5 131.0 122.0 111.0	0.799 0.151 0.433 1.040	1.06 0.92 0.58 0.34	2.58 1.86 1.64 1.41	20.5 29.6 28.9 27.0	5 6 6 3	3.2 3.6 3.0 2.2	599 475 484 397	0.36 0.29 0.26 0.26	<0.05 <0.05 <0.05 <0.05	1.86 0.89 0.75 0.87	0.414 0.410 0.425 0.365	1.00 1.19 1.17 0.99	1.5 0.7 0.6 0.5
S039505 S039506		10.7 10.1	107.5	0.380	0.38	1.24	27.2	2	2.0	344 341	0.25	<0.05 <0.05	0.67	0.389	1.08	0.4
S039506CD S039507 S039508 S039509		9.9 11.9 10.1 11.2	120.5 115.5 152.5 136.0	0.921 0.371 0.400 0.214	0.29 0.18 0.79 0.96	1.66 1.42 1.82 1.78	25.0 23.2 30.4 26.4	3 2 4 8	1.9 3.0 3.3 2.1	354 473 469 417	0.25 0.24 0.23 0.24	<0.05 <0.05 <0.05 <0.05 <0.05	0.62 0.60 0.83 0.69	0.393 0.388 0.425 0.409	1.27 1.37 1.22 1.18	0.4 0.5 0.4 0.5
\$039510 \$039511 \$039512 \$039513 \$039514		49.6 9.2 11.5 11.0 9.8	126.0 88.8 114.0 96.4 87.4	<0.002 0.606 0.453 0.447 0.346	3.93 0.84 0.67 0.70 0.65	32.6 2.35 1.40 1.04 1.60	13.8 27.7 29.5 25.4 36.9	5 5 5 6 5	1.8 2.3 3.1 2.4 4.0	137.0 708 451 359 505	0.28 0.25 0.25 0.23 0.21	0.32 <0.05 <0.05 <0.05 <0.05	2.60 0.84 1.00 0.86 0.93	0.290 0.395 0.415 0.371 0.406	2.33 0.90 1.01 0.91 0.77	0.9 0.7 1.1 0.5 0.7
\$039515 \$039516 \$039517 \$039518 \$039519		10.6 9.9 10.2 11.6 10.6	91.8 106.5 90.2 81.4 67.2	1.355 1.975 0.464 0.267 0.512	0.80 1.32 1.70 1.96 1.45	1.12 1.82 2.13 1.35 1.43	39.9 31.4 29.3 24.0 23.4	4 6 9 9	4.0 2.5 3.4 2.0 4.4	312 492 657 413 432	0.22 0.25 0.23 0.24 0.26	<0.05 <0.05 <0.05 <0.05 <0.05	0.96 0.89 0.77 0.72 0.75	0.408 0.405 0.338 0.329 0.338	0.82 0.94 0.86 0.84 0.82	0.6 0.5 0.5 0.4 0.6
\$039520 \$039521 \$039522 \$039523 \$039524		<0.5 9.0 12.1 10.4 7.6	1.4 95.5 117.0 99.3 117.5	0.006 0.387 0.270 0.548 0.115	0.01 1.33 1.30 1.60 0.86	<0.05 1.21 1.16 1.58 4.35	0.4 30.1 31.1 25.2 23.4	1 5 8 9 3	<0.2 5.0 2.9 1.5 1.4	85.0 316 374 284 257	<0.05 0.24 0.24 0.26 0.32	<0.05 <0.05 <0.05 <0.05 <0.05	0.07 1.20 1.14 0.76 0.98	0.007 0.332 0.382 0.348 0.630	0.02 0.73 0.98 1.24 1.02	0.1 1.1 0.7 0.5 0.6
\$039525 \$039526 \$039526CD \$039527 \$039528		45.1 6.7 7.2 12.5 8.8	95.9 112.5 115.0 97.6 109.0	0.119 0.128 0.135 3.82 0.201	1.65 1.28 1.35 1.92 1.06	9.19 2.30 2.27 16.50 1.52	24.6 29.1 28.7 27.2 30.3	6 7 5 7 5	1.9 2.7 2.7 2.6 2.6	160.0 248 259 256 352	0.30 0.26 0.26 0.24 0.27	<0.05 <0.05 <0.05 <0.05 <0.05	0.85 0.82 0.83 0.88 0.96	0.486 0.361 0.379 0.332 0.364	1.03 1.08 1.06 1.10 1.01	0.6 0.5 0.5 0.7
\$039529 \$039530 \$039531 \$039532 \$039533		6.9 144.5 7.8 8.1 10.2	95.3 172.0 88.0 89.6 108.0	0.681 0.011 0.387 0.368 0.152	0.84 2.67 1.10 1.89 3.34	1.51 17.60 1.26 1.40 2.54	26.6 10.6 25.4 26.6 31.2	3 2 5 9 18	2.4 1.5 2.5 2.6 2.5	278 190.0 348 298 276	0.24 0.25 0.26 0.24 0.25	<0.05 0.31 <0.05 <0.05 <0.05	0.91 3.11 0.86 0.83 0.71	0.319 0.235 0.318 0.340 0.378	0.95 3.31 0.87 0.85 0.98	0.4 1.6 0.4 0.4
\$039534 \$039535 \$039536 \$039537 \$039538		5.8 11.3 8.8 9.0 15.6	81.5 75.8 112.5 110.5 153.5	0.092 0.004 0.057 0.106 0.117	1.08 0.76 1.02 1.76 3.88	2.67 2.93 2.85 3.80 6.88	22.8 19.5 26.0 29.5 24.7	4 1 3 6 4	1.8 1.2 1.5 1.9 2.5	240 209 212 205 152.0	0.19 0.50 0.37 0.32 0.23	<0.05 <0.05 <0.05 <0.05 <0.05	0.64 0.68 0.91 0.84 0.73	0.253 0.943 0.568 0.345 0.256	0.68 1.03 1.08 1.26 1.48	0.5 0.5 0.5 0.4 0.4



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(ALS	,								CERTIFICATE OF ANALYSIS VA20200301
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$039501 \$039502 \$039503 \$039504 \$039505		181 233 266 219 234	1.7 1.3 1.4 2.0 1.2	19.5 18.4 17.0 17.1 16.4	191 171 178 202 203	24.7 10.9 10.0 9.3 9.7	22.7 22.6 21.7 21.9 21.4	0.5 0.6 0.5 0.5	92 64 61 63 58
S039506		239	1.3	16.2	247	8.9	21.6	0.5	54
S039506CD		246	1.4	16.8	241	9.5	21.0	0.5	54
S039507		247	1.3	13.5	227	10.1	21.2	0.5	56
S039508		264	3.1	18.1	185	10.2	21.1	0.5	57
S039509		258	1.8	16.6	209	10.8	21.1	0.5	62
\$039519 \$039511 \$039512 \$039513 \$039514		139 269 263 219 301	2.4 1.3 1.3 1.1 1.2	8.0 16.9 19.0 16.3 16.6	192 180 214 173 214	33.3 11.6 18.0 11.6 11.4	31.1 23.7 21.6 23.7 22.1	0.4 0.5 0.5 0.5 0.5	52 80 59 59 60 57
\$039515		306	1.5	18.3	238	10.1	21.5	0.5	54
\$039516		276	2.1	15.4	184	10.9	22.4	0.5	54
\$039517		271	1.1	15.4	201	10.0	21.8	0.5	56
\$039518		220	1.2	12.8	204	10.4	20.9	0.5	50
\$039519		250	1.3	12.1	242	12.3	20.5	0.5	58
\$039520		3	<0.1	2.1	5	1.9	2.9	<0.1	6
\$039521		254	1.9	17.4	228	16.2	18.9	0.4	45
\$039522		271	1.0	16.6	242	14.3	21.6	0.4	53
\$039523		257	1.7	12.6	222	10.6	22.1	0.5	51
\$039524		214	7.7	27.1	132	51.8	16.2	0.8	77
\$039525		237	8.8	20.4	524	18.1	22.6	0.6	62
\$039526		261	3.8	14.9	164	9.5	18.5	0.5	48
\$039526CD		273	3.8	14.9	171	9.2	19.3	0.5	51
\$039527		232	6.4	14.2	169	12.0	20.8	0.4	46
\$039528		248	2.5	16.6	182	10.0	19.9	0.5	52
\$039529		229	3.7	12.3	159	10.4	20.1	0.4	47
\$039530		103	4.6	8.5	449	42.0	28.0	0.4	82
\$039531		217	3.2	13.2	151	8.0	20.8	0.4	53
\$039532		236	2.6	14.8	151	7.7	20.5	0.4	42
\$039533		269	3.1	17.0	146	5.8	19.6	0.5	44
\$039534		180	3.6	23.1	135	11.7	15.2	0.3	29
\$039535		211	11.9	24.6	143	58.9	16.7	1.0	116
\$039536		204	9.0	22.4	162	31.5	18.1	0.7	77
\$039537		215	3.9	12.2	183	7.9	18.6	0.5	44
\$039538		179	3.1	18.7	158	8.4	18.5	0.3	40



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	00301	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$039539		3.34	0.028	0.75	7.45	107.0	1990	0.86	0.03	4.26	0.62	35.2	22.6	4	7.20	45.4
\$039540		0.90	<0.005	0.02	0.66	0.8	130	0.22	0.03	30.0	0.02	1.76	1.7	9	0.43	8.1
\$039541		5.64	0.450	2.72	4.80	164.0	570	0.93	0.02	9.37	1.00	11.85	14.6	21	8.74	162.0
\$039542		6.48	0.311	1.57	3.99	126.5	480	0.62	0.01	11.90	0.44	10.35	15.7	52	5.46	66.4
\$039543		6.32	0.205	1.43	6.68	58.9	1300	0.70	0.02	6.11	0.40	11.80	28.7	105	3.39	239
S039544		6.26	0.358	1.87	6.64	64.6	540	0.61	0.05	5.91	0.70	9.84	26.8	41	4.43	214
S039545		6.54	0.359	1.77	6.09	88.7	680	1.16	0.07	8.35	0.47	12.60	31.8	29	7.34	267
S039546		6.50	0.424	1.69	7.02	52.0	470	1.07	0.09	7.47	3.27	12.25	31.8	22	10.25	277
S039546CD		<0.02	0.420	1.71	6.43	49.8	500	1.13	0.07	7.36	3.28	10.55	31.4	21	9.53	265
S039547		6.40	0.247	1.93	7.16	38.8	1220	0.76	0.05	6.50	1.04	11.85	24.8	22	7.44	289
\$039548		6.42	0.418	1.34	7.16	28.1	840	0.90	0.05	6.11	0.51	11.20	30.1	23	6.22	293
\$039549		6.28	0.320	1.32	6.24	42.8	1050	0.69	0.04	9.05	0.72	12.40	23.8	20	5.24	208
\$039550		0.16	5.63	78.4	6.13	284	1240	1.01	1.13	1.97	23.5	27.3	11.3	21	7.89	118.5
\$039551		6.24	0.266	3.26	6.99	57.8	1630	0.73	0.06	7.00	0.99	11.70	27.0	20	5.98	328
\$039552		6.72	0.207	1.73	7.20	36.3	1780	0.90	0.02	6.74	0.62	11.80	27.8	25	6.32	333
\$039553		6.78	0.276	1.05	7.01	36.4	1830	0.58	0.03	9.31	0.34	12.60	25.0	32	4.42	259
\$039554		6.40	0.257	0.93	7.32	21.9	2190	0.64	0.03	5.87	0.43	13.25	28.1	51	3.33	256
\$039555		6.54	0.374	1.04	7.15	17.7	1130	0.71	0.04	5.15	0.59	10.60	29.4	53	3.32	216
\$039556		6.68	0.228	0.68	6.98	23.3	2230	0.69	0.03	4.09	0.46	10.05	23.9	50	3.16	131.0
\$039557		6.54	0.327	1.11	7.57	21.0	590	0.55	0.03	3.96	0.24	11.45	31.2	33	2.48	267
\$039558		6.40	0.301	1.17	7.66	14.0	1390	0.58	0.04	4.42	0.51	13.40	29.2	57	2.39	245
\$039559		6.14	0.269	1.03	7.61	9.7	1370	0.76	0.03	4.24	1.46	13.15	28.0	53	3.37	169.5
\$039560		0.86	0.014	0.05	0.13	<0.2	40	0.07	0.01	32.9	0.03	1.09	1.1	1	0.06	5.8
\$039561		6.88	0.062	1.64	7.35	8.8	2490	0.80	0.02	6.32	1.52	13.80	22.7	60	4.00	113.0
\$039562		5.82	0.117	1.25	6.35	11.1	2140	0.58	0.02	5.77	2.53	11.55	22.6	61	2.33	203
\$039563		6.26	0.221	1.25	6.89	8.5	1340	0.72	0.04	4.30	1.03	13.25	31.7	80	2.46	217
\$039564		6.92	0.254	0.95	7.15	10.9	1580	0.78	0.04	4.31	0.65	13.45	28.1	63	2.75	145.5
\$039565		5.78	0.396	1.32	6.93	19.3	410	0.63	0.05	4.93	0.83	11.65	34.4	69	2.66	204
\$039566		6.30	0.388	1.42	6.70	19.9	1240	0.54	0.04	6.78	4.34	12.80	33.8	59	3.38	292
\$039566CD		<0.02	0.389	1.43	6.78	18.3	1230	0.59	0.04	6.63	4.44	12.55	31.0	65	3.33	292
\$039567		6.38	0.221	1.08	7.22	24.2	830	0.69	0.04	5.00	1.76	12.35	26.6	61	3.17	179.0
\$039568		5.62	0.289	1.29	7.05	11.7	1080	0.58	0.05	5.05	7.00	12.95	29.6	52	3.01	228
\$039569		5.78	0.224	0.90	7.31	8.7	2500	0.74	0.04	6.20	3.27	14.80	26.4	28	3.18	201
\$039570		0.12	1.085	31.3	5.83	377	820	1.40	0.93	0.66	1.66	28.4	14.1	18	7.96	115.5
\$039571		6.78	0.368	1.83	7.18	24.4	1310	0.77	0.04	5.65	1.36	12.00	31.7	31	3.20	290
\$039572		5.62	0.275	1.40	7.07	14.4	1200	0.67	0.05	6.15	0.86	14.50	33.5	27	2.44	246
\$039573		6.32	0.336	1.29	7.82	14.9	1730	0.71	0.05	4.83	0.94	12.90	33.9	40	2.56	212
\$039574		6.02	0.314	1.32	6.55	16.4	820	0.62	0.05	8.06	2.40	13.15	30.3	33	1.87	184.5
\$039575		6.16	0.356	1.16	7.44	8.6	1330	0.75	0.05	4.17	1.49	13.25	30.6	47	2.64	181.5
\$039576		6.28	0.248	1.25	7.09	13.2	2450	0.67	0.05	6.19	2.55	14.70	32.2	34	2.51	235



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20200301

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											CAILO	I ANA	_1 313	VAZUZ	00301	
Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
\$039539 \$039540 \$039541 \$039542 \$039543		7.01 0.26 4.30 4.53 6.76	17.65 1.76 11.00 9.14 13.20	0.15 0.07 0.11 0.09 0.09	1.5 0.2 0.3 0.3	0.081 <0.005 0.073 0.055 0.122	4.07 0.37 2.38 1.63 2.21	14.9 1.4 6.1 5.6 6.3	36.4 3.0 27.6 26.5 34.3	2.30 1.79 1.29 1.36 2.28	1820 147 2270 2860 2140	2.59 0.23 15.75 6.04 7.73	1.26 0.19 0.03 0.44 2.02	9.0 0.8 3.1 2.3 3.8	2.7 4.0 10.0 16.4 33.4	2610 80 1230 910 1630
S039544 S039545 S039546 S039546CD S039547		6.01 6.32 6.07 5.88 5.54	13.00 13.30 14.95 14.50 13.90	0.14 0.10 0.16 0.15 0.11	0.4 0.4 0.5 0.5	0.102 0.078 0.084 0.086 0.092	4.11 3.30 3.57 3.49 4.21	4.7 6.1 5.9 4.9 5.8	25.5 25.3 24.6 23.7 27.5	1.58 1.33 1.31 1.23 1.71	1700 2160 2000 1950 2120	3.00 3.66 2.52 2.49 13.80	1.26 0.64 1.08 1.05 1.03	3.6 3.0 3.4 3.3 3.3	20.2 22.1 22.7 21.4 18.1	1520 1350 1730 1660 1720
\$039548 \$039549 \$039550 \$039551 \$039552		6.54 5.83 4.72 6.12 6.24	14.45 12.15 13.20 13.15 13.55	0.14 0.11 0.08 0.10 0.11	0.3 0.3 1.3 0.3	0.074 0.082 1.360 0.116 0.090	4.62 3.15 3.59 4.25 4.03	5.1 6.2 14.4 5.7 5.8	27.9 28.7 12.3 29.8 32.0	1.74 1.84 0.48 1.88 2.16	1960 2490 1180 2450 2190	24.1 11.05 9.43 13.55 23.3	1.13 1.00 0.23 0.74 0.89	3.6 2.9 5.7 3.3 3.3	21.7 17.2 16.6 20.0 18.8	1840 1450 940 1710 1680
\$039553 \$039554 \$039555 \$039556 \$039557		5.87 6.49 6.31 6.29 6.78	12.45 13.70 14.35 14.00 14.10	0.12 0.10 0.12 0.11 0.14	0.4 0.4 0.4 0.3	0.081 0.111 0.112 0.090 0.060	3.85 3.46 3.37 3.50 3.34	6.3 6.6 5.2 4.7 5.4	20.7 23.1 26.4 27.9 28.6	1.46 1.79 1.97 2.02 2.35	2200 1900 1800 1580 1680	16.05 6.89 6.30 16.65 18.05	1.69 2.19 2.27 2.23 2.50	3.4 3.9 3.9 4.4 4.6	19.9 22.3 24.5 19.8 19.1	1620 1630 1650 1650 1690
\$039558 \$039559 \$039560 \$039561 \$039562		6.37 6.05 0.18 5.97 5.67	13.30 13.10 0.39 13.55 11.90	0.12 0.14 0.05 0.09 0.07	0.4 0.5 <0.1 0.5 0.4	0.079 0.090 <0.005 0.111 0.107	3.00 3.98 0.04 3.16 2.88	6.8 6.7 1.2 7.0 5.9	25.3 25.0 1.4 27.5 26.7	2.44 2.00 1.97 2.27 2.04	1800 1800 154 2290 2050	9.74 16.25 0.42 22.2 500	2.58 2.30 0.04 1.98 1.90	3.9 4.0 0.2 3.8 3.3	25.2 24.6 0.6 22.7 21.9	1640 1620 80 1550 1330
S039563 S039564 S039565 S039566 S039566CD		6.92 6.37 6.55 7.83 7.87	13.65 13.80 13.00 13.10 12.95	0.13 0.12 0.15 0.11 0.12	0.4 0.5 0.4 0.4	0.101 0.119 0.165 0.170 0.175	3.17 2.81 3.48 3.49 3.52	6.6 6.6 5.6 6.5 6.4	25.6 25.1 25.0 24.5 23.8	2.88 2.55 1.94 1.86 1.86	2080 2000 1860 2360 2350	31.7 4.68 4.13 8.87 11.65	2.08 2.26 2.23 1.63 1.64	3.5 4.0 3.7 3.2 3.2	30.0 26.5 28.8 25.7 25.1	1480 1530 1520 1500 1500
\$039567 \$039568 \$039569 \$039570 \$039571		6.32 6.74 6.92 4.49 6.55	12.85 13.05 13.95 12.65 13.60	0.11 0.15 0.11 0.11 0.15	0.4 0.5 1.2 1.2	0.103 0.139 0.130 0.036 0.131	3.86 4.29 3.84 2.68 3.91	5.9 6.4 6.4 13.0 5.7	24.3 30.5 42.2 10.5 38.6	2.31 2.21 2.39 0.37 2.22	2240 2330 2680 232 2340	5.39 5.00 14.05 5.03 6.37	2.15 1.57 1.76 0.19 1.59	4.0 3.6 3.2 5.3 3.3	26.2 24.0 19.5 14.6 20.2	1550 1550 1680 1280 1670
\$039572 \$039573 \$039574 \$039575 \$039576		6.29 6.75 6.04 6.69 6.42	13.25 14.25 13.65 14.00 13.35	0.15 0.14 0.13 0.14 0.11	0.6 0.5 0.3 0.4 0.5	0.115 0.143 0.087 0.124 0.131	3.69 4.32 3.11 3.24 4.03	6.4 6.2 6.1 6.2 7.0	43.6 41.2 29.0 29.9 22.5	2.10 2.52 1.86 2.68 2.08	2640 2400 2420 2290 2140	7.33 7.18 19.95 14.45 75.5	1.89 1.88 1.78 2.19 1.51	3.2 3.4 3.1 3.8 3.5	21.1 24.4 20.6 23.1 21.7	1660 1820 1470 1720 1660



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CERTIFICATE OF ANALYSIS VA20200301

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								<u> </u>				I ANA	_ 1 3 1 3	<b>V/12</b> 02	00301	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S039539 S039540		12.4 2.2	98.2 11.6	0.013 <0.002	1.24 0.02	4.15 0.14	21.3 2.1	1	1.4 0.2	174.0 78.0	0.43 0.13	<0.05 <0.05	0.68	0.852 0.015	1.29 0.26	0.4 0.4
S039541		10.8	124.5	0.141	2.60	6.51	22.9	5	2.1	186.5	0.16	<0.05	0.64	0.256	1.19	0.3
S039542		10.3	79.9	0.043	3.03	4.38	20.8	5	1.5	243	0.13	<0.05	0.52	0.197	0.80	0.2
S039543		9.1	70.4	0.060	2.84	3.35	37.3	11	3.2	253	0.22	<0.05	0.87	0.351	0.74	0.5
\$039544 \$039545 \$039546		15.8 17.0 57.1	121.5 142.0 167.5	0.025 0.039 0.032	3.20 4.72 4.25	4.00 6.22 4.69	35.7 29.8 29.8	15 19 22 24	3.7 2.6 3.4	228 182.5 236	0.21 0.18 0.20	0.05 <0.05 0.05	0.69 0.70 0.73	0.381 0.321 0.333	1.29 1.45 1.67	0.4 0.6 0.5
S039546CD S039547 S039548		55.7 23.4 16.1	142.0 146.5 137.0	0.030 0.126 0.185	4.16 2.46 2.98	4.51 3.45 2.56	27.4 29.2 29.5	11	3.3 2.7 2.2	231 268 312	0.18 0.19 0.20	<0.05 0.06 <0.05	0.63 0.72 0.64	0.327 0.333 0.370	1.60 1.47 1.53	0.4 0.3 0.3
\$039549		59.8	127.0	0.070	3.13	2.83	26.0	12	1.6	280	0.17	<0.05	0.68	0.292	1.18	0.3
\$039550		8740	160.0	0.003	3.02	74.8	12.8	3	4.1	146.5	0.34	0.31	3.75	0.253	3.19	2.0
\$039551		154.0	138.0	0.099	2.26	4.78	28.3	6	2.5	275	0.18	<0.05	0.70	0.337	1.53	0.4
\$039552		14.2	145.5	0.229	2.47	3.84	29.9	7	2.2	255	0.18	<0.05	0.71	0.338	1.32	0.3
\$039553		8.8	129.0	0.113	2.27	2.34	31.1	8	2.5	300	0.20	<0.05	0.85	0.344	1.15	0.3
\$039554		9.6	101.5	0.058	1.81	1.61	34.6	9	3.0	304	0.23	<0.05	0.94	0.374	0.97	0.4
\$039555		15.5	90.4	0.058	2.51	1.72	34.7	15	3.0	315	0.23	<0.05	0.78	0.361	1.00	0.4
\$039556		10.0	79.7	0.137	1.73	1.79	32.7	9	2.6	319	0.25	<0.05	0.72	0.383	1.04	0.3
\$039557		13.2	78.4	0.149	3.07	1.88	32.7	19	1.4	321	0.25	0.05	0.75	0.422	0.90	0.3
\$039558		16.5	78.7	0.107	2.90	1.93	34.8	18	1.4	415	0.22	<0.05	0.93	0.379	0.69	0.4
\$039559		14.4	107.5	0.133	2.33	2.26	32.6	16	1.5	443	0.24	<0.05	0.86	0.371	1.06	0.3
\$039560		4.1	1.1	0.002	0.02	0.13	0.5	1	<0.2	84.6	<0.05	<0.05	0.06	0.009	0.02	0.1
\$039561		13.9	104.0	0.164	0.54	5.18	35.9	3	2.9	462	0.21	<0.05	0.97	0.367	0.90	0.5
\$039562		15.9	85.4	3.16	0.70	3.44	32.5	3	2.2	356	0.18	<0.05	0.81	0.313	0.81	0.4
\$039563		16.6	86.7	0.221	2.43	2.03	38.2	15	2.3	402	0.20	<0.05	0.86	0.353	0.78	0.4
\$039564		17.1	79.5	0.040	2.85	2.04	36.3	17	2.8	497	0.22	<0.05	0.90	0.356	0.74	0.4
\$039565		14.0	92.6	0.039	3.43	1.95	36.4	23	2.8	370	0.21	<0.05	0.84	0.358	0.97	0.4
\$039566		15.4	107.5	0.140	2.66	2.25	36.2	17	3.4	391	0.19	<0.05	0.80	0.341	0.92	0.4
\$039566CD		15.1	107.0	0.199	2.67	2.13	34.9	18	3.3	383	0.18	<0.05	0.78	0.340	0.95	0.4
\$039567 \$039568 \$039569 \$039570 \$039571		14.8 19.2 15.8 56.2 25.1	92.3 123.5 135.5 130.5 131.5	0.039 0.062 0.101 0.002 0.048	2.70 2.50 1.27 4.19 3.39	2.03 2.35 2.47 36.3 3.71	33.0 37.6 38.7 14.9 37.8	16 17 8 6 21	2.4 3.4 4.0 1.9 3.2	507 366 363 138.0 382	0.25 0.20 0.18 0.29 0.18	<0.05 <0.05 <0.05 0.28 <0.05	0.79 0.81 0.79 2.70 0.72	0.379 0.360 0.408 0.300 0.394	1.03 1.15 0.94 2.23 1.03	0.4 0.4 0.7 1.0
\$039572 \$039573 \$039574 \$039575 \$039576		27.4 24.6 19.6 20.2 36.5	111.0 119.5 95.9 100.0 114.5	0.047 0.066 0.131 0.090 0.611	2.64 2.67 3.37 2.99 2.07	3.06 2.75 2.39 2.07 2.22	39.9 41.7 36.3 41.8 40.1	18 17 18 18 12	2.8 3.0 1.9 2.7 3.0	412 453 515 514 676	0.17 0.20 0.17 0.19 0.19	<0.05 <0.05 <0.05 <0.05 <0.05	0.69 0.75 0.72 0.80 0.80	0.393 0.418 0.331 0.409 0.386	0.95 1.05 0.83 0.83 1.05	0.8 0.6 0.4 0.4



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(ALS	,								CERTIFICATE OF ANALYSIS VA20200301
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$039539		220	8.8	22.6	149	52.0	18.3	0.9	100
\$039540		10	0.2	3.7	6	4.3	4.3	0.1	8
\$039541		170	3.2	13.3	146	11.4	20.2	0.3	35
\$039542		155	2.5	11.7	114	7.4	18.4	0.3	25
\$039543		253	4.7	11.6	197	13.1	17.5	0.5	41
S039544		231	5.3	12.2	182	8.7	19.5	0.5	51
S039545		213	3.7	17.8	131	10.8	17.7	0.4	43
S039546		225	3.4	14.1	252	11.4	17.1	0.4	48
S039546CD		216	3.3	12.9	250	10.5	17.4	0.4	44
S039547		241	5.0	14.6	177	7.3	18.6	0.5	47
\$039548		262	3.1	13.8	167	7.6	18.0	0.5	49
\$039549		209	4.2	14.2	167	6.6	17.4	0.4	38
\$039550		121	4.2	11.5	1880	48.1	29.0	0.4	91
\$039551		250	3.9	12.6	222	7.5	17.9	0.4	42
\$039552		254	3.8	13.6	211	7.2	16.4	0.4	47
\$039553 \$039554 \$039555 \$039556 \$039557		218 243 244 250 244	4.7 3.0 2.8 2.5 2.3	13.7 13.8 11.7 11.4 12.9	160 204 228 207 202	8.8 8.2 8.7 7.9 7.3	16.4 17.5 18.7 19.1 18.6	0.4 0.4 0.4 0.5	44 52 55 54 54
\$039558		243	2.0	13.9	180	10.7	19.8	0.4	53
\$039559		225	1.9	14.6	189	9.0	19.5	0.5	55
\$039560		4	0.1	2.3	6	1.4	3.1	<0.1	<5
\$039561		238	9.0	14.3	251	9.6	18.0	0.4	48
\$039562		212	5.4	11.8	248	9.5	19.5	0.4	46
\$039563		239	1.3	14.2	222	9.1	19.6	0.4	53
\$039564		236	1.6	14.5	223	9.4	20.3	0.5	55
\$039565		230	2.3	12.6	235	10.2	19.4	0.5	52
\$039566		239	2.6	13.8	385	8.9	16.8	0.4	41
\$039566CD		241	2.6	13.3	389	10.5	17.2	0.4	39
\$039567		240	2.3	13.7	289	9.7	20.5	0.5	61
\$039568		243	1.7	14.1	653	12.8	19.3	0.5	50
\$039569		265	1.9	20.0	479	15.3	17.5	0.5	46
\$039570		139	2.3	8.7	200	40.7	31.9	0.4	73
\$039571		252	1.9	17.3	272	15.4	17.4	0.5	48
\$039572 \$039573 \$039574 \$039575 \$039576		251 283 236 267 261	1.8 1.6 1.9 1.3	18.9 15.5 15.4 16.9 16.7	240 298 203 280 296	11.2 12.0 9.9 15.2 12.5	17.9 19.8 16.9 19.4 20.3	0.6 0.6 0.5 0.5	56 54 38 54 53



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CERTIFICATE OF ANALYSIS VA20200301

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								<u> </u>								
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$039577		6.18	0.170	0.60	7.63	5.1	3120	0.71	0.04	4.95	6.19	13.60	26.8	47	3.15	127.0
\$039578		6.52	0.322	1.07	8.27	6.7	1210	0.69	0.04	3.47	0.95	9.20	27.2	46	3.79	172.5
\$039579		5.82	0.291	1.21	8.14	7.6	1840	0.71	0.04	3.43	1.34	10.20	34.2	61	4.39	212
\$039580		0.98	<0.005	0.01	0.11	0.8	70	0.08	0.01	33.7	0.04	1.05	0.8	1	0.06	2.6
\$039581		5.52	0.282	0.93	7.36	5.0	1140	0.60	0.03	4.23	0.69	8.75	27.4	55	2.90	175.0
\$039582		6.42	0.217	0.78	7.64	3.9	2970	0.68	0.03	3.82	1.20	9.38	26.5	61	3.20	178.0
\$039583		5.42	0.184	0.90	7.36	7.0	3760	0.71	0.03	4.68	0.69	9.35	32.1	57	3.26	288
\$039584		5.42	0.109	0.35	7.50	4.1	3080	0.69	0.02	4.80	0.41	10.40	22.9	63	3.12	89.6
\$039585		6.30	0.350	0.70	7.76	4.2	3230	0.57	0.03	3.45	1.25	9.53	31.7	60	4.03	132.0
\$039586		5.22	0.312	0.73	7.05	4.7	1530	0.62	0.02	3.54	0.73	8.24	31.9	59	4.63	161.0
\$039586CD		<0.02	0.214	0.77	7.49	4.5	2470	0.59	0.03	3.60	0.75	8.55	31.5	60	4.63	161.0
\$039587		6.88	0.208	0.59	7.83	2.7	5710	0.61	0.02	3.97	0.62	9.68	27.6	59	4.47	119.0
\$039588		5.86	0.230	0.97	7.14	48.4	1740	0.70	0.04	6.82	0.40	9.39	29.3	47	4.97	136.5
\$039589		7.04	0.333	0.94	7.56	20.4	780	0.76	0.07	5.17	0.30	8.98	33.5	54	6.02	172.5
\$039590		0.16	0.995	12.40	5.97	313	540	1.12	0.17	3.60	4.46	22.7	11.0	26	6.86	86.5
\$039591		5.86	0.330	0.93	7.47	3.5	840	0.64	0.05	4.69	0.29	8.74	28.9	55	4.78	268
\$039592		5.62	0.433	0.76	7.09	14.9	450	0.72	0.08	4.00	0.29	7.25	28.5	68	5.30	253
\$039593		5.08	0.426	0.84	6.81	7.1	290	0.67	0.09	3.65	0.76	6.30	30.4	80	6.00	193.0
\$039594		4.62	0.387	0.75	7.03	3.5	770	0.76	0.08	3.87	0.87	8.35	28.2	72	5.49	207
\$039595		5.30	0.501	1.21	7.12	9.6	930	0.87	0.07	4.96	2.25	13.50	35.6	47	5.84	187.5
S039596		4.46	0.181	0.82	7.21	10.2	1120	0.87	0.05	6.40	0.92	17.50	27.4	29	5.39	165.5
S039597		4.86	0.196	0.53	7.46	4.5	1070	0.65	0.03	4.24	0.89	12.90	28.4	28	3.61	196.5



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS)									C	ERTIFIC	CATE O	F ANAL	_YSIS	VA202	00301	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$039577		6.52	13.30	0.12	0.6	0.134	4.15	6.1	29.1	2.98	2280	5.09	1.50	3.5	23.2	1710
\$039578		5.77	14.80	0.19	0.4	0.066	4.77	4.2	33.5	2.53	1810	30.9	2.16	3.2	24.5	1550
\$039579		6.58	14.25	0.17	0.7	0.100	4.82	4.8	40.9	3.63	2170	4.30	1.58	3.0	33.1	1480
\$039580		0.17	0.31	0.08	<0.1	0.008	0.04	1.2	1.4	2.01	161	0.12	0.03	0.1	0.9	80
\$039581		6.04	12.30	0.12	0.4	0.091	4.54	4.0	27.7	2.99	1960	9.87	1.94	2.9	27.7	1410
\$039582		5.75	12.85	0.10	0.3	0.100	4.27	4.5	39.1	2.83	1940	19.35	2.07	2.9	26.9	1480
\$039583		5.62	13.25	0.11	0.3	0.103	3.61	4.4	36.0	2.44	1940	27.1	2.41	3.0	30.1	1400
\$039584		5.26	13.40	0.09	0.5	0.110	3.02	4.7	30.9	2.59	1920	256	2.66	2.9	29.1	1430
\$039585		5.70	13.80	0.14	0.4	0.112	4.27	4.5	34.9	3.37	1960	8.80	2.05	2.9	30.0	1390
\$039586		5.61	12.85	0.14	0.3	0.068	3.53	3.7	46.6	3.06	1740	13.40	1.91	2.7	29.2	1330
S039586CD S039587 S039588 S039589 S039590		5.68 5.80 5.49 6.03 3.95	12.90 13.00 12.15 12.95 13.35	0.13 0.13 0.13 0.15 0.12	0.3 0.3 0.3 0.3	0.069 0.098 0.072 0.062 0.049	3.58 3.97 4.23 5.05 3.83	3.9 4.7 4.4 4.2 11.4	46.9 54.9 34.4 27.2 13.1	3.16 3.22 2.05 1.68 0.54	1740 1820 1880 1540 1400	15.10 2.78 5.04 2.05 10.20	1.94 1.59 1.37 1.51 0.21	2.7 2.8 2.7 2.8 4.9	29.8 29.8 27.4 32.2 21.3	1350 1340 1270 1370 920
\$039591		5.80	12.75	0.15	0.4	0.061	4.51	4.2	25.8	1.81	1560	3.63	2.02	2.6	27.9	1350
\$039592		5.71	11.60	0.17	0.3	0.071	5.00	3.4	22.8	1.46	1340	7.50	1.49	2.6	28.3	1380
\$039593		5.92	13.30	0.17	0.2	0.048	5.65	2.6	23.3	1.36	1300	14.45	1.21	2.6	31.2	1450
\$039594		4.99	13.40	0.16	0.2	0.039	5.56	3.7	34.8	1.98	1480	10.45	1.10	2.8	27.0	1470
\$039595		7.45	14.05	0.17	0.3	0.099	3.82	6.1	55.8	3.25	2020	4.03	0.85	3.0	29.8	1610
S039596		6.14	12.90	0.14	0.6	0.093	4.01	7.9	29.6	2.13	1850	1.70	0.79	3.6	19.4	1890
S039597		6.29	13.20	0.13	0.3	0.094	3.87	5.7	38.2	2.79	1810	3.74	1.59	3.4	20.8	1880



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

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(ALS									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	00301	
Sample Description	Method	ME-MS61														
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	%	ppm	ppm							
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$039577		15.0	122.0	0.044	0.91	3.38	42.7	8	3.5	752	0.20	<0.05	0.77	0.407	0.98	0.4
\$039578		17.8	127.5	0.356	2.42	2.80	31.4	22	2.2	664	0.18	<0.05	0.54	0.366	1.26	0.3
\$039579		13.1	164.0	0.036	2.55	2.49	42.6	24	2.4	623	0.17	<0.05	0.66	0.374	1.27	0.3
\$039580		0.6	1.0	<0.002	0.01	0.12	0.4	1	<0.2	87.2	<0.05	<0.05	0.07	0.007	0.02	0.1
\$039581		11.2	103.5	0.069	2.31	1.99	35.3	17	2.6	511	0.15	<0.05	0.45	0.349	1.14	0.3
\$039582		11.3	109.5	0.108	1.26	1.93	37.1	12	3.3	411	0.17	<0.05	0.56	0.356	1.09	0.3
\$039583		9.9	90.4	0.175	1.06	1.51	37.4	10	3.6	398	0.16	<0.05	0.57	0.351	0.90	0.3
\$039584		6.7	87.7	2.63	0.38	1.63	39.7	2	4.0	556	0.17	<0.05	0.79	0.360	0.79	0.3
\$039585		14.8	121.5	0.081	1.62	2.34	37.5	16	3.6	896	0.16	<0.05	0.56	0.357	1.03	0.3
\$039586		14.6	95.1	0.168	1.67	2.59	37.6	19	2.2	1030	0.15	<0.05	0.48	0.332	0.96	0.3
\$039586CD		14.8	103.0	0.179	1.69	2.67	37.1	18	2.2	1055	0.15	<0.05	0.47	0.340	0.97	0.2
\$039587		19.3	129.5	0.040	0.91	2.50	37.4	9	3.0	1470	0.16	<0.05	0.56	0.334	1.13	0.3
\$039588		10.5	145.5	0.065	2.46	3.11	34.2	13	2.4	628	0.16	<0.05	0.48	0.342	1.32	0.3
\$039589		16.1	174.0	0.013	3.70	2.66	38.0	21	1.8	296	0.16	0.05	0.54	0.331	1.56	0.4
\$039590		152.0	168.0	0.010	2.86	19.95	11.3	2	1.7	190.0	0.26	0.30	2.77	0.248	3.01	1.6
\$039591		12.7	124.0	0.028	3.01	3.24	33.3	17	1.8	341	0.16	<0.05	0.51	0.325	1.33	0.2
\$039592		17.2	152.0	0.048	3.36	3.45	33.9	21	1.9	253	0.15	<0.05	0.52	0.316	1.52	0.2
\$039593		22.8	123.0	0.058	3.84	3.20	36.3	29	1.9	211	0.15	<0.05	0.42	0.336	1.81	0.2
\$039594		30.9	133.0	0.048	2.70	4.58	37.5	26	2.0	299	0.16	<0.05	0.48	0.329	1.71	0.2
\$039595		37.7	134.0	0.029	3.73	7.93	38.0	25	2.4	348	0.17	<0.05	0.76	0.346	1.18	0.2
S039596		22.8	148.0	0.011	3.07	5.30	33.9	11	2.0	415	0.19	<0.05	0.96	0.379	1.25	0.6
S039597		25.3	111.5	0.035	2.18	4.50	33.8	11	1.8	462	0.19	<0.05	0.77	0.377	1.19	0.4



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To: PRETIVM **SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET VANCOUVER BC V7X 1L4** 

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ME-MS61 V ppm 1 270 244 258 3 236 246 236 241 236 232 235 230	ME-MS61 W ppm 0.1 1.6 1.5 1.2 <0.1 1.0 1.2 2.2 2.1 1.1 1.2	ME-MS61 Y ppm 0.1 16.3 13.2 16.2 2.5 13.9 13.6 15.3 15.5 14.7	ME-MS61 Zn ppm 2 424 208 247 6 208 239 214 185 236	ME-MS61 Zr ppm 0.5 13.9 7.6 15.8 1.5 8.8 7.4 7.9 11.1	pXRF-34 Si % 0.5 20.4 20.7 21.4 3.5 20.6 20.1 19.7 21.2	pXRF-34 Ti % 0.1 0.5 0.5 0.5 <0.1 0.4 0.5 0.5	pXRF-34 Zr ppm 5 54 48 46 <5 47 41 46			
244 258 3 236 246 236 241 236 232 235	1.5 1.2 <0.1 1.0 1.2 2.2 2.1 1.1	13.2 16.2 2.5 13.9 13.6 15.3 15.5 14.7	208 247 6 208 239 214 185 236	7.6 15.8 1.5 8.8 7.4 7.9 11.1	20.7 21.4 3.5 20.6 20.1 19.7	0.5 0.5 <0.1 0.4	48 46 <5 47			
244 258 3 236 246 236 241 236 232 235	1.5 1.2 <0.1 1.0 1.2 2.2 2.1 1.1	13.2 16.2 2.5 13.9 13.6 15.3 15.5 14.7	208 247 6 208 239 214 185 236	7.6 15.8 1.5 8.8 7.4 7.9 11.1	20.7 21.4 3.5 20.6 20.1 19.7	0.5 0.5 <0.1 0.4	48 46 <5 47			
258 3 236 246 236 241 236 232 235	1.2 <0.1 1.0 1.2 2.2 2.1 1.1	16.2 2.5 13.9 13.6 15.3 15.5 14.7	247 6 208 239 214 185 236	15.8 1.5 8.8 7.4 7.9 11.1	21.4 3.5 20.6 20.1 19.7	0.5 <0.1 0.4 0.5	46 <5 47			
3 236 246 236 241 236 232 235	<0.1 1.0 1.2 2.2 2.1 1.1 1.2	2.5 13.9 13.6 15.3 15.5 14.7	6 208 239 214 185 236	1.5 8.8 7.4 7.9 11.1	3.5 20.6 20.1 19.7	<0.1 0.4 0.5	<5 47 41			
236 246 236 241 236 232 235	1.0 1.2 2.2 2.1 1.1 1.2	13.9 13.6 15.3 15.5 14.7	208 239 214 185 236	8.8 7.4 7.9 11.1	20.6 20.1 19.7	0.4	47 41			
246 236 241 236 232	2.2 2.1 1.1 1.2	15.3 15.5 14.7	239 214 185 236	7.4 7.9 11.1	19.7					
236 241 236 232 235	2.2 2.1 1.1 1.2	15.3 15.5 14.7	214 185 236	7.9 11.1	19.7					
241 236 232 235	2.1 1.1 1.2	15.5 14.7	185 236	11.1						
236 232 235	1.1 1.2	14.7	236			0.5	47			
232 235	1.2				20.5	0.5	53			
235		13.0	220	8.6 6.6	20.3	0.5	58			
	1.3									
230		13.8	223	6.6	20.3	0.6	54			
	1.3	13.9	265	7.0	19.5	0.8	62			
227	3.8	13.2	182	6.8	17.8	0.6	46			
237	2.5	13.6	149	8.5	19.4	0.5	41			
104	5.2	9.0	489	37.9	26.3	0.4	82			
221	2.0	13.0	169	6.0	19.1	0.4	42			
220	2.4	10.7	175	7.4	21.4	0.5	43			
240	3.1	10.1	185	5.7	21.5	0.5	39			
230	2.9	13.2	190	5.4	20.7	0.5	44			
263	3.5	15.3	294	16.6	18.0	0.4	43			
247	3.3	19.0	175	11.5	18.9	0.5	50			
266	2.0	15.0	228	7.6	19.9	0.6	50			
	220 240 230 263	220 2.4 240 3.1 230 2.9 263 3.5 247 3.3	220     2.4     10.7       240     3.1     10.1       230     2.9     13.2       263     3.5     15.3       247     3.3     19.0	220     2.4     10.7     175       240     3.1     10.1     185       230     2.9     13.2     190       263     3.5     15.3     294       247     3.3     19.0     175	220     2.4     10.7     175     7.4       240     3.1     10.1     185     5.7       230     2.9     13.2     190     5.4       263     3.5     15.3     294     16.6       247     3.3     19.0     175     11.5	220     2.4     10.7     175     7.4     21.4       240     3.1     10.1     185     5.7     21.5       230     2.9     13.2     190     5.4     20.7       263     3.5     15.3     294     16.6     18.0       247     3.3     19.0     175     11.5     18.9	220     2.4     10.7     175     7.4     21.4     0.5       240     3.1     10.1     185     5.7     21.5     0.5       230     2.9     13.2     190     5.4     20.7     0.5       263     3.5     15.3     294     16.6     18.0     0.4       247     3.3     19.0     175     11.5     18.9     0.5	220     2.4     10.7     175     7.4     21.4     0.5     43       240     3.1     10.1     185     5.7     21.5     0.5     39       230     2.9     13.2     190     5.4     20.7     0.5     44       263     3.5     15.3     294     16.6     18.0     0.4     43       247     3.3     19.0     175     11.5     18.9     0.5     50	220     2.4     10.7     175     7.4     21.4     0.5     43       240     3.1     10.1     185     5.7     21.5     0.5     39       230     2.9     13.2     190     5.4     20.7     0.5     44       263     3.5     15.3     294     16.6     18.0     0.4     43       247     3.3     19.0     175     11.5     18.9     0.5     50	220     2.4     10.7     175     7.4     21.4     0.5     43       240     3.1     10.1     185     5.7     21.5     0.5     39       230     2.9     13.2     190     5.4     20.7     0.5     44       263     3.5     15.3     294     16.6     18.0     0.4     43       247     3.3     19.0     175     11.5     18.9     0.5     50



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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CERTIFICATE OF ANA	LYSIS VA20200301
	LIJIJ VAZVZVVJVI

			KTITIE/KTE OT / ((V/ETSIS	7/120200301
	CERTI	FICATE COMMENTS		
		ANALYTICAL CON	/MENTS	
Applies to Method:	REEs may not be totally soluble in this method ME-MS61			
		LABORATORY ADI	DRESSES	
	Processed at ALS Vancouver located at 2103 D			
Applies to Method:	Au-AA23 BAG-01 LOG-21 LOG-21 PUL-32m PUL-32i SPL-21 SPL-21c	d md	CRU-31 LOG-23 PUL-QC WEI-21	CRU-QC ME-MS61 pXRF-34



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27-JAN-2021 **Account: PREBOW** 

## VA20200302

Project: Bowser Regional Project

P.O. No.: BOW-1107

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 10-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
KEN MCNAUGHTON	STEPHAINE WAFFORN	

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS)	,								CERTIFICATE OF ANALYSIS					S VA20200302			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	
\$039401		4.80	0.157	17.45	7.36	11.8	870	1.16	0.04	4.25	19.35	32.2	11.1	37	5.28	347	
\$039402		5.28	0.255	1.14	7.58	5.6	1490	1.31	0.04	4.66	2.47	33.1	13.5	32	10.65	376	
\$039403		6.08	0.169	0.86	7.68	3.4	990	0.82	0.03	1.95	0.41	24.3	11.6	40	2.20	307	
\$039404		5.64	0.238	1.07	8.03	4.7	1020	1.30	0.04	4.77	0.87	36.7	11.2	39	3.24	298	
\$039405		5.26	0.267	0.72	7.71	5.0	1290	1.21	0.05	2.23	1.02	26.0	11.7	37	4.10	203	
S039406		6.52	0.180	6.12	7.46	11.3	1230	1.41	0.05	4.78	1.71	35.5	17.5	42	5.30	343	
S039406CD		<0.02	0.185	7.24	7.14	12.3	1170	1.32	0.04	4.61	1.96	33.9	16.4	40	4.99	348	
S039407		5.24	0.191	1.01	7.55	4.6	1250	1.18	0.04	4.49	1.09	32.2	14.3	35	5.34	372	
S039408		4.88	0.159	0.87	7.94	5.2	1330	1.35	0.05	4.60	1.38	38.2	15.8	35	8.11	361	
S039409		5.98	0.200	1.06	7.47	10.2	1170	1.02	0.06	5.69	1.07	40.4	12.1	22	4.18	287	
\$039410		0.16	1.155	12.55	6.66	326	1420	1.01	0.16	3.81	4.51	28.8	10.9	29	7.13	87.6	
\$039411		6.10	0.283	0.68	6.76	6.7	1380	1.24	0.06	6.19	0.43	31.8	11.1	20	5.14	213	
\$039412		6.10	0.223	1.00	7.90	5.0	1830	1.39	0.08	3.47	0.85	37.5	14.1	32	3.48	348	
\$039413		5.82	0.262	0.89	7.95	4.3	1000	1.08	0.06	4.12	0.86	30.1	13.1	37	3.13	336	
\$039414		5.00	0.233	0.62	7.76	3.9	1180	0.88	0.07	3.40	0.29	23.4	10.8	36	3.79	211	
\$039415		5.08	0.282	0.80	7.83	13.4	1030	1.08	0.05	3.60	0.30	18.65	7.6	42	5.81	243	
\$039416		5.52	0.242	0.67	7.39	4.5	1310	1.14	0.07	3.51	0.35	27.2	9.9	39	6.53	225	
\$039417		6.42	0.244	0.63	7.59	5.0	1850	0.98	0.06	2.29	0.29	20.4	9.6	41	6.64	161.0	
\$039418		5.72	0.347	1.03	7.99	8.2	1630	1.19	0.08	2.14	0.38	30.1	12.1	41	7.15	272	
\$039419		5.88	0.261	0.83	7.50	5.5	1300	1.17	0.07	2.43	0.30	24.3	12.9	40	6.05	297	
\$039420		0.62	<0.005	0.03	0.15	0.5	40	0.08	0.01	33.7	0.04	1.23	0.7	2	0.09	3.4	
\$039421		5.66	0.245	0.85	7.96	11.7	1140	1.13	0.06	2.56	0.38	28.2	9.7	41	6.86	206	
\$039422		5.32	0.189	0.57	7.89	5.3	1420	1.42	0.05	2.61	0.34	27.6	9.8	38	9.25	217	
\$039423		5.44	0.165	0.44	6.59	4.9	1850	1.33	0.05	9.47	0.77	25.8	8.5	23	8.03	186.0	
\$039424		6.20	0.407	1.00	8.27	6.4	1850	1.22	0.10	2.58	0.44	36.6	13.4	37	6.42	386	
\$039425		6.68	0.423	1.45	7.77	7.9	2750	1.10	0.08	5.47	1.01	47.6	15.9	29	4.59	529	
\$039426		6.12	0.253	0.79	6.97	12.2	1900	0.99	0.03	4.07	0.37	33.2	8.7	31	5.73	248	
\$039426CD		<0.02	0.202	0.79	6.93	11.3	1890	0.89	0.03	3.96	0.42	32.6	8.5	32	5.55	239	
\$039427		6.72	0.190	1.03	7.11	10.6	2290	1.04	0.04	6.05	0.31	22.3	8.7	33	8.67	280	
\$039428		6.02	0.495	2.06	7.03	20.1	2030	1.19	0.07	5.51	0.88	30.6	20.4	34	6.94	521	
\$039429		5.98	0.370	2.19	7.39	29.9	2440	0.66	0.05	6.33	0.67	33.8	15.5	35	3.97	499	
\$039430		0.16	5.57	88.8	6.84	313	1600	1.03	1.22	2.12	24.3	31.7	11.5	25	8.34	127.5	
\$039431		5.60	0.254	1.95	7.75	17.8	1730	1.15	0.05	2.26	0.97	25.0	13.7	39	5.75	412	
\$039432		4.90	0.329	1.10	7.86	5.3	1490	1.12	0.04	2.21	0.32	22.4	11.3	47	5.79	410	
\$039433		4.66	0.771	1.61	7.95	16.6	2510	1.23	0.05	2.88	0.62	25.3	16.1	42	4.89	608	
\$039434		7.06	0.426	1.27	8.03	8.9	2390	1.34	0.05	2.84	0.56	25.5	12.9	42	4.95	421	
\$039435		6.28	0.332	1.02	7.29	5.0	1410	1.22	0.05	1.68	0.30	16.90	8.7	36	5.93	336	
\$039436		6.32	0.287	1.46	7.42	13.3	1160	1.04	0.07	1.34	0.34	19.15	10.0	39	5.42	410	
\$039437		6.32	0.274	1.04	7.78	4.0	1900	1.15	0.10	1.74	0.41	19.80	11.4	39	5.05	339	
\$039438		6.18	0.407	1.32	7.25	25.9	1640	0.98	0.08	1.74	0.55	17.95	11.2	44	5.07	385	



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20200302

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									CERTIFICATE OF ANALETSI				15 V/120200302			
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61							
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$039401		3.33	15.65	0.13	1.3	0.076	3.63	14.9	21.0	1.67	1520	32.4	2.29	4.3	19.5	850
\$039402		3.45	16.80	0.16	1.3	0.098	4.42	14.2	39.1	2.56	1620	51.2	1.79	4.8	21.8	980
\$039403		3.13	16.80	0.16	0.8	0.015	3.48	10.2	19.4	1.28	837	17.35	3.18	4.3	16.7	980
\$039404		3.37	18.85	0.18	1.5	0.078	4.17	16.8	18.9	1.48	1650	25.7	2.86	5.1	21.5	1080
\$039405		2.88	17.00	0.17	1.0	0.058	3.77	10.5	22.0	1.87	1120	16.65	2.93	3.9	16.7	860
\$039406		4.41	17.05	0.18	1.4	0.088	3.60	17.6	33.9	3.21	1890	20.8	1.95	4.2	48.4	1010
\$039406CD		4.24	16.10	0.16	1.2	0.080	3.40	17.0	31.3	3.05	1800	20.1	1.86	4.1	46.1	970
\$039407		3.61	16.60	0.18	1.2	0.122	3.99	15.4	22.2	3.24	1770	21.5	2.38	4.3	35.9	950
\$039408		4.02	17.35	0.20	2.3	0.108	4.40	17.8	30.1	4.05	1860	42.0	2.18	4.3	41.5	1180
\$039409		3.85	16.45	0.19	1.7	0.141	2.56	18.6	64.0	6.10	2200	31.4	1.66	4.5	20.4	920
\$039410		4.10	13.40	0.15	1.2	0.056	4.06	12.9	13.9	0.58	1460	10.15	0.22	4.8	22.4	990
\$039411		3.67	14.90	0.17	1.6	0.168	2.78	14.1	50.7	7.40	2460	54.0	1.29	3.9	23.5	970
\$039412		3.54	18.70	0.19	1.4	0.077	5.36	16.1	20.2	2.33	1360	59.9	2.11	5.4	21.7	960
\$039413		4.61	17.35	0.18	0.9	0.099	2.98	16.4	29.1	2.47	1440	24.5	2.63	4.1	16.5	1270
\$039414		3.11	16.05	0.15	0.8	0.054	3.82	10.5	22.5	1.63	1160	27.0	2.62	4.2	15.4	1160
\$039415		2.85	15.45	0.16	0.7	0.059	3.74	8.0	25.1	1.67	1200	28.9	2.28	3.8	12.1	870
\$039416		2.89	16.30	0.18	1.0	0.056	4.41	10.8	30.9	1.94	1370	82.2	1.90	4.7	16.2	1120
\$039417		3.12	17.00	0.15	0.9	0.031	5.06	7.9	30.1	1.59	987	6.91	1.75	4.4	16.4	940
\$039418		3.26	17.25	0.20	1.1	0.025	4.99	12.4	35.9	1.54	832	67.2	1.78	4.9	17.5	790
\$039419		3.37	16.60	0.18	1.1	0.031	4.50	9.4	34.6	1.67	935	29.7	2.04	4.6	19.2	980
\$039420		0.14	0.41	0.15	<0.1	0.007	0.06	1.2	1.9	2.53	137	0.52	0.04	0.1	1.0	100
\$039421		3.26	17.30	0.17	1.2	0.042	4.14	11.5	35.5	1.62	880	15.80	2.26	5.0	16.7	840
\$039422		3.10	17.05	0.17	1.3	0.039	4.12	11.0	44.9	2.37	1090	28.0	1.89	5.2	17.0	990
\$039423		2.78	13.05	0.16	1.5	0.023	3.74	11.2	39.2	2.57	1220	18.00	1.16	4.3	12.5	800
\$039424		4.30	17.30	0.18	1.4	0.045	4.34	18.2	37.3	1.95	1000	18.10	2.16	5.8	17.4	970
\$039425		4.11	16.85	0.20	1.8	0.076	5.32	25.9	28.8	2.20	1580	38.3	1.42	5.8	22.3	980
\$039426		3.05	14.20	0.16	1.2	0.114	2.98	14.7	62.1	5.83	2080	53.3	0.67	4.3	17.9	1030
\$039426CD		3.04	14.10	0.18	1.2	0.109	2.95	14.2	62.0	5.79	2100	55.2	0.66	4.2	18.0	1010
\$039427		2.38	13.80	0.18	0.9	0.115	4.77	9.1	23.5	1.75	1630	30.1	1.32	4.0	15.2	960
\$039428		4.29	16.55	0.17	1.3	0.131	3.95	15.9	34.9	2.96	1900	99.0	0.74	4.6	24.3	1120
\$039429		3.50	15.15	0.16	1.0	0.067	4.48	17.5	19.3	1.20	1430	53.5	1.94	4.4	19.8	1020
\$039430		5.03	14.00	0.17	1.4	1.580	3.98	15.8	14.5	0.51	1250	10.70	0.24	5.4	18.1	1040
\$039431		3.86	18.65	0.16	0.9	0.035	4.79	9.9	24.5	1.16	889	111.5	2.02	5.1	21.0	1080
\$039432		3.21	16.50	0.17	0.8	0.023	4.37	9.1	27.4	1.19	796	98.2	2.28	4.2	15.6	890
\$039433		4.95	18.80	0.17	0.9	0.052	3.57	11.0	33.3	1.41	992	36.9	2.57	4.6	20.3	960
\$039434		4.26	17.50	0.18	0.8	0.070	3.45	10.8	31.8	1.64	1050	47.7	2.64	4.3	16.1	1000
\$039435		2.46	16.35	0.17	0.7	0.020	4.08	7.5	19.3	0.96	596	76.6	2.48	4.3	12.6	650
\$039436		2.82	16.15	0.17	0.6	0.019	3.73	9.3	19.7	1.02	564	76.9	2.43	4.0	13.2	560
\$039437		2.95	18.60	0.14	0.9	0.015	4.39	9.6	21.6	1.09	625	34.5	2.55	4.7	14.2	760
\$039438		3.66	17.35	0.14	0.8	0.026	4.58	7.3	20.6	1.14	776	59.5	2.04	4.6	15.8	760



To: PRETIVM
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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	200302	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$039401		48.8	115.5	0.181	1.07	50.6	15.5	4	1.7	308	0.31	<0.05	3.65	0.313	1.00	2.4
\$039402		12.3	147.5	0.283	0.98	2.54	12.7	4	1.7	500	0.33	<0.05	3.64	0.329	1.21	2.6
\$039403		9.9	90.9	0.113	1.06	1.75	9.4	7	0.8	279	0.31	<0.05	2.64	0.319	0.84	1.2
\$039404		10.9	120.5	0.121	1.04	2.24	14.3	6	2.1	450	0.34	<0.05	3.80	0.365	1.03	2.0
\$039405		14.9	116.5	0.098	1.16	2.04	11.2	7	1.3	420	0.28	<0.05	2.65	0.301	0.95	1.4
\$039406		13.3	122.5	0.118	1.70	25.9	14.5	10	2.0	505	0.30	<0.05	3.76	0.326	1.06	2.4
\$039406CD		12.3	117.0	0.122	1.65	31.3	13.8	10	1.8	490	0.29	<0.05	3.55	0.319	0.97	2.2
\$039407		11.3	130.5	0.132	1.05	2.11	12.6	7	2.7	581	0.30	<0.05	3.64	0.318	1.04	2.7
\$039408		11.4	140.5	0.271	1.14	2.26	16.5	7	2.2	568	0.31	<0.05	4.23	0.336	1.20	3.6
\$039409		7.5	79.2	0.210	0.93	2.63	13.3	4	2.6	533	0.31	<0.05	4.07	0.345	0.87	4.6
\$039410		156.5	180.5	0.009	2.94	18.60	11.7	2	1.6	209	0.28	0.34	3.48	0.258	3.23	1.8
\$039411		7.5	94.4	0.236	0.65	1.89	13.5	3	2.9	558	0.28	<0.05	3.62	0.274	0.88	6.3
\$039412		17.9	132.5	0.445	1.27	1.72	12.3	8	2.0	733	0.36	<0.05	3.52	0.373	1.49	2.4
\$039413		13.3	88.1	0.187	1.28	1.22	10.4	6	2.2	437	0.29	<0.05	3.28	0.289	0.86	1.8
\$039414		11.3	114.0	0.253	0.81	1.88	8.3	5	1.9	352	0.30	<0.05	2.48	0.312	1.17	1.1
\$039415		11.6	124.5	0.269	0.75	2.07	7.9	3	2.0	286	0.27	<0.05	2.42	0.302	1.20	1.1
\$039416		11.1	114.5	0.664	0.85	1.95	10.7	3	2.2	313	0.33	<0.05	3.11	0.355	1.34	1.4
\$039417		10.0	129.0	0.073	1.09	2.89	8.9	3	1.6	257	0.31	<0.05	2.14	0.319	1.66	1.1
\$039418		23.5	161.0	0.719	1.35	4.35	9.7	5	1.5	249	0.35	<0.05	3.06	0.324	1.78	1.3
\$039419		13.6	110.5	0.421	1.20	2.06	9.9	4	1.4	295	0.34	<0.05	3.15	0.327	1.60	1.4
\$039420 \$039421 \$039422 \$039423 \$039424		11.9 29.0 10.4 10.2 16.4	1.9 140.0 123.5 135.0 138.5	0.005 0.206 0.399 0.236 0.220	<0.01 1.05 0.72 0.78 1.58	0.17 2.11 2.18 1.98 1.69	0.2 10.3 11.5 9.6 12.8	1 4 3 3 7	<0.2 1.6 1.4 1.1	82.2 309 293 275 347	<0.05 0.36 0.38 0.31 0.43	<0.05 <0.05 <0.05 <0.05 <0.05	0.12 3.64 3.95 5.12 5.52	0.007 0.326 0.347 0.255 0.336	0.03 1.60 1.46 1.28 1.45	0.1 1.5 2.1 3.4 2.4
\$039425		18.5	142.5	0.354	1.59	1.38	12.9	8	2.1	550	0.44	<0.05	6.61	0.299	1.44	3.3
\$039426		6.3	88.0	0.353	0.38	2.36	10.4	1	2.4	276	0.29	<0.05	3.31	0.277	0.89	2.5
\$039426CD		6.4	87.1	0.347	0.36	2.29	10.4	2	2.5	272	0.31	<0.05	3.34	0.277	0.90	2.5
\$039427		5.3	135.0	0.182	0.56	1.95	8.6	2	2.2	341	0.28	<0.05	2.57	0.275	1.39	1.6
\$039428		10.0	136.0	0.747	0.99	2.96	12.1	4	3.0	436	0.31	<0.05	3.83	0.279	1.18	4.3
\$039429		10.1	126.5	0.412	1.10	2.61	11.4	4	2.5	344	0.30	<0.05	3.36	0.313	1.16	1.8
\$039430		9330	176.5	0.007	3.17	84.3	13.3	3	4.3	160.5	0.37	0.33	4.40	0.263	3.47	2.2
\$039431		15.8	134.0	1.075	1.26	3.46	11.8	6	1.6	304	0.34	<0.05	2.92	0.350	1.48	1.3
\$039432		9.0	130.5	0.851	0.88	1.56	9.8	3	1.2	306	0.31	<0.05	2.50	0.331	1.28	1.3
\$039433		9.2	107.0	0.358	1.46	2.28	11.2	5	2.3	396	0.34	<0.05	2.63	0.336	1.15	1.6
\$039434		10.3	109.0	0.386	1.05	2.24	11.1	3	2.1	611	0.30	<0.05	2.94	0.327	1.07	1.4
\$039435		12.1	119.5	0.581	0.63	2.73	8.9	3	1.1	254	0.27	<0.05	1.92	0.274	1.15	1.0
\$039436		9.8	128.5	0.652	1.06	3.63	8.2	5	1.1	205	0.25	<0.05	2.14	0.273	1.21	1.0
\$039437		13.7	124.0	0.340	1.01	1.17	10.2	5	1.2	281	0.31	<0.05	2.78	0.299	1.19	1.3
\$039438		14.5	121.0	0.486	1.49	1.36	10.6	6	1.3	224	0.28	<0.05	2.15	0.321	1.29	1.0



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CERTIFICATE OF ANALYSIS VA20200302

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										ERTIFICATE OF ANALTSIS	VA20200302
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5		
	LOD		0.1	0.1		0.5		0.1			
S039401		127	14.3	17.6	1420	48.9	23.2	0.4	123		
S039402		144	2.0	17.3	172	45.4	21.6	0.4	114		
S039403		114	2.5	12.8	105	25.5	25.7	0.4	124		
S039404		140	2.6	21.3	124	37.7	22.2	0.4	121		
S039405		114	2.1	13.8	105	30.9	25.9	0.4	112		
S039406		141	7.3	20.3	158	38.5	21.7	0.4	98		
S039406CD		134	7.1	20.0	154	41.2	21.6	0.4	95		
S039407		124	1.6	17.1	136	41.0	22.8	0.4	98		
S039408		152	1.9	21.6	152	46.0	22.4	0.3	92		
S039409		133	1.9	19.0	278	56.6	20.4	0.3	88		
S039410		112	4.5	9.3	491	44.7	27.3	0.3	81		
S039411		198	1.1	18.5	239	51.0	20.5	0.3	82		
S039412		129	1.4	20.0	134	39.9	23.5	0.5	107		
S039413		112	2.9	15.1	141	25.8	22.8	0.3	115		
S039414		111	3.6	11.1	111	24.2	24.3	0.4	122		
S039415		107	5.0	8.6	97	20.3	25.5	0.3	104		
S039416		124	3.2	12.1	103	32.1	24.7	0.4	134		
S039417		113	2.9	9.1	98	33.8	25.6	0.4	150		
S039418		114	2.9	11.4	91	36.6	25.8	0.4	150		
S039419		116	2.6	12.3	102	36.1	26.1	0.4	143		
S039420		3	0.1	2.1	6	1.6	4.1	<0.1	7		
S039421		108	2.2	11.7	100	43.5	25.6	0.4	141		
S039422		122	2.2	15.0	114	48.1	24.7	0.4	150		
S039423		88	1.9	13.8	119	52.5	18.1	0.3	120		
S039424		116	3.2	19.3	132	50.3	24.6	0.4	126		
S039425		108	2.3	24.4	141	61.7	20.7	0.4	113		
S039426		110	2.1	15.4	312	37.4	22.6	0.3	97		
S039426CD		111	2.1	15.5	311	49.1	22.7	0.3	107		
S039427		101	5.0	13.9	85	24.1	21.2	0.4	94		
S039428		148	27.6	19.2	265	61.6	22.1	0.3	82		
S039429		110	5.4	14.5	113	26.2	21.8	0.4	107		
S039430		133	4.5	10.3	1940	51.2	28.2	0.3	74		
S039431		121	4.8	11.9	113	26.9	24.6	0.4	112		
S039432		117	3.5	9.9	92	25.2	26.1	0.4	145		
S039433		131	3.5	11.0	115	27.8	23.5	0.4	126		
S039434		117	3.6	12.6	119	27.8	25.4	0.4	126		
S039435		90	2.9	8.2	77	22.4	27.7	0.4	105		
S039436		95	2.8	7.1	72	20.7	28.1	0.3	114		
S039437		99	2.5	10.4	84	27.5	26.9	0.4	112		
S039438		110	4.1	9.2	101	23.0	27.1	0.4	128		



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20200302

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								<u></u>	CERTIFICATE OF ANALTSIS				3 VA20200302			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$039439		5.98	0.378	1.12	7.11	5.3	2440	1.12	0.07	4.12	0.39	23.5	15.6	42	3.89	355
\$039440		0.98	<0.005	0.01	0.08	0.6	20	0.08	0.01	32.2	<0.02	1.13	0.8	3	<0.05	3.3
\$039441		5.62	0.400	0.91	7.58	5.2	2370	1.34	0.06	1.85	0.51	24.8	14.6	41	3.75	345
\$039442		5.94	0.193	0.64	7.91	4.4	3480	1.17	0.05	1.86	0.45	20.1	11.6	43	4.01	237
\$039443		5.18	0.245	0.85	7.34	9.4	1510	1.09	0.06	4.29	0.43	17.70	11.1	42	5.43	300
\$039444		6.16	0.218	0.97	7.47	8.6	1640	1.26	0.06	1.93	0.46	20.2	16.2	44	4.98	291
\$039445		5.52	0.218	1.00	7.99	11.0	1920	1.51	0.05	2.09	0.60	22.9	16.0	43	3.12	344
\$039446		6.24	0.227	1.14	7.75	6.5	1450	1.30	0.06	1.90	0.48	20.1	12.1	46	3.54	390
\$039446CD		<0.02	0.229	1.05	7.16	5.9	1340	1.15	0.05	1.74	0.42	17.35	10.7	43	3.20	361
\$039447		5.94	0.275	0.98	7.19	4.6	1150	0.96	0.07	1.61	0.52	15.00	7.1	40	2.75	347
\$039448		6.28	0.235	0.96	7.37	5.1	1330	1.27	0.05	2.09	0.39	20.9	9.5	41	3.70	398
\$039449		6.60	0.200	0.81	6.56	5.0	1090	0.92	0.06	1.30	0.89	13.65	6.1	36	3.88	276
\$039450		0.12	1.030	24.5	5.54	359	310	1.33	0.91	0.61	1.60	28.3	13.7	18	7.91	111.5
\$039451		6.48	0.245	1.55	7.57	30.4	2040	1.24	0.06	1.96	0.48	25.9	19.1	42	5.63	545
\$039452		5.78	0.135	0.82	7.71	4.3	1770	1.11	0.05	1.51	0.72	19.85	10.8	34	3.72	333
\$039453		6.26	0.170	0.58	7.24	6.6	2420	1.14	0.04	2.00	0.36	17.80	10.7	48	3.34	298
\$039454		7.00	0.293	0.96	7.27	4.3	1520	1.03	0.06	1.26	1.09	17.45	8.6	44	3.16	413
\$039455		5.82	0.284	1.17	7.12	6.9	1160	1.17	0.06	1.65	0.84	19.05	14.2	42	3.31	425
\$039456		6.14	0.344	1.44	7.74	23.8	1250	1.59	0.07	3.10	0.74	22.2	20.0	38	4.63	451
\$039457		5.80	0.254	2.89	7.37	18.4	1160	1.33	0.06	3.70	1.32	27.4	19.7	38	5.10	496
\$039458		6.14	0.198	3.68	8.12	14.7	1400	1.48	0.07	2.30	0.69	28.6	19.1	42	4.42	363
\$039459		5.66	0.232	2.03	6.25	116.0	1480	1.36	0.03	10.90	0.50	44.2	17.5	7	4.13	72.5
\$039460		0.62	0.005	0.03	0.14	0.9	30	0.07	0.01	35.2	0.02	1.43	0.8	1	0.09	4.4
\$039461		6.20	0.092	4.93	7.58	39.4	1340	1.34	0.05	4.12	0.51	38.2	22.4	19	5.65	135.5
\$039462		5.94	0.175	0.95	7.58	14.3	990	0.97	0.07	2.13	0.45	24.2	14.0	38	3.56	203
S039463		6.30	0.188	2.18	6.86	30.4	1070	1.01	0.07	5.64	0.83	25.2	13.3	33	4.39	171.0
S039464		6.26	0.172	3.64	6.74	22.8	750	1.30	0.05	3.84	0.78	23.7	11.0	34	6.47	168.0
S039465		5.92	0.262	1.45	6.72	36.1	890	1.44	0.09	4.51	3.14	26.6	18.0	32	11.30	249
S039466		6.60	1.225	1.95	6.43	141.0	780	1.50	0.08	7.97	0.90	25.8	17.0	25	12.55	198.0
S039466CD		<0.02	1.240	2.06	6.39	147.0	770	1.60	0.08	8.79	1.04	29.6	18.4	24	12.35	204
\$039467		5.82	0.215	1.65	7.78	39.5	1060	1.72	0.09	3.36	0.40	24.0	20.1	34	15.85	238
\$039468		5.96	0.260	1.27	7.48	9.3	340	1.49	0.09	2.99	0.97	26.0	20.8	27	5.35	261
\$039469		6.98	0.212	1.10	7.16	8.5	330	1.17	0.07	2.31	0.24	17.90	15.0	26	5.03	211
\$039470		0.16	1.030	11.25	5.85	292	1270	1.00	0.17	3.51	4.40	24.8	9.6	26	6.49	84.5
\$039471		6.32	0.372	1.10	8.31	8.3	1910	1.62	0.06	1.83	0.19	26.6	16.7	28	8.32	249
\$039472		6.38	2.80	1.95	7.63	36.1	1470	1.89	0.07	2.25	0.27	19.05	17.4	28	8.40	277
\$039473		5.38	0.667	1.84	7.99	15.9	1800	1.76	0.07	3.51	0.23	25.2	20.9	28	3.55	360
\$039474		6.22	0.182	1.08	7.68	8.9	1290	1.51	0.06	2.83	0.36	20.0	15.7	28	2.32	281
\$039475		5.86	0.286	1.35	7.14	8.0	1510	1.46	0.06	4.06	0.80	25.1	19.8	24	2.30	449
\$039476		5.30	0.176	0.79	8.41	9.4	1520	2.04	0.04	2.13	0.22	28.8	17.6	28	5.20	299



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20200302

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									CERTIFICATE OF ANALTSIS			_ 1 313	3 VA20200302			
Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
S039439		3.33	16.80	0.16	0.9	0.071	4.80	10.9	17.2	0.90	1210	33.1	2.22	5.1	16.2	940
S039440		0.12	0.31 18.80	0.14 0.18	<0.1	<0.005 0.013	0.03 3.87	1.2 12.0	1.4 26.3	2.40 1.31	156 773	0.54 21.8	0.03 2.69	0.1 5.5	0.9 21.1	60 1180
S039441 S039442		3.87 3.33	18.10	0.16	1.1 0.9	0.013	3.07 4.11	10.0	20.3	1.08	639	21.6	2.88	5.5 4.8	15.3	770
S039442		3.29	17.95	0.14	1.0	0.013	4.11	8.5	15.3	1.14	711	38.9	2.71	5.0	16.3	770
S039444		3.96	18.35	0.17	0.8	0.012	3.86	8.2	17.2	1.13	802	20.4	2.72	5.2	17.9	960
S039445		4.58	20.4	0.17 0.15	0.9	0.019 0.023	3.86 4.13	9.5	22.8 18.9	1.27 0.96	873 686	33.3 33.7	3.17 2.90	6.0 5.0	21.5 13.9	1090
S039446 S039446CD		3.79 3.50	18.25 15.95	0.15	0.7 0.6	0.023	3.82	8.7 7.4	16.9	0.96	643	30.0	2.90	4.4	12.4	680 610
S039446CD		3.43	15.30	0.15	0.6	0.022	3.76	6.2	17.8	0.89	617	110.5	2.75	3.8	12.4	580
S039448		3.87	16.85	0.18	0.7	0.016	3.83	8.3	20.8	0.96	705	52.1	2.74	4.5	14.1	830
S039449		2.23	13.50	0.15	0.6	0.020	3.63	5.9	14.6	0.74	547	43.6	2.30	2.7	9.0	450
S039450		4.24	12.60	0.15	1.4	0.036 0.023	2.53 4.14	13.4	10.3	0.34	212 881	4.44	0.18	5.4	14.0	1190
S039451 S039452		4.47 2.98	20.2 15.60	0.14 0.15	1.2 0.9	0.023	4.14	11.3 8.7	23.0 17.0	1.36 0.97	650	35.3 43.8	2.32 2.63	5.9 4.0	23.4 13.9	1210 710
S039453		4.02	16.70	0.16	0.7	0.025	3.28	7.8	22.4	1.18	923	28.7	2.84	4.7	14.2	630
S039454		3.13	14.75	0.17	0.7	0.020	3.98	7.4	19.7	0.86	654	52.0	2.57	4.0	11.1	460
S039455		3.76	16.75	0.19	0.7	0.023	3.39	8.4	22.5	1.23	894	21.9	2.59	4.6	14.7	640
S039456		4.29 4.64	21.7	0.20	1.0	0.037	4.18	9.0	21.2	1.22	1180	32.4	2.97	6.3	23.7 22.6	1070
S039457			19.80	0.21	1.5	0.040	4.07	13.2	15.1	1.56	1540	31.1	2.44	6.1		1160
S039458		4.49	20.2	0.19	1.0	0.018	4.25	13.2	12.2	1.32	1160	23.3	2.65	6.5	23.2	1180
S039459		5.58	15.40	0.17	1.5	0.065	2.86	21.0	26.1	1.76	3370	4.48	0.14	6.7	5.2	1910
S039460		0.14	0.43	0.11	0.1	0.005	0.05	1.4	1.2	1.66	167	0.39	0.04	0.2	0.9	60
S039461		6.12	20.1	0.16	1.1	0.069	3.77	17.5	31.5	2.10	1600	11.10	1.45	8.5	13.1	2140
S039462		3.80	17.80	0.20	8.0	0.013	2.91	11.4	15.4	1.19	889	18.35	3.06	5.3	19.7	1230
S039463		3.95	16.85	0.16	8.0	0.013	2.92	12.2	14.2	1.40	1050	16.95	2.35	5.1	18.5	1100
S039464		3.13	17.85	0.15	0.9	0.015	3.24	10.7	15.3	1.25	1140	36.8	1.94	4.7	17.1	960
S039465		4.00	17.80	0.18	1.0	0.037	3.71	12.1	19.5	1.11	1380	41.1	1.10	5.6	31.1	1310
S039466		4.41	17.90	0.16	0.9	0.048	3.82	12.3	21.0	1.09	1820	24.9	0.08	4.8	26.6	1220
S039466CD		4.51	18.00	0.12	0.9	0.047	3.82	13.7	20.9	1.09	1980	23.0	0.08	4.7	27.3	1230
S039467		4.56	22.7	0.18	1.3	0.019	4.57	10.2	28.3	1.50	1150	16.10	0.47	6.1	29.5	1360
S039468		4.81	19.55	0.19	1.2	0.027	3.20	11.8	23.5	1.58	1240	9.21	2.55	4.9	23.5	1260
S039469		4.06	16.85	0.15	0.8	0.018	2.70	6.4	21.3	1.42	1050	22.2	2.62	4.1	22.4	1010
S039470		3.76	12.30	0.13	1.1	0.049	3.63	11.8	12.9	0.54	1330	9.51	0.20	4.9	19.8	870
S039471		3.76	20.4	0.19	8.0	0.013	4.45	12.4	22.0	1.27	862	34.7	1.99	5.0	20.2	1090
S039472		4.24	21.8	0.17	0.9	0.014	4.60	7.5	25.3	1.37	919	20.3	1.21	4.8	20.8	1140
S039473		4.76	20.9	0.18	1.1	0.032	3.73	10.4	24.3	1.38	1400	33.2	2.89	5.5	26.3	1340
S039474		4.47	18.95	0.17	0.9	0.046	2.59	8.1	24.7	1.49	1340	21.2	3.56	4.7	19.0	1070
S039475		5.30	18.80	0.15	0.9	0.051	2.89	11.4	28.7	1.71	1590	25.1	2.83	5.0	21.9	1150
S039476		3.93	21.7	0.18	1.2	0.020	4.64	13.8	27.6	1.18	891	26.9	2.34	5.1	22.3	1070



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20200302

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								<u> </u>	CERTIFICATE OF ANALTSIS			-1313	3 VA20200302			
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S039439		9.4	116.5	0.408	1.28	1.28	11.5	7	3.0	272	0.32	<0.05	2.62	0.363	1.28	1.4
S039440		<0.5	0.8	0.004	<0.01	0.06	0.2	1	<0.2	82.3	<0.05	<0.05	0.09	0.006	<0.02	0.1
S039441		12.1	104.5	0.244	1.45	1.44	12.8	8	1.1	395	0.34	<0.05	2.73	0.377	1.03	1.1
S039442		10.7	117.5	0.173	1.10	3.52	11.0	6	0.9	385	0.31	<0.05	2.25	0.318	1.12	1.1
S039443		10.9	109.0	0.323	1.28	15.50	9.6	7	1.0	292	0.33	<0.05	2.03	0.323	1.17	1.0
S039444		11.0	103.0	0.176	1.52	11.05	11.6	9	0.8	319	0.33	<0.05	2.27	0.339	1.08	1.1
S039445		12.7	93.4	0.303	1.42	1.62	13.4	9	1.0	365	0.36	<0.05	2.47	0.396	1.07	1.1
S039446		12.8	112.0	0.333	1.21	1.19	11.4	8	1.4	309	0.32	<0.05	2.38	0.324	0.99	1.0
S039446CD		11.9	97.7	0.300	1.14	1.02	10.2	7	1.3	284	0.28	<0.05	2.11	0.301	0.91	0.9
S039447		17.9	97.6	0.780	1.23	0.76	7.0	8	0.7	217	0.25	<0.05	2.11	0.248	0.86	1.0
S039448		12.3	107.5	0.546	0.89	1.43	8.9	6	1.0	243	0.28	<0.05	2.46	0.290	1.02	1.2
S039449		16.9	113.0	0.329	0.65	2.36	5.8	5	0.7	169.0	0.18	<0.05	1.70	0.184	0.94	1.1
S039450		50.7	119.0	<0.002	3.91	32.9	14.8	5	1.7	129.5	0.28	0.25	2.68	0.291	2.13	1.1
S039451		14.3	114.0	0.316	1.59	1.91	11.4	10	1.1	265	0.37	<0.05	2.82	0.367	1.20	1.6
S039452		15.0	119.0	0.398	0.70	2.15	8.0	6	0.8	263	0.24	<0.05	2.07	0.268	1.15	1.2
S039453 S039454 S039455 S039456 S039457		12.5 14.5 18.6 20.2 25.2	83.6 110.5 93.0 112.0 114.5	0.243 0.394 0.184 0.285 0.321	0.86 0.78 1.19 2.09 2.06	3.73 3.27 2.06 5.81 14.55	12.7 9.2 10.2 11.8 15.1	6 6 9 9	0.9 0.7 0.8 1.3	296 219 235 323 275	0.30 0.25 0.28 0.35 0.36	<0.05 <0.05 <0.05 <0.05 <0.05	2.07 1.82 1.99 2.56 3.29	0.334 0.257 0.293 0.379 0.375	0.94 1.06 0.99 1.33 1.39	1.1 1.1 1.2 1.4 2.1
\$039458 \$039459 \$039460 \$039461 \$039462		13.4 28.0 0.7 8.8 12.0	125.5 119.5 2.0 98.9 85.3	0.227 0.023 0.002 0.075 0.164	1.73 1.14 0.02 1.43 1.93	19.30 11.10 0.16 14.40 4.90	13.6 16.2 0.3 16.8 13.0	11 3 1 5	1.0 0.9 <0.2 1.2 0.7	268 357 88.4 197.0 219	0.36 0.32 <0.05 0.45 0.32	<0.05 <0.05 <0.05 <0.05 <0.05	2.95 1.31 0.11 1.88 2.72	0.380 0.656 0.010 0.687 0.343	1.41 1.06 0.02 1.29 0.97	1.6 0.7 0.1 1.0 1.3
\$039463		17.4	91.2	0.163	1.93	16.70	10.8	11	0.8	229	0.31	<0.05	2.65	0.330	1.10	1.6
\$039464		13.8	112.5	0.357	1.36	18.00	10.9	8	0.8	201	0.29	<0.05	2.27	0.318	1.28	1.4
\$039465		87.3	139.0	0.240	2.51	4.90	13.8	12	1.8	188.5	0.33	<0.05	2.82	0.327	1.54	1.6
\$039466		23.0	165.0	0.144	3.44	5.42	12.7	12	2.1	183.0	0.27	<0.05	2.61	0.301	1.88	1.4
\$039466CD		24.0	170.5	0.142	3.60	5.55	12.9	12	2.1	200	0.26	0.05	2.84	0.301	1.89	1.5
\$039467		21.7	161.0	0.111	3.13	5.44	15.6	11	1.2	125.0	0.37	<0.05	3.05	0.402	2.08	2.2
\$039468		11.4	108.0	0.064	2.42	1.48	14.3	12	1.1	495	0.27	<0.05	2.48	0.363	1.31	1.5
\$039469		13.8	88.3	0.166	2.08	2.30	11.7	10	1.0	624	0.25	<0.05	1.72	0.346	1.05	1.2
\$039470		143.5	168.0	0.005	2.70	17.30	11.3	2	1.4	184.0	0.27	0.29	2.89	0.247	2.94	1.5
\$039471		13.9	160.5	0.253	2.02	3.42	14.5	9	1.0	244	0.29	<0.05	2.54	0.389	1.63	1.1
\$039472		24.9	152.0	0.241	2.38	7.33	13.2	11	1.1	173.0	0.29	<0.05	2.03	0.379	1.87	1.0
\$039473		16.4	107.0	0.239	2.01	3.54	14.3	11	1.1	401	0.32	<0.05	2.44	0.397	1.24	1.1
\$039474		13.6	62.2	0.134	1.64	2.30	12.5	8	1.8	420	0.27	<0.05	1.84	0.372	0.84	1.1
\$039475		10.7	80.0	0.217	2.12	1.96	13.8	9	1.4	566	0.29	<0.05	2.25	0.351	0.85	1.0
\$039476		7.9	170.5	0.205	1.60	1.79	16.4	7	0.9	400	0.30	<0.05	2.83	0.389	1.52	1.1



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To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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Page: 3 - D Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 22-SEP-2020 Account: PREBOW

(									С	ERTIFICATE OF ANALYSIS	VA20200302
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5		
	LOD										
S039439		115	3.9	13.0	85	29.1	24.2	0.5	138		
S039440		2	0.1	2.3	3	1.5	4.0	<0.1	7		
S039441 S039442		123 112	2.3 1.9	14.3 9.9	101 97	29.1 28.4	24.6 26.5	0.6 0.5	141 123		
S039442 S039443		113	3.1	9.9 8.2	97 85	28.3	23.9	0.5	114		
S039444		116	3.1	11.7	90	26.3	26.6	0.4	135		
S039445		125	2.2	13.9	118	28.6	24.9	0.4	135		
S039446		112	1.8	10.0	85	21.9	26.6	0.3	122		
S039446CD		104	1.6	9.0	79	20.8	26.3	0.4	133		
S039447		86	2.0	8.2	80	20.5	28.1	0.3	99		
S039448		103	2.3	11.8	95	24.0	26.1	0.3	97		
S039449		60	1.9	6.0	92	20.2	30.2	0.2	89		
S039450		131	2.0	8.9	192	36.5	31.6	0.4	82		
S039451		123	2.9	13.7	116	35.8	24.8	0.4	100		
S039452		79	2.0	8.9	110	28.2	27.2	0.4	102		
S039453		109	2.2	9.4	119	23.1	26.1	0.4	163		
S039454		87	1.9	6.9	128	20.7	28.3	0.3	108		
S039455		95	2.6	8.6	132	25.8	26.2	0.3	113		
S039456		128	4.6	12.9	115	38.2	23.5	0.4	115		
S039457		137	5.7	15.0	169	43.4	22.9	0.4	124		
S039458		125	9.1	12.7	124	34.4	24.8	0.4	113		
S039459		155	10.1	26.5	85	55.0	18.3	0.6	81		
S039460		3	0.1	3.9	4	1.7	2.8	0.1	11		
S039461		189	8.4	18.5	105	29.4	19.9	0.7	134		
S039462		123	3.5	11.3	89	26.7	25.0	0.4	117		
S039463		111	4.8	11.5	122	26.4	21.7	0.3	112		
S039464		113	9.4	10.8	99	28.4	24.8	0.4	104		
S039465		126	4.1	13.7	200	33.9	21.6	0.4	97		
S039466		123	3.5	14.1	95	28.8	20.3	0.4	82		
S039466CD		123	3.5	15.1	99	29.3	19.5	0.3	79		
S039467		151	5.8	14.4	94	40.9	22.9	0.4	109		
S039468		144	2.2	17.5	114	37.3	22.3	0.6	109		
S039469		129	2.3	12.4	109	29.5	23.9	0.8	115		
S039470		98	3.9	8.9	462	38.4	27.6	0.4	84		
S039471		139	3.5	15.3	95	31.0	24.8	0.5	120		
S039472		149	3.4	13.7	112	30.1	24.4	0.5	108		
S039473		160	3.7	17.5	123	33.3	21.0	0.5	111		
S039474		138	2.5	13.8	117	30.2	23.4	0.4	124		
S039475		133	2.1	16.1	155	30.4	20.4	0.4	92		
S039476		149	2.1	17.6	103	34.5	23.4	0.4	119		



To: PRETIVM
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(ALS)									С	ERTIFIC	CATE O	F ANAL	_YSIS	VA202	00302	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$039477		7.52	0.233	1.15	8.01	6.6	1700	1.46	0.07	2.74	0.99	24.4	19.6	30	2.30	388
\$039478		6.30	0.217	1.11	7.57	8.4	1550	1.91	0.09	4.37	0.80	28.6	22.7	31	2.73	338
\$039479		6.36	0.205	1.09	7.40	10.6	1680	1.61	0.11	3.57	0.94	28.2	21.5	37	2.17	346
\$039480		0.72	0.005	0.02	0.15	0.4	40	0.05	0.01	33.3	0.04	1.35	0.8	2	0.07	6.9
\$039481		6.90	0.244	0.99	7.23	9.1	1810	1.50	0.10	3.63	0.88	24.5	18.9	26	3.14	322
\$039482		6.16	0.188	1.03	8.09	10.7	1720	1.86	0.07	3.16	0.69	32.4	20.3	36	3.45	334
\$039483		6.26	0.134	0.66	6.53	10.8	1130	1.15	0.07	11.40	1.03	28.9	15.1	20	3.75	227
\$039484		6.16	2.47	1.12	7.69	13.2	1620	1.46	0.09	5.02	1.43	32.6	19.5	40	1.96	366
\$039485		7.04	0.243	1.22	7.16	11.1	1060	1.50	0.10	4.26	0.63	25.4	21.5	41	2.02	359
\$039486		6.22	0.197	0.97	7.42	10.5	2130	1.45	0.12	5.75	1.21	29.4	19.3	41	3.42	321
\$039486CD		<0.02	0.205	1.03	7.46	10.2	1610	1.46	0.12	5.27	1.09	28.0	19.2	42	3.33	302
\$039487		7.32	0.171	0.92	7.65	8.6	1990	1.69	0.09	3.38	0.86	26.3	18.5	39	3.82	287
\$039488		6.22	0.219	0.81	7.65	5.5	2690	1.59	0.09	6.51	0.67	21.6	15.8	28	4.02	272
\$039489		7.12	0.193	1.03	7.39	12.8	1330	1.52	0.09	4.60	1.21	25.6	16.4	42	3.88	281
\$039490		0.16	5.80	74.1	6.00	275	990	1.05	1.12	1.96	22.4	23.0	10.2	23	7.08	117.5
\$039491		5.34	0.217	0.93	7.43	15.5	1490	1.62	0.16	4.22	2.09	26.9	16.8	43	2.83	261
\$039492		6.30	0.208	0.93	7.37	8.1	1740	1.49	0.11	4.49	2.70	27.1	13.5	41	2.42	300
\$039493		6.54	0.202	1.29	7.20	8.6	1350	1.30	0.08	3.49	2.44	26.4	12.9	39	3.03	312
\$039494		6.98	0.250	1.13	7.22	6.5	1850	1.50	0.08	4.33	1.10	24.7	14.0	45	1.69	351
\$039495		6.44	0.218	0.91	7.49	5.3	1850	1.41	0.07	3.92	1.07	24.9	14.8	43	2.23	355
\$039496		5.52	0.236	0.94	7.18	5.4	940	1.31	0.07	4.92	0.50	24.9	14.7	46	1.49	312
\$039497		4.96	0.157	1.14	7.39	5.3	1590	0.95	0.06	5.18	0.36	27.2	13.3	51	1.21	430
\$039498		6.32	0.270	0.70	6.58	5.9	1190	0.97	0.05	6.01	0.56	27.2	8.7	26	1.32	291
\$039499		6.40	0.252	1.00	7.46	5.9	1680	1.17	0.06	4.00	0.50	24.5	11.8	29	1.71	388
\$039500		0.72	0.006	0.03	0.12	0.6	30	0.08	0.01	33.9	0.02	1.14	0.8	1	<0.05	5.6



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20200302

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$039477		4.82	19.20	0.16	0.8	0.031	3.31	9.7	25.4	1.50	1160	29.2	3.07	4.8	25.2	1230
\$039478		5.29	19.40	0.17	1.2	0.064	4.01	13.0	25.7	2.38	1590	55.5	1.64	5.4	49.6	1410
\$039479		4.66	19.60	0.18	1.4	0.056	3.67	12.8	21.4	1.68	1040	68.5	2.54	6.2	51.1	1190
\$039480		0.15	0.45	0.12	<0.1	<0.005	0.06	1.3	1.6	1.75	135	1.05	0.05	0.2	1.1	60
\$039481		4.28	17.80	0.14	1.4	0.038	3.37	11.3	27.2	1.61	904	75.1	2.39	7.1	39.6	1250
\$039482 \$039483 \$039484 \$039485 \$039486		4.64 3.32 4.40 4.74 4.06	20.7 14.20 18.00 18.70 18.15	0.18 0.12 0.15 0.13 0.16	1.7 1.1 1.6 1.6	0.021 0.036 0.071 0.049 0.064	3.90 2.38 2.97 3.43 3.75	14.6 15.1 15.5 12.0 14.4	29.4 22.1 27.6 22.1 26.3	1.69 1.60 1.79 1.29 1.33	768 793 1180 1080 1040	63.0 77.6 133.0 114.5 122.5	2.09 2.07 2.58 2.60 2.09	5.8 6.0 6.4 5.5 5.7	48.7 38.2 53.5 69.7 69.6	1310 1000 1110 1210 1310
\$039486CD		4.14	18.30	0.16	1.7	0.062	3.81	13.1	26.9	1.32	1030	121.5	2.09	5.8	69.7	1340
\$039487		3.88	20.7	0.14	1.5	0.021	4.73	12.2	21.3	1.14	683	47.4	1.65	6.4	41.4	1180
\$039488		4.28	17.35	0.15	1.1	0.102	4.24	10.2	23.4	1.62	1480	64.6	1.58	7.2	44.5	1410
\$039489		4.10	18.00	0.15	1.5	0.042	3.98	12.2	21.2	1.09	868	43.0	1.21	5.6	43.6	1180
\$039490		4.58	12.30	0.11	1.2	1.325	3.52	12.0	12.7	0.46	1160	9.62	0.22	5.3	15.6	900
\$039491 \$039492 \$039493 \$039494 \$039495		4.26 4.33 3.69 4.78 4.24	19.45 18.60 17.15 18.50 17.65	0.15 0.15 0.12 0.15 0.17	1.6 1.4 1.5 1.3	0.061 0.066 0.052 0.066 0.064	3.28 3.15 3.94 3.21 4.80	13.5 12.3 11.8 12.2 12.7	16.2 18.7 18.9 20.3 18.7	1.41 1.43 1.19 1.69 1.65	648 818 730 1020 906	45.8 62.0 48.1 45.0 45.1	1.50 1.85 1.58 1.85 1.61	6.5 6.5 6.1 5.8 6.1	51.0 37.7 39.7 40.6 35.6	1240 1120 1080 1240 1300
\$039496		4.88	15.75	0.17	1.2	0.089	4.01	12.8	18.4	1.61	1030	12.90	1.33	5.6	37.3	1270
\$039497		4.38	14.85	0.16	1.5	0.115	4.50	13.6	20.3	1.76	1010	28.5	0.75	5.8	32.3	1310
\$039498		4.93	13.20	0.14	1.6	0.310	3.75	13.0	25.5	1.85	1240	22.2	0.39	6.6	18.7	1110
\$039499		4.79	15.45	0.15	0.9	0.132	5.07	12.3	22.4	1.47	1020	27.6	1.08	7.8	10.0	1480
\$039500		0.13	0.33	0.11	<0.1	<0.005	0.06	1.2	1.4	2.22	145	0.43	0.03	0.2	1.1	70



To: PRETIVM
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(ALS)									С	ERTIFIC	CATE O	F ANAL	YSIS	VA202	00302	
Sample Description	Method	ME-MS61														
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	%	ppm	ppm							
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$039477		13.4	78.0	0.217	2.21	2.08	14.4	9	1.1	681	0.29	<0.05	2.20	0.391	0.92	1.5
\$039478		16.4	86.8	0.298	2.40	2.91	15.2	10	1.7	1595	0.32	0.05	2.55	0.346	1.09	2.6
\$039479		12.9	85.9	0.216	2.53	2.73	14.7	9	1.6	786	0.38	0.05	2.70	0.365	1.09	3.2
\$039480		0.6	1.9	0.004	0.03	0.08	0.4	1	<0.2	92.6	<0.05	<0.05	0.09	0.009	0.03	0.1
\$039481		13.0	81.8	0.290	2.08	2.28	13.5	8	1.3	676	0.42	<0.05	2.21	0.309	1.01	3.2
\$039482		13.0	113.0	0.228	2.26	2.15	15.3	7	0.9	638	0.36	0.06	3.14	0.364	1.28	3.4
\$039483		8.8	86.8	0.262	1.46	1.89	12.5	6	1.1	532	0.37	<0.05	3.02	0.239	0.70	4.0
\$039484		17.7	77.8	0.781	1.69	2.11	14.1	8	1.6	635	0.39	0.05	3.68	0.334	0.82	4.3
\$039485		11.7	84.4	0.428	2.30	1.61	15.0	10	1.5	587	0.33	0.05	2.68	0.339	0.93	5.1
\$039486		15.6	111.0	0.353	1.96	1.90	16.0	8	1.7	586	0.35	0.06	3.11	0.333	1.07	5.8
S039486CD		15.6	105.0	0.352	1.98	1.95	15.8	8	1.6	590	0.35	<0.05	2.86	0.338	1.08	5.9
S039487		11.1	130.5	0.190	1.82	1.86	14.9	6	1.1	591	0.39	<0.05	3.15	0.363	1.41	3.3
S039488		10.5	110.0	0.246	1.65	2.58	14.1	6	1.9	709	0.40	<0.05	2.01	0.303	1.14	3.5
S039489		18.3	129.0	0.213	2.00	2.58	15.4	5	1.4	574	0.36	0.05	3.01	0.327	1.22	3.5
S039490		8500	144.5	0.003	2.93	71.0	11.9	3	3.7	137.0	0.32	0.25	3.19	0.251	3.04	1.7
\$039491		16.3	91.2	0.155	2.27	1.60	16.0	8	1.7	553	0.40	0.08	2.93	0.340	1.07	4.0
\$039492		19.7	86.5	0.406	2.00	1.99	14.4	8	1.7	624	0.42	<0.05	3.10	0.326	0.92	2.8
\$039493		59.6	111.0	0.239	1.85	1.75	14.4	6	1.5	522	0.38	<0.05	2.84	0.326	1.08	3.2
\$039494		15.0	70.1	0.309	1.99	2.55	15.0	11	1.9	691	0.33	<0.05	2.47	0.332	0.72	2.5
\$039495		11.8	124.5	0.426	2.04	2.14	18.1	8	1.7	628	0.33	<0.05	2.51	0.340	1.01	2.2
\$039496		22.4	98.3	0.099	2.60	2.38	16.6	9	1.8	668	0.34	<0.05	2.61	0.315	0.74	2.0
\$039497		12.5	103.5	0.190	2.00	2.29	17.1	7	2.3	654	0.34	<0.05	2.76	0.311	0.83	2.5
\$039498		8.5	91.7	0.210	1.90	2.57	14.9	7	3.5	914	0.41	0.05	3.17	0.231	0.66	5.6
\$039499		10.6	108.5	0.230	1.82	3.22	18.4	8	3.7	765	0.39	<0.05	1.43	0.316	0.92	3.0
\$039500		1.8	1.6	0.003	0.02	0.09	0.3	1	<0.2	89.8	<0.05	<0.05	0.07	0.007	0.02	0.2



To: PRETIVM
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(ALS)									CERTIFICATE OF ANALYSIS VA20200302
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$039477		153	1.8	16.2	152	32.4	23.4	0.4	116
\$039478		197	1.1	20.4	147	47.3	23.2	0.5	132
\$039479		190	1.3	20.6	136	51.4	24.0	0.4	124
\$039480		3	<0.1	2.3	5	1.8	2.6	<0.1	7
\$039481		193	1.4	18.9	130	54.7	24.8	0.4	112
\$039482 \$039483 \$039484 \$039485 \$039486		196 184 234 334 365	1.4 1.1 1.4 1.4	21.1 17.3 20.3 18.3 20.0	126 99 149 122 142	63.9 48.3 60.4 59.6 63.7	24.4 16.6 22.5 23.1 21.4	0.4 0.3 0.4 0.4 0.4	111 75 111 91 100
S039486CD		373	1.2	19.2	144	61.3	22.1	0.4	96
S039487		231	1.5	17.8	114	55.4	24.7	0.5	118
S039488		316	1.0	16.3	123	40.9	21.1	0.4	77
S039489		288	2.3	17.3	136	53.5	24.5	0.5	92
S039490		118	3.7	8.9	1820	53.7	29.7	0.3	81
\$039491		303	1.2	19.9	273	58.5	25.3	0.4	101
\$039492		235	1.0	21.8	224	52.1	25.4	0.4	110
\$039493		238	1.2	18.2	218	52.8	26.1	0.5	105
\$039494		207	0.9	19.1	144	45.4	25.3	0.4	98
\$039495		196	0.8	20.2	115	36.1	24.5	0.5	91
\$039496		162	0.7	20.3	99	38.8	24.6	0.4	88
\$039497		143	0.5	23.3	105	47.3	24.9	0.4	96
\$039498		102	0.6	24.7	130	54.2	25.7	0.3	86
\$039499		145	0.8	20.8	126	31.4	24.5	0.3	78
\$039500		2	<0.1	2.3	4	1.8	3.1	<0.1	<5



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Project: Bowser Regional Project

CERTIFICATE OF ANALYSIS VA20200302

	CERTIF	FICATE COMMENTS										
		ANALYTICAL CO	MMENTS									
Applies to Method:	REEs may not be totally soluble in this method. ME-MS61											
		LABORATORY AD	DDRESSES									
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.											
Applies to Method:	Au-AA23 BAG-01 LOG-21 LOG-21c PUL-32m PUL-32m SPL-21 SPL-21d	d nd	CRU-31 LOG-23 PUL-QC WEI-21	CRU-QC ME-MS61 pXRF-34								



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax:

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www.alsglobal.com/geochemistry

To: PRETIVM
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> 27-JAN-2021 Account: PREBOW

## VA20200308

Project: Bowser Regional Project

P.O. No.: BOW-1106

This report is for 78 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 10-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA
LEANNE HAWKINS COREY JAMES JULIANNE MADSEN
KEN MCNAUGHTON STEPHAINE WAFFORN

SAMPLE PREPARATION									
ALS CODE	DESCRIPTION								
WEI-21	Received Sample Weight								
PUL-32md	Pulverize 500g-DUP -85%<75um								
LOG-21	Sample logging - ClientBarCode								
CRU-31	Fine crushing - 70% <2mm								
PUL-QC	Pulverizing QC Test								
SPL-21	Split sample - riffle splitter								
PUL-32m	Pulverize 500g - 85%<75um								
BAG-01	Bulk Master for Storage								
LOG-23	Pulp Login - Rcvd with Barcode								
LOG-21d	Sample logging - ClientBarCode Dup								
SPL-21d	Split sample - duplicate								

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS VA20200308

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												1 / (14/ (1			00300	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029951		4.56	0.036	1.68	7.27	17.9	210	0.57	0.11	5.08	8.78	11.95	29.7	27	1.86	180.5
\$029952		6.18	0.019	1.17	8.53	16.9	580	0.67	0.10	4.44	4.00	13.15	28.1	35	2.32	137.5
\$029953		2.10	0.062	2.15	7.68	33.2	290	0.57	0.08	5.37	3.27	11.50	28.7	26	2.19	257
\$029954		3.40	0.064	1.18	7.67	19.1	1070	0.60	0.09	4.81	5.13	11.45	26.1	33	2.60	133.5
\$029955		6.06	0.187	1.81	7.91	16.0	280	0.66	0.12	5.33	2.76	12.95	31.1	34	2.41	194.5
\$029956		5.58	0.076	1.46	7.34	49.1	250	0.55	0.11	5.50	4.91	11.80	30.3	31	2.45	164.0
\$029957		6.98	0.123	1.63	7.01	16.1	210	0.52	0.12	5.12	3.90	10.60	27.2	23	2.91	234
\$029958		1.38	0.110	1.78	6.78	31.2	130	0.51	0.15	5.53	0.87	11.60	26.9	19	2.69	261
\$029959		5.36	0.180	1.36	4.57	523	140	0.49	0.08	17.30	3.09	13.80	13.5	12	2.55	101.5
\$029960		0.78	0.006	0.05	0.38	5.0	110	0.17	0.02	32.6	0.15	1.36	1.2	1	0.17	8.7
\$029961		7.96	0.232	1.25	7.04	667	160	0.66	0.13	6.40	1.65	11.00	26.9	21	3.72	170.5
\$029962		4.82	0.070	1.24	7.03	138.5	170	0.65	0.17	7.55	2.21	12.75	28.7	22	2.80	161.5
\$029963		6.82	0.026	1.51	7.08	139.0	270	0.60	0.08	8.31	1.39	13.10	28.4	30	1.58	136.0
\$029964		6.78	0.052	0.97	7.51	55.5	190	0.55	0.10	5.57	3.16	14.05	38.3	31	1.95	140.0
\$029965		5.98	0.016	1.09	7.97	30.8	700	0.63	0.14	4.37	2.91	13.70	21.6	32	2.31	195.5
\$029966		6.70	0.010	1.00	8.04	29.6	1410	0.68	0.08	4.90	1.56	15.65	28.0	30	2.38	139.0
\$029966CD		<0.02	0.011	0.90	7.59	28.3	1940	0.65	0.09	4.53	1.61	14.45	25.0	28	2.32	130.5
\$029967		3.32	0.012	0.70	7.48	20.2	1520	0.67	0.14	4.56	2.58	14.55	30.2	32	2.81	112.5
\$029968		4.82	0.039	1.03	6.71	42.5	120	0.70	0.16	6.00	7.99	12.90	45.1	39	3.09	73.0
\$029969		5.22	0.009	1.21	7.88	49.9	1100	0.60	0.06	5.48	2.79	16.60	31.7	37	3.34	156.5
\$029970		0.14	0.906	12.50	6.44	339	370	1.13	0.16	3.82	4.51	25.6	10.3	26	6.92	87.1
\$029971		7.26	0.013	1.01	7.52	27.6	780	0.60	0.06	5.11	3.67	14.15	29.8	32	2.73	141.0
\$029972		6.32	0.037	1.26	7.24	30.7	510	0.58	0.07	6.06	1.67	14.60	30.2	26	3.36	192.0
\$029973		6.50	0.428	1.56	5.51	4160	800	0.74	0.07	13.05	5.77	10.50	22.5	20	5.55	87.5
\$029974		6.50	0.021	1.05	7.29	65.5	220	0.65	0.07	9.69	3.43	14.15	27.3	36	3.02	125.5
\$029975		5.80	0.018	1.19	6.96	74.3	190	0.60	0.07	8.79	4.88	12.10	30.2	29	3.39	141.5
\$029976		6.26	0.012	1.07	7.47	39.2	200	0.64	0.07	6.95	1.89	13.15	29.6	35	2.20	119.5
\$029977		5.90	0.014	1.25	7.23	14.4	260	0.62	0.08	6.26	5.67	13.40	28.6	33	1.56	86.0
\$029978		6.78	0.014	1.11	7.32	25.2	210	0.58	0.07	8.10	4.53	13.20	28.8	35	1.73	121.0
\$029979		6.88	0.050	1.27	7.87	14.4	240	0.68	0.08	5.46	10.95	14.55	33.1	28	1.86	116.5
\$029980		0.54	<0.005	0.04	0.19	0.6	40	0.08	0.01	32.3	0.13	1.11	1.1	1	0.07	3.6
\$029981		7.20	0.031	1.16	7.36	23.3	1190	0.70	0.09	4.69	4.70	14.35	34.1	32	1.83	90.7
\$029982		5.66	0.020	0.96	7.49	23.7	610	0.75	0.10	5.34	1.08	14.60	41.0	33	3.41	89.4
\$029983		3.38	0.017	0.86	6.43	35.1	820	0.65	0.07	8.94	4.80	12.85	26.9	31	2.75	103.0
\$029984		4.24	0.014	0.60	2.17	503	660	0.16	0.02	26.7	1.69	7.03	9.0	8	0.75	40.3
\$029985 \$029986 \$029986CD \$029987 \$029988		4.84 7.24 <0.02 5.98 6.32	0.012 0.016 0.014 0.020 0.029	1.11 0.96 0.96 0.82 0.66	7.70 7.36 7.65 7.99 7.75	15.2 14.6 58.2 12.2 9.9	1410 700 650 370 1150	0.52 0.67 0.59 0.72 0.73	0.05 0.06 0.06 0.14 0.09	3.79 3.31 6.21 2.87 2.83	2.40 1.76 1.73 0.43 0.40	14.00 12.90 16.20 15.20 13.15	22.0 28.6 29.8 28.8 24.7	19 16 15 13	2.83 1.73 1.81 1.58 1.19	143.5 116.0 117.5 136.5 109.5



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20200308

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								<u> </u>								
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61						
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S029951		6.14	12.25	0.15	0.5	0.098	3.40	4.8	40.4	2.13	1500	1.28	2.14	2.9	19.3	1720
S029952		6.74	14.95	0.15	0.5	0.113	3.62	5.3	59.1	3.09	2020	0.90	2.49	3.4	21.5	1990
S029953		6.92	12.05	0.14	0.4	0.086	3.50	4.7	49.0	2.69	1930	0.68	2.21	3.1	17.8	1840
S029954		6.18	13.80	0.15	0.4	0.093	3.17	4.8	54.4	2.82	1890	0.63	2.27	3.2	19.9	1900
S029955		7.27	13.95	0.16	0.5	0.121	3.56	5.4	47.3	2.81	1820	1.88	2.19	3.1	20.5	1820
\$029956		6.96	12.75	0.14	0.4	0.097	4.04	4.8	45.1	2.74	1840	1.54	1.58	2.9	19.9	1750
\$029957		6.90	12.75	0.15	0.4	0.115	4.30	4.3	46.3	2.63	1790	1.68	0.77	3.1	16.2	1860
\$029958		6.91	11.55	0.17	0.5	0.139	4.40	4.9	44.6	2.19	1720	1.47	0.65	3.1	16.3	1790
\$029959		5.95	8.03	0.15	0.3	0.074	3.20	6.6	26.1	1.45	3880	3.76	0.44	1.8	10.0	1140
\$029960		0.31	1.09	0.09	0.1	0.007	0.16	1.3	3.4	2.68	232	0.19	0.13	0.4	1.2	110
\$029961		7.19	13.30	0.14	0.5	0.120	4.29	4.9	44.1	2.62	2160	0.71	1.16	3.0	16.0	2160
\$029962		7.87	13.30	0.14	0.6	0.100	3.56	5.5	36.6	2.58	2100	0.90	1.56	3.2	15.0	1840
\$029963		6.58	12.75	0.13	0.6	0.077	2.98	5.7	29.2	2.34	1640	2.12	2.12	3.0	18.2	1660
\$029964		7.69	13.40	0.15	0.5	0.099	3.94	6.0	32.3	2.32	1740	0.85	1.95	3.2	20.3	1860
\$029965		7.76	15.70	0.14	0.4	0.097	3.62	5.7	42.0	3.14	2310	0.92	2.06	3.6	20.8	2030
\$029966		7.72	15.65	0.13	0.5	0.073	3.51	6.8	45.4	3.25	2430	1.44	1.97	3.5	20.1	2070
\$029966CD		7.14	14.85	0.13	0.4	0.073	3.38	6.4	43.1	3.03	2280	1.14	1.87	3.4	19.1	1920
\$029967		7.01	14.10	0.13	0.5	0.068	3.12	6.0	40.7	2.93	2220	1.15	2.04	3.5	17.3	1870
\$029968		7.92	11.40	0.14	0.4	0.102	3.37	5.4	22.3	1.97	1840	1.04	1.68	2.7	16.0	1460
\$029969		7.29	14.60	0.14	0.4	0.061	3.43	7.3	30.5	2.40	2230	1.06	2.26	3.4	19.9	1950
\$029970		4.15	13.95	0.13	1.1	0.050	3.97	12.8	13.6	0.57	1460	9.83	0.22	5.0	20.6	970
\$029971		7.02	13.80	0.13	0.4	0.085	4.01	6.0	34.8	2.33	2040	1.05	1.79	3.2	18.5	1900
\$029972		6.81	11.95	0.15	0.4	0.113	4.26	6.3	31.7	2.00	1840	3.01	1.16	3.0	17.1	1840
\$029973		4.39	11.90	0.11	0.4	0.097	2.92	4.7	10.1	1.68	2230	1.87	0.39	2.4	14.5	1310
\$029974		5.48	12.20	0.12	0.5	0.083	2.79	6.3	32.5	2.06	2020	0.78	2.46	3.2	20.8	1750
\$029975		5.60	11.80	0.13	0.5	0.059	3.42	5.1	30.8	1.73	1630	0.93	1.94	3.0	17.9	1630
\$029976		6.69	13.80	0.14	0.5	0.087	2.83	5.7	38.4	2.86	1910	0.78	2.33	3.3	22.3	1680
\$029977		6.67	13.25	0.15	0.5	0.074	3.40	5.8	29.5	2.48	1680	0.81	1.91	3.1	20.8	1680
\$029978		6.30	13.00	0.13	0.5	0.074	3.30	5.6	32.0	2.48	1810	0.57	1.91	3.1	19.4	1720
\$029979		6.82	15.10	0.14	0.6	0.081	3.03	6.3	42.5	3.36	1980	0.68	2.24	3.5	20.5	1880
\$029980		0.23	0.50	0.08	0.1	0.005	0.07	1.1	2.0	3.09	177	0.07	0.06	0.1	1.1	90
\$029981		6.48	13.20	0.16	0.8	0.078	3.78	6.8	39.4	2.92	1820	0.67	1.92	3.4	19.1	1770
\$029982		7.09	13.95	0.19	0.7	0.059	3.51	6.8	37.7	2.75	1940	0.73	1.99	3.5	19.1	1870
\$029983		5.61	11.15	0.13	0.5	0.050	3.22	6.2	31.0	2.32	1500	0.69	1.49	3.1	16.0	1590
\$029984		4.16	3.34	0.08	0.2	0.017	1.45	3.7	8.2	0.44	2650	0.83	0.48	1.0	4.3	520
S029985		6.73	15.20	0.13	0.6	0.056	2.73	6.5	34.4	2.35	1540	0.72	2.78	5.0	13.9	2130
S029986		6.15	14.30	0.15	0.5	0.061	2.91	5.5	30.3	2.19	1340	0.54	2.98	4.8	12.7	1980
S029986CD		6.32	14.15	0.15	0.6	0.061	2.96	7.6	29.4	2.16	1580	0.62	2.88	4.8	13.0	1960
S029987		6.36	14.40	0.17	0.6	0.053	3.09	6.9	33.5	2.16	1410	0.70	3.15	5.6	11.1	1920
S029988		5.55	13.65	0.13	0.6	0.054	2.45	5.7	29.7	2.22	1520	0.58	3.62	5.8	11.6	1930



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61									
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$029951		252	87.3	0.005	4.06	1.92	38.4	17	2.5	429	0.17	0.07	0.54	0.401	1.63	0.3
\$029952		31.1	84.4	0.004	3.28	1.76	42.4	11	1.9	506	0.20	0.05	0.64	0.463	1.65	0.3
\$029953		32.1	77.3	0.003	4.07	3.18	33.8	12	1.4	357	0.18	0.06	0.54	0.417	1.43	0.3
\$029954		78.2	77.3	0.003	2.81	1.86	40.9	12	1.8	310	0.19	0.06	0.55	0.417	1.49	0.3
\$029955		74.5	87.5	0.015	4.28	2.07	41.0	16	2.6	392	0.18	0.09	0.61	0.425	1.68	0.3
\$029956		106.0	96.3	0.013	3.91	2.56	40.0	15	1.8	324	0.17	0.06	0.53	0.408	1.94	0.3
\$029957		94.1	91.4	0.012	3.90	2.21	41.9	16	2.6	297	0.17	0.08	0.49	0.417	2.32	0.3
\$029958		46.2	107.0	0.005	4.53	2.19	40.4	18	3.2	252	0.18	0.10	0.58	0.393	2.50	0.3
\$029959		55.3	95.6	0.048	4.79	12.55	26.3	10	1.7	313	0.10	0.07	0.34	0.249	2.42	0.2
\$029960		3.4	5.1	0.002	0.12	0.23	1.4	1	<0.2	87.4	0.06	<0.05	0.09	0.015	0.09	0.3
\$029961		32.4	117.5	0.004	4.82	8.24	41.6	15	2.3	273	0.17	0.10	0.58	0.398	2.09	0.3
\$029962		44.5	89.4	0.005	5.69	3.84	43.5	16	2.1	310	0.18	0.09	0.63	0.399	1.71	0.3
\$029963		18.3	76.9	<0.002	3.74	6.04	41.5	14	1.4	299	0.17	0.05	0.62	0.390	1.42	0.3
\$029964		52.4	96.1	<0.002	4.91	4.41	44.4	17	1.4	329	0.18	0.09	0.67	0.417	1.81	0.3
\$029965		89.2	86.7	<0.002	3.30	4.18	47.0	14	1.2	377	0.20	0.09	0.65	0.458	1.68	0.3
\$029966		68.1	84.2	<0.002	2.77	4.71	46.4	12	1.0	383	0.20	<0.05	0.73	0.452	1.67	0.3
\$029966CD		58.8	82.3	<0.002	2.49	4.19	44.3	11	1.0	366	0.18	0.06	0.70	0.428	1.63	0.3
\$029967		46.8	76.7	<0.002	3.00	4.13	42.9	11	1.1	382	0.19	0.06	0.69	0.413	1.52	0.3
\$029968		169.5	92.6	<0.002	5.58	5.57	36.1	18	1.4	428	0.15	0.10	0.58	0.335	1.55	0.3
\$029969		118.0	96.8	<0.002	2.87	7.73	45.5	13	1.4	352	0.20	<0.05	0.77	0.427	1.74	0.3
\$029970		152.5	173.5	0.008	2.95	18.65	11.4	3	1.5	201	0.30	0.32	2.98	0.266	3.00	1.7
\$029971		126.0	94.2	0.003	2.82	5.69	45.1	13	1.4	326	0.18	<0.05	0.62	0.431	1.90	0.3
\$029972		83.7	118.5	0.003	2.82	7.31	40.2	11	2.0	292	0.17	<0.05	0.67	0.399	2.35	0.3
\$029973		252	130.5	0.003	1.80	74.9	29.2	8	1.8	352	0.13	0.08	0.56	0.293	1.51	0.3
\$029974		123.0	80.3	0.002	3.54	3.56	38.8	14	1.5	401	0.19	0.07	0.73	0.392	1.46	0.4
\$029975		147.0	97.2	<0.002	3.77	3.93	37.9	15	1.2	361	0.17	0.08	0.61	0.370	1.65	0.3
\$029976		70.5	71.6	<0.002	3.98	2.95	41.7	13	1.3	439	0.19	0.07	0.67	0.402	1.34	0.3
\$029977		235	81.8	<0.002	4.33	3.21	39.2	16	1.2	417	0.17	0.11	0.65	0.385	1.55	0.3
\$029978		131.0	80.3	<0.002	3.76	3.39	38.1	13	1.1	430	0.18	0.06	0.66	0.384	1.47	0.3
\$029979		143.0	73.0	<0.002	4.05	4.52	40.6	17	1.2	502	0.20	0.12	0.69	0.421	1.26	0.4
\$029980		4.9	1.8	<0.002	0.06	0.19	0.8	1	<0.2	84.0	<0.05	<0.05	0.09	0.012	0.04	0.1
\$029981		160.0	90.6	<0.002	3.84	3.44	43.3	15	1.4	447	0.17	0.08	0.86	0.403	1.71	0.4
\$029982		94.7	87.4	<0.002	3.74	3.93	43.4	16	1.1	460	0.18	0.13	0.83	0.414	1.73	0.4
\$029983		116.0	84.7	<0.002	3.00	4.71	36.3	13	1.0	389	0.16	0.05	0.73	0.353	1.78	0.4
\$029984		47.1	39.0	<0.002	3.89	22.5	11.5	5	0.4	281	0.06	<0.05	0.25	0.115	2.42	0.1
\$029985		109.5	58.0	<0.002	3.02	5.01	29.3	14	1.4	502	0.29	<0.05	0.70	0.428	1.44	0.3
\$029986		95.6	48.7	<0.002	3.02	4.28	26.5	15	1.3	497	0.27	0.09	0.62	0.418	1.42	0.3
\$029986CD		91.2	67.2	<0.002	3.30	5.87	29.6	14	1.3	521	0.26	0.11	0.78	0.413	1.64	0.3
\$029987		41.1	69.6	<0.002	3.47	3.68	29.2	13	1.3	527	0.31	0.05	0.75	0.450	1.42	0.3
\$029988		13.0	43.7	<0.002	2.82	3.18	28.9	10	1.3	548	0.31	0.06	0.67	0.446	1.20	0.3



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20200308

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										ERTH 16/112 OF /11/12/13/3 V/120200300
	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34	
	Analyte	V	W	Υ	Zn	Zr	Si	Ti	Zr	
Campula Danasinsian	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5	
S029951		259	0.6	16.5	641	10.5	19.0	0.5	53	
S029952		299	8.0	17.2	391	11.1	20.7	0.5	55	
S029953		261	1.1	16.2	351	10.2	17.4	0.5	50	
S029954		278	1.4	14.9	455	10.6	18.7	0.4	53	
S029955		279	0.9	16.9	275	11.9	18.8	0.5	49	
S029956		264	1.0	17.5	410	9.7	16.6	0.5	52	
S029957		290	0.9	14.2	347	10.3	19.0	0.5	48	
S029958		266	1.0	15.0	155	11.5	19.5	0.5	43	
S029959		182	1.7	28.1	292	6.6	11.1	0.3	39	
S029960		10	0.1	4.0	16	2.1	3.3	0.1	10	
S029961		291	1.5	15.4	199	11.4	17.8	0.5	48	
S029962		288	1.0	18.4	233	12.0	17.4	0.4	45	
S029963		261	0.5	16.2	154	11.0	15.5	0.4	45	
S029964		288	0.4	16.2	222	10.5	18.9	0.5	46	
S029965		315	0.5	17.1	273	9.2	19.1	0.5	50	
S029966		318	0.5	17.5	204	9.7	19.2	0.5	51	
S029966CD		298	0.4	16.5	195	9.0	18.1	0.4	51	
S029967		293	0.4	16.1	221	9.8	18.5	0.4	52	
S029968		224	0.4	13.9	564	10.4	18.2	0.4	48	
S029969		297	0.5	18.0	256	9.8	17.8	0.5	50	
S029970		111	4.6	8.7	507	39.3	29.0	0.4	78	
S029971		296	0.5	15.9	316	9.1	18.5	0.5	52	
S029972		285	1.1	15.1	180	9.1	18.6	0.5	50	
S029973		194	2.1	11.4	427	11.0	15.9	0.3	37	
S029974		264	1.1	16.4	277	11.1	16.6	0.4	50	
S029975		242	1.9	14.7	356	10.4	16.6	0.4	43	
S029976		274	0.5	16.8	195	12.4	17.6	0.4	47	
S029977		263 260	0.4 0.5	16.0	411	12.3	19.5	0.5	48	
S029978 S029979		303	0.5	15.9 16.8	356 749	12.1 14.1	18.2 19.9	0.5 0.5	51 56	
S029980 S029981		6 289	<0.1 6.1	2.2 17.4	13 326	1.8 22.2	2.9 20.2	<0.1 0.5	9 50	
S029981 S029982		317	6.1 0.5	17.4 15.9	326 116	15.5	20.2 18.8	0.5 0.5	50 50	
S029982 S029983		250	0.5	13.7	306	11.7	16.5	0.5	47	
S029984		74	0.8	11.2	112	8.2	4.7	0.4	19	
S029985		252	0.8	18.1	215	13.3	19.5	0.5	64	
S029986		252	0.5	17.0	161	11.5	19.7	0.5	61	
S029986CD		245	0.6	19.9	162	12.3	18.9	0.4	51	
S029987		250	0.5	19.2	84	12.7	20.9	0.5	62	
S029988		253	0.6	17.7	71	13.8	23.0	0.5	69	



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CERTIFICATE OF ANALYSIS VA20200308

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									CERTIFICATE OF ANALISIS			VA20200300				
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$029989 \$029990 \$029991 \$029992 \$029993 \$029994 \$029995		6.36 0.14 5.64 6.86 6.48 6.18 6.88	0.015 5.38 0.013 0.021 0.026 0.026	1.90 75.8 0.58 0.59 0.64 0.88 0.83	7.88 6.07 7.76 7.52 7.33 7.09 7.09	50.8 289 15.0 15.0 13.2 13.0 41.3	800 530 840 160 290 160 140	0.71 1.00 0.74 0.74 0.66 0.62 0.81	0.10 1.21 0.08 0.12 0.11 0.16 0.09	4.25 1.93 2.73 3.69 4.51 3.82 3.47	0.50 21.3 0.49 0.35 0.40 0.53 0.49	14.35 26.3 14.60 13.15 11.20 12.50 11.65	31.9 11.0 27.7 31.3 28.3 29.4 36.7	10 21 13 22 23 16 22	2.07 7.56 1.71 1.87 2.90 2.50 2.11	158.0 110.5 143.0 92.6 138.0 205 162.5
5029996 5029997 5029998 5029999		6.72 5.84 6.42 5.64	0.019 0.019 0.015	0.55 0.57 0.59 0.54	7.09 8.27 7.89 7.52	26.6 19.2 17.1	720 300 670	0.68 0.71 0.64	0.03 0.05 0.09 0.08	3.03 3.08 5.16	0.43 0.26 0.44 0.70	14.80 14.60 12.70	35.9 28.0 20.7	16 15 14	1.64 2.26 2.08	107.0 137.0 139.0
\$030000		0.80	<0.005	0.03	0.13	0.6	30	0.06	0.01	33.8	0.02	1.08	0.8	1	0.06	2.6
\$030001		5.74	0.029	0.70	5.95	119.0	220	0.65	0.11	12.05	0.50	15.25	21.3	14	5.35	127.5
\$030002		7.60	0.014	0.58	7.13	21.0	230	0.59	0.17	8.56	0.55	14.35	37.2	59	2.60	101.0
\$030003		6.76	0.009	0.64	7.44	14.2	1240	0.64	0.12	6.80	0.79	13.55	30.9	37	1.59	190.5
S030004		6.32	0.013	0.63	8.62	14.0	720	0.76	0.16	5.18	0.39	15.75	34.6	30	1.11	127.0
S030005		6.52	0.014	0.67	7.79	11.5	480	0.57	0.15	4.48	0.67	14.60	34.0	26	0.84	162.0
S030006		5.36	0.021	0.58	7.55	11.6	520	0.59	0.10	4.30	0.41	13.50	31.0	24	1.80	132.0
S030006CD		<0.02	0.014	0.56	7.65	11.7	420	0.57	0.12	4.53	0.39	13.50	32.4	24	2.00	130.5
S030007		6.94	0.016	0.88	8.02	12.5	1370	0.83	0.10	5.94	0.43	14.90	25.0	25	1.97	151.0
\$030008		7.02	0.011	0.72	8.32	10.6	710	0.70	0.15	4.98	0.51	14.95	30.5	29	0.65	162.0
\$030009		5.44	0.012	0.45	8.26	8.6	1150	0.72	0.18	4.10	0.38	13.05	31.5	29	0.71	97.7
\$030010		0.12	1.540	27.6	5.66	377	100	1.28	0.98	0.65	1.66	26.5	13.5	18	8.11	107.0
\$030011		7.34	0.012	0.45	7.77	10.2	1650	0.62	0.15	7.31	0.48	13.85	24.9	48	1.02	107.5
\$030012		6.04	0.012	0.46	7.66	8.8	1440	0.59	0.19	5.23	0.22	11.35	30.5	51	0.98	119.5
\$030013		7.80	0.009	0.46	7.62	10.8	610	0.73	0.24	5.24	0.59	12.25	31.8	52	1.23	107.5
\$030014		6.84	0.042	0.48	7.81	18.0	790	0.91	0.18	10.85	0.81	15.65	29.8	60	0.34	67.4
\$030015		7.16	0.009	0.47	7.44	16.1	510	0.67	0.14	6.67	0.74	15.60	25.5	76	0.61	124.0
\$030016		6.14	0.012	1.43	6.96	29.8	250	0.75	0.12	5.99	1.56	18.80	28.9	75	1.55	141.0
\$030017		7.70	0.028	0.63	7.09	18.3	260	0.79	0.14	6.92	0.62	17.90	26.6	64	0.86	148.5
\$030018		5.82	0.008	0.74	7.27	82.5	740	0.71	0.11	6.56	2.70	19.90	25.3	72	3.66	102.0
\$030019		6.56	0.012	1.24	6.73	100.0	1360	0.71	0.06	7.81	0.85	19.20	32.5	68	2.26	118.0
\$030020		0.78	<0.005	0.02	0.18	0.8	50	0.08	0.01	31.0	0.05	1.21	1.0	1	0.05	4.5
\$030021		5.56	0.011	1.08	6.09	22.6	510	0.70	0.13	8.44	0.37	17.75	22.5	52	0.98	109.0
\$030022		7.34	0.011	0.62	6.74	19.7	190	0.73	0.14	5.53	0.25	17.85	26.5	67	1.54	142.0
\$030023		5.94	0.006	0.43	6.60	11.0	2120	0.71	0.09	7.00	1.77	17.05	21.9	64	1.24	163.5
\$030024		4.72	0.005	0.49	7.41	17.9	2380	0.66	0.05	3.43	0.97	20.3	20.3	79	1.18	146.0
\$030025		6.54	0.008	0.41	7.35	14.2	2320	0.77	0.15	4.28	0.70	19.70	23.9	82	1.50	95.2



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**CERTIFICATE OF ANALYSIS** 

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VA20200308

Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
S029989 S029990 S029991		6.66 4.61 6.22	13.95 12.25 14.75	0.15 0.13 0.15	0.5 1.4 0.6	0.049 1.370 0.057	2.49 3.65 2.24	6.4 13.9 6.6	27.5 12.7 32.0	2.25 0.46 2.44	1780 1120 1660	0.67 9.69 0.60	3.00 0.22 3.19	5.9 5.2 5.8	10.7 15.7 11.4	1930 920 1830
S029992 S029993 S029994		6.80 6.58 6.29	13.90 13.50 11.70	0.18 0.16 0.15	0.6 0.5	0.068 0.081 0.079	3.60 3.56 3.27	5.7 4.8 5.6	24.5 30.4 26.5	2.23 2.09 2.08	1540 1530 1330	0.74 0.59 0.79	2.54 2.14 2.51	4.4 4.2 5.0	15.9 16.1 13.3	1720 1660 1630
S029995 S029996 S029997 S029998		6.98 5.46 5.95 5.20	16.25 14.25 13.60 13.60	0.13 0.18 0.15 0.17 0.14	0.5 0.6 0.6 0.6	0.079 0.078 0.062 0.076 0.060	4.35 3.14 3.42 3.16	4.8 6.7 6.4 5.6	32.9 33.5 34.6 33.2	2.35 2.23 2.53 1.92	1570 1490 1620 1500	0.73 0.97 0.73 0.54	1.92 3.63 3.23 3.47	5.5 6.1 5.7 5.5	14.6 10.9 11.2 9.6	1870 1890 1830 1750
\$029999 \$030000 \$030001 \$030002		4.89 0.16 5.11 6.78	15.10 0.35 11.45 13.15	0.14 0.15 0.08 0.11 0.11	0.6 <0.1 0.4 0.7	0.050 <0.005 0.073 0.094	3.12 0.03 2.47 2.42	6.1 1.2 7.6 6.9	38.9 1.4 35.4 35.0	1.94 3.05 2.06 2.92	1390 155 1980 1980	0.70 0.05 1.12 0.67	3.40 0.05 1.27 2.48	6.4 0.2 4.0 3.7	8.2 0.9 11.4 28.1	1770 90 1650 1560
\$030003 \$030004 \$030005 \$030006		5.75 7.05 7.61 7.17	12.85 15.40 14.85 13.05	0.13 0.15 0.12 0.13	0.8 0.7 0.6	0.070 0.074 0.091 0.070	2.32 2.52 1.92 2.05	7.5 6.6 6.3	29.9 35.2 31.5 32.1	2.87 2.89 2.78 2.70	2070 2190 2020	0.75 1.18 1.21 1.11	3.06 3.00 2.76	4.7 5.5 5.1 4.9	19.6 18.9 19.8 17.7	2250 2110 2020
S030006CD S030007 S030008		7.53 6.62 7.26	13.00 16.20	0.13 0.13 0.13	0.6 0.7 0.8	0.074 0.062 0.072	2.09 2.41 2.36	6.0 6.8 6.9	33.5 23.2 24.7	2.74 2.70 2.81	2040 2110 2040	1.11 1.23 1.19	2.76 2.27 3.17	4.8 5.0 5.4	18.0 16.8	2080 2110 2220
\$030008 \$030009 \$030010 \$030011 \$030012		6.71 4.34 6.12 6.41	14.30 15.10 12.95 15.45 14.45	0.13 0.10 0.12 0.12 0.12	0.8 0.7 0.9 0.8 0.7	0.072 0.062 0.042 0.051 0.053	2.56 1.92 2.66 2.72 3.66	5.7 13.1 6.5 5.7	24.7 41.4 9.7 29.0 33.5	3.14 0.36 2.94 3.24	2240 215 2200 2210	1.19 1.22 4.90 0.74 0.53	3.17 3.27 0.19 1.82 1.79	5.4 5.3 5.6 4.4 4.1	17.7 19.0 13.7 23.8 24.6	2280 1230 1830 1730
\$030013 \$030014 \$030015 \$030016 \$030017		6.55 7.69 6.82 6.53 6.71	15.75 20.3 14.75 13.35 15.95	0.13 0.11 0.10 0.11 0.13	0.8 0.9 0.9 0.7 0.8	0.071 0.083 0.091 0.090 0.078	3.14 1.23 1.94 2.78 2.44	6.0 7.9 8.4 10.3 9.7	28.6 15.0 13.4 21.6 17.9	3.10 2.69 3.32 3.27 2.99	2020 2110 2030 1810 1830	0.60 0.74 0.98 0.50 0.44	2.04 1.02 2.41 1.88 1.66	3.6 4.2 4.0 4.2 4.1	26.0 27.2 27.8 28.6 27.4	1610 1660 1550 1630 1650
\$030018 \$030019 \$030020 \$030021 \$030022		5.82 5.75 0.20 5.50 7.25	13.55 12.85 0.52 10.80 11.20	0.12 0.10 0.08 0.08 0.11	0.7 0.8 0.1 0.8 0.7	0.085 0.059 <0.005 0.054 0.073	3.23 2.48 0.05 1.77 3.13	10.8 10.9 1.3 9.3 8.6	34.3 36.8 1.9 42.5 33.9	3.13 2.55 3.21 2.56 3.15	1910 1930 172 1820 1710	0.53 0.56 0.22 0.60 0.44	2.07 1.84 0.06 2.22 1.90	4.5 4.1 0.2 3.4 3.6	29.0 27.6 2.0 21.1 24.8	1700 1620 90 1480 1600
\$030023 \$030024 \$030025		5.45 6.38 6.51	11.35 12.50 13.55	0.09 0.10 0.10	1.0 0.9 0.6	0.057 0.063 0.061	2.58 3.06 3.07	8.6 10.7 10.7	49.8 46.7 48.3	4.01 3.97 3.83	1840 2000 1920	0.44 0.84 0.57	2.03 2.38 1.92	3.4 4.0 4.1	23.6 26.6 27.8	1560 1740 1800



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

CERTIFICATE OF ANALYSIS VA20200308

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									CERTIFICATE OF ANALTSIS				VA20200300			
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S029989		11.7	58.9	<0.002	3.67	12.05	30.3	14	1.4	550	0.33	0.11	0.67	0.471	1.24	0.3
S029990		8140	151.0	0.004	2.90	72.7	11.6	2	4.0	137.0	0.32	0.24	3.87	0.238	3.30	2.1
S029991		9.8 10.6	49.4 81.7	<0.002 <0.002	2.95 4.59	3.93	31.0 34.2	11 17	1.1 1.7	469 612	0.32 0.25	0.08 0.15	0.72 0.64	0.441 0.424	1.13 1.75	0.3
S029992 S029993		14.2	79.0	<0.002	4.06	4.53 4.56	32.3	14	1.7	625	0.22	0.15	0.54	0.424	1.75	0.3 0.3
S029994		19.5	87.4	<0.002	4.74	3.15	29.5	15	2.0	426	0.28	0.18	0.67	0.414	1.60	0.3
S029995		21.4	83.3	<0.002	4.83	3.83	28.5	18	1.7	332	0.28	0.22	0.59	0.430	2.14	0.4
S029996		11.8	68.9	<0.002	3.13	2.74	23.3	11	1.3	407	0.35	0.11	0.84	0.385	1.47	0.4
S029997		12.9	75.3	<0.002	3.88	2.56	25.4	15	1.2	480	0.32	0.13	0.81	0.370	1.73	0.4
S029998		11.1	59.6	<0.002	3.50	2.04	21.3	12	1.2	379	0.33	0.06	0.74	0.352	1.62	0.3
\$029999		10.6	64.2	<0.002	3.12	2.36	17.4	11	1.2	416	0.37	0.08	0.77	0.327	1.68	0.3
\$030000		3.4	0.9	<0.002	0.03	0.10	0.4	1	<0.2	78.1	<0.05	<0.05	0.08	0.008	0.03	0.1
\$030001		13.8	91.4	0.002	3.25	4.75	25.8	11	1.3	324	0.21	0.05	0.65	0.353	1.43	0.3
\$030002		14.6	63.2	<0.002	4.64	3.16	37.6	13	1.3	507	0.20	0.13	0.90	0.364	1.23	0.5
S030003		12.2	54.9	<0.002	3.36	3.34	34.4	12	1.3	475	0.26	0.11	0.88	0.401	1.17	0.4
\$030004		16.6	54.2	<0.002	4.10	4.58	36.6	16	1.2	542	0.32	0.13	0.88	0.470	1.21	0.5
\$030005		12.0	40.5	<0.002	4.34	6.88	36.6	15	1.5	631	0.28	0.13	0.77	0.438	0.98	0.4
\$030006		8.6	46.8	<0.002	4.03	5.84	34.7	12	1.4	521	0.25	0.06	0.69	0.421	1.05	0.4
\$030006CD		9.5	46.6	<0.002	4.39	5.97	34.0	14	1.4	526	0.26	0.08	0.70	0.434	1.08	0.4
\$030007		10.9	60.4	<0.002	3.30	9.01	36.0	10	1.2	508	0.27	0.05	0.86	0.438	1.24	0.4
S030008 S030009		13.1 7.4	44.7 29.4	<0.002 <0.002	3.93 3.13	5.91 4.12	35.5 34.8	8 5	1.3 1.1	514 418	0.28 0.29	0.07 0.09	0.80 0.66	0.456 0.479	1.11 0.93	0.4 0.3
\$030010		50.1	124.0	<0.002	3.99	36.0	14.5	4	1.9	129.5	0.30	0.27	2.58	0.286	2.34	1.0
\$030011		13.9	54.5	<0.002	2.87	4.82	38.3	5	0.7	379	0.24	0.05	0.91	0.418	1.30	0.4
\$030012		5.9	68.0	<0.002	2.70	4.22	38.9	3	0.7	347	0.22	0.05	0.80	0.414	1.68	0.3
\$030013		16.6	68.8	<0.002	3.12	5.61	37.1	6	1.0	491	0.21	0.07	0.77	0.376	1.58	0.4
\$030014		30.6	20.0	<0.002	4.63	8.58	38.5	10	1.5	507	0.23	0.12	1.30	0.367	0.60	0.5
\$030015		35.9	46.8	<0.002	3.04	7.99	36.8	8	1.5	604	0.22	0.11	1.26	0.342	1.00	0.6
\$030016		70.9	79.5	<0.002	3.10	16.40	38.4	7	1.2	510	0.23	0.11	1.65	0.335	1.41	0.6
\$030017		21.6	53.0	<0.002	3.43	8.65	35.1	6	1.3	579	0.24	0.09	1.67	0.330	1.22	0.6
\$030018		26.5	87.8	<0.002	2.23	4.28	37.7	3	1.0	402	0.24	0.06	1.71	0.342	1.77	0.5
\$030019		17.6	68.9	<0.002	1.74	5.72	36.0	2	0.6	359	0.22	0.06	1.75	0.320	1.56	0.5
\$030020		2.2	1.2	<0.002	0.04	0.30	0.8	1	<0.2	82.1	<0.05	<0.05	0.10	0.011	0.02	0.1
\$030021		8.4	44.1	<0.002	2.73	3.48	30.0	5	0.8	311	0.20	0.07	1.53	0.297	0.80	0.5
\$030022 \$030023 \$030024 \$030025		8.2 22.7 9.4 16.8	75.5 63.3 69.2 66.4	<0.002 <0.002 <0.002 <0.002	4.51 1.69 1.61 2.14	4.82 2.62 3.45 3.91	35.5 33.0 37.0 37.5	7 3 2 3	1.0 0.6 0.8 0.7	384 386 529	0.20 0.20 0.23 0.24	0.09 0.06 <0.05 0.09	1.46 1.68 1.72 1.49	0.322 0.314 0.356 0.365	1.39 1.19 1.35 1.47	0.5 0.5 0.6 0.5



To: PRETIVM
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1055 DUNSMUIR STREET
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CERTIFICATE OF ANALYSIS VA20200308

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										EKTITICATE OF ANALISIS	VA20200300
	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34		
	Analyte	V	W	Υ	Zn	Zr	Si	Ti	Zr		
Sample Description	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5		
S029989		264	1.4	17.8	78	11.4	20.1	0.5	62		
S029990		118	3.8	9.3	1740	43.5	28.6	0.4	85		
S029991		256	0.7	18.4	89	13.2	21.0	0.5	61		
S029992		251	0.6	18.1	80	14.5	22.1	0.5	60		
S029993		235	0.5	16.5	102	12.3	20.5	0.5	64		
S029994		245	0.7	16.9	91	12.5	21.5	0.5	61		
S029995		246	1.0	15.7	104	14.1	20.9	0.5	67		
S029996		190	0.9	16.8	88	15.2	22.0	0.4	72		
S029997		199	0.8	17.3	105	14.8	22.2	0.5	73		
S029998		181	1.3	14.1	109	16.0	19.8	0.4	74		
S029999		153	1.4	15.0	97	18.2	20.5	0.4	84		
S030000		3	<0.1	2.2	5	1.8	3.3	<0.1	6		
S030001		210	1.8	17.4	93	10.7	15.1	0.4	49		
S030002		258	0.5	15.2	96	16.3	17.5	0.4	46		
S030003		255	0.6	16.5	116	17.3	19.1	0.4	49		
S030004		292	0.9	20.2	103	20.9	20.5	0.5	60		
S030005		277	8.0	18.6	115	18.2	20.8	0.5	55		
S030006		260	0.6	17.9	93	14.9	20.9	0.5	60		
S030006CD		266	0.7	17.8	96	14.7	20.3	0.5	53		
S030007		268	3.1	18.5	88	20.1	20.6	0.5	51		
S030008		281	0.7	19.1	93	22.3	21.4	0.5	56		
S030009		287	8.0	17.2	108	17.2	20.8	0.5	59		
S030010		136	2.3	8.1	190	31.5	33.1	0.4	74		
S030011		263	0.9	16.2	82	21.9	20.4	0.5	56		
S030012		275	0.7	13.3	80	20.4	21.0	0.5	52		
S030013		276	8.0	14.4	91	21.0	22.0	0.5	49		
S030014		257	1.1	15.2	101	27.4	19.0	0.4	50		
S030015		244	0.7	14.6	110	22.4	21.7	0.4	51		
S030016		257	6.2	14.4	153	18.0	20.6	0.4	54		
S030017		239	0.7	13.8	85	21.8	19.0	0.4	48		
S030018		257	1.8	14.5	266	22.4	19.1	0.4	47		
S030019		239	1.3	14.5	107	19.6	17.0	0.4	46		
S030020		6	<0.1	2.2	7	2.0	4.4	0.1	8		
S030021		219	1.9	14.0	71	30.0	16.9	0.3	41		
S030022		238	0.6	12.3	77	16.8	19.3	0.4	47		
S030023		227	0.5	12.3	178	38.2	18.7	0.4	47		
S030024		254	0.5	14.1	135	25.2	21.6	0.4	54		
S030025		262	0.6	14.4	125	15.7	20.1	0.4	51		



To: PRETIVM
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CERTIFICATE	OF ANALYSIS	VA20200308
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		CERTIFICATE OF ANALETSIS	V/120200300									
	CERTIFICATE O	COMMENTS										
	AN	NALYTICAL COMMENTS										
Applies to Method:	REEs may not be totally soluble in this method. ME-MS61											
	LAI	BORATORY ADDRESSES										
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.											
Applies to Method:	Au-AA23       BAG-01         LOG-21d       LOG-23         PUL-32md       PUL-QC         SPL-21d       WEI-21	CRU-31 ME-MS61 pXRF-34	LOG-21 PUL-32m SPL-21									



ALS Canada Ltd.

2103 Dollarton Hwy
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To: **PRETIVM** 

Page: 1 Total # Pages: 3 (A - D) Plus Appendix Pages Finalized Date: 22-SEP-2020 This copy reported on

27-JAN-2021 Account: PREBOW

## VA20200387

Project: Bowser Regional Project

P.O. No.: BOW-1111

This report is for 54 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 10-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
KEN MCNAUGHTON	STEPHAINE WAFFORN	

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

CERTIFICATE OF ANALYSIS VA20200387

Page: 2 - A Total # Pages: 3 (A - D) Plus Appendix Pages Finalized Date: 22-SEP-2020 Account: PREBOW

									CERTIFICATE OF ANALTSIS				VA20200387			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030151		5.54	0.187	1.03	8.31	5.0	1400	1.03	0.06	1.93	0.30	15.90	13.3	39	5.18	82.4
\$030152		7.08	0.181	0.55	8.16	4.0	1030	1.08	0.09	1.98	0.36	25.1	16.2	37	3.43	47.8
\$030153		6.52	0.245	0.96	8.14	4.5	1330	1.16	0.08	2.14	0.34	29.7	15.7	38	3.56	107.5
\$030154		5.54	0.256	1.08	7.83	14.6	1100	1.06	0.17	3.14	2.17	25.4	11.8	37	4.34	71.3
\$030155 \$030156 \$030157 \$030158 \$030159 \$030160		7.06 5.76 6.40 5.48 4.78 1.00	0.262 0.146 0.362 0.099 0.278 <0.005	0.49 0.49 0.28 0.41 0.01	7.92 8.29 7.75 8.01 8.13 0.09	6.5 5.1 4.5 4.8 4.9 0.3	1060 1290 1630 1290 20	0.98 1.08 1.01 0.95 1.16 0.05	0.25 0.07 0.08 0.04 0.06 0.01	2.12 2.01 1.86 2.22 2.82 33.3	2.07 1.56 1.05 0.12 0.19 0.02	28.4 26.2 14.15 18.85 17.90 1.30	9.6 9.6 10.4 11.3 0.6	41 41 38 47 40 2	3.80 3.87 4.03 3.21 3.13 0.09	51.0 30.0 28.9 41.8 2.2
\$030161		5.52	0.279	0.54	7.80	4.4	490	1.22	0.08	2.06	0.24	17.45	11.4	38	2.99	48.7
\$030162		5.24	0.212	0.37	8.14	3.7	1050	1.52	0.05	1.28	0.24	18.25	10.9	40	2.46	22.9
\$030163		4.98	0.156	0.28	8.03	3.2	1210	1.23	0.04	1.24	0.17	16.25	9.3	34	2.12	26.3
\$030164		6.08	0.219	0.53	7.90	4.6	1310	1.24	0.09	1.18	0.40	17.45	10.9	34	2.25	77.9
\$030165		5.16	0.324	0.46	8.29	3.9	1160	1.18	0.10	1.45	0.34	36.9	13.1	38	2.05	77.3
\$030166		4.60	0.269	0.39	8.74	4.1	1380	1.53	0.07	1.42	0.25	30.0	11.4	39	2.16	57.5
\$030166CD		<0.02	0.259	0.43	8.60	3.4	1430	1.49	0.07	1.42	0.27	29.3	11.3	40	2.11	56.0
\$030167		4.86	0.287	0.41	8.06	3.3	1180	1.19	0.06	1.49	0.14	24.5	12.4	41	1.79	76.6
\$030168		6.74	0.168	0.67	8.51	5.2	1930	1.63	0.08	2.02	0.29	36.4	15.8	44	3.59	97.0
\$030169		5.42	0.187	0.59	8.17	4.2	2210	1.31	0.08	1.79	0.51	30.0	11.8	36	2.90	109.5
\$030170		0.12	1.070	30.0	5.50	375	330	1.25	0.94	0.62	1.59	28.0	13.5	17	7.95	108.5
\$030171		6.46	0.278	0.53	8.11	5.2	1250	1.48	0.08	1.70	0.20	34.4	14.7	41	3.69	112.0
\$030172		5.34	0.305	0.54	7.88	4.2	2230	1.17	0.08	2.30	0.25	34.4	10.9	42	3.23	109.0
\$030173		4.78	0.414	0.68	8.39	6.7	1940	1.38	0.09	2.54	22.4	44.5	18.9	36	3.68	41.9
\$030174		6.46	0.249	0.49	7.73	8.1	1330	1.76	0.12	3.50	8.52	36.9	14.2	34	5.90	26.2
\$030175		6.16	0.164	1.59	6.68	9.8	510	1.53	0.20	6.60	22.6	33.6	11.2	28	5.56	58.9
\$030176		5.60	0.113	0.37	8.31	42.2	760	1.29	0.05	4.11	2.36	27.0	8.4	33	5.19	9.4
\$030177		5.96	0.149	2.63	8.31	47.1	480	1.38	0.12	3.66	0.92	32.8	14.6	31	5.22	85.5
\$030178		7.44	0.240	1.21	8.89	17.5	1180	1.89	0.08	3.31	3.50	32.8	10.7	38	5.30	52.0
\$030179		4.58	0.102	0.56	7.95	19.1	1750	1.03	0.03	3.12	0.88	19.85	16.1	28	4.23	108.5
\$030180		0.58	<0.005	0.02	0.09	<0.2	20	0.06	0.01	33.6	0.02	1.10	0.7	1	<0.05	1.5
\$030181		5.50	0.022	0.23	7.66	14.2	530	0.86	0.01	2.52	0.25	11.45	17.7	25	4.75	93.9
\$030182		5.32	0.098	0.23	7.82	8.9	630	0.77	0.01	3.37	0.36	14.20	17.7	24	3.88	113.5
\$030183		5.96	0.055	0.24	8.25	10.9	600	0.66	0.02	2.88	0.26	15.05	18.8	20	3.14	108.0
\$030184		5.14	0.016	0.17	8.12	7.6	770	0.62	0.02	3.05	0.26	15.15	16.3	29	2.78	86.3
S030185		6.36	0.008	0.21	8.26	7.8	620	0.66	0.03	2.91	0.18	15.40	18.2	20	2.90	106.5
S030186		6.08	0.006	0.21	7.88	7.3	580	0.60	0.04	3.26	0.13	15.20	17.6	20	2.89	103.0
S030186CD		<0.02	0.006	0.22	7.99	7.4	890	0.64	0.04	3.24	0.12	15.45	17.4	21	2.96	102.5
S030187		5.70	<0.005	0.22	8.34	7.4	1950	0.72	0.04	2.74	0.22	17.80	16.4	22	3.27	95.3
S030188		5.96	0.011	0.27	8.09	11.2	480	0.61	0.06	2.87	0.29	13.10	18.6	20	3.27	110.0



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(ALS	,							CERTIFICATE OF ANALYSIS VA2020							200387	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030151 \$030152 \$030153 \$030154 \$030155		3.23 4.65 4.46 4.23 4.77	16.50 18.75 19.15 17.35 19.10	0.20 0.21 0.22 0.21 0.20	0.9 1.1 1.2 1.1	0.010 0.015 0.017 0.027 0.024	3.97 3.90 3.53 3.95 3.60	7.3 12.2 16.5 14.2 15.4	16.0 20.6 21.1 17.3 20.6	0.98 1.62 1.60 1.14 1.31	675 840 842 879 860	2.94 2.05 2.56 2.07 2.28	2.60 2.67 2.81 2.40 2.85	3.7 5.1 5.2 5.1 5.4	15.9 21.1 21.6 18.4 16.5	680 1130 1140 1070 1080
\$030156 \$030157 \$030157 \$030158 \$030159 \$030160		3.93 3.43 4.04 4.55 0.14	18.60 16.45 17.80 20.3 0.33	0.19 0.18 0.19 0.18 0.15	1.1 0.9 0.9 1.1 0.1	0.013 0.013 0.011 0.014 <0.005	3.50 3.99 3.05 3.01 0.03	13.0 6.3 8.1 7.1 1.3	22.1 18.4 25.1 25.9 1.1	1.15 0.88 1.38 1.57 2.46	805 695 1080 1280 164	2.82 3.62 2.09 1.44 0.11	2.97 2.44 2.84 3.22 0.04	4.9 4.0 4.6 5.4 0.1	15.2 14.0 18.3 17.7 0.5	900 650 810 1070 70
\$030161		4.19	17.20	0.20	1.0	0.013	3.76	7.8	15.3	1.12	882	1.53	2.79	4.5	15.0	770
\$030162		3.94	17.90	0.16	1.1	0.014	3.59	8.1	22.2	1.47	927	1.24	3.26	4.5	14.6	730
\$030163		3.22	18.45	0.15	1.0	0.010	4.20	8.6	19.4	1.09	816	2.98	2.96	3.7	12.3	610
\$030164		3.40	17.95	0.17	1.1	0.016	4.53	8.4	18.6	1.01	739	4.55	2.85	4.0	15.5	770
\$030165		4.68	19.50	0.19	1.6	0.020	4.09	19.2	18.5	1.27	868	1.86	3.11	5.2	17.1	1130
S030166		4.24	21.8	0.17	1.6	0.018	3.87	15.8	23.8	1.58	956	1.50	3.41	5.6	17.9	990
S030166CD		4.19	21.6	0.19	1.4	0.021	3.71	15.2	23.7	1.57	934	1.48	3.37	5.5	19.3	960
S030167		3.75	19.15	0.17	1.4	0.013	3.64	12.6	22.4	1.25	802	6.51	3.14	5.0	16.3	790
S030168		3.99	22.2	0.19	1.3	0.018	4.21	18.3	23.3	1.57	995	4.02	2.63	6.5	23.8	1130
S030169		3.39	19.15	0.17	1.3	0.021	4.02	15.1	19.3	1.44	903	3.94	3.01	5.7	17.8	910
\$030170		4.24	13.20	0.13	1.2	0.036	2.57	14.5	10.3	0.34	216	4.58	0.18	5.7	13.6	1200
\$030171		3.91	19.40	0.16	1.3	0.016	4.02	18.1	19.1	1.51	924	3.95	2.58	6.0	23.4	1000
\$030172		3.53	18.25	0.17	1.3	0.014	3.41	17.3	19.5	1.43	1040	1.49	2.90	5.3	18.6	960
\$030173		3.83	21.4	0.20	1.7	0.024	3.15	22.4	24.1	1.98	1240	1.67	3.27	6.6	23.5	1400
\$030174		3.56	21.1	0.20	1.4	0.022	3.64	20.0	20.1	2.19	1280	0.94	1.73	5.5	18.3	1170
\$030175		3.33	18.30	0.20	1.3	0.053	2.86	16.6	12.0	2.32	1630	0.94	1.41	4.5	15.5	950
\$030176		3.00	19.75	0.19	1.4	0.022	4.31	12.0	13.0	1.98	1260	3.86	0.68	5.9	15.7	1240
\$030177		3.43	20.8	0.17	1.2	0.018	3.86	13.5	8.7	1.57	1130	4.68	0.93	6.2	16.5	1350
\$030178		3.43	23.4	0.21	1.6	0.025	4.00	13.5	11.0	1.74	1180	5.46	2.16	7.1	25.4	1710
\$030179		4.71	17.60	0.15	0.9	0.103	3.49	10.5	16.9	1.80	1180	5.30	2.15	6.9	17.4	1630
\$030180		0.11	0.29	0.10	<0.1	0.005	0.03	1.2	0.8	1.54	125	0.09	0.02	0.1	<0.2	70
\$030181		5.39	16.85	0.10	0.7	0.146	3.21	6.1	25.2	2.08	1270	0.61	1.78	7.3	13.1	1760
\$030182		5.24	16.70	0.08	0.9	0.110	2.77	7.7	27.6	1.91	1300	0.34	2.42	7.4	11.9	1770
\$030183		5.46	17.20	0.10	0.8	0.092	3.15	8.4	30.6	2.02	1230	0.34	2.65	8.3	11.6	1880
\$030184		5.09	16.95	0.09	0.8	0.087	2.98	8.4	29.9	1.94	1240	0.73	2.75	8.0	12.0	1820
\$030185		5.08	17.05	0.10	0.7	0.087	3.41	8.4	29.4	1.93	1160	0.51	2.62	8.1	11.4	1840
\$030186		4.99	16.40	0.08	0.7	0.089	3.51	8.2	28.9	1.88	1200	0.37	2.42	7.8	10.9	1740
\$030186CD		4.94	16.75	0.13	0.8	0.090	3.49	8.5	29.7	1.87	1180	0.31	2.46	7.7	10.7	1780
\$030187		4.46	17.85	0.11	1.0	0.078	3.52	10.1	30.7	1.90	1100	0.41	2.66	8.5	10.8	1920
\$030188		5.01	15.45	0.11	0.7	0.076	3.68	7.2	26.0	1.68	978	0.38	2.56	7.8	10.6	1810



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(ALS)									С	CERTIFICATE OF ANALYSIS					VA20200387			
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1		
\$030151 \$030152 \$030153 \$030154 \$030155		22.3 25.1 25.6 38.1 32.7	123.0 92.0 90.8 118.0 94.7	0.002 <0.002 0.004 0.008 0.020	2.18 2.76 2.20 2.93 3.42	2.62 1.59 1.65 2.12 1.55	8.3 11.0 11.3 11.0 11.8	12 10 13 13	1.3 1.3 1.6 1.6 1.7	206 240 242 235 213	0.24 0.32 0.31 0.30 0.33	<0.05 <0.05 <0.05 0.08 0.06	2.13 2.60 2.81 2.81 2.78	0.266 0.343 0.352 0.345 0.365	2.46 2.26 2.16 2.46 2.26	1.1 1.3 1.5 1.2 1.3		
S030156 S030157 S030158 S030159 S030160		29.6 26.3 16.1 17.6 0.7	108.5 122.0 99.7 81.8 1.1	0.009 0.013 0.004 0.009 <0.002	2.22 2.09 1.01 2.05 0.01	1.44 1.16 1.12 1.64 0.06	10.3 7.6 9.0 11.0 0.2	7 9 2 10	1.8 1.2 1.7 1.8 <0.2	189.5 172.0 189.0 223 82.3	0.31 0.26 0.31 0.34 <0.05	<0.05 <0.05 <0.05 <0.05 <0.05	2.73 2.21 2.84 2.85 0.08	0.344 0.269 0.330 0.376 0.007	2.13 2.44 1.87 1.89 0.02	1.5 1.1 1.1 1.1 0.1		
\$030161 \$030162 \$030163 \$030164 \$030165		28.2 32.7 27.0 31.3 26.4	102.5 95.5 111.5 125.5 116.5	<0.002 0.003 0.017 0.033 0.007	3.00 2.10 1.09 2.17 2.85	2.29 2.05 1.77 1.98 2.26	9.9 10.6 8.6 9.9 13.2	14 9 4 10 11	1.3 1.5 1.2 1.2 1.5	214 221 273 276 296	0.28 0.28 0.25 0.26 0.35	0.05 <0.05 <0.05 <0.05 <0.05	2.41 2.38 2.40 2.90 3.92	0.314 0.312 0.244 0.245 0.338	2.23 1.99 2.16 2.40 2.25	1.0 1.2 1.1 1.3 1.4		
\$030166 \$030166CD \$030167 \$030168 \$030169		26.9 27.5 24.6 21.6 30.8	113.0 109.5 102.0 131.5 112.0	0.005 0.004 0.047 0.027 0.029	1.83 1.80 1.51 1.66 1.81	2.46 2.42 1.40 3.54 2.90	13.3 12.9 11.4 14.3 13.4	12 13 12 8 9	1.7 1.7 1.4 1.6 1.6	312 312 266 376 341	0.35 0.34 0.33 0.41 0.36	<0.05 <0.05 <0.05 <0.05 <0.05	3.61 3.51 3.21 4.20 3.33	0.336 0.335 0.305 0.378 0.326	2.16 2.07 1.95 2.27 2.23	1.8 1.6 1.8 1.6 1.6		
\$030170 \$030171 \$030172 \$030173 \$030174		49.9 24.9 29.2 98.1 70.2	122.0 119.5 105.0 101.0 147.0	<0.002 0.033 0.012 0.008 0.003	3.83 1.69 1.65 2.49 2.43	35.5 4.52 2.21 2.26 4.31	14.1 12.2 13.4 15.4 13.8	5 9 8 8	1.8 1.6 1.8 2.2 2.1	129.0 404 394 357 312	0.32 0.37 0.35 0.40 0.34	0.29 <0.05 <0.05 0.06 0.05	3.01 3.09 3.71 4.91 4.08	0.270 0.333 0.333 0.377 0.321	2.12 2.38 2.12 2.05 2.51	1.1 1.6 1.6 2.1 1.8		
\$030175 \$030176 \$030177 \$030178 \$030179		147.5 117.5 44.0 427 61.1	129.5 148.0 143.5 139.0 112.0	0.002 0.007 0.006 0.010 0.005	2.31 0.96 1.31 1.50 2.69	20.9 8.86 41.8 21.0 11.50	11.2 10.2 13.0 16.5 23.2	9 3 5 9	2.1 2.4 2.3 2.6 1.7	395 521 497 532 383	0.29 0.37 0.40 0.44 0.37	<0.05 <0.05 0.05 <0.05 0.05	2.92 3.84 4.20 4.89 2.29	0.285 0.349 0.353 0.375 0.313	2.23 2.42 2.08 2.19 1.93	1.6 2.0 2.1 2.9 1.5		
\$030180 \$030181 \$030182 \$030183 \$030184		1.0 53.5 49.1 49.6 43.6	0.9 112.0 89.4 96.0 90.1	<0.002 <0.002 <0.002 <0.002 0.003	0.02 3.11 2.80 2.94 2.56	0.22 8.00 4.14 2.92 2.40	0.3 29.7 30.7 31.5 30.4	1 6 4 3 2	<0.2 1.4 1.0 1.0 0.8	86.9 245 361 356 355	<0.05 0.37 0.39 0.43 0.40	<0.05 0.05 0.05 0.07 0.05	0.07 1.60 1.55 1.69 1.61	0.005 0.290 0.298 0.304 0.295	<0.02 2.08 1.78 1.89 1.81	0.2 0.8 0.7 0.8 0.8		
S030185 S030186 S030186CD S030187 S030188		46.7 45.1 46.0 37.8 38.3	99.7 101.0 100.5 105.0 101.0	0.002 <0.002 <0.002 0.002 <0.002	2.69 2.64 2.61 2.07 3.12	2.32 1.89 1.92 1.80 1.94	30.3 29.7 30.2 32.1 29.2	1 1 1 1	0.7 0.6 0.7 0.7 0.6	361 359 366 383 367	0.40 0.41 0.41 0.44 0.41	0.05 <0.05 0.05 0.06 0.06	1.64 1.59 1.72 1.83 1.56	0.299 0.288 0.292 0.303 0.297	2.10 2.07 2.18 2.12 2.18	0.8 0.7 0.8 0.9		



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(ALS)	,								CERTIFICATE OF ANALYSIS VAZ	20200387
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	DXRF-34 Zr ppm 5	
030151 030152 030153		103 118 118	3.8 3.1 3.8	6.7 12.8 13.8	65 99 114	29.2 37.8 42.6	26.5 24.5 24.3	0.3 0.4 0.4	105 126 129	
030154 030155		115 129	5.7 3.8	12.4 13.1	133 161	37.1 35.8	24.5 24.0	0.4 0.4	121 132	
030156 030157 030158 030159 030160		118 95 116 123 1	2.8 2.9 3.3 2.5 <0.1	12.0 8.5 10.8 12.9 2.5	169 105 127 132 3	38.6 29.1 28.3 34.7 2.2	27.0 27.6 25.7 23.5 3.8	0.4 0.3 0.4 0.4 <0.1	128 103 126 121 7	
030160 030161 030162 030163 030164		109 118 90 90	2.7 2.6 2.1 2.4	9.8 10.3 9.2 8.6	87 110 83 85	31.9 33.9 31.5 41.5	25.3 25.6 27.2 27.4	0.4 0.3 0.3 0.3	136 115 105 100	
030165 030166 030166CD		120 116 113	3.2 2.6 2.6	16.6 15.5 14.7	96 107 107	47.5 48.3 52.1	25.1 25.0 25.2	0.4 0.4 0.4	130 136 131	
030167 030168 030169		111 133 112	2.0 3.8 2.9	12.6 18.9 9.7	88 108 103	38.1 47.0 41.0	26.3 25.0 25.8	0.3 0.5 0.4	126 132 131	
030170 030171 030172 030173 030174		131 119 112 131 120	2.3 3.2 3.0 2.7 3.1	12.2 10.3 11.4 17.1 12.5	178 103 129 1260 512	67.8 46.4 41.2 56.6 45.7	33.0 25.1 25.0 23.6 22.8	0.4 0.6 0.5 0.5 0.4	77 136 149 108 111	
030175 030176 030177 030178 030179		103 101 107 153 210	2.7 7.9 8.2 14.6 3.3	12.7 10.0 10.4 13.2 8.2	1160 232 96 272 97	44.0 45.4 48.0 52.9 36.6	21.0 23.1 22.4 22.8 21.8	0.3 0.4 0.3 0.5 0.4	118 116 116 114 68	
030180 030181 030182 030183 030184		2 246 251 256 244	<0.1 1.8 1.5 1.5 0.9	2.1 5.5 7.1 6.9 7.9	3 71 79 72 67	1.5 25.2 24.4 25.2 26.0	2.8 22.7 22.7 22.6 22.9	<0.1 0.4 0.4 0.4 0.4	<5 42 48 47 47	
5030185 5030186 5030186CD 5030187 5030188		244 234 235 254 237	0.8 0.8 0.8 1.4 1.8	9.1 9.5 10.0 9.2 7.9	61 57 56 58 51	24.7 23.6 33.1 31.7 20.9	22.3 22.5 22.8 23.0 23.4	0.4 0.4 0.4 0.4 0.4	51 49 49 50 47	



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**CERTIFICATE OF ANALYSIS VA20200387** 

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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 AI % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
S030189		6.18	0.006	0.24	7.88	10.5	470	0.63	0.06	3.10	0.39	15.30	18.1	18	3.12	91.1
S030190		0.16	0.945	11.50	5.92	313	660	0.94	0.18	3.55	4.24	24.4	10.5	25	6.59	83.7
S030191		5.86	0.006	0.23	7.70	9.0	1220	0.65	0.07	3.30	0.12	15.30	15.4	16	3.51	71.3
S030192		7.08	0.006	0.28	8.11	12.5	600	0.78	0.06	2.67	0.10	15.45	19.1	18	3.81	84.0
S030193		5.72	0.005	0.25	7.64	15.3	640	0.65	0.07	3.65	0.19	13.85	16.5	20	3.13	90.7
S030194		5.16	0.005	0.20	8.21	11.6	600	0.65	0.09	2.72	0.15	16.70	19.7	18	2.98	87.3
S030195		4.24	0.006	0.26	7.92	9.5	620	0.62	0.09	2.70	0.10	15.70	17.4	18	2.56	85.5
S030196		5.74	0.006	0.20	7.84	9.3	1030	0.60	0.08	2.78	0.11	14.75	16.3	20	2.37	76.5
S030197		5.08	< 0.005	0.31	7.37	10.5	520	0.82	0.09	3.42	0.36	12.60	17.5	18	3.55	82.6
S030198		6.92	0.006	0.31	6.92	11.8	660	0.85	0.08	3.29	0.33	11.15	17.5	20	4.22	91.6
S030199		6.20	0.008	0.33	6.77	10.7	610	0.84	0.09	3.45	0.44	11.10	16.9	20	4.37	88.7
S030200		0.86	< 0.005	0.01	0.10	0.5	40	0.08	0.01	33.4	< 0.02	1.12	0.7	1	0.06	2.5
S030201		5.82	0.006	0.33	6.93	13.4	670	0.77	0.08	3.47	0.56	12.05	16.6	19	4.85	81.8
S030202		7.58	0.013	0.41	6.71	164.5	900	0.79	0.05	4.75	0.42	11.65	16.4	18	7.00	91.3



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**CERTIFICATE OF ANALYSIS VA20200387** 

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								-								
Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
S030189		5.03	15.60	0.10	0.7	0.078	3.43	8.3	28.6	1.76	1060	0.28	2.44	8.0	9.5	1780
S030190		3.80	13.40	0.12	1.3	0.042	3.76	12.5	12.5	0.54	1340	9.39	0.20	5.1	19.7	880
S030191		4.74	16.05	0.10	0.7	0.062	3.19	8.7	30.8	1.81	1080	0.30	2.14	7.8	8.5	1660
S030192		5.11	17.45	0.12	0.9	0.059	3.44	8.4	28.9	1.71	971	0.30	2.24	8.3	10.4	1750
S030193		4.81	14.75	0.10	0.7	0.064	3.51	7.7	23.8	1.65	1080	0.27	2.11	7.2	9.3	1670
S030194		5.14	16.45	0.12	0.8	0.061	3.86	9.4	30.7	1.78	909	0.36	2.31	8.4	10.1	1850
S030195		4.78	16.05	0.10	8.0	0.057	3.47	8.4	31.0	1.81	904	0.33	2.32	8.1	9.6	1770
S030196		5.03	15.90	0.10	0.9	0.056	3.00	8.4	35.4	2.13	1020	0.26	2.36	7.9	10.0	1770
S030197		5.22	16.35	0.12	0.8	0.064	3.23	6.6	35.3	2.19	1120	0.42	2.02	8.1	10.5	1830
S030198		5.12	17.05	0.14	0.8	0.059	3.25	5.7	36.1	2.08	1080	0.39	1.68	8.4	10.7	1850
S030199		4.94	16.10	0.14	0.8	0.051	3.36	5.5	33.8	2.06	1040	0.33	1.32	8.2	10.6	1870
S030200		0.13	0.34	0.12	0.1	< 0.005	0.02	1.3	1.7	2.09	146	0.06	0.03	0.2	<0.2	90
S030201		4.84	16.10	0.12	8.0	0.052	3.76	6.4	19.0	2.00	1020	0.39	1.43	7.8	10.3	1830
S030202		4.95	15.85	0.12	0.7	0.079	3.54	6.2	9.6	1.79	1220	0.35	1.44	7.5	10.1	1660



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**CERTIFICATE OF ANALYSIS VA20200387** 

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Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
S030189 S030190		33.9 141.0	98.9 165.5	<0.002 0.009	2.84 2.66	2.16 19.35	30.6 11.2	1	0.6 1.5	359 184.5	0.43 0.30	0.07 0.29	1.58 3.38	0.280 0.238	2.07 2.99	0.7 1.8
S030190 S030191		28.7	99.0	<0.002	2.18	2.88	28.5	1	0.6	339	0.30	< 0.05	1.61	0.260	1.98	0.7
S030192 S030193		22.0 17.1	116.0 103.0	<0.002 <0.002	2.75 2.57	2.40 2.58	29.8 27.1	1 1	0.6 0.5	331 400	0.42 0.39	0.06 <0.05	1.72 1.53	0.280 0.273	2.19 2.13	0.8 0.7
\$030194 \$030195 \$030196 \$030197 \$030198		24.2 21.1 17.7 18.6 14.7	110.5 99.3 83.8 68.3 62.6	<0.002 <0.002 <0.002 <0.002 <0.002	2.83 2.37 2.10 2.23 2.14	2.58 3.56 3.00 3.55 3.87	30.3 29.3 28.6 26.8 25.4	1 1 <1 1	0.5 0.6 0.6 0.6 0.5	321 312 303 280 248	0.43 0.42 0.41 0.44 0.44	0.07 0.05 <0.05 0.06 0.05	1.68 1.68 1.64 1.31 1.06	0.286 0.278 0.273 0.277 0.288	2.32 2.07 1.75 2.04 2.16	0.8 0.7 0.7 0.6 0.6
\$030199 \$030200 \$030201 \$030202		15.4 0.9 16.3 24.2	68.9 0.9 80.9 89.4	<0.002 <0.002 <0.002 <0.002	2.10 0.01 2.05 2.56	3.84 0.12 4.36 8.11	24.2 0.3 24.6 23.3	1 1 1 1	0.5 <0.2 0.5 0.6	232 82.1 313 511	0.42 <0.05 0.42 0.41	0.07 <0.05 0.06 0.06	1.07 0.09 1.14 1.11	0.287 0.006 0.270 0.275	2.22 0.02 2.39 2.25	0.6 0.2 0.6 0.5



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	,								CERTIFICATE OF ANALYSIS VA20200387
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
S030189		244	1.4	7.7	59	21.8	22.7	0.4	43
S030190		103	4.5	8.8	452	41.1	27.8	0.3	77
S030191		231	1.1	6.4	53	24.1	22.5	0.4	40
S030192		238	8.0	8.0	49	25.3	23.3	0.4	46
S030193		221	1.1	7.0	49	21.1	23.0	0.4	41
S030194		239	1.0	8.2	51	24.4	23.2	0.5	47
S030195		235	1.2	8.2	44	23.9	22.7	0.5	42
S030196		242	0.9	7.6	52	25.7	22.9	0.4	50
S030197		243	0.8	7.6	64	23.1	23.0	0.4	42
S030198		259	0.7	7.1	64	23.3	22.7	0.4	46
S030199		248	1.0	6.5	73	22.8	22.5	0.4	45
S030200		2	<0.1	2.3	3	2.1	3.4	<0.1	<5
S030201		244	0.6	7.3	75	21.7	22.0	0.4	41
S030202		225	1.1	7.8	57	19.7	21.8	0.4	45



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CERTIFICATE	OF ANALYSIS	VA20200387
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		CERTIFICATE COM	IMENTS	
		ANALY	TICAL COMMENTS	
Applies to Method:	REEs may not be totally so ME-MS61	oluble in this method.		
		LABORA	ATORY ADDRESSES	
		ver located at 2103 Dollarton Hwy, No		
Applies to Method:	Au-AA23 LOG-21	BAG-01 LOG-21d	CRU-31 LOG-23	CRU-QC ME-MS61
	PUL-32m	PUL-32md	PUL-QC	pXRF-34
	SPL-21	SPL-21d	WEI-21	·



ALS Canada Ltd.

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: +1 604 984 0221 Fax: 4

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> 27-JAN-2021 Account: PREBOW

## VA20201543

Project: Bowser Regional Project

P.O. No.: BOW-1112

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 11-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA
LEANNE HAWKINS COREY JAMES JULIANNE MADSEN
KEN MCNAUGHTON STEPHAINE WAFFORN

SAMPLE PREPARATION								
ALS CODE	DESCRIPTION							
WEI-21	Received Sample Weight							
PUL-32md	Pulverize 500g-DUP -85%<75um							
LOG-21	Sample logging - ClientBarCode							
CRU-31	Fine crushing - 70% <2mm							
CRU-QC	Crushing QC Test							
PUL-QC	Pulverizing QC Test							
SPL-21	Split sample - riffle splitter							
PUL-32m	Pulverize 500g - 85%<75um							
BAG-01	Bulk Master for Storage							
LOG-23	Pulp Login - Rcvd with Barcode							
LOG-21d	Sample logging - ClientBarCode Dup							
SPL-21d	Split sample - duplicate							

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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**CERTIFICATE OF ANALYSIS VA20201543** 

Page: 2 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 24-SEP-2020 Account: PREBOW

											CAILO	I ANAI	- 1 313	VAZUZ	CTJTJ	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030251		7.50	0.116	1.00	7.26	5.2	550	0.88	0.11	3.68	2.70	12.75	13.3	19	2.84	120.5
\$030252		6.24	0.107	1.08	7.88	5.3	620	0.79	0.10	2.16	2.57	12.50	13.5	19	4.25	141.0
\$030253		2.26	0.087	1.02	7.69	3.7	860	0.77	0.10	2.03	2.07	14.10	16.0	18	4.03	113.5
\$030254		6.16	0.103	1.06	7.41	4.3	590	1.01	0.10	2.69	3.67	12.40	16.6	16	3.72	115.0
\$030255		3.58	0.112	0.95	6.74	4.9	360	0.89	0.10	2.92	7.16	8.21	12.2	22	4.18	98.1
\$030256		3.58	0.177	1.19	3.27	4.2	270	0.67	0.10	6.05	1.58	10.35	12.0	22	1.54	116.5
\$030257		3.38	0.206	1.37	4.49	7.6	240	0.72	0.09	4.72	5.40	7.00	12.2	32	2.08	74.8
\$030258		5.44	0.141	1.10	5.86	5.9	700	0.83	0.11	7.49	3.96	16.40	12.5	17	2.48	90.7
\$030259		4.66	0.141	0.93	7.65	5.2	340	0.98	0.11	4.05	3.22	9.06	13.4	13	5.92	62.2
\$030260		0.48	<0.005	0.03	0.14	0.3	30	0.07	0.01	34.7	0.12	1.13	0.8	2	0.07	2.9
\$030261		4.38	0.137	1.69	7.96	6.2	640	0.78	0.12	5.27	2.26	10.35	16.2	8	2.75	75.5
\$030262		5.88	0.160	1.14	7.52	5.2	540	0.96	0.10	4.12	2.40	11.55	18.1	17	3.31	120.5
\$030263		6.36	0.104	1.12	7.35	5.9	470	0.82	0.11	8.45	5.56	12.60	18.3	13	2.69	105.5
\$030264		6.76	0.172	1.34	7.73	4.8	800	0.78	0.08	3.72	7.06	10.30	19.2	19	3.16	149.5
\$030265		6.30	0.234	1.25	7.38	4.8	390	0.62	0.10	3.69	1.91	8.94	17.1	20	2.91	162.5
\$030266		5.46	0.183	1.33	8.10	7.3	630	0.50	0.13	2.55	12.00	8.80	18.2	23	3.75	154.5
\$030266CD		<0.02	0.190	1.41	8.44	8.2	520	0.47	0.13	2.32	11.85	9.39	20.6	23	3.95	158.0
\$030267		6.44	0.186	1.16	7.46	5.5	340	0.81	0.12	4.31	3.06	12.35	18.4	23	3.10	122.5
\$030268		7.00	0.183	1.34	7.72	6.6	560	0.85	0.08	4.42	9.40	12.70	17.6	20	2.69	172.0
\$030269		7.06	0.326	1.19	7.45	7.7	380	0.61	0.08	5.93	2.45	12.30	18.3	19	2.93	134.5
\$030270		0.16	0.983	12.25	6.18	337	370	1.09	0.16	3.83	4.57	22.7	10.5	28	6.33	89.3
\$030271		5.62	0.132	1.60	7.66	6.7	340	0.72	0.14	5.74	19.30	13.50	25.2	19	3.21	184.5
\$030272		6.64	0.135	1.32	7.86	8.6	540	0.86	0.10	4.63	21.0	12.95	22.3	22	2.70	170.0
\$030273		6.70	0.158	1.12	7.60	6.9	370	0.71	0.09	4.19	2.59	12.30	25.2	20	2.79	128.0
\$030274		7.22	0.174	1.45	7.30	12.5	240	0.78	0.09	5.89	3.94	12.35	29.7	18	2.15	167.5
\$030275		6.22	0.164	0.84	7.34	9.4	380	0.73	0.08	5.15	8.94	10.15	14.0	20	2.38	71.0
\$030276		7.08	0.124	0.64	7.63	8.3	1030	0.96	0.07	5.12	8.46	10.20	8.7	24	2.67	46.8
\$030277		5.56	0.096	0.61	7.74	9.9	1290	0.93	0.07	7.34	2.93	10.90	9.8	19	2.67	37.5
\$030278		5.60	0.135	1.47	7.61	21.1	480	1.09	0.12	10.05	5.61	13.05	22.5	14	1.21	116.5
\$030279		6.62	0.094	1.86	7.97	18.1	470	0.96	0.12	8.24	7.62	13.90	22.4	15	1.89	180.0
\$030280		0.98	<0.005	0.01	0.09	0.2	20	0.07	0.03	33.2	0.03	0.94	0.7	3	0.06	1.7
\$030281		6.40	0.151	1.10	7.94	9.4	620	0.89	0.12	4.83	3.17	10.35	18.6	13	2.55	106.5
\$030282		5.84	0.141	1.51	8.24	11.1	470	0.79	0.11	5.26	6.21	11.40	24.4	16	1.85	115.5
\$030283		6.20	0.121	0.85	7.22	12.2	510	0.73	0.09	9.60	6.98	13.60	16.8	15	1.46	78.6
\$030284		6.80	0.304	1.20	7.50	9.2	440	0.67	0.10	4.60	2.48	13.40	25.1	21	2.44	154.0
\$030285		6.32	0.162	1.09	7.31	9.6	360	0.67	0.10	5.02	13.00	12.20	20.6	16	2.13	118.5
\$030286		6.10	0.141	1.10	7.55	12.0	320	0.80	0.12	6.90	3.00	12.45	23.9	19	2.07	63.0
\$030286CD		<0.02	0.128	1.22	7.76	11.9	280	0.80	0.13	6.91	2.96	12.45	23.4	19	2.07	58.6
\$030287		7.46	0.076	0.94	7.69	10.8	930	0.85	0.11	6.22	7.28	10.00	15.6	23	1.97	60.4
\$030288		7.26	0.251	1.41	7.53	9.6	280	0.51	0.12	5.60	2.64	11.15	28.2	21	2.31	152.5



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**CERTIFICATE OF ANALYSIS VA20201543** 

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											CAILO	I ANA		VAZOZ	01373	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030251 \$030252 \$030253 \$030254 \$030255		5.55 4.42 4.30 5.07 4.69	16.80 13.50 14.00 15.95 13.15	0.16 0.16 0.19 0.16 0.18	0.7 0.6 0.8 0.7	0.039 0.029 0.043 0.052 0.089	4.81 4.74 5.28 5.04 4.83	5.0 5.1 5.8 4.8 3.5	14.9 14.2 17.0 17.9 13.4	0.80 0.71 0.97 0.85 0.46	2070 1760 2060 2120 1600	2.37 1.97 2.46 1.94 2.13	0.53 0.84 0.90 1.02 0.60	6.8 6.6 7.4 6.8	7.3 8.2 7.3 6.8 7.3	1570 1690 1630 1570 1550
\$030256		9.88	7.76	0.16	0.3	0.183	0.65	7.2	22.1	1.30	3540	2.55	0.38	2.3	5.9	740
\$030257		9.53	9.27	0.16	0.4	0.184	1.33	4.2	24.6	0.74	2750	5.19	1.04	2.9	10.7	1070
\$030258		8.79	13.45	0.14	0.8	0.313	3.19	9.1	23.9	0.94	4120	2.46	0.98	4.6	6.7	1230
\$030259		6.58	15.65	0.17	0.5	0.168	4.77	4.2	25.0	0.88	2870	2.07	0.93	5.7	9.8	2000
\$030260		0.24	0.37	0.09	<0.1	0.006	0.04	1.2	1.5	1.41	171	0.19	0.04	0.1	0.8	80
\$030261		5.77	15.65	0.14	0.5	0.134	5.04	5.0	22.8	0.97	2810	2.02	0.91	5.3	7.7	1990
\$030262		5.72	12.85	0.18	0.5	0.092	5.25	6.0	21.0	2.06	3480	2.25	0.67	5.1	10.3	1850
\$030263		5.38	12.95	0.16	0.9	0.084	4.80	5.8	24.0	1.81	2600	1.59	0.73	5.2	9.0	1830
\$030264		6.79	13.30	0.19	0.5	0.153	5.31	5.0	21.1	2.36	3850	1.24	1.01	5.2	11.2	2070
\$030265		6.51	13.75	0.18	0.5	0.070	5.01	4.0	17.4	1.63	2720	1.80	1.00	4.8	9.2	1730
\$030266		5.64	13.80	0.17	0.5	0.050	4.30	4.1	20.1	1.04	1960	2.30	0.97	5.3	12.0	2090
\$030266CD		5.80	14.60	0.18	0.5	0.047	4.26	4.4	20.7	1.04	1990	2.66	1.00	5.4	12.5	2100
\$030267		6.69	14.65	0.18	0.5	0.102	4.72	5.0	32.6	2.13	3010	1.22	0.97	5.5	13.1	2230
\$030268		6.10	13.85	0.19	0.6	0.088	4.83	5.4	37.2	2.46	3200	1.42	1.21	5.3	12.4	2040
\$030269		6.23	14.40	0.18	0.5	0.103	4.77	5.9	18.4	1.87	3100	2.07	1.01	5.1	10.7	1860
\$030270		4.15	13.05	0.18	1.1	0.050	4.01	11.3	13.2	0.56	1460	9.75	0.22	4.9	21.2	970
\$030271		6.07	12.90	0.18	0.5	0.152	5.09	6.7	18.9	2.02	3000	1.37	1.16	5.1	11.6	1950
\$030272		5.77	13.80	0.20	0.6	0.175	4.93	6.1	27.4	2.38	3230	1.60	1.07	5.2	11.7	2000
\$030273		6.19	12.65	0.19	0.5	0.139	4.87	5.6	25.9	2.73	3440	1.09	1.00	5.1	11.4	1990
\$030274		7.80	14.80	0.20	0.5	0.099	4.78	5.8	33.0	2.74	2970	0.95	0.78	5.0	14.3	1940
\$030275		5.89	13.45	0.19	0.5	0.125	4.08	5.1	29.8	2.32	3130	0.92	1.02	5.0	25.2	1930
\$030276		5.69	14.80	0.17	0.5	0.171	4.36	5.0	42.4	3.00	3790	0.95	1.14	4.9	9.2	2050
\$030277		5.48	13.40	0.15	0.6	0.172	4.26	5.4	43.8	3.17	3980	0.73	1.45	4.6	10.3	1940
\$030278		6.51	15.50	0.19	0.5	0.220	2.62	6.1	50.2	2.50	3760	0.85	1.01	4.6	10.5	1890
\$030279		6.94	15.95	0.19	0.6	0.185	3.83	6.1	37.8	3.06	4140	1.53	0.96	5.3	10.5	1980
\$030280		0.13	0.27	0.10	0.1	<0.005	0.03	1.1	1.8	2.69	152	0.20	0.03	0.1	0.6	80
\$030281		5.62	15.35	0.17	0.5	0.149	5.18	4.7	40.3	2.24	2980	1.15	1.48	5.4	10.8	2020
\$030282		6.47	15.20	0.17	0.5	0.228	4.67	5.3	37.1	2.45	3400	0.86	1.87	5.4	12.0	2090
\$030283		5.72	13.75	0.17	0.5	0.179	3.83	5.7	29.1	2.71	3170	0.71	1.47	4.3	11.5	1830
\$030284		7.12	13.15	0.17	0.5	0.209	4.35	5.3	36.4	3.37	3850	2.89	1.17	4.6	12.9	2050
\$030285		6.26	13.85	0.15	0.5	0.191	4.25	4.6	32.0	2.16	2800	0.69	1.35	5.4	11.1	2080
\$030286		7.15	14.45	0.17	0.5	0.113	4.36	5.2	31.0	2.66	2890	1.08	1.24	5.0	12.7	1930
\$030286CD		7.24	14.40	0.18	0.5	0.097	4.43	5.4	30.3	2.67	2910	0.97	1.23	4.8	12.6	1940
\$030287		5.91	15.35	0.17	0.6	0.106	4.96	4.5	27.3	2.47	3110	0.74	1.11	4.9	11.6	1980
\$030288		7.83	11.65	0.20	0.7	0.138	5.51	5.5	17.6	2.17	3120	1.05	1.14	4.6	14.8	1980



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20201543** 

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								<u> </u>			CAILO	I ANA	_ 1 3 1 3	<b>V</b> /\Z \\Z	.013-3	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S030251		90.5	105.0	0.006	3.39	3.54	20.5	9	1.0	529	0.38	0.07	1.17	0.291	2.56	0.8
S030252		89.7	104.5	0.008	2.86	1.95	23.6	10	0.9	330	0.38	0.05	1.36	0.303	2.98	0.8
S030253		88.8	126.5	0.011	2.61	1.61	23.4	10	1.1	311	0.37	0.05	1.44	0.300	2.78	0.8
\$030254		138.5	115.0	0.002	3.17	2.30	20.4	11	1.1	410	0.42	<0.05	1.27	0.281	2.63	0.9
\$030255		163.5	106.5	0.002	3.07	2.33	19.1	10	0.9	366	0.37	0.07	1.06	0.274	2.73	0.8
\$030256		58.0	23.8	0.009	6.38	2.36	12.8	16	1.3	204	0.12	0.12	0.61	0.134	0.25	0.4
\$030256 \$030257 \$030258 \$030259 \$030260		51.7 114.0 57.2 2.3	51.6 104.0 125.5 1.4	0.009 0.020 0.019 0.006 <0.002	6.58 4.63 4.15 0.10	2.30 2.32 2.20 1.40 0.13	15.7 21.2 26.0 0.5	18 11 13 1	1.3 1.9 3.6 2.7 <0.2	278 342 357 89.8	0.12 0.14 0.24 0.28 <0.05	0.12 0.10 0.08 0.07 <0.05	0.51 0.52 1.11 0.71 0.08	0.199 0.223 0.358 0.008	0.25 0.49 1.20 2.27 0.02	0.4 0.4 0.8 0.5 0.1
\$030261		62.4	123.0	0.004	3.45	1.98	23.4	10	1.9	562	0.29	0.07	0.79	0.346	2.24	0.4
\$030262		55.3	143.5	0.002	3.51	1.43	26.2	11	1.7	425	0.24	0.07	0.83	0.332	2.27	0.5
\$030263		66.5	139.0	<0.002	3.35	1.74	26.1	11	1.8	518	0.25	0.07	0.81	0.349	1.85	0.5
\$030264		49.9	151.5	0.003	4.13	1.00	27.3	13	2.1	374	0.26	0.06	0.83	0.356	2.05	0.6
\$030265		58.3	124.0	0.007	4.07	1.08	24.5	15	1.8	412	0.25	0.07	0.70	0.326	2.10	0.5
\$030266 \$030266CD \$030267 \$030268 \$030269		340 352 91.0 107.5 61.6	104.5 101.5 104.5 106.5 115.5	0.006 0.006 0.002 0.004 0.004	3.64 3.64 3.77 3.52 3.78	1.34 1.46 1.72 1.55 1.59	26.5 28.3 27.6 25.6 26.2	10 10 11 11 12 12	1.0 1.0 1.5 1.5	395 397 487 446 472	0.26 0.26 0.26 0.28 0.24	0.06 0.07 0.07 0.05 0.06	0.65 0.72 0.67 0.70 0.72	0.366 0.374 0.383 0.365 0.334	2.67 2.78 2.07 1.88 2.10	0.5 0.5 0.5 0.5 0.5
\$030270 \$030271 \$030272 \$030273 \$030274		158.5 84.9 103.5 83.1 83.3	160.5 140.0 124.5 116.0 115.0	0.012 0.002 0.002 0.003 0.004	2.92 3.97 3.60 3.85 5.12	17.80 1.48 1.91 1.50 3.13	10.8 27.6 28.9 26.7 27.9	3 13 12 13 21	1.4 1.2 1.3 1.5	197.0 431 437 379 495	0.28 0.25 0.26 0.26 0.24	0.32 0.06 0.05 0.06 0.09	2.66 0.81 0.74 0.69 0.66	0.264 0.358 0.376 0.370 0.380	3.01 2.08 2.07 2.10 1.64	1.5 0.4 0.4 0.4 0.4
\$030275		90.8	95.5	0.005	3.68	1.95	27.8	14	2.0	370	0.25	0.07	0.66	0.379	1.96	0.4
\$030276		68.9	98.2	0.004	3.07	1.55	29.0	13	2.5	255	0.26	0.05	0.70	0.409	1.72	0.4
\$030277		51.1	137.5	0.003	2.63	2.35	30.1	9	2.3	350	0.24	<0.05	0.87	0.376	1.42	0.5
\$030278		82.4	75.0	0.011	3.83	4.39	30.5	14	1.7	571	0.21	0.07	0.69	0.377	0.90	0.5
\$030279		160.5	105.5	0.003	3.88	4.01	31.9	18	1.7	780	0.24	0.06	0.73	0.390	1.28	0.4
\$030280		1.0	0.7	<0.002	0.01	0.09	0.2	1	<0.2	80.8	<0.05	<0.05	0.06	0.007	0.02	0.1
\$030281		197.5	119.0	0.003	3.41	1.96	30.6	14	2.0	415	0.23	0.06	0.59	0.391	1.81	0.4
\$030282		199.5	133.5	<0.002	3.97	1.88	31.7	17	1.5	467	0.25	0.07	0.80	0.392	1.54	0.4
\$030283		194.0	115.5	<0.002	3.32	2.32	31.2	15	1.6	504	0.21	0.06	0.73	0.371	1.21	0.4
\$030284		147.0	118.5	<0.002	4.27	2.00	34.5	17	1.9	431	0.21	0.06	0.65	0.413	1.65	0.4
\$030285		133.0	86.7	<0.002	3.98	2.24	28.8	14	1.5	468	0.25	0.06	0.59	0.407	1.83	0.4
\$030286		140.5	118.5	<0.002	4.55	3.90	32.6	16	1.3	538	0.23	0.10	0.70	0.389	1.61	0.4
\$030286CD		138.0	123.5	<0.002	4.60	3.74	33.4	14	1.3	542	0.23	0.10	0.75	0.398	1.54	0.4
\$030287		290	107.0	<0.002	3.01	3.99	29.2	12	1.6	630	0.25	0.08	0.63	0.400	1.74	0.4
\$030288		182.0	153.5	0.005	5.70	2.66	33.7	20	1.8	486	0.23	0.08	0.80	0.405	2.07	0.5



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(ALS	,								CERTIFICATE OF ANALYSIS VA20201543
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$030251 \$030252 \$030253 \$030254 \$030255		226 212 204 221 195	1.4 1.7 1.6 1.3	8.6 11.5 11.4 13.7 7.5	265 263 232 351 556	17.4 16.5 16.3 18.9 17.8	24.4 25.7 25.3 25.2 26.1	0.4 0.4 0.4 0.4 0.5	56 52 48 51 47
\$030256		113	0.5	9.2	236	8.0	24.9	0.1	23
\$030257		116	0.9	8.4	554	9.1	24.6	0.2	27
\$030258		184	1.3	17.5	378	19.1	20.7	0.3	41
\$030259		234	1.1	14.7	325	13.3	20.5	0.4	54
\$030260		3	<0.1	2.2	13	2.3	2.7	0.1	17
\$030261		203	1.1	14.4	236	12.2	21.0	0.5	60
\$030262		221	0.8	14.8	266	13.2	22.2	0.4	51
\$030263		206	0.7	15.7	460	13.8	18.9	0.4	45
\$030264		240	1.0	16.6	667	13.9	21.8	0.4	48
\$030265		212	0.8	13.1	274	11.9	21.9	0.4	44
\$030266		241	1.6	13.2	856	12.6	22.9	0.5	47
\$030266CD		249	1.7	13.8	853	13.3	22.8	0.5	49
\$030267		257	1.1	15.8	350	12.9	21.4	0.5	47
\$030268		244	1.3	14.5	824	14.8	21.3	0.5	53
\$030269		219	1.0	14.3	330	13.6	20.7	0.4	50
\$030270 \$030271 \$030272 \$030272 \$030273 \$030274		109 229 250 255 262	4.7 1.0 0.9 0.9 0.9	7.8 15.6 16.1 14.5 15.8	507 1490 1700 344 381	41.0 14.3 14.3 13.5 12.9	25.0 21.3 22.0 22.0 19.9	0.4 0.4 0.5 0.4 0.4	79 49 50 45 44
\$030275		252	0.8	14.9	790	14.2	21.1	0.5	52
\$030276		270	0.9	14.8	829	12.0	20.8	0.5	46
\$030277		244	0.9	15.6	396	15.9	20.8	0.4	48
\$030278		254	2.5	15.8	578	12.8	17.9	0.4	47
\$030279		273	2.1	19.2	764	13.3	18.6	0.4	56
\$030280		2	<0.1	2.1	5	2.0	4.0	<0.1	7
\$030281		271	1.3	16.3	399	11.8	21.2	0.4	46
\$030282		272	1.1	17.0	693	13.6	20.7	0.4	50
\$030283		254	1.2	16.8	730	13.3	17.4	0.4	46
\$030284		275	1.6	16.8	394	12.0	21.6	0.4	46
\$030285 \$030286 \$030286CD \$030287 \$030288		268 255 260 263 265	1.1 0.8 0.8 0.9 1.3	15.0 16.8 16.6 14.5 16.8	1240 344 344 710 322	13.5 12.8 12.8 14.5 15.3	20.4 20.0 20.0 20.6 20.2	0.5 0.4 0.5 0.5	50 46 55 61 44



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	01543	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030289		5.90	0.193	1.34	7.10	9.1	210	0.69	0.13	5.18	5.79	13.45	26.1	25	3.17	124.5
\$030290		0.18	5.62	82.9	6.30	302	410	0.99	1.11	2.06	23.0	26.5	10.9	23	7.23	124.5
\$030291		6.30	0.114	1.36	7.71	9.8	210	0.81	0.10	6.17	7.22	13.75	28.1	28	2.66	110.5
\$030292		6.38	0.177	1.80	7.19	11.3	150	0.83	0.12	4.84	8.61	9.83	29.8	29	3.00	99.9
\$030293		7.48	0.240	1.71	7.32	11.1	160	0.72	0.12	5.15	5.03	9.59	38.3	29	2.97	129.0
\$030294		6.68	0.274	1.31	7.68	11.8	170	0.80	0.14	6.03	3.04	10.10	30.5	28	3.52	94.9
\$030295		6.22	0.096	1.13	7.11	24.1	170	0.84	0.12	5.59	2.23	10.75	24.2	27	5.09	84.4
\$030296		3.50	0.204	1.18	6.20	46.6	130	0.64	0.08	4.85	6.49	7.75	28.0	51	6.15	101.0
\$030297		5.46	0.417	1.43	6.10	58.3	180	0.74	0.13	7.76	22.0	11.80	30.3	113	4.91	98.5
\$030298		5.88	0.277	1.39	5.92	43.9	380	0.48	0.10	4.93	7.99	14.70	17.3	177	4.35	121.5
\$030299		4.62	0.204	1.32	6.01	105.5	140	0.79	0.13	4.74	14.20	18.65	15.7	60	5.75	73.1
\$030300		1.00	0.005	0.03	0.17	1.0	50	0.06	0.01	35.1	0.39	1.07	1.0	3	0.12	2.7
\$030301		5.30	0.204	0.60	7.27	254	440	1.15	0.10	4.66	9.90	24.5	8.9	5	10.25	38.3
\$030302		4.76	0.094	0.47	7.74	23.2	500	1.12	0.11	3.87	3.51	25.6	8.4	3	5.25	28.6
\$030303		7.54	0.279	1.07	6.83	21.6	130	0.80	0.15	9.10	4.39	18.05	18.6	15	2.02	119.0
S030304		7.04	0.186	1.27	7.59	20.0	200	0.91	0.20	6.30	16.05	13.45	28.4	24	2.27	94.6
S030305		6.96	0.206	1.01	7.61	23.5	570	0.88	0.15	9.29	7.09	13.50	24.9	21	1.41	66.6
S030306		7.30	0.537	1.72	7.03	31.9	110	0.69	0.17	5.41	4.60	9.01	32.6	21	4.11	138.5
S030306CD		<0.02	0.487	1.91	6.62	31.7	100	0.72	0.17	5.10	4.87	8.03	33.3	21	4.00	138.0
S030307		6.70	0.176	1.01	7.46	14.8	420	0.85	0.11	7.79	7.57	10.65	23.2	22	2.93	49.7
\$030308		6.58	0.133	1.43	7.42	17.7	450	0.84	0.14	8.30	6.82	11.00	27.9	24	1.31	121.5
\$030309		6.62	0.133	1.14	7.07	15.7	470	0.53	0.15	8.31	3.00	12.40	26.1	25	1.08	100.5
\$030310		0.16	1.075	29.1	5.96	391	130	1.19	0.89	0.69	1.76	29.1	13.1	20	7.84	112.5
\$030311		6.26	0.216	1.50	7.47	14.4	240	0.57	0.20	6.40	13.95	9.67	24.7	23	1.95	171.0
\$030312		6.42	0.099	0.79	7.74	12.4	1950	0.66	0.25	6.51	2.71	12.10	15.5	29	1.87	58.9
\$030313		3.04	0.092	2.15	6.74	22.6	780	0.60	0.21	7.24	4.11	11.10	52.2	28	1.20	224
\$030314		6.70	0.082	1.90	7.88	17.3	360	0.67	0.19	9.26	8.62	10.70	35.9	41	1.27	68.4
\$030315		4.72	0.275	1.67	7.31	17.4	120	0.66	0.22	5.04	3.05	10.05	27.2	35	5.34	159.5
\$030316		1.86	0.844	3.13	6.29	28.2	80	0.39	0.36	5.66	0.91	8.06	70.0	32	3.04	248
\$030317		4.00	0.256	2.03	6.15	568	120	0.49	0.23	7.15	7.96	9.29	25.9	33	3.88	216
\$030318		6.42	0.204	1.19	6.63	12.3	160	0.66	0.19	7.66	2.80	10.10	21.5	28	1.81	71.9
\$030319		7.40	0.084	0.83	7.05	11.7	220	0.67	0.19	7.68	5.97	9.39	17.7	33	1.68	90.7
\$030320		1.06	<0.005	0.02	0.13	6.1	40	0.06	0.07	34.0	0.09	0.96	0.9	1	0.06	3.5
\$030321		7.02	0.035	0.68	7.42	10.1	450	0.71	0.07	9.63	3.60	10.75	28.0	33	1.65	65.5
\$030322		6.32	0.046	0.96	7.15	10.3	240	0.63	0.17	10.25	0.64	10.25	24.8	30	1.98	154.0
\$030323		5.88	0.373	1.16	6.54	14.9	200	0.52	0.34	10.10	3.79	9.97	22.2	30	4.83	84.6
\$030324		5.80	0.343	1.14	7.35	10.2	240	0.62	0.33	8.60	2.40	10.45	18.1	29	4.14	162.0
\$030325		6.72	0.047	1.39	7.05	11.5	140	0.61	0.26	7.97	2.38	9.11	21.6	33	2.83	169.5
\$030326		6.82	0.044	1.27	7.42	12.8	410	0.67	0.19	9.38	5.43	9.54	25.1	31	1.20	171.5
\$030326CD		<0.02	0.034	1.41	7.51	13.6	450	0.66	0.22	9.48	5.90	9.77	26.5	31	1.28	179.5



To: PRETIVM
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(ALS	,								С	ERTIFIC	CATE O	F ANAI	YSIS	VA202	01543	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030289		7.23	11.95	0.21	0.6	0.155	4.84	5.6	21.6	2.30	3350	1.11	1.01	4.3	18.7	2180
\$030290		4.89	12.75	0.16	1.2	1.395	3.72	13.8	13.2	0.49	1210	9.64	0.23	5.3	17.3	990
\$030291		8.06	16.30	0.21	0.7	0.146	4.97	6.1	32.6	2.83	3700	0.98	0.86	4.5	19.9	2480
\$030292		7.78	15.50	0.19	0.6	0.194	5.06	4.2	34.4	2.69	3860	1.34	1.09	4.2	20.8	2540
\$030293		7.62	14.15	0.23	0.5	0.136	5.86	4.3	17.9	1.44	2750	1.15	0.79	3.6	20.0	2230
\$030294		7.45	15.35	0.20	0.5	0.107	5.07	4.4	29.2	1.82	2700	0.94	1.33	3.6	17.6	2090
\$030295		6.71	14.80	0.21	0.4	0.086	4.99	5.2	32.8	1.62	2750	1.30	1.20	3.6	14.2	2060
\$030296		6.91	12.10	0.17	0.4	0.133	5.07	3.7	34.0	1.34	2080	1.27	0.49	3.0	19.8	1740
\$030297		7.74	12.15	0.15	0.5	0.352	4.54	5.8	37.7	1.61	2750	0.98	0.41	3.0	29.0	1560
\$030298		6.43	11.00	0.19	0.6	0.290	4.75	6.9	33.0	1.69	2260	1.22	0.32	2.7	27.0	2950
\$030299		5.80	12.90	0.17	0.8	0.163	4.48	7.8	22.6	0.90	1940	2.86	1.08	4.1	19.3	1790
\$030300		0.22	0.43	0.10	<0.1	0.014	0.09	1.2	1.8	2.35	212	0.13	0.03	0.2	0.8	120
\$030301		4.56	18.00	0.18	1.3	0.101	4.76	9.6	24.4	0.90	2240	2.35	1.22	6.6	1.6	1370
\$030302		4.18	17.35	0.15	1.3	0.055	5.07	9.9	17.0	0.83	1980	1.55	2.02	6.5	1.3	1390
\$030303		7.99	15.65	0.17	0.6	0.246	4.66	8.0	17.3	1.69	2900	1.21	1.00	3.6	11.8	1530
S030304		8.68	16.00	0.15	0.6	0.239	4.02	5.5	28.3	2.68	3900	0.95	1.28	3.2	15.8	1900
S030305		7.14	18.90	0.15	0.7	0.144	3.70	5.8	22.5	1.98	3210	0.76	0.79	3.2	15.5	1860
S030306		8.56	15.15	0.14	0.6	0.215	5.28	4.0	28.5	1.79	3310	1.01	1.28	3.2	18.0	1930
S030306CD		8.43	15.15	0.16	0.6	0.219	5.09	3.5	29.2	1.74	3260	0.95	1.29	3.2	17.9	1900
S030307		7.46	14.30	0.17	0.7	0.299	5.05	5.0	21.6	1.49	4060	0.84	1.10	3.1	16.9	1850
\$030308		6.57	13.90	0.16	0.7	0.207	4.48	5.3	27.6	2.56	3210	0.77	0.85	3.0	16.2	1800
\$030309		6.60	13.75	0.16	0.6	0.140	3.87	5.5	33.3	3.03	2740	0.60	0.88	3.0	16.0	1790
\$030310		4.61	13.30	0.15	0.8	0.037	2.79	13.9	10.2	0.37	236	4.89	0.20	5.4	14.6	1340
\$030311		7.33	14.35	0.16	0.5	0.100	5.03	4.9	44.7	3.21	2450	0.49	0.48	3.1	19.2	1840
\$030312		5.20	15.65	0.14	0.6	0.070	5.53	5.7	47.5	3.42	2360	0.46	0.66	3.5	19.1	1990
\$030313		11.45	12.75	0.19	0.6	0.122	3.40	5.7	29.9	3.25	2440	1.40	1.04	3.0	23.5	1680
\$030314		9.26	19.25	0.16	0.7	0.095	2.72	5.3	36.2	3.47	2720	0.74	0.82	3.5	19.5	1850
\$030315		7.49	14.35	0.18	0.7	0.143	5.68	4.5	34.0	2.41	1930	0.62	0.97	3.4	18.8	2010
\$030316		14.25	12.90	0.22	0.6	0.099	5.23	3.7	26.2	1.24	1710	0.78	0.75	2.6	28.4	1520
\$030317		8.75	11.75	0.16	0.6	0.148	4.74	4.6	28.3	1.47	1940	1.32	0.86	2.6	21.2	1580
\$030318		7.24	12.40	0.14	0.7	0.123	4.26	4.9	28.4	2.60	2210	0.61	1.05	2.8	17.9	1670
\$030319		6.76	12.70	0.15	0.8	0.155	4.70	4.7	26.4	2.51	2320	0.64	1.16	2.9	17.1	1730
\$030320		0.19	0.33	0.08	<0.1	0.006	0.05	1.1	1.5	2.51	177	0.07	0.03	0.2	0.6	100
\$030321		6.06	13.65	0.14	0.6	0.123	3.73	5.0	34.8	2.94	2440	0.57	1.44	3.0	21.1	1740
\$030322		6.97	14.95	0.13	0.7	0.133	4.17	4.8	28.3	2.42	2530	0.59	0.68	2.9	19.9	1710
\$030323		5.66	11.40	0.15	0.6	0.140	4.65	4.7	30.0	1.74	1840	0.53	1.20	2.8	16.6	1650
\$030324		5.82	14.30	0.16	0.6	0.163	5.13	4.7	28.7	1.89	2040	0.54	1.19	3.0	18.3	1800
\$030325		6.91	13.20	0.18	0.7	0.184	4.61	4.0	26.3	2.27	2320	0.58	1.28	2.9	19.9	1740
\$030326		6.97	13.45	0.13	0.6	0.193	3.76	4.4	32.0	2.75	2650	0.68	0.61	2.7	21.9	1700
\$030326CD		7.08	13.80	0.13	0.7	0.192	3.79	4.4	32.8	2.80	2690	0.69	0.64	2.8	22.5	1730



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20201543** 

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											CAILO	I ANAL	_ 1	<b>V</b> /\Z-02	UIJTJ	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S030289		282	120.0	0.004	4.72	3.42	31.7	27	1.6	455	0.23	0.06	0.76	0.400	2.04	0.6
S030290		8900	154.0	0.004	3.05	77.0	11.9	2	4.0	145.0	0.32	0.25	3.31	0.255	2.93	1.9
S030291		293	134.5	0.002	4.69	4.40	35.4	39	1.6	582	0.25	0.08	0.93	0.418	1.93	0.7
S030292		508	97.7	0.004	4.69	3.94	33.5	36	1.8	572	0.23	0.08	0.60	0.438	1.96	0.6
S030293		308	121.0	0.002	5.47	5.29	40.1	34	1.6	539	0.21	0.07	0.56	0.426	2.28	0.4
\$030294		169.0	122.0	<0.002	4.82	5.57	39.6	32	1.4	631	0.20	0.08	0.60	0.424	1.90	0.3
\$030295		244	126.0	0.004	4.16	3.82	36.0	31	1.1	478	0.20	0.08	0.59	0.408	2.03	0.4
\$030296		219	115.5	0.008	5.23	3.05	39.1	20	1.8	180.0	0.16	0.06	0.43	0.418	2.65	0.4
\$030297		183.0	161.0	0.003	5.90	4.65	47.2	19	2.4	264	0.17	0.13	0.72	0.329	2.00	0.5
\$030298 \$030299 \$030300		256 325 4.3 37.7	161.5 155.5 3.0 143.5	0.003 0.004 <0.002 0.008	4.51 4.59 0.10	3.80 4.26 0.16 5.34	54.6 28.5 1.0 11.9	9 14 1 11	1.7 1.6 <0.2 1.5	253 255 89.4 272	0.14 0.22 <0.05 0.36	0.06 0.09 <0.05 0.05	0.71 1.16 0.08 1.85	0.340 0.335 0.010 0.375	2.07 2.03 0.05 2.66	0.9 0.1
\$030301 \$030302 \$030303		37.7 33.9 33.7 62.1	131.0 132.5 96.8	0.003 0.005	3.26 2.74 5.62	2.32 5.18 7.34	11.7 29.3	6 16	1.4 1.9	407 565 737	0.36 0.21	0.06 0.06	2.01 0.95	0.375 0.381 0.361 0.455	2.56 2.56 1.74 1.43	1.2 1.2 0.6
\$030304 \$030305 \$030306 \$030306CD \$030307		58.5 40.3 40.2 134.5	89.5 122.0 104.5 148.0	0.002 0.002 0.005 0.006 0.006	5.21 4.19 6.05 5.96 3.65	6.90 2.49 2.52 4.17	41.4 39.1 35.9 35.0 41.0	15 17 17 17	2.3 1.8 3.4 3.5 3.6	743 350 338 431	0.18 0.18 0.19 0.18 0.16	0.11 0.09 0.10 0.09 0.12	0.54 0.58 0.41 0.36 0.53	0.455 0.450 0.457 0.459 0.444	1.43 1.26 2.15 2.08 1.81	0.4 0.4 0.3 0.4
\$030308 \$030309 \$030310 \$030311 \$030312		162.0 66.2 54.6 33.5 57.2	125.5 88.8 125.0 119.5 113.5	0.007 <0.002 <0.002 <0.002 <0.002	3.68 3.55 4.21 4.12 2.12	6.54 5.78 34.4 3.77 3.63	40.4 39.1 14.4 37.5 39.3	11 9 6 7 5	1.9 1.5 1.8 1.3	563 551 140.5 480 457	0.17 0.17 0.29 0.18 0.19	0.13 0.10 0.28 0.10 <0.05	0.60 0.48 2.43 0.48	0.428 0.426 0.302 0.437 0.476	1.55 1.32 2.14 1.82 2.14	0.3 0.3 0.9 0.3
\$030313		97.8	100.0	<0.002	8.98	4.76	43.9	18	1.5	519	0.16	0.12	0.57	0.386	1.21	0.3
\$030314		264	75.0	<0.002	5.44	7.86	43.6	13	1.3	788	0.19	0.13	0.69	0.395	1.03	0.5
\$030315		101.0	129.5	<0.002	5.41	2.32	42.4	15	2.6	387	0.18	0.10	0.50	0.433	2.30	0.5
\$030316		27.1	125.0	0.003	>10.0	1.41	35.7	30	2.3	224	0.14	0.16	0.47	0.348	2.14	0.6
\$030317		136.0	142.5	0.005	6.98	16.05	34.2	18	1.9	302	0.14	0.09	0.53	0.344	1.89	0.6
\$030318		90.0	120.5	0.005	5.25	4.50	36.0	12	1.4	448	0.16	0.10	0.60	0.364	1.64	0.8
\$030319		49.0	135.0	0.002	4.85	3.51	37.8	10	1.6	426	0.16	0.07	0.63	0.375	1.79	0.5
\$030320		2.0	1.6	<0.002	0.07	0.21	0.5	1	<0.2	82.5	<0.05	<0.05	0.07	0.009	0.04	0.1
\$030321		45.9	114.0	<0.002	3.73	4.05	38.9	7	1.1	537	0.17	<0.05	0.68	0.390	1.51	0.5
\$030322		45.3	112.0	<0.002	4.59	4.94	34.9	9	1.7	613	0.16	0.11	0.61	0.368	1.67	0.4
\$030323 \$030324 \$030325 \$030326 \$030326CD		96.6 59.8 70.2 26.6 29.7	137.5 151.0 136.5 108.5 113.5	<0.002 <0.002 <0.002 <0.002 <0.002	4.50 4.58 5.82 4.43 4.56	1.54 2.61 2.97 3.75 3.83	34.5 38.2 36.1 35.4 36.4	11 12 14 10 11	2.4 2.4 2.1 2.0 2.1	380 470 509 524 530	0.16 0.16 0.17 0.16 0.16	0.12 0.10 0.10 0.08 0.08	0.58 0.61 0.59 0.64 0.69	0.355 0.410 0.382 0.375 0.377	1.81 2.13 1.87 1.48 1.58	0.4 0.4 0.5 0.5



S030323

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S030326CD

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**CERTIFICATE OF ANALYSIS VA20201543** 

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Project: Bowser Regional Project

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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5		
5020200		044	0.4	15.7	604	16.8	20.6	0.5	<b>54</b>		
S030289 S030290		241 123	2.1 4.0	8.6	1860	44.7	26.7	0.5	51 89		
S030290 S030291		261	2.3	17.7	758	16.7	20.7	0.5	56		
S030291 S030292		288	2.5	17.7	912	15.1	19.8	0.5	59		
S030292 S030293		297	2.6	14.4	497	12.2	20.9	0.6	57		
S030294		300	1.4	15.0	326	12.8	20.0	0.5	54		
S030295		279	2.3	14.4	266	11.3	19.9	0.5	56		
S030296		285 241	7.5	9.3	660 1930	9.4	20.7 18.7	0.6 0.4	46		
S030297 S030298		287	3.4 3.4	12.8 11.6		12.4 18.0	22.2		37 32		
					786			0.4			
S030299		179	2.5	15.0	1300	27.9	22.2	0.4	69		
S030300		6	0.1	2.3	39	1.5	2.9	<0.1	<5		
S030301		118	2.4	19.2	920	50.8	22.4	0.5	120		
S030302		115	2.3	21.0	369	48.0	23.5	0.6	128		
S030303		214	1.4	17.3	440	20.9	16.4	0.5	60		
S030304		302	1.4	17.0	1450	16.9	19.4	0.5	54		
S030305		290	1.4	17.4	662	19.3	18.6	0.5	56		
S030306		305	1.8	16.2	453	15.5	18.6	0.5	53		
S030306CD		304	1.8	15.2	456	15.1	18.7	0.5	59		
S030307		279	1.0	17.9	602	19.2	20.0	0.5	52		
S030308		290	0.7	17.2	510	16.3	20.9	0.5	56		
S030309		288	8.0	16.6	292	13.5	19.4	0.5	55		
S030310		143	2.5	7.9	198	34.2	29.6	0.4	77		
S030311		295	8.0	16.8	959	12.2	19.7	0.5	51		
S030312		326	8.0	16.2	284	14.2	20.0	0.5	52		
S030313		274	0.7	17.8	329	15.7	18.0	0.4	42		
S030314		284	0.9	18.0	587	22.2	18.5	0.4	53		
S030315		286	1.0	17.9	265	18.8	20.3	0.5	56		
S030316		239	2.5	14.9	150	17.0	16.0	0.4	40		
S030317		257	2.1	12.5	554	17.7	18.4	0.4	43		
S030318		244	0.5	15.5	226	21.8	19.8	0.5	50		
5030319		257	0.6	15.4	471	17.3	19.5	0.5	48		
S030320		4	<0.1	2.1	9	1.5	3.2	0.1	<5		
S030321		272	0.4	16.3	303	19.1	20.9	0.5	47		
S030322		251	0.5	15.0	106	17.4	18.3	0.5	50		

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To: PRETIVM
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1055 DUNSMUIR STREET
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CERTIFICATE OF ANALYSIS VA20201543

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Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61							
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030327		7.30	0.010	1.02	7.48	11.8	570	0.59	0.10	8.57	1.50	10.10	28.7	32	1.15	95.3
\$030328		6.34	0.013	1.15	7.46	15.8	240	0.65	0.19	7.76	1.28	11.45	29.2	36	1.38	68.9
\$030329		5.74	0.018	1.49	7.48	29.6	290	0.61	0.18	6.31	6.37	11.70	36.9	39	1.07	145.0
\$030330		0.18	0.948	12.55	6.16	327	390	1.06	0.16	3.81	4.50	22.9	10.0	29	6.56	88.0
\$030331		7.06	0.034	1.56	8.54	63.6	1480	0.70	0.11	8.72	2.32	14.55	30.0	43	0.93	180.0
\$030332		6.86	0.042	1.61	7.73	100.5	340	0.53	0.17	7.68	1.48	12.65	30.1	37	0.80	113.5
\$030333		5.74	0.013	1.44	7.86	66.5	1370	0.58	0.11	5.30	3.29	11.35	26.5	36	1.33	155.0
\$030334		5.72	0.010	1.24	7.52	34.6	340	0.47	0.31	5.33	2.55	12.00	41.3	37	1.92	97.0
\$030335		6.58	0.006	1.17	8.20	30.5	2050	0.65	0.14	4.72	2.28	14.15	22.2	34	1.79	126.5
\$030336		5.74	0.011	1.11	7.82	53.2	550	0.56	0.11	6.08	1.67	13.70	25.4	32	2.09	142.0
\$030337		7.66	0.012	0.85	7.64	46.2	510	0.50	0.18	5.82	1.28	12.25	38.5	33	2.02	103.5
\$030338		6.26	0.009	0.99	7.94	60.3	620	0.64	0.13	5.65	0.91	14.50	28.0	32	1.57	135.0
\$030339		6.88	0.008	0.90	7.98	77.0	1600	0.63	0.09	6.33	0.58	14.60	25.6	35	1.93	148.0
\$030340		0.72	<0.005	0.03	0.19	1.1	50	0.06	0.01	34.0	0.03	1.08	1.1	2	0.07	3.1
\$030341		6.22	0.006	0.66	7.45	56.7	570	0.54	0.21	7.05	0.56	13.70	25.6	33	1.75	107.0
\$030342		6.14	<0.005	0.72	8.05	54.7	1690	0.59	0.07	4.96	0.71	14.85	25.1	43	2.12	132.0
\$030343		6.78	<0.005	0.64	7.13	52.6	1820	0.50	0.08	8.62	0.62	11.70	22.0	33	2.32	94.6
\$030344		6.38	0.007	0.75	7.98	31.2	1520	0.59	0.12	5.83	0.89	13.90	28.6	47	2.02	115.5
\$030345		6.50	<0.005	0.86	7.68	36.6	1530	0.56	0.14	5.15	1.08	12.75	37.3	39	2.60	109.5
\$030346		5.76	<0.005	0.81	7.97	32.8	1970	0.63	0.06	5.43	2.10	9.55	28.3	41	2.60	114.0
\$030346CD		<0.02	0.005	0.73	7.77	31.0	2110	0.56	0.07	5.20	2.32	8.96	27.0	39	2.46	113.5
\$030347		5.78	<0.005	0.76	7.67	24.8	850	0.49	0.14	5.28	0.36	10.55	27.5	29	3.89	91.7
\$030348		6.04	0.005	0.99	7.72	32.5	810	0.59	0.10	6.91	2.03	11.35	27.5	36	2.85	118.5
\$030349		5.86	<0.005	1.05	7.60	50.7	600	0.52	0.08	7.19	0.61	12.80	30.9	48	2.56	131.5
\$030350		0.16	6.01	81.8	6.37	312	330	1.01	1.12	2.08	23.2	26.2	10.5	24	7.62	123.5



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(ALS)									С	ERTIFIC	CATE O	F ANAI	YSIS	VA202	01543	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030327		6.24	11.75	0.13	0.6	0.085	4.29	4.4	26.4	2.85	2040	0.75	1.02	2.8	19.6	1770
\$030328		6.27	12.30	0.14	0.7	0.068	4.21	4.6	27.2	2.61	1730	1.04	1.14	3.0	20.6	1850
\$030329		6.94	12.75	0.15	0.6	0.083	4.30	4.7	31.0	2.55	1710	0.87	1.33	3.1	22.3	1890
\$030330		4.06	12.90	0.14	1.1	0.052	3.96	11.4	13.7	0.55	1440	9.67	0.22	4.6	20.8	950
\$030331		7.09	17.30	0.15	0.8	0.060	3.07	6.1	47.0	3.63	2200	0.65	0.65	3.5	23.5	2130
\$030332		7.22	13.90	0.15	0.6	0.045	3.15	5.3	30.2	2.43	1520	0.75	1.48	3.1	21.1	1770
\$030333		7.14	14.80	0.15	0.5	0.058	2.98	5.2	57.4	3.50	2060	0.53	1.77	3.3	20.9	2010
\$030334		7.43	11.95	0.17	0.5	0.050	3.99	5.3	37.7	2.45	1480	0.62	1.84	3.2	19.8	1840
\$030335		6.58	13.90	0.16	0.5	0.057	3.79	6.3	47.9	3.23	1790	0.56	2.10	3.4	19.2	2020
\$030336		6.90	12.95	0.15	0.5	0.061	3.83	6.2	45.3	2.81	1720	0.51	1.88	3.1	20.9	1890
\$030337		6.80	12.70	0.16	0.5	0.053	4.72	5.3	37.2	2.47	1560	0.57	1.76	3.2	18.3	1890
\$030338		7.11	13.75	0.16	0.5	0.065	3.62	6.4	44.2	2.85	1730	0.46	2.33	3.5	22.2	1980
\$030339		7.21	14.30	0.15	0.5	0.061	3.60	6.2	52.3	3.19	2020	0.51	2.03	3.4	21.5	1940
\$030340		0.21	0.42	0.09	<0.1	<0.005	0.08	1.2	2.1	1.93	157	0.08	0.05	0.1	0.9	110
\$030341		6.93	13.25	0.12	0.4	0.055	3.01	6.1	48.4	3.09	1960	0.44	1.91	3.1	19.2	1800
\$030342		6.82	14.35	0.14	0.5	0.058	3.27	6.4	54.3	3.75	2150	0.50	2.21	3.5	22.6	1980
\$030343		6.06	12.45	0.14	0.5	0.052	3.19	5.1	46.5	3.32	1980	0.32	1.76	2.9	18.0	1700
\$030344		7.14	14.50	0.15	0.5	0.082	3.13	5.9	51.1	3.59	2290	0.40	2.14	3.3	22.9	1920
\$030345		7.66	13.35	0.13	0.5	0.056	3.09	5.5	51.9	3.73	2180	0.44	2.12	3.3	19.7	1940
\$030346		6.96	13.90	0.15	0.5	0.048	4.00	5.1	57.8	3.96	2260	0.40	1.76	3.1	21.3	1960
S030346CD S030347 S030348 S030349 S030350		6.83 6.36 6.63 7.20 4.94	13.50 12.50 12.90 13.15 12.65	0.13 0.15 0.16 0.15 0.15	0.5 0.4 0.5 0.5	0.052 0.047 0.052 0.047 1.375	3.91 5.04 4.73 4.85 3.87	4.6 4.5 5.0 5.5 13.6	56.7 44.6 50.1 46.7 13.8	3.90 3.24 3.55 3.10 0.49	2210 1940 2090 2170 1220	0.43 0.55 0.78 0.48 10.10	1.76 1.32 1.13 0.97 0.24	3.0 3.2 3.0 2.9 5.1	20.8 18.0 20.6 23.9 16.6	1940 1920 1800 1700 1000



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CERTIFICATE OF ANALYSIS VA20201543

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61									
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030327		46.0	121.5	<0.002	3.55	4.46	36.7	9	1.2	521	0.16	<0.05	0.66	0.383	1.70	0.5
\$030328		74.9	111.5	<0.002	3.98	4.29	37.7	9	1.1	471	0.17	0.08	0.68	0.398	1.70	0.5
\$030329		69.2	104.5	<0.002	4.31	4.81	38.3	11	1.1	600	0.17	0.11	0.62	0.399	1.78	0.6
\$030330		158.0	163.5	0.010	2.89	18.05	10.8	3	1.4	196.0	0.26	0.33	2.68	0.259	3.04	1.4
\$030331		42.4	64.4	<0.002	2.46	5.82	41.1	7	1.1	648	0.20	0.05	0.76	0.462	1.15	0.6
\$030332		64.1	82.4	<0.002	3.77	5.90	37.5	10	0.8	592	0.16	0.05	0.67	0.391	1.33	0.4
\$030333		52.4	65.4	<0.002	1.64	4.37	39.1	5	0.9	425	0.19	<0.05	0.63	0.440	1.23	0.4
\$030334		75.2	104.5	<0.002	4.11	3.89	36.9	10	0.9	370	0.17	0.19	0.64	0.407	1.76	0.3
\$030335		99.6	94.2	<0.002	2.11	4.31	39.5	5	0.9	392	0.19	<0.05	0.70	0.450	1.65	0.3
\$030336		55.8	108.5	<0.002	2.90	5.08	39.5	5	0.7	373	0.18	0.06	0.70	0.414	1.70	0.3
\$030337		64.2	118.0	<0.002	3.54	3.94	39.8	5	0.6	390	0.18	0.11	0.61	0.420	2.02	0.3
\$030338		50.1	93.6	<0.002	3.42	5.85	41.0	5	0.7	356	0.19	<0.05	0.73	0.426	1.67	0.3
\$030339		34.4	96.2	<0.002	2.85	6.28	41.4	4	0.6	428	0.19	<0.05	0.73	0.430	1.70	0.3
\$030340		1.9	2.1	<0.002	0.05	0.16	0.8	1	<0.2	91.9	<0.05	<0.05	0.08	0.011	0.04	0.1
\$030341		42.6	81.1	<0.002	2.95	5.56	38.1	5	0.6	449	0.17	0.08	0.66	0.404	1.43	0.3
\$030342		27.0	89.1	<0.002	2.25	5.33	43.1	4	0.7	345	0.20	<0.05	0.83	0.430	1.50	0.3
\$030343		36.0	88.5	<0.002	1.70	5.52	36.8	3	0.6	335	0.17	<0.05	0.72	0.381	1.77	0.3
\$030344		38.4	85.0	<0.002	2.17	4.83	43.1	5	0.7	396	0.19	0.07	0.76	0.425	1.64	0.4
\$030345		66.7	75.1	<0.002	3.23	4.74	38.4	7	0.7	393	0.18	0.13	0.64	0.425	1.53	0.4
\$030346		95.5	100.5	<0.002	2.47	3.77	41.8	5	0.5	382	0.18	0.05	0.63	0.436	1.73	0.3
\$030346CD		90.9	90.0	<0.002	2.37	3.77	39.1	4	0.5	378	0.18	0.06	0.57	0.423	1.76	0.3
\$030347		23.3	117.0	<0.002	2.76	3.75	37.6	4	0.6	388	0.18	0.08	0.58	0.421	2.66	0.2
\$030348		84.3	141.0	<0.002	2.51	3.87	40.0	4	0.6	346	0.17	<0.05	0.67	0.405	2.24	0.4
\$030349		36.0	131.0	<0.002	2.81	4.99	37.9	5	0.7	361	0.17	<0.05	0.68	0.389	2.22	0.4
\$030350		9010	156.0	0.003	3.07	76.7	12.0	4	4.0	148.5	0.30	0.28	3.40	0.254	3.07	1.8



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(ALS									CE	ERTIFICATE OF ANALYSIS	VA20201543
	Method Analyte Units	ME-MS61 V ppm	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61 Zr ppm	pXRF-34 Si %	pXRF-34 Ti %	pXRF-34 Zr ppm		
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5		
5030327		264	0.5	14.9	167	16.8	20.4	0.5	52		
S030328		275	0.6	15.4	134	19.2	20.9	0.5	54		
5030329		280	0.5	15.5	486	17.5	21.1	0.5	52		
5030330		107	4.3	7.7	477	40.3	28.1	0.4	85		
S030331		318	0.9	17.3	244	23.3	17.8	0.5	62		
5030332		261	0.5	15.7	133	15.6	19.9	0.5	53		
\$030333		312	1.0	15.3	283	14.1	18.9	0.4	53		
5030334		269	0.8	15.5	197	13.5	19.5	0.5	55		
S030335		317	0.7	16.2	217	13.2	20.5	0.5	51		
S030336		284	1.1	16.0	173	11.2	19.1	0.4	52		
S030337		283	0.7	14.7	135	11.5	20.3	0.5	50		
S030338		288	0.7	17.9	109	11.9	19.7	0.4	47		
S030339		293	0.6	17.4	100	12.3	18.2	0.4	50		
S030340		6	<0.1	2.2	7	1.4	2.9	<0.1	<5		
S030341		274	0.6	16.0	100	10.9	18.4	0.4	52		
S030342		294	0.6	18.7	110	12.8	20.0	0.4	50		
\$030343		259	0.5	15.2	96	12.4	17.6	0.4	49		
5030344		298	0.5	16.7	113	15.2	19.2	0.4	51		
S030345		293	0.5	14.9	133	14.0	20.0	0.5	55		
S030346		305	0.6	13.7	222	13.7	20.0	0.4	51		
S030346CD		301	0.6	12.7	230	13.5	20.0	0.4	48		
S030347		273	0.5	14.3	76	10.6	20.7	0.5	50		
S030348		277	0.5	14.8	215	14.8	18.6	0.4	43		
S030349		276	0.5	14.7	92	13.7	18.5	0.4	53		
S030350		127	3.9	8.3	1860	45.5	27.7	0.4	77		



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CERTIFICATE	OE		VA20201543	,
CENTIFICATE	VГ	AINALISIS	VAZUZUIJAJ	

		CERTIFICATE COM	MENTS									
		ANALY	TICAL COMMENTS									
Applies to Method:	REEs may not be totally ME-MS61	soluble in this method.										
		LABORA	TORY ADDRESSES									
	Processed at ALS Vancou	iver located at 2103 Dollarton Hwy, No										
Applies to Method:	Au-AA23 LOG-21 PUL-32m	BAG-01 LOG-21d PUL-32md	CRU-31 LOG-23 PUL-QC	CRU-QC ME-MS61 pXRF-34								
	SPL-21 SPL-21d WEI-21											



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> 27-JAN-2021 Account: PREBOW

## VA20201546

Project: Bowser Regional Project

P.O. No.: BOW-1114

This report is for 78 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 11-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA
LEANNE HAWKINS COREY JAMES JULIANNE MADSEN
KEN MCNAUGHTON STEPHAINE WAFFORN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
PUL-32md	Pulverize 500g-DUP -85%<75um	
LOG-21	Sample logging - ClientBarCode	
CRU-31	Fine crushing - 70% <2mm	
PUL-QC	Pulverizing QC Test	
SPL-21	Split sample - riffle splitter	
PUL-32m	Pulverize 500g - 85%<75um	
BAG-01	Bulk Master for Storage	
LOG-23	Pulp Login - Rcvd with Barcode	
LOG-21d	Sample logging - ClientBarCode Dup	
SPL-21d	Split sample - duplicate	

	ANALYTICAL PROCEDURE	:S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Pb-OG62	Ore Grade Pb - Four Acid	
Zn-OG62	Ore Grade Zn - Four Acid	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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**CERTIFICATE OF ANALYSIS VA20201546** 

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											CAILO			VAZUZ	UTJTU	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030351		6.44	<0.005	0.91	7.72	57.1	750	0.62	0.14	6.49	0.50	14.45	30.0	44	2.36	136.0
\$030352		5.68	<0.005	0.83	7.39	51.6	2010	0.64	0.10	5.31	2.94	12.25	29.8	39	2.81	98.6
\$030353		3.12	<0.005	1.26	7.19	55.5	2010	0.59	0.07	5.22	2.71	12.70	21.1	42	2.90	137.0
\$030354		2.06	0.056	3.39	4.50	2460	1480	0.35	0.12	15.20	5.49	11.00	21.8	26	1.91	52.7
\$030355		5.28	0.005	1.19	7.56	110.5	540	0.69	0.22	6.11	0.43	13.10	29.4	38	2.26	132.5
\$030356		6.38	0.005	0.63	7.09	12.7	230	0.66	0.26	7.06	0.32	8.46	23.8	35	4.54	32.9
\$030357		6.00	<0.005	0.95	7.44	26.4	2070	0.61	0.25	5.51	1.23	11.65	20.0	42	2.20	98.0
\$030358		6.20	<0.005	1.09	7.72	19.7	880	0.59	0.14	5.56	0.92	13.00	25.0	39	2.56	127.5
\$030359		6.44	0.005	0.85	7.22	42.0	530	0.59	0.22	7.08	1.28	11.95	35.5	43	2.94	65.5
\$030360		0.80	<0.005	0.02	0.23	0.2	30	0.09	0.02	32.6	0.02	0.95	1.3	4	0.05	3.6
\$030361		4.08	<0.005	0.76	7.64	17.0	1760	0.69	0.24	6.63	0.40	13.00	19.7	40	3.33	60.1
\$030362		4.04	0.007	1.23	6.48	66.4	1620	0.77	0.16	10.20	0.47	16.20	28.2	33	5.96	54.4
\$030363		1.90	0.164	68.9	3.35	681	890	0.46	0.08	23.4	2.98	26.8	9.5	15	3.05	16.2
\$030364		6.42	<0.005	1.94	7.62	30.8	1970	0.53	0.17	6.40	4.54	9.18	27.8	46	1.72	86.4
\$030365		5.78	0.025	1.78	7.84	795	1190	0.74	0.20	5.89	1.60	16.65	32.1	35	1.99	134.0
\$030366		7.06	<0.005	1.31	7.68	34.0	1400	0.65	0.10	4.98	1.87	15.10	21.8	60	1.49	122.0
\$030366CD		<0.02	<0.005	1.06	7.67	30.7	1350	0.63	0.08	4.89	2.06	14.70	20.2	61	1.47	125.0
\$030367		5.76	<0.005	0.71	7.57	18.7	1780	0.68	0.12	5.38	2.75	15.45	34.4	62	1.51	81.1
\$030368		6.10	<0.005	0.88	7.62	26.2	2050	0.66	0.11	4.16	5.33	7.97	18.6	43	2.44	139.0
\$030369		6.02	<0.005	1.08	7.50	150.5	1880	0.64	0.11	5.07	3.10	10.40	23.7	30	1.64	125.5
\$030370		0.16	1.195	28.6	5.80	378	740	1.33	0.97	0.66	1.77	28.1	13.9	18	8.24	109.0
\$030371		6.34	0.005	0.91	7.62	215	1690	0.71	0.26	5.32	2.43	11.85	31.8	41	1.81	118.0
\$030372		6.18	0.006	0.96	7.39	718	1020	0.66	0.33	5.85	0.78	12.80	26.2	44	1.55	129.5
\$030373		6.10	0.005	0.98	7.31	589	440	0.77	0.32	4.54	1.39	11.20	45.6	33	1.78	150.0
\$030374		6.62	<0.005	0.69	7.92	235	1850	0.85	0.26	5.06	1.11	11.70	29.3	41	1.81	127.5
\$030375		6.28	<0.005	0.79	8.05	34.8	1590	0.69	0.15	4.87	0.98	12.85	29.9	44	1.53	117.0
\$030376		6.18	<0.005	0.62	8.05	43.1	1720	0.78	0.19	6.11	1.74	14.15	30.6	39	1.51	118.5
\$030377		6.46	<0.005	0.75	7.64	18.8	1430	0.69	0.20	5.43	3.06	11.80	31.9	26	2.08	128.5
\$030378		4.42	<0.005	0.68	7.38	21.5	1530	0.48	0.11	4.23	3.14	9.35	28.6	19	2.13	148.0
\$030379		2.18	<0.005	0.28	5.86	18.4	930	0.50	0.20	9.38	0.47	12.40	53.7	17	1.44	15.6
\$030380		1.02	<0.005	0.02	0.09	0.5	20	0.09	0.01	33.7	0.04	1.07	0.8	3	<0.05	2.5
\$030381		6.24	<0.005	0.51	7.44	86.8	1770	0.59	0.11	3.70	4.60	8.33	26.7	16	1.61	109.5
\$030382		5.62	<0.005	0.27	7.82	19.7	1810	0.55	0.38	3.99	2.16	8.87	27.2	17	1.33	51.4
\$030383		5.88	<0.005	0.41	7.89	513	1820	0.66	0.17	4.14	1.10	8.46	31.1	15	1.21	89.5
\$030384		5.78	0.006	0.55	7.64	30.5	1060	0.63	0.16	4.36	0.80	10.05	32.9	15	1.11	113.0
\$030385		6.04	0.005	0.45	7.58	19.1	550	0.58	0.24	3.78	1.03	10.85	43.1	16	1.08	99.6
\$030386		6.48	0.006	0.54	7.40	21.0	950	0.56	0.23	5.69	3.00	12.00	43.1	16	1.03	111.5
\$030386CD		<0.02	0.006	0.52	7.22	18.7	1420	0.55	0.21	5.55	2.95	10.80	40.6	14	0.95	104.0
\$030387		6.10	0.005	0.48	7.75	15.5	1210	0.59	0.23	3.35	2.71	8.29	38.1	18	1.51	104.5
\$030388		6.06	<0.005	0.52	7.57	14.0	2020	0.72	0.16	3.27	5.15	6.45	26.8	16	1.51	104.0



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	01546	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030351		6.64	13.75	0.15	0.6	0.045	4.45	6.9	46.8	2.79	1960	0.54	1.57	3.8	21.5	1700
\$030352		6.61	15.45	0.14	0.5	0.058	3.60	6.1	55.6	3.37	2150	0.41	1.80	4.0	24.6	1730
\$030353		6.32	13.30	0.15	0.5	0.056	4.26	5.9	44.9	2.94	1960	0.61	1.68	4.0	25.9	1680
\$030354		3.82	7.64	0.11	0.3	0.038	2.92	5.6	26.4	1.22	2950	5.00	0.91	2.3	11.9	990
\$030355		6.50	13.95	0.13	0.6	0.058	3.50	6.0	51.1	2.99	2080	0.54	1.94	3.6	22.0	1730
\$030356		6.27	15.40	0.12	0.5	0.087	4.30	4.3	46.7	2.84	1800	1.25	1.06	3.1	17.0	1510
\$030357		5.76	13.95	0.17	0.5	0.064	4.51	5.8	44.1	3.12	1920	0.92	1.65	3.7	21.7	1740
\$030358		7.04	14.95	0.15	0.7	0.056	4.08	6.4	53.4	3.54	2090	0.67	1.68	3.7	24.9	1810
\$030359		6.04	13.30	0.14	0.5	0.052	4.18	5.9	39.8	2.37	1880	1.92	1.59	3.8	21.3	1570
\$030360		0.17	0.51	0.08	0.1	<0.005	0.04	1.1	1.5	2.76	148	0.18	0.11	0.2	0.7	100
\$030361		5.39	13.85	0.13	0.5	0.056	3.85	6.7	52.4	2.89	1980	0.75	1.94	3.5	22.9	1760
\$030362		5.92	12.00	0.16	0.6	0.054	4.96	8.1	34.1	1.66	2040	2.07	0.46	3.0	21.0	1420
\$030363		3.70	7.26	0.11	0.2	0.038	1.94	14.4	20.5	1.02	5050	3.17	0.33	1.3	8.4	690
\$030364		6.22	14.65	0.11	0.4	0.094	3.74	4.6	38.0	2.65	2280	1.08	2.08	3.2	27.3	1530
\$030365		6.81	14.15	0.14	0.6	0.059	3.52	7.9	34.4	2.70	2000	2.00	2.25	3.8	24.4	1790
\$030366		6.42	15.75	0.12	0.6	0.082	3.38	7.2	36.8	2.81	2320	1.22	2.44	4.4	24.6	1670
\$030366CD		6.59	15.65	0.12	0.7	0.078	3.18	7.1	37.1	2.87	2330	1.59	2.44	4.2	24.8	1720
\$030367		5.94	13.50	0.13	0.6	0.083	3.95	7.7	31.7	2.76	2230	1.31	2.26	4.7	19.8	1710
\$030368		6.78	16.70	0.12	0.4	0.071	3.63	4.3	45.9	3.06	2240	1.47	1.99	3.5	23.2	1760
\$030369		7.30	15.10	0.12	0.4	0.057	3.60	5.2	37.3	2.66	2000	2.08	1.96	3.6	22.0	1790
\$030370		4.44	13.30	0.14	1.1	0.043	2.64	13.7	10.5	0.36	233	4.93	0.19	5.6	14.4	1240
\$030371		7.46	16.35	0.12	0.5	0.076	3.20	5.7	41.5	2.96	2160	2.33	2.13	3.8	24.9	1830
\$030372		6.83	15.60	0.11	0.5	0.082	3.73	6.0	33.1	2.58	2020	1.93	1.68	3.6	22.8	1770
\$030373		7.74	14.45	0.13	0.5	0.061	3.96	4.9	34.4	2.66	1950	0.97	1.79	3.9	25.6	1840
\$030374		7.02	15.50	0.13	0.5	0.079	3.63	5.7	36.1	2.85	2100	1.27	1.98	3.5	23.8	1760
\$030375		7.10	16.45	0.13	0.5	0.095	2.87	6.1	42.0	3.03	2300	0.73	2.38	3.4	26.0	1680
\$030376		7.19	15.10	0.09	0.5	0.067	2.96	6.9	32.7	2.92	2180	0.75	2.13	3.6	23.0	1830
\$030377		7.98	16.65	0.11	0.6	0.074	2.30	5.7	46.5	4.00	2430	1.65	2.16	3.4	20.0	1930
\$030378		8.02	16.35	0.11	0.5	0.087	2.57	4.1	43.5	3.89	2020	0.85	2.10	3.6	22.0	1840
\$030379		6.90	9.23	0.11	0.7	0.100	2.96	4.9	21.1	2.08	1570	0.48	1.80	2.9	7.3	1460
\$030380		0.16	0.26	0.07	<0.1	0.005	0.02	1.2	1.5	2.02	140	0.17	0.03	0.1	0.6	70
\$030381		7.57	15.80	0.10	0.6	0.086	2.86	3.7	36.6	3.54	1860	0.99	2.27	3.5	14.4	1870
\$030382		6.55	15.80	0.10	0.6	0.085	3.16	4.1	33.8	2.98	1630	1.57	2.40	3.5	14.2	1830
\$030383		7.80	16.05	0.11	0.5	0.072	2.95	3.8	37.8	3.24	1930	0.57	2.27	3.6	16.2	1860
\$030384		7.73	15.75	0.10	0.6	0.082	2.90	4.6	35.5	2.86	1910	1.06	2.15	3.4	16.3	1810
\$030385		8.08	14.50	0.11	0.6	0.087	2.96	4.6	31.9	3.12	1810	0.50	2.44	3.6	16.9	1900
\$030386		7.28	14.95	0.11	0.7	0.096	2.68	5.4	30.0	3.24	1880	1.33	2.13	3.3	16.1	1740
\$030386CD		7.11	14.55	0.10	0.6	0.106	2.66	4.9	28.8	3.19	1850	0.86	2.12	3.2	15.6	1750
\$030387		7.70	14.75	0.11	0.6	0.092	3.62	3.7	36.5	3.15	1850	1.60	2.15	3.6	19.7	1850
\$030388		7.62	16.20	0.10	0.5	0.099	3.22	2.8	43.1	3.31	1980	0.88	2.21	3.8	16.8	1920



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(ALS)	,								С	ERTIFIC	CATE O	LYSIS	VA202	01546		
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030351		32.2	128.0	<0.002	2.72	5.12	39.7	4	0.8	334	0.21	<0.05	0.88	0.406	2.10	0.5
\$030352		70.5	96.1	<0.002	2.00	6.00	39.8	4	0.6	300	0.21	<0.05	0.75	0.402	2.13	0.3
\$030353		77.9	107.0	<0.002	2.27	4.45	38.9	5	0.7	318	0.20	<0.05	0.72	0.401	2.58	0.3
\$030354		275	87.7	<0.002	1.43	78.8	22.7	4	0.5	340	0.12	0.07	0.53	0.231	1.52	0.2
\$030355		29.9	94.7	<0.002	2.86	5.57	38.7	5	0.8	365	0.20	0.06	0.79	0.397	1.67	0.4
\$030356 \$030356 \$030357 \$030358 \$030359 \$030360		26.4 71.7 47.8 52.5 1.2	113.5 121.0 116.0 123.5 0.8	<0.002 <0.002 <0.002 <0.002 <0.002 <0.002	3.90 2.18 2.68 2.94 0.03	2.68 3.16 3.69 3.76 0.12	31.1 41.3 41.2 34.6 0.7	6 6 6 6	0.6 0.7 0.7 0.7 0.7	274 354 387 435 74.7	0.20 0.17 0.20 0.21 0.21 <0.05	0.00 0.12 0.08 0.05 0.09 <0.05	0.79 0.59 0.73 0.76 0.88 0.08	0.357 0.407 0.426 0.378 0.022	1.07 1.79 2.07 1.89 1.95 <0.02	0.4 0.3 0.3 0.4 0.4 0.4
\$030361		32.8	113.5	<0.002	2.19	3.43	40.5	4	0.8	513	0.20	0.13	0.78	0.415	1.84	0.3
\$030362		23.0	162.5	0.003	4.43	5.57	34.1	7	0.7	401	0.18	0.13	0.67	0.347	2.60	0.4
\$030363		42.7	77.9	<0.002	2.23	43.7	18.0	5	0.3	327	0.08	0.05	0.33	0.156	1.62	0.3
\$030364		64.3	89.8	<0.002	2.52	3.59	36.6	9	0.8	469	0.19	0.09	0.63	0.369	1.96	0.2
\$030365		65.1	98.8	<0.002	3.11	6.40	40.1	10	0.9	442	0.21	0.10	0.91	0.413	1.91	0.5
\$030366 \$030366CD \$030367 \$030368 \$030369		44.2 38.1 59.6 77.4 66.6	79.8 74.7 97.2 64.7 73.5	<0.002 <0.002 0.002 <0.002 <0.002	2.19 2.19 2.21 1.40 2.68	5.70 5.40 3.92 3.75 6.14	36.1 35.9 38.0 32.4 31.9	7 6 6 4 4	1.0 1.0 1.1 0.7 0.7	313 314 348 405 375	0.25 0.23 0.26 0.20 0.21	<0.05 <0.05 0.05 <0.05 <0.05	1.02 1.00 1.07 0.42 0.52	0.396 0.395 0.413 0.435 0.419	1.78 1.59 1.87 1.85 1.89	0.5 0.5 0.5 0.3
\$030370		54.1	127.5	<0.002	4.00	35.4	14.4	5	1.9	133.0	0.31	0.29	2.59	0.298	2.43	1.0
\$030371		38.6	68.9	0.002	3.02	4.92	37.4	4	0.8	400	0.21	0.10	0.63	0.432	1.75	0.3
\$030372		32.9	81.8	<0.002	3.10	5.72	36.8	6	0.7	454	0.21	0.09	0.65	0.413	1.94	0.4
\$030373		45.4	79.9	<0.002	3.81	4.87	34.1	5	0.8	380	0.21	0.11	0.59	0.425	2.01	0.3
\$030374		45.9	86.3	<0.002	2.66	4.56	38.7	3	0.8	424	0.21	0.09	0.69	0.413	1.82	0.3
\$030375		33.1	70.4	<0.002	2.67	5.96	40.0	5	0.8	414	0.20	0.05	0.68	0.407	1.47	0.3
\$030376		29.4	74.3	<0.002	2.76	4.36	42.4	3	0.8	440	0.21	0.09	0.79	0.442	1.44	0.4
\$030377		29.3	53.9	<0.002	2.98	5.72	50.4	3	0.7	403	0.20	0.11	0.55	0.490	1.23	0.2
\$030378		33.6	52.3	<0.002	2.98	5.26	44.7	2	0.6	437	0.19	0.07	0.43	0.484	1.41	0.2
\$030379		23.5	94.0	<0.002	5.11	5.59	39.7	3	0.7	414	0.15	0.42	0.56	0.358	1.66	0.2
\$030380		1.2	0.7	<0.002	0.03	0.14	0.5	1	<0.2	88.5	<0.05	<0.05	0.07	0.007	0.02	0.1
\$030381		42.3	50.5	<0.002	2.31	3.82	37.1	2	0.7	443	0.20	0.06	0.36	0.501	1.59	0.2
\$030382		37.8	67.6	<0.002	2.76	3.03	37.4	2	0.8	401	0.21	0.24	0.39	0.496	1.60	0.2
\$030383		23.2	52.0	<0.002	2.57	4.34	35.9	2	0.7	390	0.20	0.09	0.39	0.500	1.53	0.2
\$030384		30.9	64.9	<0.002	3.33	4.77	42.3	3	0.8	365	0.19	0.06	0.46	0.486	1.56	0.2
\$030385 \$030386 \$030386CD \$030387 \$030388		22.3 37.3 35.3 37.8 32.9	61.2 78.9 65.9 62.2 46.4	<0.002 <0.002 <0.002 <0.002 <0.002	3.76 2.82 2.74 2.69 2.26	4.26 6.25 6.25 4.71 3.72	43.8 49.0 46.2 34.9 31.9	3 3 2 1 1	0.9 0.9 0.8 0.8	400 441 436 422 405	0.19 0.18 0.19 0.22 0.21	0.21 0.13 0.11 0.14 0.07	0.43 0.59 0.50 0.37 0.30	0.497 0.476 0.468 0.502 0.518	1.48 1.37 1.40 1.90 1.74	0.2 0.2 0.2 0.2 0.2



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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA20201546
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$030351 \$030352 \$030353 \$030354 \$030355		266 280 253 146 268	0.7 0.5 0.5 3.2 1.2	16.8 15.9 18.5 13.9 15.9	86 304 293 514 95	18.7 13.7 12.5 9.1 17.0					17.6 18.9 20.3 14.8 17.9	0.5 0.4 0.4 0.3 0.4	57 51 50 28 48	
\$030356 \$030357 \$030358 \$030359 \$030360		242 270 289 244 5	0.6 0.7 0.6 0.9 0.1	12.5 16.1 17.1 16.0 2.5	78 174 151 184 5	12.4 13.2 33.6 14.1 3.0					17.7 19.2 18.4 17.2 4.6	0.4 0.5 0.5 0.5 <0.1	45 52 46 53 12	
\$030361 \$030362 \$030363 \$030364 \$030365		277 237 130 264 282	0.6 1.6 1.6 1.4 0.8	16.8 20.6 36.0 12.9 17.6	90 78 337 502 195	12.8 15.8 7.2 11.4 14.8					18.7 17.0 8.5 18.8 19.3	0.4 0.4 0.2 0.4 0.4	55 47 26 46 51	
\$030366 \$030366CD \$030367 \$030368 \$030369		280 284 292 310 290	0.7 0.7 0.6 0.9 0.9	14.0 13.7 14.9 11.8 13.8	232 257 333 536 331	15.3 15.1 15.0 11.5 10.9					20.7 20.5 21.1 19.7 19.2	0.4 0.4 0.7 0.5 0.4	51 56 58 55 54	
\$030370 \$030371 \$030372 \$030373 \$030374		142 311 291 288 300	2.5 0.9 0.8 0.8 0.7	8.8 14.1 14.5 15.0 15.2	202 259 119 170 146	39.1 12.6 13.8 13.8 12.0					30.1 19.6 19.6 20.5 20.3	0.4 0.5 0.4 0.5 0.5	76 54 56 55 53	
\$030375 \$030376 \$030377 \$030378 \$030379		295 318 348 328 248	0.8 0.9 0.8 0.7 0.6	15.2 16.9 18.1 17.5 21.1	150 198 334 320 89	12.4 14.1 12.9 12.5 16.3					19.6 19.6 18.8 19.1 15.9	0.4 0.4 0.5 0.5 0.4	53 52 54 56 47	
\$030380 \$030381 \$030382 \$030383 \$030384		3 331 327 328 322	0.1 0.8 0.9 0.8 0.9	2.2 15.1 15.3 15.2 17.0	5 482 253 169 130	1.5 13.7 15.7 12.9 12.7					3.9 19.9 21.4 20.4 19.5	<0.1 0.5 0.5 0.5 0.5	<5 59 56 54 47	
\$030385 \$030386 \$030386CD \$030387 \$030388		323 318 315 322 337	0.5 0.5 0.5 0.7 0.9	17.4 20.5 18.9 15.6 14.6	154 320 320 319 540	14.5 35.0 14.3 13.6 13.1					20.8 19.2 19.5 20.7 20.0	0.5 0.5 0.5 0.5 0.5	53 52 54 57 61	



To: PRETIVM
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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	01546	
Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 AI % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
\$030389 \$030390 \$030391 \$030392 \$030393 \$030394 \$030395 \$030396 \$030397		5.82 0.18 5.66 6.24 6.68 6.28 6.82 6.30 6.80	0.005 2.56 0.005 0.005 0.008 0.017 0.007 <0.005 0.006	0.52 >100 0.66 0.46 0.73 0.70 0.55 0.50 0.59	7.68 3.62 7.64 8.52 7.13 7.65 7.87 7.56 8.04	53.0 2280 24.4 15.6 535 836 80.5 13.8 30.8	1860 540 1540 1830 380 360 1390 1410 1430	0.65 0.76 0.73 0.66 0.60 0.56 0.69 0.72 0.75	0.20 19.30 0.22 0.12 0.34 0.35 0.21 0.16 0.09	3.50 1.29 3.91 3.57 5.52 5.41 4.74 5.49 5.35	4.51 64.8 4.41 7.17 0.92 0.84 1.66 0.70 0.57	8.65 18.80 7.32 8.95 12.15 12.75 12.25 18.15 19.50	26.3 21.1 27.9 24.4 54.7 44.8 38.5 37.2 33.7	16 37 16 16 29 36 38 29 40	1.77 1.21 1.22 2.26 1.09 0.99 0.99 1.05 0.90	104.5 >10000 91.3 84.7 127.0 130.5 119.5 123.5 145.0
\$030398 \$030399 \$030400 \$030401 \$030402 \$030403 \$030404 \$030405 \$030406 \$030406CD \$030407		6.68 6.02 0.54 7.36 6.46 7.08 5.32 5.40 6.44 <0.02 6.54	0.005 0.006 <0.005 0.009 0.005 0.006 0.005 <0.005 <0.005 0.005 0.008	0.64 0.39 0.07 0.76 0.52 0.56 0.39 0.63 0.44 0.71	7.94  7.12 0.09 7.66 7.94 7.96  8.21 7.58 7.78 8.09 7.90	16.9  28.5 <0.2 43.6 30.6 27.8  15.0 21.6 21.7 22.7 20.1	510 560 30 180 1860 600 1700 260 420 450 200	0.76 0.58 0.07 0.67 0.75 0.65 0.74 0.59 0.64 0.68 0.63	0.12 0.22 0.02 0.18 0.09 0.17 0.11 0.06 0.10 0.10 0.11	5.37  7.56 35.9 3.91 5.25 4.45  3.56 5.19 4.22 4.37 4.49	0.53 0.51 0.02 0.67 0.61 1.52 2.22 0.67 1.53 1.50 1.36	16.55 14.50 1.01 17.10 15.60 14.70 11.70 16.05 14.60 14.80 16.25	32.3 39.0 1.3 43.6 32.4 42.5 31.2 32.4 31.4 30.9 38.3	40 32 2 45 35 30 20 39 32 33 35	1.25 1.01 <0.05 1.39 1.20 1.24 1.37 0.83 1.91 1.94 1.37	179.0  79.6 2.4 151.0 130.5 139.5  99.3 160.0 111.0 117.5 164.5
\$030408 \$030409 \$030410 \$030411 \$030412 \$030413 \$030414 \$030415		5.80 6.24 0.18 7.32 6.40 5.76 6.46 5.80	0.005 0.005 5.48 0.006 0.006 0.006 <0.005 0.011	0.46 0.38 79.8 0.48 0.49 0.59 0.33 0.55	7.95 8.21 6.26 7.73 6.96 7.30 8.07 8.02	116.5 14.5 305 31.9 18.4 16.7 20.6 364	1710 2060 310 390 210 290 2610 980	0.81 0.74 0.93 0.57 0.52 0.56 0.62 0.74	0.07 0.09 1.12 0.17 0.19 0.14 0.04 0.13	4.33 4.07 2.03 4.00 5.06 3.56 3.24 3.45	0.96 1.08 23.5 0.66 0.31 1.27 0.68 0.77	16.15 16.15 25.1 15.10 12.60 11.75 14.80 17.05	33.7 29.2 12.0 32.9 32.9 31.3 16.3 26.4	37 45 23 37 34 34 42 45	0.96 1.25 8.26 1.75 1.38 1.31 1.27	111.5 104.0 119.5 114.0 93.2 150.5 100.5 111.5
\$030416 \$030417 \$030418 \$030419 \$030420 \$030421 \$030422		6.86 4.88 6.34 6.50 0.90 5.64 2.66	<0.005 <0.005 <0.005 <0.005 <0.005 <0.005 0.034 0.045	0.13 0.26 0.25 0.36 0.02 1.28 0.70	7.58 7.88 7.83 7.64 0.11 6.92 6.91	12.8 15.8 16.0 14.1 0.6 120.0 947	1940 2050 1850 2120 20 580 1570	0.64 0.61 0.62 0.60 0.06 0.60 0.89	0.24 0.22 0.16 0.11 0.02 0.21 0.35	4.53 3.78 4.26 3.58 33.8 7.06 11.50	0.18 1.77 0.80 0.92 0.02 2.25 0.19	12.20 15.40 14.35 15.35 1.02 14.45 12.70	23.4 33.0 37.0 36.4 1.2 33.3 22.8	52 57 52 83 2 74 60	1.53 1.56 1.48 1.27 0.06 2.05 8.17	24.0 87.6 74.6 118.5 2.4 153.0 65.1
\$030423 \$030424 \$030425		5.76 3.98 4.34	<0.005 <0.005 <0.005	0.39 0.42 0.29	7.77 7.43 7.51	11.3 6.2 2.0	1550 890 2820	0.67 0.59 0.52	0.19 0.13 0.07	5.27 4.59 3.97	1.72 1.26 0.63	13.70 12.60 11.90	32.9 31.0 22.9	63 59 65	2.06 1.46 1.42	134.5 125.0 89.0



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**CERTIFICATE OF ANALYSIS** 

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VA20201546

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S030389		6.91	15.00	0.11	0.5	0.089	3.41	3.6	33.7	2.75	1720	0.89	2.25	3.6	15.9	1770
S030390		9.66	8.61	0.12	1.1	0.509	0.77	8.6	9.9	0.68	5280	58.8	1.08	2.1	32.1	310
S030391		7.37	16.15	0.11	0.5	0.093	3.16	3.3	42.0	2.93	1800	2.11	2.08	3.4	16.8	1820
S030392		7.55	16.35	0.10	0.6	0.078	2.80	3.9	42.4	3.39	1940	0.53	2.74	3.7	13.0	2000
S030393		7.49	13.90	0.12	0.6	0.078	2.93	4.9	28.3	2.53	1670	2.91	2.13	3.6	20.9	1710
\$030394		8.03	13.65	0.10	0.6	0.085	2.90	5.4	26.6	2.63	1760	0.99	2.47	3.5	22.0	1830
\$030395		7.49	15.25	0.11	0.6	0.090	2.31	5.5	35.5	3.33	2060	0.73	2.57	3.6	21.5	1890
\$030396		7.79	15.20	0.11	0.6	0.069	2.94	8.0	39.5	2.85	1740	1.01	1.65	3.7	17.7	2010
\$030397		7.66	15.35	0.12	0.7	0.059	2.63	8.7	42.3	2.82	1730	1.09	2.26	4.3	21.7	1890
\$030398 \$030399 \$030400		7.61 6.31 0.15	14.95 10.05 0.31	0.12 0.11 0.08	0.7 0.7 <0.1	0.063 0.061 0.005	3.67 3.76 0.02	7.5 6.6 1.2	35.6 26.4 1.4	2.50 2.19 1.81	1640 1370 138	0.87 0.84 0.11	1.98 1.96 0.03	3.2 0.1	21.7 17.4 0.2	2070 1720 80
S030401		8.81	14.25	0.11	0.7	0.072	3.21	7.4	36.5	2.80	1490	1.26	1.94	4.1	23.6	1800
S030402		7.42	15.30	0.10	0.7	0.070	2.54	7.5	41.3	3.09	1540	0.84	2.32	3.9	19.1	1960
S030403		7.89	14.00	0.11	0.6	0.064	2.88	6.9	38.2	3.16	1480	2.09	2.32	3.7	21.7	1990
\$030404		7.70	15.55	0.12	0.7	0.057	2.16	5.5	51.7	2.97	1510	1.66	2.77	4.1	17.7	2110
\$030405		7.42	12.55	0.12	0.7	0.069	2.94	7.1	25.6	2.57	1200	0.71	2.39	3.6	21.8	1900
\$030406		7.50	14.10	0.13	0.7	0.071	3.59	6.6	38.3	2.96	1360	0.63	1.96	3.7	19.3	2100
\$030406CD		7.62	14.75	0.14	0.7	0.071	3.60	6.8	38.8	3.04	1390	0.57	2.04	3.8	19.8	2150
\$030407		8.47	15.20	0.14	0.7	0.063	3.55	7.3	32.4	2.75	1350	0.76	1.99	4.1	20.0	2090
\$030408		7.53	15.95	0.13	0.7	0.063	2.61	8.0	38.9	2.94	1480	1.64	2.36	4.7	21.4	1850
\$030409		7.25	14.95	0.14	0.7	0.074	3.07	8.5	31.0	3.01	1460	1.26	2.64	5.0	19.4	1840
\$030410		4.95	13.00	0.14	1.2	1.295	3.85	12.6	13.1	0.48	1220	9.34	0.24	6.0	16.2	990
\$030411		7.17	14.25	0.15	0.6	0.059	5.27	7.2	26.6	2.20	1190	0.70	1.58	5.2	17.6	1750
\$030412		6.31	12.75	0.14	0.7	0.045	4.61	5.5	20.9	1.57	933	0.58	1.13	5.0	15.4	1680
\$030413		7.09	14.40	0.13	0.6	0.045	4.77	5.3	25.1	2.25	1210	1.08	1.43	5.3	18.0	1700
\$030414		6.12	15.15	0.14	0.7	0.057	4.62	7.0	31.4	2.97	1480	0.53	2.28	5.3	16.4	1820
\$030415		7.49	15.85	0.15	0.8	0.070	3.47	8.1	29.2	3.22	1500	0.56	2.66	5.2	20.8	1880
\$030416		7.22	14.00	0.14	0.7	0.064	2.19	6.4	31.3	3.97	2030	0.13	2.78	4.3	19.6	1800
\$030417		7.43	15.30	0.15	0.8	0.119	3.03	8.2	33.8	3.72	1840	0.26	2.66	4.5	24.3	1880
\$030418		7.93	15.35	0.13	0.8	0.082	2.62	7.6	35.8	3.67	1840	0.26	2.59	4.2	20.1	1850
\$030419		7.76	14.40	0.13	0.7	0.090	3.33	7.6	36.3	4.00	1680	2.15	2.37	3.8	29.0	1790
\$030420		0.16	0.35	0.07	<0.1	<0.005	0.03	1.2	1.4	2.71	160	0.08	0.04	0.1	0.3	80
\$030421		7.49	13.20	0.09	0.6	0.064	4.48	7.1	38.4	2.89	1680	1.10	1.15	3.9	28.2	1760
\$030422		5.26	13.60	0.07	0.9	0.091	3.51	6.5	46.7	2.43	2150	2.09	0.71	3.4	30.0	1510
\$030423		6.83	14.95	0.12	0.6	0.058	4.27	7.3	33.7	2.49	1700	1.29	1.79	4.2	24.1	1720
\$030424		7.29	13.80	0.12	0.6	0.054	4.55	6.1	34.0	2.82	1600	1.34	1.72	4.2	26.0	1690
\$030425		6.58	13.90	0.12	0.6	0.059	4.93	5.9	31.7	3.33	1520	0.30	1.61	4.2	23.8	1750



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**CERTIFICATE OF ANALYSIS VA20201546** 

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Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$030389 \$030390 \$030391 \$030392		41.8 >10000 43.0 30.7	62.7 27.0 53.9 52.7	<0.002 0.034 <0.002 <0.002	2.43 3.72 2.78 2.31	4.75 1870 6.08 3.94	32.4 7.5 33.4 36.5	2 4 1 1	0.7 2.7 0.6 0.7	431 134.5 383 471	0.20 0.14 0.19 0.23	0.08 0.59 0.09 0.06	0.38 2.39 0.33 0.46	0.490 0.150 0.495 0.539	1.70 0.88 1.60 1.44	0.2 2.5 0.2 0.2
S030393 S030394		39.5 25.8	60.2 58.5	<0.002	4.16 4.27	6.13	37.1 35.5	3	0.6	325 372	0.20	0.22	0.64	0.414	1.47	0.3
\$030395 \$030396 \$030397 \$030398		8.9 14.3 8.6 12.9	46.5 65.7 65.0 81.6	<0.002 <0.002 <0.002 <0.002	2.74 3.32 3.12 3.50	5.58 5.22 5.84 8.21	39.1 42.5 42.1 43.3	2 2 2 2	0.8 0.7 0.7 0.6	305 228 278 324	0.21 0.20 0.23 0.23	0.21 0.08 <0.05 0.05	0.70 0.86 0.92 0.89	0.444 0.442 0.462 0.441	1.11 1.25 1.19 1.66	0.3 0.4 0.5 0.4
\$030399 \$030400 \$030401 \$030402 \$030403		11.4 0.9 22.5 17.7 15.3	94.8 0.7 74.8 55.6 63.8	<0.002 <0.002 0.004 0.002	3.84 0.03 4.63 2.92 3.47	5.37 0.12 7.42 6.42 6.41	37.7 0.4 41.2 40.8 38.9	2 1 2 2 1	0.6 <0.2 0.7 0.6 0.6	308 84.2 301 348 370	0.18 <0.05 0.23 0.22 0.21	0.11 <0.05 0.05 0.07 0.10	0.75 0.07 0.82 0.79 0.74	0.387 0.007 0.462 0.454 0.455	1.61 0.03 1.57 1.17 1.29	0.4 0.1 0.5 0.4
\$030404 \$030404 \$030405 \$030406 \$030406CD \$030407		12.7 12.9 14.9 14.6 14.3	37.8 66.0 84.1 89.1 81.6	<0.002 <0.002 <0.002 <0.002 <0.002 <0.002	2.64 4.19 3.20 3.24 4.36	4.85 6.88 4.38 4.55 7.43	37.8 39.9 44.5 45.4 43.1	1 2 1 2	0.6 0.6 0.6 0.6 0.6	474 317 476 490 406	0.21 0.24 0.20 0.21 0.21 0.22	0.10 0.08 <0.05 0.06 0.07 0.09	0.74 0.57 0.84 0.88 0.91 0.90	0.433 0.522 0.422 0.438 0.459 0.450	1.29 1.06 1.29 1.64 1.63 1.60	0.4 0.3 0.4 0.4 0.4 0.4
\$030408 \$030409 \$030410 \$030411 \$030412		11.1 14.6 8960 10.0 12.9	55.6 71.9 153.5 120.5 84.5	<0.002 <0.002 <0.004 <0.002 <0.002	2.66 2.14 3.06 3.59 4.30	5.35 4.53 78.0 4.62 6.68	37.4 36.1 11.7 31.6 27.5	1 1 3 1	0.7 0.8 4.0 0.6 0.7	387 463 147.0 432 396	0.27 0.27 0.36 0.28 0.27	0.07 0.09 0.27 0.12 0.15	0.81 0.88 3.59 0.86 0.73	0.457 0.468 0.259 0.421 0.409	1.16 1.37 3.15 2.41 2.81	0.4 0.4 1.9 0.3 0.3
\$030413 \$030414 \$030415 \$030416 \$030417		7.8 6.4 16.1 5.3 4.9	88.2 89.6 83.5 53.0 80.7	<0.002 <0.002 <0.002 <0.002 <0.002 <0.002	3.71 1.27 2.87 1.18 1.83	7.91 6.26 8.77 2.94 4.63	28.5 30.9 37.7 39.3 41.7	1 1 2 1	0.6 0.5 0.6 0.5 0.7	339 351 437 361 353	0.28 0.28 0.28 0.28 0.24 0.25	0.09 <0.05 0.05 <0.05 <0.05	0.69 0.84 0.87 0.75 0.81	0.411 0.440 0.468 0.457 0.490	2.59 1.91 1.69 0.98 1.47	0.2 0.3 0.4 0.3 0.3
\$030418 \$030419 \$030420 \$030421 \$030422		7.4 9.8 1.2 12.7 10.6	63.4 80.6 0.7 113.5 134.0	<0.002 <0.002 <0.002 <0.002 <0.002 0.003	2.01 2.41 0.02 3.60 1.49	5.19 9.26 0.14 20.0 24.8	40.0 41.2 0.4 36.4 33.4	1 1 1 1 1	0.6 0.7 <0.2 0.5 0.9	362 315 81.8 319 333	0.25 0.22 <0.05 0.21 0.19	0.08 0.08 <0.05 0.05 0.08	0.73 0.91 0.08 0.95 0.84	0.492 0.404 0.007 0.381 0.377	1.27 1.58 0.03 2.37 1.93	0.3 0.4 0.1 0.4 0.5
S030423 S030424 S030425		7.5 11.9 24.4	111.5 104.0 103.5	<0.002 <0.002 <0.002	2.10 2.95 1.74	6.66 6.46 3.50	38.4 39.0 36.8	2 1 1	0.6 0.5 0.5	522 420 333	0.22 0.22 0.23	0.11 0.10 <0.05	0.85 0.78 0.78	0.385 0.390 0.401	1.93 2.05 2.19	0.4 0.5 0.4



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**CERTIFICATE OF ANALYSIS VA20201546** 

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												. / (14/ (1	- 1 313	VA20201340
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$030389 \$030390 \$030391 \$030392 \$030393		308 55 325 353 276	1.1 0.8 1.2 0.9 0.6	16.0 9.7 13.8 15.9 16.0	462 >10000 455 762 124	12.7 40.0 12.6 16.7 14.3	403	1.815	4.22	1.120	20.4 25.6 19.7 20.4 20.4	0.5 0.2 0.5 0.5 0.4	60 63 58 58 50	
\$030395 \$030396 \$030397 \$030398		309 317 314 311	1.0 0.8 0.8 0.8	15.1 17.2 18.3 17.0	211 129 110 97	14.2 17.2 16.7 25.9					20.5 19.1 20.4 20.5	0.5 0.5 0.5 0.5	52 49 55 49	
\$030399 \$030400 \$030401 \$030402 \$030403		261 3 292 329 313	0.6 <0.1 0.9 0.9 0.8	15.3 2.2 16.8 16.4 17.5	92 3 127 124 234	17.2 1.4 18.4 17.0 17.1					19.3 3.5 19.4 19.6 20.5	0.5 <0.1 0.5 0.5 0.5	45 <5 60 51 55	
\$030404 \$030405 \$030406 \$030406CD \$030407		337 283 321 331 319	1.1 0.6 0.7 0.7 0.8	15.8 16.4 17.0 17.3 17.2	328 114 245 238 212	16.7 17.6 17.0 17.6 18.4					19.1 20.2 20.3 20.3 19.8	0.5 0.5 0.5 0.6 0.5	63 48 55 54 54	
\$030408 \$030409 \$030410 \$030411 \$030412		270 275 126 191 172	1.3 1.0 4.2 1.1 0.7	17.0 18.6 9.2 17.6 15.1	176 193 1940 125 64	18.2 18.7 45.0 14.8 16.3					20.3 21.0 27.0 20.3 20.2	0.5 0.5 0.4 0.5 0.6	62 70 74 73 69	
\$030413 \$030414 \$030415 \$030416 \$030417		180 227 282 285 303	0.7 0.8 1.2 1.5 1.4	14.9 17.0 18.7 16.1 18.9	200 149 144 113 319	15.6 17.6 22.0 18.3 22.3					21.3 22.2 19.5 19.5 20.3	0.5 0.5 0.5 0.4 0.5	67 67 67 56 64	
\$030418 \$030419 \$030420 \$030421 \$030422		293 283 3 258 235	1.7 1.2 <0.1 1.0 2.6	16.7 15.2 2.2 15.4 14.5	199 206 7 383 62	20.0 22.5 1.9 17.7 27.6					20.3 20.5 3.8 18.1 15.0	0.5 0.4 <0.1 0.4 0.4	61 50 <5 54 49	
\$030423 \$030424 \$030425		269 280 273	0.8 0.8 1.0	16.1 15.6 14.8	220 179 125	16.0 17.3 15.1					20.3 20.7 21.6	0.4 0.5 0.5	56 51 52	



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CERTIFICATE	OE ANALVSI	S VA20201546
CERTIFICATE	OF ANALISI	3 VAZUZUI 340

	<u>_</u>	CERTIFICATE OF ANALI	313 VA20201340
	CERTIFICATE CO	MMENTS	
	ANAL	YTICAL COMMENTS	
Applies to Method:	REEs may not be totally soluble in this method. ME-MS61		
	LABOR	RATORY ADDRESSES	
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, N	lorth Vancouver. BC. Canada.	
Applies to Method:	Ag-OG62 Cu-OG62 ME-MS61 PUL-32md SPL-21d  Au-AA23 LOG-21 ME-OG62 PUL-QC WEI-21	BAG-01 LOG-21d Pb-OG62 pXRF-34 Zn-OG62	CRU-31 LOG-23 PUL-32m SPL-21



ALS Canada Ltd.

2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

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> 27-JAN-2021 Account: PREBOW

## VA20201547

Project: Bowser Regional Project

P.O. No.: BOW-1109

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 11-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA
LEANNE HAWKINS COREY JAMES JULIANNE MADSEN
KEN MCNAUGHTON STEPHAINE WAFFORN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Pb-OG62	Ore Grade Pb - Four Acid	
Zn-OG62	Ore Grade Zn - Four Acid	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: Due to the sample matrix, \$030139 cannot be analyzed by pXRF-34 method.

Signature:

Saa Traxler, General Manager, North Vancouver



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Project: Bowser Regional Project

( , , , , ,									CERTIFICATE OF ANALYSIS		LYSIS	VA202				
Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 AI % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
S030051		3.90	0.251	0.55	7.48	2.4	940	1.53	0.08	2.30	3.61	25.3	15.6	41	6.19	123.0
S030052		1.30	0.195	0.57	7.69	3.4	1010	1.69	0.05	3.24	1.01	24.4	9.6	28	5.88	105.5
S030053		2.58	0.167	0.84	8.25	2.9	540	1.56	0.15	2.42	1.93	28.3	19.8	35	7.65	160.0
S030054		4.70	0.267	0.84	8.07	2.4	820	1.77	0.12	2.19	4.30	27.5	21.8	38	8.13	189.5
S030055		4.72	0.218	0.38	8.03	2.0	600	1.46	0.08	1.99	4.05	27.4	8.9	43	6.85	63.0
S030056		5.20	0.232	0.31	8.10	2.4	600	1.39	0.08	1.86	0.64	30.3	10.7	42	6.15	59.5
S030057		6.58	0.435	0.55	8.74	3.9	800	1.52	0.10	1.64	1.39	27.2	15.1	40	6.05	123.0
S030058		4.34	0.191	0.56	8.27	2.9	290	1.29	0.12	1.68	1.42	27.3	12.0	40	5.18	99.9
S030059		4.88	0.090	0.43	8.19	2.3	1070	1.86	0.08	2.04	1.60	25.5	12.3	35	6.50	59.0
S030060		0.82	<0.005	0.01	0.16	<0.2	30	0.11	0.01	33.3	0.02	1.12	1.1	1	0.07	2.0
S030061		6.06	0.154	0.54	8.28	2.4	660	1.55	0.13	1.43	2.31	33.8	17.8	36	5.71	104.5
S030062		6.26	0.292	0.65	8.13	2.5	350	1.46	0.14	1.74	2.16	28.7	20.0	36	6.09	133.0
S030063		5.90	0.197	0.62	6.81	1.8	650	1.36	0.11	5.24	2.20	35.1	14.4	27	4.74	82.9
S030064		5.82	0.094	0.44	6.29	1.9	550	1.80	0.06	4.71	17.45	25.8	9.9	21	4.95	39.6
S030065		6.28	0.137	0.71	8.21	3.2	460	1.38	0.11	1.10	1.75	26.6	19.7	43	4.99	126.0
S030066		5.88	0.087	0.55	8.02	2.6	970	1.16	0.08	1.63	0.81	21.6	11.6	40	3.70	59.1
S030066CD		<0.02	0.085	0.57	8.04	2.5	1020	1.15	0.08	1.58	0.92	22.8	11.8	38	3.68	59.9
S030067		6.10	0.102	0.68	7.85	2.5	290	1.09	0.08	1.75	0.97	25.3	16.3	48	4.05	92.0
S030068		5.70	0.089	0.61	8.01	2.9	630	1.11	0.10	1.82	0.75	24.3	13.3	40	4.16	69.0
S030069		6.14	0.041	0.56	8.22	2.8	730	0.92	0.09	1.51	0.68	26.5	10.8	43	3.23	49.8
S030070		0.16	2.22	>100	3.64	2300	540	0.76	21.1	1.30	62.9	17.70	21.2	39	1.15	>10000
S030071		5.70	0.061	0.81	8.55	3.6	460	1.29	0.16	1.52	2.39	33.7	13.4	39	4.77	62.6
S030072		5.38	0.084	1.09	6.88	4.9	320	1.30	0.19	2.98	2.55	24.2	16.7	33	4.46	85.7
S030073		5.64	0.046	0.52	7.62	2.8	1310	1.97	0.17	4.18	2.42	30.8	14.5	37	8.71	62.5
S030074		5.42	0.082	0.55	8.28	3.2	1030	1.37	0.10	1.72	0.78	23.2	10.4	38	7.20	51.1
S030075		4.26	0.087	0.45	6.75	5.9	610	1.26	0.09	5.59	0.31	27.2	11.0	24	4.39	90.3
S030076		4.26	0.148	0.46	7.42	4.0	320	1.53	0.14	4.18	1.20	25.0	17.7	32	6.86	117.0
S030077		4.72	0.052	1.13	7.95	3.0	970	1.27	0.11	2.60	1.86	23.1	12.5	37	8.44	53.1
S030078		6.10	0.104	2.16	7.28	5.2	420	1.34	0.16	2.81	2.40	20.9	15.9	32	8.46	80.7
S030079		5.46	0.211	0.93	8.17	4.0	700	1.21	0.17	2.30	1.87	24.9	16.0	36	7.53	113.0
S030080		1.04	<0.005	0.05	0.12	<0.2	20	0.08	0.01	34.1	0.03	1.15	1.1	1	0.10	3.1
S030081		5.74	0.057	0.95	7.79	3.4	740	1.09	0.11	2.22	1.35	23.1	11.5	38	7.55	73.4
S030082		5.94	0.082	1.08	7.77	3.8	520	1.17	0.11	1.88	2.15	22.7	12.7	35	6.70	64.6
S030083		5.68	0.091	0.74	6.85	3.5	380	1.08	0.15	3.24	0.46	18.40	12.5	33	5.14	45.4
S030084		5.90	0.162	0.83	7.95	4.8	270	1.24	0.15	2.17	2.04	26.5	15.8	38	5.78	118.0
S030085		5.60	0.058	0.53	8.50	3.8	350	1.02	0.11	1.90	1.30	28.6	12.4	39	5.01	70.1
S030086		5.68	0.042	0.76	8.53	4.4	400	1.23	0.11	1.82	2.75	24.2	14.6	38	5.95	59.3
S030086CD		<0.02	0.042	0.85	8.50	5.1	390	1.37	0.12	1.79	2.90	27.7	16.1	39	6.58	63.7
S030087		6.64	0.162	0.53	7.57	2.3	1340	1.06	0.13	1.92	3.17	14.70	6.3	26	6.82	27.0
S030088		6.60	0.053	0.43	8.96	3.5	600	1.30	0.10	2.04	1.34	24.3	13.9	41	5.75	55.4



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Project: Bowser Regional Project

(ALS)	,								CERTIFICATE OF ANALYS				YSIS	VA202		
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030051 \$030052 \$030053 \$030054 \$030055		3.36 2.88 4.04 4.03 2.76	20.1 18.55 21.4 21.2 20.0	0.17 0.18 0.18 0.20 0.18	1.6 1.9 1.8 1.9	0.046 0.075 0.016 0.028 0.029	2.20 3.31 2.63 2.97 2.28	10.2 8.7 11.4 10.3 10.3	55.1 36.9 28.0 35.0 27.5	2.98 4.17 1.59 1.91 1.58	1220 956 871 784 652	2.99 8.37 7.69 8.44 1.25	2.54 1.18 2.70 2.21 2.97	5.9 5.6 6.5 6.9 5.5	56.5 21.3 32.3 35.9 17.7	1000 1640 1930 1950 1150
\$030056		3.08	19.70	0.19	1.2	0.012	2.17	11.7	29.2	1.58	590	1.21	3.17	5.7	16.9	850
\$030057		3.83	21.3	0.20	1.4	0.015	2.69	11.0	29.2	1.67	589	1.38	3.27	6.6	21.6	1090
\$030058		4.17	19.80	0.20	1.2	0.008	2.56	10.2	25.0	1.38	537	1.88	3.29	6.1	21.2	990
\$030059		3.11	19.70	0.19	1.5	0.010	2.97	10.3	35.0	1.97	815	1.54	2.69	6.0	17.7	1140
\$030060		0.15	0.58	0.11	0.1	0.006	0.03	1.2	1.5	2.38	147	0.11	0.08	0.3	0.5	70
\$030061		3.85	18.40	0.19	1.5	0.014	2.18	12.5	30.0	1.65	623	1.73	3.27	5.8	22.3	1140
\$030062		4.56	19.45	0.16	1.4	0.017	2.63	11.2	30.5	1.83	643	2.87	2.74	5.6	23.7	930
\$030063		3.66	15.85	0.17	1.7	0.015	1.77	17.6	42.3	2.34	784	4.20	2.36	5.0	17.1	800
\$030064		3.03	15.55	0.15	1.9	0.138	1.48	12.1	55.0	5.29	1800	27.1	1.78	4.6	19.6	800
\$030065		3.96	19.30	0.18	1.4	0.012	2.49	10.2	28.2	1.58	659	2.63	3.31	5.4	20.5	850
\$030066		2.95	17.75	0.18	1.1	0.010	2.49	8.5	24.3	1.50	596	1.91	3.29	4.6	14.7	690
\$030066CD		2.93	17.80	0.20	1.2	0.010	2.43	9.1	24.8	1.51	592	2.00	3.29	4.7	15.3	690
\$030067		4.16	18.10	0.19	1.2	0.012	2.68	10.1	26.7	1.76	656	1.66	2.98	5.5	17.9	880
\$030068		3.74	18.90	0.20	1.1	0.011	2.38	10.1	26.5	1.78	717	1.11	3.31	5.4	19.8	930
\$030069		3.55	17.10	0.18	1.0	0.008	2.02	12.7	18.5	1.24	515	0.83	3.96	4.6	17.0	770
\$030070		9.91	7.67	0.14	1.0	0.455	0.80	8.5	9.0	0.69	5280	52.9	1.11	2.1	31.7	340
\$030071		4.41	20.5	0.21	1.3	0.012	2.98	16.9	28.7	2.01	745	1.55	3.10	5.7	21.2	950
\$030072		4.34	17.80	0.17	1.9	0.033	2.96	10.6	31.7	2.25	1030	16.20	2.26	5.5	36.0	890
\$030073		3.36	18.80	0.20	1.8	0.082	3.09	14.1	36.1	2.47	1210	19.60	1.69	5.8	37.5	870
\$030074		2.93	17.10	0.20	1.1	0.012	2.87	10.7	23.0	1.43	547	1.64	3.06	4.5	13.7	840
\$030075		3.11	15.95	0.18	1.4	0.049	2.12	12.6	44.3	3.79	1340	9.46	1.24	5.0	19.9	1010
\$030076		3.99	19.80	0.20	1.5	0.042	3.82	10.4	26.8	2.12	1000	5.76	1.00	6.2	23.9	1070
\$030077		3.26	19.35	0.17	1.2	0.010	4.40	10.2	16.7	1.26	876	1.37	0.87	5.7	16.8	990
\$030078		4.31	17.25	0.18	1.1	0.020	3.95	9.9	13.7	1.02	792	1.53	0.63	4.4	17.7	880
\$030079		4.09	21.1	0.19	1.3	0.031	3.93	10.9	21.5	1.43	925	0.89	1.66	6.4	19.6	1190
\$030080		0.13	0.40	0.10	<0.1	<0.005	0.04	1.2	1.3	2.81	146	0.08	0.03	0.1	0.5	80
\$030081		3.49	18.20	0.17	1.2	0.017	3.58	11.1	17.2	0.98	795	1.39	1.65	4.6	15.9	780
\$030082		3.65	17.15	0.17	1.1	0.027	3.75	11.0	16.4	0.99	717	1.94	1.59	4.2	15.2	790
\$030083		3.90	17.80	0.16	0.9	0.030	3.34	8.6	22.3	1.43	549	0.79	2.10	4.4	16.1	830
\$030084		4.54	20.2	0.19	1.2	0.039	3.53	12.3	22.6	1.47	800	1.70	2.52	5.9	22.9	1250
\$030085		4.04	19.65	0.17	1.3	0.023	3.44	16.0	20.5	1.29	895	1.37	3.10	5.4	20.3	1080
\$030086		3.95	19.25	0.18	1.3	0.014	4.16	11.5	21.4	1.52	1060	1.20	2.13	5.0	17.7	1020
\$030086CD		3.97	21.7	0.20	1.5	0.019	4.19	13.5	23.8	1.54	1090	1.38	2.09	5.8	20.3	1020
\$030087		1.76	15.80	0.17	0.9	0.028	3.77	6.7	11.7	0.81	689	3.02	1.54	2.9	16.8	500
\$030088		3.84	20.7	0.20	1.4	0.044	4.89	10.7	19.9	1.50	1010	1.01	2.01	6.2	22.1	1640



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Project: Bowser Regional Project

(								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	01547		
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
S030051		47.1	60.0	0.004	2.26	1.98	14.6	11	2.8	319	0.35	<0.05	2.91	0.356	2.00	1.4
S030052		34.0	131.0	0.014	1.68	2.28	13.0	9	2.9	230	0.34	< 0.05	4.78	0.321	2.21	3.1
S030053		47.2	87.1	0.010	3.37	2.19	15.7	13	1.9	393	0.39	< 0.05	3.76	0.358	2.12	2.7
S030054		53.1	88.0	0.015	3.52	2.17	14.4	13	2.5	251	0.41	< 0.05	3.88	0.381	2.45	2.5
S030055		41.3	71.9	< 0.002	2.48	2.60	12.6	9	3.1	227	0.34	< 0.05	2.81	0.366	2.00	1.6
S030056		35.3	74.0	<0.002	2.81	3.09	12.0	10	2.9	252	0.33	<0.05	2.66	0.361	1.77	1.3
S030057		43.7	89.9	0.002	3.66	8.56	14.5	13	3.0	269	0.37	<0.05	3.61	0.404	2.01	1.7
S030058		36.8	85.0	0.002	4.07	3.85	14.1	15	1.9	280	0.35	< 0.05	3.34	0.373	1.89	1.7
S030059		42.9	89.5	0.003	2.65	1.93	13.9	10	2.0	296	0.35	< 0.05	3.00	0.369	2.29	1.5
S030060		0.5	1.1	<0.002	0.02	0.11	0.3	1	<0.2	76.1	< 0.05	< 0.05	0.10	0.007	0.03	0.2
S030061		47.9	82.5	0.004	3.66	1.64	14.2	12	2.1	283	0.35	<0.05	3.33	0.364	1.78	1.8
S030062		47.4	87.3	0.002	4.23	1.63	12.9	13	2.1	257	0.33	<0.05	2.92	0.352	1.88	1.6
S030063		41.5	67.4	0.004	3.12	1.50	12.4	13	1.8	260	0.30	< 0.05	2.87	0.299	1.40	1.6
S030064		44.3	55.0	0.035	1.40	2.00	11.7	6	2.6	244	0.29	< 0.05	3.40	0.244	1.11	5.0
S030065		48.5	85.1	0.002	3.74	5.88	11.8	14	1.7	314	0.32	< 0.05	2.62	0.346	1.71	2.2
S030066		32.0	80.9	<0.002	2.68	3.49	9.5	9	1.7	254	0.29	<0.05	2.47	0.292	1.51	1.4
S030066CD		32.7	83.2	<0.002	2.67	3.52	9.9	9	1.8	252	0.29	<0.05	2.68	0.286	1.54	1.6
S030067		28.8	79.7	0.002	3.86	2.12	11.9	12	1.8	212	0.33	< 0.05	2.55	0.373	1.54	1.5
S030068		29.2	75.4	<0.002	3.23	1.87	12.5	8	1.4	237	0.33	< 0.05	2.82	0.349	1.41	1.2
S030069		23.4	68.9	<0.002	3.46	6.17	10.8	7	1.4	221	0.28	< 0.05	2.84	0.319	1.26	1.2
S030070		>10000	26.2	0.028	3.70	1895	7.4	4	2.4	138.0	0.13	0.55	2.39	0.153	0.85	2.5
S030071		54.8	88.0	0.002	3.75	3.59	12.4	7	1.4	244	0.34	<0.05	3.54	0.361	1.64	1.8
S030072		52.3	62.7	0.012	3.44	4.82	19.3	6	1.5	266	0.33	< 0.05	3.15	0.335	1.51	2.0
S030073		41.9	111.0	0.017	2.03	2.86	15.8	7	2.2	265	0.33	<0.05	3.57	0.323	1.83	2.6
S030074		48.9	97.4	0.002	2.59	7.07	10.0	10	1.8	311	0.28	< 0.05	2.41	0.286	1.75	1.3
S030075		115.0	87.6	0.019	1.82	3.47	10.9	9	2.1	345	0.29	<0.05	2.76	0.281	1.47	2.5
S030076		76.8	116.5	0.012	2.98	2.67	13.0	10	3.6	242	0.36	<0.05	2.84	0.350	2.72	2.2
S030077		104.0	133.0	0.003	2.96	6.94	11.0	7	2.3	135.0	0.34	<0.05	2.57	0.355	3.16	1.2
S030078		144.0	138.5	0.004	4.35	12.70	10.9	11	2.0	108.0	0.27	0.05	2.59	0.271	2.87	1.3
S030079		59.5	124.5	0.002	3.80	3.87	14.2	8	2.2	164.5	0.38	<0.05	3.20	0.389	2.86	1.2
S030080		4.3	1.3	<0.002	0.02	0.23	0.3	1	<0.2	79.4	<0.05	<0.05	0.09	0.007	0.04	0.1
S030081		81.6	133.5	0.002	3.48	7.65	10.1	11	2.4	139.0	0.28	<0.05	2.43	0.289	2.85	1.4
S030082		94.7	135.5	0.003	3.59	3.60	9.9	13	2.0	152.5	0.27	<0.05	2.55	0.259	2.82	1.3
S030083		44.2	97.0	0.002	3.83	2.29	10.1	12	2.0	193.5	0.26	<0.05	1.98	0.280	2.28	0.9
S030084		57.7	105.5	0.004	4.26	2.79	13.4	14	2.0	250	0.35	< 0.05	3.01	0.364	2.17	1.1
S030085		51.0	110.5	0.003	3.88	3.09	13.1	8	1.5	267	0.33	<0.05	2.88	0.352	2.12	1.2
S030086		76.7	128.0	0.002	3.69	3.43	12.2	7	1.6	217	0.32	<0.05	2.69	0.331	2.53	1.4
S030086CD		83.3	145.5	0.002	3.71	3.85	13.8	7	1.8	215	0.35	<0.05	3.06	0.330	2.81	1.6
S030087		85.9	137.5	0.002	1.43	2.93	8.8	3	1.4	168.5	0.20	<0.05	1.88	0.174	2.52	1.2
S030088		49.1	147.5	0.002	3.30	2.22	13.8	5	1.9	239	0.37	<0.05	3.56	0.392	2.82	1.5
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To: PRETIVM
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Project: Bowser Regional Project

(ALS	,							CERTIFICATE OF ANAL						VA20201547
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$030051 \$030052 \$030053 \$030054 \$030055		133 133 162 165 128	2.2 1.2 1.8 1.8 1.6	17.8 20.4 23.2 18.9 13.5	304 176 192 335 365	52.6 65.1 61.1 63.3 41.1					25.2 25.5 24.4 24.6 26.8	0.4 0.4 0.4 0.4 0.4	96 94 113 114 149	
\$030056 \$030057 \$030058 \$030059 \$030060		119 127 128 123 2	1.4 1.9 1.8 1.5 <0.1	13.5 16.3 15.2 15.1 2.4	107 155 121 170 4	37.4 44.5 38.9 46.3 2.1					26.9 26.3 26.2 25.7 3.6	0.4 0.4 0.4 0.4 0.1	154 144 151 131 11	
\$030061 \$030062 \$030063 \$030064 \$030065		117 109 90 154 122	1.4 1.8 1.3 1.1	18.1 17.2 20.5 20.7 13.9	216 208 197 615 138	44.5 43.2 46.1 74.3 40.1					26.6 26.0 23.0 23.8 26.7	0.4 0.4 0.3 0.3 0.4	119 117 100 100 137	
\$030066 \$030066CD \$030067 \$030068 \$030069		101 101 136 119 123	1.2 1.2 2.2 3.1 2.4	12.6 12.9 14.7 15.9 11.9	93 96 117 123 75	33.6 35.2 34.4 33.3 29.8					27.0 28.9 26.3 27.1 26.4	0.4 0.3 0.4 0.4 0.4	101 111 174 127 130	
\$030070 \$030071 \$030072 \$030073 \$030074		54 125 125 127 122	0.7 2.0 1.6 1.7 2.1	9.3 15.9 16.2 20.1 12.0	>10000 176 237 209 89	33.8 36.0 49.1 59.4 34.0	412	1.835	4.35	1.150	24.6 25.6 22.1 23.2 27.4	0.2 0.4 0.4 0.4 0.3	59 127 123 100 107	
\$030075 \$030076 \$030077 \$030078 \$030079		124 137 115 97 128	1.9 2.6 3.1 3.1 2.7	16.1 15.2 12.1 9.9 14.2	187 181 148 179 173	47.0 47.2 34.8 33.2 39.7					22.1 23.1 25.3 27.0 23.7	0.6 0.5 0.4 0.3 0.5	93 131 117 95 118	
\$030080 \$030081 \$030082 \$030083 \$030084		2 110 101 105 127	<0.1 2.9 2.1 2.3 2.8	2.2 10.7 10.9 10.2 15.1	6 134 200 67 134	1.6 38.5 34.3 30.2 38.9					3.7 26.5 27.7 23.5 24.9	<0.1 0.4 0.3 0.3 0.5	8 124 113 120 138	
\$030085 \$030086 \$030086CD \$030087 \$030088		122 118 120 68 138	2.6 2.8 3.1 2.1 3.9	14.0 13.5 15.6 7.3 17.5	110 204 200 196 155	40.4 41.6 47.3 27.5 46.6					25.5 25.4 26.7 29.5 24.6	0.5 0.4 0.4 0.2 0.5	135 126 128 77 126	



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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Project: Bowser Regional Project

								CERTIFICATE OF ANALYS				LYSIS	VA202			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
S030089		5.30	0.201	0.92	7.83	4.4	340	1.22	0.22	1.98	1.50	23.3	14.8	40	5.30	87.1
S030090		0.14	5.69	77.5	6.03	305	320	1.02	1.07	1.95	20.5	22.3	9.6	22	6.85	106.5
S030091		5.16	0.130	0.87	7.56	6.7	190	1.27	0.32	2.51	0.19	25.8	18.2	39	4.31	76.6
S030092		5.54	0.016	0.54	7.14	6.3	530	1.15	0.27	3.01	0.03	20.0	10.0	40	5.09	28.0
S030093		5.32	0.061	0.50	8.23	5.3	690	1.07	0.30	1.96	0.03	24.5	12.5	42	3.95	79.2
\$030094		4.38	0.017	0.62	7.49	8.3	210	1.22	0.50	2.01	0.04	18.85	12.8	39	5.09	30.0
\$030095		5.86	0.031	0.76	8.01	9.0	280	1.31	0.52	2.25	0.06	22.1	14.5	39	4.49	86.9
\$030096		5.78	0.012	0.84	7.56	11.6	400	1.79	0.80	6.13	0.09	30.7	17.9	30	6.29	52.8
\$030097		6.34	0.017	1.24	5.97	16.6	340	1.22	0.93	8.12	0.05	27.3	21.8	22	3.25	85.2
\$030098		7.02	0.010	0.97	7.16	11.3	560	1.75	0.79	6.65	0.06	29.3	12.3	30	6.68	16.2
\$030099 \$030100 \$030101 \$030101 \$030102 \$030103		5.94 0.56 6.58 5.98 5.34	0.019 <0.005 0.025 0.036 0.085	1.51 0.04 0.93 1.02 1.54	6.83 0.15 7.17 7.64 7.72	21.2 0.7 19.9 99.9 55.6	100 50 270 1840 1410	1.23 0.06 1.15 1.25 1.69	1.19 0.05 0.64 0.78 0.47	4.39 32.4 4.16 4.24 4.83	6.27 0.13 0.08 1.03 5.05	22.4 1.29 24.1 30.7 22.3	17.3 0.8 12.3 15.0 15.5	33 2 34 36 30	4.65 0.08 4.63 4.47 5.38	21.8 2.2 129.5 148.5 106.0
\$030104		5.84	0.124	1.06	7.22	9.6	1240	1.14	0.18	3.77	1.53	24.4	14.4	32	2.86	62.0
\$030105		6.50	0.129	0.63	7.37	5.6	1370	1.29	0.22	4.27	4.55	31.9	17.2	46	1.42	106.0
\$030106		4.68	0.211	1.19	7.01	10.8	1160	1.38	0.16	5.46	5.38	30.0	19.7	29	3.42	122.0
\$030106CD		<0.02	0.204	0.98	7.13	8.6	1270	1.35	0.16	5.36	5.22	30.1	18.4	30	3.08	115.5
\$030107		5.14	0.166	0.59	7.18	5.2	1450	1.31	0.12	4.19	1.69	26.0	14.1	34	4.30	92.8
\$030108		6.36	0.233	1.01	5.74	4.7	640	1.28	0.07	5.58	1.89	24.1	16.4	17	4.08	176.0
\$030109		6.26	0.140	0.55	7.60	4.3	1120	1.84	0.06	3.82	2.01	29.1	7.5	27	5.78	74.1
\$030110		0.12	0.984	26.3	5.76	387	320	1.22	0.96	0.65	1.62	25.6	12.5	19	7.60	102.0
\$030111		4.38	0.209	0.85	7.23	4.6	1000	1.72	0.09	3.17	2.05	19.40	15.9	36	5.57	146.0
\$030112		7.02	0.279	0.71	7.77	3.3	1030	1.34	0.07	1.67	0.65	21.4	13.4	41	4.63	79.4
\$030113		5.46	0.244	0.51	7.86	3.2	950	1.57	0.08	1.50	1.33	26.6	11.9	40	6.11	80.0
\$030114		5.98	0.192	0.59	7.15	3.9	770	1.57	0.11	2.72	1.97	23.4	13.2	38	6.36	87.6
\$030115		5.72	0.183	0.55	7.48	3.1	740	1.57	0.08	1.91	1.03	22.0	16.8	38	6.29	83.2
\$030116		5.24	0.137	0.60	7.75	3.9	900	1.23	0.08	1.94	1.05	23.7	15.9	38	5.14	84.1
\$030117		5.56	0.158	0.67	7.77	4.0	950	1.46	0.06	1.52	3.09	20.2	10.6	41	5.68	46.4
\$030118		6.24	0.142	0.43	7.65	3.4	710	1.70	0.08	1.54	12.75	22.1	11.3	38	7.34	42.1
\$030119		5.46	0.200	0.58	7.63	3.5	1020	1.67	0.12	1.91	1.79	23.2	9.6	37	7.19	61.0
\$030120		0.56	<0.005	0.01	0.12	0.6	20	0.06	0.02	35.1	0.04	1.11	0.5	1	0.12	1.1
\$030121		5.88	0.371	1.04	7.71	4.1	770	1.58	0.15	1.56	2.05	23.7	16.3	30	6.59	202
\$030122		5.10	0.294	0.66	8.00	3.4	1390	1.25	0.15	1.27	1.44	26.2	12.2	36	4.67	124.5
\$030123		4.04	0.279	1.19	7.03	3.3	1600	1.43	0.09	4.65	1.87	26.5	12.9	29	4.66	105.5
\$030124		4.46	0.131	0.47	7.52	2.2	1070	1.55	0.06	1.58	4.41	16.45	2.0	35	4.41	18.8
\$030125		4.50	0.372	0.67	5.57	7.0	900	1.06	0.06	4.63	1.69	19.25	10.2	23	2.91	179.0
\$030126		2.92	0.223	0.46	1.68	3.8	130	0.43	0.03	7.17	0.58	5.77	9.2	6	1.25	169.5
\$030126CD		<0.02	0.204	0.48	1.73	3.8	130	0.40	0.03	7.56	0.60	5.80	8.8	6	1.26	164.0



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(763									CERTIFICATE OF ANALYSIS		LYSIS	VA202	01547			
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030089 \$030090 \$030091 \$030092 \$030093		4.30 4.70 5.63 3.65 3.93	19.10 11.50 21.2 16.70 18.15	0.11 0.09 0.10 0.10 0.10	1.2 1.0 1.0 1.1	0.058 1.250 0.069 0.061 0.038	4.49 3.63 3.91 4.12 4.18	10.9 10.9 12.0 9.6 11.3	21.2 12.3 24.1 19.8 18.2	1.38 0.46 1.61 1.24 1.26	802 1160 852 683 544	1.03 9.10 0.89 0.79 0.81	1.86 0.23 2.06 1.73 2.65	5.1 4.9 5.5 4.8 5.4	16.9 14.3 20.9 19.7 19.7	1120 950 1330 1000 1150
\$030094		4.58	17.40	0.10	1.3	0.037	3.97	7.9	19.5	1.17	476	1.59	2.01	5.3	17.9	1040
\$030095		4.34	18.15	0.11	1.4	0.060	4.54	9.7	21.5	1.38	486	1.92	2.21	6.0	21.7	1220
\$030096		4.93	18.10	0.15	1.4	0.295	2.62	15.8	58.1	3.83	1220	4.06	1.42	5.1	21.7	1370
\$030097		5.89	14.20	0.10	1.3	0.406	2.43	15.6	49.4	3.51	1620	6.19	0.85	3.9	18.7	1300
\$030098		3.66	19.10	0.10	1.6	0.307	3.94	14.7	24.4	1.66	1130	9.29	0.91	5.8	24.8	1710
\$030099		5.31	15.50	0.12	1.2	0.211	3.89	10.3	16.7	1.10	763	4.62	1.64	4.9	22.9	1100
\$030100		0.20	0.43	0.05	0.1	0.009	0.05	1.4	2.3	3.01	158	0.25	0.03	0.1	0.8	90
\$030101		4.28	16.05	0.12	1.3	0.254	3.59	9.8	19.4	1.31	843	2.78	1.89	5.1	20.8	1020
\$030102		4.27	19.15	0.12	1.4	0.222	3.93	14.8	26.8	1.71	1140	7.17	1.62	5.7	27.4	1340
\$030103		3.84	18.55	0.13	1.2	0.125	4.15	9.8	26.2	1.91	898	3.90	1.36	4.7	20.8	1160
\$030104		4.07	16.35	0.12	1.2	0.085	2.97	11.6	34.6	2.62	1190	6.05	2.22	4.7	19.6	860
\$030105		4.37	17.10	0.13	1.5	0.085	2.72	14.4	31.4	2.89	1320	6.65	2.88	5.2	60.3	1070
\$030106		4.49	18.45	0.15	1.5	0.095	2.81	14.3	45.8	3.56	1430	15.50	1.81	4.9	37.8	960
\$030106CD		4.28	17.75	0.16	1.5	0.076	2.95	14.6	42.5	3.46	1400	15.10	1.94	4.9	36.1	970
\$030107		3.51	16.50	0.12	1.4	0.057	3.62	10.4	43.6	3.38	1180	11.60	1.69	4.6	43.8	1040
\$030108		3.84	13.45	0.14	1.6	0.110	2.13	10.8	56.2	8.81	1780	20.0	0.96	3.6	22.4	850
\$030109		2.48	18.85	0.15	1.6	0.066	4.26	11.8	49.9	4.46	1440	22.8	1.85	5.7	20.7	1020
\$030110		4.43	11.70	0.10	0.8	0.039	2.65	12.3	9.7	0.36	221	4.33	0.19	5.1	13.1	1270
\$030111		2.91	19.20	0.12	1.3	0.017	4.07	7.5	36.4	1.90	1150	4.59	2.07	5.3	18.7	980
\$030112		3.50	17.45	0.14	1.1	0.010	4.10	8.4	26.4	1.56	1020	2.73	2.57	4.9	16.9	870
\$030113		3.55	18.30	0.13	1.2	0.012	3.97	12.8	25.2	1.77	1020	2.22	2.32	5.2	17.4	1080
\$030114		3.34	17.70	0.14	1.3	0.019	3.56	10.0	32.2	1.93	1180	4.21	2.09	5.0	19.4	1070
\$030115		2.97	17.55	0.11	1.2	0.017	3.58	7.3	25.1	1.51	1020	1.79	2.40	5.4	16.6	930
\$030116		3.73	16.35	0.14	1.2	0.017	4.12	10.6	22.4	1.32	851	1.54	2.03	4.7	17.2	760
\$030117		3.03	17.10	0.14	1.3	0.013	3.66	8.5	28.0	1.42	942	1.97	2.38	4.8	18.0	850
\$030118		2.84	18.25	0.12	1.4	0.020	3.49	9.0	31.0	1.46	1120	2.31	2.30	5.5	17.2	890
\$030119		3.17	16.85	0.14	1.4	0.015	4.03	10.9	31.2	1.55	1140	3.80	1.97	5.0	22.1	1090
\$030120		0.11	0.34	0.09	<0.1	0.006	0.04	1.3	1.2	2.50	134	0.17	0.04	0.1	0.7	90
\$030121		5.02	16.70	0.16	1.6	0.016	3.48	12.2	37.1	2.28	1230	4.01	1.98	5.4	19.1	1070
\$030122		3.70	17.25	0.15	1.7	0.017	4.32	12.2	27.6	1.74	906	2.24	2.30	6.1	19.1	890
\$030123 \$030124 \$030125 \$030126 \$030126CD		3.74 1.62 3.91 4.80 4.80	16.90 16.00 12.60 5.27 5.15	0.15 0.11 0.08 <0.05 <0.05	1.9 1.4 1.2 0.7	0.020 0.010 0.145 0.186 0.195	4.42 4.18 1.87 0.26 0.27	12.6 5.6 9.5 3.0 3.0	33.5 39.9 72.8 34.0 33.8	2.07 1.94 8.68 13.00 12.90	1180 991 2050 1760 1820	4.39 2.61 16.85 5.83 5.69	1.68 2.46 0.63 0.09 0.10	6.2 5.5 3.1 1.0 1.1	20.7 14.3 28.4 9.0 9.0	890 1010 1360 1230 1270



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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Project: Bowser Regional Project

(ALS	,								CERTIFICATE OF ANALYS				YSIS	VA202		
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030089		80.4	125.0	<0.002	3.80	2.24	11.4	7	2.6	243	0.32	<0.05	2.60	0.352	2.71	1.3
\$030090		8610	133.0	0.009	2.94	69.4	10.2	3	3.7	133.0	0.29	0.24	3.20	0.251	3.06	1.7
\$030091		43.4	101.5	0.002	4.59	2.17	12.4	4	1.5	260	0.34	<0.05	2.94	0.370	2.38	1.2
\$030092		23.6	103.5	<0.002	2.84	1.97	11.0	3	1.4	254	0.30	<0.05	2.15	0.334	2.20	1.4
\$030093		16.6	106.0	0.002	3.19	1.96	10.8	2	1.1	286	0.33	<0.05	2.74	0.384	2.19	1.2
\$030094		29.1	109.5	0.003	4.22	2.21	11.2	3	1.4	238	0.32	<0.05	2.64	0.349	2.24	1.6
\$030095		33.8	110.5	<0.002	3.86	2.57	12.6	3	1.8	299	0.37	<0.05	2.78	0.388	2.36	1.6
\$030096		47.0	96.7	0.010	3.66	2.64	14.5	4	2.4	310	0.29	<0.05	3.54	0.337	1.29	2.0
\$030097		32.0	73.8	0.011	4.68	2.71	11.9	4	2.0	370	0.25	0.05	2.74	0.265	1.21	1.7
\$030098		54.5	118.5	0.014	3.13	3.30	12.7	4	2.1	302	0.36	<0.05	3.03	0.342	1.91	2.4
\$030099		717	107.0	0.003	5.18	3.08	10.5	7	1.4	288	0.30	<0.05	2.58	0.310	1.94	1.5
\$030100		7.0	1.6	<0.002	0.07	0.25	0.3	1	<0.2	74.7	<0.05	<0.05	0.10	0.009	0.04	0.1
\$030101		27.0	99.8	<0.002	3.42	2.89	11.5	2	1.3	310	0.32	0.05	2.73	0.329	1.78	1.6
\$030102		94.5	100.5	0.012	1.69	3.53	14.7	2	1.1	318	0.35	<0.05	3.31	0.361	1.98	2.0
\$030103		69.1	115.0	0.004	2.36	5.10	11.3	6	1.4	283	0.29	<0.05	2.47	0.357	2.50	1.5
\$030104		66.6	68.0	0.004	2.50	2.59	10.1	11	2.2	405	0.28	<0.05	2.46	0.327	1.65	2.0
\$030105		51.0	50.1	0.010	2.33	2.45	13.8	13	2.6	461	0.30	<0.05	2.97	0.359	1.21	2.3
\$030106		63.7	71.5	0.014	2.54	3.17	13.7	13	2.5	417	0.28	<0.05	3.41	0.333	1.61	3.0
\$030106CD		60.4	74.5	0.019	2.40	2.82	12.6	12	2.4	436	0.29	<0.05	3.52	0.338	1.68	3.0
\$030107		22.7	72.4	0.013	1.95	2.48	11.0	10	2.0	423	0.28	<0.05	2.20	0.342	1.82	2.5
\$030108		17.7	56.5	0.045	1.43	3.66	12.9	13	2.2	299	0.20	<0.05	3.16	0.244	1.10	4.8
\$030109		23.2	93.5	0.049	0.65	3.90	12.7	5	2.8	408	0.34	<0.05	3.88	0.348	2.19	4.0
\$030110		52.0	114.0	<0.002	4.03	30.8	13.0	5	1.7	129.0	0.25	0.33	2.47	0.290	2.32	0.9
\$030111		31.1	94.3	0.010	1.67	2.58	10.4	11	1.6	417	0.32	<0.05	3.04	0.332	2.39	1.9
\$030112		32.3	94.5	0.002	2.32	3.43	9.6	10	1.8	379	0.29	<0.05	2.67	0.333	2.30	1.5
\$030113		30.3	95.7	0.004	2.00	1.58	10.3	11	1.8	357	0.31	<0.05	2.98	0.355	2.36	1.7
\$030114		46.7	85.4	0.014	2.04	2.04	12.1	10	1.7	340	0.30	<0.05	3.10	0.332	2.35	1.6
\$030115		32.1	89.4	0.002	1.99	1.76	10.3	10	1.7	336	0.33	<0.05	2.64	0.347	2.39	1.4
\$030116		35.2	112.5	<0.002	3.13	2.90	9.8	15	1.6	316	0.29	<0.05	2.94	0.316	2.67	1.6
\$030117		77.2	102.0	0.002	2.25	4.26	10.0	11	1.8	334	0.32	<0.05	2.86	0.321	2.45	1.6
\$030118		204	98.6	0.004	1.95	1.80	10.5	11	1.6	325	0.35	<0.05	2.97	0.326	2.52	2.0
\$030119		45.0	116.5	0.011	2.26	1.89	11.9	12	1.6	343	0.33	<0.05	3.23	0.314	2.78	1.9
\$030120		1.1	1.5	0.002	0.02	0.11	0.2	1	<0.2	83.4	<0.05	<0.05	0.10	0.007	0.06	0.1
\$030121		54.8	89.9	0.006	3.63	4.54	12.6	20	1.6	279	0.36	<0.05	3.52	0.304	2.26	2.3
\$030122		41.0	100.5	0.002	2.22	1.62	10.9	11	1.5	343	0.40	<0.05	4.69	0.333	2.34	2.3
S030123 S030124 S030125 S030126 S030126CD		42.7 73.8 23.7 4.8 5.6	93.3 108.5 52.3 9.9 10.0	0.005 0.003 0.103 0.037 0.033	2.18 0.43 1.16 0.87 0.88	1.81 3.13 16.65 8.89 8.91	10.6 12.8 15.7 6.1 6.1	11 3 6 4 3	1.6 1.4 1.9 0.7	294 294 222 164.0 172.0	0.39 0.35 0.20 0.06 0.06	<0.05 <0.05 <0.05 <0.05 <0.05	4.66 2.72 2.23 0.93 0.95	0.305 0.347 0.220 0.066 0.069	2.74 2.24 0.91 0.18 0.17	2.4 1.5 3.0 2.5 2.5



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Project: Bowser Regional Project

									С	ERTIFIC	CATE O	LYSIS	VA20201547	
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$030089 \$030090 \$030091 \$030092 \$030093		119 122 138 111 130	3.5 3.4 3.8 3.4 3.2	12.5 7.7 12.8 11.0 12.9	153 1820 84 38 37	38.3 37.3 31.5 36.6 33.1					24.4 27.3 23.3 25.1 24.4	0.5 0.4 0.4 0.4 0.5	125 77 108 127 143	
\$030094 \$030095 \$030096 \$030097 \$030098		124 136 134 118 139	3.9 4.1 3.9 3.9 4.6	11.9 13.7 22.1 17.5 16.3	30 34 60 63 41	39.5 43.7 49.7 41.6 57.2					25.2 24.4 18.7 17.5 20.0	0.4 0.5 0.4 0.4 0.4	123 121 102 104 116	
\$030099 \$030100 \$030101 \$030102 \$030103		115 4 120 138 129	3.9 0.1 3.5 4.1 3.4	11.5 2.0 10.7 13.4 12.1	613 14 46 153 326	43.8 2.1 41.2 47.3 39.6					22.8 3.8 23.4 22.2 21.0	0.4 <0.1 0.5 0.4 0.4	115 7 121 108 111	
\$030104 \$030105 \$030106 \$030106CD \$030107		111 140 140 138 128	2.0 1.4 2.2 2.0 2.1	13.4 19.2 18.6 18.0 15.7	180 275 337 327 187	40.1 50.3 49.6 48.5 49.4					22.1 22.3 20.8 21.1 23.1	0.3 0.4 0.4 0.4 0.4	121 103 89 96 99	
\$030108 \$030109 \$030110 \$030111 \$030112		146 152 136 125 122	1.6 2.2 2.0 2.3 2.2	17.8 18.9 7.7 14.0 10.9	232 174 195 147 107	60.0 50.3 29.0 38.5 34.8					21.2 22.4 33.1 24.7 26.6	0.3 0.4 0.4 0.4 0.3	75 91 76 145 128	
\$030113 \$030114 \$030115 \$030116 \$030117		119 117 117 112 111	2.6 2.5 2.4 2.7 2.9	14.0 15.0 13.3 10.9 11.3	146 168 127 109 199	39.1 41.8 39.9 41.7 42.9					24.9 24.6 24.3 25.2 27.0	0.4 0.4 0.4 0.4 0.4	137 126 156 162 137	
\$030118 \$030119 \$030120 \$030121 \$030122		115 125 2 133 108	2.5 2.9 <0.1 2.8 2.8	12.4 13.4 2.2 15.0 14.9	630 139 4 177 146	49.9 48.0 1.7 52.5 61.8					27.0 25.2 2.9 24.1 25.0	0.4 0.4 0.1 0.3 0.4	149 128 9 126 154	
\$030123 \$030124 \$030125 \$030126 \$030126CD		100 115 122 78 79	3.3 4.3 2.9 1.2 1.2	19.3 16.9 10.8 5.2 5.4	167 229 354 389 389	66.2 53.5 52.8 43.7 47.7					22.9 27.8 21.4 20.5 20.1	0.3 0.4 0.2 0.1 <0.1	111 129 99 92 85	



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To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20201547

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Project: Bowser Regional Project

									CERTIFICATE OF ANALTSIS			VA20201347				
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030127		3.20	0.615	0.46	4.09	5.1	170	0.78	0.04	6.37	0.49	12.45	19.3	14	2.85	456
\$030128		4.98	0.212	0.42	7.53	5.2	1350	1.36	0.10	2.34	0.55	31.1	10.0	31	5.08	66.3
\$030129		5.62	0.138	0.21	7.82	3.2	2330	1.40	0.09	1.22	0.33	23.9	8.9	34	4.29	32.7
\$030130		0.16	0.949	11.50	6.14	316	430	1.01	0.15	3.69	4.41	23.9	10.0	26	6.32	83.8
\$030131		5.00	0.203	0.29	7.45	3.5	1280	1.14	0.10	0.83	0.98	29.5	12.1	32	3.04	44.7
\$030132		3.78	0.225	0.54	7.56	2.6	1620	1.39	0.07	1.50	10.55	29.3	12.3	33	2.82	73.6
\$030133		1.88	0.185	3.17	7.97	3.4	900	1.50	0.06	2.60	2.59	26.2	5.1	31	3.84	70.8
\$030134		2.10	0.642	1.14	2.87	4.6	80	0.50	0.07	7.44	0.51	5.58	13.7	7	0.53	344
\$030135		3.60	0.576	6.69	7.16	5.9	240	1.38	0.20	3.45	0.33	34.8	19.9	25	1.12	1260
\$030136		3.62	0.258	0.93	6.91	3.6	630	1.14	0.04	5.83	0.30	18.45	7.5	33	5.55	173.0
\$030137		2.28	0.357	1.57	6.28	5.2	480	1.15	0.04	6.76	0.44	11.75	27.0	20	4.05	377
\$030138		3.62	0.164	0.30	7.49	5.4	1390	1.64	0.04	6.48	0.43	19.40	9.7	34	8.47	84.1
\$030139		4.34	0.072	0.20	7.63	2.6	1990	1.58	0.05	3.84	0.21	19.15	5.8	37	8.95	29.8
\$030140		1.02	<0.005	0.01	0.11	0.2	50	0.08	0.01	34.3	<0.02	1.04	0.6	1	0.06	2.4
\$030141		6.06	0.326	1.33	8.19	9.9	880	1.47	0.07	2.53	0.30	25.5	20.0	38	9.36	138.5
\$030142		5.94	0.575	1.98	8.01	9.4	910	1.04	0.08	3.17	0.27	25.4	23.2	38	7.30	197.5
\$030143		5.82	0.423	1.63	7.85	16.1	830	1.19	0.05	4.01	0.20	25.0	21.7	38	8.66	164.5
\$030144		5.86	0.134	1.00	7.61	14.1	1250	1.14	0.09	3.05	0.17	20.3	11.5	41	8.25	95.8
\$030145		5.48	0.805	1.06	6.86	10.8	310	1.20	0.04	3.87	0.36	23.8	36.8	40	7.03	27.4
\$030146		4.98	0.203	0.89	7.64	15.8	450	1.13	0.13	2.43	0.28	25.4	24.8	44	7.07	44.0
\$030146CD		<0.02	0.223	0.97	7.42	16.2	400	1.16	0.13	2.44	0.29	25.1	25.7	44	7.18	44.5
\$030147		6.48	0.381	1.30	7.40	9.9	1120	1.04	0.10	2.76	0.21	19.50	19.3	45	5.20	137.0
\$030148		6.18	0.278	1.30	7.41	7.0	370	0.90	0.11	2.27	0.18	19.00	12.1	42	3.98	119.0
\$030149		6.32	0.209	1.09	7.86	5.5	1050	1.06	0.09	2.41	0.23	28.8	12.4	38	4.32	84.1
\$030150		0.14	5.92	82.9	6.27	291	380	0.95	1.09	2.02	23.1	25.4	10.5	22	7.34	119.5



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Project: Bowser Regional Project

(ALS)									CERTIFICATE OF ANALYSIS VA2020154							•
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030127 \$030128 \$030129 \$030130 \$030131		5.56 3.26 2.71 3.99 3.55	10.85 16.90 16.90 12.45 16.15	0.05 0.11 0.12 0.12 0.16	0.8 1.8 1.6 1.1	0.102 0.015 0.009 0.043 0.010	0.98 3.43 4.39 3.86 4.32	5.5 14.7 9.3 12.0 14.5	62.1 23.4 22.2 13.3 27.2	9.15 1.91 1.51 0.56 1.55	1820 1070 772 1400 782	12.50 4.76 2.27 9.25 2.77	0.16 2.03 2.22 0.21 2.32	2.5 5.7 5.1 4.6 5.1	17.8 14.4 14.5 20.0 18.2	1070 810 810 920 910
\$030132		3.36	17.50	0.15	1.9	0.014	2.57	14.7	32.6	2.01	891	3.29	3.20	5.7	27.4	910
\$030133		2.30	17.20	0.11	1.8	0.051	2.67	15.0	56.7	4.48	1200	5.91	1.98	5.1	13.3	1160
\$030134		4.89	7.29	0.08	0.8	0.537	0.04	3.2	36.2	14.65	1800	35.6	0.03	1.8	12.3	1860
\$030135		7.80	14.05	0.12	1.7	0.248	0.20	21.4	119.0	13.80	3020	9.73	0.03	4.8	22.6	1590
\$030136		3.96	15.15	0.11	1.3	0.103	2.53	6.9	43.6	4.19	1440	5.78	0.91	3.7	17.1	970
\$030137		5.82	14.65	0.10	1.3	0.051	2.11	3.5	72.4	5.62	1560	18.15	0.15	3.8	32.9	1000
\$030138		1.91	17.55	0.11	1.2	0.016	3.85	5.0	31.5	2.01	1200	35.2	0.03	4.8	19.2	1130
\$030139		1.66	19.20	0.13	1.3	0.012	4.41	5.2	25.2	1.44	804	6.38	0.03	5.4	26.8	1090
\$030140		0.15	0.34	0.07	<0.1	0.006	0.03	1.1	1.5	2.13	161	0.19	0.03	0.1	1.0	70
\$030141		3.34	20.5	0.15	1.3	0.015	4.63	7.0	26.2	1.72	683	5.30	0.03	5.5	24.7	1230
\$030142		4.24	19.10	0.16	1.3	0.014	4.65	7.0	26.2	1.74	803	10.65	0.32	5.2	22.2	1250
\$030143		4.72	18.05	0.16	1.4	0.014	4.24	7.7	25.4	1.71	742	8.37	0.32	5.2	23.2	1240
\$030144		2.79	14.65	0.14	1.2	0.016	4.41	6.2	22.1	1.22	680	19.65	0.67	4.7	11.8	850
\$030145		4.60	15.70	0.17	1.1	0.007	4.20	6.8	22.6	1.23	735	24.6	0.57	4.9	14.8	1070
\$030146		4.46	16.05	0.14	1.0	0.015	4.36	7.7	20.1	1.13	633	6.53	0.98	3.8	19.2	820
\$030146CD		4.44	16.10	0.16	1.0	0.015	4.34	7.4	20.7	1.11	633	6.31	0.99	3.9	19.3	820
\$030147		4.17	17.50	0.17	1.1	0.019	4.49	5.9	23.3	1.36	922	8.70	1.29	4.5	16.1	870
\$030148		5.13	19.55	0.16	1.1	0.018	4.52	6.7	21.1	1.39	815	5.30	1.30	4.2	17.2	910
\$030149		4.05	17.80	0.15	1.0	0.013	3.80	14.5	24.0	1.55	873	8.53	2.11	4.8	22.1	1210
\$030150		4.79	12.60	0.13	1.2	1.385	3.70	13.2	14.4	0.48	1190	9.49	0.23	5.2	15.9	970



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Project: Bowser Regional Project

(ACS)									CERTIFICATE OF ANALYSIS VA20201547								
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U	
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	
\$030127		5.6	40.5	0.063	2.38	4.69	7.8	11	1.3	257	0.16	<0.05	2.21	0.169	0.66	3.0	
\$030128		25.7	97.1	0.015	2.19	4.04	9.4	13	1.6	289	0.39	<0.05	3.99	0.302	2.13	2.1	
\$030129		22.1	108.0	<0.002	1.63	2.75	9.1	8	1.4	343	0.35	<0.05	3.60	0.297	2.44	1.9	
\$030130		152.0	167.0	0.011	2.80	17.30	10.7	2	1.4	190.5	0.27	0.30	2.76	0.257	3.06	1.5	
\$030131		41.7	106.5	0.002	2.29	2.18	9.2	13	1.2	328	0.34	<0.05	4.53	0.274	2.38	2.4	
\$030132		146.0	76.5	0.004	1.87	2.96	11.4	10	1.2	473	0.37	<0.05	4.98	0.311	1.66	2.2	
\$030133		50.3	86.0	0.015	0.71	6.97	12.8	4	1.7	408	0.32	<0.05	2.38	0.331	1.74	2.2	
\$030134		6.8	1.5	0.165	1.72	1.33	5.8	6	1.1	195.5	0.12	<0.05	1.38	0.106	0.05	5.3	
\$030135		22.2	7.4	0.068	2.25	1.14	10.6	15	2.2	104.5	0.30	0.05	2.93	0.297	0.17	2.6	
\$030136		12.6	123.0	0.027	2.29	3.95	10.0	10	1.8	208	0.25	<0.05	2.67	0.281	1.55	2.6	
\$030137 \$030138 \$030139 \$030140 \$030141		7.1 9.2 6.8 0.5 18.9	88.7 144.5 149.0 1.1 160.5	0.109 0.192 0.014 <0.002 0.017	3.61 0.86 0.75 0.01 2.03	2.54 5.08 5.63 0.11 5.42	9.5 10.6 11.1 0.2 12.7	17 3 2 1	1.8 1.8 1.8 <0.2 1.6	166.0 148.5 392 85.0 96.2	0.24 0.30 0.33 <0.05 0.33	<0.05 <0.05 <0.05 <0.05 <0.05	2.54 2.56 2.31 0.09 3.26	0.268 0.346 0.384 0.007 0.392	1.34 2.42 2.89 0.02 2.85	2.4 1.6 1.5 0.1 1.6	
\$030142 \$030143 \$030144 \$030145 \$030146		29.1 25.9 23.4 44.4 42.7	155.0 155.5 154.0 127.5 152.5	0.047 0.024 0.037 0.033 0.020	2.82 3.34 1.83 4.01 3.80	7.20 6.17 6.15 5.16 3.85	12.4 13.3 10.0 11.5 11.7	14 17 7 19 16	1.7 1.7 1.5 1.6 1.6	135.0 102.0 131.0 134.5 140.0	0.32 0.33 0.30 0.29 0.26	<0.05 <0.05 <0.05 <0.05 0.07	2.95 3.16 2.35 1.93 2.46	0.389 0.385 0.346 0.345 0.327	2.77 2.63 2.70 2.70 2.74	1.4 1.7 1.5 1.3	
S030146CD		43.1	149.5	0.020	3.86	4.09	11.8	15	1.6	141.5	0.27	0.06	2.34	0.325	2.74	1.2	
S030147		18.9	128.5	0.056	2.66	3.61	10.1	11	1.7	193.0	0.28	<0.05	2.09	0.345	2.67	1.3	
S030148		22.4	107.0	0.007	3.72	3.87	10.4	18	1.5	195.5	0.27	<0.05	2.04	0.334	2.83	1.2	
S030149		20.3	119.5	0.003	2.60	3.04	12.1	14	1.9	221	0.29	<0.05	2.74	0.362	2.29	1.1	
S030150		8820	154.0	0.004	3.00	75.7	11.7	3	3.8	142.5	0.30	0.27	3.24	0.254	3.01	1.8	



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Project: Bowser Regional Project

(ALS)									С	ERTIFIC	VA20201547			
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$030127 \$030128 \$030129 \$030130 \$030131		115 94 95 107 90	2.5 4.1 3.6 4.8 2.5	7.9 9.7 8.7 7.7 10.3	304 112 95 481 137	31.1 67.2 59.0 38.7 69.5					18.7 24.8 27.3 28.0 27.3	0.3 0.4 0.5 0.4 0.4	63 157 146 81 137	
\$030132 \$030133 \$030134 \$030135 \$030136		105 119 130 136 121	2.7 19.0 2.2 3.1 4.1	16.7 15.4 6.3 13.7 13.2	405 214 534 482 151	70.6 66.8 133.0 80.0 39.8					25.9 25.1 20.0 15.2 23.7	0.4 0.4 0.1 0.2 0.3	134 148 160 114 94	
\$030137 \$030138 \$030139 \$030140 \$030141		139 133 127 2 127	3.4 6.4 5.7 0.1 5.5	12.3 11.4 7.8 2.0 8.7	147 105 70 4 93	48.3 38.3 40.7 1.7 41.9					19.6 24.6 3.6 26.0	0.3 0.5 <0.1 0.5	97 109 9 117	
\$030142 \$030143 \$030144 \$030145 \$030146		130 138 113 123 141	4.0 4.1 5.6 6.2 5.6	9.3 8.3 6.7 7.5 6.3	101 99 70 83 73	40.3 46.3 40.1 36.8 32.7					25.0 22.6 26.9 23.9 26.1	0.5 0.4 0.5 0.4 0.4	114 115 110 148 143	
\$030146CD \$030147 \$030148 \$030149 \$030150		142 124 128 131 124	5.7 3.8 4.8 5.6 3.8	6.3 6.9 7.2 8.6 8.9	73 91 88 90 1860	33.1 36.4 34.6 34.8 42.7					26.4 26.2 24.6 23.8 26.7	0.4 0.5 0.5 0.4 0.3	131 142 158 123 82	



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CERTIFICATE	OF ANALYSIS	VA20201547
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		CERTIFICATE COM	IMENTS	
		ANALY	TICAL COMMENTS	
	REEs may not be totally solub			
Applies to Method:	ME-MS61			
		LABOR	ATORY ADDRESSES	
	Processed at ALS Vancouver I	ocated at 2103 Dollarton Hwy, No		
Applies to Method:	Ag-OG62	Au-AA23	BAG-01	CRU-31
	CRU-QC	Cu-OG62	LOG-21	LOG-21d
	LOG-23	ME-MS61	ME-OG62	Pb-OG62
	PUL-32m SPL-21	PUL-32md SPL-21d	PUL-QC WEI-21	pXRF-34 Zn-OG62
	3FL-2 I	SPL-21u	WEI-2 I	211-0002



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27-JAN-2021 Account: PREBOW

## VA20203754

Project: Bowser Regional Project

P.O. No.: BOW-1119

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 14-SEP-2020.

The following have access to data associated with this certificate:

9		
CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
STEPHAINE WAFFORN		

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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**CERTIFICATE OF ANALYSIS VA20203754** 

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									CERTIFICATE OF ANALTSIS		-1313	3 VAZ0Z03734				
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030451		1.28	0.220	0.54	8.24	17.2	2290	0.83	0.03	3.83	0.46	15.90	5.2	9	2.05	73.5
\$030452		4.90	0.181	1.01	9.10	25.9	3320	1.40	0.03	1.21	0.29	17.10	12.2	8	6.87	218
\$030453		3.16	0.274	1.42	8.71	13.9	3600	1.02	0.04	1.45	0.28	20.4	13.8	10	4.96	169.5
\$030454		3.60	0.277	0.89	8.27	14.1	3690	0.90	0.03	1.69	0.27	16.55	9.4	11	5.00	107.0
\$030455		6.00	0.343	1.18	8.39	21.5	3440	1.00	0.03	2.10	0.49	17.80	18.6	13	3.84	239
\$030456		5.04	0.237	1.16	8.00	19.6	3190	0.90	0.04	2.31	0.32	17.20	13.9	12	2.28	166.0
\$030457		4.88	0.281	1.30	8.31	16.2	3370	0.88	0.04	2.47	0.31	16.05	11.1	15	2.26	148.0
\$030458		4.70	0.323	1.05	9.14	17.7	3540	0.91	0.06	2.72	0.35	17.70	10.7	16	3.02	136.0
\$030459		4.00	0.221	0.96	7.91	11.5	3600	0.92	0.05	1.86	0.23	16.45	8.3	13	3.72	87.4
\$030460		0.54	<0.005	0.01	0.07	0.7	20	0.07	0.01	34.2	0.02	1.00	0.7	1	<0.05	1.6
\$030461		4.98	0.316	1.67	8.65	11.2	1800	1.28	0.08	2.30	0.90	17.40	22.6	16	7.96	580
\$030462		3.30	0.173	1.37	9.14	13.6	2320	1.28	0.07	1.52	1.43	18.45	20.5	15	6.41	477
\$030463		4.24	0.151	0.91	8.35	14.0	4850	1.08	0.05	2.46	0.95	16.00	16.1	15	4.79	395
\$030464		4.60	0.194	0.89	8.39	8.4	4080	1.21	0.04	2.69	1.20	16.85	17.6	16	5.22	331
\$030465		6.32	0.306	1.14	7.89	14.6	3650	0.92	0.04	3.72	0.70	16.65	21.2	18	3.77	449
\$030466		5.70	0.184	1.16	7.53	15.5	1510	0.99	0.03	3.53	0.35	13.40	22.8	18	2.38	365
\$030466CD		<0.02	0.182	0.97	7.86	15.7	1420	1.01	0.03	3.55	0.40	14.50	23.2	16	2.49	366
\$030467		4.70	0.158	0.63	7.28	9.1	3690	0.95	0.02	3.17	0.55	15.35	19.7	18	2.61	239
\$030468		6.56	0.139	0.53	7.90	16.4	3400	1.09	0.03	4.49	0.60	15.60	19.9	14	1.95	189.0
\$030469		6.34	0.196	0.87	8.31	8.2	3700	0.80	0.03	3.53	0.49	15.50	19.6	13	2.42	354
\$030470 \$030471 \$030472 \$030473 \$030474		0.18 6.32 5.74 6.06 5.78	0.886 0.174 0.162 0.349 0.134	12.10 0.83 0.67 0.93 0.64	6.15 7.97 7.96 7.66 7.57	318 9.2 7.0 7.3 11.3	290 3320 2960 2120 2100	1.18 0.82 0.81 0.92 0.84	0.16 0.02 0.02 0.02 0.02 0.03	3.72 3.36 3.01 3.19 3.41	3.97 0.74 0.41 0.43 0.65	23.9 15.20 15.00 13.10 13.30	9.8 22.5 24.2 17.5 14.8	26 20 16 14 17	6.63 2.04 2.28 2.84 2.73	88.9 339 270 392 237
\$030475		6.06	0.290	0.85	7.81	10.8	2480	0.95	0.04	3.39	0.78	14.00	20.8	15	3.44	261
\$030476		6.06	0.183	0.80	7.42	9.9	2350	0.89	0.04	3.94	0.74	14.85	17.0	14	2.62	251
\$030477		5.64	0.260	1.25	7.32	40.6	2820	0.56	0.04	4.70	0.92	15.50	22.4	14	2.46	430
\$030478		6.00	0.398	1.22	6.98	18.7	2120	0.66	0.04	3.90	1.92	14.45	20.9	14	2.38	485
\$030479		5.38	0.183	0.72	7.21	8.9	3240	0.69	0.03	3.94	1.20	13.30	21.4	21	1.96	256
\$030480		0.48	<0.005	0.01	0.11	0.9	30	0.09	0.01	32.4	<0.02	0.95	0.9	1	<0.05	4.0
\$030481		5.56	0.203	1.07	7.61	21.8	3000	0.90	0.04	4.47	1.36	15.10	23.8	20	1.78	360
\$030482		4.78	0.183	1.00	7.73	16.2	2650	0.97	0.04	4.38	0.69	14.90	18.5	14	1.71	360
\$030483		4.48	0.172	1.12	7.06	61.3	540	0.81	0.04	5.74	0.45	15.10	19.7	13	8.53	233
\$030484		4.46	0.135	0.73	7.41	28.4	2790	0.67	0.04	3.05	0.63	12.25	17.5	16	3.29	247
\$030485		4.96	0.118	0.66	7.40	10.9	3070	0.80	0.03	3.33	0.63	12.70	20.3	15	2.12	233
\$030486		5.38	0.172	0.65	7.88	10.7	1490	0.83	0.04	2.97	0.70	14.10	20.9	17	4.68	206
\$030486CD		<0.02	0.171	0.62	7.35	11.5	1010	0.85	0.04	2.89	0.70	12.10	20.9	16	4.64	207
\$030487		6.36	0.151	0.90	7.60	28.0	2830	0.76	0.05	4.18	0.62	16.45	18.8	16	4.34	226
\$030488		1.94	0.070	2.28	2.87	52.6	960	0.19	0.02	19.65	11.25	24.4	6.8	10	2.17	36.8



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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	03754	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030451		4.67	16.85	0.15	0.6	0.023	4.97	8.6	16.8	1.04	1410	2.83	1.42	9.9	5.9	1790
\$030452		5.33	17.40	0.17	0.7	0.036	5.15	9.5	35.6	1.81	1550	6.54	1.07	11.8	5.9	2370
\$030453		5.49	15.80	0.19	0.6	0.041	4.87	11.9	26.3	1.42	1420	10.15	1.24	9.2	6.4	2040
\$030454		4.79	15.25	0.18	0.6	0.033	4.68	9.9	25.1	1.51	1340	9.40	1.35	8.9	5.0	1940
\$030455		5.32	16.30	0.18	0.6	0.060	5.23	9.9	28.2	1.73	1580	24.8	1.41	10.4	6.8	2070
\$030456		4.80	15.15	0.20	0.6	0.077	4.99	9.6	21.3	1.54	1470	17.05	1.78	9.1	6.2	1940
\$030457		5.59	15.55	0.19	0.6	0.082	5.23	7.8	20.1	1.59	1600	15.30	1.89	8.1	6.8	1990
\$030458		5.53	15.35	0.18	0.5	0.079	4.96	9.6	15.3	1.16	1470	13.60	1.97	7.3	7.5	2040
\$030459		4.24	14.40	0.19	0.6	0.071	4.24	8.4	11.9	0.91	1060	4.91	1.86	7.5	5.5	1700
\$030460		0.13	0.26	0.12	<0.1	<0.005	0.02	1.2	1.2	1.91	143	0.10	0.03	0.1	0.5	80
\$030461		5.52	16.20	0.20	0.6	0.067	4.89	9.6	21.6	1.05	1310	59.0	1.31	8.0	12.5	1920
\$030462		4.91	16.40	0.21	0.6	0.046	5.06	10.8	22.8	1.09	1320	8.57	0.99	8.7	13.5	2050
\$030463		4.76	15.10	0.19	0.6	0.056	4.79	8.2	19.0	0.96	1340	13.30	1.28	8.2	11.0	1880
\$030464		5.72	15.60	0.18	0.6	0.074	5.20	7.8	21.2	1.24	1540	13.50	1.34	8.4	11.5	2040
\$030465		6.22	14.80	0.19	0.6	0.041	5.22	7.7	18.4	1.07	1470	67.8	1.30	6.3	11.6	1900
\$030466		6.18	15.45	0.18	0.6	0.044	4.40	5.9	18.4	1.52	1660	7.40	1.70	6.1	11.4	2070
\$030466CD		6.24	15.70	0.18	0.6	0.046	4.52	6.6	18.6	1.57	1680	7.07	1.74	6.3	11.5	2110
\$030467		5.71	14.50	0.16	0.5	0.089	4.57	6.9	23.3	2.66	2100	16.60	1.69	5.7	10.6	1940
\$030468		5.96	17.05	0.17	0.6	0.097	3.95	6.4	27.2	2.87	2400	15.50	1.74	6.8	10.5	2080
\$030469		6.08	15.60	0.19	0.5	0.063	4.42	6.9	20.3	2.62	2130	20.8	2.38	6.0	9.9	2030
\$030470		4.08	12.70	0.16	1.1	0.049	3.93	11.7	12.4	0.57	1420	9.19	0.22	4.7	20.3	920
\$030471		6.02	16.10	0.18	0.5	0.062	4.00	6.5	18.5	2.17	1960	20.6	2.75	6.3	12.5	1910
\$030472		5.74	15.25	0.19	0.5	0.059	4.08	6.6	18.9	2.02	1780	20.1	2.85	6.6	11.6	1890
\$030473		5.46	14.90	0.17	0.7	0.063	4.03	5.7	20.1	1.95	1760	73.0	2.83	6.4	9.7	2100
\$030474		5.01	14.60	0.21	0.7	0.068	4.34	5.7	17.3	1.68	1590	21.3	2.75	6.2	10.2	2310
\$030475 \$030476 \$030477 \$030478 \$030479		5.92 5.18 6.10 7.51 6.08	15.30 14.65 14.30 15.00 14.80	0.19 0.18 0.17 0.17 0.17	0.6 0.6 0.5 0.5	0.073 0.109 0.111 0.109 0.124	4.94 4.63 4.79 3.68 4.69	6.0 6.6 7.1 6.8 5.5	17.6 16.3 18.8 22.6 18.7	1.62 1.91 1.44 1.82 2.12	1680 1960 1610 1810 1960	17.20 27.7 125.5 35.4 18.15	2.24 2.22 1.75 1.76 1.70	6.0 6.2 5.8 5.3 5.6	10.8 9.8 11.3 12.1 12.6	2120 1950 1870 1790 1760
\$030480		0.16	0.41	0.12	0.1	0.006	0.03	1.0	1.4	3.43	139	0.84	0.05	0.2	0.8	100
\$030481		6.33	15.30	0.14	0.4	0.110	3.55	6.4	27.0	2.29	2050	37.6	1.59	4.9	15.2	1740
\$030482		5.34	15.80	0.15	0.6	0.083	3.62	6.5	16.8	2.16	1740	15.35	2.39	5.9	9.7	2010
\$030483		5.12	14.45	0.17	0.6	0.061	4.80	6.5	21.6	1.41	1580	6.76	1.32	5.7	10.2	1970
\$030484		5.21	13.70	0.16	0.6	0.055	4.39	5.4	22.4	1.92	1650	20.1	2.14	5.3	10.0	2000
S030485		5.47	15.65	0.18	0.6	0.095	4.54	5.3	19.5	2.17	2020	22.5	2.29	6.2	10.5	2090
S030486		5.39	15.45	0.14	0.5	0.030	4.08	6.8	28.3	1.61	1400	21.3	2.41	6.7	11.5	2000
S030486CD		5.31	15.85	0.14	0.5	0.031	3.96	5.7	28.9	1.54	1380	24.4	2.36	6.7	11.7	1960
S030487		5.61	15.40	0.14	0.6	0.114	3.48	8.6	27.8	1.79	1660	17.15	2.49	6.1	12.1	1770
S030488		2.26	5.61	0.12	0.2	0.031	1.87	13.4	9.6	0.55	3080	5.47	0.49	1.7	4.2	580



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

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(ALS)									C	ERTIFIC	CATE O	F ANAI	_YSIS	VA202	03754	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030451 \$030452 \$030453 \$030454 \$030455		14.0 10.7 13.9 14.1 13.1	108.5 136.0 120.5 111.0 116.5	0.006 0.046 0.045 0.027 0.105	0.03 0.38 0.27 0.34 0.49	7.72 2.90 3.28 4.39 6.16	23.7 31.3 27.3 26.1 26.8	1 4 3 5 4	1.2 1.5 1.5 1.1 1.6	1075 375 451 504 564	0.53 0.58 0.50 0.48 0.52	<0.05 <0.05 <0.05 <0.05 <0.05	2.09 2.24 2.27 2.13 2.09	0.261 0.324 0.297 0.296 0.295	1.05 1.61 1.42 1.30 1.17	0.8 0.9 0.9 0.9
\$030456		18.3	110.0	0.059	0.70	4.79	26.0	7	1.7	627	0.49	<0.05	1.94	0.289	1.00	0.9
\$030457		15.8	109.0	0.050	0.45	4.56	30.4	4	2.6	624	0.42	<0.05	1.68	0.347	1.04	1.0
\$030458		24.0	110.0	0.059	0.68	4.50	29.2	6	2.3	734	0.40	<0.05	1.82	0.363	1.10	0.9
\$030459		16.4	111.0	0.023	0.26	2.26	25.7	3	1.8	488	0.43	<0.05	1.97	0.297	1.10	1.0
\$030460		0.6	0.4	<0.002	<0.01	0.09	0.2	1	<0.2	81.4	<0.05	<0.05	0.07	0.005	<0.02	0.2
\$030461 \$030462 \$030463 \$030464 \$030465		19.1 33.4 18.5 14.6 15.9	126.0 127.5 113.5 125.5 113.5	0.476 0.072 0.128 0.123 0.493	1.87 1.31 0.95 0.61 1.08	1.96 2.94 2.82 2.78 4.65	27.7 29.0 25.2 27.7 31.9	12 11 7 5	1.8 1.1 1.7 2.3 2.1	333 408 427 476 752	0.44 0.49 0.47 0.47 0.33	<0.05 <0.05 <0.05 <0.05 <0.05	1.80 2.14 1.86 1.75 1.54	0.337 0.351 0.317 0.342 0.394	1.61 1.83 1.46 1.34 1.07	0.9 1.0 0.9 0.9 0.9
\$030466		16.2	87.9	0.076	1.87	5.71	28.7	12	1.6	1010	0.33	<0.05	1.31	0.369	0.81	0.9
\$030466CD		17.0	98.2	0.082	1.86	5.70	30.0	13	1.7	1010	0.33	<0.05	1.44	0.379	0.84	0.9
\$030467		10.3	99.8	0.126	0.73	2.23	28.8	4	2.4	548	0.31	<0.05	1.20	0.360	0.82	1.0
\$030468		19.0	68.8	0.119	0.72	5.54	28.9	6	2.3	1100	0.37	<0.05	1.19	0.403	0.73	0.8
\$030469		13.3	116.0	0.170	1.32	2.45	34.2	10	1.7	623	0.32	<0.05	1.39	0.421	0.82	0.6
\$030470		145.5	160.0	0.010	2.87	17.45	10.3	2	1.5	192.0	0.28	0.28	3.02	0.259	2.94	1.6
\$030471		9.9	90.3	0.158	1.00	2.55	31.6	6	2.1	622	0.33	<0.05	1.33	0.405	0.72	0.6
\$030472		8.1	100.5	0.164	0.93	1.64	31.0	5	2.1	446	0.35	<0.05	1.39	0.390	0.72	0.7
\$030473		8.9	87.9	0.562	0.72	1.90	27.1	4	2.0	512	0.36	<0.05	1.22	0.376	0.75	0.7
\$030474		62.9	96.3	0.213	0.67	2.39	26.6	3	2.6	480	0.34	<0.05	1.21	0.380	0.79	0.9
\$030475		15.6	119.5	0.149	1.42	3.34	26.5	7	2.8	563	0.32	<0.05	1.23	0.377	0.97	0.8
\$030476		15.6	106.0	0.270	0.98	2.42	25.7	5	3.2	480	0.33	<0.05	1.43	0.342	0.91	0.8
\$030477		17.4	103.5	1.310	1.42	2.14	25.5	7	3.1	358	0.31	<0.05	1.37	0.340	1.02	0.8
\$030478		12.8	97.4	0.267	1.00	2.15	24.4	5	3.1	420	0.30	<0.05	1.44	0.313	0.72	0.8
\$030479		12.3	93.9	0.128	0.78	2.09	25.7	5	2.9	517	0.30	<0.05	1.03	0.368	0.93	0.5
\$030480 \$030481 \$030482 \$030483 \$030484		0.9 42.7 14.9 11.2 8.8	0.7 82.0 83.1 142.5 107.5	0.008 0.428 0.143 0.079 0.252	<0.01 1.38 1.44 2.58 1.36	0.11 4.82 4.77 5.08 1.23	0.3 29.2 27.7 27.0 23.4	1 7 8 7 6	<0.2 3.3 2.9 2.1 1.9	77.1 966 924 283 304	<0.05 0.27 0.33 0.31 0.31	<0.05 <0.05 <0.05 <0.05 <0.05	0.08 1.04 1.40 1.30 1.16	0.008 0.390 0.354 0.346 0.357	0.02 0.74 0.75 1.25 0.94	0.1 0.5 0.8 0.8
\$030485		11.0	85.4	0.200	0.94	3.35	24.4	6	2.7	567	0.33	<0.05	1.06	0.370	0.98	0.7
\$030486		15.7	106.5	0.170	2.50	14.25	27.3	14	1.1	311	0.37	0.05	1.50	0.358	0.99	0.8
\$030486CD		16.4	93.5	0.212	2.46	14.35	25.5	14	1.4	301	0.39	<0.05	1.26	0.349	0.99	0.8
\$030487		10.7	116.5	0.228	1.29	4.45	27.0	7	3.2	326	0.32	<0.05	1.63	0.340	0.97	0.8
\$030488		3420	66.2	0.045	1.21	2.93	10.7	4	0.7	217	0.09	<0.05	0.36	0.133	0.56	0.2



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To: PRETIVM **SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET VANCOUVER BC V7X 1L4** 

Page: 2 - D Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 28-SEP-2020 **Account: PREBOW** 

(ALS	,								CERTIFICATE OF ANALYSIS VA20203754	1
									CERTIFICATE OF ANALYSIS VA20203754	+
	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34	
	Analyte	V	W	Υ	Zn	Zr	Si	Ti	Zr	
Sample Description	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
Sample Bescription	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5	
S030451		245	1.4	10.0	126	15.2	26.1	0.3	55	
S030452		261	3.3	13.4	210	20.8	24.5	0.4	53	
S030453		243	1.5	13.5	192	20.2	27.8	0.4	47	
S030454		244	1.0	10.2	154	19.7	26.5	0.4	49	
S030455		229	1.0	12.4	194	18.2	25.7	0.4	50	
S030456		232	1.1	11.9	154	15.7	26.8	0.4	51	
S030457		249	1.2	13.2	174	15.6	26.3	0.5	50	
S030458		253	1.2	13.1	159	14.8	25.7	0.4	50	
S030459		200	0.9	11.8	107	16.1	27.5	0.5	62	
S030460		1	<0.1	1.9	4	1.3	3.3	<0.1	8	
S030461		242	2.1	14.3	160	17.9	25.1	0.5	52	
S030462		247	2.7	14.6	180	19.3	25.5	0.6	55	
S030463		218	2.2	13.7	151	19.4	26.5	0.5	58	
S030464		231	1.5	14.2	173	16.7	23.6	0.5	57	
S030465		272	2.0	14.6	146	14.6	23.4	0.5	60	
S030466		267	1.5	12.9	141	19.9	23.6	0.5	67	
S030466CD		271	1.6	13.5	144	20.5	23.8	0.5	69	
S030467		242	1.4	14.9	162	13.5	23.1	0.5	62	
S030468		279	1.4	14.0	204	15.3	21.1	0.5	65	
S030469		284	1.1	14.7	174	11.1	22.4	0.5	55	
S030470		107	5.4	8.2	489	36.0	26.6	0.3	76	
S030471		288	1.3	14.6	192	12.7	22.5	0.5	56	
S030472		273	1.1	14.1	154	14.8	23.2	0.4	61	
S030473		256	1.0	13.2	144	20.4	24.3	0.4	57	
S030474		247	1.3	13.7	137	23.0	23.7	0.4	65	
S030475		240	1.2	14.7	172	16.7	23.9	0.5	65	
S030476		221	1.0	14.0	164	15.1	23.8	0.4	62	
S030477		216	1.4	14.1	169	14.1	21.4	0.4	57	
S030478		206	1.3	14.4	195	14.1	23.8	0.4	44	
S030479		226	1.0	13.8	176	12.6	23.3	0.5	59	
S030480		3	<0.1	2.1	5	2.0	4.4	<0.1	10	
S030481		224	1.9	16.4	197	11.6	21.5	0.5	65	
S030482		252	1.1	14.0	130	17.1	23.5	0.4	63	
S030483		236	3.8	15.6	98	17.0	21.8	0.4	52	
S030484		229	1.3	12.8	156	15.0	23.1	0.5	61	
S030485		237	0.9	13.0	182	17.0	22.6	0.4	62	
S030486		229	1.3	13.5	139	17.3	22.3	0.5	59	
S030486CD		224	1.4	12.2	138	17.6	20.7	0.4	58	
S030487		222	2.8	15.4	155	17.0	22.4	0.4	59	
S030488		83	2.5	35.5	1010	4.3	13.4	0.2	21	



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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**CERTIFICATE OF ANALYSIS VA20203754** 

Page: 3 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 28-SEP-2020 Account: PREBOW

									CERTIFICATE OF ANALESIS VALUE OF		.03731					
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030489		3.94	0.232	1.07	7.72	13.4	280	0.71	0.07	3.31	0.51	12.30	25.6	12	4.77	176.5
\$030490		0.18	5.64	80.8	6.30	300	370	0.96	1.17	2.04	23.1	26.2	11.3	22	7.93	116.5
\$030491		4.84	0.172	0.77	7.88	13.4	1000	0.68	0.06	3.63	1.32	14.15	24.0	23	3.94	140.5
\$030492		6.32	0.100	0.66	7.83	9.7	2780	0.71	0.06	3.92	0.93	14.50	27.6	40	3.87	153.5
\$030493		5.60	0.162	1.25	7.64	32.4	1260	0.98	0.04	5.23	0.33	13.70	24.9	46	11.35	339
\$030494		4.58	0.152	0.78	7.97	16.0	1500	0.81	0.04	4.79	0.26	13.60	22.5	54	7.21	224
\$030495		4.72	0.194	0.98	7.49	17.8	2940	0.72	0.05	3.99	0.26	12.15	22.1	17	3.92	337
\$030496		2.90	0.219	1.29	7.69	13.9	690	0.70	0.09	2.83	0.28	13.40	26.8	37	4.59	439
\$030497		2.10	0.199	1.00	7.80	18.7	450	0.73	0.08	2.13	0.40	11.55	21.7	27	3.59	262
\$030498		6.04	0.138	0.99	8.27	13.7	1300	0.86	0.07	3.93	0.90	14.45	22.6	18	2.55	239
\$030499		5.74	0.179	0.59	8.07	15.0	1660	0.75	0.05	4.40	0.92	13.50	22.7	26	2.45	171.5
\$030500		0.62	<0.005	0.02	0.08	<0.2	20	0.05	0.01	33.7	<0.02	1.04	0.7	1	0.05	3.0
\$030501		6.12	0.079	0.38	8.43	14.0	2040	0.64	0.07	4.69	0.61	13.55	20.9	22	2.18	113.0
\$030502		5.72	0.210	1.00	8.06	17.6	570	0.71	0.12	4.41	0.64	11.90	28.4	23	2.59	312
\$030503		5.58	0.131	0.48	8.48	13.3	2000	0.71	0.04	4.81	0.32	16.35	24.2	27	3.40	190.5
\$030504		5.60	0.177	0.77	8.21	11.2	2710	0.66	0.04	3.89	0.30	14.00	26.2	22	2.91	374
\$030505		5.68	0.158	0.76	8.35	10.6	4040	0.73	0.04	3.52	1.89	13.00	26.8	31	2.92	338
\$030506		5.74	0.149	0.91	8.13	26.9	2560	0.64	0.05	4.20	0.39	13.85	25.5	21	4.23	329
\$030506CD		<0.02	0.154	0.86	8.20	26.6	2570	0.68	0.05	4.20	0.36	14.00	25.1	20	4.19	330
\$030507		3.90	0.166	3.28	6.35	81.2	340	0.84	0.02	5.94	2.03	19.75	17.2	21	4.93	237
\$030508		6.10	0.254	1.14	7.59	77.0	1610	0.96	0.03	6.02	0.53	11.55	19.4	16	7.85	210
\$030509		5.48	0.163	0.80	8.11	26.5	2370	0.89	0.05	5.30	0.90	15.05	23.5	24	5.19	228
\$030510		0.16	1.115	27.6	5.71	374	150	1.20	0.91	0.63	1.65	26.2	13.6	19	8.13	104.0
\$030511		5.14	0.270	0.76	8.19	24.5	1890	0.80	0.07	5.10	0.27	14.05	25.5	23	3.76	251
\$030512		6.54	0.249	0.71	7.55	9.5	1920	0.82	0.07	3.91	0.42	10.75	26.5	18	5.27	266
\$030513		5.34	0.191	0.68	7.32	27.0	1580	0.75	0.05	5.33	0.66	15.25	23.8	27	4.30	220
\$030514		5.16	0.261	0.71	7.92	19.5	2070	0.70	0.06	4.77	0.88	14.90	26.1	23	3.76	259
\$030515		4.44	0.342	0.86	7.53	13.8	1750	0.79	0.06	4.42	0.62	12.65	27.3	28	3.22	270
\$030516		6.98	0.236	0.58	7.63	17.9	2500	0.70	0.05	5.39	0.54	14.65	23.2	29	2.29	195.5
\$030517		5.84	0.257	0.71	7.69	17.1	2710	0.70	0.09	5.81	0.92	14.15	30.4	29	1.86	272
\$030518		6.46	0.006	0.63	7.82	23.1	2510	0.71	0.14	6.94	0.75	14.45	32.0	30	1.41	226
\$030519		6.12	0.118	0.46	8.34	17.9	2620	0.71	0.09	5.24	0.96	13.45	27.4	42	1.56	170.5
\$030520		0.52	<0.005	0.01	0.09	0.3	30	0.08	0.01	33.0	<0.02	0.94	0.7	1	<0.05	2.3
\$030521		4.46	0.122	1.12	8.19	26.7	2180	0.90	0.09	7.20	1.56	14.80	24.7	44	1.21	169.5
\$030522		5.28	0.116	0.62	7.88	21.3	2370	1.03	0.06	6.52	1.79	16.00	30.7	56	1.91	219
S030523		6.04	0.135	0.54	7.88	25.6	2890	0.81	0.03	5.65	0.47	15.45	27.7	39	2.70	198.5
S030524		6.32	0.198	0.66	7.60	17.8	2010	0.93	0.05	5.69	0.58	14.75	28.7	75	2.11	250
S030525		5.26	0.282	0.55	7.88	18.4	2240	0.80	0.05	4.90	0.50	11.30	19.7	76	3.40	185.0
S030526		4.24	0.225	0.51	7.83	16.4	2640	0.74	0.04	4.88	1.22	12.55	26.9	51	3.01	194.0
S030526CD		<0.02	0.216	0.44	7.47	16.5	2560	0.70	0.04	4.78	0.97	11.25	25.2	53	2.89	178.5



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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(ALS	,								С	ERTIFIC	CATE O	F ANAI	_YSIS	VA202	03754	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030489		6.30	16.20	0.14	0.3	0.069	4.91	5.4	26.0	2.04	1730	4.01	1.74	5.1	13.0	1820
\$030490		4.83	13.30	0.11	1.3	1.330	3.73	13.4	13.0	0.48	1210	10.25	0.23	5.7	16.7	990
\$030491		6.10	16.00	0.17	0.4	0.061	3.67	6.4	28.5	2.38	1990	22.9	2.31	4.6	15.5	1770
\$030492		6.67	15.55	0.13	0.5	0.078	3.65	6.9	27.4	2.45	1940	12.70	2.25	4.2	25.6	1970
\$030493		6.24	16.55	0.14	0.4	0.067	3.48	6.5	37.7	2.17	1650	68.9	1.32	4.5	34.7	1630
\$030494		5.66	15.50	0.15	0.4	0.057	4.55	6.2	31.4	1.75	1330	8.12	1.66	4.9	31.0	1820
\$030495		5.74	15.80	0.14	0.4	0.070	3.77	5.6	35.8	2.02	1350	36.7	2.09	5.2	12.8	1610
\$030496		6.16	14.15	0.15	0.3	0.022	4.06	6.2	35.9	1.99	1270	167.0	2.15	4.4	15.1	1910
\$030497		6.17	14.85	0.16	0.3	0.026	4.81	5.1	32.5	2.15	1380	3.02	1.95	4.9	14.9	1840
\$030498		6.69	16.50	0.16	0.5	0.107	3.46	7.0	23.0	3.17	2340	6.02	2.63	5.2	12.7	1740
\$030499 \$030500 \$030501 \$030502 \$030503		6.36 0.12 6.10 6.72 6.51	16.25 0.23 15.70 16.20 16.45	0.12 <0.05 0.13 0.13 0.12	0.4 <0.1 0.5 0.5	0.077 <0.005 0.117 0.097 0.091	3.84 0.02 4.17 3.66 3.09	6.3 1.1 6.2 5.5 8.3	21.3 1.3 16.4 14.7 24.0	2.23 2.27 2.14 2.10 2.02	2200 147 2440 2220 1830	18.85 0.79 5.34 54.1 26.3	1.85 0.03 2.40 2.78 3.16	4.7 0.1 4.9 5.1 5.3	15.0 0.5 13.8 14.7 14.7	1860 60 1940 1840 1800
\$030504		6.36	15.10	0.13	0.4	0.080	3.49	6.5	23.5	2.20	1730	67.7	2.90	4.6	15.5	1900
\$030505		7.07	14.85	0.14	0.5	0.084	4.40	6.0	24.9	2.41	1940	20.4	2.52	4.3	17.4	2060
\$030506		6.09	15.20	0.13	0.4	0.087	3.50	6.8	30.1	2.13	1670	40.9	2.27	4.7	14.8	1920
\$030506CD		6.14	15.45	0.14	0.4	0.085	3.52	6.8	30.1	2.14	1680	35.5	2.29	4.7	14.6	1910
\$030507		5.10	13.70	0.11	0.3	0.070	2.68	10.5	36.3	1.62	2050	9.34	0.15	4.0	11.4	1270
\$030508 \$030509 \$030510 \$030511 \$030512		5.69 7.29 4.41 7.02 7.14	15.10 15.65 12.75 15.90 15.60	0.12 0.14 0.12 0.14 0.14	0.4 0.4 0.9 0.3	0.128 0.147 0.036 0.150 0.255	4.25 4.19 2.63 3.75 4.44	5.9 7.3 12.9 7.1 4.7	25.9 27.6 10.1 31.2 32.6	1.78 2.16 0.36 2.28 2.39	1870 2220 221 1990 1890	17.75 10.10 4.69 4.49 182.0	0.86 1.67 0.19 2.17 1.53	4.8 4.6 5.5 4.6 4.7	12.6 15.5 13.8 15.0 15.0	1620 1860 1270 1870 1800
\$030513		7.12	14.50	0.12	0.5	0.206	3.17	7.1	29.9	2.78	2150	8.94	1.74	4.1	17.0	1770
\$030514		6.86	15.80	0.14	0.6	0.093	4.91	7.4	17.9	1.68	1640	9.63	1.57	4.9	15.7	1800
\$030515		7.69	15.75	0.13	0.6	0.111	5.04	6.1	13.9	1.71	1770	11.85	1.60	4.7	17.7	1900
\$030516		6.70	15.85	0.12	0.7	0.151	4.22	7.1	16.9	2.20	2050	18.00	1.76	4.3	18.5	1930
\$030517		6.75	13.80	0.14	0.8	0.143	4.42	7.1	14.8	2.31	2010	13.00	1.87	4.2	19.0	2010
\$030518		7.37	15.00	0.14	0.6	0.142	3.45	7.1	22.2	2.68	2320	5.56	1.95	4.4	19.3	2030
\$030519		7.46	14.20	0.12	0.7	0.104	4.14	6.1	21.8	2.25	2130	9.42	2.36	4.2	23.7	2310
\$030520		0.15	0.35	0.13	<0.1	0.005	0.03	1.1	1.9	3.24	141	0.16	0.04	0.1	0.9	90
\$030521		6.56	13.20	0.13	0.7	0.080	4.26	6.4	17.7	1.96	1930	17.15	0.90	4.1	22.8	2180
\$030522		7.37	14.35	0.12	0.7	0.098	4.50	7.3	18.6	2.28	2090	23.2	1.44	3.9	31.0	1910
\$030523		6.78	14.00	0.16	0.6	0.088	5.08	7.1	25.6	2.45	2180	17.80	1.55	3.8	21.5	1920
\$030524		6.79	13.75	0.16	0.6	0.116	4.10	6.8	21.5	2.57	1980	32.4	1.95	3.9	33.8	1760
\$030525		6.92	14.65	0.15	0.4	0.103	4.68	4.8	30.9	2.41	1720	21.2	1.67	3.3	37.2	1780
\$030526		7.01	13.55	0.16	0.5	0.115	4.95	5.4	28.7	2.71	1900	17.85	1.84	3.7	28.6	1940
\$030526CD		6.87	13.50	0.15	0.4	0.111	4.88	4.7	28.1	2.63	1860	18.30	1.81	3.6	27.9	1910



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	03754	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030489		17.1	132.5	0.020	3.29	1.75	29.3	12	1.3	343	0.26	<0.05	0.75	0.433	1.46	0.4
\$030490		9020	151.0	0.004	3.05	74.1	12.4	3	4.2	144.0	0.35	0.30	3.71	0.255	3.23	2.1
\$030491		16.6	115.0	0.178	2.61	2.29	34.0	12	1.2	441	0.26	<0.05	0.95	0.430	1.13	0.5
\$030492		13.3	112.0	0.127	1.41	2.65	40.0	6	2.3	558	0.23	<0.05	0.92	0.433	1.06	0.4
\$030493		10.1	154.0	0.584	2.25	3.17	28.9	8	2.2	204	0.24	<0.05	0.89	0.392	1.28	0.5
\$030494		6.4	156.0	0.070	2.08	1.87	33.2	7	1.8	272	0.26	<0.05	0.92	0.421	1.53	0.4
\$030495		8.8	109.5	0.298	1.28	1.48	25.6	7	1.7	366	0.28	<0.05	0.89	0.350	1.17	0.4
\$030496		13.6	112.0	2.14	2.90	1.98	38.6	15	1.0	275	0.25	0.06	0.80	0.428	1.27	0.3
\$030497		16.4	103.0	0.035	3.08	2.41	33.2	15	0.9	269	0.26	0.05	0.76	0.393	1.46	0.4
\$030498		18.9	90.9	0.050	3.16	3.32	29.8	15	1.9	658	0.27	<0.05	1.01	0.377	1.05	0.5
\$030499		12.6	87.7	0.143	1.45	4.44	33.3	7	1.7	884	0.26	<0.05	0.88	0.401	1.09	0.4
\$030500		0.8	0.8	0.008	<0.01	0.08	0.3	1	<0.2	80.3	<0.05	<0.05	0.07	0.006	<0.02	0.1
\$030501		13.8	100.0	0.053	0.91	4.04	33.9	6	1.9	777	0.25	<0.05	0.93	0.428	0.99	0.4
\$030502		15.9	88.2	0.459	3.46	3.59	34.6	16	1.3	572	0.26	<0.05	0.91	0.421	0.94	0.5
\$030503		6.9	92.4	0.227	1.19	1.72	34.6	7	2.2	407	0.27	<0.05	1.15	0.403	0.88	0.5
\$030504		7.8	95.3	0.650	0.91	2.32	36.1	7	2.1	406	0.24	<0.05	0.96	0.438	0.94	0.5
\$030505		14.5	105.5	0.206	1.07	3.91	39.4	8	2.8	579	0.24	<0.05	0.79	0.476	1.07	0.5
\$030506		11.8	106.0	0.377	1.14	5.89	34.4	5	2.3	366	0.26	<0.05	1.13	0.409	0.98	0.5
\$030506CD		11.8	108.5	0.326	1.13	6.13	34.5	6	2.2	369	0.27	<0.05	1.18	0.413	1.00	0.5
\$030507		50.0	115.0	0.058	1.39	33.1	26.0	3	1.6	241	0.21	<0.05	0.94	0.260	0.93	0.5
\$030508		10.9	172.0	0.121	1.52	12.15	28.6	4	2.4	240	0.24	<0.05	0.89	0.342	1.31	0.5
\$030509		13.6	149.0	0.079	1.45	5.14	38.2	6	2.5	331	0.26	<0.05	0.91	0.432	1.22	0.5
\$030510		48.8	118.5	<0.002	4.03	33.9	14.0	6	1.8	131.0	0.31	0.29	2.35	0.295	2.24	0.9
\$030511		10.2	119.0	0.056	2.11	2.47	35.1	8	2.3	332	0.25	<0.05	0.95	0.418	1.08	0.4
\$030512		11.7	124.0	1.240	2.05	1.68	30.3	8	1.9	299	0.24	0.05	0.63	0.422	1.30	0.3
\$030513		8.4	99.5	0.084	1.96	2.00	36.6	6	3.5	261	0.21	<0.05	0.94	0.398	0.87	0.6
\$030514		16.3	147.5	0.126	2.06	3.17	32.8	8	2.2	517	0.28	0.05	1.14	0.392	1.22	0.7
\$030515		17.3	139.0	0.123	2.09	3.09	34.1	9	2.9	509	0.25	<0.05	0.80	0.407	1.23	0.6
\$030516		15.9	121.0	0.144	1.16	3.61	36.7	6	3.0	597	0.25	<0.05	1.04	0.404	0.97	0.7
\$030517		21.2	114.5	0.146	0.98	3.85	34.5	5	2.8	630	0.25	<0.05	1.09	0.411	0.99	0.7
\$030518		15.9	90.5	0.081	1.06	3.90	38.8	6	2.6	656	0.26	<0.05	1.05	0.416	0.75	0.6
\$030519		11.3	93.6	0.106	0.91	4.17	39.1	5	2.6	638	0.26	<0.05	0.86	0.462	0.81	0.7
\$030520		1.3	0.7	<0.002	<0.01	0.11	0.3	1	<0.2	81.9	<0.05	<0.05	0.10	0.007	<0.02	0.1
\$030521		20.5	98.0	0.138	0.65	5.10	41.9	4	2.5	988	0.24	<0.05	1.01	0.468	0.82	0.7
\$030522		16.4	119.5	0.181	0.83	4.14	40.7	4	2.7	799	0.21	<0.05	1.05	0.445	0.83	0.6
\$030523 \$030524 \$030525 \$030526 \$030526CD		8.8 9.1 9.8 11.8 11.7	149.0 118.0 137.5 131.0 115.5	0.189 0.464 0.191 0.149 0.169	0.78 1.57 1.24 0.55 0.49	1.93 1.76 1.57 1.44 1.34	39.8 40.1 38.9 41.0 39.9	3 5 3 3	2.5 3.2 3.2 2.9 2.8	555 575 624 579 558	0.22 0.22 0.19 0.21 0.20	<0.05 <0.05 <0.05 <0.05 <0.05	1.05 1.02 0.65 0.74 0.67	0.435 0.434 0.436 0.435 0.419	0.99 0.79 0.99 0.99 0.99	0.7 0.6 0.4 0.5 0.5



To: PRETIVM **SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET VANCOUVER BC V7X 1L4** 

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									C	ERTIFICATE OF ANALYSIS	VA20203754	
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5			

	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34
	Analyte	V	W	Υ	Zn	Zr	Si	Ti	Zr
Sample Description	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm
Jampie Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5
S030489		275	1.6	16.4	193	8.4	20.6	0.5	58
S030490		126	4.3	9.5	1840	41.9	27.6	0.4	74
S030491		264	1.2	17.6	201	9.7	21.1	0.5	63
S030492		299	1.2	16.9	143	12.0	20.5	0.5	59
S030493		235	3.4	15.8	128	10.7	20.6	0.4	56
S030494		258	2.2	16.0	135	9.7	21.1	0.6	52
S030495		233	1.6	14.9	129	10.7	21.3	0.5	56
S030496		284	1.9	16.9	130	7.3	23.1	0.5	48
S030497		236	1.5	16.5	157	8.9	21.8	0.5	55
S030498		240	1.0	16.0	206	13.0	21.9	0.4	48
S030499		273	0.9	15.3	194	9.9	22.0	0.5	54
S030500		2	0.1	2.5	3	1.6	3.8	<0.1	7
S030501		281	1.3	16.3	162	11.4	22.1	0.4	54
S030501		287	1.4	14.9	135	11.5	22.0	0.5	52
S030502 S030503		276	1.5	17.6	161	11.0	19.4	0.4	49
				17.0	136	10.0	20.6	0.4	
S030504 S030505		287	1.3 1.2						55 60
		320		17.3	181	11.3	21.0	0.6	
S030506		269	2.9	15.1	134	10.4	21.0	0.5	48
S030506CD		269	2.9	15.3	134	10.5	20.6	0.5	55
S030507		198	10.7	14.9	176	9.0	23.3	0.3	34
S030508		229	3.7	12.8	136	9.1	20.1	0.4	47
S030509		292	1.9	18.7	213	10.1	19.4	0.5	46
S030510		137	2.4	8.3	190	31.6	32.4	0.4	74
S030511		301	1.8	16.3	176	8.7	19.0	0.4	45
S030512		292	1.0	15.6	167	7.4	19.3	0.4	51
S030513		267	2.3	16.3	173	11.4	18.4	0.4	51
S030514		269	1.4	16.3	134	13.4	19.9	0.4	44
S030515		263	1.5	16.6	138	13.5	21.2	0.5	55
S030516		269	1.7	17.3	147	16.2	21.5	0.5	59
S030517		261	1.3	16.0	117	16.8	21.6	0.5	53
S030518		278	1.4	16.9	116	17.1	19.8	0.4	51
S030519		288	1.4	17.6	129	16.5	21.6	0.5	56
S030515 S030520		2	<0.1	2.1	6	1.4	4.7	0.1	<5
S030521		283	1.1	17.9	116	16.4	21.0	0.5	73
S030521		283	1.0	18.2	118	14.5	22.3	0.5	63
S030523		263	1.1	18.3	130	14.8	20.8	0.5	54
S030524		268	1.1	16.8	120	12.7	20.9	0.5	58
S030525		285	1.3	15.4	117	9.1	20.8	0.5	55
S030526		293	1.0	16.7	156	10.2	21.8	0.5	53
S030526CD		286	1.0	15.6	151	9.9	21.6	0.5	58



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20203754** 

Page: 4 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 28-SEP-2020 Account: PREBOW

											<i>-</i> ,	. ,,	-13.3	*****	03731	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61							
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030527		7.78	0.386	0.65	7.38	23.0	1750	0.87	0.11	7.54	1.13	12.75	26.2	47	2.45	232
\$030528		5.84	0.661	0.88	7.48	20.0	1370	0.67	0.11	5.51	0.62	12.65	26.9	46	2.10	292
\$030529		4.54	0.352	0.38	7.47	25.2	2270	0.79	0.08	6.47	0.36	12.45	19.6	45	1.70	202
\$030530		0.18	0.982	12.25	6.33	323	540	1.15	0.16	3.79	4.47	26.4	10.5	27	7.07	90.7
\$030531		6.18	0.560	1.08	7.65	24.9	430	0.98	0.14	6.74	0.40	12.65	27.8	43	1.69	449
\$030532		5.46	0.754	0.85	7.33	18.0	530	0.83	0.13	6.00	0.43	12.60	29.3	40	2.06	295
\$030533		6.78	0.513	0.42	7.56	22.5	1230	0.55	0.06	5.36	0.39	12.20	26.9	44	3.61	182.0
\$030534		4.30	0.365	0.83	7.11	65.8	580	0.57	0.06	6.29	0.53	10.30	29.5	39	3.88	407
\$030535		4.40	0.237	0.75	7.80	32.4	1910	0.71	0.04	5.12	0.52	13.30	26.4	47	2.66	285
\$030536		6.84	0.282	0.69	7.56	43.8	620	0.68	0.04	6.68	0.71	12.30	29.0	36	4.38	201
\$030537		1.88	0.372	1.76	6.12	183.5	270	1.16	0.04	11.40	0.89	12.15	29.3	27	14.40	247
\$030538		2.98	0.370	2.79	5.72	254	380	0.84	0.04	11.15	0.30	12.85	16.6	33	7.50	146.0
\$030539		2.02	0.254	1.93	7.28	165.5	1340	0.84	0.05	7.91	0.52	12.20	23.9	44	7.83	268
\$030540		0.52	<0.005	0.02	0.12	1.8	30	0.08	0.01	34.6	0.02	1.09	0.8	2	0.14	3.0
\$030541		6.30	0.281	2.19	6.52	94.1	410	0.81	0.07	8.37	1.18	14.40	28.1	32	5.09	316
\$030542		5.96	0.240	1.02	7.92	31.1	1270	0.82	0.07	6.81	0.65	16.05	30.2	35	1.60	287
\$030543		4.64	0.071	0.21	7.19	29.6	1650	0.64	0.05	9.00	0.99	14.35	13.9	53	0.84	57.8
\$030544		6.08	0.246	0.98	8.03	29.4	1340	0.79	0.08	6.94	2.93	13.60	36.6	30	1.49	359
\$030545		5.92	0.288	0.96	8.16	31.7	1360	0.90	0.07	5.56	0.86	12.30	33.0	26	3.83	276
\$030546		4.96	0.477	2.56	7.83	117.5	1170	0.83	0.08	5.17	1.54	12.40	32.8	26	4.51	341
\$030546CD		<0.02	0.412	3.54	7.55	103.5	820	0.78	0.07	4.99	2.05	11.25	30.1	25	3.64	425
\$030547		6.40	0.233	0.74	7.74	33.7	2050	0.72	0.05	5.18	0.75	15.70	33.4	25	3.61	261
\$030548		5.18	0.072	0.30	8.13	20.9	2050	0.69	0.04	5.73	0.39	16.50	25.6	29	1.45	145.0
\$030549		6.38	0.112	0.49	7.91	20.0	1910	0.64	0.05	6.07	0.51	16.85	28.6	21	1.35	255
\$030550		0.18	5.60	84.5	6.39	295	590	1.06	1.21	2.08	22.7	29.1	11.0	23	7.97	123.5



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20203754** 

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030527		6.84	12.60	0.15	0.6	0.168	3.37	5.6	28.3	3.17	2250	23.2	1.84	3.3	22.7	1750
\$030528		6.69	13.65	0.15	0.5	0.106	5.08	5.6	21.7	2.77	1910	15.05	1.33	3.3	23.5	1850
\$030529		6.57	13.65	0.15	0.6	0.103	4.73	5.2	18.3	2.59	1860	12.55	0.92	3.4	19.4	1960
\$030530		4.14	13.55	0.17	1.2	0.053	3.98	14.0	14.2	0.59	1440	9.71	0.22	5.0	21.9	970
\$030531		6.57	14.75	0.14	0.6	0.073	4.33	5.5	15.2	2.37	1450	9.95	1.41	3.5	21.1	1980
\$030532 \$030533 \$030534 \$030535 \$030536		6.64 6.58 6.07 6.66 6.29	14.15 12.80 13.10 13.40 13.00	0.16 0.16 0.15 0.17 0.15	0.6 0.6 0.5 0.5	0.093 0.128 0.097 0.080 0.061	4.72 5.43 4.97 4.04 4.22	5.3 5.1 4.1 5.9 5.5	14.9 16.8 14.3 24.4 31.0	2.58 2.05 1.50 2.79 2.97	1420 1480 1400 1510 1820	8.78 23.6 11.65 23.9 10.10	1.45 0.99 0.99 1.90 1.51	3.5 3.6 3.7 3.9 3.6	20.2 19.2 19.8 20.3 19.2	1850 1850 1800 1920 1770
\$030537		5.46	12.50	0.13	0.4	0.059	3.52	5.4	30.7	1.68	2640	5.31	0.07	3.2	18.0	1390
\$030538		4.89	10.95	0.11	0.5	0.077	3.62	5.7	26.5	1.67	2830	26.8	0.51	2.8	16.0	1380
\$030539		5.42	13.10	0.12	0.7	0.119	4.74	5.4	27.0	2.18	2180	27.7	0.89	3.8	19.1	1720
\$030540		0.16	0.32	0.11	0.1	<0.005	0.04	1.2	1.1	2.09	163	0.26	0.03	0.1	0.7	100
\$030541		5.87	13.00	0.12	0.4	0.080	4.49	6.5	16.5	2.00	2190	18.10	0.78	3.5	19.7	1390
\$030542 \$030543 \$030544 \$030545 \$030546		7.02 6.48 7.52 7.55 7.53	16.30 12.60 15.85 15.00 14.60	0.12 0.11 0.15 0.14 0.15	0.6 0.7 0.5 0.3	0.079 0.106 0.068 0.066 0.072	4.03 3.06 3.85 4.24 4.92	6.9 6.9 5.4 5.2 5.1	23.9 20.7 27.7 37.1 26.2	2.54 3.00 2.52 3.20 2.92	1960 2420 2330 2490 2410	79.4 7.92 13.45 12.25 6.02	1.68 1.82 1.45 1.15 1.06	4.2 3.6 3.7 3.7 3.7	21.2 22.7 19.9 17.5 17.9	1720 1780 1730 1710 1670
\$030546CD		7.38	12.40	0.14	0.2	0.059	4.62	4.9	22.3	2.73	2300	6.73	1.00	3.1	16.0	1570
\$030547		7.68	14.65	0.16	0.3	0.065	4.27	6.9	27.9	2.94	2340	6.91	1.05	3.9	18.0	1690
\$030548		6.85	14.50	0.16	0.4	0.105	3.92	7.2	24.8	2.89	2540	5.91	1.78	4.0	16.4	1790
\$030549		7.33	14.25	0.16	0.5	0.181	3.72	7.9	21.7	3.07	2750	12.70	2.01	4.1	18.6	2100
\$030550		4.98	13.50	0.17	1.4	1.450	3.76	15.3	12.4	0.50	1220	10.05	0.24	5.4	17.2	990



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20203754** 

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030527		16.3	100.5	0.208	0.88	2.28	41.2	3	3.4	575	0.19	<0.05	0.78	0.391	0.67	0.6
\$030528		12.7	133.5	0.214	1.98	2.22	43.7	5	3.1	537	0.19	0.06	0.75	0.400	1.00	0.6
\$030529		11.9	120.0	0.132	1.28	3.60	45.0	3	3.7	791	0.18	0.06	0.76	0.405	0.94	0.9
\$030530		152.0	178.0	0.008	2.92	18.25	11.4	2	1.6	199.5	0.28	0.31	3.21	0.264	3.05	1.7
\$030531		17.7	116.5	0.103	3.36	3.88	46.2	8	4.3	741	0.19	0.08	0.74	0.419	0.87	0.6
\$030532		16.9	127.0	0.084	3.11	2.62	42.8	9	4.1	593	0.19	0.12	0.71	0.390	0.97	0.5
\$030533		17.4	132.0	0.167	1.71	4.81	41.1	6	3.5	370	0.20	0.05	0.78	0.392	1.30	0.5
\$030534		13.1	110.0	0.106	2.77	12.25	38.0	9	2.6	358	0.21	0.05	0.68	0.389	1.50	0.5
\$030535		10.1	115.0	0.200	1.72	5.32	44.7	7	3.3	504	0.21	<0.05	0.86	0.404	0.89	0.5
\$030536		11.3	137.5	0.092	2.37	2.79	39.6	6	2.7	399	0.19	<0.05	0.75	0.397	1.05	0.5
\$030537		16.4	211	0.058	4.49	10.20	27.2	7	2.3	145.0	0.18	0.06	0.75	0.312	1.65	0.5
\$030538		14.9	149.0	0.166	2.58	7.10	28.6	3	1.9	178.0	0.16	<0.05	0.66	0.288	1.27	0.7
\$030539		12.6	163.5	0.164	1.80	6.37	35.7	5	2.3	208	0.21	<0.05	0.85	0.369	1.40	1.0
\$030540		0.6	1.9	<0.002	0.03	0.16	0.4	1	<0.2	83.9	<0.05	<0.05	0.07	0.008	0.02	0.1
\$030541		17.7	154.5	0.165	2.88	26.6	26.4	9	1.5	404	0.20	<0.05	0.89	0.324	1.28	0.7
\$030542 \$030543 \$030544 \$030545 \$030546		20.4 11.7 37.6 19.8 13.3	97.2 80.9 80.3 109.5 108.0	0.555 0.044 0.091 0.097 0.053	2.60 0.33 3.19 2.81 2.63	3.64 3.07 3.57 12.05 59.1	32.8 34.1 28.6 30.5 29.0	10 2 14 13 10	1.4 2.3 1.5 1.2	788 657 947 671 717	0.23 0.19 0.21 0.21 0.21	<0.05 <0.05 0.06 0.05 <0.05	0.84 1.00 0.67 0.62 0.56	0.411 0.367 0.416 0.438 0.418	0.88 0.61 0.80 1.01 1.22	0.8 1.3 0.5 0.3
S030546CD		11.8	107.0	0.053	2.68	88.2	24.8	10	1.1	693	0.17	0.05	0.53	0.395	1.00	0.3
S030547		10.2	116.5	0.061	1.96	9.92	31.5	10	1.7	691	0.21	<0.05	0.72	0.415	1.00	0.4
S030548		9.1	110.0	0.050	0.80	2.97	37.0	6	2.3	722	0.23	<0.05	0.85	0.454	0.79	0.5
S030549		12.5	104.5	0.091	0.86	3.19	38.3	6	3.1	666	0.23	<0.05	0.91	0.463	0.74	0.6
S030550		9200	162.5	0.006	3.10	76.5	12.1	3	4.2	151.0	0.34	0.28	3.89	0.259	2.94	2.1



To: PRETIVM
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(ALS									CERTIFICATE OF ANALYSIS VA20203754
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
S030527		264	1.1	15.9	164	13.9	19.0	0.4	46
5030528		278	0.9	16.4	135	11.4	21.5	0.4	48
S030529		281	0.9	16.5	112	14.4	21.9	0.5	47
S030530		109	4.5	9.0	505	40.5	28.0	0.3	77
S030531		295	1.1	16.9	68	14.9	22.0	0.5	52
S030532		275	1.0	16.1	71	13.2	20.5	0.5	45
S030533		266	1.6	16.4	87	12.1	20.9	0.5	43
S030534		255	5.9	14.9	67	12.3	19.5	0.5	43
S030535		277	1.1	17.0	90	11.5	21.1	0.4	50
S030536		261	1.1	15.9	113	9.8	19.1	0.5	49
S030537		198	2.5	12.3	91	9.4	17.1	0.4	43
S030538		202	3.6	13.5	74	11.6	17.9	0.4	40
S030539		249	4.1	11.7	101	15.9	19.0	0.5	38
S030540		3	<0.1	2.2	4	2.0	3.4	0.1	7
S030541		208	3.5	14.6	104	11.3	18.2	0.5	48
S030542		236	0.8	18.5	121	14.0	20.2	0.5	58
S030543		236	0.7	14.9	149	15.2	18.6	0.4	46
S030544		249	0.9	16.0	161	11.7	20.3	0.5	60
S030545		244	2.2	15.1	179	7.6	19.8	0.5	71
S030546		240	4.9	15.0	156	7.4	18.1	0.5	61
S030546CD		223	4.3	13.8	154	6.6	18.5	0.5	66
S030547		239	2.2	16.7	149	6.4	18.5	0.5	68
S030548		267	0.7	19.1	148	10.3	20.9	0.5	62
S030549		267	0.8	20.9	149	11.3	20.2	0.4	58
S030550		126	4.0	10.1	1920	44.5	28.2	0.4	78



To: PRETIVM
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CEDTICICATE	OF ANALYSIS	VA20203754
CERTIFICATE	OF ANALISIS	VAZUZU3/3 <del>4</del>

		<u> </u>										
		CERTIFICATE COM	IMENTS									
		ANALY	TICAL COMMENTS									
	REEs may not be totally solubl		TICAL COMMENTS									
Applies to Method:	ME-MS61	e iii diiis iiiediisa.										
		LABORA	ATORY ADDRESSES									
		ocated at 2103 Dollarton Hwy, No										
Applies to Method:	Au-AA23 BAG-01 CRU-31 CRU-QC											
	LOG-21	LOG-21d	LOG-23	ME-MS61								
	PUL-32m SPL-21	PUL-32md SPL-21d	PUL-QC WEI-21	pXRF-34								
	3PL-21	3PL-210	WEI-Z I									



ALS Canada Ltd. 2103 Dollarton Hwy North Vancouver BC V7H 0A7

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To: **PRETIVM SUITE 2300, FOUR BENTALL CENTRE** 1055 DUNSMUIR STREET **VANCOUVER BC V7X 1L4** 

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> 27-JAN-2021 **Account: PREBOW**

## VA20206918

Project: Bowser Regional Project

P.O. No.: BOW-1120

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 17-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA **COREY JAMES** LEANNE HAWKINS JULIANNE MADSEN STEPHAINE WAFFORN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	06918	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030551		5.66	0.108	0.40	8.11	17.3	2050	0.69	0.03	5.55	0.39	15.75	26.5	30	1.96	190.0
\$030552		5.20	0.182	1.01	8.40	18.4	2010	0.65	0.05	4.30	0.57	12.35	33.2	36	3.15	406
\$030553		4.88	0.223	5.88	7.96	163.5	330	1.03	0.05	7.93	3.43	11.95	29.1	34	4.75	237
\$030554		5.26	0.085	3.08	7.88	38.4	640	1.07	0.04	7.80	1.18	13.95	21.0	31	4.81	180.0
\$030555		5.20	0.170	1.44	7.42	63.6	1600	0.80	0.04	6.12	0.85	14.35	20.6	42	3.36	141.5
\$030556 \$030557 \$030558 \$030559 \$030560		6.48 4.86 5.78 5.88 0.46	0.129 0.222 0.299 0.307 0.005	0.44 0.65 0.57 0.67 0.01	7.55 7.52 7.46 8.31 0.09	27.0 15.9 18.6 15.9 0.4	2240 2310 1440 940 30	0.73 0.68 0.68 0.75 0.05	0.07 0.07 0.06 0.06 0.01	6.56 6.61 5.80 3.99 34.7	0.88 0.73 0.52 0.45 0.02	15.35 15.60 14.15 10.80 1.22	21.7 31.7 31.3 32.2 0.9	53 59 49 43	1.92 2.32 2.19 3.10 0.05	124.5 214 235 253 2.8
\$030561		5.26	0.228	0.63	7.70	17.3	980	0.77	0.06	5.36	0.44	14.20	32.5	47	3.43	292
\$030562		4.56	0.181	0.49	7.80	16.0	3060	0.72	0.06	4.69	0.72	14.25	22.7	24	3.19	167.5
\$030563		6.64	0.178	0.62	7.26	15.4	2000	0.84	0.06	6.33	0.75	13.35	23.7	23	1.85	221
\$030564		5.14	0.360	1.38	7.68	18.1	380	0.90	0.09	6.21	0.64	12.30	41.2	26	2.33	448
\$030565		5.56	0.161	0.86	8.22	18.6	1310	0.82	0.06	6.26	6.91	14.35	29.9	30	1.64	355
\$030566		5.86	0.190	0.51	7.90	12.6	2400	0.91	0.06	4.65	0.52	12.30	25.8	29	2.33	220
\$030566CD		<0.02	0.168	0.50	7.72	13.5	2350	0.88	0.06	4.65	0.56	11.40	25.1	27	2.23	219
\$030567		6.14	0.181	0.48	7.35	14.6	1720	1.00	0.07	6.50	0.68	11.95	26.3	42	1.32	200
\$030568		4.80	0.204	0.84	7.63	16.9	670	0.72	0.09	6.17	1.19	12.40	24.9	46	1.55	226
\$030569		6.38	0.166	0.35	7.85	42.8	2100	0.90	0.07	6.59	0.86	13.25	16.5	42	5.08	103.5
\$030570 \$030571 \$030572 \$030572 \$030573 \$030574		0.12 5.92 5.74 4.16 5.82	1.370 0.145 0.137 0.179 0.175	27.6 0.37 3.32 0.72 0.76	5.96 7.65 6.98 7.65 7.93	394 17.4 42.8 16.4 14.8	80 2490 1030 1580 860	1.37 0.86 0.83 0.77 0.83	1.00 0.08 0.05 0.06 0.07	0.68 6.66 8.14 4.46 4.44	1.72 1.05 4.76 0.89 0.71	28.1 13.50 12.65 15.25 13.75	14.4 19.7 18.9 28.4 35.3	19 41 32 30 34	8.58 4.51 3.91 4.82 2.72	108.5 103.5 201 305 341
\$030575 \$030576 \$030577 \$030577 \$030578 \$030579		5.64 5.80 6.12 5.74 5.80	0.209 0.201 0.177 0.233 0.335	0.85 0.74 0.58 0.44 0.53	7.79 7.90 7.91 7.91 8.00	15.2 13.3 18.3 14.0 15.0	600 870 1810 1580 1680	0.75 0.74 0.87 0.68 0.64	0.04 0.04 0.05 0.05 0.06	3.75 3.73 6.08 6.00 6.76	0.33 0.39 0.54 0.41 0.76	12.45 12.60 14.55 13.65 13.00	33.4 35.5 37.2 25.6 24.1	40 30 38 44 51	1.96 2.40 1.80 0.88 1.09	406 349 256 188.0 196.5
\$030580		0.52	<0.005	0.01	0.08	<0.2	20	0.06	0.01	34.8	<0.02	1.10	0.8	2	<0.05	2.3
\$030581		5.24	0.273	0.37	8.45	12.9	1720	0.63	0.07	6.96	2.04	14.20	21.9	52	1.15	110.5
\$030582		4.10	0.238	0.38	7.82	19.1	1380	0.68	0.07	8.01	0.47	12.90	29.3	54	0.74	131.0
\$030583		6.24	0.119	0.40	7.18	20.8	2740	0.71	0.07	8.55	1.91	12.05	31.7	50	2.00	129.0
\$030584		5.26	0.059	0.15	7.75	14.1	1990	0.69	0.04	7.77	0.65	14.30	21.4	53	1.33	61.7
S030585		6.14	0.105	0.27	7.75	18.8	790	0.90	0.07	10.05	0.82	15.90	21.8	70	0.66	75.2
S030586		5.60	0.151	0.71	7.98	13.6	3230	0.73	0.05	4.64	0.99	15.60	44.5	50	1.85	273
S030586CD		<0.02	0.150	0.69	7.80	13.0	3180	0.69	0.05	4.60	0.94	15.50	43.8	49	1.83	255
S030587		7.06	0.134	0.83	7.88	13.3	1470	0.66	0.05	5.34	0.58	12.25	27.7	56	3.23	206
S030588		3.74	0.185	0.78	7.69	15.3	1130	0.77	0.10	6.29	0.95	16.30	18.3	48	2.78	150.0



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20206918** 

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Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
S030551		6.82 6.52	14.75 15.70	0.16 0.17	0.4 0.3	0.087 0.054	3.45 3.96	7.3 5.4	31.0 33.1	2.94 3.03	2450 1820	29.7 17.75	2.25 2.06	4.2 3.6	19.0 22.7	1980 1510
S030552 S030553		5.17	15.70	0.17	0.3	0.054	3.87	5.4 5.3	33.1 20.7	3.03 1.18	1970	24.3	0.06	3.8	18.7	1490
S030554		5.17	16.60	0.15	0.2	0.030	3.88	6.2	22.0	1.54	2040	26.8	0.00	3.5	18.3	1470
S030555		5.35	13.70	0.14	0.4	0.099	4.35	6.9	26.2	1.97	1780	14.70	0.76	3.6	17.8	1500
S030556		6.51	14.05	0.14	0.7	0.118	4.20	7.6	20.8	2.47	2220	20.4	1.96	3.8	24.8	1550
S030557		6.31	14.30	0.14	0.7	0.065	4.43	7.5	28.2	2.48	1960	13.95	1.22	3.9	23.9	1580
S030557 S030558		6.30	13.45	0.15	0.4	0.053	4.69	6.9	33.8	2.62	1920	15.90	1.02	3.8	24.4	1540
S030559		7.09	15.55	0.15	0.4	0.049	4.99	5.4	29.8	2.69	1720	8.04	1.21	4.1	28.6	1760
S030560		0.13	0.31	0.10	<0.1	<0.005	0.04	1.3	1.2	2.40	161	0.15	0.03	0.1	0.6	70
S030561		7.51	14.90	0.13	0.5	0.072	4.98	6.7	28.5	2.72	2000	10.70	0.81	4.3	27.8	1650
S030562		6.66	13.85	0.15	0.5	0.081	4.99	6.5	21.3	2.89	1940	9.81	0.70	3.4	15.6	1450
S030563		6.99	14.80	0.15	0.6	0.110	5.00	6.2	15.0	2.98	2130	11.25	0.82	3.2	14.8	1350
S030564		8.19	15.90	0.15	0.6	0.072	5.11	5.6	11.1	1.98	1720	14.55	0.94	3.6	19.2	1430
S030565		7.09	16.45	0.14	0.6	0.061	4.39	6.4	18.0	2.54	1640	7.22	1.40	3.9	20.1	1610
S030566		6.76	14.80	0.15	0.5	0.065	4.89	5.4	27.9	2.96	1660	14.75	1.25	3.8	17.8	1570
S030566CD		6.64	14.85	0.14	0.5	0.071	4.94	5.0	27.8	2.94	1670	17.80	1.25	3.7	17.5	1570
S030567		8.36	13.90	0.16	0.6	0.115	4.22	5.9	24.5	3.65	2320	14.40	1.18	3.5	22.3	1600
S030568		6.39	12.95	0.16	0.7	0.064	4.38	5.7	12.1	1.99	1500	12.30	1.92	3.7	21.7	1750
S030569		6.18	13.90	0.14	0.6	0.119	4.69	6.4	15.7	2.56	2010	25.7	1.15	3.6	20.6	1780
S030570		4.56	13.10	0.13	0.9	0.038	2.78	13.8	10.7	0.37	230	4.94	0.19	5.5	14.3	1270
S030571		5.89	14.70	0.14	0.6	0.150	4.13	6.4	18.6	2.68	2080	22.3	1.28	3.8	19.8	1760
S030572		5.89	12.50	0.12	0.5	0.132	3.89	6.1	17.4	2.21	2130	13.00	0.73	3.7	15.1	1670
S030573		6.44	14.75	0.15	0.4	0.082	4.97	7.0	31.1	2.35	1510	13.75	0.43	5.2	15.6	1920
S030574		6.64	15.50	0.19	0.6	0.058	4.60	5.9	19.3	2.20	1580	14.90	1.24	5.2	24.6	1950
S030575		7.44	14.70	0.16	0.4	0.045	4.63	5.5	23.5	2.77	1580	7.28	1.74	4.9	19.9	1830
S030576		8.07	14.70	0.16	0.4	0.067	4.60	5.4	26.6	2.66	1540	8.16	1.50	5.5	17.5	2080
S030577		7.55	16.15	0.15	0.7	0.103	3.38	7.0	29.0	3.63	2190	12.15	1.68	4.6	19.6	2000
S030578 S030579		7.08 6.78	14.50 13.85	0.12 0.14	0.7 0.7	0.135 0.136	3.52 3.55	6.2 6.3	20.2 21.4	3.32 2.91	2050 1840	11.20 10.70	2.02 2.00	3.8 3.8	23.0 24.5	1860 1810
S030580		0.14	0.26	0.12	<0.1	<0.005	0.02	1.3	1.2	1.93	158	0.18	0.03	0.1	0.5	80
S030581		5.63	15.05	0.11	0.6	0.125	3.03	6.8	27.1	2.88	1910	14.15	2.54	3.9	24.9	1870
S030582		5.77 5.76	13.25	0.08	0.7	0.193	2.58	6.0	20.4	2.91	1940	10.95	1.96	3.8	26.8	1820
S030583 S030584		5.76 5.60	11.95 14.25	0.06 0.09	0.6 0.7	0.234 0.254	2.80 1.72	5.8 6.5	26.7 29.5	3.57 3.43	2100 2160	16.30 7.99	1.50 2.43	3.8 4.1	25.1 28.8	1750 1910
S030585 S030586		7.47 6.29	17.50 15.10	0.06 0.11	0.7 0.4	0.149 0.067	1.46 4.57	7.5 7.3	23.5 31.4	3.24 3.09	2210 1520	3.78 10.30	1.62 1.84	3.8 4.8	29.5 23.9	1770 1740
S030586CD		6.29	14.55	0.11	0.4	0.067	4.42	7.3 7.4	31.4	3.09	1520	10.30	1.80	4.6 4.8	23.4	1690
S030587		6.08	13.95	0.12	0.4	0.078	3.61	6.1	32.4	3.20	1500	12.35	2.02	4.0	23.4	1620
S030588		5.88	13.65	0.10	0.5	0.065	1.95	7.4	27.8	3.20	1660	4.51	2.94	3.6	26.9	1800
3030300		3.00	10.00	0.11	0.0	0.000	1.55	7.7	21.0	3.07	1000	7.01	2.04	5.0	20.0	1000



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20206918** 

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								<u></u>			C/ 11 L O	I ANA		*/ \L O L	00318	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
S030551 S030552		11.9 16.6	108.0 122.0	0.264 0.147	0.69 2.06	2.64 15.40	35.9 32.4	6 12	2.4 1.7	572 519	0.26 0.22	<0.05 <0.05	0.93 0.77	0.460 0.444	0.80 0.85	0.4 0.2
S030553		358	143.5	0.185	1.99	101.5	27.7	10	2.1	336	0.21	< 0.05	0.75	0.398	1.51	0.4
S030554 S030555		49.0 11.9	147.0 139.5	0.207 0.112	1.27 0.87	17.80 12.70	29.6 31.0	6 4	2.5 3.2	283 338	0.22 0.21	<0.05 <0.05	0.77 0.88	0.411 0.367	1.31 1.17	0.5 0.6
S030556		12.9	119.5	0.140	0.62	4.18	32.2	3	3.7	517	0.22	<0.05	1.10	0.383	0.88	0.7
S030557 S030558		13.0 13.0	109.0 119.5	0.096 0.152	1.88 1.59	3.02 3.51	33.4 31.7	10 11	2.6 2.2	577 633	0.22 0.23	0.05 <0.05	1.07 0.97	0.370 0.363	1.11 1.09	0.6 0.4
S030559 S030560		13.1 0.5	110.0 1.0	0.072 0.002	2.33	2.26 0.10	35.7 0.4	10 1	1.9 <0.2	608 93.6	0.26 <0.05	0.05 <0.05	0.87 0.06	0.415 0.007	1.13 0.02	0.3 0.1
\$030561 \$030562 \$030563		13.0 11.1 11.9	118.5 126.5 141.5	0.096 0.065 0.086	2.43 1.28 1.55	4.74 5.12 3.50	31.9 27.2 25.6	9 5 6	2.4 3.5 3.4	548 515 700	0.26 0.22 0.19	0.05 <0.05 <0.05	0.96 0.78 0.74	0.412 0.373 0.349	1.12 1.29 0.99	0.5 0.5 0.4
S030564 S030565		12.7 18.2	132.5 104.0	0.149 0.047	3.74 2.81	4.30 4.39	27.3 29.3	15 9	4.1 4.2	815 843	0.21 0.22	0.06 0.07	0.74 0.77	0.362 0.413	1.00 0.83	0.5 0.5
S030566		11.1	107.5	0.102	1.42	3.33	28.5	6	3.5	602	0.22	<0.05	0.66	0.395	1.01	0.4
S030566CD S030567		10.7 11.5	94.7 110.0	0.141	1.41	3.33 3.39	26.1 33.9	6 5	3.4	603 563	0.23	<0.05 <0.05	0.60 0.89	0.401 0.355	0.98 0.76	0.4 0.8
S030568 S030569		17.7 11.5	105.0 143.0	0.078 0.175	3.17 1.37	3.95 9.63	36.9 35.4	9 3	4.7 4.6	628 680	0.22 0.20	0.05 <0.05	0.80 0.93	0.376 0.395	0.81 1.29	0.8 1.0
S030570 S030571		54.6 15.1	125.5 133.0	<0.002 0.203	4.17 1.38	35.1 11.55	13.9 37.8	6 4	1.8 4.7	138.5 706	0.32 0.22	0.31 <0.05	2.66 1.00	0.304 0.397	2.34 1.16	1.0 1.0
S030572 S030573		128.5 19.4	123.0 133.0	0.127 0.093	1.43 1.86	82.0 10.45	29.1 31.0	5 9	3.7 2.4	552 343	0.21 0.29	<0.05 <0.05	0.84 0.94	0.362 0.408	1.11 1.37	0.7 0.5
S030574		28.1	92.0	0.105	2.43	4.13	30.1	14	2.6	597	0.30	<0.05	0.80	0.442	1.10	0.5
S030575 S030576 S030577		15.0 12.5 15.0	111.5 89.3 86.2	0.083 0.092 0.103	3.04 2.44 1.81	3.29 3.12 4.63	32.6 31.0 35.3	15 12 8	2.1 2.0 4.1	514 537 873	0.28 0.33 0.26	0.07 0.05 <0.05	0.79 0.76 0.94	0.424 0.440 0.420	0.85 0.93 0.65	0.3 0.4 1.0
S030578 S030579		10.3 9.6	80.3 95.1	0.080	2.16 1.79	3.93 4.08	37.6 37.3	6 5	4.7 4.5	741 668	0.24 0.22	<0.05 <0.05	0.88	0.422 0.402	0.59 0.72	1.0
S030580 S030581		0.8 17.1	0.5 77.8	0.003 0.061	0.01 0.71	0.08 3.21	0.3 36.7	1 3	<0.2 4.1	85.2 634	<0.05 0.25	<0.05 <0.05	0.07	0.006 0.421	<0.02 0.58	0.1 0.9
S030582 S030583		15.0 11.6	62.9 82.8	0.066 0.095	0.62 0.59	4.86 5.26	39.1 36.5	3	4.7 4.4	756 491	0.22 0.20	<0.05 <0.05 <0.05	0.96 0.88	0.391 0.360	0.52 0.65	1.0 0.9
S030584		9.6	50.5	0.035	0.12	3.55	41.0	1	4.3	537	0.24	<0.05	1.02	0.406	0.41	1.1
S030585 S030586 S030586CD		18.7 15.1 14.6	42.3 122.5 121.5	0.020 0.101 0.097	0.46 1.40 1.35	5.17 3.11 3.06	40.9 35.3 34.7	2 7 7	3.3 1.8 1.8	1215 558 541	0.22 0.27 0.27	<0.05 <0.05 <0.05	1.05 0.98 0.99	0.390 0.412 0.405	0.30 1.02 0.94	1.0 0.4 0.4
S030587 S030588		10.4 16.2	112.0 69.0	0.074 0.046	1.66 2.28	8.88 15.05	33.4 36.3	5 6	1.6 3.0	509 666	0.24 0.20	<0.05 0.08	0.89 0.93	0.391 0.377	0.88 0.62	0.3 0.7



To: PRETIVM
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(ALS	,								CERTIFICATE OF	A NI A I N/CIC	V/42020C010
									CERTIFICATE OF A	ANALYSIS	VA20206918
	Method Analyte	ME-MS61 V	ME-MS61 W	ME-MS61 Y	ME-MS61 Zn	ME-MS61 Zr	pXRF-34 Si	pXRF-34 Ti	RF-34 Zr		
Sample Description	Units LOD	ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	% 0.5	% 0.1	pm 5		
S030551		271	1.0	19.9	135	10.1	20.3	0.5	56		
S030552		247	1.2	17.2	136	6.2	20.6	0.5	62		
S030553		239	29.6	15.2	255	3.9	19.3	0.4	54		
S030554		235	20.4	15.4	115	5.8	18.6	0.4	56		
S030555		216	14.0	13.7	119	10.8	19.3	0.4	52		
S030556		240	1.3	15.7	122	19.1	20.6	0.4	52		
S030557		239	1.3	15.7	103	12.3	19.0	0.5	59		
S030558		223	1.1	14.1	107	10.3	20.7	0.5	52		
S030559		277	1.0	12.9	122	9.1	20.5	0.5	51		
S030560		2	0.1	2.2	3	1.6	2.3	<0.1	6		
S030561		253	1.4	14.8	122	11.5	20.7	0.5	57		
S030562		229	1.8	15.1	108	12.5	21.5	0.5	56		
S030563		218	1.2	14.4	106	15.0	21.0	0.4	55		
S030564		216	1.3	15.2	76	15.7	21.3	0.4	60		
S030565		254	1.3	16.9	83	16.1	20.7	0.4	67		
S030566		241	1.4	15.3	99	13.4	21.9	0.4	63		
S030566CD		239	1.3	14.4	98	13.1	21.6	0.5	63		
S030567		260	1.2	14.9	118	17.0	20.2	0.3	44		
S030568		264	1.3	15.1	68	16.9	21.2	0.4	51		
S030569		258	6.3	14.7	102	17.3	18.6	0.4	49		
S030570		141	2.4	8.4	203	33.0	31.9	0.4	78		
S030571		265	5.1	14.5	110	15.4	18.9	0.5	53		
S030572		226	15.6	13.8	407	12.1	19.1	0.3	47		
S030573		265	4.4	16.1	134	10.3	20.5	0.4	51		
S030574		265	1.4	16.8	109	14.6	21.6	0.5	63		
S030575		270	1.1	15.8	108	10.0	20.7	0.5	59		
S030576		245	1.1	17.2	113	10.0	20.9	0.5	31		
S030577		280	1.4	15.7	122	17.8	19.9	0.4	62		
S030578		265	1.2	16.3	128	19.1	21.6	0.4	52		
S030579		260	1.4	16.0	115	19.4	21.1	0.4	54		
S030580		2	0.1	2.3	4	1.5	3.5	<0.1	6		
S030581		276	1.6	15.9	113	17.4	20.9	0.4	60		
S030582		269	1.2	15.4	119	17.4	21.6	0.4	55		
S030583		235	2.7	15.2	142	15.1	20.2	0.5	45		
S030584		254	1.3	17.0	153	17.5	20.3	0.4	54		
S030585		286	1.2	16.7	130	19.1	19.0	0.4	63		
S030586		234	0.9	17.5	138	10.5	22.1	0.5	74		
S030586CD		230	0.9	16.8	135	11.1	20.8	0.5	67		
S030587		239	1.2	13.8	127	7.6	19.7	0.5	63		
S030588		244	1.4	15.4	99	13.7	19.6	0.4	54		



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	_YSIS	VA202	06918	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030589		4.02	0.186	0.62	7.67	15.5	1270	0.78	0.09	6.63	0.80	14.15	18.2	81	2.42	118.0
\$030590		0.18	0.970	11.70	5.93	310	360	1.03	0.16	3.58	4.26	24.3	10.5	25	6.56	82.4
\$030591		2.32	0.081	0.84	3.09	43.1	210	0.54	0.03	17.45	0.62	44.4	9.3	36	4.72	70.1
\$030592		4.10	0.183	0.57	7.77	21.5	3140	0.67	0.09	6.45	0.41	13.80	20.2	49	2.79	135.5
\$030593		5.28	0.110	0.21	8.21	28.2	2600	0.72	0.08	7.86	1.18	13.95	14.4	52	2.30	43.6
\$030594		5.28	0.332	0.72	7.05	79.3	2190	0.59	0.07	11.10	0.94	13.15	10.9	40	2.28	69.5
\$030595		3.76	0.149	1.40	7.46	80.8	1640	0.58	0.09	6.90	1.03	12.85	19.0	45	2.22	188.0
\$030596		4.62	0.195	2.12	6.75	128.5	420	0.47	0.08	10.50	1.36	11.75	22.3	40	3.40	160.0
\$030597		6.74	0.184	0.68	7.74	60.9	1300	0.69	0.15	7.44	1.00	12.40	20.4	59	2.60	91.8
\$030598		5.22	0.233	1.08	8.01	16.9	1910	0.65	0.12	5.97	0.61	12.85	42.4	51	1.54	428
\$030599		6.56	0.317	1.79	7.74	24.7	1690	0.80	0.19	8.27	0.43	12.85	17.7	54	0.76	196.0
\$030600		0.52	<0.005	0.01	0.09	0.6	20	0.08	0.01	32.9	<0.02	0.96	0.6	2	0.06	2.3
\$030601		5.92	0.182	0.45	7.77	14.8	1990	0.69	0.15	7.28	0.78	13.95	22.2	53	0.93	177.0
\$030602		6.28	0.428	1.04	7.78	11.1	1170	0.61	0.11	5.86	0.59	14.05	26.4	58	0.90	460
\$030603		4.94	0.248	1.29	8.12	12.3	1260	0.62	0.07	5.31	0.32	13.70	40.8	64	1.59	581
\$030604		5.96	0.184	1.06	8.35	18.3	1660	0.60	0.12	5.89	0.35	16.40	42.8	61	0.91	431
\$030605		7.10	0.123	0.74	8.34	18.2	1820	0.69	0.09	6.99	0.40	19.10	30.6	66	0.90	282
\$030606		5.60	0.085	0.57	8.57	12.7	2060	0.67	0.06	6.24	0.28	15.35	27.1	68	1.00	248
\$030606CD		<0.02	0.100	0.59	8.72	13.3	2110	0.68	0.06	6.24	0.36	15.80	27.8	68	1.00	256
\$030607		6.48	0.111	0.54	8.56	14.7	2030	0.75	0.06	8.04	0.31	14.95	35.4	49	0.96	212
\$030608		5.64	0.187	0.85	8.13	11.4	390	0.68	0.08	6.04	0.29	13.85	36.1	62	1.56	317
\$030609		5.58	0.141	0.30	7.97	32.1	1570	0.84	0.07	8.66	0.29	15.80	20.1	52	3.67	110.5
\$030610		0.14	5.73	83.7	6.40	303	380	1.03	1.18	2.03	23.3	27.9	11.3	23	7.93	120.5
\$030611		6.22	0.130	0.49	8.20	14.3	2600	0.58	0.08	7.90	0.94	13.70	29.5	52	1.52	143.0
\$030612		6.18	0.080	0.60	8.21	13.7	2150	0.64	0.09	7.82	0.47	14.05	33.0	41	0.88	201
\$030613		5.30	0.100	0.91	7.83	14.6	1960	0.69	0.13	8.27	0.85	13.85	34.1	46	1.12	270
\$030614		6.16	0.157	0.96	8.22	17.0	2110	0.67	0.09	9.05	1.01	14.70	32.6	47	0.85	327
\$030615		6.34	0.107	0.69	8.08	13.2	4410	0.66	0.06	6.67	2.68	15.40	31.4	50	2.36	194.0
\$030616		5.66	0.176	1.24	7.72	9.1	1490	0.78	0.07	5.67	0.48	14.15	30.7	52	2.19	368
\$030617		5.72	0.073	0.64	7.78	10.9	2620	0.78	0.06	7.08	0.58	13.75	15.1	42	1.02	167.0
\$030618		5.48	0.167	0.62	7.88	10.3	1610	0.77	0.12	8.21	0.54	12.05	19.3	40	0.90	139.5
\$030619		5.88	0.169	1.27	7.78	11.3	2020	0.86	0.10	7.29	0.42	12.30	27.4	39	1.14	268
\$030620		0.46	<0.005	0.01	0.12	0.4	30	0.10	<0.01	33.5	<0.02	1.02	0.6	2	0.07	3.2
\$030621		5.10	0.173	1.17	7.81	8.6	590	0.67	0.11	9.09	1.70	12.45	35.6	31	2.29	273
\$030622		5.82	0.183	0.86	8.12	9.2	1520	0.76	0.09	9.30	1.25	12.50	27.9	39	0.95	231
\$030623		5.78	0.374	1.15	7.82	17.4	1180	0.56	0.11	10.10	1.41	11.90	46.7	36	0.96	318
\$030624		5.84	0.197	1.07	7.44	7.1	510	0.52	0.08	6.38	3.32	10.85	34.8	46	1.62	304
\$030625		6.28	0.203	0.97	7.38	10.8	940	0.68	0.12	8.54	7.79	12.70	43.4	43	0.71	207
\$030626		6.34	0.208	1.94	7.88	9.8	1180	0.65	0.09	7.54	1.13	13.65	35.4	45	1.06	198.5
\$030626CD		<0.02	0.194	0.86	7.73	8.9	1390	0.70	0.09	7.29	1.06	13.60	35.8	46	1.04	203



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20206918** 

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											CAILO	I ANA	_1 313	VAZUZ	.00318	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030589		5.62	13.40	0.09	0.6	0.081	1.87	6.9	27.8	3.13	1760	5.56	3.16	3.7	24.5	1740
\$030590		3.77	12.60	0.10	1.1	0.044	3.67	12.3	12.8	0.53	1330	8.85	0.20	4.7	20.0	860
\$030591		2.44	6.54	0.10	0.2	0.050	1.76	24.9	19.1	0.74	3150	5.45	0.15	1.5	10.4	660
\$030592		7.17	14.00	0.09	0.7	0.172	3.22	6.3	29.8	2.45	2010	5.04	2.28	3.7	26.2	1730
\$030593		5.74	15.30	0.10	0.8	0.211	4.08	6.4	26.3	2.60	2040	5.12	1.69	3.9	22.2	1720
\$030594 \$030595 \$030596 \$030597 \$030598		4.73 5.50 4.78 5.78 5.52	12.00 11.95 11.25 13.45 13.95	0.07 0.08 0.09 0.08 0.11	0.6 0.6 0.5 0.7	0.141 0.137 0.120 0.115 0.127	3.82 3.81 3.65 3.48 3.26	6.3 6.1 5.7 6.0 6.1	20.6 23.1 23.9 24.4 26.5	2.03 2.79 2.15 2.63 2.90	3110 2170 2150 1950 1680	3.83 6.57 6.93 3.49 9.08	1.42 1.86 1.63 2.10 2.58	3.3 3.6 3.3 3.9 3.9	17.7 22.2 21.0 22.7 27.2	1490 1720 1520 1800 1780
\$030599		6.19	13.45	0.08	0.6	0.138	3.32	6.1	10.2	2.42	1660	4.74	1.34	3.9	23.9	1760
\$030600		0.16	0.31	0.12	<0.1	<0.005	0.02	1.1	2.0	2.58	135	0.11	0.04	0.1	0.7	90
\$030601		6.48	13.00	0.08	0.7	0.161	2.94	6.6	18.5	2.81	1880	2.76	2.08	3.8	25.9	1760
\$030602		5.93	13.60	0.09	0.7	0.125	1.97	6.9	30.4	2.99	1630	19.50	3.25	3.9	22.9	1740
\$030603		6.14	13.80	0.11	0.4	0.061	3.41	7.1	26.9	3.08	1540	7.52	2.37	4.1	28.9	1680
\$030604 \$030605 \$030606 \$030606CD \$030607		6.81 6.93 6.89 7.02 8.19	14.35 14.20 14.45 14.95 16.05	0.11 0.11 0.10 0.09 0.09	0.5 0.6 0.5 0.5	0.058 0.062 0.049 0.053 0.052	2.88 3.21 3.48 3.56 3.27	8.0 8.9 7.6 7.9 7.2	23.7 20.3 27.3 27.9 21.3	2.72 2.53 2.78 2.81 2.36	1590 1620 1650 1660 1550	4.01 2.71 3.98 4.07 2.82	2.42 2.03 2.13 2.17 1.29	4.1 4.3 4.1 4.1 3.7	32.9 23.8 27.4 28.6 23.4	1770 1710 1770 1810 1840
\$030608		7.14	14.10	0.12	0.5	0.066	3.29	6.4	30.7	2.87	1590	3.07	1.89	3.8	25.7	1710
\$030609		6.95	14.80	0.08	0.7	0.073	3.27	7.2	18.8	2.39	1520	5.23	0.98	3.8	21.0	1830
\$030610		4.84	13.10	0.09	1.2	1.395	3.75	14.7	13.4	0.48	1200	9.78	0.23	5.6	16.7	930
\$030611		6.37	13.60	0.09	0.6	0.084	3.52	6.3	18.6	2.27	1530	7.63	1.46	3.8	21.2	1770
\$030612		7.13	13.25	0.11	0.7	0.099	3.55	6.2	16.2	2.50	1700	8.01	1.38	3.6	20.3	1940
\$030613		6.76	13.50	0.10	0.7	0.126	2.75	6.2	24.7	3.09	1980	7.53	1.52	3.3	23.0	1830
\$030614		7.06	14.55	0.10	0.8	0.126	3.17	6.5	16.8	2.61	2010	6.34	1.30	3.8	21.8	1850
\$030615		4.28	14.95	0.12	0.7	0.100	4.40	7.3	43.9	3.48	1640	8.67	1.45	4.9	20.1	1800
\$030616		6.14	15.50	0.15	0.6	0.089	4.58	6.9	42.2	3.09	1700	3.61	1.26	5.0	18.4	1740
\$030617		5.83	13.45	0.10	0.7	0.108	3.64	6.5	21.3	2.59	1900	3.44	1.90	4.4	19.4	1890
\$030618 \$030619 \$030620 \$030621 \$030622		6.66 6.28 0.13 5.86 6.43	15.95 14.45 0.32 14.45 17.05	0.10 0.11 <0.05 0.10 0.07	0.7 0.7 0.1 0.7	0.112 0.131 <0.005 0.136 0.140	3.03 3.03 0.03 2.49 2.57	5.5 5.5 1.1 5.7 5.7	19.7 27.3 1.8 25.7 25.8	2.30 2.91 2.71 2.22 2.23	1880 2140 141 1900 1760	7.35 5.47 0.12 100.5 3.92	1.56 1.83 0.04 2.27 1.78	3.5 3.7 0.1 3.7 3.7	22.5 18.3 0.5 18.8 22.1	1830 1790 80 1660 1810
\$030623		7.16	16.55	0.11	0.7	0.133	1.83	5.7	31.0	2.39	1680	3.88	1.98	3.4	26.2	1760
\$030624		6.06	12.90	0.10	0.6	0.078	3.73	4.9	30.8	3.06	1660	1.99	1.68	3.8	20.9	1810
\$030625		6.43	14.00	0.13	0.6	0.098	2.33	5.7	17.0	2.85	1870	2.18	1.86	3.6	23.5	1730
\$030626		6.87	14.40	0.10	0.7	0.102	2.81	6.3	25.4	3.02	1840	12.00	1.97	3.8	27.6	1890
\$030626CD		6.73	14.10	0.10	0.7	0.096	2.70	6.3	25.3	2.97	1790	11.55	1.98	3.8	27.5	1810



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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	06918	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030589		10.7	62.0	0.060	1.86	2.36	37.9	5	2.9	483	0.20	0.06	1.06	0.369	0.49	0.7
\$030590		139.5	164.5	0.006	2.69	17.60	10.9	3	1.4	182.5	0.26	0.26	2.91	0.242	3.06	1.5
\$030591		14.0	95.6	0.046	2.05	4.09	16.5	3	1.2	236	0.08	<0.05	0.39	0.147	0.69	0.2
\$030592		10.8	96.0	0.024	1.36	2.98	37.6	3	4.0	499	0.21	<0.05	0.91	0.399	0.78	0.7
\$030593		12.5	111.0	0.033	0.34	5.29	38.7	2	3.7	780	0.21	<0.05	0.93	0.409	0.96	0.7
\$030594		12.1	111.0	0.023	1.26	5.85	31.7	2	3.3	682	0.18	<0.05	0.78	0.365	1.03	0.6
\$030595		13.0	107.5	0.032	1.66	7.79	35.6	4	3.6	563	0.21	<0.05	0.84	0.374	1.02	0.7
\$030596		17.1	112.5	0.049	2.02	9.90	30.6	4	2.6	522	0.19	<0.05	0.73	0.335	1.10	0.5
\$030597		16.6	103.5	0.016	1.68	4.72	37.7	2	3.7	601	0.23	0.06	0.92	0.384	1.03	0.7
\$030598		17.4	94.5	0.088	1.93	3.54	38.2	8	4.5	483	0.21	<0.05	0.91	0.392	0.74	0.6
\$030599		17.3	80.8	0.022	1.43	4.85	37.4	4	4.3	709	0.21	0.06	0.92	0.386	0.67	0.8
\$030600		0.8	0.7	<0.002	<0.01	0.10	0.3	1	<0.2	76.6	<0.05	<0.05	0.07	0.007	0.02	0.1
\$030601		14.0	75.0	0.020	1.29	3.72	34.9	3	3.9	747	0.21	<0.05	1.01	0.383	0.61	1.1
\$030602		12.1	58.2	0.120	1.40	3.59	38.3	5	3.2	420	0.20	<0.05	0.90	0.379	0.46	0.9
\$030603		14.1	94.6	0.077	2.44	3.40	36.9	8	1.7	583	0.23	<0.05	0.95	0.405	0.80	0.4
\$030604		23.5	80.6	0.051	2.76	4.93	37.5	9	1.5	786	0.22	0.05	1.05	0.393	0.65	0.5
\$030605		20.1	88.5	0.038	2.12	4.51	38.1	7	1.7	870	0.23	<0.05	1.17	0.398	0.73	0.6
\$030606		12.2	95.4	0.045	1.28	3.50	40.4	4	1.8	670	0.22	<0.05	1.03	0.423	0.77	0.5
\$030606CD		12.6	96.8	0.046	1.36	3.61	41.3	5	1.8	683	0.23	<0.05	1.07	0.421	0.82	0.5
\$030607		13.2	80.0	0.031	1.22	4.52	35.8	6	1.6	1280	0.21	<0.05	1.02	0.415	0.69	0.5
\$030608		15.6	91.2	0.028	2.70	3.14	38.4	16	1.5	732	0.20	<0.05	0.87	0.418	0.70	0.4
\$030609		10.2	91.5	0.039	1.12	8.07	37.7	4	2.4	983	0.21	<0.05	0.97	0.416	0.83	0.7
\$030610		8840	161.5	0.003	3.04	77.2	12.2	3	4.1	145.5	0.35	0.31	3.78	0.257	3.29	2.0
\$030611		16.4	92.0	0.088	1.02	4.16	37.1	4	2.3	1000	0.21	<0.05	0.96	0.399	0.74	0.6
\$030612		16.3	83.9	0.101	1.27	4.27	38.3	6	3.0	877	0.21	<0.05	0.89	0.434	0.71	0.7
\$030613 \$030614 \$030615 \$030616 \$030617		23.0 18.9 22.9 14.9 13.2	72.3 77.7 103.0 106.5 84.0	0.091 0.084 0.052 0.029 0.023	1.51 1.75 1.18 1.89 1.06	4.31 5.30 2.86 3.57 3.66	37.2 38.0 31.7 30.9 36.6	7 7 6 9 6	3.0 2.9 1.5 1.7 3.0	773 949 636 709 677	0.20 0.21 0.30 0.27 0.23	<0.05 <0.05 <0.05 <0.05 <0.05	0.91 0.97 1.00 1.02 1.07	0.408 0.419 0.438 0.418 0.413	0.59 0.60 1.01 1.03 0.78	0.8 0.9 0.5 0.5
\$030618 \$030619 \$030620 \$030621 \$030622		19.0 19.4 0.6 19.4 16.0	67.3 70.4 1.0 71.1 61.4	0.055 0.039 <0.002 0.821 0.037	1.40 2.18 0.01 2.66 1.81	3.66 3.84 0.08 3.15 3.44	36.8 37.8 0.4 34.9 36.2	8 13 1 20 12	3.3 3.7 <0.2 3.7 3.2	808 670 80.9 542 793	0.20 0.21 <0.05 0.21 0.19	0.09 0.07 <0.05 0.07 0.05	0.86 0.91 0.12 0.82 0.91	0.397 0.409 0.008 0.415 0.404	0.68 0.67 0.02 0.68 0.63	0.8 0.8 0.2 0.8
\$030623 \$030624 \$030625 \$030626 \$030626CD		18.1 15.4 24.9 11.2 11.3	42.1 81.3 59.0 72.7 69.5	0.055 0.026 0.032 0.088 0.083	2.84 2.99 3.10 2.47 2.43	3.17 3.37 4.09 4.11 4.01	34.1 34.9 36.1 39.5 39.3	29 23 23 17 14	2.5 1.4 1.9 1.9 2.0	775 634 762 821 791	0.19 0.19 0.18 0.20 0.20	<0.05 <0.05 0.05 <0.05 0.05	0.83 0.79 0.87 0.93 0.91	0.382 0.395 0.372 0.411 0.408	0.43 0.86 0.56 0.71 0.68	0.8 0.7 1.0 0.9



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To: PRETIVM **SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET VANCOUVER BC V7X 1L4** 

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(ALS	,									ERTIFICATE OF ANALYSIS	VA20206918
										ERTHICATE OF ANALTSIS	VA20200510
	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34		
	Analyte	V	W	Υ	Zn	Zr	Si	Ti	Zr		
Sample Description	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5		
S030589		262	1.1	14.6	99	14.3	18.8	0.4	55		
S030590		100	4.2	8.2	462	36.1	28.4	0.3	79		
S030591		103	1.7	28.2	51	5.3	16.2	0.3	20		
S030592		267	1.1	16.1	120	17.0	19.4	0.5	51		
S030593		271	1.5	16.7	138	19.2	21.1	0.4	47		
S030594		234	1.4	15.9	104	15.3	18.0	0.4	38		
S030595		242	1.2	14.6	133	14.0	20.4	0.5	54		
S030596		218	2.4	13.8	112	12.3	17.6	0.4	39		
S030597		265	1.2	15.1	134	17.1	20.2	0.4	54		
S030598		275	1.1	15.8	116	16.0	21.4	0.4	50		
S030599		260	0.9	15.5	104	18.3	21.5	0.4	56		
S030600		2	0.1	2.0	5	1.6	3.4	<0.1	9		
S030601		259	0.9	16.0	121	20.0	21.8	0.5	59		
S030602		264	1.0	15.5	151	16.4	20.6	0.4	52		
S030603		269	8.0	14.9	120	10.8	22.0	0.5	50		
S030604		258	8.0	15.0	159	11.0	21.5	0.4	58		
S030605		265	0.8	17.5	152	13.5	20.8	0.4	61		
S030606		275	0.9	16.9	134	13.7	20.6	0.4	58		
S030606CD		281	0.9	17.4	135	13.9	21.0	0.5	61		
S030607		296	8.0	16.5	102	13.7	20.2	0.4	72		
S030608		271	8.0	16.1	117	12.4	21.3	0.5	59		
S030609		266	4.1	16.2	101	17.0	19.8	0.4	57		
S030610		123	4.3	9.8	1860	45.9	29.1	0.4	78		
S030611		258	1.5	16.2	94	17.3	21.4	0.5	64		
S030612		279	1.2	16.6	108	19.1	21.8	0.5	57		
S030613		275	1.2	15.7	136	17.7	20.8	0.4	55		
S030614		278	1.3	16.2	111	21.5	20.5	0.5	63		
S030615		247	1.3	14.6	118	18.9	21.9	0.6	70		
S030616		236	1.3	15.9	132	12.8	20.6	0.6	75		
S030617		256	1.0	15.8	116	19.0	20.9	0.5	62		
S030618		277	1.1	14.8	94	17.3	21.2	0.5	55		
S030619		273	1.1	15.7	114	17.9	21.4	0.5	58		
S030620		2	<0.1	2.3	4	2.6	3.0	<0.1	<5		
S030621		261	1.6	15.5	125	19.7	18.3	0.5	53		
S030622		290	1.0	15.7	102	18.1	18.4	0.4	57		
S030623		267	1.2	13.8	120	16.8	17.1	0.4	55		
S030624		261	1.1	14.3	234	14.4	21.2	0.5	57		
S030625		255	0.8	15.0	401	17.5	21.3	0.4	52		
S030626		282	1.0	15.7	205	17.8	19.7	0.5	51		
S030626CD		276	0.9	15.6	202	18.5	21.2	0.4	56		



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS)									С	ERTIFIC	CATE O	F ANAL	YSIS	VA202	06918	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030627		5.10	0.248	0.78	7.63	9.2	900	0.66	0.11	8.62	2.98	13.85	33.2	40	0.77	211
\$030628		5.20	0.167	0.64	8.12	9.4	1680	0.63	0.08	6.71	5.02	13.05	28.5	44	1.39	112.0
\$030629		6.44	0.141	0.90	7.89	13.5	730	0.74	0.06	5.85	2.20	12.95	40.9	47	3.59	204
\$030630		0.16	1.330	31.2	6.02	395	90	1.14	0.98	0.68	1.85	29.5	13.8	19	8.85	111.0
\$030631		5.82	0.140	1.06	7.68	13.7	430	0.66	0.06	6.15	1.28	14.80	35.1	41	2.27	205
\$030632		5.22	0.250	0.90	7.61	14.7	310	0.76	0.10	6.83	0.31	13.45	36.2	54	4.04	200
\$030633		5.14	0.139	1.24	7.49	9.6	480	0.57	0.11	7.04	1.13	13.50	47.0	51	1.39	348
\$030634		5.48	0.086	0.88	7.31	9.2	1030	0.73	0.07	7.55	1.68	12.60	21.3	49	1.07	213
\$030635		5.72	0.167	1.38	7.71	9.0	870	0.55	0.08	5.48	0.98	10.35	34.2	47	3.08	341
\$030636		5.92	0.224	1.86	7.67	9.4	450	0.63	0.08	5.51	12.30	14.30	33.7	32	2.36	362
\$030637		5.94	0.198	1.23	8.05	11.5	750	0.62	0.10	8.17	1.47	15.10	27.4	26	0.79	262
\$030638		6.78	0.176	1.21	7.98	14.0	1780	0.70	0.15	8.29	0.64	11.40	29.7	38	0.99	215
\$030639		3.70	0.255	1.22	7.67	11.5	400	0.53	0.11	5.76	0.32	10.45	27.7	48	2.41	273
\$030640		0.50	<0.005	0.02	0.08	0.5	30	<0.05	<0.01	33.8	<0.02	0.98	0.6	3	0.05	2.7
\$030641		5.62	0.305	1.72	7.34	12.6	320	0.55	0.15	6.51	1.90	11.40	39.9	42	1.02	426
\$030642		6.12	0.398	1.66	7.56	9.3	400	0.68	0.17	8.77	4.83	13.40	47.8	52	1.38	455
\$030643		4.86	0.189	0.89	7.62	6.2	1260	0.75	0.09	6.11	0.63	12.00	26.7	29	2.85	253
\$030644		4.14	0.189	1.89	6.90	6.8	220	0.56	0.10	5.04	0.93	8.51	42.2	38	2.01	559
\$030645		3.82	0.257	1.51	6.70	9.1	210	0.55	0.10	4.65	0.81	8.92	42.5	30	1.69	471
\$030646		5.64	0.178	1.14	6.83	6.3	280	0.44	0.11	3.87	1.11	9.70	34.6	44	1.79	349
S030646CD		<0.02	0.208	1.23	7.10	6.8	350	0.53	0.10	4.03	1.11	10.35	34.2	46	1.84	360
S030647		5.94	0.076	0.41	7.39	5.7	1320	0.91	0.07	6.55	0.23	13.20	13.7	55	2.15	91.3
S030648		4.70	0.144	0.63	7.21	10.1	400	0.63	0.08	6.00	0.28	14.90	26.5	17	1.90	159.5
S030649		5.82	0.214	1.14	7.13	5.1	260	0.57	0.10	4.80	0.44	11.10	33.6	39	1.12	349
S030650		0.18	0.992	12.05	6.11	324	330	1.05	0.18	3.61	4.47	25.8	10.9	27	7.20	91.5



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS)									С	ERTIFIC	CATE O	F ANAI	YSIS	VA202	06918	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030627		7.52	15.05	0.11	0.7	0.118	2.39	6.4	20.2	2.84	1840	1.18	1.63	3.8	24.5	1820
\$030628		6.53	14.45	0.09	0.6	0.094	3.07	6.1	31.5	3.08	1760	1.79	2.17	4.3	22.8	1920
\$030629		6.53	14.30	0.10	0.5	0.084	3.45	6.3	40.2	2.77	1380	1.69	1.97	3.9	26.8	1840
\$030630		4.60	13.30	0.11	0.8	0.043	2.78	12.9	10.7	0.37	230	4.79	0.20	6.0	13.9	1290
\$030631		6.94	14.55	0.11	0.6	0.101	3.69	6.7	35.2	3.07	1510	1.16	1.79	5.0	22.3	1970
\$030632		6.40	14.70	0.11	0.4	0.102	3.37	6.3	42.1	2.45	1600	1.69	1.87	3.8	21.8	1720
\$030633		7.99	15.65	0.14	0.7	0.106	2.34	6.0	33.4	1.81	1520	2.22	2.51	3.9	25.6	1830
\$030634		5.44	14.15	0.11	0.6	0.129	2.07	5.7	28.8	2.80	1810	1.38	2.72	4.0	20.4	1730
\$030635		6.23	15.05	0.12	0.4	0.110	3.96	5.0	45.7	3.46	1590	1.21	1.62	4.0	29.3	1810
\$030636		6.35	13.80	0.09	0.6	0.106	3.90	6.2	32.1	2.69	1340	1.55	1.88	4.1	20.3	1830
\$030637		6.09	17.85	0.10	0.8	0.143	1.39	6.7	27.4	2.64	1800	7.60	2.64	4.0	20.7	1910
\$030638		6.52	16.85	0.09	0.7	0.155	2.44	5.1	32.1	2.67	1930	3.32	2.05	4.1	25.2	1860
\$030639		6.51	13.80	0.09	0.4	0.107	4.31	4.9	36.7	2.92	1800	2.16	1.49	3.7	21.7	1750
\$030640		0.14	0.28	<0.05	<0.1	<0.005	0.02	1.1	1.1	2.05	139	0.16	0.03	0.1	0.7	90
\$030641		7.04	13.60	0.10	0.6	0.092	3.74	4.8	25.2	2.07	1560	2.08	1.61	3.9	24.0	1730
\$030642		8.27	16.65	0.13	0.7	0.126	3.32	6.0	27.3	2.08	1920	4.52	1.09	3.7	26.7	1710
\$030643		5.02	14.65	0.11	0.7	0.107	4.67	4.9	23.8	2.10	1690	4.93	1.26	5.1	14.9	1590
\$030644		6.09	12.40	0.12	0.6	0.041	4.45	3.5	15.9	0.90	1040	9.31	1.58	4.5	22.3	1500
\$030645		6.87	14.30	0.11	0.7	0.055	4.50	3.7	13.2	0.82	1060	2.53	1.08	3.8	24.1	1430
\$030646		8.03	14.20	0.12	0.6	0.048	4.25	4.1	11.8	0.82	1120	3.52	0.88	3.8	23.9	1620
\$030646CD		8.15	14.00	0.15	0.6	0.048	4.64	4.4	12.0	0.86	1160	3.67	0.90	3.8	24.6	1680
\$030647		5.45	14.05	0.11	0.7	0.094	4.46	6.3	20.0	2.04	1720	1.77	1.64	4.3	17.5	1700
\$030648		5.60	14.80	0.12	0.8	0.102	4.58	6.8	18.8	1.55	1460	1.42	1.36	7.6	10.2	1700
\$030649		6.09	15.45	0.11	0.7	0.150	3.50	4.5	14.3	1.42	1260	1.77	2.73	4.5	20.6	1570
\$030650		3.92	14.05	0.14	1.2	0.044	3.87	11.6	12.3	0.55	1420	10.85	0.21	5.2	23.4	910



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20206918** 

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											<i>-,</i>	. / (14/ (1			00310	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030627 \$030628 \$030629 \$030630 \$030631		16.3 22.8 27.0 53.0 20.3	60.8 79.0 98.4 125.0 94.4	0.014 0.013 0.026 <0.002 0.014	2.61 1.77 2.96 4.20 3.41	5.15 3.78 4.64 38.4 3.67	37.6 39.6 39.2 14.3 37.4	11 7 16 5 14	2.1 1.8 1.5 2.0 1.6	1140 769 660 137.0 675	0.20 0.22 0.22 0.30 0.28	<0.05 <0.05 <0.05 0.35 0.05	1.00 1.00 0.91 2.79 1.04	0.394 0.441 0.404 0.303 0.439	0.55 0.73 1.01 2.53 1.08	0.9 0.8 0.6 1.0
\$030632		11.9	108.5	0.029	3.36	3.16	39.3	19	1.7	479	0.19	0.08	0.84	0.393	1.01	0.5
\$030633		41.6	56.1	0.066	4.99	4.10	37.3	26	3.1	632	0.20	0.06	0.88	0.398	0.65	0.7
\$030634		68.8	56.7	0.028	2.74	4.38	39.6	16	2.5	667	0.22	<0.05	0.96	0.396	0.55	0.6
\$030635		30.2	98.2	0.054	2.70	3.00	34.4	9	1.6	785	0.21	0.07	0.70	0.425	1.02	0.3
\$030636		48.4	99.0	0.078	3.20	3.44	41.6	10	2.1	847	0.21	0.05	0.78	0.440	0.95	0.5
\$030637		29.2	33.2	0.129	2.71	5.75	44.7	12	2.2	931	0.21	<0.05	0.87	0.459	0.36	0.5
\$030638		43.5	47.6	0.088	3.01	7.17	37.1	13	1.9	986	0.22	0.07	0.84	0.436	0.67	0.4
\$030639		8.8	111.0	0.048	2.98	5.68	37.8	9	1.2	746	0.20	<0.05	0.79	0.413	1.08	0.3
\$030640		<0.5	0.7	<0.002	<0.01	0.08	0.3	2	<0.2	77.1	<0.05	<0.05	0.07	0.006	<0.02	0.1
\$030641		20.1	78.7	0.053	4.29	5.90	34.7	16	1.6	708	0.20	<0.05	0.78	0.394	0.91	0.5
\$030642 \$030643 \$030644 \$030645 \$030646		30.0 19.0 20.6 18.2 16.3	79.2 98.5 86.0 80.8 78.4	0.089 0.021 0.071 0.024 0.036	4.56 2.32 4.12 4.16 3.64	5.25 2.66 2.05 2.60 2.04	38.0 28.3 25.5 24.2 31.7	24 12 21 22 19	2.0 2.3 1.9 2.3 3.0	860 587 385 526 330	0.20 0.28 0.24 0.21 0.19	0.07 0.05 <0.05 0.05 0.07	0.88 0.81 0.80 0.55 0.73	0.395 0.432 0.392 0.371 0.374	0.87 1.36 1.39 1.34 1.44	0.6 0.6 0.5 0.5
\$030646CD		15.7	91.0	0.031	3.71	2.07	32.6	21	3.0	338	0.20	<0.05	0.77	0.390	1.49	0.6
\$030647		10.3	110.5	0.015	1.85	2.02	37.5	8	2.5	447	0.23	<0.05	1.01	0.391	1.04	0.6
\$030648		10.2	103.0	0.019	3.15	1.66	25.1	15	2.9	337	0.42	0.06	1.46	0.402	1.22	0.7
\$030649		9.6	74.5	0.038	3.83	1.60	26.2	18	3.5	295	0.24	<0.05	0.89	0.377	0.86	0.5
\$030650		150.5	168.0	0.012	2.82	19.20	11.0	1	1.6	190.5	0.28	0.33	3.41	0.257	3.22	1.7



To: PRETIVM
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(ALS)									CERTIFICATE OF ANALYSIS VA20206918
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$030627		276	0.7	15.9	253	17.8	19.7	0.4	60
\$030628		272	0.9	16.5	372	16.6	20.4	0.4	57
\$030629		271	0.8	15.2	200	12.8	19.4	0.5	52
\$030630		144	2.4	8.6	204	30.7	33.0	0.4	78
\$030631		286	0.6	17.2	119	13.5	20.5	0.5	57
\$030632		270	1.5	15.2	94	11.2	18.6	0.4	49
\$030633		299	1.0	15.8	109	16.7	18.0	0.4	53
\$030634		323	0.9	15.0	146	15.6	20.6	0.4	54
\$030635		280	0.8	13.9	180	10.5	21.5	0.5	58
\$030636		287	0.8	17.4	530	13.2	21.1	0.5	61
\$030637		309	1.2	16.7	127	20.4	21.0	0.5	56
\$030638		289	1.4	14.8	143	18.1	19.1	0.5	63
\$030639		274	1.2	14.3	145	9.5	19.2	0.6	63
\$030640		2	<0.1	2.1	3	1.3	3.1	<0.1	<5
\$030641		257	0.9	14.4	157	14.3	20.3	0.4	49
\$030642		274	1.0	15.2	260	17.7	19.3	0.4	54
\$030643		253	1.1	15.2	111	17.4	22.0	0.5	60
\$030644		219	3.2	11.2	82	15.0	20.9	0.5	59
\$030645		227	1.9	12.5	76	17.4	21.4	0.5	64
\$030646		258	1.6	12.9	86	16.2	21.9	0.5	53
S030646CD		264	1.8	13.4	89	16.3	21.9	0.5	51
S030647		272	1.3	15.5	73	17.2	20.9	0.5	52
S030648		245	1.3	14.9	54	19.5	20.8	0.5	68
S030649		213	0.8	13.9	50	17.9	21.7	0.4	62
S030650		106	4.7	8.8	484	39.2	26.7	0.4	85



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

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CERTIFICATE	OF ANALYSIS	VA20206918
	VE ANALL 11	VAZUZUUSIO

			CERTIFICATE OF ANA	11313 VA20200910
		CERTIFICATE COMMEN	NTS	
		ANALYTICA	L COMMENTS	
Applies to Method:	REEs may not be totally soluble in the ME-MS61			
		LABORATOR	RY ADDRESSES	
	Processed at ALS Vancouver located			
Applies to Method:	Au-AA23 LOG-21 PUL-32m SPL-21	BAG-01 LOG-21d PUL-32md SPL-21d	CRU-31 LOG-23 PUL-QC WEI-21	CRU-QC ME-MS61 pXRF-34



ALS Canada Ltd. 2103 Dollarton Hwy North Vancouver BC V7H 0A7

Phone: +1 604 984 0221 Fax: +1 604 984 0218

www.alsglobal.com/geochemistry

To: PRETIVM SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET **VANCOUVER BC V7X 1L4** 

Page: 1 Total # Pages: 4 (A - D) **Plus Appendix Pages** Finalized Date: 2-OCT-2020 This copy reported on

> 27-JAN-2021 **Account: PREBOW**

## VA20206926

Project: Bowser Regional Project

P.O. No.: BOW-1124

This report is for 96 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 17-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA **COREY JAMES** LEANNE HAWKINS JULIANNE MADSEN STEPHAINE WAFFORN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	:S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

Page: 2 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 2-OCT-2020 Account: PREBOW

(ALS)	,								С	ERTIFIC	CATE O	VA20206926				
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030651 \$030652 \$030653 \$030654 \$030655 \$030656		4.78 6.30 5.56 4.80 5.18	0.132 0.133 0.110 0.181 0.084	0.94 1.23 1.76 1.86 1.36	8.34 8.15 8.04 7.26 7.07	9.1 9.4 7.9 20.7 34.6	1010 960 270 390 430	0.99 0.93 0.82 0.59 0.67	0.09 0.10 0.15 0.09 0.07	5.76 5.72 6.92 4.08 7.99 5.10	0.21 0.28 4.01 0.59 2.32	14.10 14.95 12.60 9.40 11.10	28.6 32.6 40.9 34.6 28.5	46 44 57 74 34	0.96 1.52 1.04 1.63 1.99	315 415 699 668 459
\$030657		5.28	0.090	1.82	8.59	23.0	890	0.99	0.09	6.05	0.26	9.81	43.9	26	3.45	760
\$030658		5.58	0.123	1.79	7.81	18.6	720	0.96	0.09	7.57	0.62	14.55	53.8	42	3.03	810
\$030659		6.80	0.206	1.28	7.79	9.3	560	0.72	0.10	5.19	0.40	11.80	44.8	50	2.63	648
\$030660		0.50	<0.005	0.02	0.11	0.5	20	0.07	0.01	33.6	<0.02	1.11	1.2	1	0.05	8.4
\$030661		6.14	0.176	0.99	7.38	9.4	540	0.51	0.08	7.02	0.31	14.60	27.3	48	2.83	404
\$030662		5.84	0.147	0.90	7.36	18.7	310	0.61	0.09	6.16	0.29	13.75	32.7	66	3.12	288
\$030663		6.20	0.143	0.79	7.22	11.5	270	0.53	0.11	4.40	0.25	8.46	30.9	51	2.60	231
\$030664		4.72	0.115	0.57	7.36	7.4	330	0.67	0.09	4.48	0.20	11.60	28.8	57	4.64	166.0
\$030665		6.30	0.118	0.76	6.97	8.2	350	0.84	0.14	6.16	0.29	12.15	31.9	92	3.23	197.0
\$030666		5.96	0.120	0.39	6.47	6.6	470	0.92	0.13	6.67	0.50	10.35	23.6	152	2.51	72.6
\$030666CD		<0.02	0.122	0.43	6.49	6.2	570	0.83	0.12	6.82	0.49	10.50	23.5	159	2.65	66.1
\$030667		6.06	0.189	0.45	6.89	10.7	500	0.84	0.14	5.88	0.97	12.30	30.0	130	3.74	66.9
\$030668		6.12	0.215	0.78	6.31	9.3	240	0.67	0.14	7.56	0.25	14.10	33.9	154	1.73	217
\$030669		4.90	0.216	0.89	6.35	12.9	310	0.59	0.12	7.94	0.27	13.30	30.7	163	1.27	257
\$030670		0.18	5.43	85.1	6.40	313	320	0.93	1.17	2.03	23.2	25.2	11.1	24	7.94	123.5
\$030671		6.28	0.342	0.46	6.78	8.1	960	0.65	0.11	8.23	0.18	13.30	15.2	165	1.54	115.0
\$030672		5.40	0.341	1.52	6.94	33.6	710	0.86	0.15	8.26	3.99	15.60	23.8	59	2.21	367
\$030673		5.64	0.160	1.16	7.71	9.0	940	0.86	0.13	5.55	2.32	15.35	34.5	15	1.32	441
\$030674		5.88	0.129	0.95	7.83	8.8	2260	0.91	0.11	5.80	3.37	15.15	17.3	17	1.16	314
\$030675		6.14	0.111	0.97	7.80	7.2	690	0.63	0.11	4.33	5.00	13.45	19.2	14	1.43	379
\$030676		6.32	0.188	1.41	7.60	10.6	480	0.92	0.14	4.64	0.19	15.55	27.2	16	1.79	443
\$030677		5.40	0.061	0.51	7.27	5.7	2180	1.00	0.09	5.33	0.77	15.10	13.0	17	2.29	157.0
\$030678		7.40	0.167	0.64	7.07	5.0	760	0.79	0.11	3.86	0.95	14.40	24.3	19	3.13	318
\$030679		5.22	0.800	2.06	7.07	10.3	1190	1.19	0.10	4.93	1.70	13.75	21.0	14	3.90	272
\$030680		0.50	0.007	0.02	0.12	<0.2	30	0.05	0.01	33.3	0.02	1.03	0.6	2	0.07	3.2
\$030681		5.36	0.133	3.98	6.98	20.8	590	0.64	0.09	8.05	2.16	15.95	15.5	13	1.75	241
\$030682		6.40	4.15	3.30	6.90	13.7	390	0.73	0.07	7.66	8.77	20.2	7.6	12	2.14	93.2
\$030683		6.04	0.114	0.91	7.50	13.8	830	0.72	0.05	7.22	0.98	17.40	6.0	14	3.01	78.1
\$030684		6.20	0.262	0.86	7.57	9.4	930	0.85	0.14	5.06	0.36	14.70	22.5	14	3.18	308
\$030685		6.26	0.326	1.01	7.13	8.4	340	0.78	0.17	6.75	0.32	19.25	36.6	10	3.39	455
\$030686		7.40	0.115	1.75	7.26	11.3	470	0.91	0.09	4.63	0.50	14.20	20.2	12	4.96	214
\$030686CD		<0.02	0.115	1.85	7.09	12.6	480	0.95	0.08	4.53	0.55	14.30	20.2	11	5.15	215
\$030687		5.56	0.116	3.31	6.66	16.8	550	0.94	0.11	4.24	1.43	18.00	18.1	17	4.47	178.0
\$030688		5.80	0.108	1.47	7.41	7.5	600	0.92	0.10	3.29	0.45	14.25	20.3	15	3.40	207



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20206926** 

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									CERTIFICATE OF ANALTSIS				VA20200920			
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030651		4.90	14.35	0.13	0.7	0.248	1.30	5.1	43.4	3.10	1640	0.75	3.84	4.3	20.1	1690
\$030652		5.37	13.95	0.16	0.8	0.122	2.80	5.7	40.6	3.15	1640	2.23	2.94	4.9	20.8	1800
\$030653		7.32	15.75	0.15	0.6	0.065	3.52	5.5	24.5	2.41	1700	1.92	2.12	4.4	25.0	1720
\$030654		5.21	14.35	0.16	0.6	0.030	4.47	4.0	15.7	0.70	876	2.00	3.04	4.6	28.9	1620
\$030655		4.96	11.85	0.15	0.6	0.076	4.07	5.2	23.8	1.23	1470	3.81	2.34	3.8	18.5	1790
\$030656		5.56	14.25	0.13	0.6	0.077	1.58	3.6	36.3	1.79	1360	2.40	4.08	3.7	20.4	2090
\$030657		5.84	14.95	0.16	0.7	0.061	2.56	4.4	33.6	1.78	1400	5.00	3.84	3.9	19.6	2200
\$030658		6.16	14.00	0.16	1.3	0.081	1.89	5.9	38.7	2.26	1660	2.98	3.11	3.7	26.3	1880
\$030659		6.52	13.35	0.15	0.5	0.083	3.19	4.9	32.8	2.43	1430	2.03	2.61	4.1	25.5	1930
\$030660		0.19	0.34	0.05	<0.1	<0.005	0.02	1.2	2.1	2.89	162	0.07	0.04	0.1	0.8	90
\$030661 \$030662 \$030663 \$030664 \$030665		5.00 6.33 5.92 5.88 6.46	12.55 12.50 11.95 13.05 12.65	0.14 0.16 0.16 0.14 0.14	0.3 0.3 0.4 0.4	0.024 0.050 0.046 0.043 0.078	4.66 4.91 4.72 4.72 4.79	6.5 5.7 3.3 4.4 4.9	35.2 39.8 41.2 48.6 47.5	1.95 2.21 2.10 2.51 3.36	1420 1540 1300 1350 1780	19.55 3.21 3.43 2.32 3.79	1.12 0.91 0.66 0.40 0.88	3.8 3.2 3.9 4.0 3.5	23.5 27.2 23.1 22.2 37.6	1680 1580 1830 1840 1660
\$030666		5.24	12.70	0.12	0.5	0.077	4.51	4.5	41.2	3.72	1980	1.95	0.69	3.5	41.2	1710
\$030666CD		5.37	12.70	0.11	0.5	0.078	4.94	4.5	41.8	3.83	2030	1.31	0.70	3.3	40.3	1730
\$030667		5.57	13.10	0.13	0.6	0.058	4.45	5.6	35.2	2.84	1780	1.80	0.56	3.7	36.6	1750
\$030668		5.78	11.70	0.13	0.5	0.074	3.99	6.3	24.9	1.94	1750	1.12	1.35	3.3	40.2	1770
\$030669		5.59	11.65	0.12	0.5	0.078	3.84	6.3	18.9	1.89	1530	1.44	1.34	3.4	38.3	1740
\$030670		5.02	14.15	0.09	1.3	1.345	3.85	12.0	12.3	0.50	1220	10.35	0.23	5.9	16.7	990
\$030671		4.57	14.70	0.10	0.5	0.123	4.27	6.3	22.0	2.04	1550	2.95	1.18	3.5	32.9	1780
\$030672		4.65	15.05	0.10	0.6	0.131	2.09	7.2	26.1	2.26	1680	2.62	2.22	5.3	18.2	1740
\$030673		5.09	16.55	0.08	0.7	0.089	1.45	7.2	32.6	2.68	1460	1.82	3.49	6.7	7.5	1880
\$030674		4.25	18.85	0.13	0.8	0.102	4.31	6.7	19.7	2.02	1300	2.91	2.01	7.4	6.3	1780
\$030675		4.36	13.35	0.12	0.7	0.088	4.84	5.7	22.2	2.03	1140	11.95	1.43	6.6	5.5	1940
\$030676		5.74	16.85	0.12	0.7	0.095	4.38	6.6	33.1	2.64	1360	4.66	1.85	7.6	7.9	2030
\$030677		3.67	14.25	0.11	0.7	0.067	4.69	6.9	22.1	2.63	1360	2.35	1.47	6.7	6.5	1600
\$030678		4.50	15.75	0.11	0.7	0.055	4.47	6.3	22.5	2.09	1120	3.64	1.56	7.0	8.4	1800
\$030679		4.55	17.30	0.12	0.6	0.061	4.12	5.9	19.4	1.70	1050	3.38	1.52	8.0	7.4	1870
\$030680		0.15	0.35	0.06	<0.1	0.007	0.06	1.1	1.3	1.91	151	0.17	0.03	0.2	0.7	80
\$030681		3.94	15.20	0.11	0.5	0.039	2.06	7.9	16.4	1.36	1530	3.65	2.54	6.6	15.1	2360
\$030682		3.27	16.60	0.12	0.6	0.102	2.04	9.8	5.6	1.44	1570	2.87	2.81	6.7	34.8	2240
\$030683		2.19	17.45	0.16	0.7	0.048	2.95	8.1	4.5	1.48	1120	1.28	3.20	7.4	24.9	2560
\$030684		4.76	18.20	0.10	0.8	0.057	3.35	6.5	12.4	1.39	1100	1.43	3.05	7.4	16.1	2560
\$030685		6.33	16.60	0.14	0.7	0.082	2.65	8.4	16.7	1.40	1320	1.25	2.87	7.2	15.0	2460
\$030686		5.41	16.70	0.09	0.7	0.053	4.52	6.7	11.9	2.16	846	7.29	0.61	7.2	7.3	2080
\$030686CD		5.27	16.85	0.10	0.6	0.053	4.77	6.7	11.9	2.07	817	7.65	0.54	7.2	7.1	1970
\$030687		4.48	14.85	0.09	0.7	0.048	4.42	8.8	11.5	2.20	747	2.54	0.53	6.4	9.0	1580
\$030688		5.18	17.55	0.09	0.6	0.044	4.74	6.3	22.9	2.37	771	3.45	0.91	8.0	7.6	2000



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20206926** 

Page: 2 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 2-OCT-2020 Account: PREBOW

								<u></u>	CERTIFICATE OF ANALTSIS		VAZUZ					
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030651		14.4	37.0	0.034	2.40	3.73	32.2	11	2.4	648	0.24	<0.05	1.06	0.406	0.30	0.5
\$030652		15.2	68.6	0.076	2.85	4.12	32.8	13	2.0	810	0.27	<0.05	1.13	0.424	0.71	0.5
\$030653		25.7	81.0	0.112	4.45	2.76	33.3	22	1.5	500	0.24	0.09	1.01	0.392	0.82	0.5
S030654 S030655		8.5 12.8	103.0 105.0	0.084 0.069	3.63 2.98	1.47	35.1 40.6	16 15	1.7	180.0 242	0.25 0.19	0.06 <0.05	1.08	0.381 0.409	1.17	0.6
\$030656		10.8	47.9	0.086	2.92	1.80	44.5	15	2.5	360	0.19	0.06	0.89	0.479	0.50	0.4
\$030657		8.9	83.3	0.115	3.55	4.42	46.2	18	2.5	397	0.21	<0.05	1.00	0.493	0.81	0.5
\$030658		10.7	70.8	0.120	3.99	5.80	40.7	21	2.4	415	0.20	0.05	1.04	0.415	0.63	0.6
\$030659		11.0	80.4	0.082	3.94	3.32	40.0	19	2.1	546	0.23	0.06	0.82	0.407	0.81	0.4
\$030660		0.6	0.8	<0.002	0.04	0.09	0.6	1	<0.2	83.5	<0.05	<0.05	0.11	0.008	<0.02	0.1
\$030661		8.8	111.5	0.184	2.79	2.02	34.0	14	1.1	382	0.19	<0.05	0.82	0.368	1.45	0.4
\$030662		9.2	130.0	0.021	3.74	3.33	36.8	19	0.9	498	0.17	0.06	0.79	0.343	1.31	0.3
\$030663		10.7	95.0	0.017	3.65	4.86	36.2	17	1.0	488	0.22	0.07	0.61	0.386	1.77	0.3
\$030664		9.6	108.0	0.010	3.43	2.98	35.9	15	0.9	428	0.21	<0.05	0.71	0.393	1.68	0.3
\$030665		11.2	135.0	0.019	3.63	3.58	38.2	16	1.1	410	0.20	0.06	0.94	0.358	1.15	0.4
\$030666		13.9	108.5	0.010	2.49	2.58	41.9	12	1.4	440	0.20	0.08	1.05	0.354	1.18	0.4
\$030666CD		11.4	121.5	0.009	2.47	2.28	42.0	12	1.3	440	0.19	0.05	1.07	0.364	1.23	0.4
\$030667		9.8	113.0	0.004	3.19	1.98	41.8	14	1.2	425	0.20	0.08	1.00	0.372	1.52	0.4
\$030668		11.4	92.7	0.014	3.87	2.12	39.2	18	1.7	381	0.18	0.07	1.06	0.362	0.92	0.5
\$030669		11.6	91.3	0.019	3.41	2.58	39.7	18	2.0	432	0.18	0.05	1.03	0.348	0.93	0.5
\$030670		8980	147.5	0.006	3.09	77.6	11.7	3	4.3	144.0	0.35	0.30	3.65	0.258	3.38	2.1
\$030671		14.7	98.5	0.017	2.18	3.85	41.6	10	3.2	428	0.18	0.07	1.09	0.362	1.02	0.6
\$030672		56.3	61.9	0.032	2.58	56.3	32.8	10	2.7	535	0.29	0.05	1.17	0.431	0.63	0.5
\$030673		16.7	37.0	0.039	2.92	4.94	29.4	12	2.1	660	0.35	0.05	1.14	0.504	0.35	0.5
\$030674		32.9	83.2	0.056	1.90	4.88	20.1	7	1.4	697	0.37	0.10	1.31	0.432	0.97	0.5
\$030675		13.9	82.1	0.116	2.39	3.61	22.0	6	1.4	566	0.37	0.05	1.02	0.472	1.20	0.4
\$030676		13.0	89.7	0.070	3.52	6.24	26.0	10	1.7	668	0.40	0.10	1.10	0.519	1.01	0.5
\$030677		13.4	98.3	0.032	1.67	3.68	20.3	6	1.6	402	0.36	0.05	1.42	0.396	1.33	0.6
\$030678		13.0	91.7	0.031	2.56	4.01	24.3	10	1.9	422	0.39	0.05	1.34	0.415	1.30	0.5
\$030679		63.4	94.9	0.033	2.49	28.4	23.1	11	2.3	465	0.42	0.05	1.21	0.468	1.25	0.4
\$030680		0.9	1.7	<0.002	0.02	0.18	0.4	<1	<0.2	85.9	<0.05	<0.05	0.07	0.008	0.02	0.1
\$030681		157.5	58.2	0.043	2.19	90.9	39.7	12	3.2	569	0.35	0.07	1.49	0.526	0.55	0.6
\$030682		164.5	60.1	0.029	1.37	26.5	37.6	8	5.0	504	0.35	<0.05	1.48	0.511	0.55	0.6
\$030683		38.6	86.7	0.008	0.74	19.50	33.1	4	3.8	392	0.41	<0.05	1.42	0.613	0.83	0.6
\$030684		11.5	88.2	0.026	3.04	13.20	31.1	14	3.6	398	0.38	0.06	1.30	0.633	0.88	0.5
\$030685		15.8	74.0	0.043	4.49	17.70	38.1	17	3.3	497	0.38	0.12	1.27	0.581	0.75	0.6
\$030686		8.1	96.6	0.013	3.08	20.8	27.7	6	1.6	553	0.37	0.07	1.16	0.493	1.54	0.5
\$030686CD		7.6	102.5	0.013	3.03	22.1	26.8	7	1.4	545	0.37	0.07	1.23	0.478	1.54	0.5
\$030687		106.5	116.0	0.006	2.22	40.1	16.0	3	1.1	602	0.36	0.07	1.61	0.316	1.30	0.7
\$030688		12.9	87.6	0.006	2.54	17.10	22.2	4	1.3	460	0.41	0.09	1.12	0.473	1.63	0.5



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20206926** 

Page: 2 - D Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 2-OCT-2020 Account: PREBOW

										LICTIFICATE OF ANALISIS	VA20200920
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5		
	LOD	'		0.1		0.3	0.5				
S030651		243	8.0	17.2	63	20.8	21.7	0.3	66		
S030652		237	1.0	18.3	72	26.4	21.5	0.4	71		
S030653		245	1.3	16.3	175	16.6	20.1	0.4	57		
S030654		252	2.6	12.6	65	16.9	23.3	0.4	51		
S030655		303	5.8	16.2	89	14.2	19.8	0.5	52		
S030656		380	6.7	13.1	81	14.7	20.5	0.4	50		
S030657		372	6.5	13.9	69	16.5	19.4	0.5	54		
S030658		291	2.4	19.5	97	16.7	18.0	0.4	50		
S030659		270	1.4	16.5	93	14.5	20.1	0.4	53		
S030660		3	0.1	2.3	5	1.9	3.2	<0.1	9		
S030661		241	4.6	17.0	90	8.7	18.7	0.5	44		
S030662		250	1.9	17.7	103	8.9	19.2	0.5	51		
S030663		263	2.4	14.3	99	8.8	19.9	0.5	48		
S030664		261	2.3	17.4	100	9.5	19.6	0.5	50		
S030665		262	1.2	15.2	97	11.9	19.2	0.5	56		
S030666		258	1.0	12.5	102	10.4	20.7	0.5	57		
S030666CD		263	1.0	12.5	102	10.5	20.8	0.5	53		
S030667		250	1.4	15.3	124	15.2	18.6	0.5	54		
S030668		247	1.8	14.8	62	13.5	18.6	0.4	48		
S030669		239	1.4	13.6	53	11.5	19.5	0.4	50		
S030670		126	4.3	9.0	1880	49.9	28.7	0.4	70		
S030671		249	1.6	13.7	55	12.2	17.7	0.4	57		
S030672		260	4.3	17.6	268	18.0	20.0	0.4	59		
S030673		263	2.4	17.9	166	14.8	21.2	0.5	70		
S030674		195	2.6	16.3	188	18.0	22.2	0.5	69		
S030675		223	1.4	14.6	268	14.6	22.8	0.6	71		
S030676		254	1.5	16.8	109	15.0	20.9	0.6	73		
S030677		203	1.5	16.7	105	18.9	22.9	0.5	69		
S030678		219	1.8	15.1	97	18.9	23.3	0.5	74		
S030679		229	3.7	14.7	138	14.3	21.6	0.5	82		
S030680		3	<0.1	2.1	3	1.4	3.9	<0.1	10		
S030681		305	13.0	17.5	150	12.0	20.0	0.6	70		
S030682		304	8.0	15.7	601	12.3	20.1	0.6	65		
S030683		324	5.5	16.7	80	14.7	20.3	0.7	71		
S030684		325	5.7	15.2	52	17.6	20.1	0.7	68		
S030685		336	6.0	17.8	59	16.1	18.3	0.6	55		
S030686		285	4.9	12.6	62	15.5	20.2	0.6	68		
S030686CD		270	4.6	12.2	62	15.8	20.3	0.6	64		
S030687		173	6.5	10.0	109	19.5	23.4	0.5	70		
S030688		246	1.9	14.0	84	17.1	22.4	0.6	83		
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To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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**CERTIFICATE OF ANALYSIS** 

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VA20206926

								<u> </u>								
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030689		6.02	0.198	0.73	7.44	5.1	380	1.02	0.08	3.64	0.21	13.85	18.6	9	2.65	223
\$030690		0.14	1.295	28.0	5.72	382	130	1.09	0.94	0.63	1.66	25.7	12.6	18	7.95	107.5
\$030691		6.34	0.192	0.94	7.21	4.3	260	0.74	0.09	3.43	0.29	15.15	22.3	12	1.89	277
\$030692		5.30	0.177	1.03	7.33	5.1	300	0.59	0.08	4.28	0.37	16.05	21.8	13	1.39	331
\$030693		6.28	0.159	0.99	7.62	17.2	230	0.79	0.10	4.24	0.25	18.10	19.6	10	1.45	350
\$030694		5.76	0.140	0.78	7.43	5.4	580	0.70	0.10	4.11	0.25	16.45	22.8	12	1.14	275
\$030695		5.40	0.124	0.65	7.29	4.9	580	1.01	0.11	5.30	0.65	17.45	23.8	12	1.97	251
\$030696		5.54	0.078	0.45	7.06	19.4	1320	0.63	0.14	2.62	0.75	11.45	14.4	14	3.93	145.0
\$030697 \$030698 \$030700 \$030701 \$030702 \$030703		5.66 5.72 5.14 0.50 5.14 6.32 6.40	0.117 0.094 0.133 <0.005 0.271 0.227 0.137	0.71 1.08 0.62 0.02 1.52 0.75 0.60	7.46 7.08 6.35 0.16 6.83 6.98 7.04	15.6 18.9 15.4 0.6 14.7 15.0 14.3	960 840 640 30 170 200 260	0.79 0.95 0.82 0.05 0.59 0.89 0.76	0.11 0.09 0.12 0.02 0.14 0.17 0.13	3.38 4.87 5.39 35.8 4.26 3.36 5.64	0.81 12.65 0.60 0.04 0.42 0.61 0.71	13.95 14.10 17.90 1.21 12.50 13.80 15.20	9.8 1.1 18.2 19.1 20.1	14 9 6 2 17 15 20	5.79 8.24 6.75 0.35 3.40 4.63 5.32	215 68.3 52.5 6.1 189.0 148.5 102.0
S030704 S030705 S030706 S030706CD S030707		5.60 5.46 7.22 <0.02 5.28	0.098 0.155 0.078 0.069 0.070	0.75 1.76 1.38 1.23 0.93	7.00 7.09 7.09 7.08 6.55	9.7 18.1 27.4 25.0 32.0	340 440 610 580 630	0.59 0.56 0.78 0.69 0.78	0.10 0.11 0.08 0.10 0.11	5.40 4.22 7.74 6.89 10.45	3.50 2.25 1.35 1.26 0.41	15.85 14.70 18.60 17.45 15.45	14.5 15.1 12.2 11.8 9.0	17 17 15 15	3.61 3.71 5.72 5.50 5.44	99.9 155.0 139.0 134.5 107.5
\$030708		6.26	0.177	0.45	6.76	18.1	300	0.77	0.18	3.84	0.53	13.90	17.9	22	4.17	92.4
\$030709		6.64	0.162	0.46	7.49	5.7	360	1.18	0.16	4.57	1.89	14.85	20.7	21	4.38	59.2
\$030710		0.18	0.949	12.60	6.30	335	270	1.02	0.18	3.74	4.88	25.8	10.9	27	7.38	84.4
\$030711		6.20	0.188	0.72	7.07	5.7	280	0.74	0.23	4.04	1.02	17.40	18.2	17	2.81	120.5
\$030712		6.24	0.146	0.53	7.27	5.1	360	0.85	0.21	3.39	0.37	18.00	15.9	23	4.54	122.0
\$030713		6.84	0.585	0.80	6.84	4.1	270	0.88	0.18	4.75	0.39	16.20	15.1	20	3.08	206
\$030714		5.64	0.293	0.90	6.79	4.3	270	0.82	0.19	4.07	3.54	13.30	24.0	22	2.25	241
\$030715		6.68	0.167	0.52	7.43	4.1	1030	1.10	0.14	4.10	0.23	14.65	15.9	26	4.09	130.0
\$030716		5.64	0.124	0.56	6.91	6.2	1670	1.16	0.11	2.97	0.42	13.95	9.1	26	4.27	75.2
\$030717		4.12	0.134	0.68	6.61	8.4	1270	0.92	0.14	3.08	1.38	15.65	13.2	32	5.50	233
\$030718		3.50	0.224	0.68	6.73	7.0	660	0.80	0.12	3.57	0.33	16.75	16.2	24	6.02	172.5
\$030719		1.92	0.599	1.62	6.58	11.4	920	0.78	0.16	4.01	0.41	16.95	12.1	24	3.57	148.5
\$030720		0.62	<0.005	0.02	0.12	<0.2	30	0.08	0.02	31.6	0.03	1.02	0.8	2	0.11	2.4
\$030721		2.16	0.242	1.61	7.47	38.0	240	0.96	0.16	2.71	0.37	16.70	20.9	15	6.36	179.0
\$030722		2.66	0.164	1.59	7.62	16.9	270	1.04	0.12	1.12	0.53	14.15	22.3	15	3.80	159.0
\$030723		4.18	0.156	0.51	7.68	10.5	290	0.94	0.12	1.36	0.25	16.70	23.9	13	3.13	124.0
\$030724		3.26	0.147	0.81	6.60	17.5	440	0.90	0.13	4.11	1.16	16.80	14.6	8	6.63	118.0
\$030725		7.04	0.114	0.54	6.81	10.6	600	0.99	0.11	3.71	0.12	22.2	9.5	5	9.73	96.7
\$030726		5.30	0.096	0.61	7.07	5.0	280	0.59	0.13	2.71	0.24	13.70	17.2	14	3.55	134.0
\$030726CD		<0.02	0.101	0.57	6.84	5.8	250	0.54	0.12	2.68	0.18	13.55	17.8	15	3.49	132.0



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**CERTIFICATE OF ANALYSIS VA20206926** 

Page: 3 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 2-OCT-2020 Account: PREBOW

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Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
S030689		5.57	16.70	0.10	0.6	0.040	4.60	6.3	22.3	2.35	793	2.31	1.26	6.9	5.6	1820
S030690		4.46	13.30	0.10	0.9	0.033	2.69	11.6	9.2	0.36	218	4.79	0.19	5.6	13.2	1230
S030691		6.26	16.00	0.14	0.6	0.052	4.38	7.1	23.0	2.72	843	2.39	1.90	6.9	7.2	2040
S030692		5.98	16.10	0.12	0.6	0.035	3.84	7.3	22.8	2.43	835	5.40	2.43	7.4	6.8	2260
S030693		5.70	15.55	0.12	0.7	0.037	2.90	8.3	23.8	2.55	850	10.80	3.07	7.5	6.0	2260
S030694		4.98	16.10	0.12	0.8	0.036	2.95	7.2	15.3	2.17	814	7.05	3.52	7.8	7.3	2260
S030695		5.22	15.95	0.13	0.7	0.077	2.94	8.8	22.7	2.59	1060	1.79	2.66	7.0	6.3	1940
S030696		3.20	15.55	0.10	0.9	0.018	4.09	5.1	3.5	0.48	340	7.31	1.76	7.5	6.2	1840
S030697		4.37	17.20	0.10	0.8	0.014	4.56	6.4	4.4	0.76	469	4.45	1.62	8.0	5.3	2000
S030698		3.68	16.95	0.13	1.1	0.047	4.45	6.0	5.6	0.97	750	1.38	0.85	7.2	2.1	1340
S030699		3.64	15.30	0.14	0.9	0.034	4.50	8.7	6.2	0.90	746	3.76	0.79	6.2	2.9	1280
S030700		0.20	0.43	0.07	0.1	0.005	0.07	1.3	1.0	1.54	144	0.17	0.04	0.2	0.7	90
S030701		5.61	14.00	0.10	0.5	0.053	4.50	5.1	12.5	1.16	752	1.93	0.89	6.4	5.9	1910
S030702		5.37	15.50	0.12	0.6	0.053	4.47	5.9	12.1	1.31	729	3.48	0.67	6.2	8.2	1780
S030703		4.88	15.15	0.12	0.6	0.048	4.80	6.6	15.2	1.46	728	1.69	0.71	6.4	7.5	1720
S030704		4.51	14.95	0.11	0.6	0.064	4.77	7.0	15.9	1.50	897	1.46	0.88	6.3	7.4	1730
S030705		4.15	14.70	0.12	0.5	0.047	4.71	6.3	4.2	1.32	892	1.36	0.83	6.3	7.5	1640
S030706		3.32	15.50	0.12	0.5	0.046	4.57	8.5	6.2	1.31	1380	1.71	0.67	6.3	7.9	1720
S030706CD		3.26	14.65	0.15	0.6	0.040	4.68	7.8	6.1	1.29	1250	1.20	0.69	6.3	7.2	1810
S030707		2.53	13.15	0.12	0.7	0.044	4.37	7.3	7.9	0.98	1920	6.18	0.34	6.0	5.7	1490
S030708		4.41	14.70	0.15	0.7	0.102	4.50	6.3	24.7	1.63	803	1.62	0.62	6.5	8.8	1520
S030709		5.38	15.70	0.11	0.7	0.078	4.54	6.7	24.8	2.38	970	0.93	1.02	6.7	8.0	2110
S030710		4.04	13.65	0.13	1.2	0.049	3.98	11.9	12.9	0.56	1410	9.98	0.21	5.0	21.3	960
S030711		5.34	16.20	0.13	0.8	0.087	4.75	8.7	17.5	1.14	622	2.32	0.89	7.1	7.9	1720
S030712		4.39	16.30	0.13	0.9	0.060	4.72	8.5	16.4	1.07	569	2.13	0.74	8.3	7.9	1710
S030713		5.29	15.05	0.15	0.7	0.115	4.56	7.9	25.5	2.37	927	3.64	0.86	6.3	6.7	1550
S030714		5.63	14.85	0.15	0.7	0.084	4.07	5.7	21.8	2.02	821	0.66	1.61	5.8	12.0	1800
S030715		3.93	15.85	0.16	0.6	0.058	4.88	6.5	19.0	1.82	744	0.94	1.59	6.1	10.8	1750
S030716		2.79 3.44	16.25 15.80	0.14 0.14	0.7 0.8	0.044 0.040	4.25 4.22	5.9 6.5	16.3 17.7	1.55 1.41	581 566	1.11 1.85	1.45 1.20	7.1 5.7	12.0 17.5	1540 1040
S030717																
S030718		4.25	15.50	0.15	0.7	0.023	4.93	7.1	26.4	1.33	552	1.32	0.85	6.2	11.5	1430
S030719		3.44	13.60	0.14	0.7	0.040	4.71	8.0	20.2	0.86	543	2.71	1.03	6.4	10.6	1380
S030720		0.17	0.43	0.07	0.1	< 0.005	0.04	1.1	1.6	4.19	153	0.14	0.04	0.2	0.7	90
S030721		5.65	16.55	0.15	0.6	0.058	4.95	7.6	40.0	2.00	424	3.20	0.70	6.8	6.8	1840
S030722		5.71	18.40	0.14	0.4	0.031	4.72	6.2	49.6	2.52	336	4.20	0.88	6.8	6.4	2000
S030723		5.70	18.50	0.17	0.5	0.095	4.84	7.5	44.1	2.47	462	2.89	1.14	7.2	7.4	2020
S030724		4.05	15.30	0.13	1.0	0.037	4.43	7.7	17.2	0.97	556	5.25	0.48	5.7	4.2	1280
S030725		3.37	16.55	0.13	1.1	0.018	4.13	9.9	18.0	0.98	505	9.35	0.57	5.8	2.5	1200
S030726		4.36	14.20	0.14	0.5	0.031	4.52	6.2	20.6	1.31	544	6.82	1.00	6.1	7.2	1630
S030726CD		4.34	13.45	0.13	0.4	0.029	4.13	6.0	20.2	1.28	527	6.38	0.94	5.8	7.1	1590



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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**CERTIFICATE OF ANALYSIS VA20206926** 

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								<u> </u>	CERTIFICATE OF ANALTSIS			_ 1 313	VA20200920			
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S030689		7.1	87.5	0.004	2.99	3.24	26.0	5	1.7	519	0.36	0.05	0.99	0.491	1.27	0.4
S030690		48.1	115.5	<0.002	3.98	33.5	13.0	6	1.7	128.5	0.29	0.33	2.55	0.290	2.36	0.9
S030691		6.3	83.0	0.005	3.55	2.41	34.1	6	1.8	404	0.35	0.06	0.97	0.535	0.96	0.5
S030692 S030693		8.7 6.7	75.8 63.9	0.013 0.057	3.65 3.38	1.75 1.47	33.6 32.0	9 12	1.5 2.3	327 391	0.39 0.40	0.06 0.08	1.23 1.39	0.534 0.516	0.89 0.63	0.6 0.7
\$030694		8.0	56.3	0.031	2.91	1.28	32.1	14	2.5	372	0.42	0.06	1.26	0.533	0.65	0.5
\$030695		12.2	69.0	0.003	2.93	2.64	28.1	11	2.2	526	0.37	0.07	1.28	0.463	0.74	0.6
\$030696		18.4	93.1	0.009	2.11	3.13	15.4	7	2.1	256	0.42	<0.05	1.40	0.396	1.52	0.6
\$030697		31.4	118.5	0.010	2.95	6.72	20.2	11	3.0	258	0.44	0.05	1.40	0.469	1.30	0.6
\$030698 \$030699 \$030700 \$030701		113.0 32.2 1.8 14.2	119.0 122.0 2.7 103.0	0.002 0.010 <0.002 0.005	2.63 2.60 0.08 4.21	3.73 0.14 3.63	10.8 14.5 0.4 28.5	9 9 1 12	2.3 1.6 <0.2 1.8	283 222 99.5 231	0.39 0.33 <0.05 0.38	0.05 0.06 <0.05 0.06	2.20 1.68 0.09 0.99	0.359 0.351 0.010 0.495	1.38 1.42 0.12 1.96	0.8 0.1 0.4
\$030702 \$030703 \$030704		16.9 19.9 41.2	105.5 128.5 116.0	0.018 0.006 0.005	3.75 3.59 2.89	5.90 9.97 12.55	23.7 23.6 26.4	12 10	1.6 1.6 2.1	264 304 353	0.37 0.37	<0.05 <0.05 <0.05	1.08 1.12 1.03	0.433 0.440 0.444	2.12 2.06 1.82	0.5 0.4 0.4
\$030705		83.8	99.7	0.003	2.70	33.2	22.3	9	1.4	406	0.37	<0.05	1.02	0.424	1.85	0.4
\$030706		32.9	130.0	<0.002	2.34	18.00	25.7	9	1.7	394	0.35	<0.05	1.10	0.444	1.95	0.5
\$030706CD		31.4	122.0	0.002	2.29	15.65	25.2	8	1.6	376	0.36	<0.05	1.08	0.450	1.96	0.4
\$030707		12.1	128.0	0.006	1.91	3.61	17.4	7	1.5	399	0.36	<0.05	1.37	0.342	2.03	0.5
\$030708		14.4	110.0	0.004	3.03	2.75	16.0	10	2.1	239	0.40	<0.05	1.35	0.331	1.99	0.5
\$030709		48.1	95.3	0.002	3.29	2.32	24.8	7	1.8	344	0.40	0.05	1.03	0.485	1.62	0.4
\$030710		156.0	173.5	0.009	2.87	19.00	11.6	2	1.6	195.0	0.29	0.31	3.14	0.256	3.41	1.7
\$030711		20.2	107.0	0.005	3.66	3.22	23.5	8	2.3	310	0.44	0.06	1.32	0.417	1.73	0.6
\$030712		13.8	115.0	0.005	2.94	3.44	18.1	7	1.9	294	0.48	0.06	1.56	0.398	2.02	0.7
\$030713 \$030714 \$030715 \$030716 \$030717		18.6 57.5 9.8 17.6 50.5	114.0 89.1 135.5 102.5 125.5	0.009 0.002 0.005 0.004 0.006	3.13 3.63 2.17 1.05 1.78	3.95 3.72 5.79 6.71 14.55	19.5 28.6 24.4 18.5 12.4	12 11 6 5	3.0 2.7 2.1 2.1 2.0	317 358 352 368 266	0.40 0.34 0.36 0.42 0.35	<0.05 0.06 <0.05 <0.05 <0.05	1.34 1.12 1.46 1.56 2.00	0.342 0.430 0.390 0.380 0.289	1.54 1.36 1.58 1.58 1.64	0.6 0.5 0.6 0.7 0.9
\$030718		20.6	129.0	0.008	2.45	18.45	16.9	11	1.8	233	0.38	0.05	1.55	0.347	1.60	0.6
\$030719		21.3	114.5	0.017	2.01	9.55	14.1	10	2.0	261	0.37	<0.05	1.82	0.304	1.58	0.7
\$030720		0.9	1.3	<0.002	0.02	0.23	0.3	1	<0.2	78.2	<0.05	<0.05	0.10	0.008	0.03	0.4
\$030721		21.5	133.0	0.009	3.79	21.7	27.2	16	2.1	219	0.38	0.06	1.33	0.455	1.57	0.5
\$030722		18.5	99.8	0.009	3.45	30.1	31.9	17	1.9	176.5	0.37	<0.05	0.88	0.523	1.50	0.4
\$030723		12.8	116.5	0.008	3.54	17.20	31.8	17	2.3	184.0	0.37	<0.05	1.13	0.506	1.56	0.5
\$030724		31.5	147.0	0.026	3.06	6.56	12.1	13	1.2	161.5	0.34	<0.05	2.17	0.302	1.56	1.0
\$030725		8.0	148.0	0.033	2.49	6.07	11.5	10	1.0	148.5	0.36	<0.05	2.25	0.309	1.49	1.2
\$030726		13.0	105.5	0.035	3.13	11.30	21.3	12	1.6	238	0.35	0.05	0.96	0.391	1.91	0.4
\$030726CD		12.9	99.0	0.024	3.20	11.80	20.8	12	1.5	228	0.33	0.05	0.98	0.382	1.81	0.4



To: PRETIVM
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(									C	ERTIFICATE OF ANALYSIS	VA20206926
Sanda Danidati	Method Analyte Units	ME-MS61 V ppm	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61 Zr ppm	pXRF-34 Si %	pXRF-34 Ti %	pXRF-34 Zr ppm		
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5		
S030689		274	1.8	14.8	72	14.1	22.3	0.6	62		
S030690		135	2.4	7.7	191	29.4	32.5	0.4	76		
S030691		303	1.6	17.7	79	14.3	21.1	0.6	60		
S030692		302	1.6	19.8	64	14.9	21.3	0.6	65		
S030693		300	1.8	19.6	53	16.7	19.4	0.5	66		
S030694		305	1.5	18.5	49	18.0	22.6	0.6	67		
S030695		248	1.4	16.7	67	18.5	20.5	0.5	70		
S030696		177	3.7	9.4	58	21.6	27.3	0.5	86		
S030697		209	5.3	8.6	72	21.1	24.1	0.5	81		
S030698		125	2.9	8.9	835	32.3	23.3	0.4	93		
S030699		139	3.7	9.3	79	27.3	23.2	0.5	77		
S030700		3	0.1	2.5	4	1.9	2.4	<0.1	<5		
S030701		252	3.7	12.0	59	10.9	22.1	0.6	63		
S030702		223	3.5	14.0	74	15.4	23.3	0.6	74		
S030703		211	3.0	14.0	76	12.9	20.4	0.5	69		
S030704		232	3.8	12.8	215	13.2	21.1	0.6	64		
S030705		195	4.8	9.0	164	12.8	22.6	0.5	65		
S030706		224	3.4	12.9	102	13.7	20.1	0.5	59		
S030706CD		225	3.5	12.1	100	13.4	20.5	0.6	62		
S030707		165	2.4	12.2	40	16.9	19.0	0.5	74		
S030708		161	1.9	13.5	66	18.2	24.6	0.5	78		
S030709		264	1.5	16.4	130	16.1	21.6	0.5	69		
S030710		106	5.4	9.0	483	36.3	28.1	0.3	89		
S030711		199	1.8	17.6	67	19.4	24.5	0.5	79		
S030712		168	1.8	18.3	43	20.8	25.4	0.5	95		
S030713		183	1.8	17.5	72	18.4	22.0	0.4	74		
S030714		256	1.8	14.4	179	15.2	21.7	0.5	61		
S030715		204	1.9	14.1	58	14.6	22.9	0.4	71		
S030716		180	2.1	11.9	62	20.1	25.4	0.5	92		
S030717		123	2.3	10.0	91	23.6	26.5	0.3	99		
S030718		159	3.1	13.7	63	19.0	24.3	0.5	88		
S030719		130	4.1	13.8	53	19.0	26.9	0.4	92		
S030720		3	0.1	2.1	4	1.9	4.8	<0.1	6		
S030721		224	7.5	14.9	62	12.6	23.3	0.6	80		
S030722		279	8.0	13.5	106	8.6	22.8	0.7	73		
S030723		264	4.2	15.5	89	12.2	23.5	0.6	73		
S030724		121	3.5	13.1	96	27.7	24.7	0.4	79		
S030725		111	3.3	12.2	40	33.3	25.1	0.4	91		
S030726		170	3.3	11.1	62	12.4	24.5	0.6	65		
S030726CD		166	3.2	11.1	60	12.3	23.8	0.5	64		



To: PRETIVM
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(763									CERTIFICATE OF ANALYSIS					VA202	VA20206926			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61		
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu		
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm		
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2		
\$030727		6.88	0.170	0.84	6.97	3.9	330	0.71	0.14	4.02	2.94	15.90	19.8	14	2.68	278		
\$030728		5.84	0.135	0.51	7.41	3.6	560	0.88	0.16	3.17	0.71	18.30	16.9	13	3.83	151.0		
\$030729		6.52	0.137	0.39	7.52	2.9	550	0.87	0.19	2.03	0.82	17.40	14.4	20	3.81	114.5		
\$030730		0.16	5.63	80.7	6.25	301	250	0.98	1.15	1.99	24.2	27.2	11.4	23	8.22	116.5		
\$030731		4.98	0.166	0.78	7.24	4.2	330	0.91	0.18	3.02	0.60	16.35	18.7	18	4.05	192.0		
\$030732		6.64	0.192	0.75	6.89	6.3	410	0.63	0.19	5.35	0.65	17.45	14.3	17	3.40	148.5		
\$030733		5.82	0.098	0.54	7.13	11.9	530	0.87	0.15	3.80	0.96	15.45	15.2	13	5.54	115.0		
\$030734		6.60	0.154	0.78	6.95	25.5	370	0.84	0.17	3.21	1.07	17.35	14.8	13	5.16	131.0		
\$030735		5.92	0.119	0.79	6.93	16.6	350	0.86	0.15	4.01	0.51	15.00	17.7	16	5.50	109.5		
\$030736		5.46	0.131	0.83	6.90	15.7	310	1.03	0.11	4.47	0.40	13.30	17.2	20	6.82	64.3		
\$030737		6.58	0.110	0.62	7.04	28.5	450	0.99	0.12	6.03	0.81	18.45	17.0	23	7.36	84.5		
\$030738		6.44	0.171	0.74	6.94	32.6	1070	1.09	0.09	3.90	1.41	14.00	13.8	21	7.87	93.3		
\$030739		5.94	0.183	1.04	7.44	6.4	1010	1.07	0.09	3.98	1.53	21.8	12.1	26	7.22	88.6		
\$030740		0.50	<0.005	0.02	0.27	<0.2	50	0.12	0.01	33.4	0.06	1.10	0.8	11	0.13	2.3		
\$030741		3.06	0.193	1.41	7.08	6.3	910	1.06	0.10	3.18	2.66	15.75	14.2	24	5.62	185.5		
S030742		1.36	0.177	0.46	7.42	4.5	1210	1.25	0.10	2.94	0.69	23.3	13.0	17	4.27	109.5		



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20206926** 

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															000_0	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030727		5.23	15.15	0.13	0.6	0.098	4.32	7.1	25.2	1.93	764	0.99	1.68	6.7	6.8	1950
\$030728		4.39	16.00	0.14	0.6	0.114	5.37	8.6	27.3	2.47	811	2.37	1.08	6.4	6.9	1820
\$030729		3.59	15.75	0.13	0.7	0.037	4.60	7.8	24.3	1.44	544	6.11	1.19	7.3	8.8	1590
\$030730		4.73	13.45	0.13	1.3	1.445	3.70	12.5	13.1	0.47	1170	9.76	0.23	5.4	17.0	960
\$030731		4.76	16.00	0.11	0.7	0.076	4.84	7.3	28.3	1.83	647	2.86	0.96	6.9	9.6	1730
\$030732		4.51	14.05	0.15	0.8	0.163	5.08	9.0	25.3	1.50	814	3.16	0.84	6.7	6.8	1590
\$030733		3.79	15.85	0.15	0.6	0.065	4.74	7.0	26.4	1.53	662	5.59	0.59	7.6	7.6	1810
\$030734		4.43	14.30	0.15	0.7	0.037	4.62	8.3	23.6	1.46	594	2.79	0.37	7.6	8.6	1560
\$030735		4.84	16.30	0.11	0.6	0.047	4.50	7.0	27.5	1.67	738	1.29	0.55	7.5	9.4	1730
\$030736		5.15	16.70	0.15	0.5	0.035	4.51	6.0	17.9	1.78	806	0.74	0.51	7.1	11.0	1930
\$030737		4.51	15.80	0.15	1.0	0.028	4.89	9.4	8.8	1.46	890	1.18	0.28	6.3	11.2	1610
\$030738		3.50	16.10	0.15	0.8	0.020	4.42	6.2	13.7	1.35	582	2.45	0.12	7.7	11.8	1450
\$030739		3.29	15.70	0.11	1.4	0.024	4.48	10.7	21.5	1.63	629	5.65	0.11	6.7	13.6	1310
\$030740		0.20	0.67	0.08	0.1	<0.005	0.09	1.2	2.2	2.60	147	0.26	0.06	0.2	0.9	70
\$030741		4.35	17.10	0.13	0.6	0.019	4.27	8.0	16.5	1.74	599	18.35	0.70	6.1	12.2	1410
S030742		3.93	16.40	0.17	0.7	0.021	4.47	12.7	16.7	1.90	544	5.27	1.39	7.1	9.8	1520



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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030727		18.5	95.6	0.005	3.37	2.58	28.5	8	1.7	384	0.37	<0.05	0.97	0.495	1.42	0.4
\$030728		17.5	142.0	0.014	2.41	2.14	25.7	8	2.0	472	0.38	<0.05	1.15	0.447	1.66	0.5
\$030729		16.1	105.5	0.014	2.19	2.33	15.6	11	1.3	272	0.44	<0.05	1.63	0.346	1.94	0.6
\$030730		8760	155.0	0.006	2.97	75.9	12.4	3	4.1	143.0	0.34	0.27	3.62	0.248	3.35	2.0
\$030731		24.4	117.0	0.009	3.05	2.55	20.0	12	1.8	286	0.42	0.05	1.41	0.374	1.76	0.6
\$030732		17.7	136.5	0.017	2.93	2.01	19.7	11	3.0	260	0.40	<0.05	1.52	0.348	1.67	0.6
\$030733		11.8	114.0	0.018	2.45	2.63	21.3	8	1.5	243	0.43	0.05	1.24	0.410	2.28	0.5
\$030734		22.4	112.0	0.003	3.32	3.42	14.7	12	1.6	194.5	0.45	<0.05	1.54	0.356	2.27	0.5
\$030735		12.7	102.0	0.003	3.56	3.50	21.6	8	1.7	222	0.42	<0.05	1.34	0.418	2.12	0.5
\$030736		13.5	97.1	0.002	3.83	3.52	26.2	9	1.6	237	0.41	<0.05	0.97	0.458	2.09	0.5
\$030737 \$030738 \$030739 \$030740 \$030741		27.9 37.2 46.4 1.4 55.7	189.5 125.0 168.0 2.7 112.5	0.005 0.010 0.015 <0.002 0.058	3.56 2.54 1.54 0.01 2.81	5.03 8.30 8.40 0.25 7.88	25.7 15.2 15.7 1.3 19.4	7 6 7 1	1.4 1.4 1.3 0.2 1.3	258 243 249 77.3 270	0.33 0.46 0.40 <0.05 0.37	<0.05 <0.05 <0.05 <0.05 <0.05	1.66 1.89 2.59 0.09 1.52	0.385 0.345 0.351 0.013 0.364	2.01 2.29 1.65 0.05 1.69	0.7 0.8 1.0 0.2 0.6
S030742		15.6	126.0	0.018	2.24	5.37	17.0	12	1.5	282	0.39	<0.05	1.77	0.374	1.34	0.6



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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**CERTIFICATE OF ANALYSIS VA20206926** 

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	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34
	Analyte	V	W	Y	Zn	Zr	Si	Ti	Zr
	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5
S030727		252	1.3	17.4	101	13.7	20.2	0.6	67
S030728		223	1.5	17.6	81	14.8	21.3	0.6	71
S030729		158	1.7	16.8	75	20.0	25.6	0.5	95
S030730		121	4.4	9.3	1850	41.6	28.2	0.4	77
S030731		188	1.6	15.5	65	16.5	23.2	0.5	78
S030732		163	1.4	17.1	69	22.3	22.3	0.4	69
S030733		191	2.1	16.8	64	17.0	23.1	0.5	85
S030734		143	2.4	15.2	67	18.6	24.7	0.5	92
S030735		201	2.2	12.4	64	17.3	23.3	0.5	78
S030736		257	2.6	11.7	56	13.6	21.5	0.6	65
S030737		212	2.6	13.5	65	23.2	21.2	0.4	69
S030738		152	3.4	12.4	79	24.9	24.8	0.4	90
S030739		150	3.5	13.9	101	37.8	26.3	0.4	88
S030740		8	0.2	2.3	7	2.1	4.5	0.1	8
S030741		181	2.9	13.2	130	17.3	24.3	0.5	89
S030742		158	3.0	14.7	61	19.8	24.0	0.5	87



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CERTIFICATE	OF ANALYSIS	VA20206926
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		CERTIFICATE OF ANALTSIS	VA20200920
	CERTIFICA	ATE COMMENTS	
		ANALYTICAL COMMENTS	
Applies to Method:	REEs may not be totally soluble in this method. ME-MS61		
		LABORATORY ADDRESSES	
	Processed at ALS Vancouver located at 2103 Dollars		
Applies to Method:	Au-AA23       BAG-01         LOG-21d       LOG-23         PUL-32md       PUL-QC         SPL-21d       WEI-21	CRU-31 ME-MS61 pXRF-34	LOG-21 PUL-32m SPL-21



ALS Canada Ltd.

2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

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27-JAN-2021 Account: PREBOW

## VA20211672

Project: Bowser Regional Project

P.O. No.: BOW-1127

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 22-SEP-2020.

The following have access to data associated with this certificate:

_	•	
CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
STEPHAINE WAFFORN		

SAMPLE PREPARATION											
ALS CODE	DESCRIPTION										
WEI-21	Received Sample Weight										
PUL-32md	Pulverize 500g-DUP -85%<75um										
LOG-21	Sample logging - ClientBarCode										
CRU-31	Fine crushing - 70% <2mm										
CRU-QC	Crushing QC Test										
PUL-QC	Pulverizing QC Test										
SPL-21	Split sample - riffle splitter										
PUL-32m	Pulverize 500g - 85%<75um										
BAG-01	Bulk Master for Storage										
LOG-23	Pulp Login - Rcvd with Barcode										
LOG-21d	Sample logging - ClientBarCode Dup										
SPL-21d	Split sample - duplicate										

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

Page: 2 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 9-OCT-2020 Account: PREBOW

(ALS	,								CERTIFICATE OF ANALYSIS				LYSIS	VA20211672			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	
\$030751		2.46	0.054	0.27	7.72	15.2	1250	1.12	0.06	3.40	0.08	16.20	19.1	18	1.11	108.5	
\$030752		3.16	0.036	0.25	7.74	18.6	1270	0.96	0.05	4.44	0.07	13.65	20.0	17	1.10	122.5	
\$030753		5.82	0.027	0.18	7.71	12.2	1990	0.96	0.05	3.85	0.11	17.05	16.1	17	1.48	80.6	
\$030754		4.00	0.018	0.15	8.58	20.2	1920	0.94	0.04	2.30	0.17	18.65	14.0	19	1.57	64.8	
\$030755		5.48	0.139	0.32	8.22	39.8	1470	1.18	0.07	6.44	0.13	24.7	29.3	13	2.15	164.0	
\$030756		6.44	0.877	0.36	7.70	49.9	1130	1.30	0.07	6.85	0.12	20.4	31.4	12	2.73	112.5	
\$030757		6.12	0.880	0.31	6.56	27.1	850	1.10	0.08	13.30	0.12	14.55	8.1	11	1.89	64.7	
\$030758		5.50	0.062	0.08	8.48	19.9	1000	1.20	0.04	9.77	0.06	21.2	7.5	10	3.90	24.3	
\$030759		4.16	0.160	0.22	7.62	46.6	1810	0.78	0.03	6.52	0.08	18.25	8.8	12	2.37	39.0	
\$030760		0.98	<0.005	<0.01	0.08	0.7	20	0.07	0.01	35.0	<0.02	0.92	0.8	1	<0.05	1.6	
\$030761		7.04	1.315	0.49	8.24	35.3	830	1.13	0.03	6.62	0.11	21.5	14.1	17	2.49	83.2	
\$030762		6.18	0.526	0.22	7.75	114.5	1040	1.13	0.03	6.06	0.07	19.50	14.1	17	2.50	48.1	
\$030763		3.24	0.273	0.21	7.73	59.9	890	1.45	0.03	6.79	0.12	18.05	4.8	17	4.48	6.9	
\$030764		3.88	0.078	0.21	7.77	36.4	1060	1.12	0.03	6.53	0.39	18.50	7.9	22	2.18	10.6	
\$030765		3.56	0.027	0.13	7.91	25.6	690	1.34	0.03	4.50	0.16	15.85	13.6	27	1.02	38.1	
\$030766		5.70	0.009	0.15	7.99	31.3	1230	1.33	0.03	2.99	0.10	17.20	14.3	33	1.62	45.1	
\$030766CD		<0.02	0.011	0.16	7.96	31.2	1200	1.40	0.03	3.08	0.09	17.15	14.3	32	1.64	51.0	
\$030767		5.60	0.006	0.37	7.89	27.9	1570	1.18	0.03	3.43	0.10	15.80	14.6	24	1.62	27.4	
\$030768		5.26	0.016	0.18	8.30	29.3	1270	1.30	0.04	3.13	0.10	17.00	19.8	26	1.68	70.2	
\$030769		5.54	0.011	0.11	8.28	23.6	1480	1.52	0.04	2.87	0.18	19.35	15.3	36	1.56	59.6	
\$030770		0.18	0.991	11.70	6.25	327	360	1.10	0.16	3.79	4.42	23.9	9.8	27	6.57	84.0	
\$030771		4.30	0.009	0.10	7.88	23.4	1360	1.39	0.06	4.16	0.13	16.95	18.6	20	3.62	63.5	
\$030772		5.56	0.007	0.06	8.44	19.0	1740	1.88	0.08	2.51	0.13	19.80	9.8	37	2.89	21.1	
\$030773		5.66	0.034	0.18	8.44	30.3	1680	1.30	0.14	3.05	0.15	23.5	25.1	31	1.77	101.5	
\$030774		7.06	0.172	0.21	8.40	16.7	1450	1.20	0.06	4.04	0.13	19.20	15.5	24	1.97	69.5	
\$030775		6.18	1.035	0.22	8.07	17.8	1040	1.06	0.04	5.08	0.17	17.60	15.3	15	1.30	74.9	
\$030776		5.30	1.650	0.21	8.20	8.9	660	1.04	0.03	5.36	0.13	16.40	6.9	16	0.78	41.9	
\$030777		5.20	0.597	0.11	7.96	6.3	410	1.02	0.03	6.52	0.06	18.20	3.3	14	0.61	10.4	
\$030778		5.56	0.403	0.08	7.87	11.1	230	1.05	0.04	5.33	0.07	12.70	8.1	19	0.54	39.0	
\$030779		5.96	0.199	0.10	7.67	14.7	360	1.03	0.04	3.87	0.13	13.20	8.3	30	0.60	25.5	
\$030780		0.72	<0.005	<0.01	0.09	0.7	20	0.07	0.01	33.6	<0.02	0.91	0.6	2	<0.05	2.2	
\$030781		6.82	0.026	0.09	7.87	14.2	1430	1.11	0.03	2.60	0.14	16.85	12.9	33	1.36	56.3	
\$030782		5.36	1.390	0.47	7.83	27.6	1390	1.19	0.07	4.61	0.11	15.75	30.4	22	0.98	132.0	
\$030783		6.98	3.42	0.71	7.82	23.8	1590	1.37	0.04	4.94	0.13	16.40	18.6	27	1.94	59.5	
\$030784		6.32	0.027	0.14	7.72	25.2	1680	1.00	0.05	3.66	0.08	19.20	20.1	29	1.03	70.8	
S030785		5.50	0.040	0.31	7.92	40.8	980	0.96	0.10	4.16	0.20	19.80	37.3	22	1.61	159.5	
S030786		3.08	0.042	0.14	8.20	23.7	2070	1.13	0.09	9.11	0.15	20.5	21.0	20	1.35	97.2	
S030786CD		<0.02	0.078	0.14	7.97	25.0	2060	1.08	0.08	8.79	0.15	20.7	22.5	20	1.36	100.5	
S030787		3.82	0.029	0.49	8.06	34.9	1390	0.72	0.10	6.17	0.23	18.55	35.3	23	1.06	241	
S030788		6.40	0.016	0.28	7.93	25.5	1460	0.90	0.07	5.74	0.20	18.15	24.6	24	1.09	186.5	



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20211672

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										LIXIIII	CAILO	I ANA	_ 1 313	VAZUZ	11072	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030751		4.85	15.15	0.12	0.8	0.056	3.76	6.5	19.1	2.08	1120	0.91	3.02	6.5	9.9	1720
\$030752		4.70	17.15	0.11	0.7	0.063	3.79	5.7	26.0	2.29	1290	0.37	2.68	6.6	7.9	1680
\$030753		3.74	14.90	0.13	0.7	0.060	5.10	6.4	22.3	1.64	907	0.66	2.31	6.7	6.8	1670
\$030754		3.28	16.20	0.16	1.0	0.044	5.22	7.6	20.3	1.39	856	0.70	2.97	8.2	8.0	1870
\$030755		5.71	20.2	0.14	0.9	0.063	3.45	10.1	43.7	3.22	1920	0.54	1.70	8.3	9.6	2330
\$030756		6.57	17.30	0.10	1.1	0.066	2.56	8.4	39.1	3.45	1890	0.66	1.96	7.0	8.1	2150
\$030757		5.08	19.35	0.07	1.3	0.070	2.21	5.6	30.0	4.98	2240	0.28	0.20	5.8	5.1	1340
\$030758		2.84	18.15	0.10	1.2	0.054	2.67	8.5	32.9	3.00	1420	0.95	1.66	8.2	6.4	2100
\$030759		2.51	13.40	0.12	0.9	0.054	4.76	7.1	17.2	1.36	828	0.63	2.10	6.9	5.2	1550
\$030760		0.10	0.29	0.08	<0.1	<0.005	0.02	1.1	1.3	2.26	138	0.08	0.03	0.1	0.7	80
\$030761		3.73	16.55	0.14	0.9	0.057	2.02	7.8	25.5	2.20	1300	0.98	3.62	7.7	7.4	2180
\$030762		3.19	16.85	0.13	1.0	0.062	2.63	7.6	24.8	1.89	1150	0.67	2.84	8.1	10.6	2060
\$030763		2.21	17.55	0.17	0.9	0.053	2.77	7.1	21.8	2.05	1100	0.40	2.44	7.2	16.8	1960
\$030764		2.98	20.6	0.13	0.8	0.061	3.41	7.0	16.4	1.68	1060	1.35	2.57	7.4	12.9	2010
\$030765		2.47	16.05	0.13	1.1	0.045	1.87	5.7	13.8	1.74	883	2.05	4.13	7.6	11.2	1590
\$030766 \$030766CD \$030767 \$030768 \$030769		2.38 2.46 2.46 3.18 3.00	15.70 16.65 15.30 18.20 18.15	0.13 0.16 0.15 0.13 0.17	1.3 1.3 1.0 1.0	0.038 0.041 0.040 0.040 0.044	3.10 3.08 3.59 3.27 3.83	6.7 6.5 5.9 6.4 7.2	16.3 16.9 22.0 17.6 17.1	1.61 1.65 1.97 1.90 1.69	740 769 838 807 682	2.31 2.55 1.29 0.99 0.62	3.68 3.71 3.31 3.65 3.50	8.3 8.4 7.8 7.3 7.9	17.1 16.9 12.5 12.6 21.4	1570 1620 1650 1630 1470
\$030770		3.99	13.20	0.10	1.2	0.048	3.91	11.4	12.6	0.56	1440	10.30	0.21	5.0	18.8	960
\$030771		3.62	16.05	0.12	1.2	0.052	3.51	6.0	40.2	1.62	744	0.41	2.68	7.3	11.2	1660
\$030772		2.54	18.00	0.16	1.5	0.046	4.43	8.0	21.0	1.67	672	2.53	3.23	8.9	19.0	1430
\$030773		4.49	18.55	0.16	1.3	0.070	4.19	9.1	17.4	2.11	840	0.84	3.17	8.5	20.1	1730
\$030774		3.12	15.60	0.13	1.2	0.048	3.39	6.7	18.1	1.98	788	0.30	3.53	8.3	10.0	1820
\$030775		2.95	18.10	0.14	1.0	0.046	2.71	6.2	21.0	2.00	948	0.38	3.62	8.1	9.5	1840
\$030776		2.48	16.30	0.12	1.1	0.043	1.66	6.1	21.1	2.31	933	0.38	4.17	7.7	6.0	1850
\$030777		2.09	18.20	0.16	1.1	0.055	0.96	6.9	19.6	2.37	1030	0.31	4.25	7.4	9.4	1760
\$030778		2.02	17.40	0.13	1.1	0.047	0.73	4.7	19.6	1.76	797	0.58	4.75	7.7	9.7	1890
\$030779		2.02	16.25	0.14	1.0	0.050	1.07	5.3	17.7	1.71	723	0.55	4.87	6.9	15.4	1560
\$030780 \$030781 \$030782 \$030783 \$030784		0.11 2.83 4.69 3.08 3.81	0.33 15.10 18.65 18.85 17.05	0.14 0.19 0.12 0.12 0.13	<0.1 1.1 1.0 1.0	0.005 0.041 0.054 0.035 0.057	0.02 3.46 2.99 2.32 3.73	1.1 6.4 5.9 6.4 7.5	0.9 13.8 16.8 19.8 19.0	1.53 1.45 1.66 1.58 1.82	122 617 804 756 827	<0.05 1.37 0.68 0.99 1.17	0.04 3.39 3.09 3.05 2.72	0.1 6.6 8.8 6.8 9.0	1.2 13.5 11.5 12.1 15.5	70 1370 2050 1400 1870
\$030785		5.46	17.95	0.12	1.0	0.060	3.79	7.3	26.7	2.06	1020	1.59	2.57	8.1	13.2	1850
\$030786		4.16	22.1	0.10	0.8	0.071	3.60	8.4	30.8	2.13	1340	0.16	1.59	6.5	9.2	1800
\$030786CD		4.18	21.3	0.10	0.8	0.069	3.61	8.3	31.6	2.19	1320	0.15	1.56	6.5	9.2	1810
\$030787		5.98	17.55	0.11	0.8	0.083	2.57	7.5	27.7	2.23	1340	0.18	2.88	6.7	12.9	1910
\$030788		5.10	16.10	0.10	0.9	0.072	2.18	7.3	32.4	2.80	1370	0.16	3.00	6.7	10.7	1920



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

CERTIFICATE OF ANALYSIS VA20211672

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										C/ 11 L O	I ANA		<b>V/ \Z</b> \ \Z	11072	
Metho Analyti Sample Description Units LOD		ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
S030751 S030752	10.6 6.6	80.3 80.5	<0.002 <0.002	2.38 1.64	7.15 8.93	22.2 22.5	2 2	0.9 0.7	310 352	0.42 0.38	0.08	1.34 1.26	0.438 0.441	1.22 1.22	0.5 0.5
S030753 S030754	7.8 8.2	122.5 116.0	0.002 <0.002	1.27 0.72	4.35 4.98	23.0 21.4	2	0.7 0.8	353 370	0.37 0.50	0.07 0.07	1.35 1.89	0.439 0.461	1.62 1.73	0.5 0.8
S030755 S030756	8.2 8.8	79.1	<0.002	2.95	20.6 15.50	36.0	<u>3</u>	1.3	622 562	0.46	0.22	1.44	0.612	0.95	0.5
\$030757 \$030758 \$030759	12.3 5.1 4.7	66.0 92.1 129.0	<0.002 <0.002 <0.002 0.002	1.43 0.22 0.91	38.0 13.50 5.74	16.9 27.8 17.7	2 1 1	1.3 1.3 0.7	683 558 429	0.35 0.47 0.43	0.21 0.05 0.07	1.42 1.53 1.64	0.346 0.540 0.387	0.83 1.02 1.62	0.7 0.6 0.6 0.7
S030760	0.5	0.4	<0.002	0.01	0.14	0.2	1	<0.2	79.4	<0.05	<0.05	0.07	0.006	0.02	0.1
\$030761 \$030762 \$030763 \$030764 \$030765	6.1 6.0 17.9 10.4 5.4	58.4 86.2 101.5 94.9 42.3	<0.002 <0.002 <0.002 0.002 <0.002	1.20 0.90 0.21 0.28 0.42	12.20 11.15 9.88 9.97 7.27	31.6 26.9 31.3 30.3 17.8	2 2 1 1	0.8 0.8 1.0 0.9 0.7	588 483 512 552 456	0.45 0.48 0.41 0.43 0.47	0.11 0.12 0.07 0.06 0.08	1.49 2.00 1.61 1.77 2.12	0.559 0.444 0.504 0.483 0.376	0.74 0.97 1.07 1.16 0.67	0.5 0.7 0.6 0.7 0.7
S030766	5.8	75.9	0.002	0.36	5.28	17.9	1	0.6	505	0.47	0.07	2.66	0.398	1.06	1.0
\$030766CD \$030767 \$030768 \$030769	5.3 7.1 7.0 5.7	73.9 80.7 85.5 92.1	0.002 <0.002 0.003 0.004	0.37 0.25 0.93 0.67	5.91 5.00 7.07 5.98	18.1 16.3 22.2 19.0	1 1 1 2	0.7 0.8 0.8 0.8	511 471 456 490	0.50 0.44 0.43 0.47	<0.05 <0.05 0.10 0.06	2.61 1.92 2.03 2.80	0.398 0.427 0.441 0.441	1.03 1.24 1.16 1.28	0.9 0.8 0.8 1.1
S030770	155.5	162.5	0.007	2.92	19.70	11.1	3	1.5	191.0	0.30	0.30	3.13	0.257	3.08	1.6
\$030771 \$030772 \$030773 \$030774	5.8 8.3 8.7 6.2	83.4 111.0 104.0 83.8	0.004 0.005 0.005 <0.002	0.97 0.43 1.77 1.09	3.73 4.68 8.66 7.34	19.4 15.2 20.0 20.4	2 2 3 1	0.9 0.7 1.0 0.9	473 511 503 515	0.45 0.55 0.50 0.52	0.10 0.05 0.12 0.09	1.78 2.87 2.42 1.92	0.470 0.388 0.480 0.532	1.19 1.49 1.36 1.12	0.7 1.1 1.0 0.7
S030775 S030776	9.3 5.9	53.9 34.0	<0.002 <0.002 <0.002	0.68 0.43	9.38 10.00	20.6 26.5	2	0.9 0.7	524 569	0.51 0.46	0.07 0.08	1.57 1.29	0.526 0.631	0.77 0.52	0.5 0.5
\$030777 \$030778 \$030779	4.2 4.7 8.1	24.3 11.7 25.9	0.002 <0.002 0.002	0.09 0.33 0.30	12.40 6.71 6.80	22.2 19.8 18.5	<1 1 1	0.8 0.6 0.6	579 385 400	0.46 0.48 0.45	<0.05 0.05 0.06	1.55 1.54 1.92	0.517 0.490 0.427	0.29 0.25 0.33	0.6 0.5 0.6
S030780 S030781	0.6 7.7	0.4 80.1	<0.002 0.003	<0.01 0.73	0.09 5.62	0.2 15.7	1	<0.2 0.5	77.1 428	<0.05 0.40	<0.05 0.05	0.08 2.25	0.006 0.387	<0.02 1.08	0.1 1.0
\$030782 \$030783 \$030784	6.4 6.5 7.1	56.5 59.7 89.5	0.003 0.006 0.003	2.14 0.78 1.06	8.07 7.07 8.07	22.0 18.5 19.2	2 1 1	0.6 0.6 0.6	424 516 433	0.54 0.40 0.51	0.21 0.09 0.08	1.56 1.96 2.19	0.490 0.408 0.416	0.94 0.81 1.22	0.7 0.7 0.8
\$030785 \$030786 \$030786CD \$030787	10.2 6.1 6.1 7.2	93.1 96.6 95.5 67.2	<0.002 <0.002 <0.002 <0.002	2.76 0.57 0.64 2.13	12.65 19.25 18.35 14.80	25.4 29.8 30.5 35.5	3 1 1 2	0.6 0.6 0.6 0.6	566 568 541 436	0.46 0.36 0.36 0.35	0.14 0.06 0.06 0.15	1.36 1.14 1.14 1.11	0.504 0.554 0.552 0.596	1.50 1.10 1.15 0.84	0.6 0.5 0.6 0.5



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS	,								CERTIFICATE OF ANALYSIS VA20211672
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	4 pXRF-34 Zr ppm 5
\$030751 \$030752 \$030753 \$030754 \$030755		212 214 205 208 307	1.7 1.4 1.3 2.0 1.7	15.5 14.6 16.0 15.9 24.2	37 35 30 41 44	21.5 19.8 20.0 29.4 23.3	23.0 22.0 23.5 24.1 18.9	0.4 0.4 0.5 0.5	74 71 73 102 79
\$030756 \$030757 \$030758 \$030759 \$030760		278 164 236 164 2	2.9 2.7 4.8 3.1 <0.1	21.9 14.7 21.9 16.5 1.9	46 39 29 22 3	31.2 37.5 31.7 26.6 1.3	18.9 17.9 19.8 21.5 2.5	0.6 0.3 0.6 0.5 <0.1	73 71 89 89 6
\$030761 \$030762 \$030763 \$030764 \$030765		286 232 274 262 181	3.6 3.6 4.6 12.9 2.3	20.1 18.6 16.6 17.6 14.3	33 30 38 59 38	22.5 30.6 23.6 23.9 35.0	21.0 22.5 22.1 20.3 24.6	0.5 0.4 0.5 0.5	78 81 75 75 88
\$030766 \$030766CD \$030767 \$030768 \$030769		171 172 178 211 185	2.7 2.7 3.5 3.6 3.6	15.5 15.9 14.3 16.8 18.7	32 34 37 41 44	40.1 39.8 34.2 30.0 41.9	26.0 25.4 25.0 25.6 24.6	0.4 0.4 0.5 0.5	112 108 104 96 110
\$030770 \$030771 \$030772 \$030773 \$030774		107 200 158 203 201	5.1 4.3 2.2 2.3 2.0	8.2 18.4 17.3 20.2 19.6	497 42 40 47 37	38.0 36.1 49.0 39.5 36.0	25.6 22.1 25.6 23.8 24.4	0.3 0.5 0.4 0.5	83 104 126 105 110
\$030775 \$030776 \$030777 \$030778 \$030779		212 272 212 203 186	1.8 1.9 1.6 2.0 2.0	20.4 19.6 22.0 16.5 14.7	38 31 25 24 29	32.6 27.6 31.5 34.7 32.0	23.6 24.4 24.9 24.2 26.0	0.5 0.6 0.5 0.5	114 93 99 108 101
\$030780 \$030781 \$030782 \$030783 \$030784		2 169 244 191 204	<0.1 1.8 2.0 2.1 2.2	1.9 13.9 14.9 14.5 16.4	3 40 35 34 38	1.9 36.0 31.2 33.4 35.3	3.7 27.4 22.4 25.7 24.6	<0.1 0.4 0.5 0.5 0.5	<5 101 80 95 92
\$030785 \$030786 \$030786CD \$030787 \$030788		272 312 309 346 330	2.8 2.2 2.2 3.0 2.6	15.2 17.6 18.0 19.8 19.1	46 38 38 49 46	26.0 25.3 26.3 26.1 27.1	21.6 18.2 18.0 18.6 20.0	0.5 0.6 0.6 0.6 0.6	73 62 68 63 63



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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CERTIFICATE OF ANALYSIS VA20211672

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											CAILO	I ANAI		VAZUZ	11072	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030789 \$030790 \$030791 \$030792 \$030793		6.62 0.18 6.30 5.34 5.96	0.010 6.01 0.016 0.023 0.038	0.25 79.9 0.36 0.36 0.40	8.27 6.25 7.78 7.23 6.91	33.2 294 25.5 42.8 23.7	1110 350 1060 1070 300	0.92 0.96 0.97 0.86 0.83	0.06 1.08 0.06 0.05 0.06	6.08 1.95 5.83 7.29 5.39	0.22 21.9 0.12 0.09 0.12	18.00 26.6 15.90 16.30 17.30	23.6 10.9 26.7 22.3 31.0	23 23 25 25 25 30	1.25 7.69 1.28 1.98 1.30	153.5 118.0 177.0 146.5 182.0
\$030794		6.54	0.029	0.36	6.81	25.1	870	0.86	0.05	6.47	0.07	16.55	26.6	29	1.52	155.5
\$030795		6.66	0.039	0.43	7.10	82.0	1120	0.88	0.02	8.00	0.35	16.80	17.6	20	2.61	76.0
\$030796		6.08	0.030	0.21	7.74	32.1	520	0.78	0.03	8.03	0.13	20.4	19.0	26	1.36	72.1
\$030797		5.78	0.050	0.16	7.78	22.4	1030	1.08	0.03	7.69	0.11	20.6	17.0	30	0.89	57.9
\$030798		5.16	0.040	0.10	7.28	15.5	250	0.68	0.01	6.77	0.05	12.80	7.4	24	0.61	28.1
\$030799		7.08	0.039	0.21	7.75	32.3	260	0.83	0.02	6.27	0.10	17.60	26.8	29	0.81	72.2
\$030800		0.96	<0.005	0.01	0.08	0.7	20	0.07	0.01	34.1	0.03	1.00	1.0	1	<0.05	1.9
\$030801		4.68	0.025	0.06	7.65	12.4	560	0.98	0.02	5.47	0.11	19.95	11.8	27	0.79	19.4
\$030802		6.90	0.016	0.14	7.66	17.0	360	0.92	0.02	4.87	0.12	21.9	18.1	31	0.73	43.3
\$030803		6.10	0.081	0.10	7.31	11.5	160	0.73	0.02	4.36	0.06	14.40	9.4	29	0.19	27.5
\$030804		5.76	0.072	0.17	7.43	20.0	170	0.67	0.02	6.59	0.11	16.60	12.7	26	0.26	32.8
\$030805		6.00	0.069	0.24	7.45	30.5	470	1.02	0.02	6.75	0.15	23.0	27.3	25	0.80	55.1
\$030806		6.48	0.135	0.28	7.26	24.1	220	1.10	0.04	6.71	0.16	19.40	23.3	30	0.64	70.0
\$030806CD		<0.02	0.193	0.34	7.47	23.4	220	1.03	0.04	6.97	0.16	19.55	22.5	32	0.66	70.8
\$030807		5.96	0.160	0.39	7.88	16.1	280	0.96	0.05	6.01	0.88	18.70	20.5	27	0.47	110.5
\$030808		6.78	0.094	0.09	7.98	6.9	330	1.03	0.03	4.26	0.16	19.20	7.6	23	0.47	11.8
\$030809		5.66	0.803	0.34	7.61	9.1	320	1.01	0.06	5.31	0.38	20.3	6.8	25	0.52	24.8
\$030810		0.14	1.425	30.5	5.91	384	90	1.25	0.89	0.64	1.64	26.6	13.0	19	7.68	108.5
\$030811		5.48	0.504	0.30	7.81	12.2	180	0.94	0.04	5.23	2.48	12.75	10.3	28	0.49	42.1
\$030812		6.32	0.028	0.15	7.65	5.6	510	1.12	0.02	4.93	0.57	15.80	7.8	20	0.76	15.0
\$030813		5.34	0.050	0.13	8.20	15.5	330	0.97	0.03	4.55	0.92	22.2	18.2	20	0.74	35.9
\$030814		5.68	0.204	0.21	7.32	23.6	620	0.83	0.05	6.04	4.37	17.85	24.9	25	0.54	39.7
\$030815		6.30	0.039	0.23	7.54	12.2	1050	0.90	0.05	4.00	3.47	14.60	11.8	27	0.67	44.2
\$030816		6.04	0.022	0.20	7.62	11.7	1540	0.80	0.04	4.59	5.14	14.10	10.2	27	0.85	40.1
\$030817		4.88	0.043	0.24	7.53	13.7	1600	1.10	0.04	6.07	5.50	18.80	13.0	27	1.24	47.8
\$030818		5.78	0.036	0.23	7.56	20.0	1650	1.02	0.06	4.37	1.68	29.6	8.7	34	1.31	36.8
\$030819		2.42	0.017	0.20	7.41	19.7	1790	0.85	0.04	3.44	0.37	28.6	8.3	36	1.51	32.5
\$030820		0.68	<0.005	0.04	0.07	0.5	20	0.07	0.02	33.2	0.03	0.90	1.0	1	<0.05	4.9
\$030821		1.80	0.025	0.15	8.00	31.0	3800	1.56	0.10	3.58	1.40	55.9	7.1	26	3.81	26.5
\$030822		5.98	0.135	0.41	7.46	245	1960	1.10	0.06	7.87	17.05	47.3	21.5	71	6.58	52.8
\$030823		4.66	0.135	0.28	7.93	58.5	3030	0.84	0.05	7.32	23.1	37.5	6.2	14	2.37	33.4
\$030824		5.80	0.012	0.24	7.76	94.8	2170	1.28	0.09	6.49	0.93	32.5	10.5	2	3.32	36.2
\$030825		5.66	0.014	0.32	7.70	54.4	2190	1.40	0.12	4.64	3.27	26.6	9.9	3	4.23	33.9
\$030826		3.48	0.013	0.65	7.58	164.0	1870	1.17	0.12	8.99	6.35	31.1	9.4	2	4.58	28.6
\$030826CD		<0.02	0.014	0.67	7.67	140.5	1920	1.06	0.12	9.18	6.69	30.1	9.1	2	4.53	27.8



To: PRETIVM
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(ALS	,								С	ERTIFIC	CATE O	F ANAI	YSIS	VA202	11672	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030789		5.04	15.85	0.11	0.9	0.067	1.77	7.5	28.5	2.20	1340	0.37	3.56	6.6	10.3	1890
\$030790		4.66	12.60	0.12	1.2	1.365	3.66	14.2	11.6	0.47	1180	9.30	0.23	5.2	15.9	960
\$030791		5.75	17.05	0.11	1.0	0.058	2.08	6.7	33.2	2.70	1240	0.34	2.99	6.5	13.4	1880
\$030792		5.07	12.80	0.10	0.9	0.033	3.21	7.5	26.4	1.89	1220	0.70	2.26	5.8	9.2	1800
\$030793		6.72	14.20	0.09	0.9	0.051	3.81	7.7	25.0	2.28	1180	0.88	1.58	6.3	13.3	2150
\$030794		5.59	14.15	0.09	1.0	0.040	2.09	6.7	34.5	2.46	1200	0.64	2.39	6.0	14.1	2080
\$030795		3.75	13.85	0.09	0.9	0.046	1.98	6.5	29.1	1.71	1200	0.43	3.12	5.6	10.6	1550
\$030796		4.36	18.45	0.09	0.8	0.087	1.38	8.6	35.6	2.74	1610	0.25	3.30	6.1	14.2	1850
\$030797		3.99	18.80	0.09	1.0	0.102	1.63	8.5	29.2	2.56	1620	0.52	3.21	6.6	16.0	1780
\$030798		2.07	13.10	0.12	0.9	0.051	0.40	4.6	17.1	1.32	971	0.75	4.80	5.4	12.2	1100
\$030799		4.08	15.00	0.11	1.1	0.064	0.56	7.3	29.1	2.73	1550	0.48	4.42	6.6	13.3	1960
\$030800		0.13	0.31	0.12	<0.1	0.006	0.01	1.2	1.3	2.31	151	0.07	0.04	0.1	0.7	80
\$030801		4.33	17.50	0.10	0.9	0.093	1.15	8.5	42.9	3.63	1720	0.22	3.61	7.1	13.5	1990
\$030802		4.68	16.35	0.11	1.1	0.097	0.78	9.6	37.0	3.62	1580	0.26	4.05	6.4	13.5	1870
\$030803		2.38	14.55	0.13	0.8	0.056	0.37	5.6	9.7	2.04	1010	0.34	5.25	5.0	10.1	1180
\$030804		3.10	15.50	0.13	0.8	0.076	0.35	6.5	18.7	2.13	1260	0.29	4.90	6.3	10.7	1470
\$030805		4.49	16.80	0.12	1.0	0.094	0.58	9.5	38.6	3.46	1880	0.27	3.93	7.6	14.3	2050
\$030806		4.42	16.20	0.12	1.1	0.083	0.50	7.6	44.5	3.55	2000	0.23	3.71	7.6	17.1	2280
\$030806CD		4.54	16.65	0.11	1.0	0.082	0.50	7.8	45.5	3.69	2090	0.15	3.82	7.7	17.6	2360
\$030807		4.15	17.70	0.11	1.0	0.067	0.72	7.2	37.1	3.56	1820	0.26	3.85	8.0	13.4	2140
\$030808		4.21	15.25	0.13	0.9	0.092	0.67	7.5	42.5	3.19	1620	0.36	4.52	7.7	12.8	1900
\$030809		4.28	15.80	0.13	0.9	0.088	0.53	7.6	33.7	3.02	1720	0.58	4.34	7.3	14.2	1980
\$030810		4.41	12.20	0.11	0.7	0.034	2.71	13.0	9.5	0.36	230	4.44	0.19	4.9	13.5	1300
\$030811		2.67	17.80	0.16	0.8	0.059	0.26	4.3	25.0	1.83	1300	0.38	4.75	5.2	12.7	1100
\$030812		3.30	20.0	0.15	1.0	0.049	0.67	6.1	23.1	1.67	1820	0.29	4.64	7.7	5.5	1730
\$030813		4.29	17.25	0.14	1.0	0.111	0.30	10.1	35.9	2.66	1940	0.28	4.88	8.4	10.4	2120
\$030814		3.84	15.65	0.15	0.8	0.090	1.14	7.5	21.6	2.27	1560	0.27	3.96	6.2	11.2	1540
\$030815		3.32	14.40	0.15	0.9	0.076	1.80	5.8	16.6	2.00	1200	1.24	4.18	6.7	11.2	1570
\$030816		3.36	13.55	0.15	0.8	0.069	2.64	5.6	17.7	2.03	1320	0.58	3.77	5.6	11.4	1430
\$030817		4.54	16.85	0.16	1.1	0.089	2.01	7.5	34.3	2.96	2140	0.41	3.19	6.5	10.9	1940
\$030818		3.31	16.40	0.16	0.9	0.068	2.44	21.2	28.3	2.03	1470	0.63	3.21	5.4	13.5	1270
\$030819		2.94	14.65	0.16	0.8	0.060	2.90	21.1	26.5	1.74	1200	0.45	3.27	5.2	14.1	1070
\$030820		0.12	0.33	0.12	<0.1	<0.005	0.01	1.1	1.3	3.17	156	0.80	0.04	0.1	4.2	60
\$030821		3.02	17.50	0.21	1.4	0.091	4.81	48.6	35.7	1.41	1310	1.55	2.53	9.6	14.0	1720
\$030822		4.63	13.55	0.12	1.5	0.100	3.01	42.5	52.4	2.61	1660	0.57	1.99	5.0	44.1	1410
\$030823		3.36	14.10	0.12	1.2	0.166	4.14	31.7	35.3	1.63	2060	0.64	2.45	6.7	6.4	1800
\$030824		2.98	16.90	0.15	1.5	0.061	2.77	19.4	20.3	0.91	1480	0.85	3.62	7.4	2.4	1400
\$030825		3.67	17.40	0.13	1.7	0.079	2.78	12.9	22.5	0.90	991	0.87	3.14	7.5	2.7	1420
\$030826		3.10	15.15	0.13	1.6	0.067	2.61	15.8	28.3	1.11	2170	1.73	2.80	6.5	2.3	1300
\$030826CD		3.11	14.75	0.14	1.6	0.056	2.66	15.1	27.0	1.10	2220	1.63	2.80	6.5	2.4	1310



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	_YSIS	VA202	11672	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030789		5.7	48.8	<0.002	1.34	13.20	34.1	2	0.7	550	0.35	0.08	1.13	0.576	0.76	0.6
\$030790		8580	160.0	0.005	2.98	74.7	12.4	3	3.9	142.5	0.32	0.33	3.38	0.246	2.91	1.9
\$030791		9.1	59.7	<0.002	2.50	16.00	40.6	3	0.7	465	0.34	0.12	1.15	0.568	1.15	0.5
\$030792		5.4	87.8	<0.002	1.99	9.11	36.6	3	0.8	477	0.31	0.11	1.06	0.541	1.19	0.6
\$030793		7.7	100.0	0.002	3.38	12.25	48.9	4	0.8	348	0.35	0.24	1.00	0.570	1.33	0.5
\$030794		6.5	56.1	<0.002	2.39	10.30	44.0	3	0.8	339	0.37	0.19	1.07	0.569	0.78	0.5
\$030795		21.4	59.8	<0.002	1.47	8.46	27.6	1	0.5	456	0.35	0.08	1.05	0.484	1.04	0.5
\$030796		6.8	38.7	<0.002	0.90	16.70	39.6	1	0.6	476	0.37	0.12	1.10	0.609	0.50	0.5
\$030797		6.0	45.7	<0.002	0.74	14.80	36.3	1	0.5	462	0.39	0.13	1.38	0.551	0.57	0.6
\$030798		3.4	9.9	0.002	0.55	4.54	17.1	1	0.4	301	0.34	0.10	1.53	0.354	0.16	0.7
\$030799		4.2	14.7	<0.002	0.78	8.70	38.0	1	0.6	371	0.40	0.11	1.33	0.538	0.42	0.6
\$030800		0.7	0.3	<0.002	0.01	0.13	0.3	1	<0.2	83.1	<0.05	<0.05	0.05	0.008	0.02	0.1
\$030801		3.6	31.8	<0.002	0.18	6.12	39.2	<1	0.8	381	0.42	0.05	1.31	0.536	0.37	0.6
\$030802		3.7	20.5	<0.002	0.31	5.89	39.7	1	0.9	415	0.38	0.11	1.19	0.559	0.29	0.6
\$030803		3.2	8.5	<0.002	0.36	2.65	23.0	1	0.4	234	0.33	0.11	1.43	0.361	0.13	0.6
\$030804 \$030805 \$030806 \$030806CD \$030807		3.2 6.5 4.9 5.0 5.5	8.8 17.3 12.8 12.8 16.9	<0.002 <0.002 <0.002 <0.002 <0.002	0.53 0.78 0.66 0.62 0.41	3.59 8.89 9.51 9.76 7.19	29.2 42.4 52.0 52.3 40.9	1 2 1 1 <1	0.5 0.6 0.5 0.5	315 458 335 345 332	0.36 0.43 0.43 0.46 0.46	0.12 0.13 0.15 0.15 0.14	1.40 1.34 1.39 1.41 1.46	0.419 0.524 0.537 0.554 0.513	0.13 0.22 0.19 0.19 0.22	0.6 0.7 0.7 0.7 0.7
\$030808 \$030809 \$030810 \$030811 \$030812		5.9 7.3 51.5 61.0 33.3	15.1 14.3 125.0 6.5 9.6	<0.002 0.002 <0.002 <0.002 <0.002	0.27 0.45 4.13 0.19 0.16	3.36 5.92 34.5 3.73 2.54	34.4 42.3 14.3 22.5 20.8	1 1 5 1	0.7 0.6 1.6 0.6 0.6	360 418 134.0 330 437	0.45 0.42 0.30 0.33 0.49	0.11 0.17 0.31 0.09 0.05	1.33 1.32 2.12 1.70 1.42	0.515 0.532 0.301 0.349 0.407	0.20 0.19 2.11 0.10 0.22	0.6 0.7 0.9 0.8 0.5
\$030813		6.1	7.2	<0.002	0.13	3.11	32.9	1	0.8	530	0.49	0.06	1.64	0.490	0.10	0.7
\$030814		10.5	30.4	<0.002	0.60	4.30	29.4	1	0.6	365	0.37	0.16	1.47	0.417	0.38	0.8
\$030815		43.8	43.2	<0.002	0.53	3.62	25.7	<1	0.7	325	0.39	0.11	1.56	0.393	0.68	0.7
\$030816		32.0	63.8	<0.002	0.72	4.05	26.4	1	0.6	315	0.34	0.09	1.31	0.385	0.87	0.7
\$030817		25.6	52.5	<0.002	0.85	4.60	41.9	<1	0.8	369	0.38	0.09	1.66	0.464	0.78	0.8
\$030818 \$030819 \$030820 \$030821 \$030822		14.3 10.7 4.3 20.9 79.1	64.0 75.3 0.4 103.5 83.6	<0.002 <0.002 <0.002 0.003 0.002	0.62 0.65 <0.01 0.36 0.67	4.51 4.00 0.55 4.91 11.50	26.1 17.9 0.3 15.2 25.3	1 1 1 1	0.7 0.8 <0.2 1.0 0.8	303 298 74.7 534 385	0.34 0.32 <0.05 0.57 0.30	0.09 0.07 <0.05 0.07 0.08	1.98 1.80 0.06 1.81 1.33	0.365 0.359 0.006 0.406 0.489	0.87 1.03 0.02 1.88 1.13	0.9 0.9 0.1 1.0 0.7
\$030823 \$030824 \$030825 \$030826 \$030826CD		8.3 7.7 51.6 221 220	93.5 66.1 67.7 79.4 79.7	<0.002 0.002 <0.002 <0.002 <0.002	0.78 1.32 1.24 0.89 0.87	7.14 8.47 5.74 8.87 8.46	15.0 9.8 9.7 10.1 9.5	1 <1 <1 1	0.9 1.1 1.0 0.9 0.8	478 670 739 513 511	0.43 0.44 0.47 0.40 0.39	0.07 0.08 0.09 0.09 0.11	2.23 2.07 1.96 2.29 2.37	0.372 0.423 0.436 0.392 0.395	1.79 1.94 1.30 1.51 1.55	1.1 1.0 1.1 1.2 1.1



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(ALS	,								CERTIFICATE OF ANALYSIS VA20211672
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$030789		321	1.4	19.1	46	26.1	18.9	0.6	64
\$030790		123	4.0	9.9	1870	44.6	26.8	0.4	72
\$030791		332	1.4	20.4	31	30.8	19.3	0.6	62
\$030792		305	1.6	18.6	29	28.2	18.3	0.6	62
\$030793		356	2.0	20.3	31	23.6	20.0	0.6	61
\$030794		329	1.5	20.6	27	44.4	19.2	0.6	59
\$030795		248	1.8	17.8	58	51.6	19.0	0.5	65
\$030796		336	1.2	21.4	41	25.7	18.4	0.6	68
\$030797		314	2.0	20.2	40	30.8	19.7	0.5	86
\$030798		174	1.8	13.3	18	27.8	22.5	0.3	74
\$030799 \$030800 \$030801 \$030802 \$030803		319 3 316 326 198	2.8 0.1 2.2 1.9	20.9 2.1 19.4 20.1 11.4	41 5 57 57 26	28.7 1.3 38.0 29.8 23.0	21.2 3.2 19.3 21.4 24.9	0.5 <0.1 0.5 0.5 0.3	69 7 62 69 77
S030804		249	1.1	14.8	35	26.8	20.7	0.4	68
S030805		353	1.0	21.2	49	32.6	20.2	0.5	54
S030806		362	1.1	21.7	46	32.6	21.0	0.5	61
S030806CD		371	1.1	21.9	47	28.1	20.9	0.5	61
S030807		318	1.3	19.3	111	32.1	22.1	0.5	67
\$030808 \$030809 \$030810 \$030811 \$030812		292 325 142 189 208	1.1 1.0 2.1 0.9 1.4	17.0 19.1 8.3 13.9 14.0	57 65 208 261 92	27.0 25.2 28.9 24.7 31.7	22.1 22.6 31.6 24.0 22.2	0.5 0.5 0.4 0.3	62 63 74 80 83
\$030813		295	1.0	19.6	150	30.1	21.4	0.4	64
\$030814		252	1.0	14.2	522	25.9	21.6	0.4	63
\$030815		219	1.0	15.8	419	25.5	24.0	0.4	76
\$030816		221	0.9	13.8	609	22.3	22.6	0.4	63
\$030817		300	1.0	19.5	639	31.1	20.9	0.5	67
\$030818		206	1.1	14.8	191	26.5	23.9	0.4	90
\$030819		173	1.2	13.6	61	26.7	24.4	0.4	90
\$030820		2	<0.1	2.3	9	1.3	2.9	<0.1	9
\$030821		199	2.3	16.3	171	42.5	22.4	0.5	117
\$030822		217	2.7	19.2	1650	60.9	17.6	0.5	71
\$030823 \$030824 \$030825 \$030826 \$030826CD		185 121 128 120 120	2.2 1.5 0.6 1.9	19.9 27.4 23.5 31.8 32.0	2430 109 379 744 794	39.3 48.7 56.0 49.6 65.0	18.3 19.7 21.1 17.9 17.9	0.5 0.5 0.5 0.4 0.5	92 141 158 125 121



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(ALS									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	11672	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030827		2.78	0.012	0.42	7.99	119.5	2000	1.34	0.14	4.40	1.38	24.5	10.7	3	5.31	25.8
\$030828		3.90	0.011	1.06	6.29	108.5	1120	0.96	0.15	13.25	41.3	36.0	8.0	2	7.24	20.4
\$030829		5.12	0.009	0.42	8.18	41.9	1660	1.39	0.14	4.44	0.59	30.5	10.0	3	8.73	13.7
\$030830		0.18	1.025	12.00	6.38	331	610	1.16	0.17	3.85	4.67	26.0	10.6	26	7.19	84.0
\$030831		5.58	0.046	0.37	7.00	486	660	1.32	0.17	9.60	0.58	26.7	7.5	2	11.35	12.3
\$030832		3.76	0.064	0.30	6.06	1460	370	1.10	0.12	10.20	1.54	19.60	6.8	2	10.70	14.6
\$030833		4.22	0.046	0.61	3.99	387	340	0.83	0.10	10.60	1.60	16.35	5.1	2	7.01	19.0
\$030834		3.72	0.106	1.25	3.91	366	680	0.61	0.09	12.70	0.15	17.35	14.6	14	3.75	67.3
\$030835		5.92	0.031	0.97	4.32	266	380	0.86	0.10	11.30	0.30	15.70	15.7	15	5.00	70.9
\$030836		6.00	0.015	1.11	7.13	135.0	1690	0.93	0.12	6.93	1.37	18.10	20.1	12	4.86	106.0
\$030837 \$030838 \$030839 \$030840 \$030841		5.42 3.18 3.16 1.12 5.94	0.019 0.009 0.009 <0.005 0.005	1.55 1.17 0.75 0.01 0.81	7.36 7.49 8.13 0.08 7.81	122.5 87.1 73.6 0.4 39.0	840 1410 2180 20 650	1.04 1.00 1.08 0.06 0.93	0.13 0.12 0.14 0.02 0.16	7.21 7.53 5.26 32.0 3.95	1.69 0.42 0.54 0.02 0.39	19.60 20.1 19.05 1.03 18.25	21.5 23.7 23.0 0.7 31.3	13 12 15 1	6.05 5.30 3.83 <0.05 2.49	127.0 133.0 112.5 1.8 148.5
\$030842		6.30	<0.005	1.39	7.71	40.5	880	0.85	0.19	3.76	8.70	17.70	29.6	16	2.51	151.5
\$030843		4.72	0.013	0.92	8.06	172.0	2410	1.02	0.21	5.22	1.61	18.45	20.8	10	4.85	114.5
\$030844		5.32	0.036	0.76	5.99	322	1670	0.87	0.15	10.25	0.49	17.75	17.4	8	4.08	74.4
\$030845		2.28	0.006	0.66	7.87	42.4	2920	0.85	0.09	4.58	1.50	16.95	18.8	14	3.59	82.7
\$030846		3.44	<0.005	0.81	7.68	37.3	2710	0.93	0.12	5.22	1.40	18.90	20.9	14	3.76	95.7
S030846CD		<0.02	<0.005	0.79	7.64	37.3	2500	0.90	0.11	5.17	1.35	17.85	20.7	13	3.64	93.9
S030847		3.64	<0.005	0.65	7.97	43.4	2880	0.87	0.13	5.02	0.42	21.2	19.4	14	3.24	80.6
S030848		4.36	0.015	1.47	5.64	238	880	0.81	0.17	12.35	4.68	17.50	21.2	9	3.76	108.5
S030849		5.60	0.006	0.60	5.95	47.4	330	1.05	0.13	10.25	0.14	16.95	27.6	18	5.29	164.0
S030850		0.18	5.70	80.4	6.33	303	680	1.07	1.08	2.04	23.6	26.9	11.1	23	7.81	118.5



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(ALS)									С	ERTIFIC	CATE O	F ANAI	_YSIS	VA202	11672	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030827		3.85	16.80	0.13	1.6	0.065	3.21	10.6	32.6	1.13	1080	1.23	2.68	7.4	2.5	1460
\$030828		3.28	13.45	0.10	1.4	0.056	2.33	19.1	22.2	0.81	2210	0.87	1.69	5.4	1.9	1060
\$030829		3.87	18.45	0.16	2.0	0.067	3.15	14.3	29.5	1.02	886	0.66	2.58	7.7	2.4	1450
\$030830		4.01	13.00	0.13	1.2	0.046	3.94	13.5	12.9	0.57	1460	10.05	0.21	4.9	19.7	960
\$030831		3.42	15.95	0.10	1.7	0.050	2.97	12.5	41.1	1.41	1280	0.64	0.55	6.1	1.8	1180
\$030832		3.14	15.05	0.09	1.4	0.044	2.64	8.5	42.9	1.45	1350	1.02	0.03	5.0	1.7	1010
\$030833		2.18	10.30	0.07	1.1	0.034	1.82	7.7	28.5	0.87	1400	1.10	0.03	3.4	1.4	640
\$030834		4.15	8.88	0.05	0.8	0.043	1.50	8.5	43.9	1.52	1760	0.41	0.27	3.9	5.5	1340
\$030835		4.79	11.60	<0.05	0.6	0.050	1.32	7.8	58.1	2.09	1590	0.67	0.14	4.4	6.7	1480
\$030836		5.32	15.00	0.08	1.1	0.060	3.37	8.7	51.3	1.96	1140	0.87	1.41	7.6	7.5	2100
\$030837		5.73	15.70	0.08	1.4	0.067	3.29	9.7	47.9	1.79	1110	0.81	1.39	8.1	7.5	2190
\$030838		5.33	14.85	0.07	1.2	0.080	3.20	10.6	47.2	1.85	1260	1.24	1.81	7.8	7.8	2200
\$030839		5.44	16.60	0.10	1.4	0.061	3.65	9.7	56.0	2.25	1160	1.42	2.06	8.5	7.2	2330
\$030840		0.16	0.30	0.08	0.1	0.007	0.02	1.2	1.5	2.60	151	0.07	0.03	0.1	0.8	80
\$030841		6.53	15.35	0.07	0.9	0.078	3.77	8.9	58.5	2.42	1040	1.07	2.08	8.4	8.2	2310
\$030842		6.19	15.25	0.09	0.9	0.088	3.38	8.4	59.9	2.40	957	0.66	2.13	8.8	9.2	2220
\$030843		4.97	16.10	0.12	1.0	0.083	4.06	8.5	55.4	2.13	1060	1.09	1.87	9.3	6.7	2230
\$030844		5.32	13.00	0.09	1.1	0.058	2.96	8.1	59.1	2.20	1440	0.68	0.88	6.5	5.6	1730
\$030845		5.65	16.20	0.11	1.3	0.075	4.56	7.6	62.4	2.64	1080	1.28	1.32	8.0	7.6	2330
\$030846		5.45	15.30	0.12	1.2	0.097	4.52	8.8	56.1	2.23	1040	1.43	1.40	8.4	7.3	2240
S030846CD		5.42	14.65	0.10	1.1	0.092	4.44	8.4	52.6	2.20	1030	1.09	1.40	8.1	7.2	2220
S030847		5.21	15.25	0.12	1.1	0.092	4.67	10.6	51.6	2.13	983	0.41	1.79	8.8	8.3	2380
S030848		5.17	12.00	0.06	0.9	0.052	3.53	8.6	37.0	1.68	1540	1.65	0.52	5.7	6.3	1790
S030849		7.07	13.50	0.07	0.7	0.072	3.35	8.8	46.6	2.06	1360	0.35	0.52	5.5	10.6	2590
S030850		4.74	12.50	0.07	1.3	1.415	3.69	14.3	12.4	0.48	1210	9.55	0.23	5.3	15.5	990



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

CERTIFICATE OF ANALYSIS VA20211672

Page: 4 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 9-OCT-2020 Account: PREBOW

											<i>-</i> ,	. / (14/ (1		***************************************		
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$030827 \$030828 \$030829 \$030830 \$030831		50.6 744 18.3 155.0 20.1	94.0 93.9 112.5 176.5 154.0	<0.002 <0.002 <0.002 <0.002 0.007 <0.002	1.71 1.67 1.29 2.95 0.99	9.87 9.14 5.58 19.50 18.70	10.2 8.2 10.3 11.3 8.5	1 1 1 2 1	1.0 0.8 1.1 1.5 1.0	516 338 405 196.5 275	0.44 0.33 0.48 0.28 0.38	0.11 0.11 0.11 0.37 0.11	2.12 2.00 2.32 3.43 2.30	0.444 0.315 0.444 0.263 0.363	2.34 1.01 1.31 3.28 1.54	1.1 1.0 1.2 1.8 1.1
\$030832 \$030833 \$030834 \$030835 \$030836		14.3 113.0 62.6 41.0 67.4	145.5 104.5 57.1 62.8 102.0	<0.002 <0.002 <0.002 <0.002 <0.002	0.86 0.73 1.42 1.49 1.79	34.6 12.35 14.75 12.00 10.95	7.6 5.6 24.9 26.0 29.8	1 1 1 1	0.8 0.6 0.5 0.6 0.8	167.5 190.0 199.5 204 278	0.30 0.21 0.23 0.23 0.43	0.18 0.12 0.16 0.14 0.20	1.79 1.14 0.86 0.97 1.67	0.308 0.200 0.293 0.321 0.490	1.51 0.93 0.63 0.60 1.28	0.9 0.6 0.4 0.5 0.8
\$030837 \$030838 \$030839 \$030840 \$030841		75.2 19.1 14.9 0.6 14.6	116.5 100.5 103.0 0.5 89.2	<0.002 <0.002 <0.002 <0.002 <0.002	2.48 2.18 1.41 <0.01 2.89	13.20 11.15 7.58 0.11 9.00	30.8 30.1 31.7 0.3 32.0	2 1 1 1 1	0.7 0.5 0.5 <0.2 0.6	286 313 352 74.4 369	0.45 0.42 0.49 <0.05 0.45	0.23 0.16 0.17 <0.05 0.26	1.78 1.79 1.98 0.06 1.60	0.512 0.506 0.554 0.006 0.546	1.32 1.42 1.43 <0.02 1.66	0.8 0.8 0.9 0.1 0.7
\$030842 \$030843 \$030844 \$030845 \$030846		324 66.6 46.8 48.2 54.0	87.8 110.5 85.0 113.5 118.0	<0.002 <0.002 <0.002 <0.002 <0.002	2.53 1.16 1.71 0.93 1.54	8.75 8.28 13.30 5.55 6.25	31.4 30.2 23.1 31.0 32.0	1 1 1 1	0.6 0.6 0.5 0.6 0.7	339 343 306 325 322	0.50 0.54 0.37 0.46 0.48	0.19 0.28 0.23 0.13 0.16	1.63 1.82 1.37 1.73 1.90	0.530 0.511 0.404 0.532 0.515	1.56 1.50 1.05 1.38 1.92	0.6 0.7 0.6 0.7 0.8
S030846CD S030847 S030848 S030849 S030850		48.3 21.2 116.5 9.5 8790	113.0 113.5 103.0 104.5 158.0	<0.002 <0.002 <0.002 <0.002 0.002	1.54 1.51 2.23 3.17 3.07	6.07 6.73 11.00 9.61 72.8	31.1 32.9 26.9 55.7 12.6	1 1 1 1 2	0.7 0.7 0.8 0.9 3.9	322 365 444 346 144.5	0.45 0.51 0.33 0.30 0.32	0.15 0.18 0.32 0.33 0.37	1.73 1.71 1.17 0.96 3.94	0.507 0.552 0.402 0.571 0.254	1.99 1.92 1.32 1.48 3.16	0.8 0.7 0.6 0.4 2.1



S030846

S030847

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S030846CD

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**CERTIFICATE OF ANALYSIS** 

Page: 4 - D Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 9-OCT-2020 Account: PREBOW

VA20211672

Project: Bowser Regional Project

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$030827 \$030828 \$030829 \$030830 \$030831		133 96 130 109 106	1.3 1.3 1.5 4.7 2.6	22.7 33.7 24.6 8.8 21.8	175 4090 84 511 80	49.8 41.7 67.0 38.6 76.0	21.5 15.3 22.3 26.8 20.0	0.5 0.3 0.5 0.3 0.4	147 96 141 81 110	
\$030832 \$030833 \$030834 \$030835 \$030836		96 66 206 224 281	3.8 2.9 3.0 3.4 2.7	17.8 17.1 17.9 15.5 15.7	154 169 33 51 174	43.9 38.7 14.7 34.2 30.4	19.8 24.8 18.8 18.7 18.3	0.3 0.2 0.3 0.3	93 67 31 34 65	
\$030837 \$030838 \$030839 \$030840 \$030841		292 286 302 2 301	3.2 2.3 2.3 0.1 1.8	17.3 17.3 18.2 2.0 16.7	190 77 86 4 63	37.2 37.3 37.6 1.4 25.0	18.1 18.8 19.4 3.7 19.7	0.5 0.5 0.6 <0.1 0.6	65 61 76 7 66	
\$030842 \$030843 \$030844 \$030845		301 316 211 298	2.0 2.4 2.1 2.7	17.2 17.4 18.0 16.4	917 191 85 206	22.7 25.2 24.1 31.7	20.5 19.7 16.1 19.7	0.6 0.5 0.4 0.6	65 71 52 69	

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19.8

9.2

179

174

83

484

38

1920

50.1

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28.5

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20.2

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CERTIFICATE	OE		VA2021	1672
CENTIFICATE	UГ	ANALISIS	VAZUZI	10/2

		CERTIFICATE COM	MENTS	
		ANALY	FICAL COMMENTS	
	REEs may not be totally s			
Applies to Method:	ME-MS61	orable in this method.		
			TORY ADDRESSES	
		ver located at 2103 Dollarton Hwy, No		
Applies to Method:	Au-AA23	BAG-01	CRU-31	CRU-QC
	LOG-21	LOG-21d	LOG-23	ME-MS61
	PUL-32m	PUL-32md	PUL-QC	pXRF-34
	SPL-21	SPL-21d	WEI-21	



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Page: 1 Total # Pages: 4 (A - D) **Plus Appendix Pages** Finalized Date: 9-OCT-2020 This copy reported on

27-JAN-2021 **Account: PREBOW** 

## VA20213992

Project: Bowser Regional Project

P.O. No.: BOW-1129

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 24-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA **COREY JAMES** LEANNE HAWKINS JULIANNE MADSEN STEPHAINE WAFFORN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
PUL-32md	Pulverize 500g-DUP -85%<75um	
LOG-21	Sample logging - ClientBarCode	
CRU-31	Fine crushing - 70% <2mm	
CRU-QC	Crushing QC Test	
PUL-QC	Pulverizing QC Test	
SPL-21	Split sample - riffle splitter	
PUL-32m	Pulverize 500g - 85%<75um	
BAG-01	Bulk Master for Storage	
LOG-23	Pulp Login - Rcvd with Barcode	
LOG-21d	Sample logging - ClientBarCode Dup	
SPL-21d	Split sample - duplicate	

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

Page: 2 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 9-OCT-2020 Account: PREBOW

(ALS	,								CERTIFICATE OF ANAL				_YSIS	VA202	13992	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030851		3.84	0.011	0.77	5.18	115.0	230	0.66	0.09	10.55	0.19	21.2	29.1	17	2.50	193.5
\$030852		5.38	0.009	0.71	4.95	67.6	410	0.82	0.07	9.34	1.54	13.90	30.4	16	3.34	183.0
\$030853		3.76	<0.005	0.19	6.89	13.0	3160	0.85	0.04	5.10	0.14	18.85	5.3	23	2.78	25.2
\$030854		5.36	<0.005	0.44	7.53	35.5	1670	1.17	0.09	4.13	0.19	24.9	23.2	28	3.16	129.5
\$030855		5.92	<0.005	0.19	7.88	19.0	2040	1.14	0.10	4.27	0.32	22.6	14.9	23	2.47	64.4
\$030856		5.20	<0.005	0.11	7.69	8.4	1370	1.20	0.13	3.59	0.29	19.95	11.0	23	1.17	32.8
\$030857		5.72	<0.005	0.15	7.44	7.0	2110	1.10	0.17	3.18	0.19	17.90	18.7	22	1.61	76.6
\$030858		5.18	0.005	0.20	7.29	13.5	1780	1.12	0.17	3.37	0.55	15.90	17.6	30	1.25	76.4
\$030859		5.18	0.008	0.19	7.41	18.1	690	1.13	0.15	4.14	0.23	21.1	23.8	24	1.06	98.9
\$030860		0.56	<0.005	<0.01	0.49	<0.2	100	0.17	0.04	30.6	0.02	1.27	0.8	1	0.26	2.5
\$030861		5.70	0.005	0.16	7.17	3.5	1630	0.88	0.12	3.80	0.17	18.50	24.4	26	0.89	123.5
\$030862		6.02	<0.005	0.15	7.42	5.1	1910	0.76	0.13	4.28	0.21	20.5	22.2	19	1.15	108.5
\$030863		7.10	0.006	0.20	7.58	7.7	530	0.92	0.12	4.91	0.13	22.0	25.6	12	1.23	122.5
\$030864		6.16	0.006	0.18	7.79	9.3	2510	0.87	0.08	4.97	0.09	23.0	22.0	19	1.65	110.0
\$030865		6.76	<0.005	0.10	7.75	5.9	1500	1.03	0.10	4.78	0.19	20.3	17.2	15	0.98	61.6
\$030866		5.12	<0.005	0.08	8.00	7.4	1740	0.89	0.06	5.39	0.12	19.45	14.3	14	1.16	37.9
\$030866CD		<0.02	<0.005	0.08	7.79	8.7	1720	1.03	0.05	5.23	0.11	21.2	15.3	14	1.31	36.8
\$030867		6.42	<0.005	0.05	7.82	6.0	2160	0.81	0.06	4.11	0.20	14.45	13.2	13	1.07	29.1
\$030868		5.94	<0.005	0.13	8.14	13.4	1940	0.83	0.17	4.29	0.13	20.2	22.0	14	0.97	76.1
\$030869		6.80	<0.005	0.24	7.70	8.4	2080	0.76	0.28	4.17	0.06	19.35	25.1	13	0.90	114.0
\$030870		0.16	1.120	28.4	5.90	378	130	1.27	1.00	0.67	1.72	29.1	13.9	19	8.20	113.0
\$030871		6.60	<0.005	0.16	8.55	3.1	1960	0.85	0.16	2.91	0.17	25.5	23.6	6	1.29	111.5
\$030872		5.70	0.005	0.22	8.05	5.7	1760	0.92	0.22	3.72	0.13	19.25	22.2	5	0.93	123.5
\$030873		5.32	0.007	0.30	7.80	7.7	1170	1.26	0.24	5.15	0.65	18.70	22.0	6	1.35	118.5
\$030874		6.30	<0.005	0.14	8.07	1.1	2500	1.05	0.13	3.43	0.51	20.4	17.7	5	1.17	95.0
\$030875 \$030876 \$030877 \$030878 \$030879		5.98 6.70 6.10 6.88 6.52	<0.005 0.006 0.010 <0.005 <0.005	0.14 0.15 0.17 0.11 0.09	8.02 8.20 8.40 8.16 8.07	2.5 4.4 8.4 1.8 1.3	1070 1830 1520 1980 2040	1.20 1.20 1.36 0.92 0.75	0.15 0.13 0.17 0.11 0.10	5.20 5.17 6.53 4.05 3.18	0.47 0.37 0.24 0.18 0.14	17.95 20.9 22.3 22.3 20.5	16.5 17.0 18.4 17.1 17.5	5 5 6 6	0.74 0.93 0.74 0.86 0.97	89.6 94.3 97.8 90.3 90.2
\$030880 \$030881 \$030882 \$030883 \$030884		0.54 5.40 5.40 5.88 5.38	<0.005 <0.005 <0.005 <0.005 <0.005	0.01 0.11 0.07 0.08 0.06	0.08 7.97 8.17 7.92 7.85	<0.2 2.9 2.7 1.9 2.2	20 1690 1510 1680 2290	0.08 0.75 0.72 1.03 1.10	0.01 0.10 0.10 0.10 0.10	28.9 3.08 2.99 3.49 3.77	<0.02 0.16 0.20 0.18 0.15	0.89 17.70 20.4 17.35 18.30	0.8 14.9 16.9 17.1 15.2	1 6 6 6	<0.05 0.86 0.69 0.66 0.89	2.3 74.9 74.1 78.7 60.2
\$030885		6.12	<0.005	0.08	7.97	1.5	2680	0.81	0.14	3.32	0.11	21.2	18.5	7	1.01	81.5
\$030886		5.22	<0.005	0.07	8.08	1.5	1960	1.06	0.13	3.57	0.13	19.15	15.1	7	0.89	71.9
\$030886CD		<0.02	<0.005	0.08	7.90	1.5	1930	0.97	0.11	3.44	0.12	18.10	15.0	7	0.88	75.7
\$030887		6.10	<0.005	0.11	7.93	2.0	2610	1.10	0.19	3.85	0.34	20.3	20.6	12	1.03	111.5
\$030888		5.72	<0.005	0.09	7.81	2.4	2350	1.06	0.14	4.13	0.12	19.40	19.5	10	0.95	111.0



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Page: 2 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 9-OCT-2020 Account: PREBOW

(ALS	,									ERTIFIC	CATE O	F ANAI	LYSIS	VA202	13992	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030851 \$030852 \$030853 \$030854 \$030855		6.35 5.92 1.99 3.99 3.82	12.90 14.95 15.70 18.80 18.05	0.09 0.09 0.15 0.15 0.12	0.8 0.8 1.3 1.2	0.043 0.097 0.073 0.067 0.080	2.76 2.75 5.18 4.20 3.65	12.4 6.8 9.8 13.0 11.6	29.9 46.3 31.9 36.2 32.4	1.32 2.06 1.27 1.54 1.89	1080 1310 732 730 843	0.59 4.77 3.64 4.19 0.92	1.19 0.44 1.34 2.09 2.84	5.5 5.7 8.7 8.1 8.7	10.1 8.5 9.4 17.7 14.0	2160 1660 1600 1490 1680
\$030856		3.86	17.35	0.11	1.0	0.077	2.78	9.7	21.3	2.51	898	0.85	3.41	6.5	9.3	1420
\$030857		4.79	18.30	0.12	1.0	0.075	3.31	8.6	24.7	2.21	816	0.84	2.89	8.7	12.6	1680
\$030858		4.87	18.80	0.09	1.0	0.067	2.91	7.2	27.6	2.14	839	1.33	2.94	7.5	11.7	1500
\$030859		6.09	18.20	0.12	1.1	0.100	3.40	9.5	20.0	2.45	963	1.69	2.73	7.0	14.6	1560
\$030860		0.12	1.67	0.14	0.2	0.008	0.20	1.3	1.8	2.46	115	0.11	0.20	0.5	0.4	70
\$030861 \$030862 \$030863 \$030864 \$030865		6.36 5.57 6.19 5.62 5.73	16.15 15.80 17.35 18.80 18.00	0.10 0.11 0.12 0.12 0.10	0.9 1.0 1.1 1.1	0.061 0.054 0.063 0.063 0.104	3.07 3.73 3.61 4.11 2.47	8.4 9.9 10.8 12.7 10.0	11.4 16.1 26.8 25.5 30.0	1.86 1.91 2.37 2.27 3.07	813 929 1170 1020 1300	0.69 0.72 0.77 1.57 0.41	3.32 2.96 2.38 2.18 2.89	6.9 7.9 8.8 8.9 8.1	11.1 9.5 8.5 12.3 9.3	1770 1960 2330 2040 2060
\$030866		5.76	18.50	0.12	1.0	0.093	2.60	10.3	38.1	3.33	1390	0.77	2.63	7.8	9.4	2060
\$030866CD		5.53	20.2	0.13	1.0	0.090	2.56	11.8	41.8	3.22	1350	0.86	2.56	8.6	9.7	2020
\$030867		5.53	18.55	0.11	0.8	0.070	3.14	7.7	38.6	3.04	1260	0.49	2.60	7.9	7.8	2030
\$030868		6.05	18.60	0.13	1.0	0.086	2.84	10.4	33.1	2.88	1190	0.51	2.83	8.0	9.3	2020
\$030869		6.26	18.10	0.12	0.9	0.101	3.22	8.7	18.5	2.56	1020	0.42	2.75	7.8	7.9	2020
\$030870		4.48	13.60	0.13	0.9	0.033	2.71	14.2	10.5	0.37	225	4.88	0.19	5.6	14.6	1300
\$030871		5.99	19.00	0.11	0.9	0.050	2.61	13.4	32.8	2.24	885	0.44	3.89	9.9	5.6	2100
\$030872		5.63	17.45	0.12	1.1	0.057	2.78	7.8	21.8	1.90	749	0.79	3.69	9.5	5.0	1920
\$030873		6.93	20.1	0.12	1.0	0.083	4.42	8.2	27.7	2.68	1040	4.92	1.71	8.9	4.3	1770
\$030874		5.28	16.15	0.14	1.1	0.053	4.15	8.9	23.3	1.97	764	0.89	2.91	9.1	4.7	1920
\$030875		5.17	20.6	0.11	1.1	0.052	2.32	8.4	21.0	1.86	846	1.45	3.28	9.3	4.2	1880
\$030876		5.08	19.50	0.13	1.2	0.051	3.12	9.9	17.7	1.74	807	0.60	3.03	8.9	4.0	1780
\$030877		5.15	24.5	0.13	1.3	0.055	2.93	11.3	15.9	1.60	795	0.69	2.63	9.6	4.8	1840
\$030878		4.98	17.60	0.13	1.2	0.047	3.64	10.7	17.6	1.78	806	0.77	3.32	10.4	4.8	1930
\$030879		5.21	15.15	0.13	1.1	0.050	3.15	9.3	19.6	1.84	800	0.84	3.78	9.1	4.6	1820
\$030880		0.14	0.32	0.19	<0.1	<0.005	0.02	1.0	1.2	3.25	143	0.08	0.04	0.1	0.4	70
\$030881		4.63	16.55	0.10	1.1	0.052	2.66	7.8	24.2	1.85	809	0.59	4.09	9.3	4.2	1910
\$030882		5.08	17.00	0.11	1.0	0.056	2.25	9.7	27.2	2.18	918	0.61	4.08	9.0	4.4	1770
\$030883		5.18	18.35	0.09	1.0	0.054	2.61	7.7	28.8	2.24	947	0.84	3.54	9.2	4.7	1870
\$030884		4.53	18.30	0.11	1.2	0.058	3.34	8.4	24.4	2.20	913	0.77	3.00	10.0	4.8	1810
\$030885		4.69	15.65	0.14	1.1	0.056	3.38	10.5	21.3	1.94	773	0.74	3.47	10.4	5.3	1820
\$030886		4.88	17.40	0.12	1.1	0.057	2.73	8.8	24.5	2.15	872	0.51	3.71	9.6	4.8	1910
\$030886CD		4.87	16.85	0.10	1.1	0.058	2.70	8.2	23.0	2.07	845	0.49	3.63	9.4	4.8	1870
\$030887		5.91	16.90	0.20	1.1	0.053	3.91	9.9	26.7	2.07	898	1.11	2.79	10.1	9.6	2460
\$030888		5.51	16.85	0.17	1.1	0.046	3.53	9.3	24.2	1.88	852	0.85	2.95	10.0	7.0	2170



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

CERTIFICATE OF ANALYSIS VA20213992

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								<u></u>			CAILO	ו אוא	-1313	VAZOZ	13332	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
S030851 S030852		8.8 39.4	82.3 94.2	0.002 0.010	3.80 2.50	7.75 8.07	46.2 29.8	2 2	1.1 0.8	312 236	0.32 0.35	0.21 0.15	0.91 1.06	0.493 0.372	1.06 1.16	0.4 0.5
S030853 S030854 S030855		6.7 13.3 32.6	121.0 122.0 95.1	0.027 0.028 0.003	0.29 1.59 1.11	5.65 6.34 5.87	18.7 21.1 19.0	1 2 1	0.8 1.0 0.7	341 438 490	0.52 0.48 0.52	0.09 0.16 0.19	1.92 2.32 1.82	0.382 0.407 0.434	1.76 1.85 1.43	1.0 1.1 0.9
S030856 S030857		20.6 25.8	74.6 75.4	<0.003	0.54	3.91 3.15	23.1	1 1	0.6 0.7	366 425	0.37 0.49	0.13 0.12 0.17	1.67	0.384	0.83 0.96	0.8
S030858 S030859		42.4 20.1	61.0 90.5	0.003 0.002 0.004	1.49 2.44	5.67 6.65	21.2 28.6	1 1	0.6 0.9	375 329	0.43 0.39	0.26 0.29	1.54 1.71	0.416 0.415	0.82 0.95	0.8 0.8
S030860 S030861		2.0 7.9	6.0	<0.002	<0.01	0.12 2.92	0.3 31.7	1	0.2	79.9 334	0.05	<0.05	1.39	0.006	0.21	0.3
\$030862 \$030863 \$030864		9.4 6.1 6.5	94.6 102.0 112.5	0.003 0.002 0.002	2.10 2.50 1.91	3.72 6.12 4.80	32.5 40.5 30.0	1 1 1	0.9 0.9 0.8	389 427 408	0.46 0.48 0.50	0.22 0.20 0.17	1.41 1.52 1.75	0.484 0.519 0.473	0.99 1.06 1.09	0.7 0.8 0.8
S030865 S030866		9.7	68.6	<0.002	0.91	3.16	34.7	1	0.8	374 375	0.46	<0.05	1.34	0.553 0.557	0.60	0.6
\$030866CD \$030867 \$030868		6.9 4.7 8.2	77.7 63.2 78.4	0.002 0.002 <0.002	0.41 0.38 1.00	3.07 2.60 4.47	38.9 28.5 34.9	1 1 1	0.7 0.7 0.8	371 388 411	0.46 0.44 0.44	<0.05 <0.05 0.16	1.44 0.93 1.39	0.537 0.522 0.524	0.71 0.78 0.73	0.6 0.5 0.6
S030869 S030870		12.8 53.1	85.6 128.0	<0.002	4.21	6.14 36.5	34.8 14.9	6	1.9	510 137.5	0.43	0.25	2.61	0.525	2.19	1.0
\$030871 \$030872 \$030873		5.8 5.0 9.3	64.2 63.4 103.5	<0.002 <0.002 0.011	1.32 1.99 2.75	2.59 3.43 5.54	31.3 28.3 25.0	1 1 1	0.9 0.9 0.9	468 347 308	0.56 0.55 0.51	0.15 0.27 0.31	1.35 1.25 1.16	0.576 0.532 0.473	0.65 0.71 1.24	0.6 0.5 0.6
S030874 S030875		7.2 5.8	97.2 47.3	<0.002	1.46 1.53	1.91 2.34	25.1 23.4	1	0.7	363 266	0.54	0.15 0.19	1.28	0.499	0.97	0.6
\$030876 \$030877 \$030878 \$030879		5.6 9.1 5.6 6.3	82.5 69.6 83.5 76.9	<0.002 <0.002 <0.002 <0.002	1.99 2.23 1.52 1.54	3.31 3.85 1.84 2.24	25.5 25.4 26.3 25.1	2 2 1 1	0.8 0.8 0.8 0.8	291 239 302 406	0.52 0.53 0.58 0.52	0.28 0.33 0.15 0.10	1.37 1.49 1.38 1.35	0.469 0.493 0.513 0.484	0.73 0.70 0.79 0.69	0.6 0.6 0.6 0.6
S030880 S030881		0.6 7.1	0.5 54.0	<0.002 <0.002	<0.01 1.26	0.11	0.3 23.3	1	<0.2 0.8	68.3 397	<0.05 0.55	<0.05 0.17	0.06	0.006 0.495	<0.02 0.58	0.1 0.5
S030882 S030883 S030884		5.4 6.2 5.6	55.3 46.0 65.9	<0.002 <0.002 <0.002	1.20 1.21 0.90	2.70 2.23 2.00	24.6 24.0 24.1	1 1 1	0.7 0.7 0.7	366 298 296	0.54 0.54 0.56	0.12 0.13 0.06	1.37 1.08 1.17	0.477 0.512 0.493	0.48 0.56 0.70	0.6 0.5 0.5
S030885 S030886 S030886CD S030887		5.5 6.7 6.8 10.8	79.9 57.6 54.9 82.7	<0.002 <0.002 <0.002 <0.002	1.21 1.14 1.13 1.73	2.08 2.38 2.28 2.67	24.9 24.3 23.5 31.9	1 1 1 2	0.8 0.7 0.7 0.7	423 415 406 372	0.57 0.55 0.56 0.56	0.16 0.14 0.14 0.29	1.38 1.28 1.21 1.56	0.488 0.506 0.490 0.522	0.74 0.62 0.56 0.90	0.6 0.6 0.5 0.7
S030888		6.9	81.0	<0.002	1.75	2.89	30.3	1	8.0	363	0.54	0.27	1.46	0.514	0.79	0.7



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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Sample Description	Method Analyte Units	ME-MS61 V ppm	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61 Zr ppm	pXRF-34 Si %	pXRF-34 Ti %	pXRF-34 Zr ppm		
Sample Bescription	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5		
S030851		353	2.8	21.8	26	17.3	14.8	0.5	37		
S030852		262	2.7	17.4	159	21.4	17.7	0.4	40		
S030853		194	2.6	13.6	29	42.3	23.1	0.5	83		
S030854		215	1.7	16.1	34	39.3	22.0	0.5	79		
S030855		207	1.3	16.0	48	36.4	21.8	0.5	92		
S030856		211	1.0	14.1	49	28.9	24.0	0.4	73		
S030857		238	1.1	14.8	44	30.9	22.0	0.5	90		
S030858		224	1.3	12.7	78	30.0	22.1	0.5	85		
S030859		247	1.2	18.8	54	33.2	21.9	0.5	74		
S030860		3	0.3	3.0	5	4.6	4.0	0.1	9		
S030861		308	1.4	15.4	42	25.6	21.5	0.5	74		
S030862		298	1.3	16.5	42	27.7	21.9	0.5	71		
S030863		326	1.0	19.9	39	28.6	20.5	0.6	58		
S030864		280	1.1	17.9	42	32.3	20.6	0.5	72		
S030865		344	1.1	18.4	63	26.1	20.6	0.6	62		
S030866		347	1.4	16.7	62	25.1	18.9	0.5	55		
S030866CD		338	1.6	18.6	59	26.9	19.5	0.5	60		
S030867		314	1.6	12.7	66	23.2	18.6	0.5	61		
S030868		316	1.2	17.4	60	25.9	20.1	0.5	59		
S030869		315	1.0	18.0	43	24.4	21.8	0.6	57		
S030870		144	2.6	8.8	199	33.3	31.2	0.4	80		
S030871		275	1.0	21.2	56	25.4	21.4	0.6	88		
S030872		243	1.2	19.7	44	32.4	22.0	0.5	84		
S030873		236	1.6	19.0	120	32.0	20.4	0.5	76		
S030874		225	0.9	19.0	88	33.1	22.5	0.5	94		
S030875		218	1.1	18.3	88	34.8	21.1	0.5	91		
S030876		208	1.0	20.4	62	32.7	22.5	0.5	85		
S030877		222	1.2	20.7	48	40.4	21.5	0.5	86		
S030878		229	0.9	20.7	42	34.8	22.5	0.5	87		
S030879		221	0.7	20.0	40	31.2	22.0	0.6	83		
S030880		3	0.1	2.2	4	1.4	4.1	<0.1	8		
S030881		218	8.0	17.9	44	28.2	21.9	0.5	84		
S030882		213	8.0	19.3	54	29.6	22.6	0.5	91		
S030883		240	0.9	17.8	54	28.8	21.6	0.5	88		
S030884		231	0.9	18.1	46	34.7	22.6	0.6	85		
S030885		218	0.8	20.6	37	34.0	22.4	0.5	89		
S030886		239	0.9	18.4	48	31.2	22.4	0.5	87		
S030886CD		234	0.9	17.5	44	30.5	22.2	0.5	90		
S030887		302	0.9	16.6	74	32.6	22.4	0.6	70		
S030888		286	0.9	17.0	42	32.6	22.6	0.6	72		



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030889		5.88	<0.005	0.11	7.51	1.9	2560	0.94	0.13	4.17	0.14	17.35	18.0	10	0.91	105.5
\$030890		0.18	0.958	13.30	6.25	313	410	1.17	0.16	3.61	4.57	24.4	11.1	26	6.82	89.0
\$030891		5.68	<0.005	0.12	7.76	3.4	1500	0.98	0.16	4.24	0.15	22.3	26.7	11	0.93	141.0
\$030892		5.66	<0.005	0.11	7.99	2.2	2100	1.07	0.12	4.58	0.14	22.6	20.4	14	0.81	103.5
\$030893		5.88	<0.005	0.16	8.00	5.1	2140	1.14	0.16	4.26	0.14	21.3	22.9	11	0.87	117.0
\$030894 \$030895 \$030896 \$030897 \$030898		5.34 6.50 5.18 5.98 6.16	<0.005 <0.005 <0.005 <0.005 <0.005	0.14 0.16 0.13 0.13 0.18	7.91 7.73 7.96 8.05 7.71	3.0 5.3 3.4 2.3 2.9	2460 2450 2480 2100 2110	1.12 1.05 1.11 1.07 1.03	0.18 0.14 0.12 0.14 0.20	4.22 4.15 4.20 4.14 3.97	0.20 0.16 0.22 0.27 0.21	18.90 17.50 18.05 19.65 15.55	23.3 23.0 18.8 22.0 24.2	8 11 10 10	0.87 0.88 0.88 0.77 0.87	129.5 130.0 106.0 129.5 157.5
\$030899		5.60	<0.005	0.26	7.85	43.2	1700	1.18	0.18	4.05	0.11	17.15	28.5	10	0.95	157.5
\$030900		0.48	<0.005	0.01	0.09	<0.2	30	0.06	0.02	34.1	0.02	1.12	1.1	2	<0.05	3.3
\$030901		6.30	<0.005	0.18	8.13	5.9	1730	1.09	0.17	4.49	0.16	21.9	21.0	10	0.81	146.5
\$030902		5.66	0.006	0.16	8.09	9.2	2190	0.94	0.18	4.50	0.17	21.3	19.5	9	0.88	168.5
\$030903		5.70	0.005	0.12	8.02	6.1	2160	1.00	0.14	4.59	0.15	19.70	18.4	10	0.73	137.0
\$030904		6.42	<0.005	0.09	8.17	2.8	2180	1.05	0.09	4.68	0.24	20.9	17.0	11	0.80	93.3
\$030905		6.12	<0.005	0.10	7.82	5.4	2330	1.07	0.12	4.68	0.19	16.05	20.9	11	0.76	89.9
\$030906		6.76	<0.005	0.06	8.19	4.3	2180	1.31	0.06	4.49	0.14	19.05	13.2	23	0.84	64.3
\$030906CD		<0.02	<0.005	0.06	8.40	4.0	2180	1.26	0.07	4.48	0.14	19.50	12.5	23	0.85	62.6
\$030907		2.68	<0.005	0.15	8.32	4.8	1840	1.30	0.14	4.38	0.25	15.85	25.7	22	0.92	170.0
\$030908		3.78	0.017	0.55	7.49	10.8	140	1.19	0.33	6.70	0.13	16.65	47.9	17	0.72	437
\$030909		6.56	0.006	0.12	8.07	8.6	2740	0.86	0.09	4.64	0.14	15.95	10.8	20	1.45	69.0
\$030910		0.18	5.24	81.0	6.27	287	400	1.05	1.09	1.91	22.4	25.5	11.0	22	7.41	120.5
\$030911		5.16	0.005	0.14	8.38	7.0	2260	0.82	0.12	4.41	0.12	17.80	11.8	20	1.10	57.8
\$030912		6.48	<0.005	0.10	8.19	4.6	2110	1.00	0.08	4.79	0.08	18.60	14.4	19	0.72	54.5
\$030913		6.18	<0.005	0.06	8.12	6.2	1580	0.97	0.07	4.91	0.11	19.85	13.7	20	0.62	39.5
\$030914		6.66	<0.005	0.08	7.88	8.9	1120	0.95	0.07	4.82	0.08	17.75	18.4	23	0.55	49.2
\$030915		7.02	0.005	0.16	7.66	16.2	2280	0.90	0.11	4.09	0.11	15.40	32.0	21	0.81	95.9
\$030916		6.46	0.006	0.14	8.08	7.9	2600	0.85	0.08	3.54	0.11	19.60	18.9	18	0.92	76.7
\$030917		6.38	<0.005	0.09	8.06	4.4	2420	1.09	0.10	3.82	0.10	19.70	13.9	19	1.12	49.2
\$030918		5.98	<0.005	0.08	7.91	4.8	1920	1.15	0.16	3.64	0.08	19.70	17.1	28	1.13	84.4
\$030919		5.80	0.008	0.17	7.89	11.2	2290	0.97	0.16	5.24	0.08	20.9	17.3	21	2.51	95.6
\$030920		0.50	<0.005	0.02	0.08	<0.2	20	0.07	0.02	33.0	0.02	1.02	0.9	1	<0.05	3.2
\$030921		6.16	<0.005	0.08	7.64	7.0	2030	1.15	0.10	2.69	0.07	21.1	10.4	32	1.82	48.8
\$030922		4.76	<0.005	0.09	7.97	5.1	1360	1.05	0.14	4.06	0.11	21.7	13.4	28	1.04	64.5
\$030923		4.90	0.008	0.11	7.72	5.0	1800	1.01	0.14	3.15	0.10	22.0	13.4	37	1.37	76.3
\$030924		6.62	0.005	0.05	7.69	5.6	1490	0.91	0.07	3.62	0.09	20.4	11.6	24	0.81	54.5
\$030925		5.36	<0.005	0.07	8.49	4.2	1590	0.89	0.11	2.60	0.12	19.55	13.9	20	1.56	63.3
\$030926		4.94	0.006	0.06	8.10	4.9	1690	0.84	0.11	3.18	0.10	22.6	12.7	24	1.13	57.7
\$030926CD		<0.02	0.005	0.06	8.13	6.3	1670	0.85	0.11	3.15	0.10	21.0	13.6	24	1.11	55.9



To: PRETIVM
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Project: Bowser Regional Project

## VA20213992 **CERTIFICATE OF ANALYSIS** ME-MS61 Method Fe Ga Ge Hf In La Li Mg Mn Мо Na Nb Ni Р Analyte % % % % ppm Units Sample Description LOD 0.01 0.05 0.05 0.1 0.005 0.01 0.5 0.2 0.01 5 0.05 0.01 0.1 0.2 10 6.5 2220 S030889 5.40 15.05 0.19 1.0 0.043 3.80 8.3 20.4 1.79 833 0.93 2.88 9.9 S030890 3.96 14.10 0.16 1.2 0.049 3.94 12.0 13.7 0.56 1420 9.96 0.21 5.4 21.8 940 3.20 25.2 2420 S030891 6.76 17.35 0.17 1.0 0.057 11.1 2.13 929 0.91 2.83 10.1 7.7 5.79 18.10 0.17 1.2 0.057 2.91 12.0 27.7 2.12 921 0.72 3.03 10.0 6.9 2380 S030892 2.92 S030893 6.23 18.50 0.17 1.0 0.060 10.8 31.4 2.18 949 1.17 3.07 10.1 7.0 2300 30.6 2.11 899 2.93 6.8 2260 S030894 6.27 18.90 0.18 1.0 0.053 3.18 9.1 1.46 10.2 6.05 17.55 0.18 0.057 3.21 8.3 27.4 2.02 894 1.25 3.05 10.6 7.1 2300 S030895 1.1 2350 5.73 17.65 0.15 0.055 3.47 8.7 27.9 2.06 920 2.86 10.1 6.2 S030896 1.0 1.08 S030897 6.30 19.40 0.17 1.1 0.055 2.99 9.5 29.8 2.21 914 0.83 2.97 10.2 6.7 2340 6.25 2280 16.00 0.16 1.0 0.050 3.68 7.4 22.6 1.87 779 2.82 9.5 6.4 S030898 1.11 17.30 0.19 1.2 4.21 7.9 29.3 756 2.66 10.0 7.0 2140 S030899 6.15 0.050 1.71 1.63 0.35 <0.2 0.15 0.16 < 0.1 < 0.005 0.02 1.3 1.3 2.18 142 0.12 0.04 0.2 80 S030900 2330 6.11 17.65 0.15 1.2 0.051 3.37 11.1 24.6 1.91 836 0.95 2.86 10.1 6.6 S030901 6.26 17.00 0.17 1.0 0.051 3.03 11.1 25.8 2.04 915 0.52 3.19 9.7 7.1 2320 S030902 2.92 9.7 22.7 6.4 2250 S030903 5.63 17.75 0.16 1.1 0.069 1.99 899 0.49 3.24 10.1 17.35 1.2 3.25 24.3 2.05 925 0.53 3.01 10.3 7.5 2410 S030904 5.49 0.16 0.071 11.0 S030905 5.63 16.30 0.15 1.0 0.052 3.37 7.9 22.8 1.75 829 1.24 2.90 9.6 7.8 2360 9.8 23.8 675 3.24 9.3 2120 3.86 18.00 0.19 0.051 3.57 1.26 0.80 9.1 S030906 1.1 3.85 17.85 0.17 1.1 0.051 3.60 10.1 23.5 1.26 676 0.80 3.26 9.0 9.1 2120 S030906CD S030907 5.43 17.00 0.18 1.0 0.035 3.47 7.8 18.8 1.11 520 2.15 3.21 9.0 10.3 2050 23.3 0.15 0.032 2.34 8.6 19.9 485 5.19 1.69 7.7 13.5 1690 S030908 11.75 0.9 1.00 3.86 17.45 0.17 1.0 0.053 3.27 7.8 30.6 1.51 643 0.83 3.61 8.3 7.3 2050 S030909 4.67 13.45 0.15 1.3 1.315 3.69 12.8 12.8 0.47 1180 9.52 0.23 5.8 16.2 940 S030910 2.92 1970 S030911 4.23 17.80 0.20 1.1 0.051 9.0 26.6 1.54 664 0.54 3.88 8.1 10.7 5.21 17.55 2.55 2060 S030912 0.18 1.0 0.057 9.5 26.5 1.96 808 0.44 3.63 8.3 9.4 4.81 17.15 0.17 1.0 0.057 2.21 10.3 24.5 2.10 836 0.37 3.70 7.6 8.8 1920 S030913 S030914 5.87 19.55 0.15 1.0 0.072 1.81 8.6 26.5 2.33 917 0.48 3.45 7.5 11.1 2070 6.20 16.45 0.16 1.0 0.051 2.76 6.9 18.6 2.05 749 0.87 3.47 76 8.9 1970 S030915 15.05 0.21 0.046 3.61 9.5 10.4 1.50 556 3.56 11.0 10.5 1970 S030916 4.69 1.4 1.33 S030917 4.01 16.00 0.21 1.3 0.050 3.25 9.9 17.1 1.55 585 0.83 3.54 11.0 9.9 1830 17.50 0.16 1.2 0.038 2.92 23.1 1.59 619 2.58 3.49 10.1 14.0 S030918 4.61 9.8 1840 16.70 1.2 3.30 27.2 12.1 1960 S030919 4.77 0.21 0.048 11.1 1.42 612 1.07 3.13 10.3 0.30 <0.2 S030920 0.13 0.15 < 0.1 < 0.005 0.02 1.2 1.3 2.16 141 0.08 0.04 0.1 70 3.72 15.85 0.15 1.2 0.041 3.35 10.5 21.0 1.61 487 1.76 2.73 9.9 16.3 1510 S030921 S030922 4.74 20.2 0.07 1.2 0.060 2.54 11.0 17.4 1.70 719 1.40 2.88 10.0 15.2 1670 4.61 17 20 0.09 1.3 0.057 3.43 11.3 13.9 1.58 834 1.32 2 90 8.7 14 5 1520 S030923 4.08 17.90 0.09 1.2 0.057 2.67 9.7 14.0 1.47 787 1.00 3.26 8.7 11.4 1560 S030924 S030925 4.75 17.85 0.09 1.1 0.068 2.39 9.4 22.4 1.72 843 1.19 3.90 9.3 12.7 1560 4.46 18.20 0.09 0.054 2.61 10.9 18.3 1.63 750 0.85 3.42 9.7 13.4 1670 S030926 1.1 S030926CD 4.50 17.40 0.11 1.2 0.052 2.62 10.4 18.1 1.61 748 0.88 3.42 9.2 13.8 1630



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20213992

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								<u> </u>		LIXIIII	CAILO	I ANA		VAZUZ	13332	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
S030889 S030890		6.0 150.5	73.5 171.0	<0.002 0.009	1.69 2.85	2.86 19.00	27.7 11.7	1 2	0.8 1.6	366 197.0	0.55 0.30	0.21 0.38	1.30 3.15	0.502 0.257	0.84 3.22	0.7 1.7
S030890 S030891		6.4	75.5	0.003	2.03	3.17	34.1	2	0.8	387	0.55	0.36	1.67	0.527	0.75	0.7
5030892		5.6	70.4	0.002	1.67	2.59	32.6	1	0.8	352	0.55	0.21	1.61	0.532	0.65	0.7
S030893		7.0	71.3	0.003	1.97	3.23	32.1	2	0.8	394	0.54	0.20	1.55	0.528	0.68	0.6
S030894		8.0	70.5	<0.002	1.91	2.99	30.8	2	0.7	388	0.55	0.30	1.43	0.520	0.75	0.6
S030895		9.7	69.1	<0.002	1.86	3.00	31.3	1	0.8	409	0.59	0.22	1.43	0.523	0.76	0.5
S030896		8.0	8.08	<0.002	1.54	2.28	31.3	1	0.7	330	0.52	0.23	1.51	0.524	0.84	0.6
S030897		7.9	64.3	<0.002	1.71	2.15	31.8	2	0.8	284	0.58	0.29	1.50	0.533	0.67	0.7
S030898		9.0	71.9	0.002	2.00	2.18	28.1	2	8.0	337	0.52	0.26	1.26	0.518	0.84	0.6
S030899		6.7	95.4	0.003	2.08	4.69	30.0	2	0.8	303	0.53	0.34	1.46	0.497	1.08	0.7
S030900		0.6	0.5	<0.002	0.01	0.11	0.4	1	<0.2	87.5	< 0.05	<0.05	0.07	0.007	<0.02	0.1
S030901		5.7	83.6	0.004	2.02	2.97	32.0	1	0.8	306	0.56	0.35	1.76	0.530	0.78	0.7
S030902 S030903		5.8 4.2	73.1 72.3	<0.002	2.09 1.64	4.29 3.58	30.9 32.1	1 1	0.7 0.8	379 338	0.52 0.55	0.35 0.35	1.66 1.75	0.526 0.509	0.78 0.74	0.7 0.7
				<0.002												
S030904		2.6	80.5	<0.002	1.21	3.02	33.9	1	0.8	292	0.53	0.20	1.76	0.532	0.75	0.7
S030905 S030906		4.6 4.7	69.9 74.9	<0.002 <0.002	1.62 0.90	2.91 2.43	29.7 17.8	1 1	0.8 0.8	309 308	0.52 0.48	0.28 0.12	1.43 1.59	0.522 0.462	0.74 0.79	0.6 0.7
S030906 S030906CD		4.7	74.9 76.4	<0.002	0.90	2.43	17.6	1	0.8	312	0.49	0.12	1.65	0.462	0.79	0.7
S030900CD		4.9	82.5	< 0.002	2.06	2.59	19.0	1	0.9	350	0.47	0.26	1.65	0.453	0.83	0.7
5030908		7.6	54.2	<0.002	5.90	6.63	14.7	4	0.7	267	0.41	0.51	1.47	0.360	0.68	0.7
S030908 S030909		6.9	77.1	0.002	1.01	2.51	22.8	1	0.9	506	0.44	0.17	1.41	0.487	0.77	0.7
S030910		8730	152.5	0.005	2.97	75.3	12.0	3	4.3	146.0	0.34	0.26	3.46	0.251	3.10	1.9
S030911		9.9	68.5	< 0.002	1.15	3.28	23.3	1	0.7	450	0.44	0.30	1.53	0.475	0.66	0.7
S030912		3.7	54.8	<0.002	1.22	2.99	27.2	1	0.7	414	0.45	0.19	1.44	0.499	0.59	0.6
S030913		6.2	52.0	<0.002	0.95	2.62	29.7	1	0.8	368	0.39	0.21	1.45	0.490	0.48	0.7
S030914		5.0	40.8	<0.002	1.12	2.80	33.1	1	0.8	298	0.39	0.13	1.39	0.528	0.44	0.7
S030915		5.1	67.6	< 0.002	1.80	2.77	32.2	1	0.9	425	0.39	0.26	1.38	0.501	0.66	0.7
S030916		4.4	91.5	0.002	1.45	2.71	21.0	2	0.8	359	0.64	0.17	1.78	0.464	0.86	0.7
S030917		3.2	79.7	0.002	0.98	2.53	19.8	1	0.7	380	0.64	0.17	1.71	0.440	0.80	0.6
S030918		3.9	66.1	0.003	1.35	3.22	17.9	1	0.8	477	0.57	0.21	1.65	0.442	0.74	0.7
S030919		4.9	90.7	0.002	1.67	3.42	20.1	2	1.3	495	0.59	0.30	1.67	0.451	0.85	0.6
S030920		2.0	0.4	<0.002	0.01	0.09	0.2	1	<0.2	83.1	< 0.05	< 0.05	0.07	0.006	<0.02	0.1
S030921 S030922		5.2 5.5	79.5 61.6	0.002 0.002	0.44 0.71	2.80 3.16	13.8 16.2	1 1	0.6 0.8	501 420	0.59 0.62	0.05 0.09	1.83 1.97	0.397 0.429	0.87 0.62	0.7 0.7
S030923		3.5	89.6	0.002	0.92	4.27	16.8	1 1	1.0	377	0.54	0.14	2.03	0.407	0.94	0.8
S030924 S030925		2.2 4.2	59.0 69.3	0.003 0.004	0.53 0.63	3.04 3.02	14.3 17.8	1	0.9 1.2	363 500	0.56 0.56	0.06 0.09	1.67 1.57	0.397 0.441	0.67 0.66	0.7 0.7
S030925 S030926		5.2	68.3	< 0.004	0.03	2.67	17.6	1	0.8	389	0.63	0.09	2.03	0.441	0.00	0.7
S030926 S030926CD		5.6	67.1	0.002	0.70	2.55	15.7	1	0.8	387	0.59	0.08	1.90	0.424	0.73	0.7
1 222222		0.0	· · · ·	0.000	0.0.			•	0.0		0.00	0.00		· · · - ·	J	٠



To: PRETIVM
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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$030889		273	0.9	16.8	38	31.9	23.1	0.6	76
\$030890		105	5.1	8.9	490	40.4	26.4	0.3	79
\$030891		313	1.1	17.8	45	28.7	21.5	0.6	74
\$030892		311	0.9	17.9	43	27.7	21.7	0.6	70
\$030893		303	0.9	18.1	44	27.5	22.1	0.5	69
\$030894		297	0.9	18.0	48	30.4	21.5	0.6	76
\$030895		296	0.9	17.5	48	30.7	22.0	0.6	74
\$030896		300	0.8	17.2	52	30.5	21.5	0.6	71
\$030897		308	1.0	17.4	55	35.5	20.7	0.5	68
\$030898		295	0.9	15.6	50	28.9	21.7	0.6	75
\$030899		285	0.9	17.2	30	33.8	19.0	0.6	72
\$030900		2	0.1	2.4	3	1.5	2.5	<0.1	<5
\$030901		311	0.9	17.6	44	31.7	21.4	0.5	74
\$030902		304	0.9	18.0	46	28.9	20.3	0.6	75
\$030903		290	0.9	19.3	39	30.5	21.6	0.5	68
S030904		304	0.9	18.8	49	35.2	21.9	0.5	71
S030905		302	0.9	16.0	43	30.2	21.4	0.5	61
S030906		233	0.9	12.0	32	35.3	23.3	0.6	73
S030906CD		234	0.9	11.8	33	34.1	23.5	0.5	82
S030907		235	0.9	12.2	27	29.2	22.2	0.5	69
\$030908		183	1.0	11.9	21	25.4	17.3	0.4	61
\$030909		276	1.1	12.8	33	31.2	21.4	0.5	71
\$030910		122	4.3	9.1	1860	43.6	22.6	0.3	72
\$030911		260	0.9	12.6	31	32.4	21.4	0.6	67
\$030912		291	0.9	14.0	34	31.0	22.3	0.5	70
\$030913		288	0.7	14.2	40	31.3	22.6	0.5	65
\$030914		339	0.8	14.9	43	28.1	21.5	0.5	57
\$030915		306	0.7	15.6	36	29.5	21.7	0.6	66
\$030916		205	0.9	18.0	24	39.9	24.0	0.5	88
\$030917		190	0.8	17.4	25	38.7	23.4	0.5	89
\$030918		190	0.8	16.1	26	38.5	23.4	0.5	102
\$030919		196	1.0	17.8	24	43.8	21.3	0.5	84
\$030920		2	0.1	2.0	4	1.7	3.5	<0.1	7
\$030921		161	0.8	15.8	31	37.1	24.5	0.5	112
\$030922		193	0.8	16.7	43	37.8	24.2	0.5	100
\$030923 \$030924 \$030925 \$030926 \$030926CD		177 166 196 186 183	0.9 0.8 0.7 0.8 0.8	17.1 15.1 16.6 17.0 16.7	45 42 50 46 45	35.9 36.0 33.2 36.1 35.0	24.8 24.5 23.8 24.1 24.3	0.5 0.4 0.5 0.5	100 98 102 102 105



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Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61							
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030927		5.96	0.005	0.06	7.94	6.0	2030	0.96	0.13	2.51	0.12	20.3	13.2	22	1.88	67.4
\$030928		5.42	0.013	0.10	7.76	5.6	1450	1.08	0.22	3.55	0.18	20.6	16.2	18	1.30	90.3
\$030929		5.62	0.005	0.05	8.10	4.2	1330	0.76	0.23	2.33	0.09	18.50	21.5	23	1.38	39.7
\$030930		0.16	1.280	26.0	5.78	357	120	1.06	0.94	0.62	1.71	28.0	12.3	20	8.20	106.0
\$030931		4.78	0.011	0.09	7.98	15.9	1470	0.97	0.36	1.85	0.09	16.15	40.1	23	3.38	25.7
\$030932		5.92	0.023	0.12	8.33	10.9	1180	1.19	0.35	2.60	0.16	28.9	23.3	8	2.68	16.8
\$030933		6.06	0.024	0.17	7.54	45.2	430	1.15	0.32	5.11	0.13	29.4	32.9	11	5.70	33.8
\$030934		5.86	0.023	0.16	7.94	8.6	1270	1.21	0.38	2.76	0.13	26.6	14.1	25	1.58	32.2
\$030935		5.66	0.009	0.11	8.01	13.5	1110	1.14	0.22	2.40	0.06	25.6	30.2	20	2.82	20.3
\$030936		4.98	0.013	0.12	8.54	1.8	2050	1.52	0.20	3.09	0.22	38.9	14.9	5	1.71	32.1
\$030937		5.04	0.022	0.17	8.44	4.9	1710	1.22	0.24	2.80	0.09	34.7	16.5	6	2.36	48.6
\$030938		6.72	0.028	0.16	7.99	5.4	1900	1.49	0.19	2.26	0.04	36.0	10.7	6	2.24	50.3
\$030939		4.90	0.027	0.19	7.21	8.9	2250	1.25	0.19	2.07	0.08	31.7	8.9	35	3.01	54.1
\$030940		0.56	<0.005	0.01	0.09	<0.2	20	<0.05	0.02	31.6	<0.02	1.00	0.9	1	0.05	2.1
\$030941		6.20	0.019	0.31	7.09	38.4	1580	1.12	0.20	5.39	0.09	26.2	11.1	27	2.44	123.5
\$030942		4.68	0.025	0.45	6.41	98.9	990	0.82	0.19	6.99	0.15	23.6	11.3	21	2.50	170.5
\$030943		5.10	0.006	0.26	7.56	18.9	1900	1.26	0.10	1.63	0.09	34.7	7.7	24	4.70	110.0
\$030944		6.94	0.008	0.27	8.15	9.6	2370	1.40	0.17	1.97	0.06	26.5	14.5	33	3.59	168.5
\$030945		5.86	0.013	0.27	8.28	9.2	2100	1.15	0.16	2.02	0.07	29.5	15.4	26	1.89	155.0
\$030946		6.12	0.013	0.36	8.03	8.5	2320	1.17	0.15	1.58	0.06	23.4	11.6	36	1.83	161.0
\$030946CD		<0.02	0.008	0.30	7.88	7.3	2260	1.17	0.15	1.64	0.06	22.1	11.6	33	1.80	159.5
\$030947		6.16	0.010	0.40	8.01	9.4	2580	1.05	0.21	1.78	0.09	22.6	15.7	29	2.13	205
\$030948		6.50	0.007	0.37	7.78	58.6	1950	0.88	0.17	4.34	0.12	23.2	15.2	21	2.23	213
\$030949		3.78	0.056	0.35	8.25	95.1	1390	0.93	0.23	4.75	0.12	15.70	17.8	12	1.83	210
\$030950		0.18	0.961	12.10	6.32	315	570	1.01	0.17	3.58	4.51	26.1	10.4	27	7.13	87.6



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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VANCOUVER BC V7X 1L4

CERTIFICATE OF ANALYSIS VA20213992

Page: 4 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 9-OCT-2020 Account: PREBOW

											<i>-</i> ,	- /	-13.3			
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$030927		4.13	16.30	0.11	1.1	0.067	3.43	9.6	19.8	1.46	732	8.95	3.00	10.4	11.3	1660
\$030928		4.31	17.60	0.11	1.1	0.060	2.98	9.9	21.7	1.23	720	1.30	2.74	10.1	12.3	1700
\$030929		4.83	15.95	0.10	0.8	0.045	2.52	9.1	25.8	1.41	785	1.09	3.42	8.7	11.4	1500
\$030930		4.37	12.55	0.10	0.9	0.039	2.71	13.2	8.4	0.35	228	4.55	0.19	5.4	13.6	1280
\$030931		6.01	17.80	0.08	0.7	0.023	3.06	8.1	31.8	1.41	739	1.45	2.27	8.3	14.4	1410
\$030932		5.25	17.85	0.10	1.7	0.036	4.34	13.7	28.9	1.26	830	1.28	2.02	8.1	6.0	1590
\$030933		5.60	18.00	0.13	1.6	0.030	3.97	15.3	31.7	1.23	794	1.52	1.02	8.2	6.9	1460
\$030934		4.89	17.60	0.12	1.1	0.054	3.42	13.6	32.4	1.34	870	2.94	2.09	9.5	13.9	1580
\$030935		6.34	17.50	0.09	1.2	0.035	3.95	13.2	32.5	1.32	810	2.94	1.61	8.3	12.3	1520
\$030936		5.09	20.0	0.14	1.7	0.070	3.71	19.1	27.3	1.04	882	1.51	2.82	7.9	3.8	1490
\$030937		5.46	19.30	0.13	1.6	0.067	4.75	16.5	32.2	1.26	850	1.60	2.13	7.8	3.9	1520
\$030938		4.51	18.55	0.13	1.8	0.050	3.95	17.7	44.6	2.10	882	1.91	2.30	8.2	4.3	1370
\$030939		3.96	15.80	0.12	1.8	0.040	4.37	15.9	36.4	1.40	751	3.03	1.76	9.2	16.8	1180
\$030940		0.13	0.31	0.07	<0.1	<0.005	0.03	1.1	1.0	3.18	144	0.08	0.04	0.1	0.7	60
\$030941		4.00	14.85	0.10	1.1	0.034	4.00	14.6	30.3	1.37	1400	1.86	1.88	9.2	16.3	1590
\$030942 \$030943 \$030944 \$030945 \$030946		3.45 2.91 4.45 4.48 3.94	12.60 16.30 18.00 17.60 16.40	0.09 0.11 0.13 0.11 0.09	1.5 2.1 1.3 1.3	0.026 0.015 0.028 0.027 0.023	3.10 4.37 4.35 3.44 3.88	13.0 17.5 14.4 15.6 12.7	20.0 26.4 35.7 25.5 27.5	0.92 1.25 1.70 1.40 1.30	1620 605 723 839 780	3.02 1.40 1.61 2.15 10.35	2.13 1.59 1.62 3.03 2.68	9.3 10.5 11.7 9.3 11.6	15.2 14.0 20.5 15.2 18.9	1140 980 1660 1530 1440
\$030946CD		3.85	16.55	0.10	1.2	0.016	3.77	12.0	28.4	1.29	776	9.05	2.63	11.3	18.3	1380
\$030947		4.43	16.60	0.12	0.9	0.027	4.46	12.0	28.6	1.31	801	3.69	2.42	11.5	16.3	1900
\$030948		4.16	15.85	0.14	0.9	0.026	3.94	12.0	27.9	1.20	1160	1.71	2.52	11.1	10.5	2050
\$030949		4.48	16.90	0.12	0.6	0.041	3.04	7.5	35.5	1.42	1200	1.17	3.64	10.2	8.7	2150
\$030950		3.95	13.70	0.10	1.3	0.056	3.90	13.2	12.3	0.56	1420	9.58	0.21	5.0	20.6	920



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ACS)						CERTIFICATE OF ANALYSIS VA20213			13992	992						
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030927		4.7	92.9	0.003	0.74	2.60	16.0	1	0.9	454	0.60	0.11	1.64	0.401	0.91	0.7
\$030928		6.7	76.4	0.004	1.45	4.79	15.4	3	1.3	399	0.60	0.14	1.61	0.384	0.82	0.6
\$030929		3.3	71.7	0.002	1.48	2.95	17.0	3	1.5	409	0.52	0.11	1.49	0.402	0.70	0.6
\$030930		51.9	124.0	<0.002	4.08	33.9	13.3	5	1.8	134.5	0.31	0.30	2.54	0.305	2.33	0.9
\$030931		6.6	105.5	0.005	2.22	5.04	15.9	4	0.9	355	0.50	0.09	1.59	0.402	0.99	0.6
\$030932		10.4	119.0	0.003	2.01	4.36	12.8	4	1.6	481	0.49	0.08	2.81	0.460	1.24	1.5
\$030933		9.1	175.0	<0.002	2.64	7.55	13.1	5	1.2	407	0.50	0.13	2.94	0.412	1.34	1.3
\$030934		8.2	97.4	0.007	1.90	6.24	15.0	5	1.6	507	0.61	0.24	2.59	0.380	1.05	1.2
\$030935		5.9	120.5	0.007	2.08	3.56	15.7	4	2.5	406	0.50	0.13	2.61	0.393	1.20	1.3
\$030936		5.5	112.0	<0.002	1.76	2.53	12.4	4	2.4	490	0.46	0.12	3.57	0.452	1.18	1.7
\$030937		5.1	131.5	<0.002	2.00	4.53	12.1	4	2.1	504	0.45	0.19	3.24	0.461	1.47	1.7
\$030938		5.7	111.0	<0.002	1.86	5.47	11.0	4	1.5	497	0.49	0.21	3.49	0.411	1.44	1.9
\$030939		4.5	123.0	0.012	1.31	5.95	11.7	3	0.9	487	0.60	0.18	3.99	0.299	1.69	1.8
\$030940		0.5	1.0	<0.002	0.01	0.10	0.2	1	<0.2	73.3	<0.05	<0.05	0.07	0.006	<0.02	0.2
\$030941		3.5	124.0	0.010	1.55	10.20	15.5	3	0.8	516	0.56	0.19	2.97	0.314	2.28	1.3
\$030942		3.8	106.0	0.009	2.07	12.60	10.6	3	0.5	417	0.60	0.20	2.96	0.252	2.35	1.5
\$030943		7.2	155.5	0.005	0.48	7.44	10.9	1	0.5	398	0.67	0.07	5.06	0.278	1.94	2.3
\$030944		7.8	130.5	0.007	1.01	6.07	18.9	2	0.6	543	0.67	0.15	3.23	0.361	1.87	1.4
\$030945		6.1	94.5	0.007	1.52	5.88	16.0	3	0.8	544	0.56	0.19	3.13	0.385	1.28	1.6
\$030946		6.2	96.9	0.012	1.01	5.62	13.1	3	0.5	427	0.76	0.17	3.29	0.316	1.38	1.7
S030946CD		6.2	88.4	0.017	0.99	5.62	13.4	3	0.5	423	0.74	0.17	3.23	0.315	1.35	1.7
S030947		7.1	110.5	0.012	1.43	6.11	15.5	4	0.7	454	0.68	0.18	2.36	0.390	1.80	1.0
S030948		5.3	105.5	0.007	1.77	9.30	18.3	3	0.8	447	0.61	0.23	2.27	0.402	2.44	0.9
S030949		5.6	73.0	0.007	2.17	12.15	21.1	3	1.0	554	0.53	0.36	1.34	0.458	2.71	0.5
S030950		152.0	176.5	0.010	2.85	19.30	11.2	2	1.4	197.0	0.31	0.37	3.37	0.258	3.39	1.8



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To: PRETIVM **SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET VANCOUVER BC V7X 1L4** 

Page: 4 - D Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 9-OCT-2020 **Account: PREBOW** 

	,										
(ALS)									CI	ERTIFICATE OF ANALYSIS	VA20213992
	Method	ME-MS61 V	ME-MS61 W	ME-MS61 Y	ME-MS61 Zn	ME-MS61 Zr	pXRF-34 Si	pXRF-34 Ti	pXRF-34 Zr		
Sample Description	Analyte Units LOD	ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	% 0.5	% 0.1	ppm 5		
S030927		174	0.8	16.9	41	35.3	25.7	0.4	102		
S030928		160	1.3	16.7	41	32.4	23.9	0.4	92		
S030929		171	1.6	14.7	32	24.3	24.6	0.4	87		
S030930		141	2.3	7.9	205	31.2	32.2	0.4	76		
S030931		185	1.9	11.6	32	23.2	23.3	0.4	85		
S030932		158	1.9	20.7	40	61.6	23.5	0.5	152		
S030933		140	2.3	21.2	32	55.5	21.8	0.5	143		
S030934		156	2.0	18.5	38	37.5	25.3	0.5	115		
S030935		164	3.0	18.2	36	46.7	23.3	0.5	118		
S030936		147	1.6	27.4	47	67.3	23.1	0.5	161		
S030937		152	1.8	25.5	33	59.7	23.3	0.5	154		
S030938		134	1.4	24.0	31	68.5	22.7	0.4	160		
S030939		110	1.2	18.3	31	60.5	25.2	0.4	141		
S030940		2	<0.1	1.9	3	1.7	2.8	<0.1	<5		
S030941		148	2.2	17.0	36	38.7	20.8	0.3	89		
S030942		118	1.9	13.7	38	48.2	20.9	0.3	85		
S030943		98	1.8	17.5	33	75.5	28.1	0.4	161		
S030944		173	1.4	16.7	39	42.8	24.8	0.4	101		
S030945		164	1.0	19.8	41	40.1	24.3	0.4	111		
S030946		168	1.0	15.0	36	38.4	25.7	0.4	94		
S030946CD		168	1.0	14.5	35	37.8	25.9	0.4	100		
S030947		208	1.1	16.5	43	30.3	25.7	0.4	88		
S030948		200	1.3	17.1	41	32.3	22.5	0.5	80		
S030949		265	1.7	12.0	40	17.4	20.3	0.5	56		
S030950		106	6.3	9.3	495	40.1	26.2	0.4	84		



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CERTIFICATE	OE		VA202	13002
CENTIFICATE	UE	ANALISIS	VAZUZ	13332

			CERTIFICATE OF ANA	E1313 VA20213332
		CERTIFICATE COM	IMENTS	
		ANALY	TICAL COMMENTS	
Applies to Method:	REEs may not be totally solub ME-MS61			
		LABOR	ATORY ADDRESSES	
		ocated at 2103 Dollarton Hwy, No		
Applies to Method:	Au-AA23	BAG-01	CRU-31	CRU-QC
	LOG-21 PUL-32m	LOG-21d PUL-32md	LOG-23 PUL-QC	ME-MS61 pXRF-34
	SPL-21	SPL-21d	WEI-21	μλκτ-34



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To: **PRETIVM** 

Page: 1 Total # Pages: 4 (A - D) **Plus Appendix Pages** Finalized Date: 9-OCT-2020 This copy reported on

27-JAN-2021 **Account: PREBOW** 

## VA20213996

Project: Bowser Regional Project

P.O. No.: BOW-1137

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 24-SEP-2020.

The following have access to data associated with this certificate:

JEFF AUSTON	SUSAN FLASHA
COREY JAMES	JULIANNE MADSEN
	•

SAMPLE PREPARATION					
ALS CODE	DESCRIPTION				
WEI-21	Received Sample Weight				
PUL-32md	Pulverize 500g-DUP -85%<75um				
LOG-21	Sample logging - ClientBarCode				
CRU-31	Fine crushing - 70% <2mm				
PUL-QC	Pulverizing QC Test				
SPL-21	Split sample - riffle splitter				
PUL-32m	Pulverize 500g - 85%<75um				
BAG-01	Bulk Master for Storage				
LOG-23	Pulp Login - Rcvd with Barcode				
LOG-21d	Sample logging - ClientBarCode Dup				
SPL-21d	Split sample - duplicate				

	ANALYTICAL PROCEDURE	:S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

Page: 2 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 9-OCT-2020 Account: PREBOW

(ALS)	,								С	ERTIFIC	CATE O	F ANAI	YSIS	VA202	13996	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031001 \$031002 \$031003 \$031004 \$031005 \$031006		4.24 4.98 5.76 5.92 6.18	<0.005 <0.005 0.006 0.010 <0.005	0.04 0.06 0.17 0.94 0.27	7.82 7.75 8.36 7.93 7.57	7.2 14.7 20.2 42.3 17.2	2250 2190 2860 1910 1910	0.82 0.89 1.57 0.99 0.84	0.20 3.38 0.31 0.40 0.57	4.33 5.51 8.15 5.69 3.17	0.03 0.08 0.03 0.29 0.05	9.40 14.05 18.55 15.80 15.00	6.1 9.3 14.5 25.0 29.2	76 67 53 59 56	1.57 1.54 3.67 2.78 1.95	13.7 25.9 50.3 93.6 128.5
S031006CD S031007 S031008 S031009		<0.02 5.96 5.98 5.26	<0.005 0.005 <0.005 <0.005 0.913	0.17 0.12 0.13 0.13	7.93 8.05 7.23 7.55	7.4 6.6 7.3 12.0	1840 2170 2840 2130	0.81 0.81 0.74 0.71	0.51 0.60 0.37 0.34	3.60 4.17 3.74 5.40	0.02 0.03 <0.02 0.02 0.02	16.45 17.20 9.75 9.53	24.0 22.8 28.0 28.6	59 73 45 37	1.19 1.27 1.69 1.41	116.5 97.6 98.7 80.5
\$031010 \$031011 \$031012 \$031013 \$031014		6.12 5.86 4.94 5.70	<0.005 <0.005 <0.005 <0.005	0.01 0.10 0.12 0.16	6.28 7.83 7.98 8.20 8.19	324 1.5 4.9 3.1 3.9	1440 2090 2310 2400	1.11 0.74 0.91 0.85 0.84	0.09 0.23 0.26 0.32	4.71 4.41 3.62 2.91	0.02 <0.02 0.02 0.03	9.21 14.50 16.15 17.25	14.3 20.5 18.6 18.7	29 31 26 16 18	1.47 1.04 0.97 0.98	89.5 6.1 49.5 47.8 69.9
\$031015		6.28	<0.005	0.17	8.00	3.8	2450	1.01	0.33	3.25	0.03	15.95	17.6	24	1.19	67.1
\$031016		6.04	<0.005	0.21	7.72	5.3	1550	1.12	0.29	3.60	0.02	15.20	17.2	35	0.71	75.1
\$031017		5.90	<0.005	0.43	6.83	4.0	1870	0.97	0.69	5.61	0.06	22.3	39.9	21	1.28	199.0
\$031018		6.58	<0.005	0.25	6.51	2.6	1790	0.81	0.42	6.12	0.06	20.0	29.5	21	1.15	115.5
\$031019		6.66	<0.005	0.21	6.95	4.1	1640	0.86	0.50	6.46	0.04	16.85	30.2	19	0.91	85.1
\$031020		0.92	<0.005	0.01	0.11	0.3	30	0.05	0.01	32.5	<0.02	1.00	1.2	2	0.08	2.7
\$031021		6.40	<0.005	0.24	7.30	4.7	1750	0.80	0.50	6.71	0.05	19.85	30.0	40	1.05	97.4
\$031022		6.64	<0.005	0.37	7.38	5.9	2270	0.78	0.58	5.86	0.07	22.2	34.2	35	1.47	148.0
\$031023		6.80	<0.005	0.37	7.27	9.4	2340	0.64	0.52	5.78	0.03	14.90	34.3	103	1.39	114.5
\$031024		6.04	<0.005	0.21	7.95	7.5	1650	0.98	0.58	6.55	0.03	17.15	22.7	66	0.97	85.3
S031025		6.50	<0.005	0.31	8.28	3.9	2110	0.77	0.55	4.45	0.05	13.35	28.2	41	1.13	141.5
S031026		5.76	0.006	0.26	7.87	7.8	2130	0.66	0.35	4.41	0.04	14.85	23.1	77	0.98	89.3
S031026CD		<0.02	<0.005	0.27	7.80	7.4	2130	0.69	0.33	4.44	0.05	13.90	22.3	77	0.92	90.1
S031027		6.60	<0.005	0.23	7.61	10.9	2000	0.78	0.38	5.39	0.03	10.65	23.4	67	0.95	96.0
S031028		5.06	<0.005	0.18	7.93	12.4	1560	0.61	0.27	4.77	0.03	10.75	23.6	75	0.75	81.1
\$031029		5.74	<0.005	0.13	8.11	8.7	420	0.65	0.21	7.05	0.03	10.95	27.4	75	0.62	74.5
\$031030		0.18	5.75	82.4	6.17	297	330	1.03	1.20	1.97	24.0	24.1	11.0	24	7.57	120.0
\$031031		6.12	<0.005	0.33	8.42	9.6	280	0.71	0.26	8.72	0.10	11.60	33.4	74	0.38	162.5
\$031032		6.16	<0.005	0.19	7.96	19.7	1950	0.72	0.37	5.16	0.06	12.75	25.7	62	0.94	96.4
\$031033		5.78	<0.005	0.22	7.64	17.6	2740	0.45	0.32	3.39	0.07	14.35	24.4	50	1.13	118.5
\$031034		6.36	<0.005	0.19	7.97	24.3	1810	0.82	0.51	5.86	0.09	11.35	28.3	69	0.99	65.7
\$031035		5.60	<0.005	0.19	7.83	14.6	2130	0.74	0.93	5.01	0.05	13.35	25.7	59	0.97	81.6
\$031036		6.36	<0.005	0.19	7.62	17.7	2490	0.89	0.92	5.66	0.03	17.95	25.2	36	1.04	111.0
\$031037		5.44	<0.005	0.13	7.84	25.1	2100	0.73	1.06	5.52	0.07	12.70	25.4	60	1.54	63.6
\$031038		5.84	<0.005	0.10	7.36	37.3	1960	0.65	0.52	4.90	0.05	11.70	36.3	162	1.44	59.8



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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**CERTIFICATE OF ANALYSIS VA20213996** 

Page: 2 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 9-OCT-2020 Account: PREBOW

											CAILO	I ANA	_ 1	V/\ZOZ	13330	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031001 \$031002 \$031003 \$031004 \$031005		3.64 3.16 4.47 5.49 6.08	14.70 16.45 21.6 20.0 14.75	0.19 0.22 0.17 0.18 0.15	1.0 1.0 1.0 0.8 1.0	0.048 0.055 0.051 0.051 0.076	3.96 4.28 3.91 3.31 2.96	3.7 6.2 9.8 7.2 7.5	38.0 28.9 38.0 34.3 36.4	2.46 1.68 2.35 2.39 2.57	939 746 1040 960 849	0.61 0.33 1.39 0.66 0.35	2.86 2.47 1.50 2.58 2.90	5.8 6.2 5.7 5.7	16.3 25.8 17.8 20.4 18.8	1880 2010 1880 1760 1810
\$031006		6.54	16.20	0.16	1.1	0.068	2.74	8.7	38.9	2.71	1200	0.63	3.25	5.9	21.9	1870
\$031006CD		6.37	16.05	0.16	1.1	0.070	2.69	8.5	37.9	2.63	1170	0.59	3.15	5.8	21.2	1800
\$031007		6.29	20.2	0.18	1.1	0.082	2.84	9.2	42.1	2.91	1500	1.07	2.65	5.8	24.4	1850
\$031008		6.91	15.15	0.17	0.8	0.062	4.87	4.5	43.7	3.09	1600	0.72	1.35	3.7	22.5	1640
\$031009		7.44	15.50	0.17	0.8	0.057	3.04	4.6	54.0	3.57	1700	1.01	1.96	3.3	23.4	1550
\$031010		4.04	14.50	0.19	1.4	0.046	4.00	12.3	15.3	0.56	1440	11.15	0.22	5.6	22.2	960
\$031011		7.03	16.00	0.14	0.6	0.058	2.10	4.5	52.8	4.16	1900	0.12	2.21	3.3	18.4	1640
\$031012		6.50	16.90	0.15	1.0	0.096	3.25	6.9	30.4	2.59	1660	0.46	2.50	6.3	11.7	1920
\$031013		6.17	17.65	0.16	1.2	0.076	3.57	7.5	28.0	2.20	1580	0.43	2.99	7.9	8.0	2050
\$031014		5.71	16.55	0.18	1.1	0.062	3.66	8.1	21.8	1.98	1330	0.50	3.40	7.9	8.2	2000
\$031015		6.01	17.55	0.18	1.1	0.082	3.43	7.3	23.8	2.15	1420	0.29	3.17	7.4	11.2	1940
\$031016		4.57	19.40	0.20	1.0	0.054	3.35	7.2	12.7	1.49	1070	0.60	3.45	6.0	13.1	1200
\$031017		8.93	17.80	0.16	1.2	0.106	3.09	11.0	23.7	3.30	1860	0.66	1.69	7.0	11.0	2590
\$031018		8.75	15.95	0.16	1.5	0.114	2.75	9.9	27.7	3.73	2040	0.45	1.37	6.9	10.3	2770
\$031019		8.33	16.60	0.15	1.1	0.104	2.89	8.0	26.8	3.34	1900	0.45	1.24	6.8	8.9	2740
\$031020		0.19	0.41	0.16	0.1	<0.005	0.04	1.2	2.2	3.27	158	0.09	0.04	0.2	<0.2	70
\$031021		8.10	16.60	0.12	1.1	0.105	2.89	9.6	28.8	3.59	2050	0.50	1.50	6.5	15.9	2600
\$031022		8.21	17.20	0.13	1.4	0.111	3.12	11.0	30.0	3.75	2030	0.55	1.82	7.0	15.0	2660
\$031023		7.19	13.65	0.14	0.8	0.070	2.97	7.8	32.8	3.76	1730	0.62	2.17	5.0	31.0	1730
\$031024		7.13	18.75	0.14	1.1	0.074	2.80	8.4	31.0	3.33	1960	2.01	1.95	6.0	25.5	2060
S031025		7.46	16.40	0.13	0.9	0.060	2.98	6.3	37.7	3.11	1880	0.46	2.35	4.7	22.6	2150
S031026		6.20	13.65	0.13	0.8	0.066	3.02	7.4	24.7	2.76	1600	0.66	3.04	5.0	25.0	1700
S031026CD		6.25	13.35	0.16	0.9	0.064	3.00	6.8	24.2	2.75	1600	0.70	3.03	5.0	24.9	1720
S031027		6.38	14.10	0.14	0.9	0.062	2.30	5.1	33.3	3.12	1680	0.39	2.35	3.8	25.8	1650
S031028		6.30	13.45	0.15	0.8	0.068	1.60	5.1	39.1	3.28	1710	0.52	3.20	3.9	28.5	1570
\$031029 \$031030 \$031031 \$031032 \$031033		6.45 4.76 6.95 6.32 6.20	14.30 13.70 17.20 15.05 14.65	0.15 0.16 0.13 0.16 0.15	1.0 1.3 1.0 1.0	0.069 1.435 0.073 0.069 0.060	0.86 3.76 0.56 2.26 3.71	5.1 11.2 5.6 6.2 6.9	40.1 14.6 40.1 33.7 32.7	3.37 0.46 3.48 3.02 2.79	1680 1220 1800 1620 1500	0.48 10.55 0.44 0.70 0.99	2.66 0.23 2.15 2.47 2.61	3.8 6.0 4.0 4.6 7.3	28.4 17.3 30.2 24.7 20.2	1620 980 1660 1600 1950
\$031034		7.05	17.20	0.15	1.0	0.075	2.49	5.8	36.4	3.15	1760	0.34	2.28	4.4	27.7	1660
\$031035		6.27	15.45	0.14	0.9	0.055	2.53	6.2	31.0	2.87	1480	0.52	2.48	4.7	22.1	1670
\$031036		5.44	16.00	0.14	1.0	0.068	3.80	8.7	20.9	2.33	1340	0.92	1.89	6.8	13.8	2100
\$031037		6.02	16.80	0.13	0.9	0.055	2.29	6.3	34.7	3.16	1420	0.37	2.39	4.6	25.6	1680
\$031038		6.22	14.75	0.12	0.8	0.051	2.28	5.7	38.3	3.95	1480	0.32	2.20	3.7	53.3	1570



To: PRETIVM
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(ALS	,								С	ERTIFIC	CATE O	F ANAI	_YSIS	VA202	13996	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$031001 \$031002 \$031003 \$031004 \$031005		0.9 0.8 1.9 15.3 2.7	73.4 91.2 112.0 94.9 52.9	0.003 0.002 0.006 0.002 <0.002	0.16 0.37 0.75 1.92 1.86	7.23 6.10 8.92 15.05 9.08	29.4 34.8 33.7 35.5 30.2	<1 1 1 1	0.7 1.4 0.7 0.8 0.8	318 283 421 740 528	0.34 0.34 0.31 0.31 0.29	0.07 2.09 0.06 0.12 0.15	0.95 1.01 1.22 1.21 0.93	0.424 0.463 0.438 0.406 0.424	1.68 1.85 2.01 1.97 1.27	0.5 0.5 0.6 0.5 0.5
S031006 S031006CD S031007 S031008 S031009		2.5 2.6 1.6 2.1 1.8	59.1 57.9 57.4 78.1 65.4	0.002 <0.002 0.002 <0.002 <0.002	2.22 2.17 1.38 1.73 1.27	7.20 7.02 12.80 7.50 5.71	35.0 34.1 35.8 34.1 41.5	2 1 1 1 1	0.7 0.8 0.7 0.7 0.5	442 429 456 472 326	0.32 0.30 0.32 0.18 0.17	0.16 0.20 0.07 0.09 0.09	1.16 1.16 1.01 0.44 0.54	0.436 0.422 0.429 0.437 0.421	1.22 1.16 1.21 2.30 1.37	0.6 0.6 0.6 0.5 0.4
\$031010 \$031011 \$031012 \$031013 \$031014		158.0 0.5 1.5 1.7 2.0	165.5 27.1 55.9 59.3 65.1	0.011 <0.002 <0.002 <0.002 <0.002	2.92 0.03 0.66 0.78 1.20	20.3 2.48 5.92 5.83 6.15	11.6 32.2 32.4 29.4 27.5	3 1 1 1	1.7 0.4 0.9 0.8 0.8	201 334 362 385 382	0.31 0.18 0.32 0.41 0.42	0.37 <0.05 0.07 0.07 0.10	3.09 0.36 0.75 0.99 1.02	0.263 0.458 0.524 0.539 0.523	3.36 0.79 1.26 1.42 1.40	1.7 0.3 0.5 0.5
\$031015 \$031016 \$031017 \$031018 \$031019		2.4 2.7 2.4 1.7 2.0	56.5 55.5 61.4 61.8 45.8	<0.002 0.002 <0.002 <0.002 <0.002	1.12 1.13 2.23 1.44 1.57	5.63 5.53 10.65 8.89 8.99	28.3 17.6 54.3 59.8 48.0	1 1 1 1	0.8 0.8 0.9 0.9	415 222 323 349 254	0.41 0.32 0.36 0.34 0.34	0.09 0.06 0.18 0.09 0.16	1.02 1.25 1.16 1.23 1.01	0.517 0.383 0.558 0.579 0.558	1.38 1.32 1.23 1.06 1.13	0.5 0.7 0.6 0.6 0.5
\$031020 \$031021 \$031022 \$031023 \$031024		<0.5 1.9 2.5 2.0 1.5	1.1 51.8 70.6 65.1 45.4	<0.002 <0.002 <0.002 0.002 0.005	0.01 1.31 1.32 1.34 0.85	0.18 9.60 10.95 8.40 6.57	0.6 50.3 55.4 40.0 34.2	1 1 1 1	<0.2 0.8 0.9 0.6 0.8	78.1 289 416 383 240	<0.05 0.34 0.38 0.26 0.33	<0.05 0.09 0.14 0.12 0.10	0.07 1.16 1.56 1.25 1.08	0.009 0.528 0.546 0.368 0.443	0.03 1.09 1.21 1.29 1.05	0.1 0.6 0.7 0.6 0.7
\$031025 \$031026 \$031026CD \$031027 \$031028		1.6 2.1 2.1 1.7 0.9	50.3 61.1 55.3 41.2 27.6	<0.002 0.004 0.003 0.002 <0.002	1.17 1.13 1.16 0.69 0.40	9.61 7.95 7.81 7.20 6.15	32.7 33.9 32.7 34.1 38.3	1 1 1 1	0.6 0.7 0.7 0.6 0.7	404 417 416 370 425	0.26 0.28 0.27 0.21 0.21	0.11 0.06 0.05 0.06 0.05	0.76 1.12 0.99 0.66 0.67	0.439 0.396 0.394 0.380 0.388	1.08 1.22 1.22 0.91 0.70	0.5 0.5 0.5 0.4 0.4
\$031029 \$031030 \$031031 \$031032 \$031033		1.0 8940 5.0 2.1 1.6	14.0 141.0 6.4 47.0 58.5	<0.002 0.008 <0.002 <0.002 <0.002	0.44 3.07 0.56 0.50 0.40	3.42 79.3 3.88 6.49 3.69	38.9 12.3 40.0 37.2 26.4	1 3 <1 1	0.7 4.5 0.6 0.6 0.7	136.5 147.0 130.5 390 331	0.20 0.36 0.22 0.26 0.40	0.07 0.33 0.06 0.06 0.06	0.74 3.28 0.78 0.99 1.13	0.403 0.259 0.419 0.388 0.449	0.36 3.21 0.25 1.00 1.45	0.4 1.9 0.4 0.5 0.7
\$031034 \$031035 \$031036 \$031037 \$031038		1.7 2.1 1.7 1.7	40.4 50.3 80.0 49.7 56.4	<0.002 <0.002 <0.002 <0.002 <0.002	0.22 0.18 0.27 0.18 0.11	6.47 4.63 5.13 7.03 6.91	35.9 33.4 28.6 31.4 40.2	1 <1 1 1 <1	0.7 0.6 0.7 0.5 0.5	394 432 434 468 450	0.22 0.26 0.38 0.25 0.19	0.08 0.07 0.08 0.11 <0.05	0.72 0.93 1.34 0.90 0.75	0.408 0.408 0.428 0.390 0.372	1.06 1.00 1.42 0.97 1.02	0.4 0.5 0.7 0.4 0.4



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(ALS	,								CERTIFICATE OF ANALYSIS VA20213996
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$031001 \$031002 \$031003 \$031004 \$031005		269 285 269 270 257	0.9 1.2 1.6 4.3 1.0	12.5 16.3 15.6 14.3 13.2	24 30 26 50 26	25.4 25.8 26.0 22.8 24.9	21.9 21.3 17.9 19.1 20.8	0.5 0.6 0.5 0.5	65 72 66 62 66
\$031006 \$031006CD \$031007 \$031008 \$031009		269 262 276 312 302	0.7 0.8 0.7 0.7	15.9 15.4 15.9 12.1 13.5	32 31 29 36 49	29.9 29.3 25.9 18.1 18.8	20.7 20.5 20.4 20.1 18.5	0.5 0.5 0.5 0.5 0.5	69 66 65 52 46
S031010 S031011 S031012 S031013 S031014		110 329 290 274 253	5.8 1.0 0.7 0.8 0.7	8.7 9.6 15.8 17.4 16.8	515 58 46 51 43	42.1 17.4 26.2 29.8 27.6	25.3 18.6 20.5 22.5 22.4	0.4 0.4 0.5 0.5	78 49 61 71 76
\$031015 \$031016 \$031017 \$031018 \$031019		266 181 424 454 419	0.7 0.8 0.8 0.7 0.8	16.3 10.8 20.1 21.2 17.7	43 32 52 62 58	28.4 27.8 31.5 39.1 27.5	22.0 23.1 19.4 19.3 19.8	0.5 0.4 0.5 0.6 0.5	76 86 57 55 49
\$031020 \$031021 \$031022 \$031023 \$031024		5 401 423 272 296	0.1 0.8 0.8 0.6 0.9	2.1 18.5 20.6 13.6 14.9	4 64 66 53 59	1.7 28.2 45.4 25.0 33.9	4.6 19.7 20.3 19.9 20.1	<0.1 0.5 0.5 0.4 0.4	6 50 58 43 55
\$031025 \$031026 \$031026CD \$031027 \$031028		301 254 254 260 272	0.9 0.7 0.7 0.8 0.8	13.4 15.3 14.6 12.8 13.3	66 50 51 57 64	25.3 23.3 22.3 24.0 24.2	20.5 21.5 22.0 20.6 21.6	0.4 0.4 0.4 0.4 0.4	59 60 55 44 49
\$031029 \$031030 \$031031 \$031032 \$031033		276 125 284 255 266	0.8 4.2 0.9 0.7	13.6 8.6 15.0 14.5 13.4	65 1940 77 67 67	26.0 43.8 28.6 25.7 29.9	20.1 27.6 20.3 21.3 22.4	0.4 0.3 0.4 0.4 0.5	48 78 48 54 76
\$031034 \$031035 \$031036 \$031037 \$031038		280 255 249 250 245	0.8 0.5 0.8 0.6 0.6	12.8 15.0 16.2 13.7 14.2	70 63 46 54 53	24.4 28.6 35.4 27.2 27.2	20.1 21.4 21.3 20.0 20.7	0.4 0.4 0.5 0.4	55 56 64 53 59



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20213996** 

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											CAILO	ו אוא	-13.3	V/\ZOZ	13330	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031039		5.98	<0.005	0.09	7.47	22.2	1610	0.67	0.32	5.18	0.04	11.35	27.9	161	2.43	58.9
\$031040		1.12	<0.005	<0.01	0.12	<0.2	20	0.08	0.01	30.4	<0.02	1.07	1.0	2	<0.05	2.1
\$031041		5.54	<0.005	0.08	7.22	21.3	1960	0.56	0.44	4.76	0.04	13.55	29.5	166	1.70	70.0
\$031042		5.76	<0.005	0.10	7.34	23.7	2000	0.50	1.15	4.90	0.09	13.65	32.0	151	0.92	75.0
\$031043		6.26	<0.005	0.07	7.08	31.2	2050	0.58	0.46	6.71	0.05	10.50	34.2	157	1.13	62.6
S031044		7.12	<0.005	0.18	7.33	25.6	1640	0.57	0.56	7.11	0.07	12.15	32.0	160	1.01	202
S031045		6.36	<0.005	0.45	7.48	41.9	1560	0.83	0.43	7.23	0.66	12.05	30.2	163	2.05	152.0
S031046		6.58	<0.005	0.03	7.36	18.9	810	0.54	0.18	5.67	0.03	11.85	28.8	174	0.71	30.6
S031046CD		<0.02	<0.005	0.02	7.48	19.9	820	0.55	0.19	5.76	<0.02	12.30	30.0	172	0.73	31.2
S031047		6.76	<0.005	0.15	7.93	18.6	1140	0.70	1.09	7.33	0.07	15.85	37.2	124	0.81	154.5
\$031048		6.34	<0.005	0.15	7.97	8.7	1970	0.56	1.13	5.57	0.08	15.75	36.5	45	0.86	158.5
\$031049		6.74	<0.005	0.18	8.16	11.9	2670	0.61	0.81	5.22	0.07	14.45	38.1	39	1.19	165.5
\$031050		0.16	1.115	26.1	5.71	373	150	1.10	1.00	0.65	1.74	28.6	14.2	19	8.27	106.0
\$031051		5.88	<0.005	0.20	7.63	18.0	1830	0.60	0.83	5.37	0.13	14.85	30.3	32	0.92	192.0
\$031052		6.44	<0.005	0.24	7.85	22.4	1290	0.57	0.80	5.77	0.44	13.80	35.2	35	0.68	186.5
\$031053		6.14	<0.005	0.14	7.81	23.0	1410	0.57	0.69	6.06	0.15	15.10	32.4	42	0.65	138.0
\$031054		6.90	<0.005	0.13	7.71	14.6	1060	0.63	0.37	6.54	0.13	16.85	29.1	56	0.67	146.5
\$031055		6.40	<0.005	0.16	7.80	22.1	1240	0.72	0.53	6.70	0.16	15.15	33.9	65	0.72	201
\$031056		6.38	<0.005	0.13	7.85	18.9	2170	0.60	0.44	5.68	0.16	13.70	34.9	112	1.30	103.5
\$031057		6.58	<0.005	0.12	7.64	19.7	2120	0.58	0.32	5.47	0.25	13.50	32.3	130	1.37	116.5
\$031058		6.24	<0.005	0.13	8.04	17.0	2530	0.64	0.63	6.11	0.12	15.75	34.2	63	1.66	193.0
\$031059		6.92	<0.005	0.11	7.78	8.6	3100	0.67	0.63	6.36	0.14	16.35	38.9	33	2.13	158.0
\$031060		1.14	<0.005	0.01	0.11	<0.2	20	<0.05	0.01	30.8	0.02	1.02	0.9	2	<0.05	2.0
\$031061		6.62	<0.005	0.07	7.49	19.2	2990	0.54	0.41	5.19	0.07	12.60	32.5	97	1.60	103.0
\$031062		6.70	<0.005	0.11	7.56	20.3	2080	0.58	0.33	4.91	0.08	12.90	32.4	88	1.19	161.0
\$031063		5.90	<0.005	0.05	7.38	26.0	880	0.63	0.48	7.41	0.05	13.65	31.0	84	0.81	79.5
\$031064		6.46	<0.005	0.11	7.25	29.4	2980	0.55	1.39	5.12	0.07	12.90	31.5	34	1.26	118.0
\$031065		6.82	<0.005	0.11	7.40	30.9	1800	0.89	1.93	7.36	0.05	14.05	30.9	40	1.04	84.0
\$031066		7.00	<0.005	0.17	7.65	30.6	2060	0.49	0.59	4.48	0.07	12.75	32.3	30	1.30	175.5
\$031066CD		<0.02	<0.005	0.18	7.61	29.5	2030	0.56	0.58	4.42	0.06	12.35	32.0	29	1.27	178.0
\$031067		3.52	<0.005	0.38	7.91	42.3	2440	0.84	0.44	4.86	0.32	14.35	34.9	32	2.10	186.5
\$031068		3.06	0.007	15.20	6.20	47.1	1070	0.90	0.99	7.90	16.90	14.00	22.3	60	2.10	113.5
\$031069		2.86	<0.005	5.61	7.25	52.8	1430	0.96	0.15	4.95	1.68	13.70	27.2	36	2.48	180.5
\$031070		0.18	0.918	12.25	6.43	326	620	1.08	0.17	3.78	4.89	26.6	11.4	25	7.47	88.4
\$031071		6.64	<0.005	0.34	7.72	56.4	1840	0.83	0.27	5.42	0.07	14.60	36.0	97	1.47	151.5
\$031072		5.44	<0.005	0.19	8.14	35.5	1930	0.76	0.17	4.50	0.17	15.25	33.3	73	1.54	61.7
\$031073		6.16	<0.005	0.16	7.90	40.6	2060	0.76	0.13	4.49	0.06	14.35	37.8	130	1.54	54.8
\$031074		6.44	<0.005	0.15	8.02	34.7	1560	0.64	0.34	4.03	0.03	14.90	30.6	82	0.78	66.6
\$031075		5.82	<0.005	0.24	8.70	34.2	1720	0.95	0.71	8.83	0.06	19.15	25.9	36	0.93	135.0
\$031076		5.54	<0.005	0.25	6.64	27.2	1850	0.37	0.08	8.62	0.07	13.20	21.0	55	1.31	96.7



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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**CERTIFICATE OF ANALYSIS VA20213996** 

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											CAILO	I ANA	-1313	VALUE	13330	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031039		6.09	14.15	0.12	0.8	0.046	2.14	5.5	38.9	4.10	1350	0.49	2.36	3.6	56.6	1520
\$031040		0.16	0.37	0.10	<0.1	<0.005	0.02	1.2	1.7	2.35	138	0.09	0.04	0.1	0.4	80
\$031041		6.24	13.85	0.13	0.9	0.050	2.16	6.6	36.7	4.09	1420	0.60	2.24	3.6	54.7	1500
\$031042		6.36	12.65	0.11	0.9	0.066	2.48	6.6	28.8	3.56	1480	0.75	2.56	3.8	51.5	1550
\$031043		5.75	12.65	0.11	0.8	0.051	2.35	5.2	29.5	3.67	1360	0.35	2.06	3.4	52.7	1460
S031044 S031045 S031046 S031046CD S031047		5.73 5.94 6.14 6.80 6.90 7.15	16.55 15.65 14.95 15.55 17.80	0.11 0.11 0.10 0.11 0.12	0.9 0.9 0.9 1.0 1.0	0.051 0.054 0.057 0.041 0.042 0.055	2.16 2.71 1.42 1.46 1.68	5.8 5.8 5.7 6.1 7.9	26.9 23.5 35.2 34.7 37.6	3.40 3.33 4.00 4.06 3.62	1300 1500 1550 1570 1580	0.40 0.50 0.43 0.43 0.42	1.64 1.42 2.28 2.31 1.65	3.6 3.5 3.6 3.7 4.0	57.3 52.0 58.6 59.7 53.1	1510 1520 1520 1520 1520 1750
S031048 S031049 S031050 S031051 S031052		7.08 7.66 4.34 7.05 7.15	14.60 15.45 12.95 15.00 16.50	0.13 0.12 0.12 0.13 0.09	0.9 0.8 0.9 0.8	0.064 0.074 0.033 0.068 0.059	3.03 3.86 2.62 3.41 2.46	7.5 6.7 14.4 6.6 6.6	27.2 33.3 8.8 28.6 25.3	2.95 3.04 0.36 2.85 2.81	1520 1580 222 1600 1660	0.54 0.50 5.04 0.48 0.43	2.15 1.70 0.19 1.74 2.25	4.1 4.5 5.5 4.4 4.3	25.6 26.6 14.2 21.2 23.2	1940 2080 1260 1950 2010
\$031053		7.07	15.60	0.11	0.9	0.058	2.79	7.1	20.7	2.86	1620	0.68	1.89	4.1	23.3	2010
\$031054		6.81	15.15	0.13	0.9	0.072	2.30	8.2	22.0	3.04	1610	0.40	2.04	4.4	26.3	1920
\$031055		6.88	16.85	0.12	0.9	0.062	2.53	7.5	23.6	2.95	1530	0.44	1.67	4.3	28.1	1910
\$031056		7.14	14.95	0.12	0.9	0.051	2.78	6.7	31.9	3.61	1570	0.59	2.00	4.2	41.0	1840
\$031057		6.64	14.15	0.11	0.8	0.046	2.59	6.5	32.2	3.68	1460	0.43	2.16	4.0	47.7	1770
\$031058		7.19	15.70	0.13	0.9	0.058	3.42	7.5	27.9	3.05	1570	0.63	1.64	4.5	27.8	1990
\$031059		6.80	15.55	0.15	0.9	0.048	3.80	7.6	26.0	2.59	1370	0.64	1.16	4.2	22.1	2090
\$031060		0.13	0.31	0.12	0.1	<0.005	0.03	1.2	1.1	2.38	141	0.08	0.04	0.1	<0.2	80
\$031061		6.77	14.25	0.12	0.8	0.047	3.05	6.0	29.2	3.39	1610	0.54	1.93	4.2	37.0	1780
\$031062		6.89	14.40	0.10	0.9	0.057	2.58	6.2	30.4	3.38	1560	0.68	2.12	4.3	31.0	1810
S031063 S031064 S031065 S031066 S031066CD		6.88 6.56 6.98 7.56 7.58	17.05 14.85 17.40 17.70 17.00	0.10 0.12 0.13 0.10 0.12	0.9 0.9 1.0 1.0	0.059 0.063 0.107 0.058 0.057	1.66 3.65 2.93 3.14 3.08	6.7 5.7 6.6 5.7 5.4	24.9 21.3 19.2 24.5 24.5	3.15 2.61 2.85 3.22 3.23	1610 1540 1780 1720 1680	0.41 0.84 2.73 0.94 0.92	2.04 1.52 1.12 1.86 1.86	4.1 4.4 4.5 5.6 5.4	31.2 18.3 17.9 19.3 19.1	1690 1910 1840 2000 2020
\$031067		7.27	16.70	0.12	1.0	0.071	3.24	6.6	19.4	3.00	1660	0.69	2.10	5.5	18.9	2020
\$031068		5.20	15.65	0.13	0.7	0.053	3.24	7.0	10.3	1.94	1480	1.02	0.57	5.2	16.3	1550
\$031069		6.33	15.00	0.10	0.5	0.048	3.77	6.6	5.6	2.77	1520	0.90	1.25	4.4	21.0	1790
\$031070		4.03	14.35	0.12	1.3	0.033	3.98	13.5	13.8	0.57	1400	10.50	0.21	5.2	21.8	950
\$031071		6.29	16.50	0.10	0.8	0.055	2.94	7.2	21.9	2.90	1620	0.88	2.23	4.6	38.1	1640
\$031072		6.85	16.25	0.10	1.0	0.060	2.17	7.4	44.7	3.06	1560	0.82	3.09	5.8	27.4	1770
\$031073		6.97	15.80	0.09	0.9	0.037	1.92	6.9	42.1	3.78	1680	0.52	2.99	4.3	38.9	1720
\$031074		6.26	15.65	0.09	0.9	0.033	2.37	7.1	34.4	2.43	1540	0.60	3.36	5.4	25.2	1710
\$031075		5.24	26.2	0.12	1.2	0.039	2.77	9.6	21.7	1.94	1380	0.99	1.95	5.9	18.7	1730
\$031076		4.87	13.50	0.08	1.0	0.018	2.42	6.4	35.0	1.95	1300	0.54	1.98	4.3	23.6	1350



To: PRETIVM
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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	13996	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S031039		1.2	58.3	<0.002	0.13	9.66	39.2	1	0.5	567	0.20	<0.05	0.67	0.373	0.94	0.3
S031040		0.7	0.7	<0.002	<0.01	0.24	0.5	1	<0.2	81.0	<0.05	<0.05	0.07	0.008	<0.02	0.1
S031041		1.0	57.2	<0.002	0.07	9.14	38.5	1	0.5	531	0.19	<0.05	0.77	0.364	1.05	0.4
S031042		1.9	63.5	<0.002	0.21	9.60	38.6	1	0.6	411	0.21	0.07	0.92	0.375	1.10	0.4
S031043		1.2	63.5	<0.002	0.10	7.13	37.5	1	0.4	442	0.19	<0.05	0.74	0.347	1.06	0.4
S031044		1.5	44.4	<0.002	0.31	8.93	37.4	1	0.5	423	0.21	<0.05	0.75	0.358	0.89	0.4
S031045		9.2	70.8	<0.002	0.09	9.97	39.0	1	0.6	611	0.20	<0.05	0.77	0.367	1.13	0.4
S031046		0.5	31.3	<0.002	0.01	4.80	39.9	1	0.5	340	0.20	<0.05	0.77	0.378	0.64	0.4
S031046CD		0.5	29.7	<0.002	0.01	4.77	40.1	1	0.5	344	0.21	<0.05	0.75	0.383	0.63	0.4
S031047		1.5	40.3	<0.002	0.23	5.12	42.4	1	0.5	347	0.21	0.06	0.96	0.403	0.77	0.5
S031048		2.3	77.4	<0.002	0.48	6.11	37.7	<1	0.7	586	0.22	0.05	0.94	0.419	1.26	0.5
S031049		2.2	80.4	<0.002	0.44	6.84	36.5	1	0.8	652	0.25	<0.05	0.81	0.447	1.68	0.5
S031050		51.4	130.5	<0.002	4.03	31.6	15.0	5	1.9	134.5	0.30	0.27	2.66	0.295	2.26	0.9
S031051		2.2	69.6	<0.002	0.12	6.77	34.2	1	0.6	621	0.23	0.06	0.75	0.417	1.32	0.5
S031052		5.8	51.1	<0.002	0.07	8.12	35.9	<1	0.7	686	0.23	0.06	0.84	0.423	0.99	0.5
\$031053 \$031054 \$031055 \$031056 \$031057		2.5 1.2 1.5 2.7 2.6	58.9 50.3 53.1 59.1 53.5	<0.002 <0.002 <0.002 <0.002 <0.002	0.07 0.04 0.10 0.04 0.02	9.69 7.42 8.15 4.98 4.57	37.4 40.1 38.7 38.7 38.8	1 1 1 1	0.6 0.8 0.7 0.6 0.5	734 606 597 594 521	0.23 0.22 0.23 0.24 0.22	<0.05 <0.05 <0.05 <0.05 <0.05	0.97 1.10 1.01 0.89 0.74	0.419 0.392 0.394 0.413 0.407	1.04 0.83 0.95 1.12 1.00	0.5 0.6 0.5 0.5 0.4
S031058		1.7	74.2	<0.002	0.16	6.04	38.3	1	0.7	737	0.24	<0.05	0.90	0.441	1.13	0.5
S031059		3.8	79.5	<0.002	0.63	4.78	35.3	1	0.6	882	0.22	<0.05	0.87	0.417	1.35	0.5
S031060		<0.5	0.8	<0.002	<0.01	<0.05	0.4	1	<0.2	85.4	<0.05	<0.05	0.05	0.007	<0.02	0.1
S031061		1.5	61.2	<0.002	0.06	5.46	35.3	<1	0.6	586	0.23	<0.05	0.70	0.407	1.06	0.4
\$031062 \$031063 \$031064 \$031065 \$031066		1.2 0.8 2.1 2.5 1.2	54.5 35.0 66.7 55.1 52.0	<0.002 <0.002 <0.002 0.003 <0.002	0.03 0.03 0.21 0.19 0.05	8.20 8.40 9.26 7.51	37.2 37.1 31.2 34.6 34.6	<1 1 1 1 1	0.6 0.6 0.7 0.9 0.7	477 623 589 490 512	0.24 0.22 0.24 0.24 0.31	<0.05 <0.05 <0.05 0.05 <0.05	0.79 0.90 0.70 0.86 0.67	0.427 0.386 0.419 0.420 0.514	0.97 0.55 1.33 1.10 1.08	0.4 0.5 0.5 0.5 0.4
S031066CD S031067 S031068 S031069		4.6 6890 39.7	50.3 69.5 102.5 104.5	<0.002 <0.002 <0.002 <0.002	0.05 0.06 0.30 0.09	7.40 6.09 52.9 34.6	34.3 39.2 33.2 34.1	1 1 4 <1	0.7 0.8 0.6 0.6	503 511 571 563	0.29 0.30 0.29 0.25	<0.05 <0.05 0.05 <0.05	0.69 0.87 0.97 0.81	0.511 0.513 0.405 0.440	1.06 1.16 1.06 1.25	0.4 0.5 0.6 0.4
\$031070		150.5	182.5	0.010	2.95	19.90	11.7	3	1.6	201	0.31	0.26	3.27	0.260	3.20	1.8
\$031071		5.5	72.3	<0.002	0.12	8.42	34.4	1	0.9	446	0.28	<0.05	1.13	0.397	1.00	0.5
\$031072		29.1	45.6	0.002	0.15	4.02	34.0	1	0.5	472	0.36	<0.05	1.12	0.437	0.81	0.6
\$031073		2.3	43.4	<0.002	0.01	4.22	40.8	<1	0.4	456	0.25	<0.05	0.92	0.402	0.72	0.5
\$031074		1.7	42.2	<0.002	0.07	4.95	32.0	1	0.6	307	0.33	<0.05	0.97	0.442	0.79	0.5
S031075		4.9	67.2	<0.002	0.12	18.70	36.7	1	0.8	650	0.33	<0.05	1.22	0.477	0.90	0.7
S031076		2.3	61.3	<0.002	0.06	2.58	25.5	<1	0.4	272	0.25	<0.05	1.21	0.322	0.78	0.6



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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**CERTIFICATE OF ANALYSIS VA20213996** 

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										LICTIFICATE OF ANALTSIS	VA20213330
	Method Analyte	ME-MS61 V	ME-MS61 W	ME-MS61 Y	ME-MS61 Zn	ME-MS61 Zr	pXRF-34 Si	pXRF-34 Ti	pXRF-34 Zr		
Sample Description	Units LOD	ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	% 0.5	% 0.1	ppm 5		
S031039		239	0.5	13.6	48	26.9	20.3	0.4	55		
S031040		4	0.1	2.1	5	2.1	4.3	<0.1	6		
S031041		218	0.4	13.7	53	29.7	20.2	0.4	55		
S031042		229	0.4	14.5	59	30.3	21.5	0.4	53		
S031043		239	0.5	13.6	49	26.0	20.5	0.4	54		
S031044		257	0.7	14.5	47	30.4	21.2	0.4	54		
S031045		251	4.0	13.9	88	29.0	19.9	0.4	50		
S031046		250	0.5	13.8	60	32.6	19.8	0.4	51		
S031046CD		254	0.5	13.6	60	33.9	20.9	0.4	55		
S031047		281	0.5	15.0	55	32.3	18.7	0.4	51		
S031048		292	0.4	16.2	47	25.6	21.2	0.5	51		
S031049		307	0.4	15.8	51	25.6	20.4	0.5	53		
S031050		137	2.3	8.1	199	36.8	31.4	0.4	76		
S031051		289	0.4	15.2	56	27.3	19.7	0.4	59		
S031052		293	0.4	15.3	67	27.2	20.2	0.4	58		
S031053		284	0.4	14.9	56	29.6	20.7	0.4	56		
S031054		300	0.3	15.9	56	31.9	20.6	0.4	58		
S031055		286	0.4	15.4	56	31.5	20.6	0.4	56		
S031056		303 277	0.5	15.1	64	28.4	20.4	0.4	55 58		
S031057			0.4	14.4	61	26.5	21.3	0.5			
S031058		298	0.4	16.2	55	30.1	20.5	0.5	58		
S031059		283	0.5	15.4	49	29.9	20.6	0.5	63		
S031060		3	0.1	2.1	3 55	1.7 27.8	3.9	<0.1	<5 59		
S031061 S031062		286 294	0.4 0.4	14.4 14.8	55 57	27.0 27.9	20.6 20.6	0.5 0.5	59 59		
S031063		276	0.3	14.6	53	29.5	18.6	0.4	57		
S031064 S031065		272 287	0.5 0.5	13.9 16.5	54 55	29.1 36.4	20.9 20.1	0.5 0.5	62 53		
S031065		332	0.5	15.8	64	32.8	19.4	0.5	65		
S031066CD		332	0.5	15.4	63	31.5	19.7	0.5	61		
S031067		331	1.3	17.3	91	30.5	19.7	0.5	63		
S031067		254	24.3	17.3	1140	17.6	17.8	0.5	50		
S031069		291	11.2	11.1	176	13.0	17.8	0.4	52		
S031003 S031070		107	5.1	9.7	499	41.7	26.6	0.3	81		
S031071		223	0.8	17.0	58	25.5	20.1	0.4	58		
S031072		255	0.8	16.1	76	27.5	19.9	0.4	68		
S031072		260	0.7	16.3	69	26.0	20.2	0.4	58		
S031074		241	0.7	16.0	58	23.1	20.7	0.5	66		
S031075		269	8.0	21.2	41	37.6	18.8	0.5	70		
S031076		266	4.8	14.4	57	31.2	17.8	0.4	57		
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To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20213996** 

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Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61								
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031077		6.04	<0.005	0.04	7.44	27.5	2480	0.43	0.09	5.98	0.02	11.60	24.2	134	1.80	9.7
\$031078		5.58	<0.005	0.18	6.91	35.2	2190	0.37	0.08	8.80	0.04	11.70	27.9	129	1.75	67.3
\$031079		5.84	<0.005	0.34	7.94	54.8	2230	0.50	0.11	5.44	0.14	18.60	32.2	52	1.27	119.5
\$031080		0.60	<0.005	0.01	0.13	0.2	30	<0.05	<0.01	32.5	<0.02	1.15	1.0	2	<0.05	1.9
\$031081		6.36	<0.005	0.20	7.93	22.4	2680	0.91	0.29	3.93	0.07	17.35	20.1	2	1.31	109.5
\$031082		5.92	<0.005	0.31	7.52	27.4	2400	0.90	0.40	4.35	0.31	17.80	20.3	16	1.69	82.0
\$031083		6.60	<0.005	1.31	7.14	36.2	2220	1.13	0.09	8.81	0.74	16.00	26.0	76	3.16	78.8
\$031084		5.86	<0.005	1.09	7.78	31.5	2290	1.09	0.12	4.25	0.77	17.45	18.8	37	2.30	119.0
\$031085		5.80	<0.005	0.27	7.87	17.7	2220	1.06	0.10	3.81	0.82	14.60	15.3	12	1.77	70.9
\$031086		6.64	<0.005	0.21	8.30	17.7	1800	0.85	0.11	4.89	0.05	19.75	19.5	16	0.88	110.5
S031086CD		<0.02	<0.005	0.20	8.37	19.1	1730	0.92	0.11	4.79	0.04	20.3	20.7	17	0.84	120.5
S031087		5.84	<0.005	0.16	8.07	45.7	1450	1.26	0.12	8.69	0.13	15.40	25.1	102	0.70	102.0
S031088		5.88	<0.005	0.13	7.84	25.1	2250	0.94	0.07	4.55	0.10	16.30	20.3	22	1.10	88.2
S031089		5.90	<0.005	0.18	7.99	18.8	2280	0.88	0.13	3.38	0.02	19.65	17.1	16	1.64	103.5
S031090		0.18	5.93	86.4	6.43	297	290	1.00	1.23	2.06	24.9	28.0	12.1	24	8.59	122.5
\$031091 \$031092 \$031093 \$031094 \$031095		7.02 6.14 6.30 6.68 6.44	<0.005 <0.005 <0.005 <0.005 0.005	0.16 0.20 0.27 0.21 0.14	8.26 8.10 8.27 7.15 7.56	21.4 18.9 22.5 32.4 23.0	2350 1260 2990 1680 2630	1.10 1.10 0.89 1.03 0.85	0.21 0.26 0.23 0.08 0.15	4.04 5.25 4.92 7.54 4.67	0.03 0.05 0.10 0.05 0.08	18.90 18.40 19.25 19.05 19.30	19.3 21.1 23.1 32.8 22.7	14 8 14 11	1.21 0.78 1.37 1.25 1.44	77.0 111.5 156.5 141.5 103.0
\$031096		6.54	0.007	0.16	7.91	28.6	2350	0.90	0.18	6.27	0.05	19.90	22.5	10	0.91	80.0
\$031097		6.74	0.031	0.34	7.78	57.4	1830	0.78	2.42	8.03	0.02	22.1	29.2	10	1.44	57.2
\$031098		5.22	0.006	0.23	8.00	33.2	3430	0.86	0.21	5.49	0.07	20.7	26.3	10	1.19	156.0
\$031099		6.44	<0.005	0.27	7.90	30.5	2090	0.89	0.09	6.04	0.04	21.7	26.5	11	0.86	185.5
\$031100		1.20	<0.005	0.01	0.18	0.3	40	0.07	0.04	31.9	<0.02	1.33	1.2	1	0.08	3.1



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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031077		6.43	16.50	0.11	0.6	0.022	4.27	5.5	42.2	2.85	1540	0.26	0.95	3.3	47.6	1510
\$031078		5.89	13.95	0.09	0.9	0.035	4.04	5.9	38.0	2.52	1680	0.26	0.72	2.9	45.8	1360
\$031079		5.21	14.60	0.11	1.0	0.041	3.63	8.7	24.8	1.58	1240	1.28	2.65	5.4	21.4	1630
\$031080		0.16	0.38	0.11	<0.1	<0.005	0.04	1.3	1.5	2.14	149	0.08	0.04	0.2	0.6	90
\$031081		5.26	16.25	0.12	1.1	0.057	3.63	7.9	22.1	1.57	1230	0.83	2.97	7.3	9.8	2000
\$031082		5.09	16.75	0.13	1.0	0.085	3.94	8.7	13.4	1.48	1160	0.56	2.53	7.4	7.9	1910
\$031083		5.36	18.85	0.10	1.0	0.057	3.65	8.2	13.5	2.07	1300	0.71	1.57	4.8	21.4	1610
\$031084		5.19	20.3	0.13	1.0	0.053	4.12	8.2	12.0	1.59	1150	0.89	2.47	6.8	10.7	1860
\$031085		4.76	18.65	0.12	1.0	0.038	3.53	6.5	15.7	1.73	1040	0.66	2.98	6.9	6.4	1820
\$031086		6.18	19.40	0.12	1.3	0.058	2.77	9.2	27.6	2.21	1350	0.63	3.07	7.7	8.3	2130
S031086CD		6.21	19.25	0.11	1.3	0.064	2.74	9.6	27.3	2.21	1360	0.54	3.11	7.8	8.6	2110
S031087		6.11	21.5	0.09	1.1	0.075	2.26	7.3	22.8	2.16	1400	0.65	1.42	5.0	35.0	1630
S031088		4.73	19.65	0.11	1.4	0.044	3.62	7.2	17.0	1.65	908	0.82	2.83	7.6	10.2	1800
S031089		4.83	17.20	0.14	1.3	0.044	4.14	9.1	15.1	1.65	868	0.84	2.83	8.2	8.1	2010
S031090		4.86	14.55	0.11	1.4	1.445	3.82	14.2	14.1	0.49	1220	10.80	0.24	5.8	17.2	990
\$031091		5.39	17.80	0.12	1.4	0.055	3.76	8.4	18.9	1.86	954	0.66	2.84	7.2	7.7	2060
\$031092		6.25	18.80	0.13	1.3	0.074	2.46	8.4	24.6	2.03	1150	0.40	2.64	6.9	5.7	2120
\$031093		6.41	19.40	0.15	1.3	0.062	4.71	8.8	24.0	2.05	1200	0.71	1.83	7.8	8.8	2270
\$031094		7.83	18.40	0.11	1.3	0.088	2.62	9.1	33.4	3.24	1770	0.40	1.20	5.8	7.1	2370
\$031095		6.55	15.95	0.12	1.3	0.120	3.95	9.4	21.9	2.47	1380	0.55	1.95	6.2	8.7	2160
\$031096 \$031097 \$031098 \$031099 \$031100		6.91 7.48 6.16 7.12 0.24	18.85 21.2 16.90 18.40 0.58	0.12 0.11 0.13 0.11 0.11	1.3 1.5 1.3 1.3	0.087 0.072 0.060 0.071 0.005	3.79 3.12 4.98 3.12 0.06	9.3 11.3 10.1 11.0 1.3	13.0 16.1 12.5 16.4 1.6	1.87 1.57 1.52 2.11 2.78	1560 1580 1460 1630 170	0.40 0.89 1.49 0.52 0.09	1.51 0.72 1.46 1.98 0.04	6.7 7.2 8.2 6.6 0.2	6.2 7.3 7.0 6.7 0.7	2350 2490 2370 2260 120



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**CERTIFICATE OF ANALYSIS VA20213996** 

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031077		2.0	89.4	<0.002	0.09	5.15	34.3	1	0.4	370	0.19	<0.05	0.72	0.374	1.40	0.4
\$031078		2.8	97.0	<0.002	0.12	3.78	33.6	1	0.5	317	0.17	<0.05	0.85	0.339	1.21	0.4
\$031079		5.6	80.2	<0.002	0.29	3.16	28.8	1	0.9	262	0.32	<0.05	1.37	0.406	1.05	0.7
\$031080		0.8	1.0	<0.002	<0.01	0.10	0.5	<1	<0.2	85.6	<0.05	<0.05	0.09	0.009	0.02	0.2
\$031081		4.2	75.5	<0.002	0.21	4.77	26.6	1	0.8	461	0.42	<0.05	1.00	0.509	1.25	0.5
\$031082 \$031083 \$031084 \$031085 \$031086		10.4 21.0 18.7 30.9 2.2	93.1 102.0 94.3 73.1 57.8	<0.002 <0.002 <0.002 0.002 <0.002	0.31 0.12 0.31 0.09 0.08	5.98 10.20 9.15 5.02 5.87	24.9 33.0 26.7 22.9 31.2	1 <1 1 1	0.9 0.8 1.0 0.7 0.9	393 461 450 440 457	0.43 0.29 0.40 0.42 0.44	<0.05 <0.05 <0.05 <0.05 <0.05	1.15 1.20 1.08 0.96 1.29	0.486 0.395 0.466 0.454 0.554	1.36 1.19 1.41 1.13 0.89	0.5 0.6 0.6 0.5 0.6
S031086CD		2.6	58.6	<0.002	0.08	5.84	31.9	<1	0.9	454	0.44	<0.05	1.31	0.553	0.90	0.6
S031087		6.2	44.3	<0.002	0.16	7.48	30.8	1	1.0	403	0.29	<0.05	1.07	0.405	0.71	0.5
S031088		1.9	61.4	<0.002	0.10	3.97	21.2	<1	0.7	341	0.46	<0.05	1.25	0.444	1.05	0.6
S031089		2.1	88.3	<0.002	0.08	4.14	21.3	1	0.8	331	0.48	<0.05	1.60	0.478	1.24	0.7
S031090		9010	165.0	0.005	3.14	79.3	12.9	3	4.2	153.0	0.38	0.28	3.87	0.262	3.19	2.2
\$031091 \$031092 \$031093 \$031094 \$031095		6.7 3.4 3.8 1.9 2.1	70.5 47.8 91.0 67.5 92.2	<0.002 <0.002 <0.002 <0.002 0.004	0.19 0.07 0.09 0.03 0.08	4.94 6.92 9.55 11.10 7.13	25.3 34.1 28.1 46.4 36.0	1 <1 1 <1 1	0.9 0.9 0.8 0.8	338 312 493 502 419	0.41 0.39 0.45 0.34 0.38	<0.05 <0.05 <0.05 <0.05 0.13	1.41 1.13 1.45 1.31 1.39	0.512 0.563 0.560 0.587 0.550	1.07 0.68 1.27 0.78 1.17	0.6 0.6 0.7 0.6 0.7
\$031096		2.8	88.5	0.002	0.19	21.2	37.4	<1	0.9	806	0.37	<0.05	1.39	0.590	1.14	0.7
\$031097		13.8	78.3	<0.002	0.75	29.7	36.8	2	1.0	1055	0.40	0.31	1.75	0.596	0.98	0.8
\$031098		2.6	105.5	<0.002	0.07	18.65	28.3	1	0.8	630	0.46	<0.05	1.52	0.537	1.43	0.7
\$031099		2.6	75.6	<0.002	0.04	19.90	37.7	<1	0.9	556	0.37	<0.05	1.45	0.565	0.84	0.7
\$031100		0.8	1.7	<0.002	<0.01	0.45	0.8	1	<0.2	94.6	<0.05	<0.05	0.09	0.014	0.03	0.1



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,								CERTIFICATE OF ANALYSIS VA20213996
Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34 Zr ppm 5
Analyte	V	W	Y	Zn	Zr	Si	Ti	
Units	ppm	ppm	ppm	ppm	ppm	%	%	
LOD	1	0.1	0.1	2	0.5	0.5	0.1	
	257	0.9	15.6	68	13.9	18.1	0.4	54
	222	1.0	15.1	65	18.9	15.9	0.4	46
	212	1.2	17.7	60	31.1	19.8	0.4	72
	4	0.1	2.6	4	1.9	2.9	<0.1	<5
	243	2.5	18.3	52	29.6	22.4	0.5	78
	235	7.1	17.2	62	30.4	21.7	0.6	69
	235	7.7	16.3	95	33.3	16.8	0.4	61
	250	10.9	15.7	93	29.6	20.7	0.5	75
	213	6.2	14.0	94	30.1	21.3	0.5	74
	277	0.7	21.2	56	39.6	21.0	0.5	81
	280	0.6	21.5	56	41.0	21.8	0.5	75
	211	0.9	16.8	44	34.4	18.9	0.4	58
	207	0.6	16.6	37	40.4	23.4	0.5	82
	215	0.6	18.3	34	39.8	22.7	0.5	94
	127	4.5	10.7	1930	47.7	28.6	0.3	85
	226	0.6	20.2	42	39.4	21.7	0.5	88
	281	0.6	22.1	49	39.7	21.3	0.5	73
	302	0.7	19.4	62	39.6	22.3	0.6	82
	363	0.8	22.5	64	44.0	19.1	0.6	58
	328	0.7	19.6	53	34.0	21.8	0.6	72
	355	0.7	20.9	48	39.3	21.4	0.6	68
	348	0.9	22.9	40	49.9	19.6	0.6	73
	310	0.8	20.3	51	37.0	21.5	0.6	81
	343	0.6	21.7	62	37.3	21.4	0.6	65
	6	0.1	2.6	4	2.2	3.1	<0.1	9
	Method Analyte Units	Method Analyte Units LOD 257 222 212 4 243 235 235 235 250 213 277 280 211 207 215 127 226 281 302 363 328 355 348 310 343	Method Analyte Units LOD         ME-MS61 V Pppm ppm ppm ppm 1 0.1         ME-MS61 V Pppm ppm ppm ppm ppm 1 0.1           257 0.9 222 1.0 212 1.2 4 0.1 243 2.5         235 7.1 235 7.1 235 7.7 250 10.9 213 6.2 277 0.7           280 0.6 211 0.9 213 6.2 277 0.7         280 0.6 211 0.9 207 0.6 215 0.6 215 0.6 215 0.6 302 0.7 363 0.8 328 0.7 363 0.8 328 0.7 363 0.8 328 0.7 355 0.7 348 0.9 310 0.8 343 0.6	Method Analyte Units LOD         ME-MS61 V W Pppm ppm ppm ppm ppm ppm ppm ppm ppm 1 0.1         ME-MS61 V W Pppm ppm ppm ppm ppm ppm ppm ppm ppm pp	Method Analyte Units LOD         ME-MS61 V W PPPM PPPM PPPM PPPM PPPM PPPM PPPM	Method Analyte Units LOD         ME-MS61         ME-MS61         ME-MS61         ME-MS61         ME-MS61         ME-MS61         ME-MS61         ME-MS61         Zr         Zr         Dpm         ppm         ppm <t< td=""><td>Method Analyte Units LOD         ME-MS61 V W Y Zn Zn Zr Si Si</td><td>Method Analyte Units LOD         ME-MS61 V W W Y Zn Zr Zr Si Ti Ti Ti Dpm Dpm Dpm Dpm Dpm Dpm Dpm Dpm Dpm Dpm</td></t<>	Method Analyte Units LOD         ME-MS61 V W Y Zn Zn Zr Si	Method Analyte Units LOD         ME-MS61 V W W Y Zn Zr Zr Si Ti Ti Ti Dpm



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CERTIFICATE	OF ANALYSIS	V/Δ202	13006
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		CERTIFICATE OF ANALTSIS	VA20213930
	CERTIFICATE (	COMMENTS	
	AN	NALYTICAL COMMENTS	
Applies to Method:	REEs may not be totally soluble in this method. ME-MS61		
	LA	BORATORY ADDRESSES	
	Processed at ALS Vancouver located at 2103 Dollarton Hw		
Applies to Method:	Au-AA23       BAG-01         LOG-21d       LOG-23         PUL-32md       PUL-QC         SPL-21d       WEI-21	CRU-31 ME-MS61 pXRF-34	LOG-21 PUL-32m SPL-21



ALS Canada Ltd.

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## VA20217285

Project: Bowser Regional Project

P.O. No.: BOW-1132

This report is for 50 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 28-SEP-2020.

The following have access to data associated with this certificate:

9		
CHRISTINA ANSTEY	JEFF AUSTON	SUSAN FLASHA
LEANNE HAWKINS	COREY JAMES	JULIANNE MADSEN
STEPHAINE WAFFORN		

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	:S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

Page: 2 - A
Total # Pages: 3 (A - D)
Plus Appendix Pages
Finalized Date: 17-OCT-2020
Account: PREBOW

(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	17285	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$030951 \$030952 \$030953 \$030954 \$030955 \$030956		6.36 5.48 4.74 6.18 5.28	0.005 0.008 0.006 0.009 0.007	0.32 0.36 0.60 0.66 0.42	7.61 7.30 7.69 7.40 7.28	34.6 33.7 52.1 204 42.8 28.9	2010 660 1180 2100 1820	0.89 0.92 1.07 1.07 0.86	0.18 0.26 0.17 0.11 0.16	5.31 4.16 3.19 4.60 3.87	0.17 0.21 1.08 2.23 0.18	19.70 21.4 24.7 22.6 21.8	23.2 27.6 18.4 10.9 16.6	16 17 24 20 17	2.04 1.81 2.40 2.34 1.61	177.5 238 202 133.5 162.0
\$030957		6.26	0.007	0.42	7.91	147.0	1310	0.78	0.13	6.09	0.13	15.65	19.9	15	1.43	138.0
\$030958		5.90	0.006	0.26	7.81	40.4	2320	0.71	0.09	5.27	0.27	20.1	18.1	15	1.92	98.7
\$030959		4.12	0.005	0.28	7.53	18.1	2360	0.78	0.11	3.71	0.29	22.5	18.4	18	1.57	91.9
\$030960		1.14	<0.005	0.01	0.14	<0.2	40	0.06	0.02	31.6	<0.02	0.96	0.9	2	<0.05	1.8
\$030961		4.16	<0.005	0.45	8.05	27.1	2640	0.99	0.10	4.17	0.28	18.65	20.6	18	2.40	106.0
\$030962		4.00	0.016	0.93	6.02	583	1080	0.79	0.09	10.50	0.34	14.85	15.1	12	4.73	73.3
\$030963		4.20	0.219	1.37	4.56	>10000	1000	0.73	0.10	9.68	2.58	13.75	12.2	11	3.34	75.8
\$030964		4.34	0.068	0.78	7.13	3630	1810	0.72	0.12	6.41	0.81	16.70	21.4	21	2.26	97.6
\$030965		4.08	0.008	0.53	7.56	64.3	1450	0.76	0.12	7.33	0.92	20.0	23.3	18	1.00	92.8
\$030966		4.54	<0.005	0.61	6.23	58.5	1260	0.66	0.11	12.45	3.26	26.5	19.9	12	1.00	98.2
\$030966CD		<0.02	0.005	0.60	6.26	54.8	1270	0.68	0.11	12.30	3.07	23.6	18.6	14	0.97	94.3
\$030967		4.52	0.005	0.57	6.82	41.6	1310	0.62	0.11	8.57	1.98	18.10	18.8	14	0.93	78.2
\$030968		4.42	0.019	0.50	2.70	599	240	0.57	0.04	18.75	1.07	28.4	6.1	7	2.31	22.6
\$030969		4.36	0.097	0.56	4.59	2970	220	0.72	0.05	11.05	4.13	15.05	9.5	12	5.26	58.9
\$030970		0.18	5.48	78.4	6.13	293	1320	1.01	1.08	1.98	21.5	26.4	10.8	23	7.33	117.5
\$030971		4.14	0.062	2.96	6.47	3470	1480	0.78	0.15	8.70	35.6	18.70	19.9	13	3.72	99.4
\$030972		3.76	0.030	1.17	7.34	334	1890	0.76	0.18	6.04	5.19	18.85	25.1	17	1.31	132.5
\$030973		3.84	0.006	1.00	6.65	85.9	1500	0.54	0.13	9.48	29.1	21.6	22.6	13	1.23	86.4
\$030974		3.62	0.008	0.70	7.43	55.5	2290	0.57	0.13	4.33	2.39	21.5	21.9	20	1.65	97.1
\$030975		6.04	0.010	0.88	7.01	63.0	1870	0.67	0.13	7.57	2.44	19.25	22.0	17	1.27	116.5
\$030976		7.24	0.011	1.90	6.40	150.5	1310	1.06	0.25	7.72	11.20	21.4	32.0	19	3.81	236
\$030977		5.16	0.008	1.17	6.80	334	1170	0.81	0.24	7.15	9.84	19.35	32.8	21	1.94	150.0
\$030978		4.64	0.006	0.70	6.25	42.5	940	0.76	0.22	7.01	1.06	23.3	35.2	24	1.18	132.0
\$030979		7.92	0.011	0.86	5.91	98.6	1130	0.68	0.21	7.30	2.49	20.8	31.8	20	1.41	122.0
\$030980		0.50	<0.005	0.01	0.11	0.6	20	0.06	0.01	30.7	0.02	0.91	0.9	2	0.05	2.3
\$030981		4.84	<0.005	0.63	5.87	49.2	550	0.72	0.17	8.95	0.67	20.1	30.6	20	1.73	100.5
\$030982		5.50	0.008	0.39	6.20	29.4	670	0.74	0.16	6.93	0.51	21.9	26.7	22	1.80	77.1
\$030983		6.12	0.009	0.44	6.32	22.3	980	0.80	0.21	6.73	0.60	22.7	28.2	23	1.21	100.5
\$030984		6.28	0.013	0.73	6.50	18.6	730	1.01	0.35	5.50	0.40	20.2	38.0	22	1.74	200
\$030985		5.68	0.011	0.45	6.63	13.3	1100	0.60	0.22	3.78	0.28	20.3	19.6	19	2.08	136.0
\$030986		5.20	0.015	0.45	7.19	19.3	2300	0.76	0.19	3.85	0.12	19.85	15.3	10	1.89	151.5
\$030986CD		<0.02	0.018	0.41	7.17	18.0	3000	0.74	0.17	3.67	0.14	19.35	14.2	13	1.89	137.0
\$030987		5.62	0.012	0.50	7.82	14.6	2110	1.06	0.38	3.51	0.31	20.8	20.6	13	1.16	196.0
\$030988		5.48	0.011	0.46	8.31	10.9	2570	1.08	0.36	3.22	0.57	23.2	20.2	18	0.98	176.0



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20217285** 

Page: 2 - B Total # Pages: 3 (A - D) Plus Appendix Pages Finalized Date: 17-OCT-2020 Account: PREBOW

											CAILO	I ANA	_1 313	VAZUZ	17203	
Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
S030951		6.09 6.80	15.10 15.60	0.08	0.6 0.6	0.056 0.056	2.65 2.80	10.3 11.3	54.8 46.1	2.58 2.00	1710 1460	1.44 1.36	2.56 2.63	9.8 9.9	11.7 10.6	2340 2440
S030952 S030953		4.57	16.25	0.09	1.0	0.036	4.52	13.2	33.2	2.00 1.45	1020	1.83	2.63	9.9 11.2	14.5	1920
S030954		3.34	15.50	0.09	1.1	0.025	3.64	12.4	34.0	1.35	1220	2.06	2.63	12.1	12.0	1340
S030955		3.84	15.90	0.10	1.0	0.030	4.16	11.4	32.0	1.27	982	2.67	2.97	12.7	9.0	1820
S030956		5.12	16.45	0.10	1.0	0.031	2.60	10.6	39.0	1.53	1080	1.90	3.99	11.5	10.1	2120
S030957		4.55	14.80	0.09	0.9	0.032	3.23	8.5	39.7	1.54	1560	1.76	3.29	9.4	9.6	1810
S030958		4.73	15.25	0.10	0.8	0.042	3.46	11.1	50.3	1.94	1520	0.99	2.87	9.5	9.5	1840
S030959		5.54	16.90	0.10	1.3	0.047	3.38	12.0	59.0	2.27	1400	1.12	2.58	9.5	8.4	1910
S030960		0.16	0.42	< 0.05	<0.1	<0.005	0.04	1.1	2.0	2.33	143	0.07	0.05	0.2	0.9	90
S030961		5.41	16.05	0.09	0.6	0.037	3.58	9.7	55.3	2.44	1480	0.96	2.42	8.4	9.7	1930
S030962		4.78	13.45	0.07	0.7	0.031	2.42	8.4	45.3	1.71	2290	3.55	1.06	5.8	8.1	1360
S030963		3.56	10.30	0.08	0.5	0.035	2.08	7.2	25.7	0.87	1660	4.05	0.94	4.7	6.1	1020
S030964		5.82	15.80	0.09	8.0	0.069	2.52	8.5	51.7	2.23	1670	2.60	1.97	7.7	9.6	1780
S030965		6.35	16.30	0.07	8.0	0.088	1.65	10.6	51.7	2.45	2070	0.90	2.93	8.8	10.1	2020
S030966		5.00	13.75	0.08	0.7	0.066	1.76	13.7	46.3	1.92	2430	1.16	2.17	6.6	8.0	1670
S030966CD		5.00	13.20	0.08	0.7	0.063	1.77	12.9	42.3	1.93	2370	1.13	2.20	6.3	7.8	1670
S030967 S030968		5.14 2.45	14.20 7.32	0.07 0.07	0.8 0.3	0.052 0.022	2.00 0.78	9.7 15.7	46.7 24.6	1.97 0.91	2100 3410	1.24 1.06	2.47 0.43	7.9 2.5	7.8 3.0	1750 650
S030969		3.47	13.20	0.07	0.5	0.022	1.54	8.4	40.6	1.46	2340	2.73	0.43	4.4	5.3	1050
		4.68	12.50		1.2			14.5				9.47	0.23	5.2	15.5	930
S030970 S030971		4.68 4.89	15.15	0.09 0.08	0.7	1.360 0.056	3.66 2.71	10.0	12.7 48.3	0.48 1.92	1150 1990	9.47 1.64	1.16	5.2 6.4	8.2	930 1550
S030971		5.98	15.75	0.08	0.8	0.030	2.44	9.8	55.2	2.42	1780	0.77	2.18	8.3	10.4	1930
S030972 S030973		5.62	14.40	0.07	0.8	0.064	1.93	11.5	46.3	1.88	2480	0.78	2.31	6.8	9.3	1720
S030974		5.87	15.75	0.08	0.8	0.091	3.28	11.0	52.7	1.92	1470	0.89	2.51	9.2	9.8	2090
S030975		5.76	12.80	0.08	0.9	0.080	2.76	10.5	40.1	1.69	1840	0.80	2.26	7.6	9.3	1900
S030976		6.70	15.90	0.07	0.9	0.123	2.69	11.3	38.8	1.85	1960	0.81	1.20	8.1	10.9	2240
S030977		8.18	17.80	0.07	1.0	0.141	1.72	10.1	49.3	2.59	2150	0.67	1.80	8.7	12.3	2490
S030978		8.55	16.30	0.09	1.2	0.141	1.57	11.8	43.4	3.12	2070	0.60	1.84	8.9	14.3	2780
S030979		7.80	15.15	0.08	1.0	0.107	1.40	10.7	43.7	3.26	2170	0.87	1.71	7.9	11.8	2470
S030980		0.17	0.32	<0.05	<0.1	<0.005	0.02	1.0	1.7	1.60	126	0.07	0.03	0.1	0.6	90
S030981		7.75	15.30	0.06	1.1	0.123	0.88	9.9	42.0	2.94	2380	0.46	1.82	7.9	11.8	2600
S030982		7.84	15.45	0.07	1.3	0.134	1.10	10.6	40.4	3.84	2350	0.52	2.03	8.4	11.0	2740
S030983 S030984		8.04 8.96	15.50 14.80	0.09 0.10	1.1 1.1	0.136 0.119	1.07 2.07	11.3 9.8	41.9 41.7	3.81 3.57	2220 1880	0.38 0.92	2.33 2.10	8.1 9.1	11.8 12.7	2740 2670
\$030985 \$030986		4.77 3.76	14.30 15.55	0.08	0.9	0.050 0.034	5.65 6.03	10.4 9.4	20.6 27.7	1.30 1.09	899 786	1.92	0.99 1.64	11.2	8.8 8.8	2080 2210
S030986 S030986CD		3.76 3.67	15.55	0.08 0.08	0.8 0.8	0.034	6.55	9.4 9.4	26.4	1.09	766 763	2.90 2.55	1.54	13.0 12.9	8.8 7.2	2180
S030987		5.84	16.55	0.08	0.6	0.033	3.08	10.6	48.1	2.21	1200	2.04	3.01	11.0	8.0	2290
S030988		5.76	16.40	0.10	0.6	0.039	3.85	12.1	45.9	2.35	1220	4.79	2.72	12.1	8.9	2500
		1														



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20217285** 

Page: 2 - C Total # Pages: 3 (A - D) Plus Appendix Pages Finalized Date: 17-OCT-2020 Account: PREBOW

											CAILO	I ANAI	_ 1 313	VAZUZ	17203	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
S030951 S030952		7.8 7.0	72.3 74.3	0.008	2.38 3.25	12.10 10.35	37.9 41.2	4 5	1.2 1.2	384 348	0.42 0.45	0.30 0.47	1.20 1.27	0.491 0.504	2.27 1.23	0.5 0.6
S030952 S030953		39.3	123.0	0.008	2.16	11.90	21.4	4	0.7	462	0.45	0.47	2.26	0.386	2.70	1.0
S030954		97.1	99.8	0.009	1.10	10.75	13.2	2	0.7	372	0.55	0.31	2.50	0.327	1.86	1.0
S030955		7.0	110.0	0.003	1.83	9.42	18.6	3	1.2	363	0.61	0.13	2.02	0.327	2.06	0.9
S030956		6.6	68.4	0.002	2.68	9.74	22.8	3	1.2	297	0.59	0.35	1.72	0.447	1.38	0.8
S030957		7.3	90.0	0.002	2.39	13.50	22.4	2	1.2	368	0.44	0.28	1.21	0.419	2.74	0.6
S030957 S030958		6.5	113.0	0.003	1.58	7.78	27.4	2	1.1	428	0.42	0.16	1.41	0.450	1.79	0.5
S030959		5.5	111.5	0.003	1.28	5.30	27.0	1	1.0	416	0.44	0.10	1.83	0.478	1.24	0.7
S030960		0.6	1.4	<0.002	0.01	0.13	0.4	1	<0.2	81.5	<0.05	<0.05	0.07	0.009	0.03	0.1
S030961		7.3	108.5	0.002	1.35	7.65	31.6	2	1.1	474	0.39	0.21	1.07	0.506	1.91	0.5
S030962		19.1	104.5	0.002	1.55	12.85	20.7	2	0.8	241	0.29	0.17	0.77	0.348	1.10	0.4
S030963		211	91.9	0.002	1.23	106.0	13.7	7	0.8	242	0.24	0.29	0.73	0.241	0.91	0.4
S030964		56.8	86.8	0.002	1.23	36.7	30.8	2	1.0	415	0.35	0.27	0.99	0.466	1.06	0.4
S030965		39.3	48.2	<0.002	1.20	6.02	36.2	1	1.0	442	0.38	0.18	1.01	0.527	0.92	0.5
S030966		143.0	54.7	0.002	0.84	6.18	30.2	2	0.9	407	0.32	0.19	0.82	0.435	0.93	0.4
S030966CD		142.0	53.5	< 0.002	0.82	5.78	28.7	1	0.9	405	0.31	0.19	0.85	0.431	0.93	0.4
S030967		193.0	59.8	< 0.002	0.68	4.59	29.5	1	8.0	315	0.36	0.23	0.96	0.446	0.73	0.4
S030968		253	40.8	< 0.002	0.22	8.64	13.2	2	0.4	227	0.12	0.07	0.33	0.171	0.36	0.1
S030969		120.0	92.3	<0.002	0.26	32.8	16.7	2	0.6	161.0	0.22	0.11	0.59	0.264	0.73	0.3
S030970		8520	156.5	0.005	2.97	72.9	12.1	3	3.7	143.0	0.29	0.27	3.33	0.246	2.81	1.9
S030971		1815	109.5	0.002	0.99	36.7	26.8	4	0.9	261	0.33	0.25	0.84	0.403	1.52	0.4
S030972		194.5	73.9	<0.002	1.03	10.20	33.8	2	1.0	316	0.38	0.26	0.93	0.511	1.19	0.4
S030973		99.8	58.2	<0.002	1.36	5.45	31.6	1	0.8	348	0.32	0.23	0.86	0.446	0.77	0.4
S030974		73.6	98.8	<0.002	0.85	3.58	34.4	1	1.1	336	0.40	0.19	1.32	0.544	0.99	0.5
S030975		91.1	78.0	0.002	1.44	5.76	34.2	1	1.2	363	0.35	0.23	0.95	0.503	1.02	0.4
S030976		406	88.4	0.002	1.59	9.47	44.1	2	1.7	342	0.37	0.50	0.93	0.569	1.24	0.4
S030977		331	50.6	<0.002	1.20	7.88	51.7	2	1.5	305	0.39	0.16	1.00	0.586	0.56	0.5
S030978		30.9	50.7	0.002	2.16	7.04	61.2	1	1.2	364	0.39	0.14	1.07	0.634	1.00	0.5
S030979		81.5	43.0	0.003	1.86	7.94	53.5	1	1.0	349	0.36	0.19	1.02	0.558	0.78	0.5
S030980		0.7	0.5	<0.002	0.01	0.11	0.7	1	<0.2	79.2	< 0.05	<0.05	0.06	0.009	0.02	0.1
S030981		23.5	28.6	<0.002	1.72	7.65	55.8	1	0.9	302	0.36	0.13	1.05	0.585	0.62	0.5
S030982		7.7	37.3	<0.002	1.15	5.74	58.3	1	1.0	291	0.38	0.16	1.07	0.624	0.53	0.5
S030983		8.5	32.6	<0.002	1.84	7.88	59.4	1	1.1	271	0.38	0.24	1.08	0.608	0.62	0.5
S030984		12.5	55.4	0.002	3.72	10.80	55.1	2	1.5	281	0.40	0.58	1.03	0.593	0.94	0.5
S030985		11.4	98.7	0.005	2.08	8.16	26.1	2	1.3	378	0.50	0.28	1.64	0.409	1.93	0.8
S030986		8.6	101.0	0.010	1.42	5.87	14.9	2	0.8	504	0.64	0.19	1.66	0.375	1.75	0.7
S030986CD		7.2	104.0	0.009	1.34	5.23	15.6	2	0.7	492	0.65	0.19	1.69	0.365	1.78	0.7
S030987		7.7	79.6	0.007	2.04	6.08	24.0	3	8.0	436	0.56	0.33	1.51	0.451	0.91	0.6
S030988		8.0	94.6	0.026	1.57	5.58	26.6	3	0.9	339	0.61	0.30	1.60	0.496	0.88	0.6



To: PRETIVM
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									CERTIFICATE OF ANALYSIS VA202	17285
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
S030951		338	1.1	16.7	70	15.1	18.0	0.5	47	
S030952		365	0.9	17.9	71	16.8	18.8	0.6	48	
S030953		223	1.2	16.5	152	29.3	21.5	0.5	76	
S030954		152	1.5	15.6	275	37.0	22.0	0.4	97	
S030955		182	1.4	16.5	42	31.9	19.9	0.5	87	
S030956		233	1.8	16.4	36	29.4	20.3	0.5	77	
S030957		228	2.7	10.3	36	23.6	18.0	0.5	61	
S030958		252	2.1	14.2	74	49.1	18.9	0.5	60	
S030959		289	0.9	19.4	92	34.2	19.2	0.5	62	
S030960		4	<0.1	2.0	6	1.5	3.7	<0.1	11	
S030961		303	0.8	17.7	82	15.6	19.2	0.6	56	
S030962		212	1.9	17.7	83	15.7	16.4	0.4	33	
S030963		133	2.2	14.0	362	15.4	20.9	0.3	29	
S030964		292	1.7	16.8	149	26.2	18.3	0.5	52	
S030965		342	1.3	21.4	180	22.9	16.2	0.5	50	
S030966		273	2.3	24.2	439	16.6	13.8	0.4	39	
S030966CD		276	2.2	22.8	419	17.6	13.6	0.5	46	
S030967		274	3.0	15.8	285	24.7	15.6	0.5	54	
S030968		109	1.8	30.4	146	7.4	13.0	0.2	24	
S030969		164	3.2	20.6	524	13.7	18.3	0.3	30	
S030970		121	3.5	9.8	1820	42.2	26.2	0.4	81	
S030971		252	2.5	17.9	3860	19.2	17.0	0.5	42	
S030971 S030972		323	2.8	16.8	672	17.1	17.8	0.5	46	
S030972		285	2.7	21.0	3000	22.2	14.4	0.5	42	
S030974		347	5.4	13.8	352	19.7	19.2	0.6	52	
S030975		318	4.0	16.3	349	27.7	17.0	0.5	50	
S030976		397	2.5	17.1	1310	25.9	16.9	0.6	49	
S030977		431	4.3	19.2	1220	19.7	15.2	0.6	47	
S030978		463	1.4	24.8	205	28.2	16.6	0.6	46	
S030979		408	1.7	22.8	340	23.8	16.4	0.6	51	
S030980		6	<0.1	2.0	6	1.3	3.7	<0.1	<5	
S030981		430	2.7	22.8	164	24.9	14.6	0.5	47	
S030982		455	1.4	23.5	158	27.0	17.4	0.6	49	
S030983		447	0.6	24.5	164	33.2	17.8	0.6	50	
S030984		437	1.0	23.0	100	27.0	17.4	0.6	48	
S030985		270	4.4	17.7	65	25.0	22.4	0.6	59	
S030986		209	3.1	15.0	41	27.5	22.2	0.6	66	
S030986CD		203	3.2	14.8	40	27.3	22.7	0.6	69	
S030987		277	1.9	16.7	84	37.9	21.4	0.5	52	
S030988		303	1.5	16.8	127	17.3	20.8	0.5	58	
1 3330300		300	1.0	10.0			20.0	5.0	••	



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20217285** 

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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 AI % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
S030989		5.92	0.032	0.57	7.63	35.4	1980	1.11	0.39	3.52	0.56	26.5	22.2	22	1.22	213
S030990		0.16	1.435	29.6	5.58	353	680	1.19	0.81	0.64	1.48	27.3	13.1	18	7.30	105.0
S030991		5.76	0.022	0.47	7.89	15.3	2420	1.03	0.19	2.56	0.15	27.4	14.9	21	1.23	169.0
S030992		6.22	0.020	0.62	8.18	14.0	2230	1.10	0.19	3.04	0.35	27.5	17.1	21	1.01	197.0
S030993		6.14	0.019	1.00	8.14	14.7	1680	0.98	0.32	3.05	0.39	24.3	23.0	22	0.73	244
S030994		5.16	0.018	0.59	8.02	13.0	870	1.17	0.30	3.71	0.48	19.65	22.8	20	0.63	178.5
S030995		6.36	0.021	0.36	7.89	10.9	1910	0.89	0.25	3.64	0.31	21.2	20.1	22	0.83	149.5
S030996		6.02	0.016	0.30	8.17	8.1	2230	0.98	0.16	3.55	0.41	19.35	18.5	13	1.07	158.5
S030997		6.84	0.026	0.58	7.81	13.2	1640	1.10	0.35	5.07	0.40	22.8	25.8	16	0.87	290
S030998		6.12	0.030	0.66	8.05	17.1	1270	1.14	0.53	4.55	0.31	21.4	26.0	17	0.87	369



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**CERTIFICATE OF ANALYSIS VA20217285** 

Page: 3 - B Total # Pages: 3 (A - D) Plus Appendix Pages Finalized Date: 17-OCT-2020 Account: PREBOW

Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
S030989		5.89	17.15	0.10	0.8	0.043	3.48	13.4	43.0	2.11	1230	2.79	2.49	11.5	12.0	2220
S030990		4.29	11.75	0.09	1.3	0.034	2.57	12.8	9.5	0.36	215	4.54	0.19	5.1	12.6	1220
S030991		4.08	15.15	0.08	1.1	0.033	4.48	14.4	16.3	1.49	765	2.80	2.93	10.2	10.3	1680
S030992		5.11	16.75	0.10	1.0	0.040	3.25	14.5	25.7	1.93	1020	3.15	3.44	10.1	11.7	1890
S030993		5.80	17.25	0.10	1.7	0.069	2.12	12.2	34.3	2.04	1160	1.96	3.86	10.8	11.4	2080
S030994		6.86	17.10	0.09	0.7	0.094	1.07	9.8	54.2	3.03	1620	1.63	3.58	9.4	11.0	2170
S030995		5.52	17.20	0.10	0.7	0.061	3.02	10.6	34.9	2.14	1280	1.91	3.09	10.7	10.2	2080
S030996		5.50	17.80	0.09	0.6	0.061	3.29	9.7	43.5	2.23	1350	1.26	2.99	10.7	8.3	2060
S030997		6.58	16.95	0.10	1.0	0.080	2.78	11.2	28.2	2.37	1580	3.50	2.54	9.8	8.9	2250
S030998		7.57	18.25	0.10	0.8	0.090	2.93	10.6	40.7	2.40	1520	2.18	2.50	10.1	9.5	2420



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(763									C	ERTIFIC	CATE O	F ANA	LYSIS	VA202	17285	
Sample Description	Method	ME-MS61														
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	%	ppm	ppm							
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$030989		12.2	96.6	0.012	2.09	7.42	25.7	3	1.0	355	0.57	0.26	2.00	0.478	0.91	0.8
\$030990		46.7	114.5	<0.002	3.91	33.0	12.7	5	1.6	130.5	0.28	0.24	2.46	0.285	1.89	1.0
\$030991		7.1	114.5	0.006	1.56	5.88	15.2	3	0.7	368	0.50	0.10	2.45	0.363	0.99	1.1
\$030992		7.6	83.2	0.005	1.92	6.91	21.2	3	0.9	482	0.52	0.14	2.10	0.463	0.71	1.0
\$030993		10.5	59.9	0.007	2.42	8.26	28.0	4	1.2	411	0.58	0.32	1.94	0.548	0.49	0.8
\$030994		12.3	29.7	0.009	2.07	7.38	36.4	3	1.3	386	0.46	0.30	0.99	0.620	0.30	0.4
\$030995		10.3	72.6	0.009	1.52	7.81	27.2	3	0.9	408	0.57	0.23	1.41	0.495	0.69	0.5
\$030996		9.9	82.7	0.004	1.18	6.73	29.5	2	1.1	469	0.55	0.12	1.31	0.518	0.76	0.6
\$030997		11.4	67.9	0.008	2.63	10.30	34.7	4	1.4	475	0.48	0.20	1.36	0.531	0.66	0.6
\$030998		21.9	72.4	0.015	3.03	10.95	41.6	5	1.5	578	0.49	0.24	1.18	0.592	0.71	0.5



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**CERTIFICATE OF ANALYSIS VA20217285** 

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	Method	ME-MS61 V	ME-MS61 W	ME-MS61	ME-MS61 Zn	ME-MS61 Zr	pXRF-34 Si	pXRF-34 Ti	pXRF-34 Zr
	Analyte								
Sample Description	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5
S030989		296	1.3	19.3	119	21.5	21.7	0.6	68
S030990		132	2.0	8.4	186	61.9	33.0	0.4	80
S030991		165	1.2	19.5	45	40.5	25.1	0.5	92
S030992		223	1.1	21.8	80	34.6	22.5	0.5	94
S030993		283	1.3	22.3	91	21.0	22.7	0.6	78
S030994		359	1.2	20.8	120	19.1	21.0	0.6	62
S030995		269	1.3	19.3	86	20.1	21.8	0.5	74
S030996		291	1.4	19.0	102	19.8	21.3	0.6	65
S030997		315	1.0	21.7	94	27.5	22.1	0.5	72
S030998		369	3.8	21.9	90	20.7	21.8	0.6	58



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Project: Bowser Regional Project

**CERTIFICATE OF ANALYSIS VA20217285** 

		CERTIFICATE CO	MMENTS	
		ANAL	YTICAL COMMENTS	
Applies to Method:	REEs may not be totally s ME-MS61	coluble in this method.		
		LABOR	RATORY ADDRESSES	
		ver located at 2103 Dollarton Hwy, N		
Applies to Method:	Au-AA23 LOG-21d PUL-32md	BAG-01 LOG-23 PUL-QC	CRU-31 ME-MS61 pXRF-34	LOG-21 PUL-32m SPL-21
	SPL-21d	WEI-21		



ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: +1 604 984 0221 Fax: +1 604 984 0218

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> 27-JAN-2021 Account: PREBOW

## VA20217292

Project: Bowser Regional Project

P.O. No.: BOW-1140

This report is for 77 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 28-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA
LEANNE HAWKINS COREY JAMES JULIANNE MADSEN
STEPHAINE WAFFORN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
PUL-32md	Pulverize 500g-DUP -85%<75um	
LOG-21	Sample logging - ClientBarCode	
CRU-31	Fine crushing - 70% <2mm	
PUL-QC	Pulverizing QC Test	
SPL-21	Split sample - riffle splitter	
PUL-32m	Pulverize 500g - 85%<75um	
BAG-01	Bulk Master for Storage	
LOG-23	Pulp Login - Rcvd with Barcode	
LOG-21d	Sample logging - ClientBarCode Dup	
SPL-21d	Split sample - duplicate	

	ANALYTICAL PROCEDURE	:S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20217292

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									CERTIFICATE OF ANALETSIS			_ 1 3 1 3	V/120217232			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031101		6.60	<0.005	0.18	7.91	20.1	3360	0.85	0.06	3.04	0.12	15.45	16.7	18	1.43	112.0
\$031102		6.34	0.005	0.23	8.02	22.2	1970	0.99	0.06	4.66	0.03	13.65	21.5	11	1.01	161.5
\$031103		6.50	<0.005	0.16	7.62	17.5	1260	0.93	0.04	6.10	0.03	17.60	20.9	16	0.81	104.5
\$031104		6.20	<0.005	0.12	7.80	18.2	1560	0.90	0.03	5.61	0.02	15.75	17.7	15	0.95	115.5
\$031105		6.70	0.005	0.10	7.54	20.5	2030	0.77	0.03	5.21	0.03	17.55	20.9	12	1.21	109.0
\$031106		6.70	0.005	0.13	7.65	22.2	1780	0.75	0.04	5.74	0.05	17.90	20.6	13	0.85	138.5
\$031106CD		<0.02	<0.005	0.08	7.74	25.9	1840	0.83	0.04	5.76	0.05	19.85	23.3	12	0.91	104.0
\$031107		6.50	0.005	0.12	7.65	23.3	2030	0.76	0.03	4.54	0.04	16.55	21.2	11	1.10	117.5
\$031108		6.48	0.006	0.14	7.35	22.0	2240	0.79	0.03	4.10	0.05	14.40	19.4	12	1.03	123.0
\$031109		6.10	<0.005	0.12	7.61	25.0	2030	0.75	0.04	4.29	0.02	15.50	19.0	14	1.01	98.5
\$031110		0.16	1.265	28.0	5.82	393	1140	1.17	0.88	0.63	1.69	30.9	12.7	18	8.03	110.5
\$031111		6.62	0.005	0.15	8.05	24.2	1450	0.94	0.04	5.53	0.03	16.50	20.0	9	0.98	88.9
\$031112		6.74	0.012	0.15	7.91	19.3	1170	0.79	0.03	5.56	0.06	17.45	19.3	9	0.93	94.0
\$031113		6.76	<0.005	0.15	8.14	21.7	1190	0.80	0.03	5.49	0.07	20.1	22.0	9	1.07	95.1
\$031114		6.08	<0.005	0.20	7.70	23.6	2150	0.90	0.02	4.13	0.03	16.90	18.5	11	1.24	112.0
\$031115		6.74	<0.005	0.36	7.19	25.3	2240	0.73	0.02	4.82	0.13	16.55	16.3	13	1.75	107.5
\$031116		6.36	0.005	0.24	7.50	26.3	3140	0.86	0.03	3.22	0.02	16.70	16.3	14	1.47	135.0
\$031117		5.30	<0.005	0.15	7.61	28.4	1950	0.92	0.03	4.46	0.03	15.95	24.4	8	1.30	78.2
\$031118		6.20	<0.005	0.27	7.70	29.6	1400	1.01	0.04	6.12	0.02	19.10	20.5	8	0.77	144.0
\$031119		6.12	<0.005	0.10	7.45	20.9	2840	0.80	0.03	3.73	0.02	17.50	14.1	20	1.06	52.7
\$031120		1.06	<0.005	0.02	0.09	0.8	30	0.06	0.01	31.2	0.05	0.92	0.6	1	0.05	4.7
\$031121		6.02	<0.005	0.20	7.87	15.1	1950	0.82	0.04	3.85	0.04	13.35	14.0	8	0.87	144.5
\$031122		6.58	<0.005	0.06	7.78	6.4	1780	0.82	0.01	4.93	0.03	15.35	13.4	8	0.88	47.2
\$031123		6.60	<0.005	0.03	7.80	9.5	1720	0.80	0.01	5.29	<0.02	17.55	14.5	8	1.08	9.4
\$031124		6.28	<0.005	0.25	7.80	21.5	1790	0.99	0.02	5.29	0.04	19.40	20.8	8	0.97	174.5
\$031125 \$031126 \$031126CD \$031127 \$031128		6.46 6.06 <0.02 6.48 6.82	<0.005 <0.005 <0.005 0.020 <0.005	0.19 2.90 1.76 0.16 0.14	7.76 7.45 7.23 7.77 7.54	103.5 31.0 26.0 29.9 21.1	3320 3640 3370 2970 2140	0.96 0.62 0.67 0.84 0.82	0.02 0.02 0.02 0.02 0.02 0.01	4.12 3.60 3.81 4.87 5.53	0.03 0.09 0.09 0.02 0.06	17.75 16.60 16.30 16.30 16.30	20.4 12.0 12.0 16.4 16.8	21 22 17 18 10	1.71 2.25 2.11 1.32 0.92	114.5 112.5 109.0 92.2 95.6
\$031129 \$031130 \$031131 \$031132 \$031133		6.10 0.16 6.28 6.36 4.84	<0.005 1.160 <0.005 <0.005 <0.005	0.10 12.75 0.17 0.49 0.26	7.95 6.05 7.93 7.10 7.65	24.7 343 25.0 29.6 17.9	2230 520 2370 2350 3000	0.92 0.99 0.73 0.95 0.99	0.01 0.16 0.01 0.01 0.01	5.64 3.68 5.13 5.76 2.67	0.03 4.24 0.03 0.03 0.03	16.65 22.7 15.75 17.75 16.05	19.3 10.2 19.4 13.9 12.5	10 28 9 9	1.23 6.55 1.62 5.67 2.88	57.3 86.3 56.9 126.0 120.0
\$031134		5.26	<0.005	0.09	7.69	12.2	2750	0.80	0.01	2.98	0.04	14.05	13.1	9	2.31	67.8
\$031135		3.72	<0.005	0.16	7.80	17.4	2060	0.85	0.01	4.50	0.05	18.40	17.9	10	2.10	109.5
\$031136		3.62	<0.005	0.32	7.24	61.9	1830	1.21	0.03	3.73	0.08	18.70	19.5	26	8.38	95.0
\$031137		3.46	<0.005	0.38	6.71	42.8	1790	1.11	0.04	7.88	0.24	19.85	9.6	13	7.34	56.5
\$031138		2.88	<0.005	0.34	7.87	36.8	1710	0.94	0.03	6.08	0.20	19.35	19.0	12	3.35	65.1



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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CERTIFICATE OF ANALYSIS VA20217292

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									CERTIFICATE OF ANALTSIS			_ 1	VAZUZITZIZ			
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031101		4.72	16.05	0.09	1.3	0.041	4.68	7.4	15.4	1.67	871	0.84	2.68	7.9	8.7	2000
\$031102		6.79	17.90	0.08	1.2	0.061	2.71	6.6	24.3	2.48	1320	0.52	2.69	6.9	6.5	2180
\$031103		7.46	18.25	0.09	1.2	0.090	2.63	8.5	20.5	2.78	1510	0.47	2.05	6.7	7.3	2280
\$031104		6.36	18.55	0.09	1.0	0.063	2.61	7.5	23.1	2.30	1370	0.47	2.49	6.7	6.1	2080
\$031105		6.71	16.15	0.10	1.1	0.058	3.28	7.9	23.6	2.48	1520	0.46	2.20	6.9	6.6	2270
\$031106 \$031106CD \$031107 \$031108 \$031109		6.61 6.51 6.49 5.82 5.72	16.05 16.40 17.00 16.00 17.40	0.09 0.10 0.08 0.09 0.11	1.2 1.2 1.2 1.1	0.062 0.068 0.070 0.051 0.049	3.10 3.20 3.21 3.54 3.48	8.5 9.2 7.4 6.5 7.1	20.1 19.8 21.1 21.8 21.1	2.49 2.41 2.29 2.04 1.81	1600 1580 1340 1240 1170	0.38 0.51 0.53 0.47 0.82	2.22 2.21 2.63 2.68 2.79	7.0 7.2 7.5 7.3 8.1	6.5 6.7 6.9 6.7 7.4	2400 2390 2260 2120 2160
\$031110 \$031111 \$031112 \$031113 \$031114		4.31 6.21 6.55 6.98 6.19	13.10 17.95 17.05 17.60 16.55	0.10 0.11 0.09 0.09 0.11	1.0 1.2 1.1 1.1	0.037 0.069 0.072 0.066 0.051	2.66 2.38 1.93 1.94 3.56	14.0 7.5 8.1 9.4 7.8	10.5 20.9 22.4 26.0 27.1	0.35 2.14 2.66 2.84 2.35	222 1380 1490 1580 1330	5.09 0.35 0.25 0.35 0.53	0.19 2.98 3.00 3.06 2.58	5.6 7.2 6.5 6.9 7.2	13.3 5.4 5.8 6.1 7.2	1280 2110 2260 2340 2270
\$031115		5.49	15.15	0.10	0.9	0.051	3.82	7.9	18.0	1.95	1160	0.57	2.21	6.8	7.5	2000
\$031116		4.63	17.30	0.12	1.3	0.043	4.78	7.4	21.1	1.61	940	1.31	2.58	8.8	8.0	2270
\$031117		6.73	17.75	0.11	1.2	0.068	3.08	7.0	28.7	2.46	1460	0.35	2.52	6.5	6.1	2160
\$031118		6.94	19.60	0.11	1.3	0.073	2.69	8.8	26.3	2.29	1540	0.29	2.10	6.6	6.2	2200
\$031119		3.98	15.05	0.12	1.2	0.041	5.22	7.4	9.4	1.27	853	0.95	2.42	8.1	7.4	2130
\$031120		0.15	0.33	0.08	0.1	<0.005	0.03	1.1	1.2	3.72	153	0.07	0.04	0.1	0.8	80
\$031121		5.11	17.35	0.09	1.1	0.055	3.14	5.8	26.1	1.68	961	0.30	3.18	7.1	5.2	1890
\$031122		6.27	18.25	0.09	1.1	0.059	2.99	6.9	31.6	2.54	1300	0.22	2.37	6.7	5.2	2070
\$031123		6.10	16.90	0.07	1.1	0.056	2.92	8.0	31.2	2.67	1360	0.22	2.28	6.6	5.3	2120
\$031124		6.65	18.30	0.10	1.2	0.077	2.88	8.5	25.2	2.29	1360	0.49	2.49	7.2	6.5	2200
S031125		5.33	18.45	0.14	1.3	0.057	4.59	8.3	20.2	1.62	1020	0.68	2.34	8.8	7.2	2180
S031126		3.65	13.60	0.15	1.1	0.035	5.80	7.6	10.1	1.08	641	0.86	2.20	8.6	7.3	1920
S031126CD		3.60	13.15	0.14	1.0	0.031	5.54	7.4	10.2	1.11	682	0.91	2.31	8.6	7.1	1910
S031127		4.81	17.05	0.11	1.3	0.042	4.41	7.3	12.9	1.37	979	5.33	2.51	8.4	7.3	2070
S031128		6.53	16.15	0.11	1.3	0.060	3.01	7.4	19.3	1.71	1380	0.40	2.36	6.5	5.0	2030
\$031129 \$031130 \$031131 \$031132 \$031133		6.09 3.92 6.69 3.85 4.04	15.90 13.65 16.35 15.20 17.00	0.11 0.09 0.10 0.11 0.12	1.3 1.1 1.2 1.1	0.062 0.048 0.062 0.049 0.032	2.95 3.93 3.15 4.53 4.44	7.7 10.3 7.3 8.6 7.2	24.4 13.1 24.1 25.2 23.3	1.84 0.54 2.05 1.46 1.63	1300 1420 1300 998 679	0.54 10.15 0.31 1.26 1.87	2.43 0.21 2.42 1.29 2.50	6.8 5.1 6.7 7.8 9.5	5.1 19.6 5.3 5.6 6.3	2090 920 2110 1730 1940
\$031134		4.41	15.00	0.11	1.0	0.037	4.13	6.4	23.6	2.02	802	0.26	2.57	7.9	5.2	1920
\$031135		5.46	17.65	0.13	1.1	0.054	2.95	8.8	30.2	2.62	1160	0.22	2.71	7.5	6.4	1940
\$031136		3.47	16.25	0.11	1.3	0.019	3.92	9.0	34.4	1.59	822	21.0	1.17	7.2	13.9	1390
\$031137		2.95	12.95	0.13	2.1	0.024	3.84	10.2	26.9	1.31	1680	1.36	0.66	6.2	8.0	1230
\$031138		5.61	15.80	0.10	1.3	0.072	2.77	9.1	34.7	1.94	1570	2.07	2.28	6.6	8.2	1750



To: PRETIVM
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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	17292	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$031101 \$031102 \$031103 \$031104 \$031105		2.5 1.8 2.2 1.9 1.7	81.8 47.3 47.1 46.4 58.6	0.003 <0.002 0.002 <0.002 0.002	0.06 0.03 0.02 0.02 0.03	4.44 8.47 11.95 11.20 9.03	17.1 29.4 40.0 30.0 36.6	1 1 <1 <1 1	0.8 0.9 1.0 0.9 0.8	380 476 473 608 639	0.46 0.39 0.35 0.34 0.34	<0.05 <0.05 <0.05 <0.05 <0.05	1.49 1.06 1.25 1.11 1.15	0.446 0.556 0.560 0.523 0.571	1.41 0.83 0.81 0.76 0.99	0.7 0.6 0.6 0.5 0.6
S031106 S031106CD S031107 S031108 S031109		1.5 1.5 1.6 2.0 2.2	57.2 63.6 52.4 50.6 54.9	<0.002 <0.002 0.003 <0.002 0.002	0.04 0.04 0.03 0.03 0.06	10.30 10.30 7.75 6.87 7.12	38.2 38.3 31.7 27.3 24.8	<1 <1 <1 <1 <1	0.8 0.9 0.9 0.8 0.9	689 668 660 594 579	0.37 0.41 0.40 0.39 0.43	<0.05 <0.05 <0.05 <0.05 <0.05	1.19 1.31 1.14 1.10 1.28	0.577 0.563 0.556 0.504 0.511	0.87 0.87 0.92 1.05 0.97	0.6 0.7 0.6 0.5 0.7
\$031110 \$031111 \$031112 \$031113 \$031114		45.9 2.1 1.5 1.5	116.0 41.8 35.1 39.2 59.5	<0.002 <0.002 <0.002 <0.002 0.002	4.09 0.06 0.14 0.14 0.02	33.2 11.00 8.90 9.18 6.46	14.1 32.4 39.1 43.5 29.8	5 1 <1 <1 1	1.9 0.9 0.9 0.9 0.9	138.0 809 686 645 539	0.29 0.39 0.33 0.34 0.40	0.30 <0.05 <0.05 <0.05 <0.05	2.93 1.13 1.05 1.23 1.24	0.297 0.562 0.586 0.603 0.540	2.15 0.76 0.61 0.63 1.16	0.9 0.6 0.5 0.6 0.6
\$031115 \$031116 \$031117 \$031118 \$031119		2.2 2.1 1.6 3.2 2.4	73.6 80.1 55.0 48.8 91.4	0.003 0.002 <0.002 <0.002 0.003	0.03 0.03 0.01 0.16 0.06	7.07 6.37 8.88 13.60 5.29	22.8 16.5 34.7 37.8 12.7	1 1 <1 <1 1	0.8 0.9 0.9 1.0 0.8	558 403 497 557 301	0.36 0.47 0.34 0.31 0.44	<0.05 <0.05 <0.05 0.07 <0.05	1.33 1.46 0.89 1.07 1.28	0.430 0.446 0.560 0.575 0.412	1.18 1.54 1.06 0.78 1.57	0.6 0.8 0.5 0.6
\$031120 \$031121 \$031122 \$031123 \$031124		0.5 1.9 1.6 0.9 2.1	0.7 46.9 48.8 58.2 54.3	<0.002 <0.002 <0.002 <0.002 0.002	<0.01 0.02 0.01 0.01 0.08	0.17 7.17 9.13 8.52 11.15	0.3 19.2 31.6 35.3 37.4	<1 <1 1 <1	<0.2 0.8 0.9 0.9 1.1	74.4 448 540 576 548	<0.05 0.40 0.33 0.32 0.36	<0.05 <0.05 <0.05 <0.05 0.07	0.07 0.91 0.83 1.02 1.13	0.008 0.506 0.564 0.572 0.573	0.02 0.99 0.92 0.86 1.00	0.1 0.5 0.5 0.5 0.6
\$031125 \$031126 \$031126CD \$031127 \$031128		1.7 5.9 3.9 2.2 2.1	84.5 96.3 106.5 73.8 56.2	0.002 0.007 0.008 0.032 0.002	0.04 0.15 0.12 0.15 0.14	8.07 16.95 11.15 8.80 11.55	21.6 13.3 12.8 19.7 33.6	1 2 1 <1 1	1.1 0.8 0.7 0.9 0.9	490 455 462 426 547	0.47 0.47 0.47 0.44 0.33	0.07 <0.05 <0.05 <0.05 <0.05	1.36 1.53 1.51 1.38 0.94	0.505 0.375 0.383 0.502 0.569	1.29 1.80 1.70 1.38 0.82	0.6 0.7 0.6 0.6 0.5
\$031129 \$031130 \$031131 \$031132 \$031133		1.9 144.5 3.3 2.8 1.8	56.9 144.5 57.5 110.5 78.3	<0.002 0.010 <0.002 0.003 0.002	0.13 2.90 0.17 0.17 0.11	10.40 18.45 11.00 4.13 2.91	32.3 10.6 32.0 17.8 15.6	1 3 1 1	0.9 1.6 0.9 0.9 1.0	545 195.5 520 242 368	0.34 0.25 0.35 0.43 0.52	0.05 0.32 <0.05 <0.05 <0.05	1.06 2.88 0.96 1.26 1.15	0.589 0.258 0.587 0.408 0.460	0.75 2.98 0.98 1.52 1.34	0.5 1.5 0.5 0.5 0.5
\$031134 \$031135 \$031136 \$031137 \$031138		2.0 2.6 5.9 12.9 9.0	74.1 61.6 114.0 149.0 83.7	<0.002 0.002 0.007 0.004 <0.002	0.02 0.04 0.13 0.18 0.28	2.00 2.30 4.26 4.45 4.02	20.7 29.2 14.0 12.8 27.2	1 1 2 1 1	0.7 0.8 0.5 0.5	375 372 217 207 388	0.42 0.38 0.40 0.39 0.40	<0.05 <0.05 0.06 <0.05 <0.05	1.06 1.04 1.94 2.39 1.41	0.473 0.521 0.338 0.319 0.615	1.29 0.91 1.35 1.54 1.03	0.5 0.5 0.9 1.2 0.6



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(ALS	,								CERTIFICATE OF ANALYSIS VA20217292
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	4 pXRF-34
	Analyte	V	W	Y	Zn	Zr	Si	Ti	Zr
	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5
\$031101 \$031102 \$031103 \$031104 \$031105		221 318 338 296 328	0.6 0.6 0.6 0.5	13.7 15.1 20.4 16.3 20.1	57 68 71 56 58	36.9 32.0 34.4 30.2 30.4	22.9 20.3 20.3 20.5 20.6	0.6 0.5 0.5 0.5 0.6	85 67 58 70 71
S031106		337	0.5	21.2	52	31.8	21.7	0.6	68
S031106CD		322	0.6	24.3	49	33.6	22.0	0.6	70
S031107		316	0.5	18.0	49	32.6	21.9	0.6	74
S031108		273	0.4	15.7	47	30.6	21.9	0.5	75
S031109		270	0.4	15.2	42	34.0	20.9	0.6	80
\$031110		138	2.3	8.4	199	34.3	30.5	0.4	83
\$031111		297	0.5	20.0	41	33.6	21.1	0.6	70
\$031112		319	0.4	22.0	48	38.9	21.3	0.6	65
\$031113		330	0.4	24.5	52	29.2	20.1	0.6	71
\$031114		280	0.5	19.5	51	32.1	21.0	0.6	76
\$031115		219	4.4	16.1	50	24.0	19.7	0.5	81
\$031116		205	0.5	15.7	37	39.1	22.4	0.5	96
\$031117		292	0.5	20.2	60	33.3	20.3	0.5	62
\$031118		297	0.7	23.5	58	35.9	18.4	0.5	72
\$031119		169	0.5	16.0	28	35.6	23.9	0.5	112
\$031120		2	0.1	2.0	51	2.0	4.7	<0.1	<5
\$031121		222	0.5	15.5	42	27.0	21.7	0.5	87
\$031122		281	0.6	20.5	53	28.4	20.5	0.6	78
\$031123		285	0.6	23.1	53	26.4	20.3	0.5	69
\$031124		296	0.6	24.6	54	34.0	20.8	0.6	78
\$031125		240	0.8	18.2	39	37.8	21.6	0.6	91
\$031126		158	0.6	14.6	28	30.3	22.9	0.5	90
\$031126CD		157	0.6	14.7	27	29.4	23.3	0.5	94
\$031127		230	0.7	16.9	36	39.4	22.6	0.6	96
\$031128		289	0.7	21.0	57	35.5	20.7	0.6	67
\$031129		293	0.7	21.6	51	38.3	20.4	0.6	79
\$031130		109	6.1	8.2	495	37.8	23.8	0.4	80
\$031131		294	0.7	20.5	47	32.2	19.0	0.6	72
\$031132		177	2.2	15.7	26	32.7	20.5	0.5	85
\$031133		174	0.7	17.6	28	35.5	23.0	0.6	116
\$031134		208	0.7	15.1	35	30.3	23.9	0.5	79
\$031135		242	0.8	18.8	50	30.1	21.0	0.5	74
\$031136		144	1.3	14.0	37	39.4	24.1	0.4	102
\$031137		130	3.4	21.8	42	68.5	21.2	0.4	92
\$031138		268	2.2	23.2	71	33.3	20.2	0.6	75



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(ALS	,								С		CATE O	F ANAI	LYSIS	VA202	17292	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031139		3.98	<0.005	0.48	7.44	33.0	1720	0.85	0.03	7.76	2.31	17.90	16.2	10	2.89	81.1
\$031140		1.12	<0.005	0.01	0.08	1.4	20	0.08	0.01	33.0	0.02	0.97	0.7	1	0.06	1.7
\$031141		4.56	<0.005	0.15	7.59	16.5	1800	0.75	0.02	5.39	1.03	15.45	12.0	9	3.12	29.5
\$031142		5.26	<0.005	0.19	8.00	30.8	2050	0.83	0.02	4.30	0.16	15.95	14.9	11	2.96	56.7
\$031143		5.28	<0.005	0.08	7.81	19.6	1840	0.92	0.02	5.26	0.06	16.00	18.7	13	3.06	27.5
S031144		5.88	<0.005	0.26	7.89	35.9	2620	1.47	0.02	2.99	0.06	17.30	17.4	25	5.63	101.0
S031145		5.00	<0.005	0.18	7.76	34.4	2290	0.97	0.03	2.90	0.06	17.35	15.8	26	2.73	89.7
S031146		6.02	<0.005	0.28	7.65	20.3	1860	0.83	0.02	4.97	0.10	18.60	19.3	20	1.96	85.4
S031146CD		<0.02	<0.005	0.27	8.12	19.2	2130	0.90	0.03	5.11	0.11	18.45	19.9	21	2.12	89.6
S031147		6.30	<0.005	0.24	7.91	26.9	1880	0.88	0.01	4.41	0.16	14.90	23.6	20	2.30	61.4
\$031148		5.62	<0.005	0.18	7.66	24.4	2210	0.68	0.02	6.13	0.09	14.40	18.6	16	1.65	40.0
\$031149		5.98	<0.005	0.13	7.72	24.2	2230	0.83	0.02	5.08	0.07	16.30	25.8	24	2.47	78.2
\$031150		0.18	5.79	84.0	6.30	300	1290	1.06	1.29	1.96	23.5	26.7	10.6	22	7.81	114.5
\$031151		6.24	<0.005	0.13	7.69	25.2	1980	0.85	0.03	4.81	0.10	15.65	25.3	26	1.87	36.2
\$031152		5.32	<0.005	0.13	7.88	13.0	1840	0.88	0.02	3.43	0.10	13.60	24.9	27	1.81	85.1
\$031153		5.70	<0.005	0.13	6.78	16.1	1930	0.85	0.02	5.28	0.11	18.85	28.0	26	2.13	79.2
\$031154		6.08	<0.005	0.15	6.67	31.9	1520	0.77	0.03	7.54	0.08	18.50	24.9	27	2.32	73.9
\$031155		6.72	0.006	0.22	6.31	106.5	1390	0.68	0.02	9.14	0.07	18.05	26.9	24	2.42	69.3
\$031156		6.38	<0.005	0.61	7.40	70.8	2650	1.02	0.04	4.27	0.12	13.20	22.1	22	4.34	83.7
\$031157		6.14	<0.005	0.13	7.53	29.5	1920	0.87	0.03	4.71	0.10	16.15	21.8	23	2.28	50.4
\$031158		6.10	0.013	0.26	7.23	117.5	2360	0.75	0.04	6.85	0.16	17.80	30.8	22	1.99	118.5
\$031159		5.98	<0.005	0.11	7.34	35.6	2650	0.80	0.03	5.95	0.08	17.75	19.5	23	2.54	39.2
\$031160		0.96	<0.005	0.01	0.11	0.6	30	0.08	0.02	30.6	<0.02	0.91	0.7	1	<0.05	2.3
\$031161		6.74	0.009	0.19	6.69	76.3	2010	0.94	0.05	8.00	0.08	18.85	19.7	30	2.50	78.1
\$031162		6.66	<0.005	0.21	7.17	13.0	2680	0.89	0.10	5.98	0.07	17.70	13.5	29	1.64	12.5
S031163		6.32	<0.005	0.18	7.27	18.1	2660	0.74	0.14	4.76	0.14	17.45	21.2	31	1.41	44.7
S031164		5.68	<0.005	0.13	6.67	18.2	1810	0.73	0.09	3.00	0.10	12.40	12.7	30	0.85	40.4
S031165		6.90	<0.005	0.11	6.90	13.4	2040	0.81	0.09	3.78	0.12	13.45	9.9	30	1.16	41.1
S031166		5.86	0.005	0.22	7.22	45.7	2570	0.80	0.16	4.72	0.15	17.05	25.5	27	1.44	52.0
S031166CD		<0.02	0.007	0.19	7.27	47.7	2550	0.89	0.17	4.78	0.17	17.65	26.3	26	1.51	58.2
\$031167		6.42	<0.005	0.11	7.13	34.4	1900	1.20	0.08	4.19	0.12	17.35	24.3	29	1.32	63.3
\$031168		5.70	<0.005	0.11	7.81	22.6	2190	1.01	0.08	0.84	0.06	15.05	9.3	32	1.55	53.1
\$031169		6.26	<0.005	0.06	7.54	22.4	1740	0.84	0.07	1.82	0.07	13.85	10.5	31	1.03	29.3
\$031170		0.16	1.330	27.9	5.80	396	1010	1.23	0.95	0.63	1.75	28.0	12.9	18	8.18	108.5
\$031171		6.44	<0.005	0.10	7.16	43.0	2310	0.83	0.06	5.02	0.17	19.10	25.6	29	1.16	47.0
\$031172		4.58	<0.005	0.12	7.39	60.6	2210	0.81	0.05	3.82	0.04	17.80	21.7	27	1.34	48.2
\$031173		4.16	0.018	0.16	7.79	664	1900	0.90	0.25	3.48	0.04	15.80	58.8	27	1.21	89.0



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

CERTIFICATE OF ANALYSIS VA20217292

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										CERTIFICATE OF ANALESIS VALUE 1723				,		
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031139 \$031140 \$031141 \$031142 \$031143 \$031144		5.61 0.11 4.83 5.02 5.58 4.38	14.00 0.28 14.45 14.45 16.15	0.12 0.10 0.12 0.12 0.10	1.6 <0.1 1.1 1.0 1.0	0.082 <0.005 0.051 0.059 0.078	3.08 0.02 3.24 3.71 3.24 4.93	8.4 1.1 6.7 7.1 7.0	28.0 1.2 31.1 31.7 31.7 28.2	1.66 2.22 1.89 1.71 2.12	1790 136 1370 1300 1680	1.88 <0.05 1.06 0.31 0.26	2.09 0.03 2.16 2.47 2.30	5.5 0.1 6.8 6.4 6.3	7.0 0.7 6.3 6.4 7.5	1550 80 1650 1690 1750
S031145		4.67	15.70	0.12	1.2	0.039	3.99	8.0	27.9	1.68	973	1.35	2.30	7.1	14.4	1640
S031146		5.32	14.80	0.11	1.1	0.050	2.98	9.0	31.4	2.05	1360	0.46	2.54	7.8	11.4	2020
S031146CD		5.70	15.60	0.13	1.1	0.049	3.22	9.1	31.8	2.15	1420	0.51	2.71	8.2	11.7	2070
S031147		5.77	16.20	0.10	1.1	0.057	2.83	6.7	31.5	2.02	1320	0.38	2.94	7.6	11.7	1910
\$031148		5.22	14.40	0.13	1.0	0.039	2.82	6.8	36.7	1.97	1810	0.25	2.57	6.5	9.5	1680
\$031149		7.03	15.10	0.10	1.1	0.062	2.92	7.5	36.6	2.54	1610	0.43	2.12	6.2	12.5	1890
\$031150		4.65	12.40	0.12	1.4	1.380	3.67	13.8	12.8	0.48	1190	9.41	0.23	5.3	15.6	960
\$031151		6.57	15.80	0.10	1.2	0.065	2.77	6.9	37.9	2.94	1560	0.43	2.47	6.4	12.1	1900
\$031152		7.28	16.85	0.09	1.2	0.058	2.25	5.9	49.1	3.46	1540	0.36	2.83	6.9	13.5	1970
\$031153 \$031154 \$031155 \$031156 \$031157		7.84 6.77 6.64 5.50 6.14	14.45 15.65 13.60 15.50 15.20	0.10 0.09 0.09 0.10 0.11	1.2 1.6 1.4 1.1	0.070 0.068 0.060 0.051 0.061	2.61 2.05 2.00 4.08 3.12	8.7 8.6 8.4 5.8 7.8	37.9 38.5 32.8 35.5 33.8	3.80 2.84 2.33 1.99 2.58	2000 2160 2410 1520 1800	0.45 0.38 0.38 0.47 0.28	1.53 1.66 1.72 1.64 2.12	6.5 6.3 5.7 6.4 6.7	13.1 12.6 12.8 12.6 11.5	2240 2130 1800 1620 1790
\$031158		6.38	13.90	0.09	1.1	0.069	3.57	8.8	31.9	2.17	1980	0.30	1.59	6.1	10.6	1660
\$031159		5.58	13.65	0.10	1.1	0.066	3.73	8.7	28.7	2.23	2030	0.32	1.79	6.6	9.9	1900
\$031160		0.17	0.31	0.09	<0.1	0.005	0.03	1.0	1.7	3.96	179	0.07	0.04	0.1	0.7	90
\$031161		6.77	14.95	0.08	1.4	0.076	2.95	8.9	32.8	3.10	2410	0.32	1.16	6.4	12.2	2110
\$031162		6.53	13.55	0.09	1.2	0.057	4.11	8.5	23.0	3.15	2320	0.36	1.64	6.6	12.7	2030
S031163		6.54	14.45	0.09	1.2	0.050	3.80	7.9	22.8	2.90	2120	0.90	2.22	7.2	16.6	2000
S031164		3.68	12.80	0.09	0.9	0.031	3.17	5.9	16.0	1.57	1200	0.59	2.93	4.7	9.9	1000
S031165		4.82	13.20	0.09	1.0	0.049	3.27	6.4	20.8	2.01	1610	0.54	2.65	6.0	10.0	1430
S031166		6.37	14.05	0.09	1.1	0.067	3.80	8.2	26.2	2.45	1810	0.39	2.08	7.4	11.8	1880
S031166CD		6.52	14.90	0.11	1.2	0.075	3.77	8.5	27.3	2.47	1800	0.42	2.10	7.7	12.8	1890
S031167		6.37	16.25	0.08	1.1	0.089	2.76	8.1	27.6	2.72	1820	0.65	2.33	6.4	12.7	1690
S031168		3.20	15.90	0.12	1.0	0.023	3.61	6.9	20.0	1.24	608	7.78	3.13	4.7	11.9	730
S031169		3.32	14.75	0.13	0.9	0.029	3.29	6.4	15.3	1.61	895	1.01	3.38	4.5	10.2	780
S031170		4.25	12.00	0.11	1.1	0.036	2.64	13.5	10.2	0.35	218	4.61	0.19	5.3	13.6	1250
S031171		7.01	15.90	0.13	1.2	0.068	3.19	9.2	24.0	3.05	1990	0.92	2.41	7.1	14.3	2010
S031172		7.90	15.00	0.14	1.2	0.067	3.14	8.9	28.7	2.86	1520	0.44	2.58	8.2	14.0	2060
S031173		7.27	15.95	0.11	1.1	0.054	2.22	7.6	43.5	3.29	1450	0.38	3.24	8.7	13.2	2250



To: PRETIVM
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CERTIFICATE OF ANALYSIS VA20217292

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											CAILO	1 /11//1	_ 1 313	VAZUZ	.17232	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
S031139 S031140		55.0 <0.5	80.5 0.6	0.002 <0.002	0.51 <0.01	5.18 0.07	24.1 0.2	<1 1	0.8 <0.2	374 79.4	0.33 <0.05	0.05 <0.05	1.37 0.07	0.531 0.006	1.07 0.03	0.7 0.2
S031141 S031142		12.5 7.5	81.4 83.0	<0.002 <0.002	0.06	2.08 3.31	16.4 22.0	<1 1	0.8	329 380	0.47	<0.05 <0.05	1.42 1.15	0.451 0.541	1.12 1.23	0.6 0.5
S031143		2.5	75.4	0.002	0.11	3.87	24.2	<1	0.9	374	0.38	<0.05	1.01	0.559	1.07	0.5
S031144 S031145		5.7 3.6	124.0 86.4	0.005	0.63 0.41	7.36 5.40	16.5 19.2	1	0.8	312 377	0.38	<0.05 <0.05	1.97 1.78	0.401 0.448	2.08 1.78	0.9 0.8
S031146 S031146CD S031147		4.7 5.3 9.4	69.7 75.9 55.1	<0.002 0.003 <0.002	0.29 0.35 0.20	4.11 4.17 3.19	23.6 25.3 25.9	<1 1 1	0.7 0.7 0.8	372 418 395	0.47 0.50 0.46	<0.05 <0.05 <0.05	1.57 1.62 1.15	0.498 0.530 0.551	1.18 1.25 1.10	0.7 0.7 0.6
S031148 S031149		4.9 5.2	69.2 69.0	<0.002 <0.002	0.18 0.59	3.18 6.45	26.1 34.2	1 1	0.6 0.7	395 360	0.37 0.37	<0.05 <0.05	1.16 1.09	0.508 0.588	1.00	0.5 0.5
S031150 S031151		8530 11.2	154.0 61.4	0.006 0.002	3.03 0.13	73.6 5.51	11.3 35.5	2 1	3.9 0.8	146.5 343	0.35	0.30 <0.05	4.12 1.02	0.254 0.582	3.34 1.06	2.3 0.5
S031152 S031153		7.7 8.6	36.8 68.7	<0.002	0.45	6.35	34.1 48.6	1	0.7	384 295	0.42	0.05	0.85 1.34	0.612 0.572	1.08	0.5
S031154 S031155		6.0 6.3	58.5 56.0	<0.002 <0.002	0.68 1.05	9.13 8.78	48.4 37.8	1 1	0.8 0.7	344 349	0.37 0.35	0.06 0.06	1.38 1.25	0.566 0.513	1.08 0.84	0.6 0.7
S031156 S031157		8.6 7.4	90.2 78.1	<0.002 <0.002	0.31 0.11	7.12 5.46	24.8 32.6	1 1	0.7 0.7	432 435	0.40 0.39	<0.05 <0.05	1.07 1.24	0.513 0.496	1.84 1.31	0.6 0.6
S031158 S031159		13.0 7.4	97.0 95.3	<0.002 <0.002	1.36 0.22	8.06 5.39	31.8 38.3	1	0.7 0.8	558 413	0.36 0.41	0.10 <0.05	1.40 1.29	0.469 0.492	1.61 1.51	0.6 0.6
S031160 S031161 S031162		0.7 7.2 10.0	0.7 81.5 98.5	<0.002 <0.002 <0.002	<0.01 0.55 0.02	0.14 17.50 9.26	0.4 45.9 36.7	1 <1 1	<0.2 0.7 0.8	75.2 398 373	<0.05 0.38 0.37	<0.05 0.10 0.27	0.08 1.55 1.36	0.008 0.539 0.513	0.03 1.23 1.51	0.2 0.7 0.7
S031163 S031164		15.4 11.2	88.5 63.9	0.002 <0.002	0.03 0.05	3.23 2.29	35.0 14.7	1 <1	0.6 0.6	335 289	0.42 0.30	0.46 0.28	1.26 1.23	0.530 0.320	1.43 1.15	0.6 0.7
S031165 S031166		10.9 14.4	67.6 96.9	<0.002 <0.002	0.11 1.47	3.41 7.34	24.0 36.8	1	0.6 0.9	301 364	0.36 0.42	0.18 0.43	1.41 1.44	0.393 0.489	1.19 1.37	0.7 0.7
S031166CD S031167		16.4 9.9	98.2	<0.002	0.56	8.10 5.23	36.8	1	0.9	370 320	0.42	0.46	1.52	0.478	1.42	0.7
S031168 S031169		7.9 6.2	91.5 74.8	0.006 <0.002	0.42 0.10	5.55 2.83	12.1 13.2	1 <1	0.6 0.6	365 301	0.30 0.30	0.10 0.09	1.75 1.68	0.276 0.285	1.28 1.16	1.0 0.9
S031170 S031171		52.4 5.8	124.0 81.8	<0.002 0.003	4.04 0.25	34.5 6.85	13.8 43.4	5 <1	1.7 0.8	138.0 361	0.32 0.42	0.28 0.12	2.93 1.40	0.292 0.516	2.39 1.04	1.1 0.8
S031172 S031173		8.9 4.5	83.7 46.4	<0.002 <0.002	2.04 1.23	9.11 10.70	39.1 37.9	1 1	0.6 0.6	400 432	0.51 0.52	0.13 1.41	1.31 1.14	0.508 0.554	1.25 0.90	0.7 0.6



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(ALS									CERTIFICATE OF ANALYSIS VA20217292	
	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34	
	Analyte	V	W	Υ	Zn	Zr	Si	Ti	Zr	
Commis Description	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5	
S031139		229	3.8	20.8	298	52.5	19.3	0.5	76	
S031140		2	<0.1	2.1	4	1.5	3.5	<0.1	8	
S031141		175	4.0	16.9	149	30.6	22.4	0.5	109	
S031142		221	4.1	15.6	66	26.6	22.1	0.5	81	
S031143		244	1.9	17.9	69	28.1	20.0	0.5	82	
S031144		174	7.4	13.5	49	32.6	23.7	0.5	104	
S031145		207	2.2	13.0	57	33.4	23.7	0.5	93	
S031146		261	1.5	16.6	67	29.5	21.6	0.4	72	
S031146CD		279	1.6	17.3	70	29.8	21.2	0.5	78	
S031147		289	2.3	14.1	83	29.8	21.3	0.5	62	
S031148		263	5.3	15.6	73	26.6	19.0	0.6	67	
S031149		335	2.3	16.9	98	29.6	19.8	0.6	55	
S031150		124	4.5	8.8	1880	43.2	28.9	0.3	79	
S031151		325	1.2	17.2	97	31.3	20.4	0.5	63	
S031152		341	1.0	15.5	93	33.1	20.5	0.5	65	
S031153		370	8.0	20.0	109	32.9	19.4	0.5	60	
S031154		360	1.9	18.5	86	37.8	17.2	0.5	53	
S031155		294	2.3	23.5	84	42.9	17.2	0.5	57	
S031156		257	1.9	13.7	83	27.7	20.7	0.6	77	
S031157		295	8.0	15.2	104	27.0	20.0	0.5	64	
S031158		275	3.5	16.6	101	30.0	18.0	0.5	57	
S031159		295	2.5	16.9	90	27.2	18.6	0.5	56	
S031160		4	0.1	1.9	5	1.9	4.5	<0.1	9	
S031161		358	1.5	19.7	85	37.5	18.2	0.5	57	
S031162		311	0.6	17.4	98	35.3	22.2	0.6	58	
S031163		308	0.8	17.8	121	30.8	21.1	0.5	62	
S031164		164	8.0	9.0	74	22.6	25.3	0.4	76	
S031165		229	1.0	11.8	91	26.6	23.8	0.4	72	
S031166		288	0.9	16.6	103	28.6	21.2	0.5	57	
S031166CD		291	1.0	17.4	108	29.8	21.3	0.5	64	
S031167		309	1.3	15.2	103	28.8	21.8	0.5	63	
S031168		124	8.0	8.5	39	27.9	27.7	0.3	81	
S031169		131	0.7	8.3	45	24.1	28.1	0.3	81	
S031170		136	2.6	8.1	193	36.5	32.3	0.4	79	
S031171		338	1.0	18.0	91	30.6	22.2	0.5	67	
S031172		309	1.0	17.9	59	32.1	20.6	0.5	56	
S031173		338	1.0	15.8	56	28.9	20.8	0.5	58	
1										



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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Project: Bowser Regional Project

CERTIFICATE OF ANALYSIS VA20217292

	Т												
	CERTIFICATE C	COMMENTS											
	AN	ALYTICAL COMMENTS											
Applies to Method:	REEs may not be totally soluble in this method.  ME-MS61												
	LABORATORY ADDRESSES												
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.												
Applies to Method:	Au-AA23 LOG-21d PUL-32md PUL-QC SPL-21d WEI-21	CRU-31  ME-MS61  pXRF-34	LOG-21 PUL-32m SPL-21										



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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SUITE 2300, FOUR BENTALL CENTRE
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> 27-JAN-2021 Account: PREBOW

## VA20220041

Project: Bowser Regional Project

P.O. No.: BOW-1143

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 30-SEP-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA
LEANNE HAWKINS COREY JAMES JULIANNE MADSEN
STEPHAINE WAFFORN

SAMPLE PREPARATION								
ALS CODE	DESCRIPTION							
WEI-21	Received Sample Weight							
PUL-32md	Pulverize 500g-DUP -85%<75um							
LOG-21	Sample logging - ClientBarCode							
CRU-31	Fine crushing - 70% <2mm							
CRU-QC	Crushing QC Test							
PUL-QC	Pulverizing QC Test							
SPL-21	Split sample - riffle splitter							
PUL-32m	Pulverize 500g - 85%<75um							
BAG-01	Bulk Master for Storage							
LOG-23	Pulp Login - Rcvd with Barcode							
LOG-21d	Sample logging - ClientBarCode Dup							
SPL-21d	Split sample - duplicate							

ANALYTICAL PROCEDURES										
ALS CODE	DESCRIPTION	INSTRUMENT								
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF								
Au-AA23	Au 30g FA-AA finish	AAS								
ME-MS61	48 element four acid ICP-MS									

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Comments: Due to sample matrix, sample SO31263, SO31271, and SO31279 cannot be analyzed by pXRF-34 method.

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

Page: 2 - A
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Plus Appendix Pages
Finalized Date: 17-OCT-2020
Account: PREBOW

Project: Bowser Regional Project

(ALS	,								CERTIFICATE OF ANALYSIS				VA20220041			
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031201		4.00	0.006	0.27	7.60	7.6	820	1.06	0.06	1.67	0.34	22.8	17.2	173	4.05	92.7
\$031202		5.70	0.006	0.44	7.17	7.8	900	1.04	0.07	1.97	0.61	23.7	18.2	159	3.19	191.5
\$031203		6.08	0.005	0.40	7.44	9.8	1420	0.88	0.06	1.81	0.44	19.25	18.4	192	2.99	85.5
\$031204		5.88	0.007	0.32	7.66	14.6	1700	1.10	0.05	1.66	0.49	20.0	16.4	178	4.60	78.5
\$031205		5.86	0.010	0.30	7.50	25.6	860	1.10	0.05	1.94	1.16	15.00	15.6	132	4.80	59.2
\$031206		6.38	0.064	0.97	7.64	36.9	400	1.99	0.14	2.94	1.25	33.9	24.1	36	5.96	198.0
\$031206CD		<0.02	0.061	0.96	7.76	36.9	420	1.94	0.14	2.96	1.26	34.0	23.7	34	5.82	198.5
\$031207		5.78	0.018	0.54	7.66	17.7	1200	1.17	0.06	2.03	0.61	29.9	14.0	39	4.81	85.4
\$031208		5.68	0.016	0.79	7.11	19.8	1270	1.25	0.06	2.52	0.92	19.35	14.6	41	5.10	85.4
\$031209		6.36	0.071	0.42	7.29	14.3	1150	1.31	0.04	2.01	0.53	17.60	8.2	47	6.29	23.0
\$031210		0.18	1.055	12.65	6.02	327	600	1.08	0.19	3.65	4.48	23.3	10.4	27	6.53	82.4
\$031211		6.28	0.112	0.28	7.34	18.3	960	1.09	0.04	1.79	0.70	20.3	7.1	46	5.62	7.0
\$031212		5.92	1.040	0.67	6.86	14.7	1090	1.09	0.05	2.00	0.26	16.30	4.9	41	6.39	6.8
\$031213		5.38	1.920	0.97	6.56	100.0	1220	1.03	0.09	2.63	1.19	16.55	6.9	34	5.58	9.3
\$031214		6.64	0.249	0.44	6.82	40.3	1710	1.01	0.08	2.53	1.18	10.60	5.2	39	5.99	6.5
\$031215		5.88	0.315	0.66	6.45	69.7	500	1.04	0.05	3.39	1.08	15.95	9.5	40	6.70	27.7
\$031216		6.24	0.128	1.08	7.38	18.4	520	1.17	0.08	3.03	0.63	22.6	17.0	67	5.83	75.2
\$031217		6.54	0.046	1.49	6.91	11.8	410	1.20	0.08	3.43	0.69	27.0	23.0	38	7.23	186.0
\$031218		6.96	0.191	0.28	6.57	9.0	660	0.76	0.03	2.66	0.19	13.60	6.1	39	4.80	16.0
\$031219		6.26	0.596	0.42	6.96	18.7	1800	0.77	0.04	2.01	1.69	16.95	5.3	39	4.98	11.9
\$031220 \$031221 \$031222 \$031222 \$031223 \$031224		0.84 5.62 7.58 6.10 5.32	<0.005 0.240 0.039 0.149 0.195	0.03 0.26 0.61 0.78 0.96	0.17 6.84 7.39 7.02 6.91	0.4 10.1 9.5 19.9 22.5	30 1380 1600 770 230	0.05 0.62 0.84 1.21 1.15	0.01 0.04 0.03 0.05 0.10	30.8 2.44 2.15 3.86 3.61	0.02 0.28 0.26 0.34 0.22	1.19 10.90 17.05 26.6 28.2	1.1 4.3 12.5 8.2 21.0	4 32 35 30 38	0.06 4.67 5.56 7.07 5.86	2.1 5.7 128.0 144.5 158.0
\$031225		6.92	0.264	0.94	7.82	6.7	1030	1.25	0.08	2.23	0.15	24.0	19.9	45	4.44	165.0
\$031226		7.22	0.048	0.55	7.65	7.5	1220	1.05	0.04	2.27	0.71	20.3	13.7	36	4.80	73.1
\$031226CD		<0.02	0.060	0.57	7.23	7.7	1160	1.05	0.04	2.21	0.69	20.4	14.1	37	4.70	77.1
\$031227		4.22	0.081	0.48	7.45	7.8	1270	0.85	0.03	1.51	1.10	12.70	7.0	30	4.86	10.4
\$031228		5.18	0.287	1.85	7.49	8.7	940	0.90	0.04	2.25	1.00	23.6	16.1	60	4.43	63.8
\$031229		7.56	0.109	0.78	7.06	9.7	1030	0.84	0.03	2.45	1.32	13.90	14.3	39	4.54	72.8
\$031230		0.18	5.43	77.9	6.03	288	1070	0.97	1.13	1.93	21.9	25.2	10.6	22	7.27	111.5
\$031231		6.60	0.045	0.60	7.85	8.9	2300	1.18	0.04	2.18	1.24	27.2	10.0	46	4.81	58.8
\$031232		6.46	0.120	0.87	7.23	8.8	200	1.52	0.08	2.31	0.57	36.8	27.4	38	4.65	154.0
\$031233		7.00	0.130	0.52	7.62	7.9	850	1.22	0.05	2.22	0.77	32.6	18.3	39	5.16	111.0
\$031234		6.22	0.216	0.61	7.43	11.7	630	1.11	0.08	2.71	1.11	33.8	14.1	66	5.33	75.8
\$031235		5.64	0.135	0.70	6.77	11.9	980	1.47	0.07	2.16	0.96	26.4	8.3	19	7.61	72.1
\$031236		6.44	0.084	0.91	7.22	9.4	660	1.42	0.17	2.91	1.99	29.1	15.0	30	5.48	70.7
\$031237		5.22	0.520	1.36	7.84	16.1	790	1.41	0.08	2.87	0.56	27.7	21.0	30	5.78	126.0
\$031238		7.32	0.160	0.67	8.02	7.8	1430	1.58	0.05	2.20	0.71	20.4	10.8	33	5.83	61.6

Comments: Due to sample matrix, sample SO31263, SO31271, and SO31279 cannot be analyzed by pXRF-34 method.



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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Project: Bowser Regional Project

(ALS	,								CERTIFICATE OF ANALYSIS					VA20220041		
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031201		4.52	17.15	0.16	0.7	0.050	2.48	10.8	25.0	2.08	1120	0.71	3.04	6.0	93.2	920
\$031202		4.13	16.55	0.17	0.9	0.050	1.91	10.6	27.2	2.19	1320	0.71	3.04	5.6	99.9	900
\$031203		4.37	16.45	0.13	0.9	0.077	1.84	8.1	28.6	2.39	1320	0.72	3.43	5.5	100.5	910
\$031204		3.92	16.90	0.16	1.6	0.088	2.70	9.1	26.2	1.91	962	19.20	2.96	5.1	97.1	830
\$031205		3.60	18.65	0.16	1.4	0.102	1.76	5.8	29.8	1.85	923	1.45	3.53	5.5	67.4	840
\$031206		4.93	21.7	0.21	1.7	0.061	3.79	14.3	23.3	1.54	1120	4.99	2.13	6.9	32.2	1660
\$031206CD		4.94	21.0	0.20	1.7	0.056	3.74	15.3	22.2	1.53	1130	5.27	2.13	6.5	30.6	1660
\$031207		3.66	20.9	0.19	1.3	0.053	2.78	13.4	16.1	1.26	1160	1.55	2.77	6.2	23.4	980
\$031208		3.54	19.50	0.19	1.2	0.070	2.88	7.9	14.9	1.24	1090	3.02	2.23	5.7	18.4	660
\$031209		2.55	18.05	0.18	0.9	0.045	2.83	7.5	11.8	0.87	611	5.99	2.13	4.5	14.4	550
\$031210		3.84	13.20	0.14	1.1	0.054	3.83	11.8	12.6	0.54	1390	9.89	0.21	5.0	19.9	930
\$031211		2.37	16.65	0.19	1.0	0.077	2.66	9.0	5.3	0.53	403	5.22	2.41	4.0	14.4	550
\$031212		1.83	16.20	0.18	0.8	0.066	2.62	7.3	4.7	0.41	432	16.50	1.92	2.8	12.4	540
\$031213		2.56	15.70	0.18	0.9	0.071	2.93	7.1	5.4	0.42	499	30.7	1.98	3.0	18.9	670
\$031214		1.87	14.70	0.17	0.8	0.042	3.33	4.7	8.0	0.52	473	13.40	2.10	2.8	16.2	510
\$031215		2.96	14.90	0.20	0.8	0.061	3.38	7.5	9.6	0.52	553	8.93	1.71	2.7	19.2	530
\$031216		3.76	18.45	0.22	1.2	0.038	3.34	10.9	20.7	1.24	688	4.98	2.00	4.4	43.6	850
\$031217		3.90	18.55	0.20	1.1	0.041	3.14	11.7	16.7	0.98	830	6.80	2.11	4.0	29.4	990
\$031218		2.41	13.75	0.16	0.6	0.046	2.24	6.0	11.6	0.68	558	1.97	2.71	2.7	12.0	490
\$031219		2.41	15.25	0.16	0.8	0.052	2.44	7.2	11.7	0.66	495	5.26	2.86	3.4	9.6	520
\$031220 \$031221 \$031222 \$031222 \$031223 \$031224		0.21 2.02 2.63 3.22 5.21	0.54 13.85 17.40 18.75 19.35	0.20 0.20 0.18 0.18 0.17	<0.1 0.7 1.2 1.1 1.7	0.013 0.042 0.042 0.041 0.024	0.03 2.42 2.80 2.60 3.32	1.2 4.6 7.5 13.9 13.2	1.4 9.3 14.2 19.1 23.1	2.85 0.57 0.80 1.13 1.58	148 495 585 1010 1180	0.31 8.84 9.04 2.63 2.89	0.07 2.93 3.19 2.35 2.02	0.1 2.8 4.8 4.2 5.6	1.5 7.8 14.2 11.9 40.2	80 490 750 840 1220
S031225		5.00	20.2	0.17	1.6	0.028	1.89	10.3	24.2	1.85	1030	2.91	3.44	6.1	49.1	1390
S031226		3.03	17.80	0.16	1.2	0.042	2.22	9.2	17.4	1.11	761	6.67	3.37	4.5	25.5	930
S031226CD		2.90	18.00	0.16	1.2	0.044	2.14	8.9	17.5	1.07	726	6.70	3.23	4.6	27.0	890
S031227		1.87	15.50	0.17	0.7	0.045	2.45	6.2	10.4	0.55	483	9.15	3.33	2.7	7.6	500
S031228		2.63	16.75	0.19	0.9	0.055	1.97	9.4	14.5	0.83	762	17.25	3.43	5.2	11.0	710
\$031229		2.71	14.90	0.15	0.9	0.047	2.08	6.0	14.6	0.91	829	9.09	3.09	4.1	10.9	660
\$031230		4.53	12.65	0.14	1.2	1.295	3.53	12.6	12.1	0.46	1150	9.43	0.22	5.2	15.1	930
\$031231		2.85	19.35	0.16	1.7	0.037	3.27	12.9	18.0	1.21	951	3.91	2.95	5.5	25.0	910
\$031232		5.97	20.4	0.19	1.6	0.029	3.03	16.5	23.1	1.84	1200	3.53	1.94	5.5	50.4	1760
\$031233		4.12	19.00	0.18	1.6	0.046	3.34	15.5	20.9	1.58	1030	2.28	2.43	6.2	26.2	1240
\$031234		4.55	18.50	0.20	1.4	0.037	2.67	15.7	17.7	1.26	896	1.88	2.71	6.9	20.7	970
\$031235		1.81	16.55	0.18	2.5	0.045	3.28	13.4	11.9	0.78	670	4.84	1.73	9.8	9.1	450
\$031236		3.11	18.75	0.18	1.3	0.051	2.11	14.2	22.8	1.33	1020	7.18	3.04	5.7	18.4	1180
\$031237		4.73	20.5	0.19	1.4	0.044	3.26	13.1	21.7	1.49	924	3.20	2.52	5.9	22.3	1240
\$031238		3.03	21.1	0.20	1.3	0.037	3.39	8.9	21.7	1.42	750	1.73	2.75	5.7	17.7	940

Comments: Due to sample matrix, sample SO31263, SO31271, and SO31279 cannot be analyzed by pXRF-34 method.



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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**CERTIFICATE OF ANALYSIS VA20220041** 

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Project: Bowser Regional Project

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031201		33.9	55.4	<0.002	2.58	1.14	13.4	10	1.1	454	0.35	<0.05	2.10	0.355	1.88	0.7
\$031202		39.2	56.4	<0.002	2.38	1.23	13.4	11	1.1	427	0.33	<0.05	2.36	0.340	1.48	0.7
\$031203		40.6	42.1	0.003	2.37	1.14	12.5	10	1.4	482	0.34	<0.05	1.93	0.361	1.43	0.8
\$031204		42.3	73.8	0.027	2.09	1.61	12.7	12	2.0	510	0.31	<0.05	2.14	0.330	2.01	2.6
\$031205		39.6	53.8	0.008	1.85	1.80	12.2	13	3.4	438	0.34	<0.05	2.22	0.344	1.58	1.4
S031206 S031206CD S031207 S031208 S031209		32.1 31.2 44.8 36.3 38.6	102.0 102.0 83.9 82.3 102.5	0.047 0.051 0.006 0.011 0.019	3.48 3.52 1.20 1.17 0.72	3.72 3.64 3.77 4.06 2.53	14.5 14.3 13.8 11.6 8.2	12 12 10 12 7	1.7 1.7 2.0 2.8 2.2	441 444 391 386 293	0.43 0.44 0.38 0.36 0.29	<0.05 0.05 <0.05 <0.05 <0.05	3.63 3.75 3.28 2.44 2.22	0.359 0.357 0.364 0.342 0.267	3.07 3.00 2.24 2.26 2.37	1.6 1.6 1.2 1.1
\$031210		143.0	157.5	0.011	2.81	18.10	10.7	2	1.5	188.0	0.28	0.31	2.92	0.248	3.15	1.7
\$031211		26.9	90.3	0.013	0.93	2.47	7.4	7	2.3	236	0.28	<0.05	2.48	0.259	1.85	2.3
\$031212		25.3	94.8	0.020	0.78	2.62	5.6	5	2.1	228	0.19	<0.05	1.70	0.176	1.90	2.0
\$031213		53.8	96.2	0.038	2.14	2.33	6.7	9	1.7	307	0.20	<0.05	1.74	0.195	2.01	1.7
\$031214		52.8	102.5	0.014	1.50	2.23	5.2	6	1.6	317	0.18	<0.05	1.39	0.174	2.35	1.1
\$031215		59.8	104.0	0.010	2.78	2.83	5.5	17	1.7	289	0.18	0.05	1.43	0.171	2.42	1.0
\$031216		57.2	110.0	0.009	2.83	2.64	10.3	14	1.3	337	0.27	<0.05	2.44	0.261	2.37	1.4
\$031217		60.0	94.6	0.013	3.04	2.81	9.3	15	1.2	355	0.27	<0.05	2.53	0.247	2.22	1.3
\$031218		24.3	70.6	0.003	1.63	1.58	4.9	11	1.3	350	0.18	<0.05	1.46	0.172	1.52	1.0
\$031219		48.7	75.3	0.016	1.29	1.56	6.1	9	1.8	286	0.24	<0.05	1.87	0.226	1.64	1.6
\$031220		1.0	0.9	<0.002	<0.01	0.14	0.5	1	<0.2	71.4	<0.05	<0.05	0.07	0.013	<0.02	0.1
\$031221		27.8	74.5	0.011	1.12	1.49	5.0	7	1.4	287	0.20	<0.05	1.62	0.185	1.57	1.0
\$031222		32.2	74.3	0.015	1.74	1.75	8.7	13	1.6	329	0.30	<0.05	2.42	0.275	1.89	1.4
\$031223		26.2	80.0	0.003	2.02	2.82	8.5	11	1.3	379	0.25	<0.05	2.08	0.236	1.75	1.5
\$031224		26.9	78.0	0.010	3.53	2.25	13.2	17	1.0	420	0.33	<0.05	2.73	0.335	2.01	1.8
S031225		18.8	53.7	0.017	2.99	1.79	16.9	12	1.1	414	0.37	<0.05	3.66	0.387	1.33	1.6
S031226		34.2	70.4	0.015	1.51	2.32	10.5	8	1.5	408	0.29	<0.05	2.57	0.279	1.41	1.6
S031226CD		32.7	68.1	0.013	1.48	2.17	10.5	8	1.4	395	0.26	<0.05	2.50	0.264	1.42	1.5
S031227		53.5	80.7	0.037	0.62	1.55	5.1	3	1.5	289	0.19	<0.05	1.65	0.167	1.55	1.3
S031228		47.8	73.7	0.082	1.09	1.72	9.1	9	2.2	408	0.34	<0.05	2.95	0.342	1.34	1.6
\$031229		44.7	65.2	0.024	1.16	1.57	7.6	7	1.9	384	0.28	<0.05	2.22	0.271	1.41	1.1
\$031230		8320	146.5	0.005	2.92	69.3	11.3	3	3.8	136.5	0.32	0.28	3.28	0.240	2.89	1.9
\$031231		56.5	89.4	0.013	1.29	1.90	13.3	3	1.6	528	0.34	<0.05	3.22	0.358	1.89	2.6
\$031232		26.6	92.8	0.003	4.17	2.06	15.0	13	1.3	353	0.34	<0.05	3.42	0.327	1.79	2.5
\$031233		48.6	90.9	0.005	2.33	2.31	12.9	8	2.1	466	0.39	<0.05	3.22	0.376	2.03	2.2
\$031234		32.9	81.8	0.008	2.87	3.05	13.3	14	1.6	411	0.44	<0.05	3.76	0.472	1.69	1.9
\$031235		31.8	108.0	0.065	0.86	6.57	5.1	5	1.6	346	0.81	<0.05	9.36	0.189	2.04	3.9
\$031236		35.7	73.2	0.049	2.07	4.35	11.8	8	1.6	419	0.36	<0.05	3.23	0.326	1.38	1.4
\$031237		41.3	94.3	0.010	3.40	3.58	13.7	9	1.7	392	0.36	<0.05	3.30	0.364	1.98	1.4
\$031238		35.8	97.6	0.005	1.55	3.10	13.1	8	1.6	443	0.35	<0.05	2.62	0.361	2.02	1.2



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To: PRETIVM **SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET VANCOUVER BC V7X 1L4** 

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Project: Bowser Regional Project

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(									CI	ERTIFICATE OF ANALYSIS	VA20220041
	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34		
	Analyte	V	W	Υ	Zn	Zr	Si	Ti	Zr		
	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5		
S031201		130	2.6	12.6	111	23.4	23.2	0.4	125		
S031202		126	2.8	13.7	114	26.4	23.9	0.4	112		
S031203		133	3.0	9.2	131	27.3	23.6	0.4	103		
S031204		136	2.7	11.2	117	53.7	23.8	0.4	111		
S031205		134	3.1	10.0	147	45.2	24.6	0.4	126		
S031206		139	3.0	16.1	152	55.8	22.4	0.5	100		
S031206CD		140	3.1	16.1	154	51.4	21.9	0.4	109		
S031207		142	3.6	11.1	115	39.7	23.3	0.4	124		
S031208		122	6.7	8.5	125	36.8	23.9	0.4	141		
S031209		162	5.4	6.6	85	29.0	27.4	0.3	110		
S031210		107	4.9	8.4	480	37.7	26.0	0.4	79		
S031211		145	7.6	7.1	78	30.7	27.2	0.3	106		
S031212		68	3.2	6.0	41	27.4	28.8	0.2	84		
S031213		84	2.0	7.2	97	30.0	26.0	0.3	76		
S031214		66	1.9	5.5	104	24.2	27.4	0.3	78		
S031215		74	1.9	7.4	91	23.8	26.5	0.3	75		
S031216		110	2.4	9.7	94	38.0	25.8	0.3	85		
S031217		103	2.1	10.9	90	34.6	24.8	0.3	91		
S031218		68	1.5	6.0	54	20.7	28.4	0.3	76		
S031219		91	1.7	6.7	124	24.9	28.0	0.3	95		
S031220		4	<0.1	2.3	5	1.8	4.0	<0.1	8		
S031221		69	1.4	5.7	51	21.1	28.7	0.3	82		
S031222		96	2.0	8.4	64	38.1	26.3	0.4	117		
S031223		92	3.9	14.7	78	36.3	24.6	0.4	91		
S031224		137	4.0	14.3	96	57.1	21.9	0.4	103		
S031225		170	2.7	19.2	99	52.3	19.3	0.4	94		
S031226		108	2.0	10.5	117	40.2	26.1	0.3	97		
S031226CD		104	1.9	10.8	109	40.6	25.6	0.3	92		
S031227		64	1.4	5.6	121	24.2	29.3	0.2	85		
S031228		127	2.5	9.0	134	26.9	27.3	0.4	167		
S031229		101	2.1	7.6	157	24.1	26.3	0.3	145		
S031230		120	4.0	9.1	1790	40.9	27.1	0.4	78		
S031231		140	3.5	12.0	148	53.4	24.8	0.4	135		
S031232		161	16.8	17.6	121	55.0	23.3	0.4	83		
S031233		156	3.3	16.1	129	51.8	24.0	0.5	127		
S031234		176	3.9	13.8	131	41.0	23.0	0.5	232		
S031235		52	3.1	8.5	93	73.6	28.8	0.2	114		
S031236		101	2.4	12.6	153	40.3	26.1	0.4	105		
S031237		134	2.5	17.2	112	45.5	23.1	0.4	115		
S031238		127	2.6	11.2	101	40.2	24.1	0.5	145		



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Project: Bowser Regional Project

(ALS	,								С	ERTIFIC	CATE O	F ANAL	YSIS	VA202	20041	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031239		6.24	0.177	0.59	8.34	7.4	1830	1.38	0.05	1.95	1.72	20.4	11.6	39	4.75	82.8
\$031240		0.72	<0.005	0.01	0.11	0.6	20	0.05	0.01	32.1	0.02	1.18	0.9	1	0.07	2.1
\$031241		6.68	0.038	0.56	8.20	7.1	1290	1.55	0.08	4.09	0.31	39.1	16.2	30	4.35	99.8
\$031242		5.90	0.060	0.38	8.40	5.6	1580	1.43	0.08	2.62	0.33	27.4	12.7	38	5.81	57.7
\$031243		6.34	0.411	0.60	8.01	9.2	620	0.99	0.04	2.27	1.14	21.5	8.8	41	6.21	74.5
S031244		6.62	0.130	0.69	7.46	28.0	470	1.11	0.05	2.81	2.39	17.35	9.1	47	6.94	45.2
S031245		6.82	0.176	0.62	7.40	23.4	480	1.11	0.07	3.07	2.06	17.10	7.2	41	5.89	49.7
S031246		6.02	0.135	0.35	8.12	14.5	650	1.10	0.03	1.97	1.59	16.15	7.4	40	4.85	12.7
S031246CD		<0.02	0.118	0.35	8.09	13.3	630	1.01	0.03	1.91	1.56	15.65	7.1	39	4.69	12.2
S031247		5.76	0.048	0.49	7.50	11.3	820	1.11	0.06	2.51	0.22	19.05	11.7	37	4.23	28.2
\$031248		6.40	0.030	0.55	8.06	6.0	1190	1.27	0.05	2.48	0.33	27.5	17.1	31	4.60	110.5
\$031249		5.60	0.072	0.69	8.02	6.6	1420	1.53	0.05	3.46	0.58	34.5	17.5	29	4.57	148.5
\$031250		0.14	1.210	26.3	5.81	381	850	1.27	0.91	0.66	1.67	28.0	13.6	18	7.95	108.0
\$031251		5.52	0.204	0.66	7.89	8.9	780	0.98	0.03	2.72	0.96	20.3	8.6	35	5.31	85.8
\$031252		4.68	0.172	0.73	8.14	10.0	1140	1.15	0.03	2.35	0.50	24.2	10.6	32	6.79	89.0
\$031253		5.64	0.022	0.48	7.61	7.0	1070	1.22	0.05	3.51	0.13	30.7	16.1	28	4.52	146.5
\$031254		6.08	0.031	0.46	7.90	6.7	1540	1.20	0.05	1.95	3.48	23.6	14.3	32	4.03	113.5
\$031255		5.68	0.014	0.57	8.52	34.9	1170	1.41	0.06	1.46	0.56	25.8	13.8	31	6.24	78.3
\$031256		6.10	0.041	0.69	8.66	24.4	1130	1.79	0.05	2.87	0.95	32.7	10.4	31	10.65	66.9
\$031257		6.98	0.045	0.64	8.26	24.8	1150	1.48	0.08	2.89	1.25	28.1	10.3	45	7.41	51.3
\$031258		5.20	0.006	0.23	6.99	4.7	460	0.85	0.03	2.23	1.12	11.30	4.1	34	4.27	9.2
\$031259		6.02	0.016	0.55	7.48	8.0	990	0.90	0.03	1.75	0.66	15.25	6.1	24	4.37	11.0
\$031260		0.74	<0.005	0.02	0.10	0.5	20	0.06	0.01	32.3	0.02	1.12	0.9	2	<0.05	4.3
\$031261		5.34	0.034	0.41	7.18	6.2	650	0.85	0.03	1.95	0.73	18.95	6.1	28	4.11	17.6
\$031262		5.96	0.399	1.03	7.50	9.6	1620	1.15	0.05	2.36	27.9	24.5	8.2	28	4.72	56.7
S031263		4.98	0.621	0.95	7.77	5.9	830	1.48	0.08	2.52	0.22	29.2	12.6	32	3.99	138.0
S031264		5.86	0.777	0.77	8.50	6.2	1360	1.45	0.11	1.89	0.24	31.6	19.6	37	3.14	165.0
S031265		6.14	0.457	0.79	8.13	8.7	720	1.52	0.08	2.75	2.20	35.6	20.7	36	2.30	160.5
S031266		4.52	0.292	0.81	8.93	9.1	1070	1.51	0.09	1.73	2.22	38.0	19.3	40	2.49	153.0
S031266CD		<0.02	0.275	0.87	8.85	9.6	1130	1.65	0.09	1.71	2.09	38.1	19.5	42	2.55	149.5
\$031267		6.18	0.199	0.88	8.29	10.3	1140	1.28	0.14	2.06	11.40	28.0	21.0	105	1.89	162.5
\$031268		5.18	0.294	0.83	7.95	10.0	890	0.91	0.12	1.99	1.55	25.9	20.5	195	1.46	136.0
\$031269		6.18	0.132	0.74	7.82	9.9	1470	1.57	0.07	1.79	2.57	23.6	22.2	100	3.36	109.0
\$031270		0.18	1.100	10.85	6.08	321	1270	1.07	0.16	3.60	4.40	25.3	10.2	25	6.80	83.0
\$031271		5.48	0.065	0.81	7.62	18.5	250	1.08	0.13	1.99	5.48	20.1	20.9	190	3.22	82.1
\$031272		5.98	0.509	1.00	7.44	66.3	1100	1.27	0.07	6.41	0.57	31.6	16.7	144	7.96	56.2
\$031273		6.28	0.108	0.79	7.40	11.7	1350	0.92	0.09	2.08	0.19	15.45	20.4	183	4.98	85.8
\$031274		6.74	0.109	0.41	7.61	12.1	1030	0.92	0.11	2.25	0.12	14.00	18.6	172	3.01	45.7
\$031275		5.72	0.174	0.58	7.61	9.1	3290	1.17	0.06	2.06	0.12	17.00	19.1	174	3.43	79.7
\$031276		7.10	0.188	0.52	7.98	8.5	1000	1.32	0.04	2.17	0.12	17.90	22.4	188	2.54	72.2



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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031239		3.31	20.2	0.19	1.2	0.039	3.71	8.8	19.3	1.50	842	1.88	2.92	5.7	18.8	1060
\$031240		0.12	0.38	0.18	0.1	0.008	0.03	1.3	1.3	2.68	145	0.09	0.04	0.2	0.7	70
\$031241		4.18	21.0	0.21	1.1	0.047	3.13	17.6	16.9	1.38	1440	1.04	3.13	6.3	19.2	1780
\$031242		3.22	20.9	0.23	1.0	0.032	3.94	11.4	13.8	1.12	926	0.63	2.85	6.4	17.3	490
\$031243		3.31	17.15	0.21	1.1	0.037	2.25	10.3	14.6	1.00	776	2.44	3.45	5.2	14.1	310
S031244 S031245 S031246 S031246CD S031247		3.66 2.97 3.09 3.01 3.46	17.40 15.85 17.65 17.15 17.55	0.15 0.17 0.15 0.15 0.17	0.9 1.1 1.2 1.2	0.070 0.082 0.067 0.065 0.040	1.99 1.68 1.81 1.81 2.06	7.8 7.0 6.7 6.5 8.6	16.1 15.8 15.3 14.9 16.0	1.06 0.99 0.97 0.97 1.01	916 961 827 813 1060	12.05 42.6 4.53 4.53 1.57	3.08 3.28 3.93 3.91 3.46	4.9 4.6 4.9 4.6 4.6	13.6 13.4 15.1 14.0 14.4	450 570 550 540 550
\$031248		4.29	19.40	0.20	1.4	0.065	2.40	12.6	18.0	1.41	1250	1.42	3.57	5.8	20.6	1100
\$031249		4.12	20.5	0.20	1.1	0.050	2.92	16.9	18.8	1.47	1540	1.70	3.05	6.2	21.4	1960
\$031250		4.38	12.75	0.15	0.9	0.040	2.68	14.1	9.9	0.37	222	5.02	0.19	5.4	13.2	1290
\$031251		3.06	18.90	0.17	1.1	0.053	2.02	9.3	19.3	1.39	1120	1.25	3.62	5.6	15.9	630
\$031252		2.92	19.25	0.20	0.9	0.045	2.74	11.4	17.8	1.07	890	1.07	3.25	5.2	16.2	490
\$031253		4.34	18.75	0.21	1.1	0.027	2.46	14.3	18.7	1.38	1380	1.11	3.20	5.3	15.3	2280
\$031254		3.52	20.9	0.21	1.1	0.024	2.96	10.8	19.0	1.35	1100	1.05	3.20	6.0	18.5	650
\$031255		3.73	22.5	0.21	1.2	0.040	3.21	12.1	22.8	1.19	1000	0.69	2.50	5.5	15.1	380
\$031256		3.47	22.7	0.23	1.3	0.041	3.84	15.7	25.4	1.13	1430	1.17	1.22	5.9	14.8	530
\$031257		3.47	20.2	0.22	1.2	0.087	3.01	13.8	24.1	1.14	1000	1.88	2.35	5.1	18.7	730
\$031258		1.63	15.35	0.18	0.8	0.075	1.51	4.9	16.9	0.67	614	2.03	3.42	3.1	8.9	320
\$031259		1.98	15.45	0.18	0.8	0.056	2.09	7.4	15.4	0.56	561	3.22	3.66	2.9	10.8	460
\$031260		0.10	0.36	0.23	0.1	0.011	0.02	1.4	1.0	2.12	117	0.14	0.05	0.2	1.0	70
\$031261		2.21	15.25	0.27	0.9	0.075	1.59	7.9	13.8	0.64	787	4.69	3.75	3.5	10.0	620
\$031262		2.84	18.15	0.20	1.2	0.414	2.23	11.1	16.5	0.90	1110	5.07	3.61	4.1	12.8	810
\$031263		4.18	20.5	0.18	1.3	0.044	2.63	14.1	25.7	1.35	1300	10.65	3.43	5.6	20.6	1080
\$031264		4.55	20.8	0.19	1.1	0.059	2.36	15.6	25.9	1.68	1440	25.7	3.91	6.1	22.7	1040
\$031265		5.16	21.6	0.21	1.3	0.037	2.89	17.5	21.6	1.42	1560	17.05	3.71	5.9	27.9	1060
\$031266		4.70	21.2	0.20	1.5	0.025	3.26	19.0	21.5	1.57	1020	3.24	3.92	6.3	37.1	1080
\$031266CD		4.66	21.7	0.22	1.4	0.030	3.26	18.2	22.2	1.56	995	4.31	3.85	6.5	38.0	1070
\$031267		5.05	18.85	0.20	1.3	0.041	2.49	14.4	24.0	1.87	1270	8.27	3.62	5.8	75.8	1220
\$031268		5.19	17.95	0.17	1.3	0.044	2.04	13.6	28.3	2.16	1480	9.55	3.45	5.6	70.7	1010
\$031269		4.84	18.85	0.16	1.0	0.025	2.95	12.1	25.5	2.20	1210	4.51	2.44	5.6	123.0	1270
\$031270		3.82	13.25	0.17	1.1	0.053	3.83	13.4	12.8	0.54	1380	9.87	0.20	4.9	19.4	910
\$031271		4.43	17.00	0.11	1.0	0.039	2.19	9.4	27.7	2.25	1380	5.37	3.23	5.5	111.0	980
\$031272 \$031273 \$031274 \$031275 \$031276		3.94 4.30 3.98 4.16 4.81	17.40 16.10 15.75 16.60 18.85	0.12 0.11 0.11 0.11 0.11	0.9 0.9 1.0 1.0	0.022 0.033 0.039 0.047 0.049	2.96 2.75 2.09 1.91 1.86	15.9 6.9 6.7 8.0 8.6	22.0 26.3 23.8 28.9 29.8	1.88 2.26 2.12 2.35 2.58	1710 1160 1010 1060 1100	1.39 48.1 3.92 7.90 7.00	1.94 2.71 3.49 3.35 3.59	4.6 4.9 4.9 5.0 5.5	89.4 107.0 105.0 106.5 119.0	840 900 880 900 960



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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Project: Bowser Regional Project

(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	20041	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S031239		35.9	94.5	0.005	1.59	2.33	13.8	6	1.8	523	0.38	<0.05	3.10	0.379	2.00	1.4
S031240		1.0	0.9	<0.002	0.01	0.11	0.2	1	<0.2	80.4	<0.05	<0.05	0.08	0.007	0.02	0.1
S031241		18.5	92.6	<0.002	2.56	2.59	16.1	8	1.6	549	0.39	<0.05	4.28	0.384	1.80	1.6
S031242		24.7	118.0	0.004	2.05	2.54	14.8	5	1.5	517	0.39	<0.05	3.35	0.370	2.20	1.1
\$031244 \$031244 \$031245 \$031246 \$031246CD		55.0 76.8 69.8 41.4 39.4	79.6 72.8 68.6 64.8 66.9	0.042 0.076 0.626 0.025 0.035	1.90 2.11 1.45 1.37 1.31	2.18 2.57 2.40 1.62 1.54	9.2 8.9 9.3 9.0	12 11 5 5 4	1.3 2.2 2.4 2.5 2.4	374 354 382 398 393	0.34 0.29 0.31 0.31 0.30	<0.05 <0.05 <0.05 <0.05 <0.05	2.66 2.31 2.50 2.62 2.56	0.334 0.317 0.306 0.307 0.302	1.51 1.42 1.36 1.24 1.29	1.2 1.1 1.6 2.0 2.1
\$031247 \$031248 \$031249 \$031250 \$031251 \$031252		34.4 33.3 34.7 50.7 44.2 42.1	67.2 69.0 87.8 120.0 67.6 84.1	0.005 0.002 0.002 <0.002 0.003 <0.002	2.18 2.69 2.45 4.07 1.29 0.65	2.04 2.32 34.2 2.72 2.57	8.5 12.4 15.7 14.4 12.2 10.7	11 15 13 5 8 5	1.5 1.6 1.2 1.9 2.0 2.0	451 525 507 135.0 429 359	0.29 0.34 0.37 0.31 0.35 0.31	<0.05 <0.05 <0.05 0.28 <0.05 <0.05	2.42 3.05 3.29 2.60 2.49 2.13	0.283 0.361 0.353 0.286 0.335 0.321	1.37 1.54 1.87 2.19 1.48 1.87	2.5 1.6 1.1 1.0 1.2 1.1
S031253 S031254 S031255 S031256 S031257		23.9 42.9 47.2 47.6 36.4	67.8 79.5 107.0 124.0 110.5	0.002 <0.002 <0.002 <0.002 0.003 <0.002	2.60 1.84 1.36 0.85 1.56	3.07 3.11 4.27 3.97 3.14	13.9 13.5 13.6 14.5 13.0	14 9 13 7 8	1.1 1.2 1.5 1.9 2.5	412 458 276 233 309	0.31 0.35 0.34 0.35 0.33	<0.05 <0.05 <0.05 <0.05 <0.05	2.69 2.66 2.74 2.80 3.29	0.321 0.313 0.323 0.330 0.332 0.328	1.54 1.72 2.10 2.87 2.11	1.1 1.0 1.6 1.6 1.8
\$031258		28.5	66.1	0.002	0.24	2.16	5.7	1	1.8	302	0.22	<0.05	1.89	0.180	1.13	2.0
\$031259		44.6	68.5	0.008	0.47	2.18	5.6	2	1.7	291	0.20	<0.05	1.97	0.172	1.39	1.5
\$031260		0.7	0.5	<0.002	<0.01	0.10	0.2	1	<0.2	76.0	<0.05	<0.05	0.09	0.007	0.02	0.2
\$031261		28.2	56.2	0.017	0.55	2.20	7.1	2	1.9	300	0.22	<0.05	2.34	0.228	1.08	1.8
\$031262		26.1	71.5	0.028	1.53	2.36	9.4	4	2.3	377	0.27	<0.05	2.53	0.258	1.46	2.1
S031263		16.0	67.8	0.116	1.90	2.86	14.4	8	1.9	587	0.32	<0.05	2.70	0.354	1.77	1.5
S031264		16.7	61.4	0.339	1.96	2.81	15.6	4	2.0	485	0.35	<0.05	3.69	0.382	1.44	1.3
S031265		35.9	58.9	0.216	3.30	3.86	14.9	13	2.0	646	0.36	<0.05	3.23	0.374	1.70	1.5
S031266		24.3	76.1	0.026	2.90	3.28	17.3	14	2.0	669	0.39	<0.05	4.03	0.392	1.96	1.9
S031266CD		24.3	77.5	0.036	2.84	3.51	17.4	13	2.1	671	0.37	<0.05	3.94	0.391	2.04	1.8
\$031267		18.7	57.2	0.083	2.96	4.30	16.1	13	1.9	792	0.35	<0.05	2.98	0.377	1.43	1.6
\$031268		17.4	42.1	0.103	2.64	4.86	14.8	9	2.0	847	0.35	<0.05	2.69	0.409	1.13	2.4
\$031269		19.1	91.6	0.051	2.59	4.24	17.0	7	1.1	713	0.33	<0.05	2.52	0.369	2.28	1.2
\$031270		145.5	164.0	0.010	2.78	18.30	11.3	2	1.6	191.0	0.27	0.33	3.16	0.240	3.04	1.7
\$031271		28.4	60.0	0.066	2.39	4.10	14.6	10	1.6	744	0.32	<0.05	2.06	0.351	1.51	1.1
\$031272		24.7	119.5	0.009	2.34	4.37	17.3	13	1.0	311	0.26	0.11	1.94	0.304	2.22	1.1
\$031273		15.8	71.7	0.711	2.03	2.63	12.3	10	1.5	336	0.28	<0.05	1.65	0.331	1.92	0.8
\$031274		21.1	54.3	0.037	1.65	1.96	12.9	8	1.6	461	0.28	<0.05	1.85	0.328	1.41	0.8
\$031275		14.5	47.4	0.109	1.38	3.76	13.2	6	1.7	718	0.29	<0.05	1.72	0.338	1.39	1.0
\$031276		20.0	38.7	0.083	1.59	5.70	14.4	8	1.9	1025	0.31	<0.05	1.86	0.366	1.21	1.2



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Page: 3 - D Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 17-OCT-2020 Account: PREBOW

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Project: Bowser Regional Project

(ALS	,								
· /	<b>a</b> .								CERTIFICATE OF ANALYSIS VA20220041
Sample Description	Method Analyte Units	ME-MS61 V ppm	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61 Zr ppm	pXRF-34 Si %	pXRF-34 Ti %	Zr ppm
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5
S031239		121	2.3	12.0	144	39.0	24.3	0.5	125
S031240		2	0.1	2.3	4	1.9	3.5	<0.1	<5
S031241		119	2.9	20.8	81	32.9	20.8	0.4	102
S031242		130	3.4	12.9	79	29.9	24.0	0.4	124
S031243		100	3.4	9.6	126	32.8	25.7	0.3	145
S031244		114	3.7	8.9	217	28.5	25.2	0.3	132
S031245		109	3.4	8.9	204	32.4	24.3	0.3	125
S031246		108	2.6	8.7	136	38.8	25.4	0.3	115
S031246CD		107	2.7	8.4	136	36.9	25.3	0.3	123
S031247		109	1.7	9.3	75	37.2	23.9	0.3	124
S031248		116	2.5	13.3	93	45.2	23.2	0.4	131
S031249		141	2.2	19.9	104	38.5	21.9	0.4	106
S031250		139	2.4	8.5	195	31.2	31.2	0.4	82
S031251		110	1.8	10.6	133	34.6	24.4	0.4	122
S031252		100	2.5	9.9	101	30.9	24.5	0.4	113
S031253		133	3.8	14.4	92	34.3	22.2	0.4	102
S031254		107	2.2	11.0	354	38.0	24.5	0.4	131
S031255		99	2.7	9.6	89	38.7	24.2	0.4	124
S031256		101	3.1	14.9	132	38.3	24.2	0.4	148
S031257		112	3.0	12.9	199	37.3	24.8	0.4	117
S031258		97	1.8	5.9	168	22.5	28.6	0.2	75
S031259		65	1.5	7.8	113	25.5	28.0	0.2	79
S031260		1	<0.1	2.3	4	2.6	2.8	<0.1	9
S031261		83	2.5	9.5	111	28.7	28.0	0.3	102
S031262		98	2.1	12.8	1330	39.2	26.9	0.3	102
S031263		115	1.8	18.6	129	42.4			
S031264		133	1.5	16.1	130	35.2	24.0	0.4	117
S031265		135	1.5	19.2	227	40.2	22.3	0.4	109
S031266		123	1.4	22.1	267	45.6	23.2	0.4	120
S031266CD		124	1.3	22.1	257	45.8	23.3	0.4	121
S031267		145	1.1	17.8	518	38.9	23.9	0.4	127
S031268		167	1.5	15.8	240	40.7	24.0	0.4	171
S031269		164	1.1	16.9	263	33.5	23.5	0.4	105
S031270		106	6.1	9.0	470	36.9	26.4	0.4	82
S031271		141	1.2	14.4	467	31.2			
S031272		159	2.5	22.0	112	33.1	19.9	0.3	81
S031273		134	2.9	11.0	133	28.6	22.0	0.4	88
S031274		130	2.1	11.3	138	31.6	23.4	0.3	92
S031275		145	1.6	12.4	151	33.7	23.0	0.5	95
S031276		160	1.3	13.7	162	39.3	24.1	0.4	101



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Project: Bowser Regional Project

(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	20041	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031277		5.46	0.665	1.31	8.59	8.1	1220	1.35	0.08	2.91	13.85	29.6	16.8	38	1.93	115.5
\$031278		6.30	0.228	0.92	8.48	7.2	1910	1.72	0.04	2.25	0.79	35.3	14.8	35	3.66	76.9
\$031279		6.00	0.170	1.69	8.26	8.4	360	1.53	0.06	2.38	1.67	31.8	16.6	39	5.08	195.5
\$031280		1.32	<0.005	0.01	0.09	0.3	40	0.06	0.02	33.7	0.04	1.08	0.8	2	<0.05	2.2
\$031281		6.48	0.396	1.65	8.16	15.1	1090	1.59	0.06	2.46	2.85	27.4	16.5	42	7.74	128.5
\$031282		5.68	0.296	1.27	8.12	11.2	820	1.36	0.10	2.73	2.90	22.8	14.6	41	6.51	91.7
\$031283		6.88	0.138	1.47	8.05	11.8	780	1.23	0.12	2.04	1.79	19.70	15.9	52	6.05	129.5
\$031284		6.20	0.076	1.43	8.45	11.3	1150	1.74	0.06	2.20	1.21	26.3	14.7	39	6.27	158.0
\$031285		6.38	0.114	0.93	7.80	13.0	740	1.24	0.04	2.92	1.15	21.3	13.2	38	5.04	90.3
\$031286		5.52	0.092	1.01	8.33	11.0	870	1.44	0.05	2.07	1.24	23.8	15.9	42	5.70	127.5
\$031286CD		<0.02	0.078	0.96	8.25	10.4	840	1.48	0.05	2.20	1.23	23.0	15.3	42	5.55	120.5
\$031287		5.62	0.097	1.28	7.69	13.7	500	1.34	0.39	3.22	3.82	21.5	12.0	40	6.61	79.8
\$031288		5.04	0.122	1.40	7.99	20.8	850	1.35	0.09	2.51	1.31	24.6	16.4	35	8.33	169.0
\$031289		6.00	0.106	1.19	7.16	25.2	700	1.29	0.13	3.35	1.74	28.9	20.3	36	6.15	134.5
\$031290		0.18	6.01	79.2	6.24	294	1030	1.04	1.16	1.98	22.1	25.5	11.5	22	7.97	113.5
\$031291		5.60	0.051	0.63	7.41	17.0	1070	1.39	0.14	4.59	0.19	31.3	16.3	35	7.04	91.6
\$031292		5.90	0.062	0.53	7.84	7.2	1130	1.28	0.08	2.08	0.19	25.7	15.0	31	6.17	80.8
\$031293		4.40	0.079	0.58	7.51	8.9	390	1.55	0.10	2.59	0.28	28.3	16.9	27	5.79	98.0
\$031294		5.04	0.080	0.64	7.60	7.8	480	1.12	0.13	2.94	1.88	21.5	15.9	35	3.69	97.5
\$031295		5.92	0.069	0.67	8.21	7.1	930	1.31	0.08	1.93	0.12	27.6	16.0	40	4.20	83.5
\$031296		5.42	0.174	0.68	8.13	7.9	1140	1.34	0.10	2.31	3.44	26.3	14.7	35	3.78	89.8
\$031297		4.24	0.406	1.02	8.17	9.5	890	1.54	0.15	1.80	5.75	24.7	16.6	36	5.50	106.0
\$031298		5.00	0.164	1.05	7.32	22.2	740	1.83	0.09	4.00	2.68	27.3	21.8	35	5.08	163.0
\$031299		5.66	0.063	0.72	7.32	18.0	1010	1.37	0.11	3.48	2.71	25.3	13.9	28	6.29	51.1
\$031300		0.78	<0.005	0.04	0.10	<0.2	20	0.07	0.01	32.4	0.04	1.15	0.8	2	0.05	2.6



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Project: Bowser Regional Project

(763									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	20041	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031277		4.31	19.65	0.15	1.4	0.037	2.88	13.4	20.5	1.53	992	2.55	3.82	6.2	26.0	1090
\$031278		4.09	21.1	0.15	1.3	0.026	2.77	16.2	20.9	1.53	989	2.76	3.60	6.6	22.4	1400
\$031279		4.38	20.5	0.14	1.2	0.030	2.29	14.1	19.4	1.47	972	4.85	3.56	6.7	23.1	1430
\$031280		0.10	0.26	<0.05	<0.1	0.013	0.02	1.2	0.9	1.60	118	0.16	0.04	0.2	0.7	70
\$031281		4.39	20.5	0.11	1.3	0.034	2.51	12.1	20.4	1.42	898	5.85	3.09	6.6	24.5	1000
S031282		3.94	20.2	0.11	1.4	0.039	2.20	10.2	20.2	1.34	994	6.31	3.55	6.3	22.0	1040
S031283		3.91	20.3	0.09	1.1	0.050	2.11	8.7	19.1	1.44	1040	7.66	3.41	6.5	21.7	1000
S031284		3.94	22.7	0.13	1.2	0.027	2.83	11.6	18.4	1.46	1050	2.71	3.30	7.0	25.5	1270
S031285		3.71	19.50	0.11	1.0	0.025	2.22	9.4	18.9	1.43	1100	4.12	3.28	6.1	20.2	1000
S031286		3.84	21.4	0.12	1.2	0.026	2.42	10.6	20.6	1.47	1040	6.11	3.49	6.6	22.1	1230
S031286CD		3.78	20.9	0.11	1.1	0.030	2.37	10.1	20.9	1.46	1060	6.41	3.56	6.5	21.1	1160
S031287		3.57	19.70	0.12	1.2	0.044	2.12	9.1	21.3	1.40	1200	4.88	3.01	6.1	19.2	860
S031288		3.79	21.4	0.12	1.3	0.041	2.71	11.2	22.5	1.46	1160	15.10	2.93	6.4	21.1	950
S031289		4.50	20.3	0.13	1.5	0.038	3.15	12.3	20.4	1.48	1320	9.79	2.46	6.1	41.9	1190
S031290		4.65	13.20	0.11	1.3	1.355	3.63	13.5	12.9	0.48	1180	9.87	0.23	5.8	15.9	960
\$031291		3.86	19.95	0.13	1.5	0.041	3.46	14.2	20.9	1.67	1580	4.47	2.37	6.1	36.0	1310
\$031292		4.23	20.8	0.13	1.3	0.025	3.28	11.0	19.7	1.79	1300	1.57	2.92	6.6	21.2	1130
\$031293		4.61	20.6	0.14	1.1	0.036	4.60	11.8	20.3	1.71	1310	0.97	2.05	6.3	23.4	1430
\$031294		4.36	19.20	0.12	1.0	0.028	2.32	10.1	19.2	1.55	1220	1.68	3.48	5.5	19.7	870
\$031295		4.31	20.1	0.13	1.1	0.023	2.11	12.8	21.5	1.68	1120	1.35	3.74	6.1	21.3	1000
\$031296		3.87	20.4	0.13	1.1	0.030	2.57	12.2	22.0	1.56	1190	2.60	3.54	6.0	21.9	1090
\$031297		4.16	21.8	0.13	1.1	0.048	2.97	12.0	24.6	1.86	1270	3.15	2.78	6.1	21.6	1040
\$031298		4.44	21.9	0.14	1.6	0.060	3.94	11.7	30.3	1.92	1650	1.45	2.03	5.9	43.5	1460
\$031299		3.91	17.00	0.13	1.5	0.031	4.09	11.3	27.5	1.72	1550	5.85	2.21	5.9	21.3	1390
\$031300		0.10	0.31	<0.05	<0.1	0.011	0.03	1.3	1.2	1.61	107	0.12	0.04	0.1	0.8	80



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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CERTIFICATE OF ANALYSIS VA20220041

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Project: Bowser Regional Project

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61									
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031277		41.0	59.7	0.021	2.56	4.85	13.5	14	1.6	851	0.37	<0.05	3.31	0.368	1.68	1.4
\$031278		28.5	71.8	0.010	1.93	4.50	14.4	12	1.6	740	0.39	<0.05	3.91	0.366	1.83	1.5
\$031279		21.7	70.1	0.058	2.18	3.60	14.1	11	1.6	1030	0.39	<0.05	3.38	0.374	1.63	1.4
\$031280		0.5	0.5	<0.002	0.01	0.08	0.2	2	<0.2	81.6	<0.05	<0.05	0.07	0.007	<0.02	0.1
\$031281		25.2	90.3	0.059	2.23	4.34	13.4	6	1.9	354	0.39	<0.05	3.46	0.381	1.86	1.5
S031282		30.4	74.8	0.061	1.69	3.06	12.8	4	2.0	366	0.38	<0.05	3.07	0.371	1.64	1.9
S031283		22.0	76.1	0.076	1.13	2.81	12.8	4	1.9	327	0.41	<0.05	3.52	0.406	1.50	1.6
S031284		32.7	93.9	0.019	1.87	3.00	15.1	12	1.5	398	0.41	<0.05	3.59	0.394	1.95	1.5
S031285		26.5	72.1	0.055	1.54	3.10	12.8	4	1.7	334	0.37	<0.05	3.00	0.358	1.48	1.2
S031286		33.5	80.8	0.076	1.38	3.11	13.3	3	1.6	381	0.41	<0.05	3.49	0.394	1.54	1.5
S031286CD		34.2	78.4	0.077	1.33	3.05	13.0	3	1.6	387	0.40	<0.05	3.33	0.384	1.55	1.5
S031287		77.9	91.1	0.062	1.65	4.05	11.9	4	1.5	448	0.36	0.05	2.97	0.363	1.51	1.5
S031288		19.7	100.5	0.178	1.70	4.37	12.4	3	1.6	387	0.38	<0.05	3.06	0.379	1.77	1.4
S031289		22.7	90.6	0.076	2.94	4.88	13.4	7	1.5	422	0.36	0.06	3.22	0.360	1.85	1.9
S031290		8480	151.5	0.004	2.99	75.1	12.0	3	4.0	142.5	0.34	0.29	3.65	0.248	3.14	2.0
\$031291		14.9	103.0	0.077	2.41	4.10	14.2	7	1.4	460	0.36	0.07	3.65	0.359	1.89	1.7
\$031292		21.5	89.5	0.005	2.57	3.70	13.3	10	1.3	528	0.38	<0.05	2.97	0.377	1.77	1.2
\$031293		13.7	105.0	0.002	2.93	3.52	14.1	7	1.6	454	0.38	<0.05	2.81	0.367	2.37	1.1
\$031294		21.7	65.8	0.006	3.02	3.62	11.5	11	1.3	525	0.33	<0.05	2.59	0.340	1.22	1.0
\$031295		15.4	71.2	0.003	2.78	3.50	13.7	11	1.2	462	0.36	<0.05	3.22	0.374	1.11	1.2
\$031296		14.9	77.1	0.028	2.24	4.35	12.6	10	1.3	507	0.35	<0.05	3.13	0.357	1.31	1.1
\$031297		15.7	105.0	0.050	2.43	5.54	13.4	7	1.4	425	0.36	<0.05	3.26	0.360	1.58	1.4
\$031298		24.5	102.5	0.016	2.97	5.80	14.8	8	2.2	447	0.34	0.05	3.02	0.352	1.99	2.3
\$031299		37.7	99.5	0.050	2.52	3.90	12.5	7	1.1	375	0.35	<0.05	2.91	0.307	1.92	1.8
\$031300		3.7	0.8	<0.002	0.01	0.12	0.3	1	<0.2	77.2	<0.05	<0.05	0.09	0.006	0.02	0.2



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Page: 4 - D Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 17-OCT-2020 Account: PREBOW

Project: Bowser Regional Project

CERTIFICATE C	F ANALYSIS	VA20220041

	Method Analyte	ME-MS61 V	ME-MS61 W	ME-MS61 Y	ME-MS61 Zn	ME-MS61 Zr	pXRF-34 Si	pXRF-34 Ti	pXRF-34 Zr	
Sample Description	Units LOD	ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	% 0.5	% 0.1	ppm 5	
S031277		124	1.5	16.9	1230	43.3	23.3	0.4	130	 
S031278		121	2.1	19.0	176	40.4	24.3	0.4	123	
S031279		124	2.0	17.6	230	38.3			_	
S031280		2	<0.1	2.3	6	1.7	2.9	<0.1	<5	
5031281		131	2.4	14.7	338	39.3	23.6	0.4	146	
5031282		133	2.2	14.1	333	44.8	23.8	0.4	143	 
S031283		160	2.0	13.8	279	34.8	24.5	0.4	190	
S031284		141	1.8	18.5	189	39.2	24.0	0.4	126	
S031285		120	1.7	15.5	228	32.5	23.3	0.3	146	
031286		135	1.6	15.6	261	35.1	24.7	0.4	155	
031286CD		133	1.6	14.5	263	35.1	24.2	0.4	152	
5031287		127	2.7	13.3	397	36.3	22.7	0.6	151	
5031288		119	2.7	13.5	218	40.4	23.6	0.4	124	
5031289		131	2.6	16.2	218	49.1	22.0	0.4	120	
5031290		124	4.1	9.3	1840	42.9	26.1	0.3	84	
031291		140	2.4	17.7	118	50.8	19.9	0.4	108	
5031292		116	2.3	14.6	128	41.3	22.3	0.5	131	
5031293		115	2.0	17.6	133	34.6	22.2	0.5	121	
5031294		124	1.8	11.8	183	31.8	22.6	0.4	141	
031295		129	1.5	14.8	109	36.1	23.5	0.4	144	 
031296		122	1.5	13.9	270	35.9	22.7	0.4	119	
031297		126	2.2	12.5	541	35.4	23.7	0.4	140	
031298		166	2.2	14.5	285	51.0	21.1	0.4	91	
031299		124	2.1	13.6	261	50.8	21.3	0.4	117	
5031300		2	<0.1	2.4	6	2.0	2.8	<0.1	8	



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CERTIFICATE	OE		VA20220041
CERTIFICATE	OF.	ANALISIS	VAZUZZUU4 I

		CERTIFICATE COM	MENTS	
	REEs may not be totally so		TICAL COMMENTS	
Applies to Method:	ME-MS61			
			ATORY ADDRESSES	
Applies to Method:	Au-AA23 LOG-21	er located at 2103 Dollarton Hwy, No BAG-01 LOG-21d	CRU-31 LOG-23	CRU-QC ME-MS61
	PUL-32m SPL-21	PUL-32md SPL-21d	PUL-QC WEI-21	pXRF-34



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> 27-JAN-2021 Account: PREBOW

## VA20221495

Project: Bowser Regional Project

P.O. No.: BOW-1147

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 1-OCT-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA
LEANNE HAWKINS COREY JAMES JULIANNE MADSEN
STEPHAINE WAFFORN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
PUL-32md	Pulverize 500g-DUP -85%<75um	
LOG-21	Sample logging - ClientBarCode	
CRU-31	Fine crushing - 70% <2mm	
PUL-QC	Pulverizing QC Test	
SPL-21	Split sample - riffle splitter	
PUL-32m	Pulverize 500g - 85%<75um	
BAG-01	Bulk Master for Storage	
LOG-23	Pulp Login - Rcvd with Barcode	
LOG-21d	Sample logging - ClientBarCode Dup	
SPL-21d	Split sample - duplicate	

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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**CERTIFICATE OF ANALYSIS VA20221495** 

Page: 2 - A
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Plus Appendix Pages
Finalized Date: 20-OCT-2020
Account: PREBOW

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031301 \$031302 \$031303 \$031304 \$031305 \$031306		6.72 4.74 6.24 6.28 5.46	0.082 0.109 0.121 0.047 0.174	1.24 1.71 1.35 0.63 1.40	7.82 8.39 7.66 7.24 7.67	24.6 22.8 40.4 16.3 24.0	1210 1420 610 430 730	1.47 1.75 1.30 1.07 1.34	0.11 0.13 0.16 0.20 0.29	2.53 2.28 2.56 2.70 2.63 3.68	1.35 1.46 0.76 0.49 0.86	27.8 31.0 17.10 15.90 24.9	11.6 14.1 11.2 8.9 13.8	39 38 37 35 38	7.19 6.83 6.18 5.39 6.55	121.0 168.5 167.5 25.3 95.5
S031306CD		<0.02	0.107	2.67	7.27	31.6	710	1.17	0.18	3.85	0.76	35.9	11.8	35	6.92	150.5
S031307		5.74	0.066	2.93	7.94	25.6	1070	1.94	0.22	3.51	1.27	30.9	14.6	35	9.40	151.5
S031308		5.92	0.056	1.32	7.32	22.1	1340	1.66	0.14	5.96	1.01	30.0	16.3	27	8.13	122.0
S031309		5.46	0.248	0.87	7.55	19.3	930	1.29	0.22	2.96	0.90	22.6	13.9	35	5.18	125.5
S031310		0.14	1.150	29.2	5.85	374	160	1.33	0.92	0.64	1.73	28.0	12.7	20	7.96	110.5
S031311		4.48	0.147	1.52	6.98	21.7	820	0.98	0.30	2.17	0.40	20.2	13.0	37	4.11	124.0
\$031312 \$031313 \$031314 \$031315		4.50 6.06 6.02 5.72 5.46	0.380 0.646 0.111 0.058 0.053	1.32 1.69 1.40 2.27 1.27 0.74	6.80 7.32 6.33 7.08 7.08	19.4 23.0 26.7 61.8 28.2	1060 1100 560 660 690	1.32 1.25 0.93 0.95 0.93	0.30 0.05 0.04 0.07 0.11 0.15	2.17 3.57 2.39 2.19 2.07 1.61	0.40 0.67 2.99 3.13 0.90 0.68	27.0 22.1 16.85 16.30 18.40	13.0 11.2 12.8 7.1 6.9 7.1	31 38 32 32 31	7.60 6.67 4.41 4.44 4.06	154.0 154.0 113.0 73.9 62.1 43.3
\$031316 \$031317 \$031318 \$031319 \$031320		5.52 5.96 6.14 1.18	0.116 0.394 0.197 <0.005	1.33 0.78 2.04 0.02	7.55 7.51 7.09 0.11	22.3 12.1 17.8 0.4	760 1030 960 20	1.16 1.31 1.48 0.09	0.11 0.10 0.11 0.01	2.09 2.28 3.71 32.2	5.52 0.58 2.96	22.6 27.0 31.6	10.3 11.8 14.8	33 38 31 3	4.08 4.99 7.29 0.07	86.9 104.0 209 2.1
\$031321 \$031322 \$031323 \$031324 \$031325		5.98 5.28 5.92 5.34 6.10	0.159 0.284 0.112 0.286	0.53 0.92 0.46 0.80	7.43 7.39 7.66 7.94	10.1 9.7 7.1 6.0	770 840 750 1010	1.19 1.38 1.27 1.40	0.09 0.07 0.10 0.08	2.09 2.92 2.35 2.36	1.69 0.49 0.22 0.59	19.15 22.0 21.7 23.0	10.8 12.5 11.6 11.5	34 34 38 41	6.43 7.04 6.76 5.38	123.5 101.0 73.9 141.0
S031326		6.04	0.231	0.71	7.48	10.1	990	1.21	0.11	3.78	0.85	27.3	11.6	34	5.80	93.8
S031326CD		<0.02	0.194	0.69	7.58	9.9	1000	1.09	0.08	3.72	0.89	27.1	11.9	36	5.84	93.3
S031327		5.66	0.285	4.33	7.45	6.6	1420	1.20	0.11	3.56	2.19	36.5	19.0	44	3.88	192.0
S031328		6.28	0.248	6.18	6.49	8.7	2010	1.18	0.07	5.61	1.87	22.8	13.5	21	7.72	140.0
\$031329		5.22	0.380	2.71	7.07	8.8	1120	1.13	0.08	4.88	0.88	34.5	17.4	27	6.24	334
\$031330		0.16	1.070	12.55	6.18	325	380	1.15	0.17	3.62	4.40	23.3	10.7	27	6.77	86.3
\$031331		5.38	0.175	0.55	7.72	3.7	1980	1.45	0.10	2.32	0.23	20.8	9.2	28	6.27	145.5
\$031332		5.96	0.360	2.37	7.91	7.0	1280	1.92	0.14	3.24	0.61	34.9	19.1	34	7.32	220
\$031333		5.40	0.358	0.57	7.87	5.5	1270	1.57	0.11	2.51	0.17	26.5	13.5	37	7.15	75.7
\$031334		5.92	0.335	0.52	7.78	8.3	920	1.49	0.07	2.68	0.14	26.9	11.8	42	7.10	48.9
\$031335		5.96	0.660	0.56	7.52	10.6	760	1.29	0.07	3.11	0.23	20.1	7.9	38	7.67	53.3
\$031336		4.48	0.139	0.74	7.48	6.4	1340	0.88	0.08	4.31	0.27	26.1	11.6	29	3.97	81.6
\$031337		4.32	0.163	0.74	7.09	4.1	1210	1.21	0.09	7.53	0.51	32.8	15.8	32	3.66	203
\$031338		5.88	0.345	0.74	6.94	11.9	950	1.06	0.13	6.38	0.71	32.5	14.8	28	3.06	256



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**CERTIFICATE OF ANALYSIS VA20221495** 

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031301 \$031302 \$031303 \$031304 \$031305		4.03 4.04 3.83 3.17 4.00	18.30 21.5 18.05 16.85 18.80	0.12 0.15 0.10 0.12 0.14	1.3 1.8 1.3 1.0	0.026 0.026 0.023 0.022 0.037	3.37 3.71 2.34 1.72 2.93	12.5 12.8 7.3 6.5 11.0	24.8 21.1 19.4 18.6 13.9	1.55 1.26 1.12 1.05 1.19	1240 1210 1080 1050 1100	3.86 7.36 9.06 44.8 19.80	2.03 2.58 2.99 3.44 2.78	5.4 6.2 4.8 4.0 5.4	18.0 24.3 15.3 13.4 20.4	810 1070 660 560 1060
\$031306 \$031306CD \$031307 \$031308 \$031309		3.28 3.46 3.59 3.36 4.25	18.90 17.70 20.8 17.25 17.70	0.15 0.15 0.15 0.17 0.14	1.5 1.5 1.4 1.1	0.022 0.024 0.032 0.055 0.026	2.86 2.92 4.08 3.99 2.83	15.7 15.5 13.4 14.2 10.2	20.0 18.3 14.0 12.3 20.4	1.47 1.54 1.65 1.93 1.54	1340 1420 1160 1620 1100	5.38 5.58 13.45 31.1 12.20	1.84 1.86 1.55 1.28 2.83	5.5 5.2 5.7 4.8 5.0	22.9 21.2 20.3 19.2 20.6	920 970 1220 1210 850
\$031310		4.37	13.00	0.12	0.9	0.033	2.65	13.3	10.4	0.36	228	4.80	0.19	5.2	14.0	1290
\$031311		3.99	15.10	0.12	1.0	0.024	2.48	9.1	12.5	1.09	893	41.2	2.88	4.2	16.5	700
\$031312		3.98	17.20	0.15	1.5	0.012	3.11	12.5	24.9	1.58	1360	6.65	1.14	5.1	18.9	930
\$031313		4.30	18.40	0.14	1.2	0.019	3.60	9.4	14.8	1.19	1160	11.70	1.70	5.2	19.2	870
\$031314		3.00	13.50	0.12	0.7	0.011	2.44	8.2	11.7	0.83	899	3.88	1.96	3.3	11.1	520
\$031315		2.93	14.75	0.11	0.7	0.018	2.57	7.6	7.9	0.77	816	18.25	2.76	3.4	11.0	550
\$031316		3.11	13.35	0.12	0.6	0.012	2.37	8.8	8.8	0.59	600	54.1	2.99	2.9	9.7	480
\$031317		3.42	16.65	0.13	0.9	0.022	2.86	10.8	10.7	0.92	932	18.00	2.97	4.0	13.9	740
\$031318		3.65	18.15	0.14	1.2	0.009	3.27	12.0	18.1	1.34	1160	10.30	2.72	4.9	19.2	1070
\$031319		4.07	20.0	0.16	1.3	0.028	3.93	13.7	15.0	1.65	1330	86.8	1.52	5.3	21.5	1220
\$031320		0.15	0.37	0.12	<0.1	<0.005	0.04	1.2	1.4	2.55	150	0.20	0.04	0.1	0.8	70
\$031321		3.40	16.40	0.15	0.9	0.013	3.15	9.4	15.3	1.31	802	21.0	2.55	4.2	15.0	700
\$031322		3.66	17.35	0.17	1.1	0.011	3.22	10.3	20.6	1.59	1090	7.50	2.39	4.8	17.8	920
\$031323		3.83	17.70	0.15	1.4	0.014	3.14	8.7	19.1	1.50	1000	5.07	2.64	5.3	20.8	1030
\$031324		3.46	19.65	0.19	1.2	0.014	3.30	10.7	20.6	1.42	978	7.94	2.89	5.2	19.5	920
\$031325		3.96	18.65	0.17	1.1	0.017	3.28	10.9	23.2	1.53	994	4.31	2.50	4.8	19.6	1010
\$031326		3.17	18.30	0.18	1.0	0.016	3.45	13.1	30.3	1.44	1280	7.63	2.09	4.8	18.7	950
\$031326CD		3.25	18.55	0.20	1.0	0.021	3.51	13.2	29.1	1.46	1280	7.52	2.12	4.9	19.9	950
\$031327		4.23	19.25	0.20	1.5	0.055	3.80	17.2	28.8	2.23	1480	7.32	2.16	5.1	61.7	1030
\$031328		4.21	16.20	0.19	1.2	0.073	2.75	11.9	68.7	4.92	2560	28.0	0.96	4.0	20.0	880
\$031329		4.98	17.40	0.19	1.4	0.071	3.84	16.8	38.9	3.01	2070	16.20	1.48	4.7	23.4	1550
\$031330		3.87	13.40	0.16	1.2	0.045	3.89	11.9	14.2	0.56	1380	10.35	0.21	5.0	20.6	920
\$031331		2.44	18.00	0.21	1.5	0.028	4.26	8.5	21.5	1.13	919	20.2	2.64	5.3	11.5	1280
\$031332		4.18	19.70	0.19	1.4	0.039	4.06	14.0	31.9	1.80	1270	10.60	2.04	5.5	29.4	1930
\$031333		3.75	18.45	0.21	1.2	0.029	4.13	10.9	27.1	1.55	1130	14.05	2.01	5.2	20.1	980
\$031334 \$031335 \$031336 \$031337 \$031338		3.72 2.83 3.28 4.49 4.54	19.20 16.25 16.55 16.70 16.15	0.22 0.19 0.21 0.20 0.19	1.0 0.8 1.3 1.3	0.030 0.019 0.036 0.107 0.096	3.52 3.43 4.01 3.80 2.98	12.3 9.5 12.5 15.6 15.4	24.6 27.1 37.2 36.4 46.5	1.24 1.05 1.81 2.54 3.20	1230 1060 1460 2370 1820	5.60 4.28 10.95 20.5 30.1	2.38 2.12 2.44 1.85 1.92	5.2 4.0 5.2 4.5 4.5	20.1 13.5 22.5 47.1 39.8	1000 620 920 970 960



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20221495** 

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								<u></u>	CERTIFICATEO					******	21133	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61							
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031301		20.0	129.0	0.050	2.45	3.83	11.2	4	1.5	471	0.36	0.06	2.78	0.361	1.98	1.9
\$031302		27.2	131.0	0.061	2.33	4.99	14.6	5	1.2	456	0.42	<0.05	3.67	0.388	2.19	2.9
\$031303		24.5	90.0	0.059	2.74	4.69	9.2	4	1.2	417	0.32	0.06	2.59	0.331	1.39	1.7
\$031304		18.9	66.1	0.064	2.23	2.89	7.7	3	1.0	426	0.30	<0.05	2.20	0.291	0.99	1.5
\$031305		19.8	103.0	0.055	2.97	7.07	11.5	6	1.3	590	0.36	0.09	3.12	0.363	1.53	2.0
S031306		23.1	103.0	0.062	1.58	15.80	13.1	4	0.9	555	0.36	0.08	3.63	0.330	1.47	2.8
S031306CD		22.9	102.5	0.070	1.69	14.80	12.4	4	1.5	582	0.34	0.08	3.41	0.340	1.47	2.6
S031307		23.4	150.5	0.105	2.19	24.8	13.3	5	1.4	548	0.36	0.05	3.44	0.374	2.16	2.2
S031308		13.0	153.5	0.244	1.93	8.53	11.1	5	1.8	535	0.29	0.06	3.23	0.320	2.07	1.9
S031309		33.7	94.9	0.105	2.97	4.78	10.8	5	1.4	535	0.30	<0.05	2.49	0.342	1.43	1.1
\$031310		53.3	120.5	<0.002	4.08	35.2	12.8	5	1.9	133.0	0.32	0.27	2.38	0.301	2.21	1.0
\$031311		25.6	82.8	0.220	2.85	6.80	9.3	8	1.2	521	0.31	0.12	2.66	0.301	1.20	2.4
\$031312		12.7	139.5	0.067	1.74	10.30	12.2	6	1.2	438	0.33	<0.05	3.39	0.307	1.72	2.1
\$031313		28.8	127.0	0.071	2.55	7.87	10.2	4	1.4	337	0.36	<0.05	3.00	0.330	1.97	1.8
\$031314		25.7	88.9	0.022	1.61	25.1	6.2	3	0.9	320	0.25	<0.05	2.20	0.221	1.18	1.4
\$031315		31.1	91.8	0.047	1.70	8.41	6.2	3	0.9	373	0.27	0.05	1.98	0.233	1.23	1.4
\$031316		44.9	85.0	0.179	2.31	4.99	5.3	5	0.8	327	0.23	0.07	2.22	0.196	1.20	1.5
\$031317		153.5	93.4	0.080	2.46	25.4	7.9	5	1.0	426	0.28	<0.05	2.47	0.271	1.37	1.4
\$031318		23.1	98.3	0.061	1.93	11.05	11.4	7	1.3	465	0.33	<0.05	2.98	0.344	1.40	1.7
\$031319		145.5	130.0	0.651	2.60	45.6	12.5	11	1.7	444	0.35	<0.05	3.37	0.344	1.92	2.2
\$031320		1.0	1.2	<0.002	0.01	0.26	0.3	2	<0.2	78.7	<0.05	<0.05	0.10	0.007	0.02	0.2
\$031321		18.1	112.5	0.190	2.28	4.19	9.6	11	1.3	302	0.28	<0.05	2.31	0.293	1.49	1.2
\$031322		12.9	114.0	0.063	2.18	3.97	11.5	11	1.2	344	0.30	<0.05	2.97	0.321	1.72	1.6
\$031323		15.0	113.0	0.038	2.32	3.30	12.2	7	1.3	337	0.32	0.08	3.27	0.370	1.70	1.7
\$031324		19.8	113.5	0.031	1.84	3.24	12.5	9	1.3	410	0.31	<0.05	3.08	0.361	1.52	1.4
S031325		25.4	114.0	0.027	1.69	3.90	11.8	9	1.4	390	0.31	<0.05	3.20	0.321	1.53	1.6
S031326		29.2	112.0	0.081	1.30	3.81	11.5	7	1.5	406	0.28	0.05	3.05	0.319	1.39	1.6
S031326CD		26.5	110.5	0.101	1.34	3.95	11.6	7	1.6	406	0.29	<0.05	3.02	0.324	1.45	1.5
S031327		45.1	103.5	0.067	2.12	31.6	15.9	13	2.9	442	0.32	<0.05	3.88	0.337	1.62	2.2
S031328		41.4	82.6	0.182	1.65	68.3	10.4	11	3.2	471	0.25	<0.05	3.01	0.256	1.09	2.5
\$031329		25.2	104.0	0.072	2.82	31.4	12.6	16	2.7	399	0.29	<0.05	3.58	0.292	1.49	3.3
\$031330		150.5	165.0	0.015	2.81	20.5	11.1	2	1.5	193.0	0.27	0.32	3.27	0.250	3.19	1.8
\$031331		24.7	128.5	0.205	1.27	4.50	13.9	6	1.8	442	0.33	<0.05	3.05	0.329	1.87	2.1
\$031332		24.8	145.5	0.071	2.59	13.95	15.2	12	2.4	367	0.32	<0.05	4.43	0.337	1.91	3.3
\$031333		21.4	138.5	0.170	2.40	4.48	12.7	13	1.9	280	0.34	<0.05	3.48	0.345	1.95	2.1
S031334		17.5	133.0	0.041	2.15	3.97	11.7	13	2.0	282	0.33	<0.05	3.24	0.348	1.69	1.5
S031335		28.8	126.0	0.018	1.56	5.32	8.6	10	2.2	299	0.28	<0.05	2.45	0.286	1.56	1.2
S031336		24.2	103.5	0.030	1.78	3.78	11.1	13	1.8	437	0.31	<0.05	3.10	0.349	1.63	1.8
S031337		28.4	99.0	0.075	2.45	2.78	13.3	15	2.9	581	0.28	<0.05	3.13	0.321	1.42	2.2
S031338		20.1	82.2	0.092	2.45	3.13	12.9	16	2.5	466	0.26	<0.05	3.24	0.307	1.12	2.6



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(ALS	,								CERTIFICATE OF ANALYSIS VA20221495
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	4 pXRF-34 Zr ppm 5
S031301		130	1.9	11.2	193	42.3	24.7	0.4	146
S031302		145	3.5	14.6	170	59.1	24.8	0.4	132
S031303		117	3.3	8.9	110	39.0	25.8	0.4	135
S031304		101	2.7	7.1	89	27.1	27.2	0.3	118
\$031305 \$031306		127	3.4	12.2	108	44.8	23.8	0.4	136 107
S031306CD		124	2.8	14.4	90	47.3	24.8	0.4	106
S031307		130	4.7	13.8	108	46.7	24.3	0.4	122
S031308		111	4.7	13.3	94	35.2	21.5	0.4	114
S031309		125	3.5	9.4	119	30.0	23.2	0.4	129
S031310		139	2.4	8.0	206	28.9	33.5	0.4	76
S031311		125	3.3	9.7	68	29.2	26.6	0.3	116
S031312		120	6.9	13.5	124	45.7	25.1	0.4	98
S031313		120	5.1	11.2	284	38.6	24.4	0.4	128
S031314		90	2.3	6.3	282	19.5	29.0	0.3	97
S031315		89	2.4	6.5	93	20.2	28.5	0.3	97
S031316		80	2.3	6.3	66	17.0	29.9	0.2	89
S031317 S031318 S031319		99 119 127	2.6 2.9 4.7	8.1 12.0 12.9	476 103 245	25.7 38.6 45.7	27.6 25.5 23.1	0.2 0.3 0.4 0.4	124 139 111
\$031320		2	0.1	2.0	6	1.8	4.9	<0.1	8
\$031321		105	3.2	8.4	105	23.6	25.4	0.3	100
\$031322		113	3.5	11.4	84	33.1	25.1	0.4	135
\$031323		123	3.4	11.2	89	41.7	25.1	0.4	139
\$031324		126	3.8	11.3	101	36.1	24.0	0.4	148
\$031325		115	3.9	12.5	120	31.3	24.5	0.4	114
\$031326		116	3.9	14.6	119	31.0	25.3	0.4	134
\$031326CD		117	3.8	15.2	122	31.2	24.2	0.4	130
\$031327		138	3.2	15.3	201	45.9	23.1	0.4	107
\$031328		117	3.5	15.5	225	40.9	20.4	0.4	85
\$031329		115	4.2	19.0	168	48.9	21.0	0.4	101
\$031330		107	6.2	8.5	463	38.8	27.5	0.3	84
\$031331		108	4.6	17.1	89	50.6	26.0	0.5	142
\$031332		170	5.0	18.9	144	44.1	23.2	0.4	97
\$031333		132	4.7	12.9	115	36.0	25.0	0.5	141
\$031334		124	4.4	12.5	106	29.5	24.5	0.4	132
\$031335		103	3.5	11.2	84	20.7	25.5	0.4	118
\$031336		111	4.3	13.9	133	41.9	21.9	0.4	108
\$031337		137	3.8	24.1	153	42.3	17.8	0.4	93
\$031338		130	3.1	17.6	150	43.5	19.2	0.4	86



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Account: PREBOW

Project: Bowser Regional Project

## VA20221495 **CERTIFICATE OF ANALYSIS** WEI-21 Au-AA23 ME-MS61 Method Recvd Wt. Au Ag Αl As Ba Be Bi Ca Cd Ce Co Cr Cs Cu Analyte kg % % ppm Units Sample Description 0.02 LOD 0.005 0.01 0.01 0.2 10 0.05 0.01 0.01 0.02 0.01 0.1 1 0.05 0.2 372 S031339 5.20 0.260 0.81 7.30 11.6 350 1.74 0.13 6.60 0.40 33.2 14.2 23 7.24 S031340 1.26 0.009 0.02 0.12 0.5 20 0.05 0.01 32.8 0.02 1.19 0.9 1 0.08 3.2 30 275 S031341 5.54 0.342 1.35 7.48 24.9 290 1.43 0.22 4.36 0.73 41.4 18.5 6.03 5.36 0.421 1.45 4.72 26.1 240 1.22 0.09 8.70 1.00 22.2 11.8 18 3.69 295 S031342 6.43 S031343 5.90 0.245 1.10 10.5 470 1.27 0.14 5.48 1.68 22.7 13.1 17 4.17 199.5 5.16 3.02 23.1 36 5.17 S031344 0.158 0.94 7.30 8.1 1480 0.91 0.11 0.23 11.0 100.5 5.30 0.070 0.80 7.92 6.8 1550 0.84 0.05 1.64 0.15 18.70 9.1 37 5.01 75.1 S031345 37 0.224 0.86 7.64 1.03 0.07 1.77 0.58 21.9 9.0 4.99 93.6 S031346 6.24 8.4 1610 S031346CD < 0.02 0.229 0.97 7.72 8.8 1610 0.96 0.08 1.78 0.45 22.3 9.1 37 5.11 96.2 38 4.92 0.050 0.57 7.70 11.3 1570 1.09 0.06 1.76 0.41 17.45 7.7 5.29 33.0 S031347 7.28 19.9 1550 1.25 2.55 4.81 18.90 11.0 35 5.64 83.6 S031348 6.10 0.107 1.24 0.15 0.373 37 8.67 S031349 4.94 2.17 7.51 12.0 1070 1.92 0.15 2.80 0.21 22.6 13.2 203 22 0.16 5.82 81.9 6.29 300 310 1.00 1.12 1.95 22.3 24.4 11.0 7.40 121.5 S031350 4.88 0.167 2.03 7.19 10.0 1780 1.12 0.07 2.90 0.16 19.60 10.5 36 4.28 313 S031351 5.98 34 172.5 S031352 0.228 1.50 7.40 9.5 1560 1.26 0.13 2.69 1.38 23.8 10.8 4.61 0.097 7.53 2.94 22.3 41 5.12 129.0 S031353 6.14 0.76 9.3 1510 1.19 0.09 0.33 9.3 S031354 3.92 0.232 1.46 7.22 13.9 1230 1.60 0.06 3.24 0.81 22.3 10.1 33 8.57 124.0 0.938 3.59 2.83 24 7.09 272 5.44 6.85 25.7 1340 1.03 0.08 4.55 34.2 11.9 S031355 5.74 0.542 2.83 6.82 27.0 670 0.71 0.11 3.43 4.67 26.0 11.2 25 4.40 311 S031356 S031357 5.32 0.263 2.61 4.65 19.1 1320 1.16 0.07 9.03 7.10 21.3 13.4 16 6.94 310 0.311 1.28 6.83 1420 1.03 0.07 3.34 0.43 19.20 9.4 28 7.41 137.0 S031358 5.70 8.6 6.02 0.239 1.05 7.70 5.8 2020 0.87 0.05 1.37 0.36 17.95 9.1 34 6.20 159.5 S031359 1.20 < 0.005 0.02 0.16 0.3 50 0.09 0.06 31.5 0.05 0.90 0.7 2 0.09 2.9 S031360 25 S031361 6.60 0.164 1.58 6.83 8.7 1530 1.28 0.04 4.46 1.18 16.60 7.6 9.67 106.0 0.342 1.25 2820 15 197.0 S031362 6.10 5.52 5.7 1.21 0.04 10.85 0.52 27.1 10.2 6.20 5.52 0.241 1.15 6.91 3.5 610 0.77 0.07 6.62 0.25 25.7 12.3 25 4.01 196.0 S031363 S031364 6.18 0.241 0.96 7.77 3.6 1520 0.87 0.06 2.49 0.17 29.5 10.4 38 5.34 142.5 37 5.44 0.258 0.96 7.51 3.7 1810 0.85 0.08 3.08 1.63 26.6 12.7 5 40 174.0 S031365 5.50 0.324 0.79 3.6 1710 0.99 0.07 1.95 23.7 12.9 40 4.60 160.5 S031366 7.81 0.24 S031366CD < 0.02 0.341 0.85 7.96 4.0 1680 1.14 0.08 1.86 0.24 26.0 13.3 41 4.80 163.5 0.324 0.60 7.72 2240 0.87 0.08 1.98 23.8 8.8 37 99.5 S031367 5.72 5.0 0.18 5.18 0.152 7.63 2.1 1650 0.92 120.0 S031368 6.24 0.63 0.06 1.86 0.15 20.0 10.5 35 4.43 0.236 0.92 36 3.99 S031369 5.66 0.90 7.83 2.8 1720 0.04 1.91 0.10 23.5 11.0 148.0 0.14 1.045 28.4 5.70 361 160 1.05 0.92 0.63 1.66 25.3 12.3 19 7.42 109.5 S031370 S031371 5.32 0.203 0.93 7.14 3.2 2810 1.10 0.04 2.78 0.18 18.90 10.0 32 5.00 137.0 6.04 0.158 0.70 7.52 5.8 950 0.98 0.05 2 17 0.12 19 45 12.0 44 5.05 113.0 S031372 6.68 0.317 1.18 7.98 43.7 1140 1.12 0.07 2.80 0.19 27.1 12.9 40 4.69 154.0 S031373 S031374 6.16 0.667 2.11 7.31 38.8 1370 0.95 0.09 2.13 0.26 22.9 14.2 38 5.28 235 S031375 6.18 0.130 7.24 43.8 1020 1.28 0.17 3.33 0.67 19.10 12.8 33 8.08 142.0 1.36 S031376 5.48 0.235 2.21 6.36 66.4 780 1.05 0.12 4.31 1.77 21.3 10.2 28 6.72 182.0



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20221495** 

Page: 3 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 20-OCT-2020 Account: PREBOW

								<u> </u>								
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031339 \$031340 \$031341 \$031342 \$031343 \$031344 \$031345 \$031346		5.67 0.13 5.78 4.87 4.71 3.59 2.79 2.58	17.55 0.34 17.10 11.25 13.80 16.45 16.90 16.90	0.19 0.12 0.21 0.12 0.14 0.17 0.17 0.20	1.4 <0.1 1.4 1.1 1.2 1.1 0.9 1.0	0.144 <0.005 0.173 0.206 0.156 0.034 0.021 0.019	3.58 0.04 4.59 0.85 2.94 4.10 4.42 4.53	16.3 1.2 19.9 13.1 11.1 11.9 9.4 11.0	54.5 1.2 69.6 62.5 51.6 22.5 18.5 18.8	3.72 1.90 4.58 6.90 5.59 1.75 1.38 1.17	1960 145 1490 2080 1780 1070 777 702	26.3 0.32 13.05 19.55 15.25 5.32 5.08 8.90	0.91 0.03 0.67 0.44 0.81 1.92 2.32 2.09	4.6 0.1 5.3 2.9 3.8 4.5 4.2 4.4	33.3 1.0 42.6 27.5 17.8 15.1 14.5	940 70 1140 730 820 830 640 750
S031346CD S031347		2.65 2.37	17.05 16.05	0.18 0.16	1.0	0.024 0.014	4.55 4.43	11.3 8.8	19.7 17.7	1.20 1.02	720 685	8.24 14.65	2.11 2.37	4.5 4.0	15.6 13.7	750 640
\$031348		3.49	16.80	0.18	1.1	0.031	4.17	8.7	27.4	1.56	892	5.46	1.96	4.2	15.6	720
\$031349		4.09	19.75	0.16	1.5	0.043	4.47	10.6	35.8	1.77	983	16.70	1.39	5.3	18.0	990
\$031350		4.64	13.00	0.14	1.2	1.370	3.62	12.8	13.2	0.49	1160	10.10	0.23	5.4	16.0	960
\$031351		3.17	16.40	0.13	0.9	0.058	4.16	9.0	26.1	1.26	968	24.6	2.24	4.5	15.4	770
\$031352		3.70	16.80	0.16	1.3	0.037	3.82	11.2	24.7	1.30	999	13.05	2.02	5.0	16.1	780
\$031353		3.34	16.15	0.14	1.0	0.050	3.89	10.6	27.5	1.37	1140	12.65	2.10	4.6	15.5	730
\$031354		3.07	16.30	0.18	1.5	0.033	4.43	10.2	19.7	1.71	1260	10.90	1.22	5.1	16.1	780
\$031355		4.61	14.85	0.14	1.5	0.160	4.39	16.3	16.9	2.13	1940	22.7	1.09	4.8	16.1	950
\$031356		4.44	13.35	0.14	1.5	0.083	5.09	12.0	19.3	1.85	1460	16.95	1.11	5.1	13.1	780
\$031357		4.06	10.75	0.11	1.3	0.252	2.44	10.8	32.7	5.18	2490	19.30	0.57	3.2	20.1	890
\$031358		3.39	14.10	0.13	0.8	0.044	4.51	9.5	32.1	2.54	1300	25.3	0.81	3.3	13.7	790
\$031359		2.24	16.00	0.14	0.8	0.020	5.22	8.7	21.2	1.22	688	17.80	1.54	3.4	14.6	840
\$031360		0.12	0.52	0.10	0.1	<0.005	0.08	1.1	1.2	2.44	131	0.16	0.04	0.3	0.5	90
\$031361		2.69	15.20	0.14	0.8	0.034	4.13	7.3	30.0	1.77	1340	22.9	0.59	3.1	14.3	700
\$031362		3.61	16.80	0.15	1.4	0.143	2.15	13.2	40.0	3.40	2880	47.5	0.66	3.8	18.1	1060
S031363		4.20	15.10	0.14	1.2	0.056	4.29	11.9	24.0	2.31	1510	20.9	1.23	4.3	18.3	1030
S031364		3.79	17.50	0.14	1.0	0.021	4.77	12.4	19.8	1.41	953	8.19	1.39	4.9	14.7	1050
S031365		4.70	18.05	0.13	0.8	0.025	4.14	12.0	25.1	1.62	1140	9.88	1.90	4.5	19.8	1120
S031366		4.06	18.55	0.13	1.1	0.023	4.54	10.7	20.3	1.24	798	10.10	2.38	4.7	18.9	1170
S031366CD		4.12	19.30	0.14	1.2	0.027	4.65	11.3	21.3	1.25	791	10.65	2.43	4.8	19.6	1190
\$031367		4.09	16.45	0.13	0.9	0.020	4.86	11.2	26.4	1.33	816	4.42	1.91	4.1	12.6	990
\$031368		4.14	16.95	0.12	0.8	0.025	4.20	9.4	28.0	1.36	807	6.05	2.34	3.8	13.1	870
\$031369		3.98	18.05	0.12	0.7	0.025	4.11	10.8	24.7	1.34	811	6.52	2.37	3.9	18.1	1000
\$031370		4.31	12.25	0.11	0.8	0.034	2.62	12.1	9.7	0.35	223	4.49	0.18	4.9	13.5	1240
\$031371		3.19	17.50	0.12	0.8	0.019	4.11	8.3	21.5	1.17	966	2.98	1.97	3.6	15.5	850
\$031372		4.06	17.40	0.11	0.8	0.030	3.44	8.5	24.1	1.32	947	6.93	2.42	3.8	15.5	910
\$031373		4.45	19.95	0.14	0.9	0.033	3.78	10.4	26.7	1.31	1230	6.43	2.82	4.5	21.6	1360
\$031374		4.13	17.85	0.13	1.0	0.057	3.25	10.3	24.3	1.40	1220	6.68	2.14	3.7	20.1	1000
\$031375		3.39	18.10	0.12	0.8	0.048	4.39	8.9	18.2	1.05	1260	2.53	0.91	3.1	15.0	840
\$031376		3.29	16.35	0.14	0.7	0.063	3.77	10.5	15.5	0.88	1480	14.00	0.98	3.5	15.6	810



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**CERTIFICATE OF ANALYSIS VA20221495** 

Page: 3 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 20-OCT-2020 Account: PREBOW

								CERTIFICATE OF ANALTS					_ 1	<b>V/12</b> 02	21793	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S031339		17.3	129.5	0.043	3.37	5.38	13.6	19	2.9	468	0.28	0.05	3.11	0.312	1.77	3.6
S031340		0.7	1.4	0.002	0.02	0.10	0.3	2	<0.2	83.1	<0.05	<0.05	0.08	0.008	<0.02	0.1
S031341		37.5	128.0	0.027	3.69	6.56	13.5	21	3.9	525	0.33	<0.05	3.36	0.364	2.00	3.3
S031342		16.3	40.1	0.090	2.51	9.45	9.4	14	3.6	737	0.17	<0.05	2.22	0.196	0.58	4.0
S031343 S031344		36.6 56.8	92.0	0.039	1.80	3.41	9.5	15 13	3.5 1.7	1185 304	0.24	<0.05	2.37 3.50	0.244	1.25	1.8
S031345		31.3	136.0	0.022	0.91	3.33	8.4	5	1.6	295	0.26	<0.05	2.49	0.290	1.82	1.2
S031346		28.1	153.5	0.052	1.24	4.47	9.6	7	1.7	298	0.28	<0.05	2.93	0.296	2.19	1.5
S031346CD		30.1	152.5	0.043	1.29	4.56	9.7	7	1.7	295	0.29	<0.05	2.77	0.302	2.15	1.5
S031347		28.2	135.0	0.084	1.25	3.83	8.1	4	1.4	345	0.26	<0.05	2.31	0.281	1.99	1.2
S031348		33.5	124.5	0.041	1.89	5.52	9.4	9	1.6	344	0.26	<0.05	2.76	0.288	1.98	1.4
S031349		24.7	143.0	0.127	2.03	7.26	12.1	10	2.4	311	0.32	<0.05	3.27	0.335	2.28	2.5
S031350		8610	151.0	0.008	2.99	77.4	11.8	3	4.2	141.5	0.33	0.30	3.65	0.249	3.03	2.0
S031351		17.9	111.0	0.185	1.16	5.64	9.6	5	2.2	358	0.28	<0.05	2.59	0.300	1.99	1.2
S031352		26.0	118.0	0.087	1.27	6.44	10.7	6	1.8	384	0.31	<0.05	3.84	0.317	1.92	1.8
S031353		23.9	129.5	0.097	1.03	5.34	9.8	4	1.8	369	0.28	<0.05	2.64	0.317	1.98	1.5
S031354		30.9	144.0	0.075	1.05	10.60	10.2	8	1.8	475	0.35	<0.05	3.28	0.302	2.20	2.0
S031355		26.7	152.0	0.195	2.19	20.6	11.6	6	2.8	484	0.34	<0.05	4.90	0.282	2.11	2.7
S031356		41.7	124.0	0.150	2.38	5.33	8.5	7	1.8	369	0.39	<0.05	5.13	0.277	2.41	2.3
S031357		71.4	88.5	0.157	1.52	4.52	8.9	5	2.9	318	0.23	<0.05	3.94	0.190	1.22	2.9
\$031358		41.2	137.0	0.246	1.57	3.66	7.4	8	1.4	288	0.24	<0.05	2.28	0.258	2.28	1.6
\$031359		28.4	174.5	0.166	1.00	3.46	8.0	4	1.1	309	0.25	<0.05	2.35	0.263	2.50	1.2
\$031360		1.1	2.1	<0.002	0.01	0.10	0.2	1	<0.2	72.0	0.05	<0.05	0.12	0.006	0.02	0.3
\$031361		86.8	156.0	0.224	1.38	5.41	6.8	6	1.2	228	0.23	<0.05	2.17	0.231	2.25	1.4
\$031362		20.4	102.5	0.348	0.86	3.17	10.4	6	3.1	531	0.28	<0.05	3.23	0.227	1.34	3.4
S031363		19.5	126.0	0.092	1.91	1.92	10.4	12	2.3	689	0.30	<0.05	3.05	0.313	1.79	2.4
S031364		11.9	114.0	0.063	1.73	2.20	10.8	9	1.5	297	0.34	<0.05	3.12	0.365	2.49	1.9
S031365		36.4	140.5	0.080	1.77	2.00	12.1	8	1.4	326	0.32	<0.05	3.33	0.348	1.86	1.4
S031366		21.0	137.0	0.079	1.10	1.99	12.6	5	1.3	288	0.34	<0.05	3.51	0.363	2.23	1.7
S031366CD		21.2	143.0	0.099	1.11	1.99	13.2	6	1.5	284	0.33	<0.05	3.56	0.369	2.15	1.8
\$031367		28.1	146.5	0.029	1.21	2.11	10.4	6	1.6	264	0.29	<0.05	2.58	0.334	1.99	1.4
\$031368		17.8	125.5	0.049	0.68	1.67	9.6	3	1.5	277	0.26	<0.05	2.62	0.296	1.96	1.4
\$031369		9.6	126.5	0.064	0.53	2.89	10.3	2	1.5	280	0.28	<0.05	2.88	0.303	1.95	1.2
\$031370		50.3	118.0	<0.002	4.00	33.2	12.8	4	1.7	130.0	0.30	0.31	2.51	0.296	2.19	0.9
\$031371		7.0	139.0	0.029	0.80	3.00	9.2	5	1.3	350	0.28	<0.05	2.44	0.276	2.06	1.0
S031372 S031373 S031374 S031375 S031376		6.2 13.0 11.4 21.7 20.8	117.5 117.0 125.0 188.5 154.0	0.086 0.069 0.084 0.028 0.176	1.22 1.48 1.59 2.16 2.32	2.30 2.36 2.92 5.63 7.40	10.2 13.6 10.5 9.7 8.6	3 3 2 5 5	1.4 1.5 1.6 1.2 1.2	257 311 232 222 214	0.27 0.31 0.27 0.22 0.25	<0.05 <0.05 <0.05 0.07 0.06	2.72 3.36 2.92 2.52 2.67	0.325 0.351 0.306 0.268 0.265	1.78 1.83 1.73 2.33 2.01	1.1 1.3 1.8 1.1



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(ALS	,								CERTIFICATE OF ANALYSIS VA20221495
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	4 pXRF-34 Zr ppm 5
S031339		142	3.1	18.6	142	46.9	17.6	0.4	93
S031340		3	0.1	2.2	4	1.6	3.3	<0.1	8
S031341		141	3.9	16.1	151	44.1	18.7	0.4	92
S031342		135	1.5	12.4	197	33.5	17.2	0.3	59
S031343		155	1.9	12.1	167	36.1	19.0	0.4	90
S031344		111	4.1	8.3	125	25.3	23.1	0.4	130
S031345		104	4.4	7.1	98	23.4	25.7	0.4	117
S031346		105	4.2	8.1	107	27.8	25.8	0.4	121
S031346CD		107	4.1	8.1	107	27.9	26.0	0.4	131
S031347 S031348		107 102	3.7	7.8	86 241	23.4	26.6 24.3	0.4	112 115
\$031349		120	5.0	12.1	126	44.3	22.8	0.5	123
\$031350		123	4.2	8.7	1800	42.3	26.4	0.4	73
\$031351		102	3.6	10.6	94	27.6	24.1	0.4	127
\$031352		107	3.8	12.3	140	42.2	23.4	0.4	140
S031353		114	5.0	10.2	135	29.6	23.8	0.4	124
S031354		106	5.6	10.0	125	48.6	23.1	0.4	145
S031355		101	4.6	13.4	314	55.2	20.8	0.3	121
\$031356 \$031357 \$031358		84 81 93	4.1 3.1 4.4	11.0 10.6 8.4	443 650 178	61.5 58.6 23.9	21.8 18.2 22.8	0.4 0.3	129 94 88
S031359		93	6.1	7.3	107	23.3	25.0	0.4	96
S031360		1	0.1	2.0	6	1.5	3.8	<0.1	8
S031361		90	4.6	9.2	194	23.7	24.2	0.3	89
S031362		120	4.1	14.7	190	63.4	16.4	0.3	78
S031363		129	3.6	12.9	129	33.0	19.0	0.6	94
S031364		123	6.6	12.7	116	28.8	23.0	0.5	135
S031365		124	4.9	12.8	132	25.6	22.3	0.5	119
S031366		129	4.5	11.8	106	35.4	23.9	0.4	139
S031366CD S031367 S031368		132 120 105	4.6 4.3 3.1	9.2 8.6	107 109 122	37.1 25.9 25.3	22.5 26.1 26.5	0.4 0.5 0.4	137 145 130
S031369		110	3.2	10.0	130	22.7	26.6	0.4	124
S031370		136	2.2	7.5	205	28.5	32.7	0.4	77
S031371		99	4.0	9.6	112	21.3	27.2	0.4	119
S031372		122	3.5	8.9	117	22.1	26.2	0.4	146
S031373		132	3.5	12.7	100	28.1	24.6	0.5	130
S031374		119	3.2	9.4	94	30.8	26.7	0.4	140
S031375		104	2.8	10.0	76	23.9	27.1	0.3	115
S031376		96	4.7	9.5	148	20.4	27.2	0.3	96



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20221495** 

Page: 4 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 20-OCT-2020 Account: PREBOW

Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031377		5.96	0.121	2.37	7.48	16.1	1510	0.91	0.12	3.80	0.94	24.9	12.8	50	3.80	212
\$031378		5.30	0.077	0.90	7.58	13.3	1240	0.78	0.09	3.17	0.27	17.35	9.5	33	3.16	183.5
\$031379		5.68	0.058	0.81	7.50	11.2	1130	1.00	0.04	2.24	0.13	16.40	8.3	37	3.74	189.0
\$031380		1.74	<0.005	0.02	0.11	<0.2	20	0.09	0.01	31.4	<0.02	1.04	0.8	1	0.07	2.3
\$031381		5.76	0.051	0.77	7.48	10.0	1230	0.76	0.07	1.96	0.14	20.7	9.6	32	3.11	179.5
\$031382		6.06	0.225	1.19	8.17	4.4	1100	0.97	0.06	2.09	0.21	33.7	17.6	38	2.56	311
\$031383		6.20	0.156	1.21	7.32	5.6	1160	1.01	0.05	3.38	1.64	21.4	11.3	35	3.56	198.5
\$031384		6.22	0.246	1.38	7.28	33.1	1330	0.91	0.06	1.93	1.19	17.45	7.8	29	3.70	211
\$031385		5.66	0.110	1.41	8.04	14.5	1370	1.11	0.07	2.17	1.59	27.2	13.5	40	3.68	298
\$031386		6.08	0.098	1.10	8.13	20.9	1310	1.20	0.04	1.90	0.93	24.6	12.5	38	3.32	229
S031386CD		<0.02	0.093	1.18	8.05	20.3	1280	1.27	0.04	1.84	1.09	24.3	12.6	37	3.41	226
S031387		5.88	0.109	1.30	7.85	18.2	1160	1.25	0.06	2.59	1.19	24.2	11.5	39	2.73	246
S031388		6.20	0.191	1.20	7.98	9.0	1240	1.45	0.06	3.96	1.19	31.4	16.2	36	4.78	227
S031389		6.36	0.237	1.19	7.02	8.1	1740	1.41	0.06	4.46	0.94	26.2	12.9	31	4.63	249
S031390		0.16	1.100	12.90	6.06	311	400	1.09	0.15	3.58	4.20	23.6	10.6	26	6.32	83.4
\$031391		6.26	0.226	0.78	7.67	5.1	2470	1.03	0.04	3.31	0.44	26.7	13.9	36	2.60	208
\$031392		5.90	0.360	0.99	7.61	12.9	2180	1.20	0.05	4.32	0.35	32.7	19.0	31	2.60	297
\$031393		6.06	0.261	0.88	7.64	6.5	1210	1.09	0.04	2.74	0.21	23.4	14.1	35	2.59	197.5
\$031394		6.50	0.304	2.44	7.45	8.1	1060	1.11	0.05	3.21	0.44	27.2	16.6	36	2.94	283
\$031395		5.18	0.502	1.45	7.75	7.4	1410	1.22	0.05	2.91	0.45	25.9	16.3	39	2.93	296
\$031396		6.12	0.586	1.38	7.42	13.2	1490	1.12	0.04	3.43	1.94	26.5	16.5	36	3.14	369
\$031397		7.38	0.260	0.94	7.46	7.6	2050	1.46	0.05	2.92	0.57	27.3	16.6	35	4.84	288
\$031398		5.12	0.300	1.19	7.43	6.7	2100	1.50	0.06	2.89	0.63	25.0	16.8	37	5.22	297
\$031399		5.58	0.293	1.34	8.27	4.7	1950	1.76	0.06	2.75	0.34	34.1	19.8	39	6.24	388
\$031400		1.52	<0.005	0.02	0.23	<0.2	30	0.06	0.02	31.7	0.02	1.17	1.1	4	0.09	6.8



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(763									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	21495	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031377		4.50	17.55	0.13	0.7	0.050	3.25	12.1	25.1	1.46	1420	12.05	2.36	4.3	16.3	1180
\$031378		3.66	16.45	0.14	0.8	0.049	3.82	8.2	20.5	1.00	1050	16.20	2.82	3.2	12.9	700
\$031379		3.37	16.05	0.13	0.8	0.032	3.59	7.6	19.6	0.94	869	23.4	2.73	3.7	11.1	710
\$031380		0.13	0.36	0.13	<0.1	<0.005	0.04	1.1	1.7	2.65	139	0.14	0.04	0.1	0.7	80
\$031381		3.43	16.90	0.15	0.8	0.040	3.76	9.6	22.0	1.12	919	9.96	2.75	3.6	13.5	830
\$031382		4.82	19.70	0.14	1.2	0.036	3.29	14.2	28.3	1.34	1130	10.70	3.52	4.9	22.5	1500
\$031383		3.41	17.20	0.14	1.0	0.035	3.61	10.0	24.3	1.22	1040	10.10	2.65	3.9	16.7	800
\$031384		3.08	16.20	0.13	0.8	0.039	4.03	8.5	20.8	1.00	770	13.75	2.34	3.0	11.9	590
\$031385		4.58	19.55	0.16	0.8	0.054	3.92	12.8	25.8	1.34	1080	10.95	2.61	4.2	20.4	1070
\$031386		4.10	19.25	0.13	1.0	0.044	3.94	11.1	22.9	1.20	987	7.25	2.92	4.7	17.7	1110
S031386CD S031387 S031388 S031389 S031390		4.04 3.76 5.69 4.92 3.89	19.80 18.25 21.9 17.80 13.00	0.14 0.14 0.13 0.12 0.09	1.0 1.0 1.3 1.1	0.037 0.058 0.075 0.110 0.043	3.86 3.62 3.33 2.83 3.87	11.0 11.5 14.2 12.6 11.7	24.1 24.9 38.3 38.9 13.9	1.19 1.28 2.36 3.31 0.54	971 1040 1660 2230 1400	7.21 13.45 7.70 12.00 9.10	2.88 3.17 2.41 2.09 0.21	4.8 4.6 5.1 4.6 4.9	17.9 17.8 24.4 17.7 20.5	1100 1020 1230 960 910
S031391		4.38	18.25	0.12	1.1	0.062	3.69	12.3	27.7	1.61	1460	9.96	2.78	5.4	20.8	1130
S031392		5.34	19.60	0.11	1.2	0.097	3.60	15.7	25.9	1.70	1780	15.95	2.66	5.7	26.4	1580
S031393		3.80	18.55	0.11	1.1	0.051	3.15	9.5	21.7	1.28	1200	11.15	3.29	5.5	20.1	1170
S031394		4.36	18.60	0.11	1.1	0.066	3.04	12.4	15.7	1.30	1280	12.75	3.02	5.6	25.2	1310
S031395		4.46	19.35	0.11	1.2	0.064	3.55	11.3	18.7	1.31	1260	14.75	3.12	5.9	22.4	1340
S031396		4.43	19.10	0.12	1.1	0.086	3.00	11.4	13.3	1.21	1450	35.5	3.13	5.4	21.6	1120
S031397		4.30	20.2	0.13	1.4	0.043	3.69	12.0	18.6	1.21	1260	16.55	2.22	5.8	24.8	1140
S031398		4.25	19.85	0.13	1.2	0.044	3.85	10.8	19.2	1.16	1310	24.0	2.29	6.0	26.4	1170
S031399		4.68	21.9	0.15	1.4	0.037	4.59	14.5	30.1	1.38	1320	15.85	2.15	6.4	30.1	1140
S031400		0.19	0.56	<0.05	0.1	<0.005	0.04	1.2	1.4	2.64	147	0.30	0.12	0.2	2.0	80



To: PRETIVM
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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	21495	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031377		20.1	117.5	0.207	1.82	3.84	11.8	4	1.9	323	0.32	<0.05	3.21	0.368	1.56	1.4
\$031378		12.2	109.5	0.277	1.58	2.67	7.6	2	1.6	328	0.22	<0.05	2.16	0.253	1.68	1.1
\$031379		9.3	108.5	0.362	1.03	2.77	7.7	2	1.3	265	0.29	<0.05	2.57	0.277	1.58	1.3
\$031380		0.9	1.1	0.003	<0.01	0.10	0.2	1	<0.2	72.2	<0.05	<0.05	0.08	0.007	0.02	0.1
\$031381		10.2	107.5	0.133	0.78	2.22	8.0	2	1.4	252	0.27	<0.05	2.69	0.260	1.67	1.3
\$031382		17.2	93.9	0.153	0.94	2.03	12.7	5	1.5	336	0.35	<0.05	4.12	0.371	1.38	1.9
\$031383		23.9	110.5	0.109	0.93	2.12	9.2	3	1.2	272	0.27	<0.05	2.41	0.293	1.53	1.6
\$031384		30.1	131.5	0.166	1.42	3.63	7.5	2	1.2	213	0.23	<0.05	2.16	0.217	1.73	1.0
\$031385		32.2	120.5	0.175	1.54	2.53	10.6	2	1.5	285	0.31	<0.05	3.54	0.336	1.65	1.4
\$031386		30.3	118.0	0.097	1.62	2.39	11.6	3	1.3	303	0.33	<0.05	3.29	0.343	1.68	1.6
S031386CD S031387 S031388 S031389 S031390		30.6 23.9 22.1 18.4 149.0	119.5 100.5 106.5 87.9 162.0	0.095 0.206 0.076 0.110 0.013	1.61 1.90 2.40 1.52 2.80	2.46 2.06 2.32 3.07 18.65	11.8 11.8 13.9 15.1 10.5	3 2 3 3	1.4 1.5 2.1 2.1 1.4	299 327 314 336 189.0	0.34 0.31 0.34 0.29 0.27	<0.05 <0.05 <0.05 <0.05 0.27	3.33 2.95 3.75 3.41 2.88	0.335 0.340 0.376 0.305 0.256	1.67 1.42 1.46 1.23 3.07	1.6 1.4 1.9 1.7 1.6
\$031391		15.0	91.2	0.103	1.10	2.14	12.5	5	1.6	302	0.34	<0.05	3.05	0.351	1.42	1.5
\$031392		12.9	93.4	0.176	1.60	2.68	12.9	4	1.8	380	0.36	<0.05	3.45	0.338	1.32	2.2
\$031393		9.2	86.4	0.117	0.91	2.73	12.3	2	1.6	272	0.35	<0.05	2.98	0.342	1.21	1.7
\$031394		9.7	90.0	0.126	1.38	6.67	13.6	4	1.6	345	0.35	<0.05	3.04	0.340	1.18	1.5
\$031395		12.7	93.7	0.159	1.51	3.99	13.1	6	1.7	321	0.36	<0.05	3.09	0.377	1.30	2.0
\$031396		17.5	95.0	0.463	1.39	3.64	12.4	5	1.8	322	0.32	<0.05	2.77	0.341	1.31	1.5
\$031397		15.7	135.0	0.227	1.44	2.99	14.1	7	1.4	305	0.38	<0.05	3.18	0.353	1.74	1.8
\$031398		17.9	128.5	0.483	1.47	3.11	14.0	6	1.3	328	0.37	<0.05	2.96	0.362	1.71	1.7
\$031399		16.8	150.5	0.214	1.67	3.03	16.1	6	1.4	300	0.41	<0.05	3.73	0.398	2.05	2.2
\$031400		0.7	1.1	0.002	0.03	0.10	0.9	<1	0.2	78.6	<0.05	<0.05	0.08	0.023	0.03	0.2



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20221495** 

Page: 4 - D Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 20-OCT-2020 Account: PREBOW

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5	
\$031377 \$031378 \$031379 \$031380 \$031381		143 95 101 2 98	4.3 3.2 2.8 0.1 2.3	10.1 8.2 6.9 2.0 7.6	195 139 118 5 119	24.2 23.3 21.4 1.7 23.4	23.7 26.6 26.6 4.2 27.8	0.5 0.3 0.3 <0.1 0.3	212 111 108 9 95	
\$031382 \$031383 \$031384 \$031385 \$031386		135 109 77 122 124	3.0 2.8 2.8 3.0 2.3	15.0 10.0 6.8 11.5 11.1	182 191 154 239 185	38.2 29.9 20.3 24.8 31.1	24.8 25.7 28.9 25.5 25.9	0.4 0.4 0.3 0.4 0.4	110 108 97 117 125	
\$031386CD \$031387 \$031388 \$031389 \$031390		122 116 143 121 103	2.3 2.1 2.4 2.1 4.2	11.3 10.8 14.7 13.1 7.8	188 207 330 248 496	32.6 28.7 43.1 39.1 37.2	26.3 26.9 21.7 23.9 27.0	0.4 0.4 0.4 0.3 0.3	121 142 125 111 87	
\$031391 \$031392 \$031393 \$031394 \$031395		118 129 120 127 134	2.4 2.7 3.8 6.8 4.1	11.9 14.9 11.0 12.8 11.6	175 166 132 125 146	36.0 41.3 35.4 35.2 39.3	24.8 22.9 25.4 24.3 24.8	0.4 0.4 0.4 0.4 0.4	122 112 118 122 135	
\$031396 \$031397 \$031398 \$031399 \$031400		117 126 128 143 7	4.7 4.3 2.3 3.0 <0.1	11.0 11.3 11.2 15.6 2.3	222 154 150 164 4	36.8 45.4 42.8 48.7 3.0	24.2 24.6 24.6 22.6 4.8	0.4 0.4 0.4 0.5 0.1	115 118 123 137 <5	



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Project: Bowser Regional Project

**CERTIFICATE OF ANALYSIS VA20221495** 

		CERTIFICATE OF ARACETSIS	V/LOLLI 155
	CERTIFICATE O	COMMENTS	
	AN	NALYTICAL COMMENTS	
Applies to Method:	REEs may not be totally soluble in this method. ME-MS61		
	LA	BORATORY ADDRESSES	
	Processed at ALS Vancouver located at 2103 Dollarton Hw	y, North Vancouver, BC, Canada.	
Applies to Method:	Au-AA23       BAG-01         LOG-21d       LOG-23         PUL-32md       PUL-QC         SPL-21d       WEI-21	CRU-31 ME-MS61 pXRF-34	LOG-21 PUL-32m SPL-21



ALS Canada Ltd. 2103 Dollarton Hwy North Vancouver BC V7H 0A7

Phone: +1 604 984 0221 Fax: +1 604 984 0218

www.alsglobal.com/geochemistry

To: PRETIVM SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET **VANCOUVER BC V7X 1L4** 

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This copy reported on 27-JAN-2021 **Account: PREBOW** 

## VA20221564

Project: Bowser Regional Project

P.O. No.: BOW-1150

This report is for 43 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 1-OCT-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA **COREY JAMES** LEANNE HAWKINS JULIANNE MADSEN STEPHAINE WAFFORN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	:S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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**CERTIFICATE OF ANALYSIS VA20221564** 

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Total # Pages: 3 (A - D)
Plus Appendix Pages
Finalized Date: 25-OCT-2020
Account: PREBOW

											CAILO	I ANA	_1 313	VAZOZ	21307	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031401		7.40	0.384	1.30	7.93	5.9	1820	1.69	0.07	3.40	0.35	27.3	19.0	38	7.86	293
\$031402		5.92	0.371	1.18	8.42	5.5	1750	1.55	0.04	4.53	0.42	31.1	20.8	37	6.31	333
\$031403		6.78	0.331	1.19	8.54	6.8	1900	1.29	0.06	3.36	0.54	26.0	19.8	37	5.39	293
\$031404		6.12	0.236	1.25	8.11	11.8	1850	1.26	0.16	3.16	0.51	25.9	17.3	37	4.49	251
\$031405		5.86	0.222	1.13	7.92	26.8	1620	0.98	0.11	3.28	0.35	25.2	16.5	39	2.69	196.0
S031406		5.54	0.200	0.98	8.09	22.5	1230	0.91	0.08	2.75	0.30	27.5	14.4	39	2.82	212
S031406CD		<0.02	0.229	1.10	7.84	19.0	1300	0.87	0.09	2.95	0.32	25.5	15.4	40	2.66	235
S031407		6.14	0.201	1.41	7.48	11.7	860	1.04	0.14	6.65	5.02	33.7	13.4	32	6.10	219
S031408		5.84	0.216	1.04	7.47	8.5	1640	1.08	0.13	3.40	1.51	22.4	14.8	40	3.63	222
S031409		6.34	0.289	1.36	8.34	5.0	1640	0.98	0.13	2.76	0.95	27.6	14.4	41	2.68	282
\$031410		0.18	5.92	86.8	6.66	322	1470	0.99	1.35	2.08	22.5	26.6	11.2	23	7.71	120.0
\$031411		6.24	0.299	2.00	8.43	8.2	1540	1.11	0.13	2.28	0.89	29.1	17.6	43	3.49	377
\$031412		6.46	0.254	1.43	8.39	6.3	2500	1.09	0.15	2.83	0.99	28.8	14.2	40	3.18	301
\$031413		5.82	0.252	1.25	8.02	12.1	3750	1.55	0.12	3.22	0.43	26.1	15.0	39	4.70	221
\$031414		6.80	0.270	1.25	8.41	7.1	1330	1.78	0.12	2.82	4.03	29.2	18.1	40	6.25	244
\$031415		6.14	0.372	1.36	7.87	11.6	1900	1.64	0.12	5.80	2.24	30.9	19.6	37	8.54	320
\$031416		5.72	0.513	1.75	7.83	44.3	1200	1.47	0.11	6.21	0.44	29.2	15.5	28	10.80	302
\$031417		6.06	0.428	1.44	8.17	20.6	1750	1.32	0.16	3.91	0.43	24.2	19.1	32	7.19	312
\$031418		6.16	0.372	1.58	8.02	6.6	2020	1.16	0.14	3.74	3.39	19.85	17.6	29	3.52	347
\$031419		5.26	0.248	1.73	10.05	10.7	2450	1.60	0.12	2.10	7.49	29.2	19.8	29	8.04	363
\$031420		1.20	<0.005	0.08	0.10	0.4	30	0.05	0.02	36.3	0.03	1.21	0.6	2	0.08	2.5
\$031421		7.18	0.270	1.27	8.48	17.6	2700	1.25	0.07	2.97	1.47	23.6	18.8	30	6.92	275
\$031422		5.78	0.303	1.23	7.79	11.8	1700	1.48	0.08	4.49	0.67	26.4	22.0	37	7.33	272
\$031423		6.96	0.317	1.48	7.52	25.9	1330	1.18	0.08	4.47	0.50	29.3	20.1	36	6.97	306
\$031424		5.72	0.462	1.58	7.34	17.1	1870	1.21	0.09	4.28	0.89	22.8	21.5	27	7.14	348
S031425		4.58	0.358	1.82	8.11	16.9	950	1.24	0.07	3.55	0.51	30.3	22.2	37	9.25	395
S031426		3.84	0.281	1.29	7.73	15.0	790	1.28	0.13	4.23	0.56	29.1	19.4	41	10.25	260
S031426CD		<0.02	0.278	1.25	7.64	16.4	850	1.22	0.14	4.29	0.53	28.9	17.4	37	10.15	243
S031427		4.56	0.294	2.80	6.95	99.3	930	1.25	0.07	5.02	1.11	22.8	13.8	21	12.25	270
S031428		6.48	0.454	1.39	7.76	7.6	2640	0.81	0.07	4.42	1.60	16.65	17.2	7	4.80	316
\$031429		5.50	0.350	1.45	7.82	10.2	2350	0.83	0.06	3.63	0.97	12.50	14.8	7	4.74	315
\$031430		0.12	1.280	29.1	6.10	406	1060	1.19	1.07	0.67	1.68	29.0	14.0	19	8.29	109.5
\$031431		5.80	0.584	2.04	7.80	17.0	2910	0.74	0.06	4.39	1.54	16.25	17.2	8	4.88	439
\$031432		5.48	0.431	1.60	8.09	6.7	3790	0.86	0.03	2.76	1.06	14.70	14.8	8	7.13	357
\$031433		6.32	0.306	1.15	7.22	4.9	3520	0.77	0.03	4.32	1.88	18.90	12.9	8	6.87	249
\$031434		6.40	0.441	0.97	7.67	3.8	1400	0.98	0.04	3.00	2.93	15.95	14.2	8	10.50	206
\$031435		6.42	0.653	1.50	7.83	22.0	1680	1.03	0.04	3.31	14.05	14.75	14.4	9	10.60	304
\$031436		5.60	0.622	1.62	7.72	6.4	1500	1.03	0.05	3.36	1.97	15.00	16.8	11	8.95	342
\$031437		6.10	0.607	2.10	8.29	22.0	1940	1.11	0.04	2.77	0.36	28.8	11.7	2	9.52	358
\$031438		5.94	0.362	0.96	8.12	5.3	1780	0.97	0.02	2.96	0.41	24.8	9.4	2	8.48	193.0



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20221564** 

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											CAILO	יו אויאו	_ 1 313	¥ /\Z \\Z	21307	
Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
S031401		5.15	19.95	0.16	1.4	0.042	4.65	11.7	30.6	1.61	1560	18.00	1.42	6.1	37.8	1460
S031402		5.65	20.7	0.18	1.4	0.085	3.86	14.0	29.1	1.73	2010	34.7	2.34	6.8	42.8	1850
S031403		5.09	20.0	0.20	1.3	0.031	4.33	11.3	24.0	1.42	1510	20.6	2.62	5.7	32.7	1470
S031404		4.81	20.7	0.17	1.2	0.051	3.65	12.0	24.8	1.46	1560	16.90	2.69	6.2	26.6	1470
S031405		4.62	19.70	0.15	0.9	0.067	2.88	11.1	21.6	1.39	1820	9.91	3.47	6.3	24.5	1400
S031406		4.51	20.5	0.16	1.1	0.067	2.45	13.0	22.4	1.55	1760	9.95	3.63	5.9	22.7	1290
S031406CD		4.71	20.7	0.14	1.0	0.055	2.48	11.5	22.4	1.57	1860	9.79	3.58	5.7	23.2	1260
S031407		4.39	18.50	0.16	1.0	0.059	2.73	15.7	22.7	1.38	2210	10.85	2.13	5.3	22.0	1100
S031408		4.00	19.25	0.14	1.2	0.066	3.26	9.8	21.0	1.25	1540	14.70	2.79	6.2	23.5	1310
S031409		4.79	20.9	0.18	1.1	0.052	3.38	12.5	21.9	1.33	1500	10.45	3.53	6.4	24.3	1390
S031410		4.99	13.75	0.13	1.3	1.430	3.89	13.7	13.3	0.51	1270	10.65	0.24	5.7	17.3	980
S031411		4.54	21.2	0.16	1.2	0.043	3.16	13.5	24.1	1.31	1320	34.9	3.61	6.6	25.9	1380
S031412		4.19	20.5	0.19	1.2	0.057	3.18	13.7	21.1	1.23	1400	12.45	3.60	5.9	24.7	1270
S031413		4.56	20.5	0.19	1.1	0.044	3.88	11.1	22.7	1.31	1570	11.40	2.65	6.0	23.0	1180
S031414		5.16	21.3	0.18	1.4	0.024	5.04	12.7	25.0	1.50	1510	7.90	1.73	6.2	31.1	1200
S031415		4.82	20.9	0.18	1.5	0.144	4.37	14.2	28.0	1.62	1990	43.0	1.44	6.5	41.5	1680
S031416		4.60	19.85	0.19	1.2	0.098	3.53	12.8	26.8	1.58	1740	18.25	1.13	4.8	22.9	1310
S031417		4.88	20.5	0.20	1.3	0.041	4.77	10.1	25.2	1.43	1350	16.40	1.92	5.5	28.0	1410
S031418		4.84	20.3	0.16	1.2	0.074	3.26	8.0	22.5	1.35	1420	22.8	3.47	4.6	22.6	1250
S031419		4.52	24.1	0.20	0.9	0.034	5.53	13.6	26.0	1.36	1200	21.5	2.37	5.6	23.9	1180
S031420		0.11	0.36	0.14	<0.1	0.007	0.04	1.3	1.4	2.30	146	0.19	0.04	0.1	0.7	80
S031421		4.42	21.2	0.19	1.3	0.028	5.31	9.9	21.9	1.19	1200	13.10	2.04	5.2	24.6	1220
S031422		5.26	20.7	0.20	1.7	0.063	5.19	11.6	20.4	1.22	1500	46.4	1.44	5.9	51.3	1440
S031423		5.27	18.70	0.16	1.6	0.061	4.53	13.8	23.9	1.49	1520	53.1	1.18	5.8	48.7	1310
S031424		5.29	19.20	0.16	1.7	0.068	4.28	9.7	29.7	1.80	1600	63.2	1.17	6.3	49.8	1250
S031425		4.74	19.80	0.18	2.0	0.027	5.28	13.6	27.4	1.40	1150	79.2	1.04	6.2	51.0	1230
S031426		4.60	19.75	0.20	2.0	0.042	4.89	13.5	25.2	1.26	1250	72.6	0.89	6.1	63.0	1200
S031426CD		4.31	18.85	0.20	1.9	0.037	4.86	13.6	24.3	1.21	1220	61.0	0.81	6.2	50.3	1070
S031427		5.10	16.60	0.15	1.1	0.053	3.67	11.6	23.5	1.21	1390	45.5	0.19	6.8	16.9	1410
S031428		6.14	15.55	0.13	0.6	0.110	4.25	9.2	23.6	1.52	1700	18.10	1.94	9.5	7.1	2140
S031429		4.99	15.80	0.16	0.6	0.051	4.19	6.9	25.3	1.56	1420	16.00	2.42	9.2	5.1	2150
S031430		4.59	13.40	0.14	0.9	0.048	2.79	13.6	10.1	0.37	235	5.14	0.20	5.8	15.1	1290
S031431		5.76	16.70	0.17	0.6	0.050	3.57	9.1	34.1	1.97	1610	29.6	2.37	9.7	7.1	2070
S031432		5.42	15.95	0.15	8.0	0.039	3.56	8.0	39.0	2.09	1540	36.7	2.39	9.7	6.4	1990
S031433		3.99	12.50	0.19	0.7	0.020	3.57	11.2	33.9	1.45	1400	14.25	2.08	8.6	5.6	1540
S031434		4.97	15.15	0.19	0.7	0.035	3.98	8.5	49.0	1.85	1450	10.95	1.74	9.7	5.7	1700
S031435		5.40	16.70	0.21	0.7	0.115	4.40	7.4	43.1	1.85	1670	17.95	1.50	9.0	6.7	1540
S031436		5.11	15.85	0.22	0.6	0.041	4.00	7.5	39.9	1.70	1520	15.20	1.64	9.3	7.1	1640
S031437		4.35	19.10	0.25	1.0	0.037	3.94	13.0	28.6	1.22	1230	23.6	2.19	7.6	2.0	1390
S031438		4.33	18.25	0.20	1.1	0.030	3.74	10.2	28.8	1.36	1460	16.70	2.44	7.5	1.7	1390



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20221564** 

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								<u> </u>			CAILO	I ANA		VAZOZ	21307	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S031401		23.8	129.5	0.217	1.91	3.44	13.8	7	1.7	267	0.37	<0.05	2.89	0.386	2.15	1.6
S031402		14.6	119.0	0.238	1.34	2.80	15.4	6	2.2	356	0.42	<0.05	3.65	0.377	1.69	2.3
S031403		25.8	120.0	0.196	2.37	2.96	14.7	9	1.5	332	0.35	<0.05	3.11	0.405	1.70	1.6
S031404		29.7	106.0	0.202	2.05	2.46	14.0	10	1.5	314	0.38	<0.05	3.10	0.397	1.47	1.5
\$031405		14.0	67.9	0.077	1.38	1.58	12.6	8	1.9	303	0.38	<0.05	3.04	0.389	1.07	1.8
\$031406		11.5	63.8	0.081	1.14	1.68	12.7	8	1.7	286	0.36	<0.05	2.84	0.380	0.97	1.4
\$031406CD		13.7	55.2	0.079	1.28	1.55	12.5	9	1.5	300	0.34	<0.05	2.62	0.378	0.95	1.5
\$031407		80.4	121.5	0.114	2.26	2.53	12.3	8	1.6	309	0.31	<0.05	3.53	0.337	1.35	1.7
\$031408		37.4	91.9	0.108	1.42	1.79	12.2	7	1.6	273	0.37	<0.05	2.78	0.379	1.23	1.5
\$031409 \$031410 \$031411 \$031412 \$031413		9410 24.8 20.8 25.5	80.8 162.0 86.0 89.8 113.0	0.076 0.004 0.244 0.074 0.088	3.23 1.66 1.36 1.36	79.1 1.42 1.47 1.47	13.7 12.2 13.2 13.5 12.7	3 10 7 7	1.7 4.1 1.4 1.8 1.8	290 153.0 307 404 496	0.38 0.33 0.39 0.34 0.36	<0.05 0.31 <0.05 <0.05 <0.05	3.12 3.89 3.58 3.37 3.01	0.385 0.268 0.412 0.382 0.382	1.16 3.36 1.17 1.16 1.56	2.1 2.1 1.6 1.4
\$031414 \$031415 \$031416 \$031417 \$031418 \$031419		29.3 12.2 13.5 15.2 17.3 29.4	146.0 143.0 148.5 129.5 77.4 172.0	0.059 0.257 0.132 0.111 0.152 0.179	2.20 1.27 1.93 2.34 1.40 1.68	2.40 3.98 2.10 1.39 2.24	14.4 14.9 13.3 14.2 12.2 15.3	9 5 6 9 7 6	1.5 3.1 2.5 1.9 1.8 1.8	391 292 218 272 370 263	0.39 0.39 0.29 0.32 0.27 0.32	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05	3.27 3.27 3.03 2.55 2.15 3.29	0.402 0.360 0.359 0.391 0.379 0.425	2.10 1.84 1.62 1.89 1.30 2.18	1.9 2.2 1.7 1.3 2.1 1.2
S031420 S031421 S031422 S031422 S031423 S031424		6.0 20.4 16.4 29.0 19.9	1.3 122.0 123.0 128.5 107.5	<0.002 0.077 0.099 0.149 0.159	0.01 1.91 2.13 2.04 1.77	0.20 1.85 1.70 2.15 1.87	0.2 13.0 15.4 14.9 13.5	1 11 10 11 9	<0.2 1.7 2.6 2.7 2.4	86.3 283 323 262 247	<0.05 0.31 0.35 0.34 0.37	<0.05 <0.05 <0.05 <0.05 <0.05	0.09 2.53 3.04 3.13 2.33	0.007 0.394 0.378 0.348 0.321	0.03 2.10 2.02 1.71 1.80	0.1 1.4 3.0 3.5 3.6
\$031425		24.7	149.0	0.222	2.62	2.13	14.3	12	1.8	228	0.35	<0.05	3.28	0.362	2.09	3.8
\$031426		39.4	147.0	0.078	2.78	2.29	13.4	17	2.4	200	0.39	<0.05	3.32	0.348	1.99	4.6
\$031426CD		34.1	153.0	0.082	2.57	2.33	13.2	14	2.4	198.0	0.38	<0.05	3.76	0.336	1.96	4.7
\$031427		22.5	162.0	0.312	3.12	4.24	16.9	9	3.0	132.0	0.34	0.06	2.49	0.358	1.80	2.3
\$031428		23.1	109.5	0.147	1.01	1.20	27.3	9	3.4	320	0.47	<0.05	2.04	0.306	1.45	0.9
\$031429		19.3	90.3	0.131	1.51	1.43	23.9	12	1.7	371	0.46	<0.05	1.59	0.305	1.33	0.7
\$031430		58.1	134.0	<0.002	4.34	37.3	14.2	5	1.9	142.5	0.30	0.30	2.69	0.312	2.38	1.0
\$031431		20.8	98.1	0.220	1.43	1.68	25.1	13	1.6	533	0.46	<0.05	1.92	0.280	1.17	0.9
\$031432		16.8	104.0	0.471	0.83	1.51	22.4	9	1.6	1120	0.50	<0.05	1.94	0.278	1.32	0.9
\$031433		11.9	111.0	0.167	0.77	1.05	22.0	7	1.3	471	0.44	<0.05	2.05	0.225	1.29	0.8
\$031434		12.2	131.0	0.125	0.62	1.17	23.6	7	1.8	251	0.49	<0.05	1.85	0.250	1.54	0.9
\$031435		12.3	124.0	0.221	1.16	1.49	24.1	11	2.0	220	0.44	<0.05	1.74	0.253	1.65	0.9
\$031436		15.4	131.5	0.149	1.10	1.49	24.8	11	1.7	221	0.46	<0.05	1.76	0.260	1.55	0.8
\$031437		9.0	138.0	0.218	0.94	1.81	14.4	5	1.4	193.0	0.39	<0.05	2.60	0.392	1.62	1.2
\$031438		5.3	115.5	0.118	0.14	1.31	13.3	1	1.4	215	0.39	<0.05	2.45	0.387	1.49	1.0



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(ALS	,								CERTIFICATE OF ANALYSIS VA20221564
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$031401 \$031402 \$031403 \$031404 \$031405		155 159 161 144 132	3.0 2.9 3.4 4.1 4.1	15.4 21.3 17.6 16.0 13.8	179 200 167 197 175	42.4 45.2 40.6 40.7 33.2	21.8 22.2 22.8 23.9 24.0	0.4 0.4 0.4 0.4	104 100 103 116 120
S031406		136	3.6	15.3	183	34.4	23.7	0.4	121
S031406CD		137	3.4	14.1	194	32.8	25.1	0.4	112
S031407		123	2.8	16.6	322	32.9	22.6	0.3	109
S031408		138	3.4	13.6	219	37.5	24.1	0.4	129
S031409		145	3.6	16.3	194	34.7	23.5	0.4	133
S031410 S031411 S031412 S031413 S031414		129 147 136 128 150	4.2 4.0 3.6 2.7 3.5	9.9 15.5 15.8 16.1 18.7	1990 180 182 186 264	47.2 38.4 37.5 36.2 47.4	27.5 26.0 25.1 24.1 22.7	0.3 0.4 0.4 0.5 0.5	75 127 120 129
S031415		160	3.4	20.3	221	45.4	20.8	0.4	91
S031416		137	4.1	18.6	149	35.0	21.3	0.4	92
S031417		162	4.9	17.5	156	41.3	22.3	0.4	110
S031418		150	3.1	13.5	220	38.4	23.6	0.4	109
S031419		153	7.8	16.9	271	28.0	22.9	0.4	111
\$031420		2	<0.1	2.4	6	1.8	3.2	<0.1	<5
\$031421		151	5.3	15.8	164	40.1	23.8	0.5	130
\$031422		218	2.9	19.3	166	63.2	22.0	0.4	118
\$031423		201	3.5	19.2	175	54.3	22.1	0.4	110
\$031424		217	2.8	17.4	202	59.1	21.9	0.4	90
\$031425		224	4.9	19.8	125	66.1	24.1	0.4	103
\$031426		284	3.5	16.6	137	66.5	24.1	0.4	93
\$031426CD		236	3.8	16.4	129	62.5	23.5	0.4	105
\$031427		277	4.3	16.4	156	33.5	24.0	0.4	67
\$031428		293	1.7	12.3	287	14.1	22.5	0.4	36
\$031429 \$031430 \$031431 \$031432 \$031433		262 144 260 253 181	2.2 2.5 3.9 8.1 2.5	10.0 9.1 11.2 10.0 11.7	220 206 271 306 240	14.8 34.4 18.4 21.2 19.5	23.6 30.7 22.0 23.0 24.1	0.3 0.3 0.4 0.4	41 77 43 51 40
\$031434		223	1.6	11.4	344	21.4	23.3	0.3	41
\$031435		213	1.8	11.5	1060	23.1	22.0	0.3	47
\$031436		217	1.8	11.3	353	19.6	22.3	0.3	45
\$031437		125	3.6	17.8	203	41.0	25.6	0.4	121
\$031438		120	4.1	15.8	240	42.5	23.6	0.4	128



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(ALS	,								С	ERTIFI	CATE O	F ANA	LYSIS	VA202	21564	
Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 AI % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
S031439 S031440 S031441	LOD	3.66 1.34 4.40	0.270 <0.005 0.151	1.15 0.02 0.74	8.12 0.12 7.60	6.2 0.2 4.9	1640 30 2690	1.02 0.05 0.94	0.01 0.02 0.08 0.02	2.97 33.5 4.17	0.02 0.49 0.02 0.94	22.1 1.12 28.7	10.7 0.8 9.3	2 1 2	7.92 0.16 7.44	220 5.3 136.0



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									С	ERTIFI	CATE O	F ANA	LYSIS	VA202	221564	
Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
S031439 S031440 S031441		4.67 0.16 4.45	19.00 0.45 18.00	0.22 0.17 0.21	1.0 0.1 0.9	0.028 0.007 0.032	3.42 0.03 3.38	8.8 1.2 13.3	29.1 2.2 22.8	1.38 2.67 1.17	1480 149 1580	16.80 0.24 10.45	2.67 0.04 2.68	7.4 0.2 7.3	1.7 0.6 1.8	1400 80 1350



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(, ,,									С	ERTIFIC	CATE O	F ANA	LYSIS	VA202	21564	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
5031439 5031440 5031441		7.8 1.2 4.5	103.5 1.6 99.1	0.139 <0.002 0.081	0.20 0.01 0.31	1.16 0.14 1.21	13.5 0.3 12.9	3 1 3	1.7 <0.2 1.6	219 82.4 300	0.37 <0.05 0.40	<0.05 <0.05 <0.05	2.46 0.07 2.32	0.389 0.007 0.378	1.24 0.03 1.24	1.1 0.1 1.0



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									C	CERTIFICATE OF ANALYSIS	VA20221564
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5		
S031439 S031440 S031441		121 2 117	3.8 <0.1 3.1	17.1 2.3 18.1	237 6 204	40.9 2.2 37.1	23.9 4.5 23.4	0.4 <0.1 0.4	128 10 119		



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		CERTIFICATE COI	MMENTS			
	REEs may not be totally soluble i		YTICAL COMMENTS			
Applies to Method:	ME-MS61					
	LABORATORY ADDRESSES					
A continue de Made a de	Processed at ALS Vancouver loca			105.21		
Applies to Method:	Au-AA23 LOG-21d	BAG-01 LOG-23	CRU-31 ME-MS61	LOG-21 PUL-32m		
	PUL-32md	PUL-QC	pXRF-34	SPL-21		
	SPL-21d	WEI-21				



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This copy reported on

27-JAN-2021 Account: PREBOW

## VA20224819

Project: Bowser Regional Project

P.O. No.: BOW-1151

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 5-OCT-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA
LEANNE HAWKINS COREY JAMES JULIANNE MADSEN
STEPHAINE WAFFORN

SAMPLE PREPARATION					
ALS CODE	DESCRIPTION				
WEI-21	Received Sample Weight				
PUL-32md	Pulverize 500g-DUP -85%<75um				
LOG-21	Sample logging - ClientBarCode				
CRU-31	Fine crushing - 70% <2mm				
PUL-QC	Pulverizing QC Test				
SPL-21	Split sample - riffle splitter				
PUL-32m	Pulverize 500g - 85%<75um				
BAG-01	Bulk Master for Storage				
LOG-23	Pulp Login - Rcvd with Barcode				
LOG-21d	Sample logging - ClientBarCode Dup				
SPL-21d	Split sample - duplicate				

	ANALYTICAL PROCEDURE	:S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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**CERTIFICATE OF ANALYSIS VA20224819** 

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											CATIL	1 / (14/ (1		<b>V</b> /\LOZ	2 1013	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61								
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031451		3.68	0.070	0.30	7.36	35.9	1010	1.64	0.15	3.37	0.17	26.3	16.4	31	9.20	24.2
\$031452		5.52	0.033	0.44	7.78	16.0	1390	1.26	0.14	5.37	0.20	40.5	14.6	31	6.39	95.2
\$031453		6.26	0.011	0.40	7.86	8.2	550	1.27	0.07	2.95	0.38	32.5	16.6	30	4.43	195.0
\$031454		5.00	0.023	0.44	7.97	7.4	1310	1.39	0.07	2.70	0.52	31.6	17.9	72	4.06	239
\$031455		5.36	0.018	0.44	7.67	8.0	1180	1.15	0.07	2.09	0.75	24.3	20.1	168	4.00	248
\$031456		6.44	0.019	0.47	7.97	9.4	1450	1.38	0.06	2.02	1.32	23.0	19.6	175	4.34	242
\$031457		5.54	0.012	0.32	7.75	10.1	1460	1.18	0.04	2.00	0.48	21.3	19.9	187	4.18	106.0
\$031458		4.66	0.009	0.24	7.65	15.3	1060	0.90	0.05	2.33	0.75	17.40	16.4	185	3.57	49.7
\$031459		4.88	0.012	0.32	7.30	25.2	1080	1.33	0.05	2.15	0.56	18.60	17.8	229	5.57	64.6
\$031460		1.02	<0.005	0.01	0.15	0.3	30	0.10	0.02	32.7	<0.02	1.25	0.8	3	0.08	2.1
\$031461		4.96	0.015	0.63	6.98	38.1	740	1.01	0.08	2.99	0.68	23.7	21.1	169	5.12	78.8
\$031462		5.00	0.035	0.63	7.22	34.6	1270	1.18	0.14	2.75	0.40	21.6	13.6	99	5.65	84.8
\$031463		4.04	0.154	1.04	7.38	39.1	710	1.83	0.16	5.42	1.09	43.3	18.4	28	5.55	179.0
\$031464		5.32	0.040	0.99	7.74	62.9	1320	1.30	0.09	2.70	0.87	26.2	14.7	37	6.34	113.0
\$031465		6.22	0.087	1.10	7.37	134.0	1050	1.36	0.13	2.73	0.51	23.0	13.7	36	7.03	72.8
\$031466		6.18	0.163	0.63	7.58	138.0	950	1.35	0.11	2.20	0.44	19.95	11.1	47	7.59	45.5
\$031466CD		<0.02	0.161	0.68	7.44	135.5	940	1.32	0.11	2.15	0.44	19.10	10.3	45	7.34	41.8
\$031467		5.70	0.095	0.28	6.99	80.3	840	1.13	0.05	2.89	1.08	13.90	6.8	39	5.79	6.3
\$031468		5.52	0.616	0.49	7.17	41.9	890	1.12	0.04	2.20	0.94	18.35	5.8	37	5.83	6.9
\$031469		5.64	0.243	0.30	6.77	31.4	1070	0.93	0.03	2.25	1.37	12.00	3.9	26	4.48	6.8
\$031470		0.18	0.986	13.10	5.99	314	430	1.22	0.18	3.61	4.52	25.4	11.0	26	7.42	89.7
\$031471		4.98	0.319	0.33	6.87	41.0	880	0.92	0.05	1.78	0.77	12.20	4.0	24	4.78	5.5
\$031472		4.84	0.050	0.31	7.04	43.5	1120	0.98	0.08	1.79	2.41	14.75	4.3	28	4.80	23.9
\$031473		5.48	0.030	0.21	6.81	23.2	1530	1.03	0.05	2.06	0.83	15.80	6.0	29	4.99	5.8
\$031474		5.94	0.064	0.21	7.33	17.3	1040	0.93	0.04	2.07	0.63	14.20	9.5	46	4.89	8.8
\$031475		5.42	0.065	0.53	7.11	8.7	1060	0.99	0.06	2.25	1.17	16.95	13.5	53	4.82	49.3
\$031476		5.34	0.030	0.88	7.43	7.4	1130	1.20	0.06	2.69	0.65	24.5	16.1	47	5.51	94.0
\$031477		4.82	0.046	0.66	6.58	9.9	390	1.49	0.08	5.51	0.59	27.0	17.5	28	7.69	79.9
\$031478		5.36	0.085	0.17	7.03	6.8	1110	0.85	0.04	2.25	0.16	10.25	5.2	21	5.77	2.5
\$031479		5.24	0.215	0.21	6.30	24.1	910	0.85	0.10	2.92	0.13	12.55	6.9	26	5.89	5.5
\$031480		0.82	<0.005	0.01	0.09	0.6	20	0.07	0.02	31.8	0.02	1.15	0.6	2	0.07	1.7
\$031481		5.60	0.763	0.39	7.43	29.7	1230	0.82	0.06	2.22	0.09	18.60	7.7	35	5.47	22.5
\$031482		5.18	0.080	0.44	7.20	18.6	1140	1.02	0.10	2.72	0.12	22.8	12.2	34	6.44	71.4
\$031483		5.60	0.131	0.64	7.24	22.2	310	0.91	0.16	4.98	0.12	30.7	15.9	32	5.40	128.0
\$031484		5.30	0.040	0.82	7.38	17.8	400	1.72	0.14	3.06	0.15	31.5	21.9	40	8.25	167.5
S031485		6.46	0.062	0.56	7.41	27.2	610	1.12	0.11	2.77	0.24	32.8	14.5	35	7.21	99.5
S031486		4.76	1.435	0.81	7.02	21.6	1320	1.22	0.10	2.78	0.11	29.1	10.4	23	7.38	114.0
S031486CD		<0.02	1.840	1.05	7.78	22.6	1370	1.29	0.11	2.81	0.12	38.0	11.5	25	7.68	128.0
S031487		4.76	0.091	0.46	7.97	27.4	1330	1.56	0.10	2.41	0.45	32.7	7.1	13	7.92	69.3
S031488		5.86	0.102	0.61	7.55	23.0	850	1.19	0.07	3.02	0.14	25.6	15.6	30	5.11	115.0



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	24819	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S031451		3.86	20.6	0.09	1.2	0.036	3.07	11.8	23.2	1.43	1040	0.87	1.42	5.3	26.5	990
S031452		3.65	17.60	0.11	1.2	0.049	2.45	19.8	23.1	1.66	1580	0.87	2.23	4.9	31.7	1540
S031453		4.19	19.80	0.09	1.3	0.033	2.49	14.6	21.4	1.49	1100	0.85	3.17	5.4	24.4	1220
S031454		4.33	21.0	0.10	1.2	0.042	2.17	14.1	30.6	1.83	1310	0.93	3.59	6.4	70.8	1460
S031455		4.59	18.60	0.11	0.9	0.062	2.75	11.9	27.7	1.87	1200	0.64	3.01	5.9	101.5	910
\$031456		4.32	19.40	0.10	0.7	0.078	2.53	10.6	31.0	1.91	1150	0.70	3.23	6.3	110.5	950
\$031457		4.37	17.95	0.09	0.9	0.077	2.29	10.2	34.7	2.23	1300	0.79	3.08	5.5	104.5	890
\$031458		4.45	14.35	0.08	1.0	0.080	1.83	8.2	29.1	2.11	1230	0.97	3.22	4.2	85.4	800
\$031459		4.51	17.40	0.10	1.4	0.069	2.47	9.0	25.1	1.83	1060	0.93	2.67	5.2	92.3	850
\$031460		0.13	0.42	0.06	0.1	0.005	0.03	1.4	1.6	2.01	143	0.09	0.05	0.3	2.1	80
\$031461		4.84	16.55	0.11	1.3	0.084	2.24	11.0	15.9	1.72	1060	12.70	2.63	5.4	81.0	870
\$031462		3.75	17.30	0.09	1.4	0.083	2.84	10.0	21.1	1.55	955	1.21	2.53	5.3	49.3	860
\$031463		4.38	19.75	0.11	1.4	0.056	2.96	20.1	19.4	1.50	1020	0.84	2.37	6.0	27.1	2010
\$031464		3.58	20.7	0.09	1.3	0.105	2.80	11.8	18.7	1.27	1020	1.85	2.76	5.8	21.6	920
\$031465		3.57	19.25	0.09	1.2	0.131	2.55	9.9	23.2	1.17	1000	2.06	2.33	5.5	20.1	510
S031466		3.63	18.70	0.08	1.0	0.087	2.36	8.6	21.1	1.05	651	3.45	2.65	4.9	18.1	560
S031466CD		3.46	18.25	0.08	1.0	0.084	2.29	8.0	20.4	1.02	633	3.61	2.62	4.9	17.5	540
S031467		2.79	16.10	0.07	0.8	0.051	1.93	5.4	12.6	0.69	472	3.92	2.85	3.7	14.2	400
S031468		2.25	15.10	0.07	0.8	0.051	2.12	8.2	7.8	0.50	460	6.40	2.90	3.3	12.3	470
S031469		1.64	14.20	0.06	0.7	0.043	2.19	4.8	7.0	0.40	407	2.48	2.85	2.4	8.5	410
\$031470		3.84	13.60	0.07	1.2	0.049	3.90	12.7	13.0	0.52	1340	10.10	0.21	5.3	21.4	900
\$031471		1.56	14.85	0.06	0.7	0.032	1.92	5.0	7.3	0.41	360	2.68	3.09	2.2	8.3	440
\$031472		1.86	12.95	0.06	0.7	0.044	2.24	6.9	7.1	0.50	429	1.97	2.83	2.4	11.4	530
\$031473		1.78	14.10	0.07	0.8	0.030	2.63	9.8	8.7	0.44	362	2.89	2.73	2.4	15.8	520
\$031474		2.84	13.10	0.07	0.7	0.026	2.41	7.2	16.8	0.84	463	3.87	3.03	2.5	22.8	530
\$031475		3.08	15.70	0.08	0.9	0.020	2.43	10.2	21.2	1.03	654	4.01	3.01	3.1	32.1	570
\$031476		3.35	18.50	0.09	1.1	0.014	2.79	11.6	19.3	1.16	1040	2.34	2.83	4.4	35.3	910
\$031477		3.83	18.20	0.07	1.0	0.019	3.38	12.8	17.0	0.93	1070	1.22	1.35	4.1	22.9	1040
\$031478		1.79	13.75	0.07	0.6	0.023	2.42	4.5	12.0	0.60	401	8.93	2.64	2.0	8.2	430
\$031479		2.46	14.10	0.07	0.7	0.046	2.21	5.9	11.0	0.52	386	3.87	2.51	2.6	10.1	450
\$031480		0.12	0.26	0.06	<0.1	<0.005	0.02	1.3	1.0	2.07	129	0.12	0.03	0.1	1.2	70
\$031481		2.78	16.05	0.09	1.0	0.053	2.35	8.2	10.6	0.67	537	7.94	3.11	4.1	11.5	680
\$031482		3.17	17.75	0.07	1.2	0.049	2.62	12.0	17.1	1.02	709	3.03	2.77	4.6	14.8	720
\$031483		4.87	15.90	0.09	1.4	0.160	2.88	14.9	14.9	1.48	1210	0.97	2.16	4.4	32.6	1370
\$031484		4.76	22.7	0.11	1.7	0.089	3.48	13.5	22.0	1.65	1360	1.05	1.46	6.6	50.8	1470
S031485		4.17	18.55	0.08	1.5	0.060	3.65	15.9	11.6	1.26	994	1.59	1.71	5.4	21.8	1060
S031486		3.13	17.85	0.08	1.9	0.063	3.06	14.2	14.1	1.05	925	2.57	1.82	7.4	15.7	920
S031486CD		3.31	19.15	0.09	1.9	0.068	3.19	19.7	15.4	1.13	949	2.43	1.85	7.6	16.4	950
S031487		2.94	18.20	0.07	2.6	0.082	3.86	15.8	17.4	0.85	680	7.59	1.41	10.8	9.2	470
S031488		3.43	19.90	0.08	1.4	0.211	2.18	11.1	27.4	1.44	1000	5.58	2.96	6.3	19.5	1030



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20224819** 

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								<u> </u>			CAILO	I ANAI	_ 1	V/ (L O L	27013	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S031451		32.9	103.0	<0.002	2.69	2.86	13.4	9	1.3	235	0.34	<0.05	3.32	0.336	2.88	1.4
S031452		33.6	96.9	0.003	2.11	2.02	14.9	7	1.5	370	0.33	<0.05	3.94	0.337	1.87	1.5
S031453		33.1	76.5	0.003	2.83	1.43	16.3	10	0.9	435	0.34	<0.05	3.41	0.357	1.89	1.5
S031454		48.8	64.8	0.003	2.69	1.27	18.9	10	1.4	381	0.39	<0.05	3.47	0.381	1.74	1.5
S031455		46.3	72.7	<0.002	2.55	1.25	16.4	14	1.7	466	0.36	<0.05	2.42	0.343	2.19	0.8
S031456		63.4	76.1	0.002	2.41	1.53	16.7	16	2.3	436	0.38	<0.05	2.59	0.363	2.24	0.7
S031456 S031457 S031458 S031459 S031460		47.2 39.7 43.1 1.1	76.1 63.9 51.2 73.6 1.0	0.002 0.002 0.009 0.003 <0.002	2.41 2.31 2.53 2.75 0.02	1.27 1.28 2.50 0.08	15.7 15.7 12.5 15.1 0.3	15 15 19 1	2.3 2.6 2.4 <0.2	442 453 439 83.3	0.35 0.27 0.33 <0.05	<0.05 <0.05 <0.05 <0.05 <0.05	2.39 2.42 2.16 2.00 0.11	0.363 0.367 0.338 0.370 0.008	1.94 1.45 2.26 0.03	0.7 1.1 1.2 2.2 0.2
S031461 S031462 S031463 S031464 S031465		38.9 49.3 36.6 51.7 56.9	82.6 85.6 102.0 87.7 90.6	0.032 0.011 0.007 0.008 0.005	3.42 2.36 3.30 1.76 2.00	5.07 2.84 3.01 2.46 2.65	18.2 13.0 15.3 14.3 13.0	23 15 18 12 13	2.3 2.1 1.6 2.7 3.0	500 414 455 401 326	0.34 0.34 0.38 0.38 0.36	0.05 <0.05 0.06 <0.05 <0.05	2.42 2.74 4.69 3.36 2.85	0.383 0.313 0.351 0.360 0.330	1.91 2.35 2.30 2.38 2.31	2.7 1.7 1.6 1.3
S031466		49.5	85.6	0.012	2.42	2.50	11.1	13	2.8	323	0.36	<0.05	3.57	0.327	1.96	1.5
S031466CD		48.2	83.9	0.013	2.27	2.34	10.8	13	2.6	321	0.35	<0.05	2.95	0.317	1.95	1.4
S031467		44.4	69.0	0.010	1.52	1.74	7.7	9	2.1	329	0.27	<0.05	2.47	0.238	1.56	1.3
S031468		62.7	71.9	0.022	0.99	1.91	7.2	7	2.2	310	0.25	<0.05	2.25	0.214	1.59	2.4
S031469		54.7	72.5	0.007	0.72	1.92	4.9	5	1.5	337	0.18	<0.05	1.62	0.154	1.65	1.5
S031470		149.0	177.5	0.010	2.74	19.85	12.6	2	1.4	191.0	0.30	0.30	3.26	0.244	3.21	1.8
S031471		56.4	69.2	0.003	0.85	1.62	5.1	5	1.2	312	0.16	<0.05	1.81	0.133	1.39	1.4
S031472		78.6	73.2	0.005	1.34	1.92	5.8	6	1.3	424	0.18	<0.05	1.87	0.178	1.47	1.3
S031473		64.1	85.4	0.007	1.44	1.79	5.5	8	1.2	448	0.18	<0.05	1.75	0.155	1.82	1.1
S031474		40.3	71.8	0.008	2.25	1.56	6.8	13	1.2	397	0.18	<0.05	1.74	0.192	1.55	0.9
S031475		48.6	72.2	0.008	2.18	1.69	8.1	12	0.9	348	0.23	<0.05	1.90	0.203	1.72	1.2
S031476		59.9	81.4	0.007	2.17	2.06	11.5	9	0.8	343	0.31	<0.05	2.86	0.271	1.81	1.5
S031477		52.5	102.5	0.005	3.08	3.09	10.3	8	0.7	313	0.27	<0.05	2.98	0.251	2.25	1.6
S031478		28.4	83.5	0.030	1.15	1.80	4.4	8	0.8	262	0.15	<0.05	1.68	0.129	1.70	1.1
S031479		30.7	71.6	0.010	2.04	1.86	5.2	11	1.4	271	0.18	<0.05	1.53	0.160	1.64	1.2
S031480		0.7	0.7	<0.002	<0.01	0.09	0.2	1	<0.2	76.9	<0.05	<0.05	0.10	0.005	0.02	0.1
S031481		12.6	81.9	0.029	1.92	1.99	8.3	12	1.8	310	0.29	<0.05	2.41	0.255	1.76	1.6
S031482		16.6	83.2	0.010	2.22	2.13	10.0	13	1.3	394	0.32	<0.05	2.69	0.284	1.97	2.0
S031483		29.8	84.1	0.007	3.70	2.45	13.1	17	2.4	389	0.29	0.05	3.45	0.333	1.76	2.3
S031484		31.3	108.5	<0.002	3.36	6.54	17.5	18	1.8	298	0.42	0.05	4.13	0.363	2.59	2.8
S031485		31.7	112.5	0.004	3.06	24.8	11.7	11	1.4	399	0.36	<0.05	3.30	0.347	2.51	2.4
S031486		37.7	92.2	0.010	2.01	5.50	8.6	10	1.8	263	0.52	<0.05	6.01	0.265	2.25	3.2
S031486CD		38.2	121.0	0.008	2.15	5.89	9.9	11	1.9	272	0.53	0.05	7.76	0.274	2.33	3.8
S031487		40.4	132.5	0.047	2.34	4.01	5.2	10	1.9	261	0.91	<0.05	14.15	0.166	2.70	4.6
S031488		20.3	71.1	0.007	1.92	2.31	12.9	11	2.8	398	0.40	<0.05	3.85	0.348	1.79	1.6



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(ALS	,								CERTIFICATE OF ANALYSIS VA20224819	
	Method	ME-MS61 V	ME-MS61 W	ME-MS61 Y	ME-MS61 Zn	ME-MS61 Zr	pXRF-34 Si	pXRF-34 Ti	pXRF-34 Zr	
	Analyte	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
Sample Description	Units LOD	1 ppin	0.1	0.1	2	0.5	0.5	0.1	5	
	LOD									
S031451		113	1.7	14.1	72	39.4	25.0	0.4	113	
S031452		115	2.7	22.8	95	38.1	23.8	0.4	101	
5031453		111	2.1	18.5	87	42.9	23.8	0.4	121	
S031454		129	2.6	22.0	99	41.0	25.3	0.4	109	
S031455		123	1.2	16.7	106	29.2	25.5	0.4	116	
S031456		133	1.9	14.7	132	24.9	25.9	0.4	123	
5031457		142	2.6	14.0	139	28.6	25.9	0.4	118	
S031458		137	3.4	9.3	150	33.3	25.8	0.4	111	
S031459		164 2	2.7 0.1	9.8 2.7	127 4	45.9	26.0 3.7	0.4 0.1	124	
S031460						1.9			<5	
5031461		160	7.3	12.4	115	42.3	24.5	0.4	113	
5031462		126	1.4	13.5	118	48.2	25.8	0.4	140	
5031463		130	1.8	21.1	138	45.7	22.7	0.4	95	
5031464		129	3.2	13.5	138	42.1	26.3	0.4	144	
5031465		109	2.2	11.8	97	37.5	26.6	0.4	136	
5031466		119	7.2	8.4	90	30.6	26.8	0.4	156	
5031466CD		116	5.6	8.1	89	32.0	28.2	0.4	152	
5031467		156	1.7	6.5	116	26.8	28.2	0.3	103	
S031468		195	1.6	6.9	94	26.7	31.0	0.3	95	
S031469		63	1.2	4.8	104	23.3	31.9	0.2	81	
S031470		103	5.5	9.7	461	38.7	28.6	0.4	90	
S031471		56	1.1	5.5	65	22.6	33.5	0.2	81	
S031472		69	1.4	6.3	191	22.5	32.4	0.2	83	
S031473		57	1.2	5.9	66	24.1	32.2	0.3	73	
S031474		83	1.2	6.2	89	21.8	30.1	0.2	83	
5031475		82	1.5	7.7	118	28.1	29.2	0.3	90	
5031476		104	3.8	9.7	106	37.9	28.0	0.4	87	
5031477		94	4.8	12.6	73	34.3	24.8	0.4	86	
S031478		53 63	0.9 1.2	5.1	39	20.1 22.1	32.0 30.1	0.2	74 68	
5031479				5.6	34			0.2		
5031480		2	<0.1	2.1	3	1.5	3.9	<0.1	<5	
5031481		97	3.4	8.0	45	31.5	29.5	0.4	116	
5031482		107	6.3	8.3	58	39.8	27.2	0.4	111	
S031483 S031484		137 148	3.1 8.3	13.3 15.6	74 89	44.7 58.7	22.7 24.4	0.4 0.5	100 92	
5031485		144	4.9	11.5	85	49.8	25.1	0.5	123	
5031486		82	2.5	10.3	57 60	61.0	28.3	0.3	112	
S031486CD		85 50	2.6	12.1	60	64.1	27.6	0.3	116	
S031487		52 100	2.1	10.9	62	80.7	28.7	0.2	121	
S031488		109	2.7	12.2	81	44.6	27.5	0.4	113	



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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	24819	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031489		5.10	0.028	0.74	7.58	13.8	780	1.63	0.10	3.82	0.17	27.9	20.1	28	6.95	89.1
\$031490		0.18	5.78	80.1	6.38	300	640	1.06	1.10	2.04	20.1	23.5	10.9	22	6.96	111.5
\$031491		4.92	0.041	0.66	7.53	22.0	1130	1.40	0.09	2.94	0.15	25.4	15.6	32	5.58	125.5
\$031492		5.40	0.045	0.57	8.27	13.8	800	1.20	0.10	2.19	0.22	28.9	18.9	32	4.75	146.5
\$031493		5.14	0.023	0.29	8.42	7.4	1710	1.80	0.07	2.42	0.71	27.9	13.8	32	11.40	57.7
\$031494		5.08	0.103	0.50	8.21	19.9	550	1.45	0.10	2.88	0.66	28.3	18.0	30	7.26	131.5
\$031495		5.26	0.305	0.44	7.87	23.9	950	1.02	0.10	2.94	1.56	21.1	13.0	36	7.24	44.6
\$031496		5.82	0.063	0.24	7.26	19.9	620	0.82	0.05	4.40	0.78	14.90	8.0	35	7.44	20.3
\$031497		5.32	0.150	0.44	7.89	9.7	600	0.97	0.06	3.07	0.72	16.60	10.0	39	7.71	76.6
\$031498		6.30	0.152	0.47	7.55	14.4	1300	1.05	0.06	2.96	2.24	15.35	9.9	36	6.80	79.8
\$031499		6.26	0.128	0.45	7.49	27.4	970	1.05	0.06	2.81	0.81	12.35	10.0	34	5.78	34.6
\$031500		1.22	<0.005	0.01	0.14	<0.2	30	0.08	0.02	32.3	0.02	1.08	0.6	2	0.08	1.9
\$031501		4.36	0.173	0.51	7.01	16.9	830	0.75	0.05	3.75	0.27	26.3	7.0	38	6.53	118.5
\$031502		5.54	0.060	0.55	7.47	14.2	1020	0.99	0.09	3.41	1.05	20.7	12.5	29	5.98	91.6
\$031503		4.38	0.171	0.77	7.13	33.1	1440	1.12	0.06	4.12	4.53	20.6	10.2	31	9.87	67.0
S031504		4.20	0.598	1.32	7.82	24.3	970	1.14	0.10	3.13	1.96	32.4	17.8	34	6.56	77.6
S031505		2.44	0.917	1.41	7.28	25.3	750	0.84	0.06	3.09	2.85	22.4	13.8	90	4.32	53.0
S031506		3.60	1.595	1.07	7.18	21.7	480	1.01	0.06	2.27	4.64	24.9	17.6	141	3.37	83.0
S031506CD		<0.02	1.355	0.86	7.91	24.6	500	0.92	0.06	2.49	4.91	22.2	17.0	135	3.52	79.3
S031507		5.62	0.270	0.59	7.60	28.8	760	1.13	0.14	3.90	2.93	22.5	19.3	126	4.53	81.9
\$031508		5.28	0.314	0.81	7.51	31.8	740	1.05	0.25	4.19	0.96	21.9	24.7	164	4.90	119.5
\$031509		4.84	0.344	0.78	7.47	27.7	840	0.78	0.14	5.26	0.65	23.4	17.2	149	3.73	58.8
\$031510		0.16	1.175	28.1	5.96	386	250	1.07	0.88	0.67	1.64	25.8	12.5	19	8.09	100.5
\$031511		5.70	0.214	1.46	7.67	21.8	790	0.72	0.05	2.91	2.36	18.55	16.6	186	4.14	116.5
\$031512		5.90	0.224	1.45	7.39	27.4	810	0.78	0.06	3.01	2.90	22.3	19.2	181	3.99	84.4
\$031513		5.58	0.155	0.91	7.53	32.9	1370	0.91	0.16	3.58	3.92	15.30	17.5	161	4.22	49.4
\$031514		6.30	0.282	1.02	7.71	29.9	920	0.98	0.19	3.53	1.15	18.60	19.0	173	4.39	44.1
\$031515		5.44	0.524	1.38	7.40	26.8	1180	1.07	0.16	2.86	0.71	22.8	16.0	64	4.32	108.5
\$031516		5.28	0.517	1.22	7.38	33.8	460	1.18	0.12	3.30	0.79	22.9	14.9	30	5.63	63.4
\$031517		5.74	0.339	1.23	7.16	18.2	1250	1.06	0.06	2.80	0.67	31.4	15.1	31	3.61	132.0
\$031518		5.22	0.146	1.07	7.26	18.0	690	0.94	0.05	2.07	1.45	24.5	12.0	43	3.48	111.0
\$031519		4.92	0.117	0.88	8.16	31.4	990	1.02	0.05	2.00	1.74	29.3	13.7	40	4.25	99.0
\$031520		1.22	<0.005	0.01	0.10	0.6	20	0.07	0.01	31.4	<0.02	0.91	0.6	1	0.06	1.8
\$031521		5.32	0.156	1.07	8.11	23.5	1230	1.15	0.04	1.85	2.21	29.9	12.4	41	3.12	134.5
\$031522		5.06	0.323	1.08	8.09	22.2	1110	1.52	0.04	2.04	4.56	28.7	15.4	37	3.22	155.5
S031523		4.78	0.236	1.30	8.21	17.5	1280	1.32	0.05	1.86	2.89	26.9	15.7	39	3.11	108.0
S031524		5.40	0.802	1.46	8.03	11.5	1160	1.32	0.05	2.01	2.84	31.5	15.4	36	3.36	190.5
S031525		4.42	5.16	3.72	7.53	54.0	540	1.35	0.05	2.67	6.29	34.5	24.4	33	4.07	328
S031526		6.34	0.129	0.84	7.79	18.4	1810	1.25	0.06	2.44	0.48	37.3	12.7	34	3.98	116.0
S031526CD		<0.02	0.110	0.78	7.45	17.0	1750	1.16	0.06	2.48	0.35	33.6	11.2	33	3.88	105.0



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20224819** 

Page: 3 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 21-OCT-2020 Account: PREBOW

											CATIL	1 / 114/ 11		<b>V</b> /\Z-02	2 1013	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S031489 S031490 S031491 S031492 S031493		4.50 4.77 3.94 4.74 3.54	21.3 12.85 20.7 19.95 22.8	0.12 0.06 0.11 0.11 0.08	1.4 1.2 1.3 1.3	0.179 1.245 0.265 0.216 0.043	3.27 3.78 2.97 3.05 3.90	12.5 12.1 10.7 13.1 12.7	28.5 13.9 27.5 26.9 27.2	1.48 0.48 1.50 1.70 1.65	1200 1180 1060 1040 1440	1.83 9.19 1.00 0.96 0.97	1.83 0.23 2.26 2.79 2.11	5.9 5.3 5.6 5.5 6.1	23.0 15.6 20.9 22.2 23.2	1440 980 1190 1150 1610
S031494		4.74	19.45	0.08	1.0	0.019	4.12	13.3	17.8	1.06	1360	0.69	2.02	5.6	20.8	1020
S031495		4.22	18.90	0.08	0.9	0.029	3.01	9.4	21.0	1.15	1020	0.94	2.28	5.0	16.8	570
S031496		2.95	15.80	0.06	0.8	0.023	2.49	5.9	18.3	0.99	1060	0.59	2.37	4.2	12.8	470
S031497		3.01	17.45	0.08	0.9	0.025	2.54	6.6	20.1	1.02	837	0.80	2.67	4.5	14.8	500
S031498		2.99	15.80	0.08	1.0	0.019	2.51	6.1	18.7	0.90	766	1.47	2.50	4.3	14.7	550
S031499		3.25	15.60	0.07	1.0	0.018	2.38	5.0	15.8	0.83	732	2.76	2.56	3.9	12.9	590
S031500		0.13	0.42	0.06	<0.1	<0.005	0.04	1.1	0.9	3.34	153	0.06	0.05	0.2	0.9	70
S031501		2.51	15.30	0.08	1.0	0.030	2.63	9.8	14.1	0.92	851	2.21	1.95	4.1	12.7	610
S031502		3.92	17.50	0.08	1.4	0.024	3.00	9.6	12.0	1.12	929	1.35	2.51	4.7	18.4	910
S031503		3.31	16.95	0.08	1.1	0.049	3.21	9.3	16.3	1.20	1000	2.39	1.79	5.0	15.3	910
S031504		4.45	19.85	0.09	1.3	0.026	3.48	15.0	15.4	1.33	1320	3.95	2.19	6.1	24.2	1490
S031505		4.25	14.10	0.06	1.0	0.018	2.55	10.0	17.6	1.57	1400	3.18	2.44	4.5	38.5	810
S031506		4.21	16.85	0.07	1.6	0.018	1.78	12.1	31.3	1.78	1040	2.59	3.41	5.7	78.0	1000
S031506CD		4.37	15.25	0.05	1.5	0.020	1.79	10.9	30.1	1.73	1080	3.43	3.46	5.5	77.1	1010
S031507		4.48	16.15	0.07	1.0	0.022	2.50	10.9	34.8	1.95	1320	1.73	2.38	5.1	109.0	1150
\$031508		5.01	16.30	0.07	1.1	0.031	2.98	10.9	34.2	1.99	1420	1.83	1.46	5.5	114.0	1070
\$031509		4.29	13.40	0.06	1.0	0.020	2.41	12.0	26.4	1.88	1680	3.08	2.06	4.6	96.8	960
\$031510		4.50	12.00	0.06	0.8	0.035	2.74	12.8	8.6	0.37	227	4.71	0.19	5.5	13.0	1300
\$031511		4.69	13.85	<0.05	0.8	0.021	2.30	8.6	28.3	2.25	1480	6.17	2.61	4.5	103.0	1020
\$031512		4.60	14.90	0.06	0.8	0.024	1.99	10.4	29.0	2.07	1440	15.35	2.81	4.8	97.6	930
\$031513		4.51	15.25	<0.05	0.8	0.031	2.19	6.7	33.6	2.06	1430	3.97	2.66	4.8	103.5	900
\$031514		4.49	16.75	0.05	1.0	0.038	2.27	8.9	35.4	2.09	1650	7.46	2.70	4.6	104.5	900
\$031515		4.53	17.80	0.06	1.2	0.026	2.69	9.6	26.7	1.69	1420	16.85	2.67	5.4	40.6	1240
\$031516		4.37	17.75	0.06	1.0	0.023	3.29	10.4	19.0	1.18	1200	6.19	2.30	5.1	18.8	980
\$031517		4.39	18.65	0.06	1.1	0.021	2.20	14.6	20.5	1.42	1280	6.44	3.24	5.7	20.4	1330
\$031518		3.87	17.80	0.05	1.1	0.021	2.20	11.3	23.5	1.36	1100	4.09	3.04	5.6	18.9	860
\$031519		4.70	19.30	0.07	1.3	0.022	2.35	13.1	25.9	1.27	1130	4.74	3.37	5.7	20.6	1210
\$031520		0.13	0.38	0.06	<0.1	<0.005	0.02	0.9	1.3	2.69	140	0.09	0.04	0.1	1.1	70
\$031521		4.35	18.60	0.15	1.2	0.025	2.44	14.2	29.6	1.18	1200	6.41	3.65	5.5	21.0	1080
\$031522		4.27	21.0	0.15	1.2	0.033	2.43	13.6	34.8	1.36	1400	3.28	3.51	5.6	22.7	1130
S031523		3.75	19.10	0.16	1.1	0.021	2.70	12.6	33.2	1.34	1300	2.40	3.32	5.3	20.1	950
S031524		4.16	20.1	0.17	1.4	0.033	2.46	15.7	33.1	1.36	1410	2.41	3.43	5.6	23.1	1230
S031525		5.10	19.30	0.17	1.3	0.050	3.50	16.2	28.4	1.26	1370	104.0	2.25	5.5	25.1	1050
S031526		3.86	19.25	0.17	1.5	0.019	3.46	17.1	26.2	1.35	1300	5.77	2.78	5.7	20.1	920
S031526CD		3.67	18.40	0.18	1.3	0.017	3.34	14.9	25.2	1.30	1280	6.05	2.73	5.5	18.9	890



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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**CERTIFICATE OF ANALYSIS VA20224819** 

Page: 3 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 21-OCT-2020 Account: PREBOW

											CAILO	I ANAL	_ 1 313	V/ (L O L	27013	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031489		42.3	108.5	0.002	3.42	3.04	14.2	23	3.4	349	0.36	0.06	3.43	0.351	2.42	1.4
\$031490		8760	143.0	0.005	3.01	69.8	12.1	2	3.6	141.0	0.33	0.26	3.52	0.252	3.01	1.9
\$031491		38.6	81.9	0.002	2.63	2.48	13.0	19	3.7	346	0.34	0.05	3.17	0.357	2.04	1.2
\$031492		29.7	82.8	0.002	3.30	1.80	13.2	16	3.0	395	0.33	0.05	2.98	0.362	2.00	1.4
S031493		23.8	108.5	<0.002	2.13	2.02	15.1	8	1.3	350	0.37	<0.05	3.59	0.392	2.59	1.2
S031494		19.1	123.0	<0.002	3.67	1.98	13.9	7	0.9	401	0.34	<0.05	3.03	0.344	2.71	0.9
S031495		35.6	100.5	<0.002	2.81	2.10	10.6	14	1.6	339	0.32	<0.05	2.84	0.333	2.43	1.0
S031496		24.1	81.6	<0.002	1.61	2.04	7.7	8	1.4	297	0.28	<0.05	1.99	0.292	2.10	0.8
S031497		39.8	84.4	<0.002	1.62	2.29	8.4	15	1.6	290	0.29	<0.05	2.07	0.304	2.07	1.0
S031498		31.4	86.5	<0.002	1.85	2.78	8.2	14	1.5	276	0.29	<0.05	2.24	0.285	2.00	1.2
S031499 S031500 S031501 S031502 S031503		23.9 1.1 18.0 45.3 89.6	88.4 1.3 79.7 75.5 87.9	0.003 <0.002 0.006 0.002 0.006	2.23 <0.01 1.17 2.82 2.10	3.15 0.07 4.96 8.71 21.0	7.6 0.2 6.8 9.0 9.9	12 1 5 15	1.2 <0.2 1.2 1.3 1.5	284 74.7 295 438 407	0.24 <0.05 0.27 0.30 0.30	<0.05 <0.05 <0.05 <0.05 <0.05	2.01 0.07 2.05 2.34 2.27	0.250 0.005 0.289 0.308 0.314	1.80 0.03 2.04 2.11 2.08	2.2 0.2 2.4 1.9
\$031504		74.9	96.5	0.022	3.00	14.55	13.7	14	1.6	502	0.36	<0.05	3.15	0.364	2.07	1.4
\$031505		59.8	64.1	0.011	2.34	10.70	10.3	6	1.3	479	0.28	<0.05	2.26	0.345	1.36	1.0
\$031506		18.3	63.5	0.018	2.14	7.62	14.0	4	1.5	392	0.35	<0.05	2.71	0.390	1.19	2.3
\$031506CD		19.4	55.1	0.019	2.22	7.75	12.9	4	1.4	425	0.32	<0.05	2.52	0.385	1.13	2.1
\$031507		20.6	88.7	0.012	2.50	11.85	14.3	10	1.5	426	0.30	0.05	2.33	0.346	1.46	1.1
\$031508		15.9	112.5	0.013	2.74	9.11	13.9	7	1.7	321	0.30	0.09	2.34	0.347	1.88	1.2
\$031509		21.2	91.3	0.023	2.11	7.58	11.6	6	1.5	380	0.27	<0.05	2.03	0.325	1.50	1.1
\$031510		49.2	116.5	<0.002	4.11	35.8	12.4	5	1.8	131.0	0.31	0.31	2.23	0.302	2.10	0.9
\$031511		18.0	69.3	0.052	1.95	25.4	11.7	4	1.6	404	0.26	<0.05	1.74	0.362	1.39	0.8
\$031512		25.6	72.7	0.188	2.30	16.30	12.2	3	1.7	444	0.28	<0.05	1.90	0.333	1.40	0.8
\$031513		26.2	80.6	0.034	2.18	5.41	12.0	3	2.0	439	0.27	0.05	1.89	0.324	1.58	0.8
\$031514		87.9	78.0	0.067	1.44	5.11	12.7	4	1.8	495	0.29	0.06	1.82	0.334	1.65	1.1
\$031515		55.6	72.7	0.173	2.14	6.35	12.3	5	1.5	477	0.33	0.05	2.47	0.356	1.75	1.0
\$031516		32.7	101.0	0.054	3.16	4.50	10.0	5	1.3	390	0.31	0.07	2.77	0.310	2.17	1.1
\$031517		21.8	75.3	0.045	2.26	4.00	11.9	3	1.4	400	0.34	<0.05	3.59	0.344	1.46	1.3
\$031518 \$031519 \$031520 \$031521 \$031522		16.5 24.7 1.3 28.4 27.0	81.7 76.2 0.7 74.0 78.7	0.021 0.036 <0.002 0.062 0.031	1.49 2.32 <0.01 2.33 2.18	3.52 3.31 0.16 4.27 4.87	9.8 12.5 0.2 12.9 14.7	3 4 1 5	1.2 1.4 <0.2 1.6 1.5	291 338 75.2 386 436	0.32 0.36 <0.05 0.36 0.36	<0.05 <0.05 <0.05 <0.05 <0.05	2.93 3.46 0.08 3.17 3.29	0.365 0.369 0.007 0.373 0.375	1.46 1.50 0.02 1.46 1.46	1.4 2.0 0.1 2.5 1.8
S031523 S031524 S031525 S031526 S031526CD		30.7 25.7 42.0 20.1 18.1	82.8 86.2 121.0 109.5 104.5	0.025 0.030 0.978 0.062 0.064	1.38 1.83 3.40 1.80 1.66	6.44 3.84 12.35 4.27 3.87	12.6 14.7 14.5 15.1 15.1	3 7 9 4 5	1.3 1.6 1.8 1.4	381 391 338 473 470	0.34 0.36 0.35 0.36 0.34	<0.05 <0.05 0.10 <0.05 <0.05	3.05 3.60 3.37 3.42 3.27	0.369 0.369 0.369 0.384 0.373	1.43 1.45 2.07 1.90 1.82	1.3 1.7 1.8 2.4 2.4



To: PRETIVM
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1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

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(ALS	,								CERTIFICATE OF ANALYSIS VA20224819	9
		ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34	
	Method Analyte	V	W W	Y	Zn	Zr	Si	Ti	Zr	
	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5	
S031489		121	2.6	16.5	81	48.6	24.2	0.5	101	
S031490		125	4.1	8.8	1860	39.8	27.8	0.4	77	
S031491		129	2.4	13.6	88	46.2	24.6	0.4	123	
S031492		117	3.3	13.8	100	42.3	25.4	0.4	128	
S031493		119	7.6	16.2	121	43.8	25.4	0.4	112	
S031494		129	4.8	14.9	98	32.2	24.8	0.4	119	
S031495		109	2.2	10.0	159	30.8	25.9	0.4	140	
S031496		109	4.4	8.8	124	25.3	25.4	0.3	125	
S031497		109	1.8	7.1	112	29.0	27.2	0.4	122	
S031498		104	2.0	6.7	168	30.5	27.7	0.4	104	
S031499		92	2.9	7.1	88	33.1	27.4	0.3	102	
S031500		2	<0.1	2.1	4	1.8	4.0	<0.1	8	
S031501		105	2.3	7.8	71	35.0	27.8	0.4	126	
S031502		112	2.0	9.9	125	44.2	24.3	0.4	120	
S031503		105	3.1	10.0	370	35.7	24.0	0.4	110	
S031504		121	5.1	15.3	185	41.7	24.7	0.4	115	
S031505		121	3.4	10.9	294	30.0	25.0	0.4	135	
S031506		142	2.2	12.7	388	53.5	25.4	0.4	135	
S031506CD		143	2.2	12.1	435	49.1	25.2	0.4	136	
S031507		156	3.2	14.9	340	34.5	24.3	0.4	103	
S031508		139	3.6	14.7	184	35.1	23.8	0.4	99	
S031509		130	2.6	15.1	168	32.7	23.5	0.4	97	
S031510		142	2.3	7.7	204	30.8	33.6	0.4	80	
S031511		146	2.4	11.4	371	25.7	23.8	0.4	102	
S031512		133	2.2	11.3	395	27.6	24.1	0.4	98	
S031513		139	2.3	10.0	497	27.8	24.0	0.4	92	
S031514		148	2.4	12.8	221	33.8	24.3	0.4	96	
S031515		153	2.5	13.8	177	38.1	24.5	0.4	114	
S031516 S031517		139 133	2.1 2.1	11.9 16.2	155 154	35.0 38.3	26.2 24.7	0.4 0.4	102 103	
S031518		126	1.9	12.1	222	37.5	26.9	0.4	147	
S031519		141	1.8	15.8	293	41.7	25.6	0.4	142	
S031520		2	0.2	1.9	6	1.6	4.1	<0.1	7 142	
S031521 S031522		142 131	1.8 1.7	15.2 18.3	318 521	39.4 38.4	27.3 26.6	0.4 0.4	124	
S031523		125	2.0	14.8	339	29.0	27.3	0.4	137	
S031524		118	2.0	18.7	322	47.3	26.6	0.4	123	
S031525		116	3.3	16.5	528	42.7	25.9	0.5	122	
S031526		116	2.5	17.8	119	55.4	26.8	0.5	125	
S031526CD		114	2.3	16.8	111	45.0	26.6	0.5	133	



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20224819** 

Page: 4 - A Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 21-OCT-2020 Account: PREBOW

Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031527		6.42	0.201	1.40	7.43	16.3	500	1.81	0.08	4.57	1.34	36.3	22.8	43	4.26	173.5
\$031528		6.66	0.148	0.87	7.84	12.8	1010	1.09	0.09	2.67	0.19	26.3	17.1	32	3.32	110.0
\$031529		6.84	0.227	1.29	8.03	9.7	1270	1.23	0.06	2.43	0.14	27.7	15.3	31	4.49	116.0
\$031530		0.18	0.970	11.80	6.26	327	490	1.13	0.15	3.75	4.12	22.8	10.4	26	6.42	83.0
\$031531		6.36	0.361	1.13	7.50	5.5	1290	1.29	0.08	3.26	0.21	28.8	12.4	26	5.23	122.0
\$031532		5.58	0.244	0.89	7.87	7.5	1410	1.07	0.04	1.84	0.62	26.4	16.0	42	3.07	105.0
\$031533		5.30	0.347	0.97	7.93	14.0	1280	1.05	0.02	2.12	1.67	27.8	15.5	43	3.50	70.2
\$031534		6.40	0.440	1.14	7.90	15.5	1210	1.25	0.16	2.61	1.04	29.8	17.2	34	3.18	80.6
\$031535		6.08	0.316	1.05	8.22	9.8	1560	1.23	0.04	1.91	2.29	27.4	15.5	35	3.98	129.0
\$031536		6.44	0.202	1.18	7.19	6.1	1460	1.64	0.08	4.19	1.10	43.4	17.2	34	4.84	146.0
\$031537		6.88	0.100	1.09	7.54	5.1	1950	1.75	0.09	3.38	4.07	24.4	16.4	26	3.87	107.0
\$031538		5.04	0.200	1.13	7.62	5.0	1930	1.31	0.05	2.48	1.54	24.5	12.0	35	3.68	110.0
\$031539		5.62	0.267	1.08	7.76	6.7	1620	1.10	0.02	2.07	1.72	24.9	13.4	35	2.85	176.5
\$031540		0.76	0.008	0.02	0.10	0.9	20	0.07	<0.01	31.3	0.04	0.93	0.8	1	0.06	3.1
\$031541		5.84	0.302	0.96	8.63	7.6	2030	1.35	0.03	1.84	4.90	30.5	12.5	38	3.45	89.5
\$031542		6.24	0.167	1.82	7.97	10.7	1530	1.23	0.03	2.25	1.29	30.3	16.7	41	3.83	128.0
\$031543		5.30	0.067	1.18	7.77	21.1	910	1.22	0.23	2.05	1.77	24.5	11.6	46	5.41	111.5
\$031544		6.92	0.061	0.94	7.50	59.3	900	1.02	0.14	2.24	0.66	20.7	9.8	45	4.43	78.5
\$031545		6.38	0.066	1.34	7.36	42.1	750	1.06	0.10	2.70	0.41	25.3	14.2	43	4.56	112.0
\$031546		6.58	0.232	1.58	8.51	37.3	1840	1.69	0.15	1.75	1.07	41.3	20.8	39	4.44	154.0
S031546CD		<0.02	0.196	1.46	8.40	34.7	1770	1.60	0.15	1.84	1.20	32.5	19.6	38	4.21	146.0
S031547		5.76	0.215	1.72	7.72	32.8	1120	1.52	0.20	4.18	9.95	29.6	16.2	32	4.61	114.5
S031548		5.84	0.036	1.33	7.45	13.5	1090	1.45	0.09	7.88	13.85	30.9	13.1	25	3.48	118.5
S031549		6.90	0.667	2.49	7.53	21.8	1430	1.38	0.11	3.81	0.58	30.5	17.3	34	3.64	235
S031550		0.16	5.62	81.8	6.41	309	520	1.05	1.09	2.04	21.7	24.3	10.8	22	7.29	117.0



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

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(763	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	24819	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S031527		4.90	19.85	0.15	1.5	0.037	3.79	15.6	34.2	1.89	1680	1.85	1.97	5.1	70.9	1520
S031528		4.38	19.10	0.13	1.1	0.023	2.71	11.0	29.9	1.78	1500	4.39	3.56	5.7	23.1	1080
S031529		4.29	20.6	0.14	1.2	0.022	2.92	11.5	32.1	1.76	1420	3.53	3.31	5.7	20.9	1080
S031530		3.97	13.20	0.11	1.0	0.045	3.95	11.0	12.7	0.55	1390	9.49	0.21	4.8	20.6	930
S031531		3.89	16.45	0.14	0.9	0.026	3.12	12.9	27.2	1.90	1620	5.21	2.26	5.1	16.4	1190
\$031532		4.29	17.85	0.15	0.9	0.029	2.54	11.9	25.1	1.67	1630	14.95	3.45	5.3	20.0	980
\$031533		4.64	17.75	0.15	0.9	0.027	2.70	13.7	23.2	1.52	1490	9.83	3.14	5.0	19.9	870
\$031534		4.94	18.80	0.15	1.1	0.029	2.64	14.5	21.1	1.58	1710	3.33	3.41	5.2	23.2	1170
\$031535		4.35	20.4	0.14	1.2	0.023	3.38	12.7	21.1	1.59	1520	3.11	3.04	5.4	20.7	1170
\$031536		4.01	19.95	0.16	1.7	0.048	3.86	18.5	20.3	1.41	1850	3.84	2.24	5.2	34.7	1620
S031537		3.87	19.90	0.14	1.4	0.056	4.80	10.6	17.0	1.13	1680	0.91	2.50	5.1	27.5	1480
S031538		3.95	18.05	0.16	1.4	0.023	3.94	10.8	18.9	1.35	1800	1.54	2.75	5.9	20.1	1040
S031539		3.97	19.75	0.14	1.3	0.022	3.14	11.4	23.6	1.51	1750	6.39	3.17	5.6	21.2	840
S031540		0.13	0.40	0.08	<0.1	<0.005	0.03	1.0	1.4	2.23	133	0.14	0.04	0.1	0.9	70
S031541		3.85	19.05	0.12	1.8	0.025	3.73	13.5	21.2	1.47	1540	6.78	3.42	5.8	19.9	1110
S031542		4.66	19.05	0.15	1.7	0.024	3.23	14.4	20.3	1.18	1360	4.63	3.08	5.7	19.8	890
S031543		4.40	17.70	0.13	1.3	0.045	2.80	12.2	19.3	1.07	1060	7.17	2.50	5.0	15.9	680
S031544		3.70	16.20	0.13	0.9	0.026	2.79	9.5	17.5	0.92	911	5.59	2.50	4.4	13.8	550
S031545		4.17	16.50	0.12	1.1	0.036	2.46	11.9	21.0	1.14	1040	10.15	2.62	4.8	17.7	770
S031546		4.79	22.8	0.16	1.4	0.037	4.07	18.2	29.1	1.52	1110	13.45	2.75	6.4	32.2	1140
S031546CD		4.66	21.2	0.15	1.1	0.033	3.88	14.5	26.9	1.51	1080	9.83	2.70	5.9	30.6	1110
S031547		4.46	19.60	0.15	1.1	0.038	2.64	13.3	26.5	1.71	1340	16.30	2.90	5.1	20.6	1080
S031548		2.93	18.15	0.13	1.2	0.067	2.61	15.0	27.1	2.07	1900	65.5	2.57	4.6	20.6	1260
S031549		3.63	19.45	0.15	1.4	0.049	3.37	13.4	24.3	1.55	1020	41.0	2.95	5.4	23.8	1100
S031550		4.79	13.05	0.08	1.1	1.420	3.84	12.3	12.1	0.48	1180	9.61	0.23	5.2	15.9	970



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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(ALS									С	ERTIFIC	CATE O	F ANAI	_YSIS	VA202	24819	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031527		16.0	121.0	0.015	3.52	3.60	16.4	9	1.4	464	0.33	<0.05	3.33	0.346	1.99	2.9
\$031528		18.6	65.7	0.050	2.86	2.28	13.9	5	1.5	484	0.35	<0.05	2.52	0.379	1.41	1.2
\$031529		22.2	84.0	0.047	2.53	3.04	15.4	4	1.5	453	0.37	<0.05	2.91	0.390	1.53	1.3
\$031530		149.5	159.0	0.012	2.85	18.10	11.0	3	1.4	195.5	0.28	0.31	2.48	0.258	3.02	1.6
\$031531		15.7	99.9	0.036	1.87	2.95	11.9	5	1.1	336	0.33	<0.05	2.50	0.330	1.54	1.0
\$031532		13.0	66.4	0.123	1.63	2.19	12.7	4	1.5	408	0.34	<0.05	2.41	0.379	1.24	1.1
\$031533		17.6	83.0	0.082	2.02	2.29	11.6	3	1.4	382	0.31	<0.05	2.25	0.352	1.39	1.1
\$031534		56.2	79.4	0.028	2.66	1.90	12.7	5	1.6	494	0.32	0.05	2.81	0.359	1.38	1.2
\$031535		122.5	103.0	0.029	2.22	2.45	15.3	4	1.4	409	0.34	<0.05	3.40	0.381	1.69	1.5
\$031536		32.8	128.5	0.022	2.25	2.78	18.3	3	1.6	430	0.33	<0.05	3.80	0.368	1.92	3.9
\$031537		80.4	108.0	0.002	2.03	2.65	15.8	4	1.7	478	0.33	<0.05	2.97	0.314	2.23	2.5
\$031538		64.3	94.1	0.005	1.88	2.63	14.7	5	1.1	552	0.39	<0.05	2.65	0.363	1.79	1.8
\$031539		21.0	79.5	0.060	1.29	2.30	13.7	5	1.4	493	0.34	<0.05	2.50	0.360	1.50	2.2
\$031540		1.2	0.8	<0.002	<0.01	0.21	0.2	1	<0.2	83.4	<0.05	<0.05	0.06	0.006	0.03	0.1
\$031541		49.9	92.0	0.079	1.25	1.78	14.5	3	1.5	525	0.37	<0.05	3.14	0.386	1.68	5.5
\$031542 \$031543 \$031544 \$031545 \$031546		44.9 31.8 51.2 26.4 25.6	94.2 108.0 101.5 101.0 126.0	0.045 0.046 0.041 0.103 0.166	1.50 2.26 1.41 1.99 2.30	1.55 2.37 2.91 2.42 2.22	13.2 10.2 8.4 10.4 17.7	6 4 4 5 5	1.4 1.4 1.2 1.2	434 307 300 325 503	0.37 0.35 0.30 0.32 0.40	<0.05 <0.05 <0.05 <0.05 0.06	3.08 2.59 2.37 2.77 3.89	0.364 0.356 0.317 0.334 0.392	1.70 1.75 1.72 1.43 2.04	4.5 2.9 2.0 2.2 1.9
S031546CD		23.6	110.5	0.126	2.27	2.10	15.6	4	1.3	500	0.37	<0.05	3.18	0.388	1.92	1.6
S031547		217	88.6	0.156	2.31	4.15	13.3	7	1.6	690	0.32	0.06	2.80	0.344	1.39	1.5
S031548		90.9	80.1	0.561	0.72	3.34	11.4	3	1.7	689	0.29	0.05	2.64	0.300	1.25	1.9
S031549		38.0	95.5	0.359	1.66	3.61	15.3	6	1.7	589	0.35	0.06	3.31	0.370	1.70	2.2
S031550		8820	145.0	0.004	3.01	74.8	12.0	3	3.9	147.5	0.33	0.27	2.91	0.255	3.06	2.0



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20224819** 

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										ERTHIE/TIL OF 7th	 V/\ZUZZ	
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5			
\$031527 \$031528 \$031529 \$031530 \$031531		173 123 113 109 92	2.4 2.8 3.2 4.3 3.0	22.5 16.3 19.1 8.7 18.5	214 143 137 482 171	52.0 38.5 37.6 36.1 28.8	23.0 25.2 26.0 30.0 26.3	0.4 0.4 0.4 0.4 0.4	95 125 124 84 120			
\$031532 \$031533 \$031534 \$031535 \$031536		126 136 113 135 157	2.5 2.2 2.7 2.7 2.3	13.0 12.5 14.2 14.9 28.7	182 229 200 288 203	31.6 32.5 35.9 37.8 56.9	26.2 26.4 25.7 25.5 24.3	0.4 0.4 0.4 0.4 0.4	147 125 109 132 105			
\$031537 \$031538 \$031539 \$031540 \$031541		162 126 130 2 143	2.4 2.2 2.1 <0.1 2.7	15.9 15.4 15.0 1.9 17.3	342 246 266 6 508	46.2 45.2 46.0 1.3 64.5	24.1 26.8 26.7 3.7 26.3	0.4 0.4 0.4 <0.1 0.4	83 150 135 8 140			
S031542 S031543 S031544 S031545 S031546		122 128 127 123 153	2.3 2.4 2.4 2.0 2.4	16.3 11.7 11.0 12.6 20.3	207 216 111 109 174	55.2 40.8 30.0 35.2 45.4	26.2 27.5 28.0 27.3 25.4	0.4 0.4 0.3 0.4 0.5	157 150 129 132 121			
S031546CD S031547 S031548 S031549 S031550		149 121 117 123 126	2.2 2.1 2.3 2.2 3.9	16.3 15.4 18.1 17.3 9.3	176 885 1020 138 1840	38.3 36.6 38.3 47.8 40.4	25.5 23.5 20.5 24.7 30.7	0.4 0.3 0.3 0.4 0.3	130 113 108 124 78			



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

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Project: Bowser Regional Project

CERTIFICATE OF ANALYSIS VA20224819

		CERTIFICATE COM	MMENTS	
	REEs may not be totally solu		YTICAL COMMENTS	
Applies to Method:	ME-MS61			
		LABOR	ATORY ADDRESSES	
		r located at 2103 Dollarton Hwy, N		
Applies to Method:	Au-AA23 LOG-21d	BAG-01 LOG-23	CRU-31 ME-MS61	LOG-21 PUL-32m
	PUL-32md	PUL-QC	pXRF-34	SPL-21
	SPL-21d	WEI-21		



ALS Canada Ltd. 2103 Dollarton Hwy North Vancouver BC V7H 0A7

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www.alsglobal.com/geochemistry

To: **PRETIVM** SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET **VANCOUVER BC V7X 1L4** 

Page: 1 Total # Pages: 4 (A - D) **Plus Appendix Pages** Finalized Date: 21-OCT-2020 This copy reported on

> 27-JAN-2021 **Account: PREBOW**

## VA20224910

Project: Bowser Regional Project

P.O. No.: BOW-1153

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 5-OCT-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA **COREY JAMES** LEANNE HAWKINS JULIANNE MADSEN STEPHAINE WAFFORN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20224910** 

Page: 2 - A
Total # Pages: 4 (A - D)
Plus Appendix Pages
Finalized Date: 21-OCT-2020
Account: PREBOW

											CAILO	I ANA	_1 313	VAZOZ	27310	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031551		6.44	0.043	0.49	7.64	10.9	1200	1.63	0.07	7.86	1.49	30.6	9.7	24	3.63	74.6
\$031552		5.56	0.100	0.87	7.63	38.0	960	1.15	0.10	3.31	1.55	22.5	12.4	36	5.15	121.0
\$031553		5.80	0.061	0.97	7.45	32.3	570	1.04	0.10	2.34	0.22	21.0	10.2	44	5.09	115.5
\$031554		7.04	0.161	1.27	7.45	43.1	1170	1.42	0.13	2.34	0.29	28.6	14.4	37	5.78	149.0
\$031555		5.70	0.118	1.04	7.74	31.5	1060	1.27	0.06	2.42	0.54	26.7	14.5	44	4.95	120.0
\$031556		5.96	0.098	0.72	7.51	38.0	830	0.98	0.06	1.81	0.70	26.6	10.0	50	4.61	60.2
\$031557		5.72	0.055	0.38	7.70	26.3	940	1.05	0.04	1.81	0.29	21.2	7.8	34	5.39	39.3
\$031558		4.70	0.066	0.30	7.26	29.3	710	0.96	0.07	2.18	0.64	24.6	7.4	43	4.74	64.3
\$031559		5.42	0.255	0.42	7.13	38.3	900	0.97	0.08	2.97	0.26	24.1	7.7	37	4.85	47.7
\$031560		0.90	<0.005	<0.01	0.08	0.8	20	0.06	<0.01	31.9	<0.02	0.95	0.6	2	<0.05	1.6
\$031561		5.50	0.402	0.47	7.32	34.3	1070	1.20	0.14	3.38	0.18	33.9	12.0	36	5.49	78.4
\$031562		5.04	0.258	0.66	7.27	93.2	900	1.26	0.14	4.66	0.38	29.7	15.3	34	5.56	105.0
\$031563		5.80	0.143	0.54	7.55	21.6	780	1.13	0.16	2.95	0.21	31.2	12.3	46	4.49	86.3
\$031564		7.08	0.577	0.66	7.86	56.3	1060	1.12	0.12	3.49	0.26	32.5	15.9	36	4.92	105.0
\$031565		5.90	1.860	1.32	8.01	34.6	1040	1.19	0.07	2.57	0.63	31.3	12.8	44	5.30	124.5
S031566		6.30	0.100	0.51	7.30	21.5	590	1.09	0.09	2.84	1.08	19.30	8.3	38	5.22	113.5
S031566CD		<0.02	0.122	0.60	7.51	22.8	600	1.21	0.09	2.90	1.03	22.0	8.7	39	5.59	115.0
S031567		6.24	0.356	0.83	7.67	23.2	760	1.19	0.19	2.78	0.23	26.9	11.2	40	4.91	186.5
S031568		7.16	0.328	0.71	7.65	9.9	1300	1.16	0.09	3.06	0.45	37.4	19.4	41	2.92	254
S031569		6.36	0.264	0.86	6.63	5.0	900	1.52	0.04	4.41	0.97	31.4	16.0	26	3.37	152.5
\$031570		0.16	1.115	28.2	5.77	378	820	1.22	0.67	0.64	1.54	26.4	12.5	19	7.45	105.0
\$031571		5.86	0.278	0.98	6.66	5.5	1770	1.55	0.06	5.51	1.48	29.3	10.4	25	4.34	90.9
\$031572		5.84	0.247	1.25	7.21	8.8	1580	1.66	0.05	5.02	3.02	34.4	15.9	29	11.95	131.0
\$031573		5.66	0.204	0.91	7.15	5.6	2260	1.63	0.07	4.06	1.79	34.5	8.6	29	11.30	119.0
\$031574		6.22	0.243	1.13	7.60	11.2	580	1.48	0.07	3.82	4.44	34.6	14.1	34	7.39	142.0
\$031575 \$031576 \$031577 \$031577 \$031578 \$031579		5.62 5.04 5.48 5.56 5.76	0.633 1.565 0.720 0.204 0.255	1.41 1.48 1.48 0.59 0.61	8.08 7.93 7.37 7.37 7.10	10.4 18.5 44.7 19.0 10.3	1530 1340 990 1020 1360	1.40 1.14 1.36 1.08 1.04	0.05 0.14 0.09 0.16 0.13	2.32 2.04 4.19 2.75 3.05	0.31 2.26 0.61 2.38 0.23	31.6 21.5 30.1 23.1 22.2	10.8 10.5 11.4 11.6 9.0	39 47 33 38 35	5.80 5.16 5.60 4.26 3.35	254 166.0 59.2 73.4 76.4
\$031580		1.04	<0.005	0.03	0.10	<0.2	20	0.07	<0.01	33.4	0.02	1.08	0.6	2	0.05	1.7
\$031581		5.44	0.461	0.57	7.39	9.6	1480	1.17	0.10	2.42	0.24	28.9	12.9	37	3.56	45.5
\$031582		5.48	0.198	0.48	5.59	6.5	760	1.46	0.06	6.56	7.58	23.2	9.4	18	3.66	46.6
\$031583		6.94	0.360	0.70	7.41	6.4	1490	1.22	0.05	2.82	2.57	30.5	15.7	39	3.71	124.5
\$031584		6.06	0.478	0.90	7.72	5.3	910	1.07	0.04	2.47	0.73	33.2	15.0	40	3.25	180.5
\$031585		6.18	0.270	0.36	7.88	4.1	1390	0.98	0.02	1.88	0.26	25.5	10.8	41	2.33	40.7
\$031586		6.46	0.340	0.46	8.06	5.6	750	1.43	0.05	2.28	0.48	34.7	14.9	38	2.74	62.8
\$031586CD		<0.02	0.399	0.48	7.84	5.7	790	1.55	0.05	2.28	0.41	34.0	15.0	38	2.76	63.7
\$031587		6.00	0.416	0.39	7.86	6.0	1800	1.15	0.08	1.89	0.54	31.0	11.9	36	2.94	62.5
\$031588		6.24	0.339	0.54	7.53	13.7	600	1.42	0.11	3.05	1.33	26.3	15.1	34	4.18	109.0



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20224910** 

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031551		3.03	17.15	0.13	1.2	0.097	3.24	14.6	41.2	2.67	1620	4.77	1.69	5.0	17.2	1230
\$031552		3.22	17.15	0.14	1.0	0.043	3.14	9.4	25.9	1.46	902	3.95	2.38	5.0	17.3	890
\$031553		3.27	14.95	0.11	0.7	0.025	2.27	9.8	22.4	1.20	786	4.63	2.55	4.1	13.3	600
\$031554		3.70	17.15	0.12	1.1	0.034	3.65	13.5	27.3	1.33	832	16.60	1.70	5.1	20.7	940
\$031555		4.83	17.05	0.10	1.1	0.027	3.01	12.6	23.5	1.35	892	7.38	2.10	5.5	18.2	940
\$031556		3.35	15.15	0.13	0.8	0.020	2.60	12.5	19.2	1.01	684	5.78	2.54	4.5	13.4	600
\$031557		2.54	15.25	0.13	0.8	0.014	3.00	11.0	16.9	0.85	616	3.76	2.59	3.6	11.4	550
\$031558		2.99	14.45	0.12	1.3	0.023	2.67	12.1	17.7	0.92	802	5.27	2.32	3.9	11.4	560
\$031559		3.31	15.60	0.10	1.0	0.048	3.05	12.7	17.6	0.89	911	12.45	2.05	3.7	13.5	630
\$031560		0.09	0.30	0.11	<0.1	<0.005	0.02	1.1	1.0	2.18	132	0.09	0.03	0.1	0.7	70
\$031561		3.92	15.75	0.12	1.3	0.054	3.52	16.6	22.9	1.33	1000	5.46	1.90	5.3	15.8	1030
\$031562		3.78	17.15	0.11	1.1	0.060	2.93	14.3	23.3	1.40	1180	6.14	2.26	4.9	17.3	980
\$031563		4.03	18.15	0.11	1.1	0.040	2.39	14.7	26.7	1.59	968	2.79	2.85	5.4	18.3	950
\$031564		4.41	17.70	0.12	1.2	0.056	3.03	16.0	28.1	1.75	1160	2.37	2.47	5.3	20.1	1070
\$031565		3.41	17.95	0.13	1.1	0.036	3.20	15.8	25.6	1.43	880	4.20	2.54	5.4	18.5	970
\$031566		3.02	16.85	0.09	0.9	0.051	2.18	8.7	29.6	1.45	882	5.18	2.76	4.5	14.3	790
\$031566CD		3.07	17.50	0.11	0.9	0.057	2.22	9.8	30.1	1.48	889	6.55	2.80	4.7	14.8	800
\$031567		3.67	17.65	0.12	1.0	0.052	2.36	12.6	33.8	1.47	951	3.83	3.12	5.0	16.8	870
\$031568		4.52	17.75	0.14	1.3	0.035	3.57	19.4	29.2	1.99	1190	6.67	2.68	5.2	40.8	1100
\$031569		4.04	15.10	0.11	1.1	0.111	3.21	13.4	30.9	4.75	2090	11.40	1.52	4.3	30.4	830
\$031570		4.30	11.55	0.10	0.8	0.035	2.58	12.5	9.5	0.37	217	4.25	0.18	5.1	13.0	1250
\$031571		3.88	14.75	0.11	1.0	0.155	2.80	14.0	30.0	4.16	2260	4.69	1.75	4.4	18.1	1070
\$031572		3.52	16.80	0.14	1.3	0.090	3.41	16.2	36.1	2.42	1420	14.70	1.22	4.8	18.9	1780
\$031573		2.33	17.85	0.15	1.6	0.048	5.00	16.9	22.5	1.26	945	8.64	1.09	5.5	16.9	1280
\$031574		4.04	18.50	0.14	1.4	0.037	5.01	15.8	22.7	1.38	911	9.50	1.34	5.4	25.7	1400
\$031575 \$031576 \$031577 \$031577 \$031578 \$031579		3.36 3.31 4.60 3.44 3.40	19.45 17.15 17.10 15.80 15.55	0.12 0.12 0.12 0.11 0.14	1.2 1.1 1.1 1.2 0.9	0.028 0.030 0.040 0.032 0.025	4.30 3.87 3.15 2.85 2.59	14.5 10.7 13.7 11.0 10.7	25.0 19.6 31.0 25.1 26.7	1.42 1.15 1.89 1.40 1.49	738 669 1400 1120 1200	4.80 8.98 3.74 3.45 1.56	1.87 2.08 1.72 2.45 2.65	5.5 4.8 4.6 4.6 4.2	19.3 15.7 17.1 15.7 13.4	1080 820 1020 970 770
\$031580		0.10	0.30	0.06	<0.1	<0.005	0.02	1.2	1.2	1.48	127	0.18	0.03	0.1	0.7	70
\$031581		3.69	17.30	0.10	1.2	0.023	2.94	13.0	27.8	1.65	1160	3.42	2.75	4.8	17.6	880
\$031582		4.29	11.80	0.07	1.1	0.165	2.28	10.2	35.7	4.77	2090	19.00	1.04	3.4	14.4	750
\$031583		3.60	16.80	0.09	1.1	0.037	3.21	13.6	25.2	1.84	1040	5.49	2.86	5.1	19.0	940
\$031584		4.25	17.20	0.11	0.9	0.023	3.05	16.8	25.5	1.75	1120	12.10	2.81	4.7	17.9	850
\$031585 \$031586 \$031586CD \$031587 \$031588		3.63 5.27 5.25 4.23 4.43	16.75 19.10 19.60 16.70 17.90	0.10 0.12 0.10 0.10 0.11	0.9 1.0 1.2 1.0	0.012 0.035 0.039 0.025 0.066	2.68 3.41 3.37 3.37 3.50	12.1 15.4 15.3 12.8 10.6	21.8 25.7 26.0 21.8 21.4	1.46 2.03 2.01 1.84 1.52	1060 1460 1450 1300 1260	1.71 2.92 2.77 2.69 2.69	3.47 2.82 2.78 2.98 2.67	4.7 4.8 4.9 4.5 5.4	15.8 20.8 20.6 18.4 21.2	790 1090 1090 930 780



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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**CERTIFICATE OF ANALYSIS VA20224910** 

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Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$031551 \$031552 \$031553 \$031554 \$031555 \$031556 \$031557 \$031558 \$031559 \$031560 \$031561 \$031561		32.9 19.3 16.5 26.0 26.7 27.7 17.0 8.2 11.7 0.5	111.0 110.5 102.0 144.5 116.5 100.5 117.5 123.0 133.0 0.8	0.044 0.024 0.017 0.239 0.074 0.030 0.031 0.032 0.057 <0.002	0.39 1.83 1.95 2.11 1.96 1.34 1.04 1.23 2.00 0.01 2.76 2.74	3.99 4.76 3.67 4.19 3.45 5.24 5.59 3.84 4.22 0.11 5.82 8.88	12.9 12.3 8.7 13.8 12.7 9.1 7.0 7.7 7.6 0.2	2 6 5 4 4 3 4 5 1	2.0 1.4 0.9 1.2 1.3 1.2 1.0 1.0 1.2 <0.2	592 368 286 337 355 263 232 217 236 78.8	0.32 0.33 0.27 0.32 0.34 0.32 0.24 0.27 0.24 <0.05	<0.05 0.07 0.11 0.07 <0.05 <0.05 0.05 0.07 <0.05 0.07 <0.05	2.95 2.35 2.38 3.32 3.48 3.34 2.37 3.04 2.59 0.06 4.12 3.32	0.323 0.345 0.290 0.329 0.358 0.312 0.225 0.257 0.233 0.005	1.67 1.61 1.25 1.89 1.60 1.30 1.50 1.39 1.47 <0.02	1.6 1.3 1.1 1.6 2.1 1.8 1.2 1.6 1.5 0.1
S031563 S031564 S031565 S031566 S031566CD		19.0 17.2 20.7 13.6 11.5 12.0	92.7 115.5 124.5 92.2 101.5	0.031 0.022 0.019 0.024 0.016 0.021	2.74 2.34 2.64 1.70 1.55 1.58	3.93 3.95 3.87 3.35 3.46	12.4 13.7 12.7 12.8 10.0 10.7	4 6 3 3 3	1.5 1.6 1.4 1.3	332 343 338 323 305 310	0.29 0.35 0.31 0.34 0.29 0.31	0.07 0.06 0.07 0.05 0.06 <0.05	3.32 3.66 3.26 3.06 2.47 2.69	0.321 0.381 0.357 0.368 0.309 0.316	1.01 1.30 1.54 1.53 1.13 1.20	1.7 1.7 1.4 1.1 1.3
\$031567 \$031568 \$031569 \$031570		10.6 14.5 20.8 47.0	96.6 92.6 79.5	0.024 0.025 0.055 <0.002	2.27 2.56 1.85 3.97	3.07 3.54 4.93 33.5	11.1 15.8 13.0	5 8 11 5	1.3 1.4 2.0	354 469 1450 131.0	0.31 0.32 0.25 0.29	0.07 <0.05 <0.05 0.30	2.89 3.62 3.05 2.20	0.335 0.351 0.285 0.288	1.15 1.39 1.24 2.05	1.5 2.0 2.5
\$031571 \$031572 \$031573 \$031574		45.2 35.8 32.0 33.1 22.5	77.9 133.5 150.5 156.5	0.031 0.034 0.018 0.018	1.73 1.98 1.46 2.81	3.37 6.18 5.82 4.65	11.3 14.0 15.9 15.0	11 10 5 10	2.5 2.3 1.5 1.5	453 381 357 369	0.26 0.29 0.35 0.35	<0.05 0.05 <0.05 <0.05	3.06 3.31 2.96 3.65	0.281 0.309 0.340 0.343	1.09 1.57 2.27 2.32	2.3 2.6 2.0 2.7
\$031575 \$031576 \$031577 \$031578 \$031579		25.1 21.6 16.3 19.6	151.5 131.0 111.5 97.1	0.045 0.031 0.023 0.010	2.14 3.13 2.22 2.13	9.59 5.22 4.20 4.01	11.1 11.3 11.6 9.7	5 10 7 10	1.2 1.7 1.2 1.4	246 255 297 315	0.31 0.28 0.28 0.26	<0.05 <0.05 0.06 <0.05	2.89 2.97 2.62 2.64	0.342 0.315 0.321 0.285	1.90 1.60 1.43 1.26	1.7 1.6 1.6 1.2
\$031580 \$031581 \$031582 \$031583 \$031584		0.7 20.0 19.4 21.3 24.4	0.8 96.5 67.4 85.3 88.4	<0.002 0.016 0.114 0.008 0.021	0.01 2.07 2.33 2.27 2.59	0.13 5.82 3.56 6.63 5.21	0.2 13.1 8.2 11.1 11.1	1 7 10 11 14	<0.2 1.5 2.3 2.0 1.1	85.5 388 387 454 454 335	<0.05 0.28 0.21 0.31 0.29	<0.05 <0.05 <0.05 <0.05 <0.05	0.09 3.03 2.20 2.34 2.57	0.006 0.328 0.232 0.344 0.336	0.02 1.38 0.99 1.41 1.34	0.1 1.6 3.4 2.4 1.7
S031586 S031586CD S031587 S031588		17.8 18.1 22.5 22.5	102.5 102.5 80.9 92.2	0.006 0.006 0.004 0.013	2.94 2.93 2.32 3.00	2.93 3.01 2.79 4.53	13.8 13.7 9.4 14.3	10 11 13 13	1.5 1.5 1.7 2.1	431 428 358 397	0.23 0.30 0.31 0.31 0.34	<0.05 <0.05 <0.05 <0.05 <0.05	3.70 3.72 2.92 3.32	0.354 0.358 0.306 0.344	1.52 1.57 1.62 1.72	1.7 1.8 1.8 2.2



To: PRETIVM
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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$031551		114	2.1	19.0	211	43.8	18.2	0.4	116
\$031552		126	2.5	10.9	156	31.1	22.6	0.4	123
\$031553		110	1.8	9.5	82	24.4	24.9	0.3	114
\$031554		132	2.3	14.5	88	33.7	23.2	0.4	106
\$031555		138	2.4	13.4	101	33.2	22.5	0.4	147
S031535 S031556 S031557 S031558 S031559 S031560		126 84 105 96 2	2.7 2.0 3.4 4.2 <0.1	11.7 9.1 8.7 10.9 2.4	89 71 107 68 4	22.1 22.6 25.7 27.5 1.3	26.0 27.4 26.8 25.7 2.4	0.4 0.3 0.3 0.3 0.3 <0.1	155 101 113 102 7
S031561 S031562 S031563 S031564 S031565		120 123 139 120 125	4.8 2.7 2.6 2.6 2.8	13.6 15.4 14.2 15.8 14.4	83 86 99 108 101	37.3 31.6 29.5 34.3 29.5	23.1 22.0 21.9 24.6 25.5	0.4 0.4 0.4 0.4 0.4 0.3	130 133 132 154 122
S031566		103	2.0	11.0	98	25.0	24.8	0.3	117
S031566CD		105	2.1	11.3	98	24.9	23.9	0.3	124
S031567		114	2.2	14.5	83	29.9	23.9	0.4	135
S031568		129	2.2	20.8	109	40.5	22.0	0.4	119
S031569		123	1.5	19.2	159	33.0	20.6	0.7	93
\$031570 \$031571 \$031572 \$031573 \$031574		138 108 124 121 143	2.1 1.5 2.6 2.7 3.3	7.5 16.2 20.4 25.8 17.9	188 213 175 110 182	26.5 32.3 44.1 46.6 40.4	31.7 20.8 21.7 23.6 22.4	0.4 0.3 0.4 0.5	76 86 99 123 109
\$031575		138	3.0	15.2	98	36.6	23.7	0.5	136
\$031576		124	3.1	11.3	147	30.7	24.5	0.4	140
\$031577		115	3.7	15.3	128	33.3	21.2	0.4	108
\$031578		108	2.3	13.4	214	32.7	24.2	0.4	123
\$031579		93	2.0	12.2	99	28.2	24.2	0.3	115
\$031580		2	0.1	2.3	5	1.5	2.7	<0.1	<5
\$031581		104	2.5	18.1	106	36.1	24.6	0.4	124
\$031582		130	1.9	15.9	555	38.8	21.1	0.3	89
\$031583		111	2.1	14.3	270	31.9	24.0	0.4	118
\$031584		116	3.0	14.6	118	25.1	22.8	0.4	118
S031585		110	2.4	12.1	110	48.9	26.6	0.3	123
S031586		130	1.9	18.6	168	29.7	24.0	0.4	123
S031586CD		129	1.9	19.3	168	33.0	23.8	0.4	124
S031587		111	2.3	16.2	163	30.3	24.8	0.3	113
S031588		119	3.9	15.5	124	31.0	25.2	0.4	132



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS** 

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Plus Appendix Pages
Finalized Date: 21-OCT-2020
Account: PREBOW

VA20224910

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031589		6.06	0.478	0.96	7.09	23.8	1450	1.97	0.11	7.02	2.72	34.2	20.9	24	3.89	145.0
\$031590		0.18	1.080	11.10	6.30	320	830	1.00	0.17	3.65	4.37	25.4	10.4	28	6.87	87.6
\$031591		5.76	0.177	0.75	7.65	13.7	750	1.91	0.10	3.39	0.70	30.2	15.1	32	4.26	141.0
\$031592		6.40	0.216	0.56	8.14	9.8	1650	1.87	0.09	2.51	0.31	30.3	12.9	40	4.04	173.5
\$031593		6.48	0.257	0.34	8.27	12.3	1710	1.54	0.09	1.76	0.35	22.9	12.6	45	3.85	77.4
S031594		6.06	0.294	0.33	7.42	15.7	1110	1.15	0.10	4.05	0.36	25.3	9.3	44	3.66	19.2
S031595		5.60	0.415	0.29	7.39	21.8	340	0.96	0.13	3.71	0.45	21.3	9.5	35	3.74	13.0
S031596		5.66	0.207	0.48	6.92	39.6	210	0.78	0.18	3.95	0.62	19.15	10.8	31	2.73	193.0
S031597		5.58	0.262	0.28	7.77	14.1	630	1.22	0.15	3.26	0.25	32.0	12.5	34	3.20	64.3
S031598		4.84	0.309	0.72	7.49	24.0	920	1.56	0.14	3.89	1.07	31.8	14.0	27	3.45	271
S031599 S031600 S031601 S031602 S031603		4.76 1.40 5.16 6.16 6.44	0.209 <0.005 0.315 0.280 0.365	0.29 0.01 0.50 0.31 0.29	7.45 0.10 7.90 7.95 7.53	12.9 0.5 10.4 9.2 12.2	1640 20 1140 1510 1190	1.91 0.08 1.16 1.08 1.13	0.11 0.02 0.11 0.07 0.10	3.47 31.2 3.02 2.00 2.31	2.09 0.02 0.36 0.56 0.31	30.5 1.03 33.4 31.1 24.7	10.2 0.6 13.4 12.3 11.7	29 3 38 38 38 35	3.25 0.05 2.27 1.84 1.93	40.5 1.8 41.2 128.0 38.2
\$031604		6.80	0.397	0.48	7.22	7.7	910	1.81	0.08	4.09	0.90	35.7	18.6	28	3.40	85.1
\$031605		5.96	0.046	0.15	7.72	4.4	740	0.97	0.04	1.58	0.14	21.5	8.9	44	3.67	14.6
\$031606		5.70	0.158	0.26	7.82	4.1	990	1.35	0.10	2.28	0.56	25.6	18.7	39	3.07	23.3
\$031606CD		<0.02	0.149	0.26	7.83	4.5	980	1.26	0.11	2.20	0.53	25.4	18.7	39	3.08	23.3
\$031607		6.26	0.155	0.29	7.53	7.5	1040	1.09	0.07	2.68	0.44	26.0	13.6	42	1.81	76.7
\$031608		5.76	0.189	0.33	7.77	4.5	1040	1.55	0.07	2.76	0.42	28.5	17.3	37	2.50	122.0
\$031609		6.42	0.178	0.62	8.15	4.2	1440	1.71	0.10	3.32	1.60	34.9	22.9	51	2.85	124.5
\$031610		0.18	5.53	81.1	6.42	305	460	1.02	1.13	2.01	23.3	26.8	11.5	23	7.85	126.0
\$031611		6.36	0.179	0.47	7.79	4.9	1480	1.48	0.11	2.90	0.99	34.7	17.8	37	2.28	123.5
\$031612		7.04	0.168	0.38	6.33	7.1	840	1.29	0.07	6.90	0.75	31.5	15.9	26	2.78	102.0
\$031613		5.70	0.166	0.67	4.98	29.4	380	0.93	0.07	12.30	0.59	29.3	8.6	14	3.74	126.0
\$031614		6.04	1.100	0.31	6.33	6.1	1370	1.10	0.06	7.19	0.61	35.2	19.8	22	5.72	73.2
\$031615		6.86	0.168	0.35	4.95	6.8	800	1.19	0.05	8.34	1.06	28.0	13.7	12	2.60	62.3
\$031616		6.16	0.117	0.48	7.15	9.7	1890	1.29	0.16	4.28	0.56	28.8	14.2	30	2.77	94.9
\$031617		6.64	0.148	0.31	8.10	13.0	1670	1.02	0.09	2.29	0.13	21.3	12.3	42	3.09	86.2
\$031618		6.40	0.094	0.43	7.64	35.9	1110	0.91	0.26	2.72	0.23	19.30	12.3	38	2.90	33.3
\$031619		3.08	0.214	0.34	7.33	17.9	1340	1.42	0.13	5.46	0.54	31.4	10.5	34	5.21	27.9
\$031620		1.14	<0.005	0.04	0.08	0.7	20	0.06	0.01	34.4	0.02	1.23	0.6	2	0.06	1.9
\$031621		5.82	0.214	0.39	7.82	9.2	1380	1.10	0.12	2.39	0.36	21.0	10.8	43	3.79	46.6
\$031622		6.66	0.258	0.44	8.17	10.0	1200	1.11	0.11	2.21	0.48	24.1	11.5	36	4.17	31.5
S031623		5.54	0.351	0.38	7.80	15.5	760	1.07	0.11	2.71	0.22	23.2	11.6	37	3.75	25.0
S031624		5.78	0.196	0.41	7.49	13.2	1090	1.31	0.15	3.99	0.24	26.4	12.1	32	6.26	31.7
S031625		5.10	0.265	0.50	7.50	25.8	980	0.87	0.19	2.72	0.24	19.90	9.6	39	6.59	64.8
S031626		5.98	0.227	0.36	7.58	20.3	790	1.00	0.27	5.03	0.13	33.4	11.3	29	6.54	32.9
S031626CD		<0.02	0.212	0.34	7.42	20.0	670	0.94	0.28	4.88	0.13	33.1	10.9	28	6.37	32.1



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20224910** 

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031589		5.41	16.45	0.11	1.7	0.125	3.27	16.8	31.7	3.08	2340	15.55	1.44	4.9	40.0	1310
\$031590		3.90	12.60	0.08	1.1	0.046	3.87	12.2	11.9	0.55	1380	8.95	0.21	4.8	20.4	940
\$031591		4.18	20.0	0.14	1.2	0.045	4.95	12.6	29.3	1.91	1480	2.11	1.54	5.7	22.2	1320
\$031592		4.05	21.7	0.12	1.1	0.022	3.98	14.2	27.8	1.66	1150	4.41	2.66	5.9	22.8	1190
\$031593		4.00	20.9	0.13	1.1	0.023	3.64	9.8	25.4	1.48	1040	1.82	3.03	5.8	20.3	990
\$031594		3.64	17.30	0.11	0.8	0.038	3.03	11.1	20.3	1.05	1210	5.92	3.05	4.6	16.6	670
\$031595		3.84	17.75	0.10	0.7	0.036	2.85	9.3	23.5	1.20	1340	4.32	3.04	4.2	15.5	570
\$031596		4.50	16.15	0.10	0.9	0.047	2.80	8.2	21.6	1.39	1440	3.56	2.88	3.7	15.5	880
\$031597		4.37	19.05	0.13	1.6	0.026	3.25	14.0	24.1	1.49	1150	3.52	3.15	5.7	18.9	1050
\$031598		4.56	18.40	0.12	1.7	0.047	3.41	15.0	30.4	1.94	1500	12.85	2.54	5.4	19.5	860
\$031599 \$031600 \$031601 \$031602 \$031603		4.63 0.12 4.63 3.88 4.09	17.40 0.28 18.95 18.05 17.55	0.12 0.08 0.13 0.10 0.11	1.7 <0.1 1.3 1.3	0.073 0.005 0.040 0.020 0.028	3.19 0.02 3.85 3.59 3.17	14.3 1.1 15.8 13.9 11.1	36.6 1.0 22.7 19.2 24.5	2.77 3.12 1.89 1.52 1.93	1580 152 1120 822 882	14.35 0.23 3.91 3.00 3.80	2.20 0.04 2.83 3.36 2.91	5.4 0.1 5.5 5.4 4.6	15.4 0.7 20.2 18.6 16.2	900 80 1020 1030 800
S031604		4.97	18.55	0.12	1.4	0.106	2.95	17.8	35.5	4.54	1500	11.80	1.92	4.9	22.8	950
S031605		2.29	16.90	0.07	1.0	0.033	2.76	10.5	24.9	1.41	932	2.30	3.52	5.0	19.0	820
S031606		4.67	19.70	0.12	1.4	0.026	2.88	10.9	32.1	2.22	1400	4.62	3.20	5.7	24.5	1170
S031606CD		4.65	19.70	0.13	1.3	0.025	2.88	10.8	32.9	2.25	1400	4.27	3.21	5.6	24.3	1170
S031607		3.89	18.40	0.11	1.1	0.023	3.12	11.6	25.7	1.68	963	2.57	3.26	5.3	19.3	950
\$031608		4.52	19.25	0.11	1.4	0.040	3.17	14.0	30.7	2.27	1020	8.04	3.09	5.1	22.6	960
\$031609		5.19	19.35	0.14	1.5	0.100	3.79	19.0	28.8	3.75	1440	11.80	2.72	5.4	70.7	1190
\$031610		4.77	13.55	0.09	1.3	1.400	3.69	13.7	14.0	0.48	1200	9.48	0.23	5.6	18.1	990
\$031611		4.32	19.35	0.15	1.4	0.053	4.02	16.2	22.8	2.80	880	17.25	2.85	5.5	36.3	1140
\$031612		4.15	15.95	0.12	1.5	0.109	2.15	16.0	50.7	5.09	1420	19.85	1.49	3.8	38.4	850
\$031613		2.86	12.05	0.07	1.2	0.148	0.81	15.9	61.3	4.93	1820	35.2	0.88	2.8	18.0	730
\$031614		2.96	14.15	0.10	1.5	0.112	2.65	17.2	35.7	4.92	1600	17.10	1.59	3.7	26.6	860
\$031615		3.29	12.60	0.09	1.3	0.185	2.02	14.1	36.9	8.12	2190	24.0	0.94	3.2	16.6	870
\$031616		4.21	16.30	0.10	1.0	0.087	4.21	14.6	24.5	2.72	1420	7.38	1.78	4.4	16.6	810
\$031617		3.94	18.35	0.10	1.1	0.029	4.50	9.6	24.3	1.40	1080	5.66	2.58	5.3	17.9	790
\$031618		4.08	16.55	0.10	0.8	0.047	3.34	9.5	24.9	1.35	1020	7.13	2.95	4.2	15.7	700
\$031619		3.54	17.45	0.11	1.3	0.054	3.48	15.0	31.7	1.78	1400	6.63	1.95	4.9	19.3	970
\$031620		0.10	0.24	0.08	<0.1	0.006	0.02	1.4	1.0	1.82	152	0.12	0.03	0.1	0.6	80
\$031621		3.24	17.25	0.10	1.1	0.028	3.56	8.7	22.5	1.44	999	3.07	2.91	5.2	17.5	860
\$031622		4.05	18.60	0.09	1.2	0.027	3.71	10.2	17.9	1.40	1080	2.94	2.98	5.6	18.3	980
S031623		4.17	17.40	0.11	1.1	0.033	3.86	10.5	21.0	1.42	1100	2.14	2.73	5.1	17.4	820
S031624		4.25	18.65	0.12	1.4	0.043	3.64	13.6	26.1	1.72	1230	5.85	2.08	5.7	16.8	900
S031625		3.66	17.75	0.11	1.1	0.033	4.26	11.0	19.5	1.12	937	3.51	1.97	4.9	15.8	730
S031626		5.00	17.40	0.12	1.4	0.141	3.96	20.2	32.1	2.34	1820	3.90	1.40	5.0	14.6	830
S031626CD		4.84	16.95	0.11	1.3	0.136	3.80	20.6	30.1	2.27	1760	3.85	1.35	4.9	14.3	800



To: PRETIVM
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(ALS)	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	24910	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031589		19.1	106.5	0.041	3.52	7.95	15.9	9	2.7	592	0.31	0.05	4.19	0.314	1.71	6.0
\$031590		142.0	166.0	0.009	2.79	18.15	11.1	2	1.4	194.5	0.29	0.31	3.18	0.253	3.00	1.8
\$031591		32.1	116.0	0.004	2.57	4.73	14.1	13	2.4	383	0.33	<0.05	3.19	0.367	2.48	1.7
\$031592		29.4	110.0	0.086	2.34	4.11	12.9	14	2.3	376	0.39	<0.05	3.03	0.398	2.18	1.6
\$031593		27.4	104.0	0.005	2.30	3.84	13.0	11	2.0	369	0.35	<0.05	2.84	0.395	1.98	1.5
\$031594		37.0	90.5	0.016	2.25	3.50	10.1	9	1.7	363	0.30	0.06	2.28	0.318	1.65	1.9
\$031595		37.9	85.5	0.014	2.15	3.30	8.8	9	1.4	630	0.26	<0.05	2.03	0.267	1.43	1.4
\$031596		22.7	65.6	0.012	2.75	3.23	8.7	7	1.5	572	0.25	0.07	3.45	0.261	1.32	1.3
\$031597		13.4	85.2	0.021	2.60	4.72	13.6	9	2.0	470	0.36	0.08	3.13	0.370	1.67	1.8
\$031598		25.5	79.6	0.125	2.63	6.59	15.6	11	2.2	504	0.34	<0.05	3.18	0.343	1.70	2.9
\$031599		25.5	85.6	0.032	2.30	4.92	13.9	13	2.5	414	0.32	<0.05	3.29	0.332	1.63	3.7
\$031600		0.7	0.6	<0.002	<0.01	0.12	0.2	1	<0.2	73.8	<0.05	<0.05	0.07	0.006	0.02	0.2
\$031601		29.9	81.8	0.009	2.77	6.44	10.4	16	3.4	438	0.35	<0.05	3.03	0.375	1.81	2.2
\$031602		21.3	75.4	0.018	2.20	4.84	11.9	10	1.9	432	0.38	<0.05	3.20	0.373	1.84	1.7
\$031603		19.1	68.5	0.022	2.08	4.65	13.3	9	2.4	435	0.34	<0.05	3.06	0.320	1.55	1.7
S031604		31.0	73.8	0.019	2.46	4.94	18.7	16	4.3	478	0.32	<0.05	4.27	0.311	1.52	3.2
S031605		14.2	74.1	0.006	0.55	3.20	9.8	3	1.2	352	0.33	<0.05	2.43	0.334	1.55	1.4
S031606		27.7	60.8	0.008	2.28	2.24	13.2	13	2.4	362	0.36	<0.05	3.08	0.380	1.46	2.0
S031606CD		27.9	57.0	0.005	2.24	2.33	13.3	15	2.3	368	0.37	<0.05	3.10	0.383	1.59	2.1
S031607		22.7	64.2	0.008	1.74	2.19	12.0	13	1.8	366	0.34	<0.05	2.46	0.358	1.52	1.4
\$031608		15.5	69.3	0.029	2.30	2.42	13.8	13	1.6	444	0.32	<0.05	2.89	0.352	1.61	2.2
\$031609		26.2	88.0	0.022	2.66	2.92	15.2	15	2.6	642	0.35	<0.05	3.18	0.383	1.84	2.8
\$031610		8770	155.0	0.003	2.99	72.3	13.4	3	4.1	146.5	0.34	0.28	3.82	0.257	3.13	2.2
\$031611		22.6	82.0	0.086	2.32	3.47	14.0	13	2.0	722	0.34	<0.05	3.26	0.378	1.92	2.5
\$031612		18.8	63.1	0.042	1.74	2.69	13.3	12	2.4	585	0.24	<0.05	3.17	0.273	1.09	4.4
\$031613		12.0	29.2	0.239	0.76	4.16	9.8	3	2.4	501	0.19	<0.05	2.49	0.196	0.52	4.4
\$031614		15.5	77.6	0.025	0.99	3.38	11.3	9	3.2	548	0.26	<0.05	2.94	0.262	1.27	4.4
\$031615		18.8	56.8	0.057	0.94	5.10	9.3	7	3.2	375	0.19	<0.05	2.50	0.203	1.00	5.5
\$031616		26.0	90.9	0.064	2.11	8.47	9.0	10	2.1	650	0.28	<0.05	2.58	0.275	1.97	2.7
\$031617		15.4	101.5	0.030	1.50	9.89	9.6	4	1.9	504	0.35	<0.05	2.29	0.332	2.07	1.8
\$031618		27.2	89.1	0.048	2.78	6.26	8.3	5	1.6	294	0.28	0.05	2.19	0.282	1.68	1.2
\$031619		28.9	113.0	0.070	2.02	4.32	16.8	6	1.7	338	0.32	<0.05	4.28	0.345	1.85	2.2
\$031620		3.5	0.8	<0.002	0.01	0.10	0.2	1	<0.2	87.1	<0.05	<0.05	0.09	0.005	0.02	0.1
\$031621		25.2	87.1	0.019	1.71	5.13	9.0	5	1.4	319	0.35	<0.05	2.37	0.348	1.80	1.2
\$031622		30.1	100.0	0.016	2.72	4.08	8.7	7	1.4	358	0.38	<0.05	3.14	0.348	1.92	1.4
S031623 S031624 S031625 S031626 S031626CD		27.1 23.3 18.8 15.2 15.9	93.6 107.5 127.5 130.0 129.0	0.018 0.034 0.022 0.035 0.036	3.00 2.85 2.58 2.69 2.60	3.49 4.69 4.16 7.85 7.68	8.5 11.8 9.0 14.5 13.8	8 9 5 7 7	1.5 1.7 1.4 1.9	340 320 298 356 345	0.33 0.35 0.33 0.32 0.31	<0.05 <0.05 <0.05 0.05 0.07	2.65 3.76 2.72 4.70 4.78	0.327 0.327 0.311 0.289 0.278	1.94 1.93 2.35 2.28 2.20	1.4 1.6 1.5 2.5 2.5



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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(ALS)	,								CERTIFICATE OF ANALYSIS VA20224910
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34
	Analyte	V	W	Y	Zn	Zr	Si	Ti	Zr
	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5
5031589		121	2.2	25.3	167	62.0	18.8	0.4	111
5031590		108	5.7	8.7	480	38.3	26.7	0.4	85
5031591		138	3.9	17.6	139	36.0	24.3	0.5	105
5031592		133	5.6	15.4	112	30.6	25.1	0.5	128
031593		140	4.3	12.9	103	31.7	26.6	0.5	140
031594		114	3.7	12.8	81	25.0	24.3	0.4	112
031595		103	3.8	11.1	88	22.7	24.7	0.5	108
031595 031596 031597 031598		99 105 107	2.8 4.0 2.8	12.5 18.6 20.2	93 84 124	25.9 45.0 59.5	23.1 24.1 23.3	0.5 0.4 0.4	101 122 121
031599		115	2.2	20.2	175	64.6	23.7	0.3	135
031600		2	<0.1	2.1	4	1.8	4.0	<0.1	<5
031601		130	1.9	17.7	113	39.9	24.5	0.4	126
031602		118	2.1	19.5	94	40.5	25.8	0.4	131
031603 031604 031605 031606		113 140 112 139	1.7 1.5 2.4 2.3	15.5 17.5 11.6 14.4	118 182 107 159	36.1 52.2 29.1 41.8	25.6 22.9 28.4 23.7	0.3 0.4 0.4	124 105 132 115
031606CD 031607 031608		141 119	2.3 2.5 2.1	14.4 16.1	161 126 115	40.6 32.6 44.0	23.7 25.2 24.5	0.4 0.3 0.3	119 136 136
031609		164	2.1	19.6	152	51.6	23.0	0.4	105
031610		127	4.2	9.6	1870	44.2	29.1	0.3	77
031611		144	1.6	18.5	108	43.5	24.0	0.4	106
031612		129	1.9	19.4	136	51.9	20.9	0.3	81
031613		106	3.1	18.7	145	44.0	16.8	0.2	62
031614		107	1.7	18.3	124	50.5	20.3	0.3	78
031615		155	1.4	14.7	158	47.1	21.1	0.2	70
031616		103	2.2	13.2	146	29.6	23.6	0.4	110
031617		115	3.6	12.2	103	31.1	26.4	0.4	119
031618		101	2.4	9.5	90	22.8	25.7	0.3	100
031619		118	3.5	14.6	106	36.8	23.9	0.4	111
031620		2	<0.1	2.3	3	1.5	3.0	<0.1	11
031621		117	2.8	11.2	99	33.7	27.1	0.4	130
031622		118	3.0	14.4	100	37.6	25.6	0.3	137
5031623		114	3.1	12.3	94	35.4	25.6	0.4	124
5031624		108	3.2	15.0	100	48.4	23.7	0.3	143
5031625		103	3.3	9.7	85	41.2	26.6	0.4	136
5031626		104	2.5	12.6	137	46.1	21.9	0.3	104
5031626CD		100	2.5	12.3	132	45.0	22.1	0.4	118



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20224910** 

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											C/ 11 L O	, , , , , , ,				
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61							
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031627		6.24	0.263	0.29	7.44	12.0	1880	1.24	0.16	3.39	0.21	35.0	10.8	30	6.52	14.6
\$031628		4.68	0.316	0.40	7.16	6.5	1480	1.06	0.22	3.78	0.32	38.5	11.6	26	4.92	42.9
\$031629		3.80	0.395	0.46	8.09	10.1	1770	1.30	0.35	3.88	6.84	43.2	14.6	32	3.46	36.8
\$031630		0.16	1.000	30.0	5.99	395	220	1.14	0.96	0.66	1.66	27.4	13.1	19	8.18	112.0
\$031631		3.12	0.007	0.06	1.48	2.1	330	0.16	0.05	4.03	0.09	6.58	3.3	45	0.76	2.5
\$031632		4.02	0.087	0.16	7.93	3.7	1050	1.14	0.06	1.33	0.20	76.3	7.4	42	8.10	25.2
\$031633		2.34	0.204	0.44	8.20	3.3	1840	0.87	0.08	1.24	0.71	21.9	7.1	42	5.67	65.1
\$031634		6.36	0.237	0.54	7.71	4.8	1990	1.10	0.08	2.55	0.60	35.2	15.5	36	3.78	91.2
\$031635		6.36	0.320	0.66	7.86	4.3	1670	1.85	0.10	3.69	0.81	27.0	11.0	29	7.21	146.5
\$031636		6.62	0.433	0.60	7.85	18.8	1050	1.32	0.14	2.77	0.58	30.3	14.0	36	6.20	108.0
\$031637		6.00	0.505	0.64	8.11	23.8	1450	1.17	0.13	3.01	1.99	28.2	13.1	36	2.83	151.0
\$031638		6.76	0.609	0.55	7.81	4.7	1360	1.19	0.09	2.73	0.31	24.5	13.7	37	3.24	155.5
\$031639		6.24	0.391	0.45	7.98	5.4	1460	1.12	0.08	1.61	0.16	26.5	11.7	45	2.62	102.0
\$031640		1.00	<0.005	0.02	0.10	0.5	20	<0.05	0.01	32.9	0.02	1.05	0.6	1	0.05	2.5
\$031641		6.54	0.423	0.54	8.09	6.9	1100	1.11	0.11	2.13	0.27	28.8	13.0	39	2.56	102.5
\$031642		6.16	0.587	0.66	8.11	5.6	1380	1.13	0.06	2.02	0.31	24.9	12.6	43	2.75	126.0
\$031643		6.06	0.321	0.40	8.16	4.0	1450	1.05	0.04	1.93	0.25	17.90	10.3	39	2.58	56.7
\$031644		6.08	0.251	0.35	8.52	4.7	1480	1.31	0.05	1.67	0.95	23.2	11.7	42	3.02	102.0
\$031645		6.82	0.342	0.24	8.49	4.2	1340	1.12	0.08	2.02	0.21	23.5	14.3	46	2.39	79.3
\$031646		5.44	0.319	0.29	8.69	4.3	1400	1.36	0.08	1.82	0.22	26.4	16.5	44	2.88	109.0
S031646CD		<0.02	0.314	0.34	8.71	4.1	1400	1.30	0.08	1.85	0.25	29.1	16.0	44	2.87	101.5
S031647		6.12	0.392	0.29	8.11	4.8	1250	1.24	0.06	2.44	0.31	36.1	14.2	41	3.59	90.9
S031648		5.64	0.351	0.52	7.66	57.6	800	1.15	0.05	2.28	0.34	24.7	13.2	44	5.33	148.0
S031649		6.80	0.314	0.69	7.72	31.3	920	0.90	0.12	2.87	0.20	23.7	12.1	40	4.27	162.5
S031650		0.18	0.955	12.60	6.49	333	410	1.14	0.16	3.77	4.53	24.5	10.8	28	7.16	88.2



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20224910** 

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									CERTIFICATE OF AUTOLE							
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61							
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031627		3.41	18.85	0.12	1.9	0.046	4.27	21.1	26.6	1.59	1220	18.45	1.56	6.6	15.6	810
\$031628		3.91	17.15	0.15	2.4	0.068	4.33	22.6	26.6	1.92	1470	5.75	1.66	7.4	16.1	770
\$031629		5.40	20.9	0.15	1.9	0.143	1.79	24.8	57.0	5.65	2160	10.80	1.78	7.0	24.4	1230
\$031630		4.49	13.40	0.11	0.9	0.034	2.68	13.6	8.8	0.37	228	4.66	0.19	5.8	14.6	1320
\$031631		1.65	4.14	<0.05	0.3	0.040	0.06	4.2	27.4	2.25	970	7.22	0.03	1.1	5.2	310
\$031632		2.49	18.70	0.12	0.8	0.053	3.74	65.4	58.8	4.11	1150	13.10	1.73	4.5	16.1	920
\$031633		2.54	17.35	0.11	0.8	0.019	4.30	13.3	26.4	1.72	796	5.20	2.68	4.3	16.9	910
\$031634		4.42	19.55	0.16	1.4	0.056	4.43	21.1	33.2	3.16	1200	8.23	1.67	5.9	20.4	1240
\$031635		3.71	20.6	0.15	1.6	0.037	5.05	11.9	54.1	3.41	1380	19.10	1.34	5.1	24.8	1290
\$031636		4.21	19.20	0.12	1.3	0.032	5.46	14.5	33.9	1.50	1160	12.80	1.59	5.4	23.3	1020
\$031637		3.94	20.4	0.13	1.2	0.033	4.05	12.2	26.2	1.48	1220	14.05	2.91	5.7	21.4	1030
\$031638		5.05	20.3	0.13	1.1	0.035	3.97	11.4	25.5	1.48	1110	52.5	2.45	4.6	17.8	950
\$031639		4.47	19.15	0.13	1.1	0.023	4.63	12.3	21.8	1.19	809	6.18	2.44	4.9	19.3	950
\$031640		0.11	0.30	0.10	<0.1	<0.005	0.02	1.2	1.1	2.19	138	0.23	0.03	0.1	0.7	70
\$031641		4.84	19.25	0.10	1.1	0.030	4.20	14.3	17.9	1.29	886	3.83	2.90	4.7	20.2	1080
S031642		4.63	20.4	0.10	1.1	0.029	3.63	11.8	19.8	1.49	1040	8.91	3.05	5.2	18.9	1100
S031643		3.40	19.20	0.09	1.0	0.024	4.01	8.0	17.4	1.11	924	3.05	3.10	5.1	13.7	770
S031644		3.25	20.2	0.12	1.1	0.028	4.18	11.2	19.7	1.11	749	3.51	3.08	5.0	18.7	1010
S031645		4.39	20.7	0.13	1.0	0.037	3.70	11.5	22.2	1.47	850	3.06	3.24	5.7	20.0	1140
S031646		4.88	22.7	0.13	1.0	0.042	3.95	12.9	24.4	1.51	839	2.11	3.08	5.9	23.0	1290
S031646CD		4.74	22.6	0.12	1.0	0.041	3.95	14.2	24.2	1.52	843	1.99	3.06	5.9	22.4	1290
S031647		4.33	21.0	0.16	1.0	0.034	3.30	18.8	23.8	1.51	890	1.97	3.02	5.3	22.3	1150
S031648		4.26	19.45	0.10	1.1	0.027	2.85	10.9	24.6	1.52	820	6.31	2.18	5.3	22.1	1350
S031649		4.35	18.90	0.12	0.9	0.034	2.98	11.6	27.5	1.58	995	11.80	2.20	4.9	16.5	870
S031650		4.06	14.55	0.11	1.2	0.054	3.99	12.8	13.7	0.56	1420	9.62	0.22	5.3	22.0	970



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**CERTIFICATE OF ANALYSIS VA20224910** 

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031627		26.1	126.0	0.448	1.63	6.39	10.4	5	2.1	329	0.44	<0.05	4.92	0.309	2.36	2.6
\$031628		50.8	86.0	0.046	1.86	11.70	9.7	12	2.2	437	0.53	<0.05	6.04	0.286	2.24	3.1
\$031629		158.0	39.0	0.024	2.54	31.1	11.2	18	4.4	651	0.40	<0.05	3.43	0.371	1.09	3.1
\$031630		52.0	123.5	<0.002	4.11	36.1	12.9	5	1.8	136.5	0.33	0.32	2.49	0.304	2.28	0.9
\$031631		13.2	2.6	0.006	0.09	0.60	3.4	1	0.7	225	0.07	<0.05	0.65	0.070	0.05	0.6
S031632		15.0	82.2	0.044	0.31	3.23	7.6	2	2.0	256	0.30	<0.05	1.89	0.306	2.20	1.4
S031633		27.8	104.5	0.044	0.75	2.30	8.3	4	1.8	417	0.28	<0.05	2.18	0.287	2.16	1.5
S031634		23.9	96.3	0.052	1.69	3.54	12.6	12	2.7	540	0.36	<0.05	3.40	0.340	2.08	2.2
S031635		30.9	125.5	0.044	1.73	2.99	12.0	7	2.4	359	0.33	<0.05	3.25	0.324	2.67	2.9
S031636		33.6	118.5	0.079	2.74	4.27	11.7	4	2.2	359	0.33	<0.05	3.01	0.348	2.95	1.8
\$031637		28.8	97.5	0.268	2.24	9.08	12.1	5	2.0	458	0.35	<0.05	3.48	0.350	1.86	1.5
\$031638		18.1	88.9	0.499	1.46	3.73	11.0	6	1.9	499	0.29	<0.05	2.59	0.317	1.84	1.4
\$031639		12.1	117.0	0.065	1.50	2.27	11.0	4	1.6	347	0.32	<0.05	2.67	0.341	2.28	1.5
\$031640		0.6	0.7	<0.002	<0.01	0.09	0.2	1	<0.2	80.1	<0.05	<0.05	0.08	0.006	0.02	0.1
\$031641		27.0	96.6	0.030	2.95	3.23	10.8	8	2.0	389	0.30	<0.05	3.05	0.327	1.97	1.4
\$031642 \$031643 \$031644 \$031645 \$031646		19.9 19.2 16.6 19.4 19.3	79.9 92.8 113.5 86.5 104.5	0.100 0.037 0.026 0.027 0.017	1.70 0.92 0.87 1.20 1.89	3.45 2.27 1.92 2.14 2.27	11.1 9.7 10.7 11.7 14.1	7 4 6 9	2.0 1.4 1.4 1.7	476 395 358 352 337	0.32 0.32 0.31 0.35 0.38	<0.05 <0.05 <0.05 <0.05 <0.05	2.91 2.55 2.75 2.65 3.12	0.357 0.326 0.343 0.389 0.399	1.78 1.84 2.02 1.71 2.09	1.5 1.4 1.5 1.2 1.1
S031646CD		19.4	106.5	0.015	1.75	2.18	13.9	7	1.8	335	0.39	<0.05	3.44	0.399	2.13	1.2
S031647		19.2	94.1	0.014	1.95	2.81	12.9	8	1.6	300	0.34	<0.05	2.75	0.361	1.77	1.2
S031648		21.3	106.0	0.056	1.73	3.87	12.6	5	1.8	192.5	0.34	<0.05	3.11	0.360	1.87	1.7
S031649		13.1	99.5	0.148	1.21	3.85	10.8	4	1.5	209	0.30	<0.05	2.36	0.331	1.69	1.1
S031650		147.5	174.0	0.010	2.89	19.90	11.2	2	1.5	202	0.29	0.35	3.06	0.265	3.22	1.6



To: PRETIVM
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(ALS)									CERTIFICATE OF ANALYSIS VA20224910
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	pXRF-34	pXRF-34	pXRF-34
	Analyte	V	W	Y	Zn	Zr	Si	Ti	Zr
	Units	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5
\$031627		96	3.0	17.1	95	69.8	25.5	0.4	152
\$031628		89	2.5	16.8	142	84.9	24.3	0.4	150
\$031629		133	3.3	19.5	498	65.3	20.5	0.4	125
\$031630		143	2.3	8.3	199	34.7	31.6	0.4	77
\$031631		33	0.6	6.2	122	9.2	35.8	0.1	30
\$031632		116	3.2	8.2	219	25.9	26.8	0.3	107
\$031633		97	2.7	9.2	121	25.1	28.8	0.3	102
\$031634		131	2.8	16.9	152	42.3	23.9	0.4	119
\$031635		167	3.8	17.5	158	56.1	23.0	0.4	107
\$031636		132	4.8	16.0	130	42.5	25.8	0.4	122
\$031637		125	3.0	16.7	179	36.4	24.8	0.4	123
\$031638		119	3.2	12.8	116	34.5	25.3	0.4	101
\$031639		126	3.1	13.5	96	34.6	25.2	0.4	147
\$031640		2	<0.1	2.2	4	1.6	3.2	<0.1	7
\$031641		126	2.8	14.4	92	36.3	24.3	0.4	125
\$031642		131	2.2	13.0	105	37.5	25.4	0.4	140
\$031643		112	1.9	10.5	93	31.3	26.4	0.3	145
\$031644		118	2.0	12.7	97	34.1	27.2	0.4	137
\$031645		130	2.3	12.7	102	33.7	26.2	0.4	148
\$031646		147	3.1	13.5	117	33.7	24.9	0.4	141
S031646CD S031647 S031648 S031649 S031650		145 133 128 117 110	3.3 2.7 2.5 2.8 4.5	14.2 14.9 14.9 12.8 9.2	116 112 105 116 500	32.8 32.5 37.1 30.6 41.6	23.9 25.4 25.2 24.9 29.3	0.4 0.4 0.3 0.3	148 130 123 137 83



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

Page: Appendix 1
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Finalized Date: 21-OCT-2020

**Account: PREBOW** 

Project: Bowser Regional Project

CERTIFICATE OF ANALYSIS VA20224910

		CERTIFICATE COM	MENTS	
		ANALY	TICAL COMMENTS	
Applies to Method:	REEs may not be totally s ME-MS61	soluble in this method.		
		LABORA	ATORY ADDRESSES	
		iver located at 2103 Dollarton Hwy, No		
Applies to Method:	Au-AA23 LOG-21	BAG-01 LOG-21d	CRU-31 LOG-23	CRU-QC ME-MS61
	PUL-32m SPL-21	PUL-32md SPL-21d	PUL-QC WEI-21	pXRF-34



ALS Canada Ltd. 2103 Dollarton Hwy North Vancouver BC V7H 0A7

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www.alsglobal.com/geochemistry

To: PRETIVM SUITE 2300, FOUR BENTALL CENTRE 1055 DUNSMUIR STREET **VANCOUVER BC V7X 1L4** 

Page: 1 Total # Pages: 3 (A - D) **Plus Appendix Pages** Finalized Date: 19-OCT-2020 This copy reported on

27-JAN-2021 **Account: PREBOW** 

## VA20224912

Project: Bowser Regional Project

P.O. No.: BOW-1156

This report is for 57 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 5-OCT-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA **COREY JAMES** LEANNE HAWKINS JULIANNE MADSEN STEPHAINE WAFFORN

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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VANCOUVER BC V7X 1L4

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Total # Pages: 3 (A - D)
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Finalized Date: 19-OCT-2020
Account: PREBOW

(ALS	,								С	ERTIFI	CATE O	F ANAI	LYSIS	VA202	24912	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
S031651		6.36	0.546	0.56	8.39	73.0	990	1.19	0.20	1.72	0.18	24.5	14.2	44	7.30	114.5
S031652		5.90	0.132	0.43	7.32	68.4	1140	1.22	0.18	3.56	0.51	31.1	16.1	26	5.53	45.4
S031653		4.20	0.335	0.55	8.02	22.3	1160	1.18	0.37	2.72	0.25	26.5	15.0	43	4.95	128.0
S031654		5.96	0.170	0.37	8.54	19.4	1490	1.59	0.16	3.05	0.38	28.1	16.9	37	6.84	142.5
S031655		6.54	0.144	0.28	8.32	9.1	1230	1.44	0.10	2.51	1.68	24.4	18.1	34	4.19	174.5
S031656		5.68	0.224	0.23	8.81	6.8	1130	1.60	0.10	2.84	0.23	24.7	17.8	30	4.26	150.5
S031657		6.02	0.170	0.20	8.47	16.2	1520	1.64	0.11	3.45	0.42	25.4	20.3	37	5.63	147.0
S031658		5.04	0.125	0.17	8.12	11.4	970	1.67	0.13	4.88	0.21	29.3	22.3	39	4.37	147.0
S031659		5.12	0.148	0.19	8.25	9.8	720	1.67	0.17	4.12	0.41	30.0	20.8	36	6.10	189.0
S031660		1.12	<0.005	<0.01	0.10	0.8	20	0.07	0.02	36.2	0.02	1.16	0.8	2	0.07	3.0
S031661		5.94	0.167	0.19	8.41	8.4	620	1.77	0.16	3.29	0.30	31.3	18.7	34	5.45	202
S031662		5.36	0.226	0.17	7.47	6.6	360	1.49	0.23	3.50	0.31	24.2	17.5	33	2.64	240
S031663		4.80	0.246	0.16	8.14	6.6	640	1.26	0.28	3.99	0.23	28.4	16.8	38	2.92	164.0
S031664		6.98	0.221	0.26	7.68	18.0	500	1.53	0.44	4.55	0.16	24.1	20.4	43	3.62	127.0
S031665		4.90	0.134	0.29	8.23	15.5	290	1.73	0.44	3.18	0.22	20.0	19.1	36	5.42	166.0
5031666		6.04	0.164	0.26	7.26	137.0	390	1.06	0.23	4.81	0.21	23.2	14.9	42	2.19	111.0
5031666CD		<0.02	0.148	0.21	7.35	131.5	390	0.99	0.21	5.08	0.17	23.9	14.6	43	2.06	107.5
5031667		4.68	0.098	0.32	7.39	8.1	420	1.15	0.14	3.93	0.69	22.3	10.4	41	3.39	304
5031668		7.08	0.032	0.21	6.93	18.5	230	1.37	0.29	6.73	1.09	21.9	5.8	43	4.69	21.9
5031669		6.02	0.251	0.23	6.91	156.0	770	1.44	0.11	8.04	18.75	25.3	7.3	27	7.36	20.7
5031670		0.18	5.61	80.7	6.39	311	1250	0.98	1.25	1.99	22.3	26.1	11.2	24	7.71	115.0
5031671		6.44	0.239	0.61	7.41	91.7	1160	1.33	0.20	6.03	5.51	18.00	13.8	32	6.87	87.8
5031672		4.64	0.009	0.41	7.84	38.9	3780	0.88	0.29	5.60	1.44	15.65	13.0	26	5.25	75.3
5031673		3.28	0.008	0.58	7.46	37.9	1030	0.98	0.56	4.36	1.16	11.00	17.4	23	5.33	106.5
5031674		4.86	0.014	0.64	7.79	56.1	920	1.07	0.40	4.32	0.60	13.60	22.3	24	6.55	131.0
5031675		6.06	0.012	0.88	7.64	42.1	560	1.09	0.40	3.13	0.32	15.45	25.3	20	6.81	211
5031676		5.64	0.007	0.79	8.18	26.8	620	1.02	0.42	2.47	0.24	13.00	21.1	13	7.01	221
5031677		6.20	0.011	0.62	8.13	36.3	590	0.64	0.32	1.40	0.16	14.40	19.7	10	5.75	168.5
5031678		5.54	0.006	0.49	7.59	22.0	630	0.78	0.29	2.51	0.11	13.55	18.1	9	4.81	150.5
5031679		6.24	0.005	0.35	7.63	17.9	660	0.87	0.16	2.35	0.07	13.35	17.2	9	4.88	113.5
5031680		1.00	<0.005	0.06	0.13	1.0	50	0.05	0.02	35.0	0.02	1.94	0.9	2	0.10	2.6
5031681		5.48	0.009	0.34	7.73	25.4	990	0.86	0.11	2.57	0.04	12.85	13.9	9	5.14	78.8
5031682		5.72	0.010	0.39	7.20	74.8	670	0.83	0.21	4.68	0.03	12.85	16.4	7	4.02	79.8
5031683		5.80	0.007	0.31	7.49	40.1	1390	0.73	0.26	4.89	0.06	15.60	15.2	7	3.83	71.3
5031684		6.86	0.007	0.32	7.44	29.8	1360	0.71	0.29	3.03	0.06	14.50	15.6	6	3.83	70.8
S031685 S031686 S031686CD S031687 S031688		6.28 5.92 <0.02 6.28 6.48	0.011 0.006 0.007 <0.005 <0.005	0.43 0.29 0.31 0.29 0.28	7.15 6.56 6.72 7.39 7.07	47.3 60.0 65.1 48.0 33.7	700 1480 1560 1400 1130	0.81 0.50 0.58 0.70 0.70	0.32 0.21 0.24 0.14 0.10	3.83 7.98 7.65 4.80 3.98	0.08 0.06 0.08 0.07 0.06	14.10 14.85 15.75 14.95 13.45	16.9 10.4 11.8 14.6 15.8	5 5 5 6	3.93 3.20 3.43 4.02 4.48	75.9 47.9 52.1 64.7 75.2



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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CERTIFICATE OF ANALYSIS VA20224912

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											<u> </u>	1 / (14/ (1	_ 1 3 1 3	TITLE	2 1312	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61									
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031651		4.48	19.15	0.16	1.0	0.038	3.79	12.6	24.4	1.31	715	13.55	1.79	5.2	18.8	950
\$031652		5.20	17.00	0.17	1.0	0.057	3.18	14.4	25.9	1.76	1230	3.05	1.27	6.3	11.5	1560
\$031653		4.54	20.1	0.18	1.3	0.050	3.51	11.8	21.8	1.58	843	2.50	2.49	6.1	24.8	1070
\$031654		4.37	22.9	0.19	1.6	0.048	3.72	13.5	22.9	1.48	839	5.23	2.63	6.7	31.8	1470
\$031655		4.56	20.9	0.19	1.3	0.063	3.34	10.0	21.9	1.54	849	2.66	3.17	5.4	25.8	1330
\$031656		4.62	20.9	0.19	1.2	0.049	3.16	10.4	20.8	1.46	889	2.16	3.75	5.4	25.3	1410
\$031657		4.80	21.8	0.19	1.6	0.117	4.05	11.8	19.5	1.32	983	12.10	3.22	6.1	38.6	1270
\$031658		4.98	23.4	0.19	1.7	0.139	2.78	13.4	20.4	1.27	1140	27.2	3.63	6.5	43.6	1410
\$031659		5.19	21.3	0.18	1.9	0.073	3.26	12.8	26.0	1.61	1080	46.8	3.24	6.6	59.2	1210
\$031660		0.14	0.39	0.13	0.1	0.007	0.03	1.3	1.0	2.59	154	0.38	0.04	0.2	0.8	100
\$031661		4.84	19.60	0.19	2.1	0.127	4.93	15.0	16.8	1.00	861	58.3	2.75	6.1	56.4	1270
\$031662		5.39	17.80	0.17	1.9	0.276	3.63	10.9	17.2	1.28	1060	84.1	3.15	7.7	59.3	1340
\$031663		4.61	21.0	0.19	2.0	0.302	4.20	13.4	15.2	1.17	995	52.5	3.28	6.8	50.4	1150
\$031664		5.88	22.1	0.18	2.1	0.561	3.82	10.9	22.5	1.80	1280	96.8	2.44	5.8	75.8	1360
\$031665		5.36	21.3	0.19	1.8	0.367	5.48	8.3	25.9	1.61	979	41.7	2.04	7.1	46.8	1480
S031666		4.27	17.15	0.18	1.9	0.158	4.24	10.3	15.9	0.86	1050	21.1	3.23	6.3	40.0	1150
S031666CD		4.32	16.20	0.17	1.7	0.158	4.26	10.8	15.6	0.87	1080	20.2	3.19	5.9	38.6	1140
S031667		3.99	17.10	0.20	1.8	0.179	4.85	10.3	14.4	1.26	1080	17.85	2.81	5.8	37.3	1200
S031668		5.48	18.10	0.17	1.7	0.483	5.02	11.2	22.9	1.64	1880	9.27	1.15	6.0	36.4	1380
S031669		4.89	14.45	0.15	1.6	1.095	2.86	12.7	20.2	1.30	2220	1.52	0.77	6.3	18.1	1250
\$031670		4.78	13.65	0.12	1.2	1.335	3.72	13.6	11.7	0.49	1200	10.05	0.23	5.6	17.7	950
\$031671		4.76	15.95	0.15	1.0	0.401	3.69	8.5	23.9	1.17	1600	5.33	0.62	6.8	18.4	1560
\$031672		3.70	14.90	0.18	0.8	0.333	6.71	9.0	27.3	1.71	1120	5.66	0.80	7.3	11.0	1740
\$031673		4.53	15.90	0.18	0.8	0.318	5.71	6.4	28.7	1.56	914	1.61	0.60	7.8	10.0	1730
\$031674		5.26	16.05	0.19	0.8	0.175	4.63	7.3	31.3	1.66	1000	1.15	0.62	8.8	10.8	1770
\$031675		5.88	16.50	0.19	0.7	0.141	4.78	8.1	30.3	1.49	895	1.10	0.47	8.8	10.1	2090
\$031676		5.99	18.40	0.16	0.8	0.109	5.99	6.7	28.3	1.29	1040	1.16	0.35	10.0	8.0	2240
\$031677		5.22	15.75	0.17	0.8	0.083	6.21	7.2	17.9	0.76	663	1.72	0.10	10.7	10.0	2360
\$031678		5.91	17.70	0.17	0.7	0.114	6.31	6.6	30.8	1.38	1090	0.95	0.10	10.2	5.5	2110
\$031679		5.71	17.60	0.18	0.8	0.173	6.21	6.6	35.4	1.59	1060	0.81	0.09	10.7	5.3	2000
\$031680		0.16	0.42	0.13	0.1	0.009	0.08	1.8	1.0	2.08	175	0.06	0.03	0.2	0.6	100
\$031681		5.08	17.40	0.15	0.7	0.191	6.46	7.0	29.4	1.50	1130	0.74	0.09	10.4	4.6	1960
\$031682		4.83	16.55	0.15	0.7	0.272	6.38	6.6	24.0	1.18	1280	0.78	0.09	8.8	5.7	1920
\$031683		4.88	13.55	0.16	0.7	0.238	6.31	8.7	28.8	1.47	1070	0.90	0.09	8.4	5.9	1940
\$031684		4.88	13.95	0.14	0.7	0.240	6.57	7.6	29.0	1.29	1080	0.69	0.09	8.6	5.9	2050
\$031685		5.37	17.40	0.16	0.8	0.236	6.34	7.4	35.1	1.47	1200	0.83	0.08	9.1	5.8	2110
\$031686		4.48	12.00	0.14	0.6	0.187	6.11	8.6	23.8	1.30	1520	0.97	0.07	6.7	3.9	1630
\$031686CD		4.52	12.95	0.14	0.6	0.195	6.38	8.9	24.6	1.32	1490	1.09	0.07	7.1	4.1	1680
\$031687		4.47	14.05	0.14	0.6	0.236	6.70	8.2	27.5	1.39	1200	0.99	0.09	8.4	6.0	1850
\$031688		4.54	15.35	0.14	0.8	0.194	6.61	7.0	24.1	1.10	1100	0.66	0.09	9.5	6.0	2070



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	24912	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031651		16.8	151.5	0.157	2.43	4.96	11.3	7	1.5	159.5	0.31	<0.05	3.18	0.349	2.36	1.4
\$031652		28.3	106.0	0.029	2.04	5.36	12.5	5	1.4	196.0	0.34	<0.05	1.83	0.557	1.99	0.8
\$031653		49.9	93.5	<0.002	2.30	2.88	13.0	13	2.2	274	0.37	<0.05	2.80	0.389	2.04	1.5
\$031654		39.2	112.0	0.010	2.64	3.26	15.2	10	2.3	288	0.39	<0.05	3.39	0.433	2.29	1.8
\$031655		37.3	84.4	0.011	2.26	2.42	13.9	11	2.0	291	0.32	<0.05	2.94	0.398	1.93	1.7
\$031656		40.5	78.6	0.003	2.62	2.57	14.5	14	2.5	326	0.32	<0.05	2.71	0.412	1.78	1.2
\$031657		31.8	95.4	0.010	3.02	2.76	15.0	8	2.3	384	0.37	<0.05	3.17	0.409	2.17	2.2
\$031658		26.8	78.1	0.015	3.30	3.41	14.7	15	2.9	432	0.38	<0.05	3.30	0.403	1.65	2.9
\$031659		38.9	86.8	0.042	3.42	3.24	16.0	12	1.7	412	0.38	0.07	3.23	0.370	1.80	3.8
\$031660		<0.5	1.0	<0.002	0.02	0.15	0.3	1	<0.2	90.6	<0.05	<0.05	0.10	0.007	0.02	0.1
\$031661		45.6	130.5	0.045	3.45	3.28	14.5	13	1.8	479	0.38	0.07	3.16	0.356	2.55	4.3
\$031662		21.8	79.4	0.070	4.39	3.11	13.3	16	2.2	500	0.48	0.06	2.97	0.316	1.84	4.6
\$031663		33.2	90.6	0.041	3.08	3.50	13.9	15	2.3	606	0.41	<0.05	3.69	0.357	2.07	4.6
\$031664		22.9	87.0	0.065	4.27	5.15	14.8	15	2.4	490	0.36	0.05	2.58	0.361	2.00	5.6
\$031665		24.0	115.5	0.030	4.40	3.36	14.7	12	1.8	530	0.41	<0.05	2.55	0.353	3.25	4.0
\$031666		22.9	89.0	0.031	3.66	11.45	13.8	12	1.7	508	0.38	0.05	2.86	0.321	2.31	3.2
\$031666CD		22.9	87.5	0.032	3.70	11.05	14.0	12	1.4	515	0.35	0.07	2.95	0.320	2.16	3.8
\$031667		53.6	93.5	0.028	3.33	4.10	14.4	9	1.6	566	0.34	<0.05	2.47	0.334	2.69	2.9
\$031668		72.1	126.0	0.023	5.12	9.67	16.1	11	2.3	503	0.36	0.08	2.63	0.320	3.27	2.3
\$031669		29.9	134.5	0.007	3.24	17.00	12.8	10	7.0	427	0.41	<0.05	4.37	0.246	2.05	3.3
\$031670		8860	161.5	0.005	3.08	77.4	12.4	3	4.1	149.5	0.34	0.34	3.75	0.255	3.29	2.1
\$031671		77.9	116.5	0.008	2.69	16.15	21.3	12	4.3	295	0.38	<0.05	1.41	0.328	2.90	1.6
\$031672		107.0	103.5	0.002	1.27	4.21	26.7	10	2.4	516	0.38	<0.05	1.40	0.310	4.58	1.0
\$031673		101.5	96.8	<0.002	2.19	3.59	26.8	15	1.7	371	0.40	0.07	1.21	0.314	4.24	0.9
\$031674		62.3	134.0	0.002	2.74	5.90	35.2	13	1.4	305	0.44	0.06	1.52	0.307	3.99	0.9
\$031675 \$031676 \$031677 \$031678 \$031679		59.3 61.5 67.0 100.0 101.5	148.5 138.5 115.5 101.5 107.0	0.016 0.020 0.010 0.002 0.003	3.55 3.39 3.29 3.04 2.93	4.82 4.50 5.47 6.03 5.47	37.5 33.8 26.4 28.4 27.9	14 12 11 11	1.1 0.9 0.7 0.8 1.0	233 241 297 409 398	0.42 0.49 0.50 0.51 0.51	0.05 0.05 0.05 <0.05 <0.05	1.58 1.81 1.92 1.61 1.60	0.300 0.317 0.300 0.293 0.300	4.10 5.28 7.76 7.21 7.23	1.0 1.2 1.2 1.0 0.9
\$031680 \$031681 \$031682 \$031683 \$031684		4.1 93.0 90.8 83.2 91.3	2.6 113.5 102.0 131.0 115.0	<0.002 <0.002 <0.002 <0.002 <0.002	0.03 2.41 2.69 2.45 2.48	0.19 4.92 5.51 4.09 3.57	0.5 26.7 26.6 28.5 27.8	1 8 8 7 7	<0.2 1.2 1.3 1.2 1.3	89.3 512 445 366 391	<0.05 0.51 0.43 0.40 0.43	<0.05 <0.05 <0.05 <0.05 <0.05	0.09 1.80 1.40 1.75 1.73	0.008 0.278 0.297 0.280 0.275	0.09 7.19 7.85 6.65 6.96	0.2 0.8 0.8 0.9
S031685 S031686 S031686CD S031687 S031688		76.6 66.2 69.4 80.3 74.2	107.0 119.5 128.5 114.0 90.9	<0.002 <0.002 <0.002 <0.002 <0.002	2.89 2.41 2.48 2.34 2.60	5.68 6.59 6.95 7.14 6.38	28.6 23.8 25.5 27.6 26.7	9 5 6 6	1.4 1.0 1.1 1.4	334 572 552 392 323	0.44 0.33 0.36 0.40 0.46	<0.05 <0.05 <0.05 <0.05 <0.05	1.71 1.51 1.64 1.65 1.49	0.277 0.237 0.239 0.272 0.291	6.79 5.40 6.00 6.74 6.60	1.2 0.9 1.0 0.9



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(ALS	,								CERTIFICATE OF ANALYSIS VA20224912
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$031651 \$031652 \$031653 \$031654 \$031655		121 151 135 158 151	2.7 3.7 3.2 3.2 2.4	12.3 17.3 14.5 17.6 17.4	90 120 86 100 195	31.9 27.9 46.3 55.8 47.0	27.4 24.2 25.6 25.2 24.1	0.3 0.5 0.4 0.4	121 110 138 114 114
S031656 S031657 S031658 S031659		161 181 195 204	3.2 1.9 1.8 2.3	17.3 20.2 20.3 23.9	96 112 101 118	44.7 55.6 58.3 68.0	23.1 22.9 22.2 22.0	0.4 0.4 0.4 0.4	109 128 117 121
\$031660 \$031661 \$031662 \$031663 \$031664		2 218 258 241 445	0.1 2.3 1.7 1.6 2.6	2.3 21.6 18.2 19.7 19.6	96 92 72 87	75.3 67.7 73.5 76.5	2.8 24.1 22.4 22.8 21.6	<0.1 0.4 0.3 0.4 0.4	<5 107 99 117 102
S031665 S031666 S031666CD S031667 S031668		324 264 260 239 200	2.5 2.4 2.5 1.3 1.1	15.6 19.7 20.1 18.8 19.6	59 58 79 152	60.7 66.4 58.0 59.7 56.3	22.9 23.4 23.4 24.4 21.4	0.4 0.4 0.3 0.4 0.4	89 87 86 99 79
\$031669 \$031670 \$031671 \$031672 \$031673		100 124 201 231 262	1.1 4.2 1.5 0.5 0.8	9.9 18.0 13.5 10.6	2530 1860 748 228 183	51.6 44.7 33.0 23.2 23.6	23.0 30.7 23.6 23.2 24.4	0.2 0.3 0.3 0.4 0.4	85 86 54 48 48
S031674 S031675 S031676 S031677		299 319 325 263	1.1 1.2 1.6 2.3	11.4 11.7 11.2 10.5	99 63 60 43	23.6 22.5 26.0 26.3	24.2 25.0 25.0 26.5	0.4 0.3 0.4 0.4	37 33 40 42
\$031678 \$031679 \$031680 \$031681 \$031682		274 288 3 245 259	1.8 1.8 <0.1 1.7 1.8	11.5 10.1 2.6 9.3 10.0	43 36 4 36 25	22.6 23.6 2.1 23.1 20.4	24.1 24.7 3.2 24.8 23.6	0.4 0.4 <0.1 0.4 0.5	42 43 6 45 39
\$031683 \$031684 \$031685 \$031686		244 242 264 215	1.5 1.4 1.3	10.7 11.0 12.1 11.0	31 27 38 34	19.7 20.3 28.7 19.0	23.1 24.3 23.1 20.3	0.4 0.5 0.4 0.3	34 40 45 36
S031686CD S031687 S031688		218 238 252	1.3 1.4 1.3	11.4 9.9 10.2	34 31 29	19.7 19.4 21.6	20.4 23.5 23.9	0.3 0.4 0.4	39 40 40



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Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031689		5.76	<0.005	0.22	7.45	20.0	1220	0.84	0.05	4.02	0.07	14.45	14.4	7	6.04	72.5
\$031690		0.16	1.170	27.9	5.86	403	1150	1.20	0.96	0.64	1.61	26.7	13.3	17	8.13	102.5
\$031691		6.04	<0.005	0.31	7.76	25.6	1800	1.07	0.04	5.72	0.13	17.05	15.1	6	7.29	80.3
\$031692		5.62	0.005	0.31	7.17	36.7	760	1.06	0.03	4.93	0.12	14.50	15.2	6	6.41	90.6
\$031693		6.84	<0.005	0.23	7.39	22.3	760	0.97	0.06	3.73	0.11	14.15	14.8	6	6.41	85.3
S031694		5.70	<0.005	0.17	7.52	19.3	1910	1.04	0.03	3.40	0.06	14.10	14.2	6	7.06	76.0
S031695		6.26	<0.005	0.27	7.91	19.1	790	1.09	0.08	3.52	0.12	15.30	19.1	6	6.94	110.5
S031696		5.06	<0.005	0.22	7.41	17.4	2270	1.07	0.06	3.01	0.11	14.65	12.0	7	6.70	74.9
S031697		5.66	0.013	0.26	7.33	86.8	1110	1.24	0.17	4.68	0.12	13.90	15.3	6	5.93	82.3
S031698		6.08	<0.005	0.25	8.06	19.6	1890	0.98	0.22	2.96	0.08	15.00	14.4	9	6.00	83.0
\$031699 \$031700 \$031701 \$031702 \$031703		5.84 0.90 6.70 5.36 4.60	<0.005 <0.005 <0.005 <0.005 <0.005	0.31 0.01 0.34 0.30 0.30	7.57 0.12 7.55 7.31 7.44	17.3 1.2 17.3 15.0 16.9	1620 30 630 1000 1040	1.04 0.07 0.85 0.85 0.83	0.36 0.02 0.55 0.49 0.55	3.01 33.3 3.45 3.78 5.78	0.13 <0.02 0.06 0.07 0.07	12.60 1.02 13.50 13.55 16.80	16.0 0.6 16.7 15.1 14.9	6 1 6 6	5.53 0.08 4.81 5.37 5.75	86.2 1.8 75.8 68.0 62.2
S031704		6.42	<0.005	0.40	7.66	16.3	750	1.06	0.74	3.77	0.09	14.35	17.4	6	6.02	80.7
S031705		5.80	<0.005	0.43	7.83	13.7	1470	0.98	0.62	3.66	0.27	13.55	15.1	7	5.35	72.9



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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031689 \$031690 \$031691 \$031692 \$031693		4.69 4.40 4.76 4.75 5.08	15.95 12.30 16.40 15.25 14.50	0.16 0.13 0.14 0.15 0.15	0.8 1.2 0.8 0.8	0.100 0.037 0.105 0.095 0.082	5.54 2.66 4.05 4.46 4.72	8.2 13.7 9.6 7.7 7.3	28.7 10.0 35.2 30.3 30.4	1.52 0.36 2.02 1.77 1.75	1600 227 1950 1520 1400	0.60 4.48 0.59 0.60 0.45	0.09 0.19 0.21 0.64 0.97	8.7 5.2 8.9 9.1 8.9	5.1 13.5 5.1 4.9 4.9	2010 1250 1920 2070 2130
\$031694 \$031695 \$031696 \$031697 \$031698		4.52 6.05 4.01 5.05 4.55	16.60 17.40 15.95 16.40 16.25	0.15 0.14 0.15 0.14 0.16	0.8 0.8 0.8 0.8	0.078 0.099 0.056 0.095 0.076	4.65 3.83 4.28 4.46 4.34	7.6 8.1 7.8 7.5 7.8	33.3 38.2 27.5 32.1 29.2	1.69 2.06 1.38 1.74 1.54	1540 1720 1400 1700 1310	0.29 0.26 0.25 0.43 0.45	1.14 1.46 1.41 1.01 2.01	10.0 10.4 9.7 9.9 10.9	5.1 5.8 4.8 5.0 5.4	2120 2190 1980 2170 2100
\$031699		4.81	17.00	0.13	0.8	0.086	3.49	6.5	33.2	1.79	1220	0.24	2.08	9.5	5.6	2050
\$031700		0.14	0.38	0.12	0.1	0.005	0.04	1.2	0.8	1.86	138	0.09	0.03	0.2	0.6	70
\$031701		5.39	15.45	0.12	0.8	0.077	3.73	6.9	28.9	1.80	1110	0.36	2.16	9.1	5.7	2090
\$031702		4.88	15.95	0.13	0.9	0.078	3.56	7.1	28.3	1.77	1200	0.28	2.03	9.4	5.4	2110
\$031703		4.68	14.35	0.14	0.8	0.086	3.85	9.7	25.1	1.83	1100	0.27	1.47	8.5	4.7	2070
S031704		5.45	16.95	0.13	0.8	0.100	3.72	7.7	30.7	1.96	1300	0.26	1.58	9.5	5.6	2300
S031705		4.74	16.50	0.14	0.8	0.116	3.33	7.4	29.3	1.82	1310	0.22	1.86	8.8	5.2	1980



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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031689		55.0	137.5	<0.002	2.16	4.69	26.4	5	1.2	251	0.43	<0.05	1.71	0.278	5.22	1.0
\$031690		51.5	120.5	<0.002	4.16	34.9	13.7	5	1.8	135.0	0.28	0.32	2.49	0.291	2.20	0.9
\$031691		53.2	134.0	<0.002	2.03	5.84	27.7	4	1.2	240	0.43	<0.05	1.91	0.281	4.21	0.9
\$031692		67.7	110.0	<0.002	2.44	6.04	25.5	5	1.0	298	0.46	<0.05	1.54	0.283	4.55	1.0
\$031693		67.6	109.0	<0.002	2.46	3.76	26.4	4	0.9	311	0.45	<0.05	1.55	0.290	4.15	0.9
\$031694		41.1	112.0	<0.002	1.82	2.94	26.8	3	1.1	297	0.47	0.06	1.65	0.291	4.05	0.9
\$031695		46.5	94.8	<0.002	2.94	3.51	27.4	4	0.9	286	0.51	<0.05	1.65	0.294	3.31	0.9
\$031696		31.9	119.0	<0.002	1.59	2.68	27.4	2	0.8	384	0.49	<0.05	1.72	0.266	3.81	0.9
\$031697		57.7	104.5	<0.002	2.27	4.60	26.4	3	1.0	339	0.49	0.11	1.53	0.288	4.08	1.0
\$031698		61.5	101.5	<0.002	1.93	2.73	28.3	3	1.0	321	0.52	0.05	1.80	0.303	3.53	0.9
\$031699 \$031700 \$031701 \$031702 \$031703		53.8 1.0 57.3 40.2 41.1	72.6 1.3 72.9 77.0 109.5	<0.002 <0.002 <0.002 <0.002 <0.002	2.11 0.02 2.94 2.37 2.48	2.83 0.15 3.49 2.64 3.10	30.0 0.4 27.3 27.4 28.9	2 1 3 3 2	1.0 <0.2 0.9 0.8 0.7	294 78.7 321 330 339	0.45 <0.05 0.46 0.46 0.42	0.08 <0.05 0.07 0.09 0.10	1.47 0.08 1.51 1.60 1.95	0.317 0.007 0.308 0.294 0.280	2.85 0.05 3.30 2.85 3.11	0.8 0.1 1.0 1.0
S031704		49.8	89.9	<0.002	2.79	3.75	29.3	2	0.8	316	0.48	0.13	1.55	0.303	3.30	1.0
S031705		48.4	92.5	<0.002	1.88	4.45	30.2	2	0.8	355	0.43	0.09	1.56	0.302	2.63	1.0



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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	(RF-34 Zr ppm 5	
S031689		267	1.4	10.0	40	21.9	25.0	0.3	44	
S031690		140	2.2	8.1	195	47.7	32.7	0.4	80	
S031691		264	1.3	10.9	53	22.3	24.0	0.3	35	
S031692		261	0.9	10.6	44	22.4	22.0	0.4	42	
S031693		260	8.0	10.0	48	20.6	23.7	0.4	41	
S031694		260	0.9	10.4	44	22.8	24.4	0.3	41	
S031695		270	0.9	11.5	55	23.9	22.2	0.3	38	
S031696		242	1.0	10.5	40	22.7	26.0	0.3	44	
S031697		266	1.0	10.4	46	22.9	22.7	0.4	43	
S031698		260	8.0	10.9	36	26.3	24.3	0.3	42	
S031699		281	0.6	9.8	40	21.3	23.3	0.3	39	
S031700		3	<0.1	2.1	3	1.7	4.1	0.1	<5	
S031701		285	0.5	10.1	33	24.0	22.5	0.3	44	
S031702		267	0.5	10.2	39	25.7	23.8	0.3	42	
S031703		252	0.5	11.4	39	23.5	23.0	0.3	40	
S031704		270	0.6	10.9	46	23.7	22.6	0.3	44	
S031705		286	8.0	9.5	71	22.3	24.1	0.3	41	



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CERTIFICATE	OF		VA20224912
CERTIFICATE	. UE	ANALISIS	VAZUZZ49IZ

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		CERTIFICATE COM	MENTS	
		ANALY"	ΓΙCAL COMMENTS	
	REEs may not be totally s		TO LE COMMENTO	
Applies to Method:	ME-MS61	orable in this method.		
			TORY ADDRESSES	
		ver located at 2103 Dollarton Hwy, No		
Applies to Method:	Au-AA23	BAG-01	CRU-31	CRU-QC
	LOG-21	LOG-21d	LOG-23	ME-MS61
	PUL-32m	PUL-32md	PUL-QC	pXRF-34
	SPL-21	SPL-21d	WEI-21	



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> 27-JAN-2021 Account: PREBOW

## VA20228637

Project: Bowser Regional Project

P.O. No.: BOW-1161

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 8-OCT-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA
LEANNE HAWKINS COREY JAMES JULIANNE MADSEN
STEPHAINE WAFFORN

	SAMPLE PREPARATION										
ALS CODE	DESCRIPTION										
WEI-21	Received Sample Weight										
PUL-32md	Pulverize 500g-DUP -85%<75um										
LOG-21	Sample logging - ClientBarCode										
CRU-31	Fine crushing - 70% <2mm										
CRU-QC	Crushing QC Test										
PUL-QC	Pulverizing QC Test										
SPL-21	Split sample - riffle splitter										
PUL-32m	Pulverize 500g - 85%<75um										
BAG-01	Bulk Master for Storage										
LOG-23	Pulp Login - Rcvd with Barcode										
LOG-21d	Sample logging - ClientBarCode Dup										
SPL-21d	Split sample - duplicate										

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20228637** 

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Total # Pages: 4 (A - D)
Plus Appendix Pages
Finalized Date: 28-OCT-2020
Account: PREBOW

											CAILO	ו אוא	-1313	<b>V/12</b> 02	20037	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61										
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031751		5.16	0.518	2.34	7.03	27.4	1950	1.03	0.08	5.69	0.69	13.75	27.8	61	4.63	962
\$031752		5.78	0.458	1.35	6.86	9.8	2010	0.82	0.08	4.83	0.64	14.75	24.9	53	2.97	936
\$031753		5.08	0.393	1.28	7.30	8.1	2220	0.75	0.06	6.09	0.58	15.25	27.6	76	2.30	822
\$031754		5.22	0.392	1.42	7.03	6.7	2760	0.85	0.07	5.48	0.68	11.65	29.7	74	2.12	882
\$031755		6.46	0.434	1.33	7.24	7.4	2800	0.89	0.06	5.00	0.74	14.80	25.2	62	1.86	730
\$031756		6.14	0.289	0.95	5.61	7.2	1840	0.48	0.06	8.82	0.84	11.10	15.2	43	1.21	439
\$031757		5.16	0.311	0.74	6.82	6.6	2320	0.72	0.04	7.39	0.66	11.70	18.1	48	1.83	302
\$031758		6.20	0.172	0.36	3.93	6.5	780	0.44	0.03	13.85	0.95	8.01	9.9	33	0.66	166.0
\$031759		5.88	0.287	0.61	7.32	4.5	2550	0.83	0.04	6.97	0.50	14.10	16.2	63	3.77	341
\$031760		1.08	<0.005	0.01	0.10	0.5	20	<0.05	0.01	32.4	<0.02	0.97	0.5	1	<0.05	3.1
\$031761		5.12	0.307	1.28	7.01	7.6	3260	0.79	0.04	6.69	0.41	10.95	29.0	101	2.40	714
\$031762		5.04	0.174	0.84	7.35	7.1	2880	0.64	0.03	5.60	0.49	11.05	28.4	90	1.69	558
\$031763		5.64	0.389	1.08	7.17	6.6	2260	0.66	0.06	5.12	0.58	11.55	29.6	68	1.53	799
\$031764		5.34	0.498	1.24	7.95	17.8	1930	0.76	0.05	6.23	0.53	12.00	31.0	47	1.25	893
\$031765		5.20	0.266	0.82	7.83	6.8	3490	0.63	0.03	4.62	0.50	10.15	26.4	61	2.01	652
S031766		5.62	0.227	0.65	8.13	6.3	3350	0.81	0.03	4.50	0.47	12.45	25.9	64	2.77	529
S031766CD		<0.02	0.228	0.66	7.80	6.1	3310	0.75	0.03	4.46	0.43	11.45	26.5	64	2.68	533
S031767		5.52	0.165	0.60	7.43	6.0	3060	0.77	0.03	4.19	0.50	10.60	27.6	74	2.85	502
S031768		6.10	0.146	0.56	7.42	5.1	2600	0.77	0.02	4.13	0.26	9.30	28.4	79	4.11	366
S031769		5.46	0.311	1.54	7.02	198.5	1910	0.69	0.02	5.73	0.31	11.65	28.5	58	3.89	444
\$031770		0.18	1.180	13.05	5.88	317	440	1.14	0.17	3.62	4.73	23.7	11.2	26	7.10	87.9
\$031771		5.46	0.238	0.85	8.14	11.8	1360	0.82	0.02	3.84	0.42	13.00	35.6	72	2.56	581
\$031772		5.12	0.120	0.65	7.98	8.3	2400	0.83	0.03	3.83	0.39	13.45	27.6	50	1.82	474
\$031773		6.24	0.223	0.83	7.90	7.5	2320	0.82	0.03	3.80	0.46	12.90	33.0	72	2.64	671
\$031774		5.56	0.271	0.66	7.85	8.1	2880	0.72	0.04	4.96	0.53	13.65	27.0	64	2.35	492
\$031775		4.54	0.246	0.80	7.29	11.7	2340	0.67	0.03	4.76	0.34	10.45	31.0	65	1.91	612
\$031776		5.60	0.196	0.98	7.82	17.4	1850	0.66	0.03	4.31	0.44	13.85	34.3	75	2.04	788
\$031777		5.64	0.183	0.68	6.96	9.4	1920	0.78	0.03	4.64	0.45	12.95	30.1	92	2.89	654
\$031778		5.48	0.294	0.78	6.29	10.0	1520	0.61	0.03	6.79	0.49	13.55	27.2	96	3.30	704
\$031779		5.50	0.155	2.24	6.48	22.5	1220	0.66	0.02	6.18	1.71	11.45	28.7	146	4.09	423
\$031780		1.06	<0.005	0.01	0.07	<0.2	20	0.07	0.01	32.3	<0.02	0.94	0.7	2	<0.05	2.1
\$031781		5.18	0.205	2.66	6.92	32.5	1490	0.86	0.04	8.22	2.07	12.15	27.3	116	5.48	568
\$031782		6.44	0.215	0.52	7.04	6.1	1910	0.64	0.03	6.47	0.48	13.80	21.4	86	4.36	369
\$031783		6.66	0.176	0.64	7.36	5.7	1940	0.67	0.04	5.65	0.52	14.15	26.5	94	4.26	444
\$031784		5.24	0.310	0.88	7.58	5.5	2290	0.83	0.05	4.80	0.59	15.95	31.3	79	4.99	643
S031785		6.36	0.165	0.86	7.28	6.7	2390	0.70	0.02	4.88	0.51	14.35	35.4	93	4.89	719
S031786		6.16	0.277	0.68	6.61	9.2	2090	0.67	0.07	7.42	0.56	12.50	24.0	105	2.70	420
S031786CD		<0.02	0.268	0.55	6.72	8.8	2140	0.65	0.04	7.57	0.43	13.70	23.3	106	2.77	408
S031787		5.82	0.221	0.63	7.20	5.2	2120	0.78	0.03	5.54	1.08	15.60	26.3	123	3.74	524
S031788		4.82	0.154	0.70	7.23	4.7	2280	0.77	0.03	4.66	0.71	16.05	31.8	121	3.91	579



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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**CERTIFICATE OF ANALYSIS VA20228637** 

Page: 2 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 28-OCT-2020 Account: PREBOW

											CAILO	I ANA	_1 313	VAZOZ	20037	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031751 \$031752 \$031753 \$031754 \$031755		5.99 5.45 5.39 6.12 5.92	14.70 13.75 14.45 14.45 15.00	0.11 0.12 0.14 0.13 0.12	0.4 0.5 0.4 0.4	0.086 0.073 0.081 0.071 0.119	4.58 5.08 5.50 6.08 6.18	7.0 7.1 7.2 5.7 7.2	44.4 43.2 38.4 39.5 22.7	2.36 2.17 2.20 2.48 1.90	1790 1530 1730 1770 1760	53.1 51.5 35.3 36.2 33.3	1.21 1.24 1.27 0.99 1.02	4.5 4.7 4.1 3.7 4.3	26.6 23.9 26.3 28.3 26.5	1450 1370 1500 1520 1500
S031756		8.30	13.80	0.12	0.7	0.453	5.03	5.3	9.2	0.62	2580	21.8	0.80	3.2	19.2	1120
S031757		6.80	14.20	0.12	0.8	0.304	5.03	5.6	19.1	1.28	2810	23.8	1.15	3.9	18.7	1390
S031758		9.39	11.35	0.08	0.6	0.923	1.59	3.7	30.9	0.99	4450	13.70	0.86	2.5	12.0	760
S031759		3.84	13.35	0.10	0.9	0.129	4.34	6.4	30.3	3.28	2270	32.2	1.60	3.9	25.0	1480
S031760		0.11	0.25	0.07	<0.1	<0.005	0.03	1.2	1.1	2.29	136	0.79	0.03	0.1	0.5	80
\$031761		5.22	12.50	0.11	0.4	0.068	5.00	5.9	30.8	3.12	1680	33.5	1.10	3.2	32.0	1300
\$031762		5.80	14.35	0.12	0.3	0.058	4.99	5.6	38.1	3.30	1530	19.05	1.32	3.6	29.7	1440
\$031763		6.14	13.30	0.11	0.4	0.067	3.67	5.9	21.3	2.54	1400	90.6	2.05	3.2	27.2	1510
\$031764		6.38	17.60	0.11	0.4	0.065	4.27	6.0	20.1	2.52	1460	59.5	1.58	4.2	23.4	1720
\$031765		5.94	15.45	0.11	0.3	0.051	4.80	4.8	30.5	3.28	1520	41.1	1.91	4.0	24.7	1760
\$031766		6.06	16.15	0.13	0.3	0.067	4.86	6.1	33.2	3.69	1580	38.9	1.96	4.1	26.1	1690
\$031766CD		6.02	15.65	0.10	0.3	0.068	4.77	5.5	33.0	3.62	1580	38.6	1.96	4.1	26.2	1690
\$031767		6.17	14.80	0.12	0.3	0.060	4.44	5.2	34.3	3.60	1520	34.7	1.86	4.0	28.0	1560
\$031768		6.04	13.90	0.11	0.3	0.055	4.43	4.7	41.8	4.25	1440	49.1	1.53	3.6	31.8	1470
\$031769		5.71	15.20	0.09	0.3	0.058	3.71	6.0	47.6	2.90	1720	44.1	1.56	3.8	25.1	1470
\$031770		3.82	14.70	0.12	1.3	0.049	3.83	11.3	14.6	0.52	1360	10.60	0.21	5.4	22.5	890
\$031771		7.04	18.50	0.11	0.3	0.066	2.15	6.5	45.6	4.11	1520	30.5	3.13	5.0	34.4	1760
\$031772		6.22	15.20	0.12	0.3	0.062	4.02	7.1	24.7	3.02	1200	31.3	2.40	4.1	23.2	1720
\$031773		6.37	16.90	0.10	0.4	0.074	4.00	6.4	37.9	3.58	1360	50.2	2.30	4.9	29.0	1540
\$031774		7.30	14.95	0.13	0.4	0.063	5.47	7.0	27.4	2.68	1360	38.6	1.53	3.9	25.7	1560
\$031775 \$031776 \$031777 \$031777 \$031778 \$031779		6.08 6.29 5.64 5.31 5.14	15.40 15.10 13.60 12.60 12.95	0.13 0.12 0.12 0.10 0.10	0.5 0.4 0.4 0.5 0.4	0.068 0.068 0.057 0.063 0.053	5.29 3.45 3.24 2.92 3.52	5.1 7.1 6.7 7.1 6.1	29.8 32.6 33.7 36.3 40.1	2.72 3.19 3.72 3.44 3.28	1380 1500 1720 2160 1480	49.3 58.1 36.6 68.7 40.5	1.21 2.39 1.92 1.50 0.73	4.0 4.0 4.0 3.6 3.5	27.4 30.8 35.4 37.3 52.4	1620 1700 1480 1270 1300
\$031780		0.14	0.24	0.07	0.1	<0.005	0.02	1.1	1.1	2.58	161	0.14	0.03	0.1	0.6	70
\$031781		5.73	14.50	0.09	0.4	0.065	3.30	6.3	29.0	2.65	1930	38.9	0.67	3.9	41.1	1370
\$031782		5.78	13.55	0.10	0.5	0.080	3.61	6.9	28.3	3.02	1620	34.0	1.87	4.3	31.7	1480
\$031783		5.99	13.80	0.09	0.4	0.066	3.40	7.3	34.1	3.60	1560	30.1	2.07	4.4	36.6	1550
\$031784		6.13	14.90	0.11	0.5	0.072	4.20	8.2	33.0	3.52	1450	49.9	2.05	4.9	32.2	1700
\$031785		6.19	14.45	0.11	0.4	0.062	4.26	7.5	34.8	4.13	1540	45.3	1.46	4.4	36.0	1670
\$031786		5.86	11.70	0.11	0.4	0.076	3.76	6.1	31.0	2.92	1800	109.0	1.41	3.3	30.1	1530
\$031786CD		6.05	11.95	0.12	0.4	0.071	3.85	6.2	31.2	2.99	1820	100.0	1.44	3.4	30.6	1530
\$031787		5.48	12.05	0.10	0.5	0.072	4.14	6.7	33.0	3.67	1660	41.1	1.70	3.8	33.7	1670
\$031788		5.93	13.85	0.14	0.6	0.060	4.40	6.6	40.9	4.07	1710	36.4	1.48	4.0	36.6	1520



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**CERTIFICATE OF ANALYSIS VA20228637** 

Page: 2 - C Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 28-OCT-2020 Account: PREBOW

								<u></u>		LIXIIII	CAILO	I ANA		VAZUZ	.20037	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
S031751 S031752		8.3 8.3	131.5 128.5	0.410 0.353	1.15 0.79	3.00 2.83	31.8 29.4	3 4	1.8 1.8	310 405	0.25 0.27	<0.05 <0.05	1.10 1.20	0.349 0.332	0.81 0.79	0.4 0.5
S031752 S031753		7.6	109.5	0.248	0.73	2.54	34.9	4	1.9	477	0.21	< 0.05	1.06	0.359	0.74	0.4
S031754		9.7	91.0	0.241	0.69	2.76	34.8	4	1.8	554	0.20	<0.05	0.84	0.357	0.82	0.3
S031755		8.8	101.5	0.209	0.50	2.41	34.2	3	3.9	417	0.21	< 0.05	0.95	0.360	0.86	0.5
S031756		7.4	101.5	0.099	0.53	1.78	26.6	3	23.9	224	0.16	<0.05	0.71	0.276	0.70	0.6
S031757		6.0	122.5	0.135	0.23	2.84	30.3	1	14.1	343	0.19	<0.05	0.89	0.322	0.75	0.6
S031758		4.7	43.6	0.066	0.20	5.04	19.6	1	27.4	319	0.11	< 0.05	0.53	0.187	0.29	0.6
S031759		8.6	128.5	0.191	0.15	3.94	36.4	1	3.3	756	0.21	< 0.05	0.91	0.371	0.72	0.5
S031760		<0.5	8.0	0.007	<0.01	0.06	0.3	<1	<0.2	81.4	< 0.05	< 0.05	0.06	0.007	<0.02	0.1
S031761		6.7	124.5	0.190	0.68	2.05	37.8	3	1.6	478	0.17	<0.05	0.80	0.336	0.71	0.2
S031762		7.8	115.5	0.141	0.99	3.66	36.7	3	1.3	639	0.19	< 0.05	0.85	0.360	0.74	0.2
S031763		8.1	94.6	0.508	0.98	2.64	32.8	4	1.5	614	0.18	< 0.05	0.75	0.347	0.60	0.3
S031764		11.4	111.0	0.370	0.97	5.00	34.5	4	1.4	1600	0.23	<0.05	0.84	0.409	0.71	0.3
S031765		8.1	96.2	0.293	0.75	2.61	33.3	3	1.3	792	0.20	< 0.05	0.63	0.402	0.82	0.2
S031766		7.1	119.5	0.247	0.55	2.16	38.3	2	1.4	651	0.22	<0.05	0.90	0.412	0.70	0.2
S031766CD		7.2	104.0	0.231	0.53	2.18	35.5	2	1.4	647	0.23	< 0.05	0.80	0.409	0.81	0.2
S031767		6.5	87.0	0.248	0.60	1.94	34.8	2	1.4	568	0.22	<0.05	0.63	0.410	0.70	0.2
S031768		4.5	84.0	0.260	0.27	1.62	35.2	1	1.5	486	0.20	<0.05	0.68	0.377	0.77	0.2
S031769		7.9	106.0	0.266	1.72	3.21	36.0	3	1.3	309	0.21	<0.05	0.89	0.351	0.90	0.2
S031770		146.0	164.0	0.012	2.78	20.1	11.2	2	1.6	187.0	0.31	0.33	2.92	0.250	3.32	1.7
S031771		4.8	53.7	0.205	0.41	2.13	38.4	2	1.6	426	0.25	<0.05	1.09	0.428	0.44	0.3
S031772		6.3	97.9	0.252	0.63	3.00	35.8	2	1.1	657	0.21	<0.05	0.91	0.374	0.66	0.2
S031773		5.2	89.9	0.388	1.04	2.17	37.0	3	1.5	447	0.28	<0.05	0.93	0.424	0.70	0.3
S031774		7.5	134.0	0.263	0.46	2.62	37.5	2	1.6	648	0.22	<0.05	0.98	0.387	0.90	0.3
S031775		5.9	90.4	0.373	0.54	3.58	31.5	2	1.5	784	0.21	<0.05	0.81	0.394	0.85	0.3
S031776		5.1	85.3	0.416	1.18	3.11	37.2	4	1.3	481	0.21	< 0.05	1.00	0.386	0.57	0.3
S031777		3.8	79.4	0.251	0.89	2.97	33.8	2	1.2	380	0.21	< 0.05	0.98	0.344	0.50	0.3
S031778 S031779		9.5 6.8	76.9 105.5	0.548 0.294	0.92 0.75	21.5 153.5	36.2 36.4	2 3	1.2 1.3	405 520	0.18 0.18	<0.05 0.05	0.99 1.02	0.297 0.312	0.55 0.70	0.4 0.3
S031780		<0.5	0.4	<0.002	<0.01	0.31	0.3	1	<0.2	80.0	< 0.05	< 0.05	0.06	0.005	<0.02	0.2
S031781		5.6	121.5	0.244	0.85	117.0	34.2	3	1.6	463	0.21	< 0.05	1.09	0.333	0.95	0.4
S031782 S031783		6.4 6.2	119.5 107.0	0.210 0.175	0.34 0.55	4.34 4.50	33.1 33.3	2 3	2.0 1.5	460 440	0.23 0.24	<0.05 <0.05	1.04 1.19	0.337 0.360	0.74 0.66	0.5 0.4
S031784		6.9	132.0	0.173	0.33	3.10	35.3	4	1.7	485	0.24	<0.05	1.19	0.300	0.81	0.4
		5.2	110.5	0.311	1.40	3.15	38.9	3	1.3	520	0.24	<0.05	1.15	0.364	0.75	0.4
S031785 S031786		5.2 17.3	96.4	0.732	0.52	2.94	38.9 40.3	3	1.3 5.7	520 420	0.24	<0.05	0.93	0.364	0.75	0.4
S031786CD		9.1	97.3	0.732	0.52	2.46	41.6	2	2.6	431	0.18	<0.05	0.95	0.339	0.63	0.3
S031780CD		11.7	118.5	0.345	0.64	2.34	39.7	3	1.8	658	0.10	<0.05	1.12	0.353	0.76	0.5
S031788		9.1	124.0	0.224	1.00	3.10	35.9	4	1.7	514	0.21	< 0.05	1.17	0.350	0.85	0.5
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To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS	,									SERTIFICATE OF ANIALYSIS	1/420220527
										CERTIFICATE OF ANALYSIS	VA20228637
	Method Analyte Units	ME-MS61 V ppm	ME-MS61 W ppm	ME-MS61 Y ppm	ME-MS61 Zn ppm	ME-MS61 Zr ppm	pXRF-34 Si %	pXRF-34 Ti %	pXRF-34 Zr ppm		
Sample Description	LOD	1	0.1	0.1	2	0.5	0.5	0.1	5		
5031751		228	2.2	14.7	132	10.1	18.6	0.4	52		
5031752		209	1.4	14.1	117	11.4	19.6	0.4	58		
S031753		237	2.4	16.1	109	9.7	18.2	0.4	52		
S031754		243	1.8	13.9	118	9.2	18.2	0.4	52		
S031755		227	1.5	15.6	106	16.2	20.5	0.4	54		
S031756		196	2.3	12.2	66	25.5	21.9	0.3	39		
S031757		215	1.6	13.5	112	24.6	20.7	0.3	44		
S031758		181	8.1	8.6	77	18.4	16.9	0.2	30		
S031759		242	0.6	14.0	121	24.5	20.8	0.5	58		
S031760		2	<0.1	2.2	8	2.9	2.6	<0.1	<5		
S031761		237	1.1	11.6	112	8.9	18.8	0.4	42		
S031762		252	1.1	14.6	122	7.3	18.3	0.4	51		
S031763		229	0.9	12.9	120	15.1	20.9	0.4	53		
S031764		289	1.1	15.6	113	9.0	19.9	0.4	76		
S031765		279	1.0	12.9	128	6.0	20.5	0.5	58		
S031766		277	0.9	16.5	133	7.1	20.7	0.5	60		
S031766CD		275	0.9	16.3	131	6.8	19.9	0.5	52		
S031767		270	0.8	14.5	132	6.5	20.8	0.5	62		
S031768		277	0.9	11.3	126	6.1	19.2	0.4	49		
S031769		251	2.6	13.2	107	5.6	23.7	0.4	86		
S031770		105	4.8	8.5	463	41.8	18.5	0.4	61		
S031771		284	1.0	16.3	154	6.2	19.3	0.4	57		
S031772		262	1.2	15.5	124	6.8	18.5	0.5	63		
S031773		268	1.5	15.8	139	8.2	18.6	0.5	50		
S031774		281	1.9	14.4	117	8.4	18.2	0.4	57		
S031775		264	3.5	10.9	122	12.7	18.8	0.4	54		
S031776		266	3.3	14.7	139	9.2	19.1	0.4	48		
S031777		238	2.1	12.8	127	9.2	18.2	0.4	41		
S031778		219	2.3	15.9	127	12.1	18.1	0.3	42		
S031779		224	5.3	11.0	193	10.6	17.3	0.3	45		
S031780		2	<0.1	2.0	4	1.6	3.0	<0.1	<5		
S031781		236	5.3	11.5	163	13.5	16.2	0.4	45		
S031782		237	1.0	14.3	106	14.2	18.0	0.4	47		
S031783		260	0.9	13.9	114	10.2	18.4	0.4	50		
S031784		256	0.9	14.8	120	12.6	18.6	0.4	54		
S031785		277	0.9	13.5	134	9.0	18.1	0.4	45		
S031786		277	2.5	18.3	157	7.8	16.6	0.4	45		
S031786CD		281	2.4	18.2	133	8.9	16.6	0.4	45		
		273	0.8	13.5	131	13.3	19.7	0.4	52		
S031787 S031788		240	0.8	14.4	135	11.6	19.5	0.1	56		



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CERTIFICATE OF ANALYSIS VA20228637

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Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031789		5.88	0.297	0.95	6.32	5.5	1930	0.64	0.02	4.74	0.35	10.50	30.0	161	3.59	687
\$031790		0.18	5.58	83.6	6.39	295	1170	1.11	1.13	2.01	23.9	29.4	10.5	24	7.55	125.0
\$031791		4.70	0.193	0.95	5.71	19.6	1090	0.60	0.03	7.07	0.82	11.25	24.2	174	3.43	399
\$031792		5.02	0.127	2.63	5.72	26.4	1020	0.80	0.03	7.91	2.12	11.25	28.0	153	5.04	472
\$031793		6.34	0.202	0.78	6.71	4.6	2640	0.66	0.02	5.58	0.68	11.25	36.4	177	5.76	636
\$031794		5.00	0.213	0.58	7.11	4.2	2740	0.67	0.02	4.98	0.45	11.25	29.8	106	4.69	487
\$031795		5.06	0.364	0.73	7.54	14.7	2320	0.78	0.04	4.78	0.58	15.45	18.7	42	4.07	524
\$031796		5.56	0.472	1.03	7.45	13.8	2510	0.90	0.04	4.70	0.78	15.20	25.0	50	3.58	648
\$031797		5.06	0.420	1.23	7.26	11.7	2120	0.69	0.04	5.04	0.82	15.85	22.7	57	1.41	607
\$031798		5.72	1.035	1.89	7.35	5.3	2130	0.85	0.05	4.67	1.01	14.55	27.7	44	1.82	1160
\$031799		5.64	1.050	2.09	7.59	5.9	2330	0.79	0.05	3.44	1.01	12.70	31.5	31	2.55	1290
\$031800		1.26	<0.005	0.02	0.08	<0.2	20	0.06	0.01	33.4	0.02	0.93	0.9	1	<0.05	5.5
\$031801		4.94	0.627	1.30	7.54	6.1	2450	0.82	0.04	3.78	0.78	14.55	25.8	27	1.73	873
\$031802		5.90	0.553	1.18	7.47	5.9	2830	1.00	0.04	3.73	0.62	15.30	28.0	28	3.08	758
\$031803		6.82	0.361	1.28	7.21	10.4	2350	0.73	0.02	4.87	0.58	12.10	33.1	65	3.15	831
S031804		5.78	0.349	1.08	6.95	4.8	2080	0.62	0.02	4.35	0.56	11.15	34.5	65	3.12	928
S031805		5.82	0.589	1.59	8.11	7.2	2780	0.73	0.03	3.71	0.70	11.90	38.3	55	3.72	1255
S031806		5.80	0.571	1.52	8.03	5.9	3470	0.97	0.03	3.52	0.77	11.15	26.4	68	4.12	876
S031806CD		<0.02	0.552	1.42	7.83	5.9	3420	1.05	0.03	3.44	0.75	10.40	25.4	66	3.99	841
S031807		6.56	0.707	1.80	7.41	7.1	2590	0.76	0.04	4.98	0.95	12.95	33.7	61	2.50	1220
\$031808		5.88	0.733	1.37	7.38	3.9	2330	0.70	0.04	5.18	0.80	11.95	26.9	65	2.06	921
\$031809		5.78	0.927	1.86	7.77	6.5	2460	0.98	0.05	5.09	1.06	15.70	24.5	40	5.99	1135
\$031810		0.16	1.345	28.7	5.95	360	250	1.29	0.89	0.66	1.76	29.1	12.8	19	7.86	113.5
\$031811		6.26	1.035	1.74	6.72	7.7	2040	0.42	0.06	5.04	0.69	9.99	21.2	43	1.90	1240
\$031812		6.16	0.780	1.35	6.61	8.3	1420	0.61	0.04	7.50	0.63	11.10	12.7	73	2.16	868
\$031813		6.08	0.500	0.75	5.93	6.8	1400	0.57	0.04	7.22	0.42	10.00	13.7	45	1.19	458
\$031814		5.32	0.538	1.35	7.17	10.1	2480	0.60	0.04	6.05	0.46	10.00	12.2	66	1.54	713
\$031815		4.84	0.450	1.29	6.65	9.6	2010	0.46	0.06	7.64	1.00	10.85	14.2	66	1.24	712
\$031816		4.58	0.300	0.89	6.55	9.5	2420	0.47	0.05	5.22	0.42	10.75	14.7	81	1.39	424
\$031817		4.58	0.646	1.42	5.98	9.7	1840	0.34	0.05	7.31	0.64	10.80	27.8	59	0.98	964
\$031818		4.38	0.538	1.24	6.55	7.8	2190	0.44	0.04	5.25	0.55	11.70	25.0	67	1.20	839
\$031819		4.80	0.248	0.66	7.15	7.7	2380	0.86	0.04	5.61	0.52	13.05	21.6	82	1.37	450
\$031820		0.48	0.005	0.02	0.12	0.2	30	0.05	0.01	31.8	0.03	0.94	1.0	1	<0.05	10.1
\$031821		6.30	0.522	0.90	6.38	8.0	1820	0.99	0.04	4.50	0.82	9.95	25.3	72	1.21	682
\$031822		5.28	0.811	1.48	7.22	8.0	1970	0.86	0.06	4.34	0.93	10.95	26.2	83	1.97	965
\$031823		4.18	0.747	1.44	7.10	10.5	2110	0.83	0.05	4.78	0.74	11.20	29.6	69	1.34	948
\$031824		4.86	0.771	1.47	6.92	6.9	2240	0.48	0.05	7.18	0.87	14.30	23.7	52	1.35	938
\$031825		4.62	0.796	1.23	6.32	12.8	2240	0.58	0.04	8.31	1.07	15.55	22.7	48	1.37	815
\$031826		4.76	0.328	0.73	7.09	6.1	3090	1.01	0.04	5.17	0.61	13.20	23.3	56	2.78	505
\$031826CD		<0.02	0.320	0.67	7.03	6.3	3160	0.95	0.04	5.03	0.56	13.50	20.9	55	2.77	505



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CERTIFICATE OF ANALYSIS

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VA20228637

								<u> </u>								
Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
S031789		5.14	11.25	0.10	0.4	0.071	3.63	5.2	37.8	3.66	1620	109.5	1.23	2.8	47.4	1240
S031790		4.71	12.90	0.14	1.3	1.370	3.69	14.5	13.8	0.48	1220	9.98	0.23	5.5	17.1	980
S031791		5.64	10.50	0.11	0.4	0.072	3.47	5.2	25.7	3.46	2020	55.3	0.58	2.9	41.6	1170
S031792		5.16	10.65	0.10	0.3	0.072	3.04	5.3	25.6	3.58	2120	36.7	0.12	2.8	50.4	1160
S031793		5.61	12.00	0.12	0.5	0.064	4.16	5.4	43.3	4.32	1960	32.4	1.11	3.3	58.3	1390
S031794		6.17	12.80	0.12	0.4	0.081	5.13	5.1	35.2	3.59	1860	27.8	1.24	3.6	36.0	1590
S031795		6.22	14.85	0.12	0.6	0.071	5.90	5.9	21.5	2.07	1400	41.8	1.11	3.9	20.3	1700
S031796		6.40	14.05	0.14	0.5	0.083	5.77	6.0	24.1	2.52	1610	61.7	1.17	3.7	22.4	1670
S031797		5.38	13.65	0.14	0.6	0.097	6.13	6.5	17.8	1.85	1510	39.6	1.37	3.9	21.2	1590
S031798		6.66	13.70	0.13	0.6	0.117	5.95	5.9	22.2	2.48	1680	62.0	1.25	3.8	21.7	1730
S031799		6.30	14.90	0.15	0.4	0.087	5.56	5.4	32.9	2.84	1480	77.6	1.41	4.1	21.5	1870
S031800		0.15	0.24	0.05	<0.1	< 0.005	0.03	1.0	1.5	2.67	165	0.30	0.03	0.2	0.4	100
S031801		6.27	14.50	0.12	0.5	0.086	5.95	6.1	24.7	2.62	1520	56.1	1.28	4.1	18.1	1760
S031802		6.50	15.00	0.11	0.4	0.081	5.81	5.8	32.2	2.65	1520	37.9	1.24	4.1	18.7	1810
S031803		6.45	13.25	0.15	0.3	0.066	4.98	5.6	36.6	2.96	1640	56.7	1.16	3.6	25.5	1660
S031804		6.17	12.95	0.14	0.3	0.075	5.17	5.2	38.2	3.37	1760	70.7	0.96	3.5	27.3	1620
S031805		6.43	14.35	0.16	0.3	0.082	6.43	5.4	36.9	3.26	1650	58.4	0.96	3.8	26.0	1920
S031806		5.33	14.10	0.17	0.2	0.055	6.63	4.7	32.2	2.03	1250	38.4	0.91	3.4	24.8	2440
S031806CD		5.18	13.40	0.15	0.2	0.053	6.49	4.4	30.6	1.96	1220	39.4	0.89	3.3	24.0	2430
S031807		6.38	13.70	0.13	0.4	0.076	5.42	5.3	27.7	2.77	1640	42.6	1.10	3.4	31.7	1850
S031808		6.61	13.55	0.15	0.5	0.081	5.65	5.5	25.0	2.52	1670	50.0	1.08	3.5	25.4	1720
S031809		5.70	14.95	0.15	0.6	0.099	6.30	6.2	22.8	1.53	1600	54.5	1.16	3.7	23.4	1950
S031810		4.42	13.00	0.16	1.6	0.041	2.72	13.2	10.8	0.36	232	4.62	0.19	5.4	14.4	1320
S031811		6.15	11.50	0.15	0.7	0.226	6.09	4.5	8.5	0.52	1620	33.1	0.89	3.0	22.1	1490
S031812		6.43	12.15	0.13	0.7	0.334	5.30	5.2	10.3	0.57	2450	38.3	1.11	3.2	20.8	1450
S031813		4.21	10.10	0.12	0.7	0.336	4.57	4.7	8.7	0.49	2170	22.5	1.27	2.8	21.7	1360
S031814		4.66	12.90	0.14	0.9	0.283	6.24	4.4	8.2	0.42	1900	25.4	1.13	4.1	20.2	1780
S031815		5.67	11.60	0.13	8.0	0.304	5.93	5.1	7.7	0.48	2340	53.3	0.83	3.6	21.2	1420
S031816		4.49	11.15	0.15	0.9	0.220	6.24	5.2	6.2	0.31	1610	16.60	0.89	3.8	23.1	1560
S031817		7.40	13.80	0.11	8.0	0.245	5.14	5.4	10.4	0.93	2390	78.2	0.73	3.1	26.7	1360
S031818		4.90	12.40	0.08	0.7	0.142	5.63	5.9	10.5	0.92	1810	67.9	0.98	3.7	22.2	1550
S031819		5.21	14.00	0.11	0.8	0.127	6.27	6.4	14.2	2.04	2270	50.5	0.79	4.0	22.6	1530
S031820		0.16	0.33	< 0.05	0.1	0.005	0.05	1.0	1.1	3.99	195	0.94	0.04	0.1	0.6	70
S031821		6.38	12.15	0.10	0.7	0.139	5.31	5.4	20.5	2.52	2260	33.7	0.80	3.3	24.9	1340
S031822		6.20	14.00	0.10	8.0	0.120	6.08	5.7	16.7	2.06	1900	29.2	0.90	3.3	26.8	1530
S031823		6.39	12.70	0.12	0.7	0.101	6.80	5.3	12.5	1.95	1740	40.4	0.88	3.4	29.4	1470
S031824		5.25	11.45	0.11	0.6	0.072	6.46	6.8	7.9	0.80	1620	55.1	1.04	3.1	24.4	1450
S031825		6.16	11.00	0.11	0.6	0.073	5.73	7.2	15.3	1.34	1870	63.1	0.90	2.8	21.3	1370
S031826		5.20	12.00	0.13	0.5	0.064	6.24	5.9	24.7	2.84	1580	30.8	0.85	3.2	20.5	1540
S031826CD		5.00	12.00	0.11	0.6	0.062	6.03	5.9	23.7	2.77	1560	36.2	0.89	3.2	19.4	1580



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SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	28637	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
S031789 S031790 S031791 S031792 S031793		4.4 9040 12.8 8.5 6.6	101.5 159.5 113.5 128.5 143.0	0.677 0.004 0.324 0.298 0.267	0.62 3.05 0.49 0.79 0.85	2.70 77.4 50.7 178.0 8.83	33.7 11.5 38.3 34.2 39.7	3 2 3 3 5	1.6 4.2 1.7 1.4 1.1	332 147.0 693 992 584	0.15 0.32 0.15 0.15 0.17	<0.05 0.30 <0.05 <0.05 <0.05	0.80 3.44 0.76 0.80 0.84	0.301 0.257 0.305 0.281 0.333	0.66 3.26 0.79 0.93 0.89	0.3 1.9 0.4 0.3
5031794		5.5	144.0	0.157	0.46	3.87	34.6	3	1.6	636	0.19	<0.05	0.74	0.364	0.91	0.3
5031795		7.8	138.0	0.181	0.55	11.25	35.7	3	3.3	442	0.21	<0.05	0.74	0.433	1.05	0.5
5031796		10.1	127.0	0.309	0.53	13.80	36.2	3	2.3	417	0.20	<0.05	0.80	0.407	1.00	0.4
5031797		10.0	112.0	0.190	0.38	1.98	34.2	3	2.8	320	0.22	<0.05	1.03	0.384	0.91	0.5
5031798		9.8	119.5	0.327	0.37	2.42	35.7	3	2.6	429	0.18	<0.05	0.75	0.409	0.82	0.4
5031799		14.7	133.0	0.506	0.57	2.57	35.4	5	2.4	407	0.21	<0.05	0.70	0.438	0.82	0.3
5031800		1.1	0.8	<0.002	<0.01	0.08	0.3	1	0.2	83.9	<0.05	<0.05	0.06	0.007	<0.02	0.1
5031801		9.2	124.5	0.321	0.43	2.59	34.0	3	2.2	400	0.22	<0.05	0.74	0.438	0.88	0.4
5031802		7.3	121.0	0.213	0.33	2.77	35.8	2	2.1	504	0.22	<0.05	0.69	0.454	0.91	0.3
5031803		7.0	124.0	0.345	0.91	3.04	34.5	4	1.4	418	0.18	<0.05	0.72	0.385	0.85	0.2
5031804		6.9	128.0	0.421	1.33	3.37	34.2	4	1.5	496	0.17	<0.05	0.70	0.349	0.85	0.2
5031805		9.0	144.0	0.374	0.98	2.54	37.0	6	1.5	679	0.21	<0.05	0.76	0.408	1.00	0.3
5031806		11.2	123.0	0.219	0.50	2.35	44.6	3	1.4	813	0.18	<0.05	0.59	0.359	1.08	0.2
5031806CD		11.3	111.5	0.223	0.51	2.18	43.2	4	1.3	808	0.17	<0.05	0.58	0.354	1.13	0.2
5031807		11.9	134.5	0.308	0.83	2.94	33.6	4	1.8	713	0.18	<0.05	0.70	0.377	0.86	0.3
031808		10.5	124.0	0.263	0.38	2.26	34.8	3	2.2	389	0.17	<0.05	0.80	0.372	0.76	0.4
031809		11.8	127.0	0.255	0.53	2.57	36.4	4	2.5	408	0.19	<0.05	0.83	0.379	1.05	0.4
031810		53.8	125.0	<0.002	4.16	34.8	14.0	6	1.8	137.0	0.29	0.30	2.50	0.305	2.35	1.0
031811		7.0	117.5	0.212	0.57	1.13	22.6	3	6.4	155.0	0.15	<0.05	0.73	0.307	0.95	0.5
031812		4.0	126.0	0.228	0.47	1.44	29.2	4	8.7	157.0	0.17	<0.05	0.84	0.322	0.81	0.6
031813		5.1	116.0	0.114	0.37	1.22	23.5	2	5.6	168.5	0.15	<0.05	0.65	0.293	0.71	0.5
031814		4.6	105.0	0.122	0.51	1.62	34.1	3	6.5	199.0	0.23	<0.05	0.88	0.360	1.17	0.4
031815		9.3	110.0	0.284	0.60	1.46	28.4	4	6.7	174.5	0.19	<0.05	0.86	0.323	0.91	0.5
031816		9.0	113.5	0.098	0.47	1.76	29.4	3	5.8	170.0	0.19	<0.05	0.89	0.359	1.07	0.4
031817		7.8	109.0	0.387	0.89	1.84	26.9	4	6.7	169.0	0.16	<0.05	0.89	0.295	0.65	0.5
031818		6.3	98.6	0.343	0.74	1.87	26.7	3	5.4	195.5	0.20	<0.05	0.96	0.321	0.86	0.5
031819		7.8	107.5	0.220	0.31	3.56	36.4	2	3.3	349	0.20	<0.05	0.99	0.349	0.82	0.5
031820		1.2	1.1	0.004	<0.01	0.07	0.5	1	0.2	77.4	<0.05	<0.05	0.07	0.008	<0.02	0.1
031821		7.3	123.0	0.163	0.32	4.70	31.7	2	2.4	278	0.17	<0.05	0.85	0.296	0.74	0.5
031822		8.1	100.5	0.133	0.64	4.37	36.2	3	2.8	325	0.19	<0.05	0.88	0.355	0.95	0.5
S031823		8.0	93.0	0.151	0.53	3.41	32.9	3	2.2	276	0.20	<0.05	0.91	0.341	0.94	0.5
S031824		8.3	90.9	0.248	0.49	2.91	31.7	3	1.9	265	0.19	<0.05	0.80	0.351	0.92	0.4
S031825		9.2	104.0	0.284	0.41	5.74	31.7	3	1.6	277	0.15	<0.05	0.68	0.314	0.80	0.3
S031826		8.5	112.0	0.147	0.36	2.85	36.9	2	1.4	319	0.17	<0.05	0.82	0.357	0.91	0.4
S031826CD		8.7	107.5	0.201	0.35	2.76	36.3	2	1.4	326	0.19	<0.05	0.82	0.358	0.93	0.4



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(ALS	,								CERTIFICATE OF ANALYSIS VA20228637
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5
\$031789		212	2.1	13.6	134	9.3	20.2	0.4	39
\$031790		124	4.0	9.2	1960	47.2	26.2	0.3	80
\$031791		226	6.5	10.8	140	8.7	17.7	0.3	35
\$031792		199	8.1	10.6	181	6.8	16.6	0.3	45
\$031793		234	0.6	13.5	135	8.1	18.6	0.4	42
S031794		250	0.7	14.1	134	8.7	19.8	0.5	54
S031795		266	1.6	16.1	106	15.4	20.3	0.5	58
S031796		258	1.6	16.2	121	13.0	20.1	0.5	59
S031797		240	2.3	16.2	107	16.2	20.5	0.4	60
\$031798		258	0.9	16.0	118	16.2	21.5	0.5	52
\$031799		266	1.2	15.8	142	11.0	20.5	0.5	64
\$031800		2	0.1	2.4	5	1.6	2.7	<0.1	9
\$031801		262	1.3	17.7	123	17.7	21.5	0.5	61
\$031802		271	1.1	18.2	119	11.0	21.0	0.5	65
S031803 S031804 S031805 S031806 S031806CD S031807		250 237 265 296 292 268	1.3 0.5 0.8 1.0 0.9 1.1	16.5 15.4 15.7 12.9 12.5 14.1	129 130 140 123 121 127	7.4 7.4 7.6 5.3 9.2	20.0 19.7 20.7 21.5 19.9	0.4 0.5 0.5 0.5 0.5	52 49 53 56 54 51
S031808		254	1.1	14.8	117	16.3	20.3	0.4	54
S031808		276	1.4	17.1	136	16.7	19.6	0.5	58
S031810		142	2.3	8.6	208	39.0	30.2	0.4	75
S031811		223	2.0	9.2	100	19.9	22.7	0.3	37
S031811		236	2.2	11.0	89	23.4	21.8	0.3	37
S031813		203	2.6	10.8	71	22.2	22.1	0.3	37
S031814		233	3.8	12.1	67	28.4	22.0	0.4	48
S031815		228	2.7	12.2	81	26.9	21.9	0.4	41
S031816		235	3.2	11.0	61	28.5	23.3	0.4	52
S031817		236	3.4	10.8	122	22.0	19.8	0.4	37
\$031818		224	3.5	11.1	109	19.5	20.9	0.4	44
\$031819		253	1.0	12.6	128	21.7	19.5	0.4	43
\$031820		3	0.1	2.1	6	1.5	2.3	0.1	<5
\$031821		218	1.2	11.0	148	18.6	21.9	0.3	43
\$031822		245	1.0	13.8	124	19.5	21.6	0.4	47
S031823 S031824 S031825 S031826 S031826CD		234 219 217 242 242	0.8 2.1 2.1 0.8 0.8	14.0 20.6 30.6 14.1 15.5	114 75 95 101 101	18.7 16.3 12.7 13.6 14.9	20.9 18.1 16.8 21.1 20.9	0.4 0.4 0.4 0.5	46 43 42 45 44



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	28637	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031827		6.04	0.519	1.16	6.61	11.0	2100	0.90	0.03	5.93	0.63	8.58	31.2	66	2.99	693
\$031828		6.90	0.353	0.82	7.14	5.1	2920	0.71	0.03	4.50	0.59	9.39	27.7	78	4.98	540
\$031829		5.80	0.394	0.92	7.03	6.5	2800	0.66	0.03	4.26	0.52	8.61	27.5	56	5.21	586
\$031830		0.18	0.971	12.25	6.21	327	660	1.09	0.16	3.71	4.44	24.3	11.0	28	6.66	90.9
\$031831		5.68	0.355	0.83	7.09	6.8	3060	0.75	0.03	4.59	0.46	10.05	24.6	54	4.66	555
\$031832		5.84	0.336	1.05	7.35	6.8	2580	0.71	0.02	5.08	0.52	10.40	28.9	74	4.36	677
\$031833		5.54	0.307	5.32	6.99	30.1	1960	1.07	0.03	5.94	2.71	11.80	26.5	47	4.29	570
\$031834		4.98	0.353	5.06	6.47	66.7	2020	1.07	0.04	7.58	3.13	8.67	27.3	75	5.29	699
\$031835		5.18	0.289	0.55	7.07	12.4	3660	0.82	0.04	5.01	0.96	12.85	23.4	74	4.34	466
\$031836		6.16	0.712	1.37	6.44	19.9	2110	0.54	0.05	4.48	1.24	9.84	23.0	69	2.01	816
S031837		6.14	0.785	1.99	6.43	32.7	2270	0.58	0.06	5.45	1.38	10.05	27.5	88	1.57	953
S031838		5.12	0.697	1.76	6.71	9.6	2460	0.64	0.05	5.75	1.88	13.75	21.1	89	1.55	862
S031839		5.12	0.791	1.46	7.20	8.1	2730	0.91	0.05	6.50	1.53	14.40	17.0	67	2.18	752
S031840		0.50	0.008	0.02	0.10	0.8	30	0.06	<0.01	33.1	0.02	0.89	1.1	1	<0.05	9.2
S031841		4.60	0.455	1.00	6.78	7.6	2560	0.98	0.04	6.61	1.22	14.90	17.1	64	2.13	550
S031842		3.80	0.484	0.91	6.41	13.5	2310	0.83	0.03	6.14	1.93	15.50	23.3	61	1.99	611
S031843		5.76	0.374	1.13	7.52	8.8	2810	0.73	0.03	4.53	0.96	13.90	28.0	66	2.72	757
S031844		3.46	0.230	1.08	7.29	16.1	3120	0.65	0.05	3.44	0.77	10.40	28.3	43	3.62	607
S031845		2.84	0.197	0.89	7.62	17.8	2390	0.86	0.03	2.23	0.81	41.0	26.0	50	2.66	409
S031846		3.96	0.018	0.16	7.40	7.4	1250	0.88	0.03	3.41	0.12	62.3	16.2	55	0.75	39.4
S031846CD		<0.02	0.015	0.13	7.54	7.4	1280	0.99	0.02	3.40	0.11	55.9	17.4	56	0.76	39.3
S031847		3.76	0.190	0.77	6.85	24.0	2500	0.70	0.05	4.22	0.83	18.55	18.1	26	1.76	385
S031848		4.98	0.112	0.24	7.61	9.4	1480	0.93	0.12	4.16	0.78	31.2	15.2	25	1.29	117.5
S031849		3.76	0.070	0.34	7.77	19.0	1680	1.22	0.08	3.00	0.15	52.1	16.4	53	0.98	41.3
S031850		0.18	5.64	80.6	6.36	304	1240	0.99	1.10	2.00	22.6	26.3	11.0	23	7.22	120.5



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(ALS									С	ERTIFIC	CATE O	F ANAI	_YSIS	VA202	28637	
Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031827		6.94	13.00	0.12	0.3	0.078	4.63	4.6	37.8	3.50	1910	53.5	0.67	2.8	29.8	1410
\$031828		6.05	13.00	0.11	0.3	0.053	6.03	4.8	34.7	3.06	1560	31.3	0.62	3.1	26.7	1600
\$031829		5.71	13.05	0.11	0.2	0.047	5.75	4.6	37.0	3.35	1420	42.6	0.63	3.1	25.3	1520
\$031830		3.97	13.35	0.14	1.1	0.044	3.91	11.5	13.4	0.55	1400	9.30	0.21	4.7	21.3	910
\$031831		6.13	13.10	0.11	0.3	0.058	5.75	5.2	27.7	2.97	1430	38.0	0.67	3.0	21.1	1450
S031832		5.74	12.70	0.14	0.3	0.047	5.59	5.3	29.7	3.06	1480	69.9	0.66	3.4	26.2	1480
S031833		4.98	12.30	0.13	0.4	0.051	5.32	5.9	13.4	2.19	1500	52.5	0.36	3.2	19.3	1380
S031834		4.68	12.20	0.14	0.3	0.072	3.61	4.4	11.1	2.88	1800	42.3	0.04	3.2	27.6	1100
S031835		4.61	12.85	0.13	0.5	0.072	5.59	5.7	22.9	2.51	1340	39.2	0.49	3.6	31.3	1420
S031836		6.69	13.90	0.15	0.7	0.121	5.65	5.0	15.6	1.60	1340	40.9	0.58	3.1	25.1	1300
\$031837		7.56	13.05	0.12	0.6	0.095	5.58	5.3	16.9	1.52	1320	73.0	0.69	2.8	35.5	1250
\$031838		5.05	12.10	0.14	0.7	0.083	5.77	6.1	17.9	1.96	1460	77.8	0.84	3.3	24.8	1340
\$031839		5.25	13.00	0.15	0.7	0.090	5.78	6.3	22.6	2.19	1630	65.6	1.02	3.3	22.9	1540
\$031840		0.14	0.30	<0.05	<0.1	<0.005	0.04	1.0	1.6	2.64	150	0.73	0.03	0.1	0.5	70
\$031841		6.04	12.25	0.11	0.6	0.082	5.31	6.3	20.9	2.71	1760	75.5	1.07	3.1	20.0	1470
\$031842		6.37	11.70	0.12	0.5	0.086	5.53	6.2	24.0	2.83	1780	61.0	0.76	2.9	23.8	1360
\$031843		5.69	12.90	0.15	0.4	0.056	6.35	6.1	28.4	2.67	1440	41.5	0.85	3.2	24.1	1600
\$031844		5.60	12.85	0.14	0.3	0.047	6.33	5.1	52.7	2.42	1140	36.6	0.55	3.2	21.1	1580
\$031845		4.77	17.15	0.18	2.1	0.043	4.42	21.4	55.3	2.58	1020	14.90	2.02	7.4	29.1	1720
\$031846		4.04	17.60	0.17	3.4	0.043	2.61	31.9	35.9	1.99	983	0.86	3.14	9.8	33.0	1690
S031846CD		4.03	18.75	0.21	2.7	0.047	2.70	28.0	38.1	2.02	985	0.80	3.20	10.4	35.5	1740
S031847		4.89	14.00	0.19	1.2	0.145	5.12	8.2	28.2	1.36	1530	42.9	0.72	5.5	13.2	1600
S031848		4.62	16.00	0.19	1.5	0.060	3.88	15.8	32.4	1.50	889	3.75	2.83	10.4	16.3	2000
S031849		4.53	19.00	0.21	2.6	0.047	2.49	25.8	37.9	2.10	902	1.59	3.37	10.2	31.6	1730
S031850		4.72	12.90	0.19	1.3	1.360	3.72	14.2	12.8	0.48	1180	9.12	0.23	5.0	16.4	940



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(763	,								С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	28637	
Sample Description	Method	ME-MS61														
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	%	ppm	ppm							
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031827		9.1	120.5	0.296	0.47	2.70	39.0	3	1.2	280	0.16	<0.05	0.76	0.332	0.70	0.2
\$031828		11.1	125.0	0.168	0.37	2.29	42.2	2	1.0	326	0.18	<0.05	0.71	0.380	1.05	0.2
\$031829		10.5	133.5	0.286	0.54	4.03	35.4	2	1.2	327	0.18	<0.05	0.68	0.359	1.03	0.2
\$031830		147.5	166.0	0.008	2.91	18.80	11.0	3	1.6	194.0	0.27	0.33	2.87	0.255	3.28	1.6
\$031831		8.4	126.5	0.244	0.64	8.01	33.5	2	1.2	425	0.17	<0.05	0.69	0.364	1.06	0.3
S031832		7.9	145.5	0.472	0.78	11.85	37.0	2	1.2	467	0.18	<0.05	0.87	0.358	1.03	0.3
S031833		49.9	161.5	0.341	0.92	88.8	34.2	3	1.1	653	0.18	<0.05	0.91	0.338	1.19	0.4
S031834		12.8	124.5	0.294	0.70	353	34.8	2	1.4	1120	0.17	<0.05	0.83	0.299	1.09	0.4
S031835		10.6	128.5	0.204	0.41	35.1	36.2	3	1.7	412	0.20	<0.05	1.00	0.370	1.07	0.5
S031836		13.1	118.5	0.224	0.46	10.90	34.4	2	2.5	221	0.16	<0.05	0.74	0.318	0.97	0.4
S031837		11.8	101.5	0.423	1.02	3.63	35.6	3	1.9	221	0.15	<0.05	0.69	0.326	0.76	0.4
S031838		12.4	92.7	0.376	0.48	2.12	37.8	3	2.0	250	0.20	<0.05	0.83	0.345	0.84	0.5
S031839		11.7	108.0	0.269	0.38	2.52	40.6	2	2.2	311	0.19	<0.05	0.85	0.367	0.86	0.4
S031840		0.6	0.9	0.006	0.01	0.11	0.4	1	<0.2	87.7	<0.05	<0.05	0.09	0.007	<0.02	0.1
S031841		11.8	131.0	0.357	0.26	2.38	41.2	2	1.8	308	0.16	<0.05	0.79	0.344	0.79	0.5
S031842		11.1	129.0	0.289	0.36	2.90	37.2	2	1.7	313	0.16	<0.05	0.76	0.328	0.79	0.4
S031843		12.4	108.5	0.268	0.80	3.75	39.1	3	1.5	363	0.17	<0.05	0.77	0.389	0.94	0.3
S031844		12.3	107.5	0.245	0.78	4.75	31.6	3	1.0	394	0.19	<0.05	0.76	0.374	1.05	0.4
S031845		11.9	111.5	0.105	0.29	7.29	24.7	2	1.2	440	0.41	<0.05	3.21	0.537	0.78	1.1
S031846		9.9	67.7	0.023	0.43	8.13	13.4	2	1.2	447	0.50	<0.05	6.56	0.627	0.52	2.5
S031846CD		9.0	59.7	0.019	0.38	7.93	13.7	2	1.2	462	0.55	<0.05	4.47	0.638	0.55	1.7
S031847		21.4	95.9	0.291	1.63	20.9	29.4	10	3.7	249	0.30	<0.05	1.32	0.443	1.18	0.6
S031848		11.5	91.2	0.066	2.16	7.03	14.5	4	1.7	412	0.60	0.06	2.58	0.452	0.94	1.2
S031849		6.0	59.8	0.024	1.23	16.55	13.2	1	1.3	452	0.53	<0.05	3.57	0.624	0.66	1.6
S031850		8490	154.0	0.003	3.05	77.6	11.9	3	3.8	146.0	0.32	0.28	3.53	0.252	3.21	1.9



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Page: 4 - D Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 28-OCT-2020 Account: PREBOW

(ALS	,								C	ERTIFICATE OF ANALYSIS	VA20228637
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5		
S031827		250	2.5	12.7	129	7.4	17.1	0.4	37		
S031828		277	0.8	13.9	117	6.1	20.0	0.5	44		
S031829		258	1.7	13.2	115	5.0	20.0	0.4	46		
S031830		109	4.7	8.7	478	40.0	25.4	0.3	87		
S031831		266	3.2	14.3	100	7.8	20.2	0.5	47		
5031832		260	3.7	13.6	104	7.8	18.8	0.5	44		
5031833		214	18.5	11.1	202	7.0	17.4	0.4	48		
5031834		220	16.7	10.3	159	7.9	15.4	0.4	47		
S031835		246	4.1	13.3	105	13.7	19.8	0.5	50		
S031836		229	2.4	11.2	143	15.0	20.1	0.4	41		
S031837		252	1.4	11.8	138	14.8	19.4	0.4	41		
S031838		233	1.0	14.9	144	17.5	20.2	0.4	43		
S031839		265	1.0	16.0	136	18.2	18.5	0.5	46		
S031840		3	0.1	2.0	4	1.3	2.8	<0.1	<5		
S031841		260	0.7	15.3	126	16.0	19.8	0.4	39		
S031842		243	1.0	15.8	139	12.8	19.7	0.4	45		
S031843		265	2.6	16.9	116	9.1	19.4	0.5	49		
S031844		237	4.6	15.7	110	8.1	20.1	0.5	58		
S031845		168	7.4	13.1	118	46.0	21.9	0.6	133		
S031846		125	6.8	14.1	102	76.0	20.6	0.7	188		
S031846CD		125	7.0	10.6	104	76.6	20.5	0.7	184		
S031847		211	12.6	13.5	113	36.3	20.4	0.5	64		
S031848		157	6.5	11.4	87	54.5	19.5	0.5	110		
S031849		130	16.0	10.9	99	90.4	19.8	0.7	181		
S031850		123	4.1	9.3	1810	51.3	25.3	0.3	75		



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Project: Bowser Regional Project

CERTIFICATE OF ANALYSIS VA20228637

		CERTIFICATE COM	IMENTS	
		CERTIFICATE COM	IMENTS	
		ANALY	TICAL COMMENTS	
Applies to Method:	REEs may not be totally s ME-MS61	soluble in this method.		
		LABORA	ATORY ADDRESSES	
		ver located at 2103 Dollarton Hwy, No		
Applies to Method:	Au-AA23 LOG-21	BAG-01 LOG-21d	CRU-31 LOG-23	CRU-QC ME-MS61
	PUL-32m	PUL-32md	PUL-QC	pXRF-34
	SPL-21	SPL-21d	WEI-21	p 5 .



ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fay: -

North Vancouver BC V/H 0A/ Phone: +1 604 984 0221 Fax: +1 604 984 0218

www.alsglobal.com/geochemistry

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> 27-JAN-2021 Account: PREBOW

### VA20229797

Project: Bowser Regional Project

P.O. No.: BOW-1165

This report is for 105 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 9-OCT-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY JEFF AUSTON SUSAN FLASHA
LEANNE HAWKINS COREY JAMES JULIANNE MADSEN
STEPHAINE WAFFORN

	SAMPLE PREPARATION	
ALS CODE	DESCRIPTION	
WEI-21	Received Sample Weight	
PUL-32md	Pulverize 500g-DUP -85%<75um	
LOG-21	Sample logging - ClientBarCode	
CRU-31	Fine crushing - 70% <2mm	
CRU-QC	Crushing QC Test	
PUL-QC	Pulverizing QC Test	
SPL-21	Split sample - riffle splitter	
PUL-32m	Pulverize 500g - 85%<75um	
BAG-01	Bulk Master for Storage	
LOG-23	Pulp Login - Rcvd with Barcode	
LOG-21d	Sample logging - ClientBarCode Dup	
SPL-21d	Split sample - duplicate	

	ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



To: PRETIVM
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(ALS)	,								С	ERTIFIC	CATE O	F ANAL	_YSIS	VA202	29797	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031851		4.38	0.204	0.49	7.35	22.3	270	0.81	0.21	4.51	0.78	27.1	22.2	25	1.31	140.5
\$031852		4.92	0.091	0.34	7.48	58.4	830	1.07	0.13	5.24	0.98	37.7	21.9	33	1.16	97.4
\$031853		5.28	0.051	0.21	7.70	39.1	1580	1.17	0.08	3.69	0.74	47.2	20.6	45	0.93	67.7
\$031854		4.68	0.067	0.28	7.98	18.5	1110	1.36	0.05	2.43	0.13	54.7	17.8	64	0.82	54.0
\$031855		3.96	0.086	0.36	7.20	39.1	640	1.12	0.15	4.49	1.33	40.1	22.4	35	0.79	133.0
\$031856		4.86	0.171	0.63	6.46	28.3	300	0.99	0.22	4.88	1.63	17.50	21.8	21	0.98	290
\$031857		6.40	0.438	0.82	7.32	20.9	150	1.16	0.38	6.41	0.20	22.0	30.1	29	0.98	396
\$031858		6.42	0.378	0.47	6.45	30.1	490	0.95	0.30	6.54	0.24	16.25	32.5	27	0.88	235
\$031859		5.48	0.358	0.32	7.08	27.6	210	0.99	0.27	5.38	0.70	18.15	17.1	27	1.21	146.0
\$031860		1.06	<0.005	0.01	0.07	<0.2	20	0.07	<0.01	31.3	0.02	0.88	1.5	1	0.05	3.3
\$031861		7.18	1.025	0.69	7.27	32.4	110	0.94	0.22	4.41	0.41	17.45	26.8	31	1.01	281
\$031862		5.02	0.188	0.38	7.43	27.2	370	1.03	0.15	3.19	0.54	18.20	20.6	25	1.98	150.0
\$031863		4.24	0.500	0.46	7.69	19.4	140	0.91	0.29	5.35	0.22	19.95	24.8	19	0.88	173.5
\$031864		5.86	0.237	0.36	6.84	14.6	660	0.76	0.37	5.63	0.45	17.85	23.3	17	0.93	185.0
\$031865		3.96	0.140	0.38	7.33	15.6	800	1.10	0.49	6.91	0.65	19.85	26.1	17	1.44	172.0
S031866		3.02	0.005	0.08	8.05	38.1	1210	0.80	0.01	3.81	0.07	13.75	42.8	138	9.66	80.1
S031866CD		<0.02	0.005	0.10	9.03	43.5	1380	0.89	0.03	4.33	0.09	16.05	45.4	157	11.45	89.4
S031867		4.90	<0.005	0.08	7.71	27.5	1380	0.49	<0.01	4.52	0.14	14.25	39.6	137	7.72	77.0
S031868		4.92	0.030	0.13	8.32	33.9	1290	0.79	0.07	5.04	0.15	16.50	41.4	128	9.39	107.5
S031869		3.56	0.213	0.31	6.94	12.0	130	0.70	0.44	5.88	0.28	18.20	24.5	16	1.11	192.5
\$031870 \$031871 \$031872 \$031873 \$031874		0.16 6.12 4.36 5.54 5.02	1.335 0.223 0.097 0.293 0.147	28.7 0.52 0.26 0.35 0.51	5.79 6.72 6.83 7.41 7.43	373 34.0 29.0 24.5 21.4	120 70 170 150 530	1.36 0.91 0.52 0.86 0.83	0.99 0.36 0.36 0.24 0.17	0.67 4.90 9.07 5.64 4.26	1.81 0.32 0.40 0.50 0.52	28.1 16.00 17.50 19.40 20.5	14.3 34.0 16.5 20.5 20.5	18 18 10 15	8.45 1.43 1.09 1.42 1.38	106.5 258 158.5 191.0 232
\$031875		4.92	0.261	0.30	7.57	16.4	220	0.90	0.26	4.73	0.32	18.85	23.2	15	1.21	146.0
\$031876		5.56	0.168	0.37	7.65	41.7	310	0.84	0.23	3.94	0.31	20.7	23.8	15	1.03	182.0
\$031877		5.40	0.098	0.34	7.27	55.3	400	0.73	0.14	7.20	0.47	24.0	15.3	12	1.12	152.5
\$031878		5.88	0.162	0.36	8.02	22.4	540	0.89	0.12	5.10	0.41	20.3	19.2	14	1.11	212
\$031879		6.80	0.108	0.36	7.43	53.0	360	0.90	0.21	7.91	0.41	21.3	21.5	13	0.81	136.0
\$031880		1.60	<0.005	0.01	0.16	0.7	30	0.11	<0.01	32.1	<0.02	1.10	1.7	2	0.06	5.6
\$031881		6.00	0.139	0.35	7.95	23.7	550	0.96	0.15	4.70	0.38	20.4	24.1	14	0.95	119.5
\$031882		6.86	0.291	0.34	7.52	14.6	330	0.97	0.25	4.02	0.23	18.15	22.7	14	0.97	122.0
\$031883		5.30	0.202	0.39	6.87	53.9	420	0.70	0.17	9.97	7.26	18.80	16.8	11	0.81	131.5
\$031884		6.34	0.191	0.33	7.73	12.7	410	0.88	0.28	4.38	0.25	21.3	20.7	14	1.11	159.0
S031885		7.16	0.235	0.40	7.71	12.7	130	0.96	0.43	3.65	1.17	17.95	24.3	13	1.14	150.0
S031886		6.10	0.214	0.38	7.57	10.8	330	0.86	0.28	3.54	0.28	19.10	18.4	15	0.98	171.0
S031886CD		<0.02	0.197	0.33	7.76	11.2	340	0.93	0.27	3.49	0.21	20.5	18.4	15	1.02	172.0
S031887		3.86	0.182	0.32	7.47	9.2	260	0.93	0.37	3.50	0.33	18.60	16.8	14	1.30	131.0
S031888		5.18	1.025	0.46	7.38	16.7	120	1.10	0.40	3.97	0.52	18.50	22.9	12	1.22	109.5



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**CERTIFICATE OF ANALYSIS VA20229797** 

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											CAILO	I ANAL	_ 1 313	VAZUZ	23131	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031851		5.66	14.75	0.14	1.3	0.087	3.76	12.9	41.6	1.53	1060	7.25	2.62	9.2	14.7	2300
\$031852		5.38	16.30	0.16	1.9	0.098	2.62	19.3	51.2	1.92	1100	1.63	2.94	9.9	19.2	2180
\$031853		4.83	18.70	0.21	2.1	0.070	2.51	22.1	51.8	2.01	812	1.76	2.85	10.6	27.9	2060
\$031854		4.85	19.15	0.17	2.5	0.055	2.31	25.0	49.0	1.61	519	2.37	2.82	12.0	34.6	1870
\$031855		5.38	17.30	0.21	2.0	0.069	2.32	19.4	44.9	2.20	892	1.70	2.67	9.3	20.9	2020
\$031856		5.82	13.55	0.17	0.8	0.094	3.10	8.8	31.9	2.61	982	5.78	2.12	7.0	11.0	2010
\$031857		7.24	17.55	0.24	0.9	0.104	3.39	14.4	21.8	2.34	1320	1.67	2.03	8.0	13.5	2380
\$031858		6.81	12.10	0.22	0.7	0.120	3.71	8.9	19.3	2.46	1440	4.71	1.94	6.9	12.9	2180
\$031859		5.57	18.20	0.19	0.9	0.077	4.60	9.1	20.7	1.39	1030	3.07	1.97	8.3	14.6	2100
\$031860		0.12	0.28	0.14	<0.1	0.005	0.02	1.0	1.3	2.65	139	0.06	0.03	0.1	0.3	70
\$031861 \$031862 \$031863 \$031864 \$031865		8.12 5.76 7.70 7.18 7.04	18.00 17.85 18.95 15.15 19.05	0.22 0.19 0.19 0.20 0.21	0.8 0.9 0.8 1.5	0.142 0.081 0.051 0.061 0.056	4.09 4.52 3.38 3.46 3.79	10.0 8.6 10.1 8.5 9.3	22.6 29.4 24.9 15.6 16.6	1.63 1.57 1.53 2.15 2.29	1280 1060 1030 1140 992	4.17 4.22 6.97 4.36 2.48	2.19 1.93 2.39 2.21 1.83	7.8 8.7 7.9 7.4 8.4	14.9 15.7 11.2 9.5 10.6	2370 2000 2270 2350 2430
S031866		6.82	16.95	0.19	1.3	0.057	3.31	5.0	76.4	5.93	1640	0.23	1.17	2.4	94.9	780
S031866CD		7.64	19.00	0.24	1.5	0.066	3.74	5.9	85.8	6.62	1820	0.25	1.27	2.7	106.0	880
S031867		6.48	14.80	0.20	1.2	0.051	3.31	5.4	67.0	5.67	1510	0.20	1.09	2.4	91.9	750
S031868		7.16	17.70	0.19	1.3	0.068	3.25	6.5	69.2	5.26	1580	0.78	1.63	3.7	82.4	1070
S031869		6.71	17.00	0.19	0.9	0.052	3.24	8.5	11.8	1.66	991	2.32	2.52	8.2	9.7	2210
\$031870		4.37	13.70	0.19	0.9	0.042	2.70	13.2	10.4	0.37	218	5.18	0.19	5.8	14.7	1280
\$031871		7.12	16.05	0.20	1.0	0.032	3.68	7.0	10.4	1.02	856	2.82	2.87	9.1	12.8	2350
\$031872		4.98	13.15	0.17	0.8	0.037	3.91	8.7	12.4	0.97	1390	2.41	2.36	8.8	7.8	2570
\$031873		5.80	17.00	0.19	0.9	0.072	3.73	9.2	15.8	1.82	1160	9.37	2.72	8.7	9.2	2320
\$031874		5.37	18.40	0.21	0.8	0.087	3.49	9.9	19.0	2.13	1160	35.3	2.98	9.2	9.4	2220
\$031875 \$031876 \$031877 \$031878 \$031879		5.60 6.02 4.69 5.10 5.25	16.30 17.80 16.80 17.95 17.35	0.18 0.19 0.20 0.21 0.21	0.8 0.8 0.8 0.8	0.071 0.085 0.063 0.080 0.089	3.85 3.68 3.15 4.18 3.30	8.9 9.9 12.2 10.0 10.7	17.6 19.7 19.6 23.0 22.0	1.94 2.15 1.87 2.14 2.03	1000 1290 1780 1280 1650	3.77 2.83 2.86 1.74 1.41	2.99 2.93 2.90 2.67 2.67	8.9 9.2 8.5 8.9 8.4	9.1 9.5 8.4 8.5 8.2	2270 2300 2150 2320 2160
\$031880		0.15	0.47	0.14	0.1	<0.005	0.04	1.1	1.6	2.34	149	0.12	0.07	0.2	0.8	100
\$031881		5.30	17.50	0.22	0.8	0.079	3.93	10.5	23.0	2.12	1300	1.23	2.60	8.6	7.9	2280
\$031882		6.07	16.40	0.20	0.8	0.078	4.14	8.7	19.4	2.24	1080	1.40	2.56	8.7	8.4	2270
\$031883		4.79	14.80	0.16	0.7	0.067	3.43	9.5	18.9	1.48	1380	1.14	2.44	7.4	7.1	1940
\$031884		5.33	17.80	0.21	0.9	0.092	4.09	10.5	20.3	2.31	877	1.79	2.58	9.0	8.1	2170
S031885 S031886 S031886CD S031887 S031888		7.03 5.36 5.43 5.06 7.13	18.15 14.60 15.45 13.85 17.20	0.21 0.20 0.21 0.18 0.21	0.7 0.8 0.9 0.9	0.099 0.077 0.079 0.096 0.133	3.94 4.02 4.09 4.13 3.78	8.3 9.3 10.1 8.8 8.9	16.8 13.8 15.0 12.2 19.7	2.41 2.46 2.53 2.29 2.35	878 827 842 716 822	2.11 1.11 1.14 1.33 2.90	2.63 2.71 2.77 2.68 2.45	8.9 8.2 8.7 8.2 8.3	9.2 7.9 8.4 8.7 8.0	2230 2200 2240 2160 2360



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
1055 DUNSMUIR STREET
VANCOUVER BC V7X 1L4

**CERTIFICATE OF ANALYSIS VA20229797** 

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											CAILO	I ANA	-1313	<b>V</b> /\Z-02	23131	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031851		13.1	93.1	0.101	3.22	9.95	33.7	6	1.3	471	0.49	0.15	1.96	0.568	1.15	1.1
\$031852		11.3	66.5	0.035	2.36	7.46	32.7	5	1.4	550	0.50	0.09	2.64	0.593	0.77	1.4
\$031853		18.8	56.2	0.021	1.23	7.21	23.5	3	1.4	700	0.57	0.05	3.89	0.644	0.60	1.3
S031854 S031855		4.8 25.6	50.3 56.3	0.015 0.040	1.71 2.40	21.7 9.15	15.7 28.3	5	1.3	609 673	0.66 0.51	<0.05 0.10	4.94 3.37	0.681 0.578	0.46 0.53	1.5
\$031856		29.0	79.8	0.052	3.54	5.15	39.5	10	1.9	390	0.39	0.12	1.40	0.399	0.67	0.7
\$031857		8.3	80.9	0.024	4.95	11.60	45.9	12	3.1	560	0.47	0.12	1.79	0.442	0.78	0.9
\$031858		4.8	89.9	0.060	5.13	5.64	43.7	12	2.4	390	0.40	0.10	1.53	0.421	0.70	0.8
\$031859		10.1	89.9	0.035	3.82	6.32	31.6	9	2.0	504	0.44	0.08	1.77	0.416	0.98	1.0
\$031860		<0.5	1.1	<0.002	0.01	0.16	0.4	<1	<0.2	73.2	<0.05	<0.05	0.03	0.006	<0.02	0.1
S031861		8.6	84.0	0.047	5.59	4.54	40.7	12	3.0	424	0.47	0.16	1.57	0.462	0.91	0.8
S031862		17.0	87.5	0.022	2.91	3.45	28.4	5	1.6	495	0.52	0.11	1.87	0.441	1.14	0.9
S031863		4.7	82.7	0.014	5.61	4.76	38.3	12	2.2	481	0.44	0.18	1.32	0.610	0.69	0.7
S031864		9.5	80.6	0.018	5.90	5.13	41.2	11	2.2	417	0.43	0.22	1.40	0.591	0.69	0.7
S031865		17.8	101.0	0.010	6.37	4.91	42.7	13	2.6	470	0.50	0.38	1.56	0.592	0.87	0.8
S031866		1.7	88.7	0.006	0.40	5.30	36.2	<1	0.7	798	0.14	<0.05	0.27	0.672	0.69	0.1
S031866CD		2.2	114.0	<0.002	0.47	5.99	40.4	1	0.8	895	0.17	<0.05	0.34	0.751	0.89	0.1
S031867		1.9	100.0	0.002	0.41	4.55	35.7	1	0.6	731	0.14	<0.05	0.31	0.640	0.72	0.1
S031868		2.6	96.0	0.009	1.15	5.12	39.2	1	1.0	666	0.22	<0.05	0.56	0.682	0.81	0.2
S031869		8.2	78.7	0.009	5.59	3.99	36.8	9	2.1	425	0.48	0.18	1.58	0.524	0.72	0.8
\$031870		53.4	131.0	<0.002	4.12	36.2	14.6	5	2.0	133.5	0.33	0.30	2.68	0.294	2.38	1.0
\$031871		9.5	75.8	0.007	6.65	3.71	36.4	9	2.5	418	0.52	0.27	1.38	0.571	0.90	0.7
\$031872		8.3	87.9	0.017	4.26	2.68	16.8	7	1.7	378	0.52	0.20	1.85	0.355	0.86	0.9
\$031873		5.3	89.5	0.085	4.45	2.96	35.9	9	2.4	391	0.51	0.16	1.65	0.536	0.85	0.9
\$031874		5.6	84.5	0.436	2.94	3.15	36.4	7	1.9	439	0.54	0.11	1.64	0.528	1.12	0.8
S031875		6.0	91.5	0.043	4.08	1.92	33.1	8	1.8	465	0.53	0.13	1.63	0.528	0.76	0.8
S031876		6.7	89.8	0.036	3.64	2.88	35.3	8	1.7	533	0.53	0.14	1.78	0.537	1.15	0.9
S031877		6.8	79.8	0.026	2.48	3.01	33.3	6	1.8	400	0.51	0.08	1.70	0.491	0.84	0.8
S031878		5.1	98.3	0.004	2.65	1.85	35.0	7	1.8	368	0.51	0.10	1.77	0.545	0.97	0.8
S031879		6.8	82.6	0.011	3.14	5.65	32.3	7	1.9	391	0.51	0.13	1.76	0.504	1.57	0.9
\$031880		0.7	1.4	0.005	0.02	0.18	0.7	1	0.2	74.9	<0.05	<0.05	0.07	0.014	<0.02	0.1
\$031881		7.7	93.6	0.015	2.80	3.50	31.1	5	1.6	372	0.51	0.12	1.68	0.530	1.58	0.9
\$031882		6.2	93.3	0.018	3.86	2.51	30.9	7	1.6	418	0.54	0.11	1.44	0.532	1.17	0.7
\$031883		6.4	82.7	0.014	3.02	6.16	28.0	5	1.5	451	0.45	0.11	1.46	0.449	1.27	0.6
\$031884		7.2	107.0	0.023	3.31	2.77	33.9	7	1.8	470	0.53	0.13	1.77	0.520	1.04	1.0
S031885		19.6	97.5	0.023	5.03	2.87	33.1	8	2.0	522	0.50	0.13	1.49	0.522	1.02	0.9
S031886		5.8	93.7	0.003	3.28	2.19	29.6	5	1.6	442	0.52	0.10	1.72	0.530	0.98	0.8
S031886CD		5.5	101.0	0.014	3.29	2.31	32.4	5	1.8	447	0.53	0.10	1.65	0.538	0.97	0.8
S031887		7.3	100.5	<0.002	3.60	2.37	30.1	6	2.0	445	0.50	0.13	1.59	0.510	0.97	0.8
S031888		9.4	93.9	0.006	5.31	5.72	31.2	7	2.5	530	0.48	0.15	1.55	0.503	0.89	1.0



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(ALS	,								Cl	ERTIFIC	CATE OF ANALYSIS	VA20229797
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5		
\$031851 \$031852 \$031853 \$031854 \$031855		277 263 214 141 235	42.0 13.3 8.1 57.3 3.9	15.8 17.0 14.1 11.2 16.5	116 117 125 95 96	39.7 64.2 64.3 74.5 66.7		21.7 22.0 23.1 24.7 22.8	0.6 0.6 0.7 0.7	96 127 167 199 133		
\$031856 \$031857 \$031858 \$031859 \$031860		280 350 345 280 2	1.3 1.3 0.8 1.7 0.1	14.6 15.9 14.0 14.3 2.2	85 47 54 57 5	20.3 21.7 15.6 25.1 1.3		23.2 22.4 22.3 23.9 3.2	0.5 0.5 0.5 0.5 <0.1	57 55 45 70 7		
\$031861 \$031862 \$031863 \$031864 \$031865		352 296 391 401 401	1.3 1.0 1.3 1.1 1.6	15.2 15.2 18.3 18.5 19.9	71 80 48 53 59	19.6 24.6 20.7 18.5 22.8		22.6 23.8 22.0 22.0 21.5	0.5 0.6 0.7 0.6 0.6	55 73 68 57 63		
\$031866 \$031866CD \$031867 \$031868 \$031869		270 303 254 297 349	1.0 1.2 0.7 2.2 1.1	18.1 21.2 18.0 20.7 18.1	76 85 72 73 44	41.5 48.3 40.3 43.8 22.3		18.4 19.4 18.4 18.8 21.0	0.6 0.6 0.6 0.6 0.6	62 60 57 61 73		
\$031870 \$031871 \$031872 \$031873 \$031874		140 331 231 330 326	2.4 1.7 1.0 1.2 1.3	8.6 18.1 17.4 19.0 19.3	195 37 50 60 64	32.4 28.1 24.1 21.1 21.0		33.1 22.5 19.6 22.5 23.2	0.4 0.6 0.4 0.6 0.6	74 65 52 66 67		
\$031875 \$031876 \$031877 \$031878 \$031879		318 330 296 322 300	1.4 1.3 1.3 1.1	18.4 19.6 31.0 18.9 25.5	53 60 90 56 62	20.3 20.2 19.6 21.1 20.4		22.7 22.7 19.6 23.1 19.9	0.6 0.6 0.5 0.6 0.5	71 73 72 69 65		
\$031880 \$031881 \$031882 \$031883 \$031884		5 320 315 266 305	0.1 1.5 1.4 1.5 1.6	2.4 19.6 17.6 20.8 19.2	4 65 59 308 54	2.0 25.4 20.2 17.5 21.8		3.8 22.7 23.1 17.6 23.4	<0.1 0.6 0.6 0.5 0.6	6 67 69 62 71		
\$031885 \$031886 \$031886CD \$031887 \$031888		314 302 307 295 291	1.8 1.4 1.4 1.3 2.5	17.9 17.7 18.7 16.9 18.2	66 52 50 45 53	20.4 19.4 20.3 20.9 21.4		23.9 23.6 24.6 24.3 22.4	0.6 0.6 0.6 0.6 0.5	69 76 75 72 81		



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(> \									C	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	29797	
Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 AI % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
S031889		6.30	0.244	0.39	7.45	14.1	220	1.03	0.45	3.91	1.32	17.35	19.8	13	1.85	175.0
S031890		0.18	1.105	12.90	6.11	321	320	1.20	0.18	3.74	4.69	23.5	10.7	26	7.12	83.2
S031891		6.18	0.144	0.40	7.52	11.2	180	1.20	0.44	5.03	3.25	18.05	18.2	14	1.93	91.7
S031892		5.10	0.155	0.34	7.30	9.4	220	0.99	0.33	3.44	0.65	17.55	19.6	12	2.23	116.0
S031893		4.86	0.167	0.38	7.59	16.2	710	1.04	0.29	3.42	0.47	18.00	21.1	15	3.30	145.5
S031894		4.56	0.209	0.35	7.50	37.3	390	0.97	0.23	3.60	0.47	17.70	21.1	13	2.36	141.0
S031895		5.24	0.245	0.34	7.72	17.2	390	0.92	0.22	5.41	1.04	18.45	17.0	10	1.84	122.5
S031896		5.34	0.607	0.56	6.47	47.0	150	0.90	0.44	8.21	0.38	20.4	33.7	19	1.31	192.5
S031897		5.30	0.435	0.37	6.30	43.2	160	0.97	0.33	7.83	0.57	17.50	28.9	17	0.65	115.0
S031898		5.16	0.270	0.38	7.13	18.0	370	0.77	0.31	7.24	1.57	19.00	25.9	19	0.85	167.0
S031899		6.44	0.190	0.36	7.75	18.9	340	1.01	0.28	5.79	0.78	17.65	20.3	16	2.17	148.5
S031900		0.54	0.006	0.02	0.11	0.3	30	0.07	< 0.01	34.4	0.03	1.09	1.5	1	0.05	3.0
S031901		5.04	0.350	1.15	7.19	32.0	310	1.04	0.26	4.83	0.79	18.10	18.9	20	3.08	168.5
S031902		2.56	0.351	2.97	6.19	19.9	310	0.85	0.33	6.42	5.16	15.30	17.9	21	1.57	96.0
S031903		6.10	0.412	0.31	6.67	13.8	410	0.92	0.32	5.20	0.42	14.85	15.1	34	2.28	57.2
S031904		6.12	0.204	0.32	7.63	19.9	640	0.98	0.11	5.15	0.33	19.10	19.7	21	1.52	125.5
S031905		6.66	0.403	0.41	7.51	15.5	610	0.96	0.13	4.67	0.97	17.95	18.9	11	2.72	164.5
S031906		6.36	0.215	0.87	7.40	24.4	1540	0.97	0.20	5.21	8.41	18.60	16.5	14	3.21	82.2
S031906CD		< 0.02	0.245	0.87	7.26	24.4	1550	1.00	0.19	5.21	8.56	17.35	15.8	14	3.09	82.3
S031907		6.44	0.340	2.60	6.98	38.6	620	0.89	0.16	4.59	9.35	17.70	18.6	12	3.74	165.0
S031908		5.96	0.179	2.49	7.19	68.3	660	1.03	0.34	5.41	6.70	17.00	18.8	16	4.12	93.6
S031909		6.34	0.229	0.53	7.55	21.5	440	0.92	0.24	5.51	1.40	18.85	23.7	24	2.38	109.5
S031910		0.18	5.85	79.9	6.34	302	320	1.11	1.23	2.03	23.6	25.5	11.0	22	7.94	115.5
S031910		4.00	0.134	0.28	7.33	12.1	780	0.94	0.21	4.71	0.49	20.3	16.7	25	2.56	88.1
S031911		7.20	0.533	0.20	7.51	14.5	980	1.43	0.21	6.17	0.49	17.35	19.1	25	2.31	56.1
S031913		5.28	0.258	0.29	8.26	10.9	940	1.38	0.20	5.02	0.68	22.4	21.0	12	1.97	67.1
S031914		6.42	1.315	0.63	7.62	23.6	780	1.19	0.25	5.33	0.71	19.60	22.2	10	3.28	93.6
S031915		3.92	0.404	0.90	7.52	20.6	1390	0.91	0.14	5.13	0.51	19.15	17.7	12	3.14	116.0
S031916		5.46	0.332	0.47	7.87	10.6	710	1.01	0.23	3.88	0.41	20.6	19.5	11	2.33	141.0
S031917		5.24	0.132	0.30	8.17	14.4	900	0.92	0.16	4.24	0.42	19.40	20.9	11	2.30	133.0
S031918		5.02	0.179	0.78	7.16	14.4	460	1.05	0.41	4.30	0.44	18.35	17.4	9	2.55	82.0
S031919		5.42	0.180	0.74	7.74	10.7	670	1.00	0.19	3.59	0.41	18.50	15.3	10	2.83	116.5
S031919		0.54	<0.005	0.01	0.14	0.3	30	0.05	0.06	33.4	0.02	1.27	1.4	1	0.11	2.9
S031921		4.98	0.149	2.08	7.24	19.4	540	0.79	0.15	4.37	2.02	22.0	21.0	9	2.50	96.7
S031922		4.12	0.118	1.21	7.04	41.4	950	1.20	0.19	4.22	1.45	20.8	15.5	8	4.79	77.2
S031923		3.74	0.115	2.13	6.03	153.0	890	0.84	0.12	6.06	1.30	18.65	11.9	8	3.53	95.2
S031923		2.66	0.113	>100	6.97	64.4	870	0.99	0.12	5.24	8.79	27.0	18.6	19	3.65	1255
S031925		3.66	0.132	1.59	3.98	20.3	300	0.66	0.12	5.65	6.44	14.40	8.1	14	2.64	99.6
S031925		4.80	0.003	1.70	5.75	49.8	420	0.88	0.12	7.56	3.27	22.9	12.9	7	4.14	82.6
		<0.02	0.113	2.69	5.75	50.6	400	0.88	0.11	7.34	3.46	19.85	12.9	8	4.14	87.1
S031926CD		<b>~</b> 0.0∠	0.121	2.09	5.0∠	50.0	400	0.93	U. 1Z	1.34	3.40	19.00	12.9	0	4.23	01.1



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(									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	29797	
	Method Analyte Units	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
Sample Description	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
S031889		6.00	16.10	0.24	0.8	0.100	4.63	8.1	20.8	2.51	766	3.32	2.19	8.3	7.7	2160
S031890		3.92	13.35	0.20	1.1	0.045	3.90	11.7	12.9	0.55	1370	9.88	0.21	5.0	20.9	930
S031891		6.45	18.35	0.23	8.0	0.082	4.09	8.7	23.3	2.65	858	3.39	1.94	8.1	7.9	2370
S031892		6.18	15.35	0.20	0.8	0.083	4.12	8.2	28.7	2.78	836	1.49	2.15	8.3	8.0	2200
S031893		5.50	17.25	0.23	8.0	0.097	4.49	8.5	28.9	2.77	822	1.38	2.04	8.7	8.0	2270
S031894		6.00	15.85	0.23	0.7	0.079	4.96	8.4	22.6	2.61	867	3.93	1.91	8.4	8.1	2370
S031895		5.23	15.65	0.23	8.0	0.062	4.90	8.9	14.5	2.04	825	7.01	1.68	8.0	7.2	2320
S031896		7.97	15.75	0.19	1.0	0.138	1.90	9.7	25.7	3.55	1550	3.23	2.13	6.3	11.2	2670
S031897		7.25	16.10	0.18	0.9	0.140	2.10	8.4	14.8	2.85	1280	3.29	1.81	6.8	9.7	2330
S031898		7.16	13.75	0.21	1.0	0.084	3.43	8.8	11.5	2.70	1310	2.88	1.87	7.7	9.8	2430
S031899		5.65	13.95	0.22	1.0	0.075	5.13	8.4	18.3	2.17	1040	3.26	1.71	8.2	8.3	2150
S031900		0.13	0.33	0.17	<0.1	< 0.005	0.03	1.3	1.3	2.55	140	0.15	0.03	0.2	0.5	90
S031901		5.91	16.35	0.19	0.8	0.097	4.60	8.4	21.1	2.19	999	7.36	1.66	7.6	10.4	1940
S031902		7.07	16.60	0.19	0.7	0.090	3.24	7.4	13.6	1.73	1040	10.95	1.39	5.3	9.4	1710
S031903		5.55	15.35	0.16	0.9	0.095	2.78	7.1	13.5	1.53	872	105.0	2.04	6.9	11.6	1490
S031904		5.92	15.65	0.18	0.9	0.084	4.08	9.5	20.0	2.08	1100	10.15	2.34	7.8	10.4	2000
S031905		5.45	15.65	0.19	0.9	0.088	4.54	8.3	21.5	1.95	1070	2.61	1.75	9.0	8.1	2310
S031906		4.08	14.30	0.18	0.8	0.105	4.03	9.0	10.6	1.82	1060	8.44	2.05	8.6	7.6	1970
S031906CD		4.11	14.10	0.18	0.8	0.101	4.07	8.1	10.3	1.82	1060	6.84	2.06	8.2	7.4	1990
S031907		5.59	17.45	0.21	0.6	0.099	4.23	8.8	6.1	1.61	991	7.34	1.04	7.8	7.9	2080
S031908		5.40	17.40	0.20	0.5	0.136	3.73	9.3	5.6	1.77	1200	23.5	1.08	7.8	8.9	1960
S031909		5.70	15.15	0.22	8.0	0.107	4.24	9.2	20.8	2.57	1160	4.25	2.04	7.8	11.5	2160
S031910		4.73	12.60	0.18	1.2	1.380	3.76	13.3	12.8	0.49	1180	9.65	0.23	5.5	16.8	970
S031911		4.40	15.45	0.21	1.0	0.101	4.20	9.9	25.6	2.31	965	3.88	1.81	8.3	12.9	1800
S031912		3.63	18.20	0.21	1.0	0.089	2.96	8.2	17.6	1.91	815	31.1	2.54	7.2	9.6	1570
S031913		4.32	18.05	0.24	1.0	0.154	5.07	10.8	23.2	2.06	845	3.04	2.37	9.5	7.1	2510
S031914		5.26	17.50	0.22	8.0	0.120	4.08	9.7	18.6	1.99	823	2.26	2.01	8.8	6.8	2310
S031915		5.16	16.15	0.22	0.7	0.102	4.33	9.5	22.0	2.58	1000	1.44	1.57	8.3	7.1	2220
S031916		5.87	17.50	0.23	0.7	0.089	4.11	10.4	24.5	2.35	848	1.46	2.18	9.4	7.5	2350
S031917		6.27	17.75	0.20	0.8	0.070	4.10	9.4	27.1	2.41	859	1.64	2.44	9.6	7.1	2470
S031918		5.65	14.75	0.19	0.6	0.096	3.33	9.2	25.0	2.82	1040	1.94	1.83	7.8	6.3	2050
S031919		6.13	17.25	0.19	0.6	0.056	4.01	9.0	28.0	2.64	888	2.05	2.06	9.0	7.3	2450
S031920		0.15	0.42	0.14	<0.1	0.007	0.05	1.5	1.2	1.66	147	0.08	0.04	0.2	0.4	90
S031921		5.86	14.75	0.18	0.6	0.085	3.80	10.9	19.8	2.71	1040	3.26	1.92	8.0	6.1	2070
S031922		4.86	16.70	0.16	0.7	0.058	3.94	10.2	8.8	1.81	735	2.57	1.46	8.6	6.1	2020
S031923		4.36	12.15	0.14	0.8	0.056	2.81	9.5	8.1	2.19	1320	5.98	1.25	5.9	3.8	1400
S031924		5.04	15.55	0.17	0.9	0.081	3.07	13.8	16.6	2.07	1080	5.18	1.34	8.3	101.5	1880
S031925		3.70	8.59	0.11	0.5	0.060	2.10	7.3	8.9	2.04	1090	2.03	0.03	3.6	3.4	1130
S031926		5.34	13.05	0.15	8.0	0.082	3.02	11.7	8.8	2.72	1560	1.61	0.10	5.9	5.0	1770
S031926CD		5.22	12.85	0.15	0.4	0.090	2.94	10.3	8.6	2.66	1530	1.75	0.09	5.7	5.4	1710



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(ALS	,								С	ERTIFIC	CATE O	F ANAI	YSIS	VA202	29797	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031889		24.3	105.5	0.006	4.31	3.04	31.6	8	2.1	432	0.46	0.14	1.52	0.506	1.02	0.8
\$031890		150.0	167.0	0.003	2.89	19.85	11.2	3	1.6	187.5	0.27	0.34	3.29	0.250	3.30	1.9
\$031891		63.5	98.4	0.011	4.77	3.20	31.5	10	2.3	431	0.46	0.14	1.43	0.494	0.90	0.8
\$031892		11.6	95.1	0.006	4.19	1.78	31.4	7	1.6	429	0.45	0.13	1.49	0.506	0.98	0.9
\$031893		7.0	104.5	0.004	2.88	1.61	30.2	6	1.6	465	0.49	0.11	1.38	0.526	1.06	0.8
\$031894		9.0	94.5	0.022	3.50	1.39	32.2	5	1.3	401	0.46	0.12	1.31	0.526	1.21	0.7
\$031895		13.5	104.0	0.020	3.49	2.97	29.1	7	1.6	459	0.44	0.11	1.57	0.485	1.17	0.8
\$031896		6.8	49.0	<0.002	5.05	3.91	60.6	9	2.6	439	0.33	0.20	1.20	0.592	0.44	0.7
\$031897		8.6	51.5	<0.002	4.96	5.64	48.2	8	2.8	454	0.39	0.16	1.32	0.516	0.50	0.8
\$031898		19.0	81.8	<0.002	4.89	4.51	43.5	9	2.1	526	0.44	0.14	1.50	0.553	0.79	0.8
\$031899		8.1	118.5	0.007	3.71	3.66	32.2	5	1.8	386	0.45	0.13	1.63	0.506	1.27	0.9
\$031900		0.5	0.9	<0.002	0.03	0.11	0.5	1	<0.2	92.7	<0.05	<0.05	0.04	0.008	0.02	0.1
\$031901		29.9	114.0	0.010	3.67	8.32	31.8	6	1.9	372	0.42	0.18	1.52	0.474	1.17	0.9
\$031902		278	84.3	0.024	4.94	22.9	32.8	9	2.0	374	0.29	0.15	1.20	0.399	0.87	0.7
\$031903		6.9	72.1	0.111	3.65	7.33	19.5	8	2.0	329	0.39	0.23	1.71	0.345	0.66	0.9
\$031904		7.1	96.6	0.014	3.10	4.17	31.1	7	2.1	310	0.43	0.11	1.66	0.462	0.94	0.8
\$031905		13.8	87.7	0.004	2.82	5.67	31.1	5	2.0	400	0.53	0.09	1.62	0.550	1.36	0.9
\$031906		259	102.0	0.019	1.95	26.2	27.0	4	1.8	463	0.50	0.11	1.85	0.465	0.98	0.9
\$031906CD		244	99.4	0.019	1.98	26.9	25.7	4	1.8	471	0.48	0.09	1.72	0.475	0.99	0.8
\$031907		120.5	113.0	0.019	3.57	103.5	31.0	5	2.0	494	0.45	0.13	1.52	0.479	1.17	0.7
\$031908		174.5	93.6	0.022	3.61	55.2	25.8	6	2.3	619	0.47	0.15	1.46	0.466	1.12	0.8
\$031909		54.2	102.0	0.009	3.09	29.8	38.3	6	1.6	427	0.45	0.16	1.59	0.496	1.11	0.8
\$031910		8520	148.5	0.005	3.06	76.2	11.5	3	4.2	139.5	0.30	0.28	3.88	0.253	3.43	2.2
\$031911		8.4	113.0	<0.002	2.02	4.62	29.5	4	1.4	368	0.45	0.12	1.91	0.421	1.01	1.0
\$031912		15.6	80.6	0.022	1.95	7.50	24.8	4	1.7	309	0.40	0.08	1.82	0.393	0.83	0.9
\$031913 \$031914 \$031915 \$031916 \$031917		12.8 18.0 12.7 9.6 10.4	128.5 113.0 115.5 112.0 99.3	0.002 0.002 0.003 0.007 0.005	2.40 3.18 2.19 3.01 2.97	3.89 23.7 26.1 10.70 12.75	38.4 33.1 32.4 34.8 35.0	5 5 4 5 3	2.3 2.0 1.5 1.5	398 420 507 418 491	0.53 0.50 0.45 0.52 0.54	0.13 0.14 0.08 0.12 0.14	1.85 1.72 1.56 1.77 1.46	0.573 0.515 0.509 0.528 0.557	1.23 1.05 1.07 1.10 1.00	0.9 1.0 0.8 0.8 0.7
\$031918		14.2	95.5	<0.002	2.75	27.1	27.9	4	1.1	537	0.43	0.16	1.48	0.468	0.91	0.8
\$031919		14.5	95.7	0.015	3.02	21.6	31.3	5	1.2	473	0.50	0.10	1.40	0.529	1.05	0.8
\$031920		0.9	1.6	<0.002	0.02	0.22	0.5	1	<0.2	83.2	<0.05	<0.05	0.08	0.010	<0.02	0.1
\$031921		30.3	104.5	0.017	2.89	54.6	29.6	5	1.4	480	0.47	0.14	1.52	0.475	0.99	0.8
\$031922		30.3	107.5	0.035	2.88	45.7	26.9	4	1.3	552	0.56	0.13	1.75	0.480	1.12	0.9
S031923 S031924 S031925 S031926 S031926CD		89.6 234 177.0 89.1 93.6	92.7 103.0 74.6 111.5 113.5	0.068 0.178 0.065 0.094 0.095	1.48 2.07 1.02 1.96 1.91	105.0 80.9 86.1 61.0 65.2	17.9 21.9 14.9 24.4 26.5	3 5 3 4 4	0.9 1.4 0.7 1.2 1.2	652 608 704 823 808	0.37 0.44 0.21 0.37 0.35	0.09 0.18 0.10 0.17 0.11	1.92 2.05 0.86 1.40 1.36	0.318 0.451 0.213 0.341 0.321	0.82 1.41 0.62 0.88 0.88	1.0 1.0 0.5 0.7



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**CERTIFICATE OF ANALYSIS VA20229797** 

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											CATE OF ANALISIS	VAZUZZJIJI
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5		
\$031889 \$031890 \$031891 \$031892 \$031893		304 107 296 294 304	2.0 4.6 1.9 1.7	16.5 8.6 17.0 17.1 16.5	73 473 155 74 65	20.8 37.8 21.6 19.3 20.8		23.1 28.7 22.9 22.6 22.6	0.6 0.3 0.5 0.6	70 85 71 73 82		
\$031894 \$031895 \$031896 \$031897 \$031898		316 292 455 375 366	1.3 1.3 0.9 1.1 1.1	17.0 16.8 22.2 20.4 19.3	64 84 72 58 95	19.0 21.6 20.5 21.9 22.8		21.9 24.4 21.4 21.9 22.8	0.6 0.6 0.6 0.5 0.6	67 68 51 52 65		
\$031899 \$031900 \$031901 \$031902 \$031903		298 4 292 295 224	1.3 <0.1 1.9 4.4 0.9	16.9 2.3 16.0 14.1 13.4	79 3 74 381 46	23.4 1.6 22.5 15.9 24.8		23.1 2.9 23.5 23.0 26.2	0.6 0.1 0.5 0.4 0.3	71 9 68 50 58		
\$031904 \$031905 \$031906 \$031906CD \$031907		293 329 286 289 322	1.1 1.5 4.6 4.6 6.1	15.7 16.0 14.4 13.8 12.4	48 81 654 685 857	24.4 21.7 19.3 19.3 13.5		24.4 23.0 23.1 23.3 21.7	0.5 0.6 0.5 0.5	63 77 78 85 65		
\$031908 \$031909 \$031910 \$031911 \$031912		272 341 127 263 237	14.4 2.6 4.0 1.7 1.5	10.1 16.5 9.1 16.2 15.9	525 127 1820 61 47	14.3 19.2 41.6 26.5 27.4		21.8 22.6 28.7 25.2 26.9	0.5 0.5 0.3 0.5 0.4	75 60 79 72 66		
\$031913 \$031914 \$031915 \$031916 \$031917		371 319 322 334 344	1.9 3.9 1.9 1.4 1.3	19.6 16.2 14.9 17.0 17.1	51 67 64 60 65	24.5 19.9 19.5 19.4 18.2		23.2 22.7 20.7 22.7 22.7	0.6 0.5 0.5 0.6 0.6	70 71 68 72 68		
\$031918 \$031919 \$031920 \$031921 \$031922		300 328 5 296 280	2.3 1.7 <0.1 2.6 6.5	13.8 14.8 2.3 14.9 12.1	62 62 3 179 117	16.8 16.2 1.5 16.1 17.6		21.6 22.1 2.0 20.5 22.2	0.5 0.6 0.1 0.5 0.5	62 67 6 64 76		
\$031923 \$031924 \$031925 \$031926 \$031926CD		176 211 140 212 205	8.2 3850 13.2 11.2 19.8	17.0 15.4 11.1 19.1 19.8	89 666 539 245 250	21.1 22.5 6.0 11.1 13.1	410	22.2 22.7 27.8 20.2 20.6	0.4 0.5 0.2 0.3 0.4	59 88 41 51 61		



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(ALS)									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	29797	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61												
	Analyte	Recvd Wt.	Au	Ag	AI	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031927		5.12	0.121	2.52	6.52	70.7	600	0.98	0.32	6.59	11.20	18.00	19.0	13	5.18	172.5
\$031928		4.52	0.139	0.57	7.23	16.3	350	0.96	0.19	5.68	0.53	22.7	20.5	14	3.47	207
\$031929		4.58	0.135	0.54	7.57	9.5	460	0.99	0.20	5.98	1.54	22.0	19.2	14	1.52	274
\$031930		0.16	1.060	27.9	5.83	400	120	1.17	1.05	0.67	1.80	27.3	12.7	18	8.39	106.5
\$031931		5.82	0.161	0.48	8.12	20.7	360	1.26	0.28	5.01	0.57	22.9	21.6	12	5.69	131.0
\$031932		6.40	0.106	1.11	7.51	33.2	610	0.90	0.22	3.77	0.54	20.2	19.0	11	4.11	120.5
\$031933		6.52	0.110	1.15	7.61	23.6	550	0.93	0.27	3.43	0.76	21.5	21.3	9	3.47	103.0
\$031934		5.98	0.107	1.23	7.48	27.8	520	1.09	0.26	4.78	2.32	20.3	20.0	9	3.53	140.5
\$031935		7.22	0.087	4.70	7.64	41.5	730	1.16	0.33	5.63	5.89	20.5	19.7	9	2.83	250
\$031936		5.96	0.040	2.26	6.16	23.3	850	0.71	0.10	6.37	2.78	19.50	17.7	13	1.60	60.2
\$031937		5.38	0.050	4.85	7.45	20.9	890	0.99	0.16	5.92	1.47	22.3	18.3	9	2.52	98.5
\$031938		5.80	0.061	5.02	7.27	34.3	1140	1.08	0.16	5.08	3.95	20.8	15.8	10	2.39	146.0
\$031939		4.50	0.055	3.37	7.05	41.0	800	1.08	0.20	5.34	1.93	19.85	18.2	12	2.50	126.0
\$031940		0.96	<0.005	0.03	0.10	0.8	20	0.08	<0.01	31.3	0.03	1.08	1.4	2	0.05	2.8
\$031941		3.44	0.080	8.06	6.44	33.4	230	0.90	0.18	5.62	2.03	17.95	23.2	10	2.41	220
\$031942		3.58	0.503	14.10	5.92	87.1	170	0.72	0.33	4.88	7.53	19.05	45.6	15	2.01	394
\$031943		2.80	0.430	12.35	7.51	1050	1230	0.96	0.21	5.56	9.49	22.6	18.9	14	2.31	204
\$031944		3.22	0.256	3.28	7.38	69.5	140	1.17	0.28	6.83	1.71	19.75	30.0	9	2.28	142.0
\$031945		4.90	0.186	0.66	7.74	17.7	160	0.91	0.27	5.22	1.03	24.9	22.8	13	1.68	170.5
\$031946		5.14	0.391	0.53	8.12	16.1	540	0.92	0.14	4.07	1.16	24.8	20.3	12	2.94	135.5
S031946CD		<0.02	0.333	0.48	7.70	13.9	730	0.94	0.16	3.87	0.92	21.6	18.5	12	2.75	134.0
S031947		5.36	0.066	0.35	7.75	11.5	700	1.18	0.18	4.94	0.66	21.1	19.5	18	2.98	109.5
S031948		4.66	0.062	0.25	7.83	7.7	1820	1.04	0.14	3.89	0.25	22.8	15.3	15	2.42	68.0
S031949		4.90	0.090	0.27	7.85	9.6	1230	1.12	0.17	3.45	0.18	22.3	19.7	20	2.02	82.5
S031950		0.16	0.980	28.4	5.89	408	140	1.27	1.01	0.67	1.73	27.0	12.6	19	8.38	107.5



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20229797** 

Page: 4 - B Total # Pages: 4 (A - D) Plus Appendix Pages Finalized Date: 27-OCT-2020 Account: PREBOW

Sample Description	Method Analyte Units LOD	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
\$031927 \$031928 \$031929 \$031930 \$031931		5.43 6.34 5.89 4.38 5.87	14.55 16.70 16.85 12.65 17.30	0.17 0.19 0.17 0.13 0.23	0.6 0.9 0.9 0.9	0.112 0.117 0.117 0.039 0.096	3.33 3.74 3.31 2.68 4.78	9.5 11.5 11.5 13.4 12.3	10.5 20.4 26.3 9.4 21.8	2.04 2.72 2.72 0.38 2.14	1140 1280 1380 221 1020	6.34 1.85 4.34 4.72 3.38	0.42 1.73 2.46 0.19 1.54	6.3 8.0 8.2 5.4 9.8	7.4 8.7 9.1 13.3 6.9	2190 2440 2460 1270 2500
\$031932 \$031933 \$031934 \$031935 \$031936		5.39 5.19 5.81 5.84 4.94	17.10 17.00 15.95 16.15 12.10	0.21 0.21 0.21 0.21 0.21 0.17	0.7 0.7 0.6 0.7 0.6	0.082 0.080 0.087 0.089 0.059	5.13 4.78 4.53 4.66 3.43	9.9 10.8 10.4 10.8 10.5	18.4 18.5 13.2 6.3 4.2	2.09 1.84 2.16 2.18 2.21	814 769 918 1040 1280	2.42 1.99 2.50 2.65 2.48	1.44 1.75 1.16 0.64 0.83	9.6 9.5 9.1 8.9 7.6	6.5 6.1 6.5 6.2 5.9	2270 2110 2250 2260 1940
\$031937 \$031938 \$031939 \$031940 \$031941		5.24 5.04 4.96 0.12 6.45	13.80 14.45 15.45 0.31 14.00	0.23 0.22 0.20 0.20 0.18	0.5 0.5 0.9 <0.1 0.5	0.064 0.078 0.086 0.009 0.067	4.38 4.22 3.88 0.03 3.49	11.7 11.3 10.8 1.3 9.9	6.2 7.5 5.1 1.2 4.0	2.34 2.05 2.03 2.46 2.00	1110 945 990 139 1020	2.19 3.81 4.41 0.13 4.62	0.90 1.31 0.58 0.03 0.93	9.4 8.5 7.7 0.2 7.2	6.2 6.3 6.4 0.6 6.6	2120 1990 1870 80 1840
\$031942 \$031943 \$031944 \$031945 \$031946		11.10 4.69 7.11 7.23 5.84	16.80 15.00 17.25 15.75 17.75	0.20 0.18 0.17 0.19 0.18	0.6 0.5 0.7 0.9 0.8	0.089 0.081 0.078 0.105 0.095	3.08 4.23 3.56 3.42 4.92	11.1 12.4 10.5 12.6 12.5	2.7 2.6 10.7 18.6 42.0	1.56 1.75 2.09 2.58 2.70	906 988 952 1060 968	5.98 15.50 3.27 2.73 2.01	1.08 1.97 1.40 2.41 1.73	5.7 8.8 8.2 8.5 9.5	11.3 6.6 5.8 6.8 7.6	1470 2170 2020 2210 2210
S031946CD S031947 S031948 S031949 S031950		5.62 5.82 4.44 4.90 4.52	16.65 16.40 17.45 16.40 12.55	0.19 0.17 0.18 0.21 0.15	0.8 0.7 0.9 0.9	0.083 0.078 0.093 0.083 0.036	4.68 4.11 3.68 3.83 2.73	11.1 11.6 12.1 11.5 13.4	39.4 40.9 24.7 26.4 9.4	2.59 3.03 2.88 2.37 0.38	930 1070 861 712 227	1.72 5.65 1.01 18.40 4.81	1.68 1.32 2.09 2.22 0.19	8.9 7.3 8.2 8.3 5.4	7.1 8.2 7.4 8.4 13.6	2120 2050 1940 1890 1300



To: PRETIVM
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(ALS									С	ERTIFIC	CATE O	F ANAI	LYSIS	VA202	29797	
Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 TI ppm 0.02	ME-MS61 U ppm 0.1
\$031927 \$031928 \$031929 \$031930 \$031931		300 11.5 4.0 54.3 9.1	116.5 100.5 80.0 126.5 146.0	0.093 0.046 0.023 <0.002 0.029	2.63 3.15 2.72 4.11 3.16	53.0 13.80 7.91 36.1 18.80	34.7 42.8 40.5 13.7 37.2	6 6 4 5 3	1.4 1.8 2.0 1.9	590 607 424 131.0 445	0.38 0.46 0.51 0.33 0.58	0.16 0.12 0.14 0.27 0.20	1.32 1.43 1.49 2.60 1.86	0.462 0.598 0.603 0.292 0.554	0.94 0.87 0.64 2.27 1.14	0.6 0.8 0.8 1.0 0.9
\$031932 \$031933 \$031934 \$031935 \$031936		9.4 19.4 25.8 116.0 58.5	127.0 142.0 121.0 135.5 94.8	0.042 0.028 0.075 0.028 0.027	2.57 2.55 3.04 3.25 2.15	41.7 39.7 37.0 96.6 39.5	33.4 32.8 32.1 29.8 27.0	4 4 6 5 3	1.5 1.5 1.5 1.6 1.0	511 539 829 663 630	0.58 0.56 0.55 0.54 0.46	0.16 0.23 0.17 0.22 0.10	1.66 1.50 1.54 1.75 1.58	0.514 0.483 0.509 0.519 0.435	1.31 1.26 1.13 1.26 0.93	0.8 0.8 0.8 0.9
\$031937 \$031938 \$031939 \$031940 \$031941		37.5 57.7 71.3 0.6 56.8	128.5 119.0 117.0 0.9 98.3	0.025 0.015 0.033 <0.002 0.013	2.41 2.42 2.43 0.01 4.18	73.3 48.3 32.2 0.41 129.5	32.5 28.9 28.1 0.4 23.9	3 3 3 1 6	1.2 1.0 1.3 <0.2 1.4	773 682 624 78.1 507	0.52 0.48 0.43 <0.05 0.42	0.17 0.14 0.16 <0.05 0.22	1.78 1.67 1.67 0.07 1.44	0.505 0.455 0.466 0.007 0.409	1.13 1.14 0.99 <0.02 0.82	0.8 0.7 0.7 0.1 0.7
\$031942 \$031943 \$031944 \$031945 \$031946		201 223 37.4 21.0 12.4	85.3 106.0 108.0 89.8 131.0	0.041 0.046 0.016 0.018 0.016	9.91 2.38 5.25 4.88 2.79	248 152.0 50.6 6.09 14.00	23.1 32.1 26.1 30.9 29.8	19 5 8 8 6	2.0 1.8 2.1 2.4 1.7	467 638 466 378 397	0.34 0.52 0.48 0.50 0.58	0.47 0.20 0.21 0.22 0.16	1.23 1.69 1.49 1.68 1.57	0.372 0.547 0.465 0.528 0.539	0.88 1.01 0.87 0.83 1.33	0.8 0.9 0.7 0.9
S031946CD S031947 S031948 S031949 S031950		11.3 9.4 7.7 7.2 52.0	114.0 113.5 115.5 109.0 127.0	<0.002 0.023 <0.002 0.079 0.004	2.70 2.43 1.60 2.30 4.16	12.80 5.18 3.32 3.45 36.3	27.2 32.3 29.7 25.0 13.9	5 3 3 4 5	1.7 1.2 1.6 1.7 2.0	385 352 356 363 130.5	0.51 0.43 0.49 0.50 0.32	0.11 0.15 0.10 0.15 0.30	1.49 1.60 1.65 1.92 2.59	0.530 0.515 0.497 0.452 0.296	1.19 1.09 0.97 1.04 2.35	0.9 0.8 0.8 0.9 1.0



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(ALS									Cl	ERTIFIC	CATE OF ANALYSIS	VA20229797	
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5			
\$031927 \$031928 \$031929 \$031930 \$031931		320 394 376 139 351	19.8 3.5 3.0 2.5 3.8	13.8 18.0 18.7 8.3 17.8	861 78 110 195 70	9.9 16.3 18.1 27.2 19.4		21.5 20.7 21.8 31.1 22.3	0.5 0.6 0.6 0.4 0.6	49 71 69 79 67			
\$031932 \$031933 \$031934 \$031935 \$031936		308 277 303 302 224	7.5 13.7 22.4 20.3 28.3	14.3 14.6 12.7 13.1 11.4	64 76 187 427 201	15.5 14.6 12.6 13.2 13.5		22.4 23.6 21.0 20.5 22.5	0.6 0.6 0.5 0.5	70 76 75 69 64			
\$031937 \$031938 \$031939 \$031940 \$031941		277 273 275 3 245	18.1 21.3 21.2 0.2 26.2	13.3 11.8 11.7 2.1 11.3	117 284 142 4 136	13.7 12.8 19.7 1.4 12.3		21.1 22.1 21.5 4.5 21.5	0.5 0.5 0.5 <0.1 0.4	67 68 64 <5 57			
S031942 S031943 S031944 S031945 S031946		244 280 271 318 295	32.2 28.2 10.5 2.1 2.7	9.7 11.9 14.0 18.7 18.7	479 646 132 113 115	10.0 10.3 17.1 20.4 18.2		19.8 21.1 20.3 22.1 23.0	0.4 0.6 0.5 0.5	50 73 70 65 77			
S031946CD S031947 S031948 S031949 S031950		286 328 289 253 140	2.5 1.8 1.6 1.5 2.4	16.8 14.8 17.0 17.1 8.3	108 89 57 49 203	17.8 15.9 18.6 22.0 29.9		21.8 23.5 24.9 25.5 33.4	0.6 0.5 0.6 0.5 0.4	76 65 75 83 77			



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Project: Bowser Regional Project

CERTIFICATE OF ANALYSIS VA20229797

		CERTIFICATE COM	<b>IMENTS</b>								
Applies to Method:	REEs may not be totally sol ME-MS61		TICAL COMMENTS								
		LAROR	ATORY ADDRESSES								
	LABORATORY ADDRESSES  Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.										
Applies to Method:	Processed at ALS Vancouve Ag-OG62 CRU-QC ME-MS61 PUL-QC WEI-21	er located at 2103 Dollarton Hwy, No Au-AA23 LOG-21 ME-OG62 pXRF-34	BAG-01 LOG-21d PUL-32m SPL-21	CRU-31 LOG-23 PUL-32md SPL-21d							



ALS Canada Ltd.

2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

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This copy reported on 27-JAN-2021 Account: PREBOW

# VA20229798

Project: Bowser Regional Project

P.O. No.: BOW-1167

This report is for 39 Drill Core samples submitted to our lab in Vancouver, BC,

Canada on 9-OCT-2020.

The following have access to data associated with this certificate:

CHRISTINA ANSTEY LEANNE HAWKINS STEPHAINE WAFFORN	JEFF AUSTON COREY JAMES	SUSAN FLASHA JULIANNE MADSEN
5 1 E 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-32md	Pulverize 500g-DUP -85%<75um
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate

	ANALYTICAL PROCEDURE	S
ALS CODE	DESCRIPTION	INSTRUMENT
pXRF-34	pXRF - Si, Ti & Zr Add on Package	PXRF
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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SUITE 2300, FOUR BENTALL CENTRE
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Finalized Date: 25-OCT-2020
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(ALS)	,								С	ERTIFIC	CATE O	F ANAL	YSIS	VA202	29798	
Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
\$031951 \$031952 \$031953 \$031954 \$031955 \$031956		5.18 5.24 5.58 5.78 6.54 5.70	0.088 0.088 0.083 0.130 0.102	0.35 0.46 0.31 0.51 0.35	7.41 7.64 8.03 8.37 8.04	11.2 12.4 9.5 11.0 9.4	690 1050 1710 340 870	0.97 0.91 1.16 1.13 0.95	0.18 0.17 0.18 0.23 0.21	4.00 4.21 3.89 3.46 3.60	0.18 0.24 0.53 0.21 0.48	21.9 22.0 21.8 19.25 20.5	19.2 18.2 16.2 18.5 15.4	14 14 15 14 13	2.05 2.26 2.27 2.24 2.31 3.17	118.0 109.5 97.3 218 122.0
\$031957 \$031958 \$031959 \$031960		5.40 6.06 5.00 0.74 4.22	0.291 0.222 0.091 <0.005	0.51 0.36 0.28 0.01	7.05 7.56 7.78 0.09	21.6 7.5 11.9 <0.2	260 1750 1850 30 2110	1.07 1.21 1.16 0.07	0.51 0.17 0.20 0.02 0.17	4.63 3.07 2.17 33.1 2.30	3.20 0.21 0.08 0.04	18.35 17.55 18.60 1.01	21.8 17.1 13.2 0.7	10 16 19 1	2.37 2.05 2.40 0.07	119.0 94.9 88.3 2.8
S031962		2.68	0.371	0.87	8.02	7.8	1180	1.36	0.37	2.99	3.96	27.1	7.7	6	1.60	262
S031963		4.80	0.121	0.50	7.80	10.5	1290	1.15	0.24	2.88	4.77	21.7	13.6	21	1.39	122.0
S031964		3.92	0.076	0.52	7.49	8.8	1690	1.17	0.21	2.69	1.62	20.5	11.6	23	1.08	186.0
S031965		2.76	0.117	0.38	7.53	6.2	1590	1.00	0.15	2.35	0.53	24.6	13.1	20	1.01	140.5
S031966		5.80	0.043	0.28	7.54	6.9	2230	1.22	0.13	1.86	0.51	18.25	11.8	19	1.80	99.8
S031966CD		<0.02	0.043	0.31	7.88	6.2	2250	1.13	0.14	1.89	0.39	21.1	11.7	27	1.77	98.6
S031967		4.34	0.071	0.34	7.86	8.2	1450	1.33	0.15	2.08	0.81	18.00	15.6	21	1.62	121.0
S031968		2.40	0.041	0.24	7.79	6.4	1700	0.96	0.12	2.22	0.35	22.7	10.5	25	1.22	81.0
S031969		6.04	0.095	1.51	7.50	130.5	1220	1.12	0.18	3.64	3.62	21.7	14.3	20	3.20	127.5
\$031970		0.18	5.42	80.4	6.23	301	800	1.09	1.23	1.98	22.8	26.8	10.5	23	7.65	118.0
\$031971		4.80	0.116	1.65	6.61	30.0	680	0.78	0.54	9.82	1.70	21.5	21.2	10	1.82	204
\$031972		4.64	0.079	0.63	6.99	12.1	710	0.89	0.39	3.99	0.39	20.7	23.0	29	1.54	123.5
\$031973		5.46	0.255	0.53	6.98	165.5	990	1.07	0.29	3.77	0.51	20.5	14.0	41	2.12	177.0
\$031974		6.24	0.047	0.34	7.24	12.7	2050	1.30	0.14	2.59	0.29	26.4	13.6	31	3.04	151.0
\$031975		4.88	0.036	0.20	6.74	5.3	1800	1.16	0.11	2.04	0.27	28.2	7.5	23	2.06	60.7
\$031976		4.80	0.048	0.33	7.00	8.3	2360	1.29	0.17	3.00	0.55	22.7	13.0	32	2.83	122.0
\$031977		7.10	0.051	0.40	6.94	9.3	1940	1.03	0.21	3.84	0.82	16.35	15.3	21	3.20	133.5
\$031978		2.52	0.051	0.38	8.52	9.4	1340	1.21	0.22	5.91	0.66	18.75	19.1	11	5.42	138.5
\$031979		6.06	0.057	0.36	7.78	7.4	1970	1.15	0.13	2.44	0.36	23.4	17.1	21	2.20	135.5
\$031980		0.48	<0.005	0.02	0.09	0.4	30	0.09	0.01	32.8	0.02	0.93	0.6	1	0.05	3.7
\$031981		3.84	0.049	0.42	7.61	8.9	920	0.96	0.23	3.25	0.39	17.65	21.1	12	2.56	158.0
\$031982		4.04	0.117	0.42	7.94	12.4	690	1.05	0.30	4.86	0.28	20.4	22.0	13	2.99	130.5
\$031983		5.80	0.083	0.40	7.43	6.7	810	1.03	0.31	4.93	0.53	20.3	17.2	11	1.84	109.0
\$031984		5.10	0.039	0.35	7.36	10.1	2400	0.94	0.13	6.39	0.40	22.3	19.8	13	3.15	142.5
S031985		6.44	0.145	0.63	7.34	9.8	450	1.01	0.29	5.87	0.20	22.5	20.3	18	1.66	165.5
S031986		5.06	0.027	0.29	7.36	5.5	2460	1.11	0.12	2.78	0.15	17.90	11.3	20	2.04	128.0
S031986CD		<0.02	0.026	0.28	7.55	6.2	2490	1.20	0.13	2.80	0.18	19.15	11.4	21	2.09	129.0
S031987		3.92	0.037	0.39	7.22	11.7	1520	1.07	0.16	2.92	0.41	19.05	13.0	16	2.46	138.0



To: PRETIVM
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**CERTIFICATE OF ANALYSIS VA20229798** 

Page: 2 - B Total # Pages: 2 (A - D) Plus Appendix Pages Finalized Date: 25-OCT-2020 Account: PREBOW

Sample Description	Method	ME-MS61														
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
\$031951		5.37	16.70	0.07	0.7	0.075	3.41	10.8	29.1	2.53	821	5.29	1.95	7.7	8.3	1830
\$031952		5.16	17.00	0.09	0.7	0.080	3.63	10.4	32.9	2.55	826	7.10	2.05	8.1	7.0	1930
\$031953		4.76	17.05	0.09	0.7	0.075	4.14	10.4	32.4	2.32	763	7.29	1.85	8.3	7.3	1770
\$031954		6.37	18.15	0.09	0.8	0.085	4.17	8.7	31.4	2.36	811	10.95	2.00	7.9	8.2	1910
\$031955		4.77	16.55	0.08	0.7	0.092	4.39	9.5	35.9	2.45	807	8.80	2.03	8.7	6.6	2040
\$031956		5.04	18.55	0.10	0.7	0.104	4.50	10.4	36.8	2.40	850	8.00	1.84	9.2	7.1	2040
\$031957		5.62	15.15	0.13	0.7	0.123	3.53	7.9	26.3	1.77	717	15.90	1.95	7.9	7.1	1770
\$031958		5.05	18.00	0.14	0.6	0.067	2.75	7.5	43.6	2.73	782	9.23	2.31	9.8	9.9	2030
\$031959		4.50	17.65	0.17	0.7	0.034	3.31	9.2	49.7	2.31	578	16.65	1.88	10.7	12.9	1880
\$031960		0.13	0.36	0.11	<0.1	<0.005	0.03	1.2	1.7	2.06	130	0.27	0.03	0.2	0.4	80
\$031961		4.16	17.10	0.16	0.7	0.032	3.35	10.0	40.6	2.31	598	9.53	2.23	9.5	13.2	1570
\$031962		3.15	17.85	0.18	1.4	0.052	2.92	12.8	14.1	1.21	410	4.16	3.51	7.9	3.8	1310
\$031963		4.36	16.40	0.15	0.6	0.043	3.16	10.5	37.7	2.29	612	4.47	2.57	9.9	13.8	1520
\$031964		3.73	17.25	0.15	1.0	0.037	2.87	9.3	30.5	1.77	545	8.40	2.73	8.1	14.4	1390
\$031965		4.04	16.85	0.17	0.7	0.019	2.71	12.4	37.3	2.01	574	6.26	2.54	9.8	15.0	1630
\$031966		4.00	16.85	0.15	0.6	0.024	3.28	8.7	37.1	2.05	617	5.20	2.37	9.4	12.8	1610
\$031966CD		4.05	16.30	0.17	0.6	0.017	3.33	10.5	37.0	2.07	617	5.59	2.38	9.3	12.7	1580
\$031967		4.69	18.70	0.14	0.5	0.030	2.34	8.2	43.5	2.48	755	14.60	3.08	8.7	12.8	1500
\$031968		3.49	16.15	0.13	0.6	0.026	2.92	12.9	29.5	1.60	518	12.55	2.88	7.9	10.8	1270
\$031969		4.57	16.65	0.17	0.6	0.045	3.31	10.8	24.2	2.19	861	4.78	1.46	7.9	13.9	1560
\$031970		4.71	13.60	0.16	1.3	1.385	3.68	14.3	12.8	0.48	1200	9.82	0.23	5.6	16.5	940
\$031971		3.89	12.95	0.16	0.9	0.104	4.10	10.6	12.3	1.13	1920	10.15	1.67	8.7	8.1	2360
\$031972		4.71	17.55	0.14	0.9	0.074	3.29	10.2	24.0	1.78	1250	7.49	2.43	7.2	16.4	1620
\$031973		4.22	14.75	0.15	1.0	0.059	4.08	10.5	19.2	1.28	925	8.62	2.02	7.2	21.3	1090
\$031974		3.91	16.40	0.15	1.1	0.025	4.36	14.2	26.9	1.49	868	2.55	1.78	9.2	22.6	1430
\$031975		2.44	13.35	0.17	2.0	0.022	3.92	14.2	19.1	0.94	555	6.36	1.93	9.0	11.0	870
\$031976		3.53	15.65	0.17	1.1	0.037	5.06	11.5	23.8	1.14	1010	2.49	1.52	10.5	20.4	1460
\$031977		4.08	15.15	0.15	0.9	0.041	4.41	7.9	27.0	1.32	1080	5.00	1.50	10.9	12.5	1860
\$031978		5.53	17.45	0.17	0.9	0.056	4.39	9.5	40.1	2.02	1680	4.52	2.05	10.0	8.3	2350
\$031979		4.78	16.55	0.17	0.8	0.031	4.63	11.7	39.1	1.81	943	4.50	1.84	10.6	12.6	1970
\$031980		0.12	0.34	0.13	<0.1	<0.005	0.03	1.0	1.3	3.22	138	0.13	0.04	0.2	0.3	80
\$031981		5.13	16.30	0.15	0.8	0.049	4.72	8.3	34.3	1.78	981	4.35	2.10	10.9	8.6	2070
\$031982		5.47	17.25	0.15	0.8	0.062	4.68	10.6	37.8	1.96	1260	5.84	1.80	10.4	8.7	2300
\$031983		5.17	16.10	0.15	0.7	0.083	4.83	10.0	31.0	2.27	1480	4.03	1.67	10.1	8.0	2230
\$031984		6.40	16.40	0.14	0.8	0.073	3.52	11.2	46.9	3.16	2320	5.16	1.54	8.9	9.2	2330
\$031985		5.89	15.55	0.14	0.8	0.083	3.91	12.1	28.3	2.20	1640	3.70	2.09	9.8	13.5	2060
\$031986		4.02	16.20	0.13	1.0	0.021	4.86	8.5	23.0	1.41	767	5.22	2.23	13.0	13.1	1620
\$031986CD		4.02	16.75	0.16	1.0	0.023	4.90	9.5	23.8	1.45	779	4.40	2.21	12.8	13.6	1630
\$031987		3.69	16.20	0.19	0.8	0.026	3.67	9.5	15.9	1.06	668	4.75	2.83	12.2	10.7	1840



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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(ALS	,								С	ERTIFIC	CATE O	F ANAI	YSIS	VA202	29798	
Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	TI	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
\$031951		5.7	94.2	0.030	2.89	2.49	23.9	5	1.5	335	0.46	0.15	1.54	0.450	0.93	0.7
\$031952		6.2	100.5	0.047	2.57	2.60	27.5	4	1.5	365	0.47	0.22	1.52	0.489	0.97	0.7
\$031953		5.3	109.5	0.039	2.16	2.67	22.9	4	1.3	361	0.48	0.15	1.68	0.448	1.15	0.8
\$031954		6.0	119.0	0.055	3.64	3.08	26.5	7	1.8	393	0.48	0.19	1.45	0.498	1.02	0.7
\$031955		6.9	114.0	0.070	2.23	2.77	26.4	4	2.0	375	0.49	0.15	1.52	0.522	1.15	0.8
\$031956		8.8	133.0	0.067	2.51	2.79	28.9	4	1.9	375	0.54	0.17	1.48	0.523	1.21	0.7
\$031957		11.9	91.7	0.084	3.83	3.38	23.1	7	2.4	383	0.44	0.27	1.40	0.463	1.13	0.7
\$031958		5.1	57.5	0.053	1.65	2.50	22.0	3	1.5	402	0.53	0.13	1.14	0.516	0.92	0.6
\$031959		4.3	102.5	0.054	1.75	2.59	18.7	3	1.1	274	0.61	0.13	2.24	0.429	1.00	0.8
\$031960		<0.5	0.9	0.002	0.02	0.08	0.3	1	<0.2	82.0	<0.05	<0.05	0.07	0.007	<0.02	0.1
\$031961 \$031962 \$031963 \$031964 \$031965		5.2 36.8 15.0 13.0 12.4	92.5 80.3 82.5 62.4 65.9	0.034 0.018 0.032 0.041 0.028	1.62 2.48 2.12 1.94 1.79	2.62 2.01 1.93 2.22 2.47	16.3 14.1 17.1 15.9 14.1	4 5 4 4	1.1 1.7 1.2 1.7 1.4	375 420 437 327 308	0.58 0.46 0.56 0.48 0.57	0.09 0.40 0.14 0.10 0.11	1.90 3.12 2.32 2.18 2.33	0.406 0.409 0.414 0.398 0.398	1.08 0.79 0.98 0.82 0.73	0.7 1.5 0.8 0.9 0.9
S031966		8.6	79.6	0.027	1.50	2.28	14.5	4	1.2	415	0.52	0.09	1.74	0.393	0.99	0.6
S031966CD		8.6	88.6	0.032	1.50	2.19	14.8	4	1.1	417	0.54	0.09	2.10	0.393	0.93	0.7
S031967		7.7	55.0	0.094	1.94	3.06	24.2	4	1.2	444	0.47	0.11	1.37	0.437	0.74	0.6
S031968		7.7	67.5	0.086	1.57	2.25	13.2	3	1.0	347	0.46	0.07	1.88	0.347	0.76	0.8
S031969		18.0	110.0	0.050	2.09	29.6	19.8	4	1.1	487	0.43	0.12	1.75	0.400	0.95	0.7
\$031970		8920	151.5	0.004	3.05	78.0	11.6	3	4.3	145.5	0.33	0.30	3.81	0.259	3.31	2.0
\$031971		71.4	116.5	0.043	2.62	17.20	34.0	4	2.3	395	0.48	0.20	1.47	0.538	1.15	0.7
\$031972		31.0	95.8	0.042	2.75	2.81	26.5	4	1.8	282	0.40	0.13	1.75	0.415	0.94	0.8
\$031973		15.8	128.0	0.049	2.60	3.06	14.2	4	1.5	306	0.44	0.16	2.27	0.304	1.19	1.0
\$031974		8.3	143.5	0.022	1.52	2.48	17.6	2	0.9	341	0.54	0.12	3.01	0.352	1.35	1.2
\$031975		8.4	121.0	0.034	0.82	1.35	9.5	2	0.8	310	0.58	0.07	4.55	0.251	1.13	1.9
\$031976		10.2	112.0	0.013	1.31	2.04	15.3	3	1.1	359	0.62	0.09	2.79	0.345	1.45	1.2
\$031977		17.1	109.5	0.028	1.89	3.00	17.2	3	1.1	330	0.59	0.12	1.89	0.385	1.38	0.8
\$031978		10.2	158.0	0.028	2.70	2.60	27.7	3	1.8	405	0.51	0.14	1.57	0.510	1.24	0.6
\$031979		9.1	127.5	0.018	1.75	1.90	17.0	3	0.8	328	0.60	0.10	2.37	0.375	1.17	0.9
\$031980		0.8	1.0	<0.002	0.01	0.06	0.3	<1	<0.2	78.4	<0.05	<0.05	0.06	0.007	<0.02	0.1
\$031981		8.7	118.0	0.026	2.34	2.51	20.0	3	1.2	328	0.62	0.12	1.69	0.419	1.26	0.7
\$031982		12.1	148.0	0.047	2.70	3.45	22.6	3	1.4	355	0.57	0.21	1.92	0.440	1.28	0.8
\$031983		19.3	149.5	0.029	2.81	2.82	32.0	3	1.5	497	0.54	0.21	1.56	0.450	1.26	0.7
\$031984		8.3	101.0	0.056	1.74	2.42	37.1	2	1.1	379	0.45	0.07	1.34	0.479	0.87	0.5
S031985		15.0	109.5	0.029	3.14	2.08	29.8	4	1.5	433	0.52	0.25	1.84	0.440	1.03	0.8
S031986		6.0	84.9	0.027	1.63	1.53	13.1	2	0.9	364	0.74	0.07	2.06	0.378	1.24	0.8
S031986CD		5.8	99.4	0.021	1.60	1.58	14.3	3	0.9	360	0.72	0.09	2.36	0.376	1.26	0.9
S031987		7.2	106.0	0.015	2.12	3.35	15.6	3	1.1	383	0.67	0.08	1.89	0.384	0.99	0.7



To: PRETIVM
SUITE 2300, FOUR BENTALL CENTRE
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CERTIFICATE OF ANALYSIS VA20229798

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										EKTIFICATE OF ANALTSIS	VA20229796
Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	pXRF-34 Si % 0.5	pXRF-34 Ti % 0.1	pXRF-34 Zr ppm 5		
	202										
S031951 S031952		235 257	1.3 1.6	18.4 17.9	53 58	21.3 19.6	23.9 22.2	0.5 0.5	73 72		
S031952 S031953		218	1.6	16.7	68	21.6	24.9	0.5	72 74		
S031954		253	1.7	16.2	61	21.3	23.2	0.5	73		
S031955		262	2.0	16.9	74	19.4	23.7	0.6	85		
S031956		259	2.0	18.5	73	19.5	23.7	0.6	79		
S031950		223	1.7	16.7	309	22.1	22.4	0.5	68		
S031957 S031958		240	1.5	15.6	70	17.1	23.4	0.5	79		
S031959		180	1.6	16.8	52	21.3	25.6	0.5	94		
S031960		3	0.1	2.0	6	2.9	3.3	0.1	10		
S031961		170	1.3	16.8	51	19.5	25.2	0.5	95		
S031962		129	1.6	19.6	194	43.8	27.8	0.5	106		
S031963		185	1.4	18.0	251	19.0	24.9	0.4	99		
S031964		160	1.5	15.6	111	30.9	25.7	0.5	104		
S031965		151	1.4	18.6	63	19.4	27.9	0.4	109		
S031966		157	1.1	15.2	66	17.2	25.7	0.5	95		
S031966CD		157	1.2	16.5	62	17.2	25.5	0.5	99		
S031967		210	1.4	16.3	87	14.2	25.0	0.5	90		
S031968		144	1.5	15.4	46	18.8	27.6	0.4	85		
S031969		195	3.7	15.9	329	17.2	22.3	0.5	82		
S031970		123	4.4	9.0	1920	50.4	28.2	0.3	78		
S031971		319	6.9	20.8	181	24.8	18.2	0.6	65		
S031972		247	2.7	14.2	83	26.8	23.3	0.5	76		
S031973		143	2.8	12.8	90	29.7	24.1	0.4	88		
S031974		161	2.8	15.6	81	39.5	25.1	0.4	98		
S031975		88	2.6	16.3	59	66.2	31.2	0.4	139		
S031976		157	2.7	15.7	121	36.5	26.6	0.4	96		
S031977		202	4.1	13.8	143	27.2	23.4	0.5	71		
S031978		303	5.0	16.1	141	20.4	18.8	0.5	53		
S031979		193	2.1	14.8	107	24.2	25.0	0.5	79		
S031980		3	0.1	2.0	5	1.5	2.6	<0.1	8		
S031981		221	2.9	12.8	96	21.5	22.0	0.5	63		
S031982		262	3.7	14.7	95 105	20.9	19.2	0.5	62		
S031983		269 332	1.9	15.7	105	16.6	21.8	0.6	51 39		
S031984			3.5	20.5	145	17.0	18.4	0.5			
S031985		282	2.0	17.9	84	23.4	19.2	0.5	66		
S031986		180	1.8	13.4	73	31.2	23.6	0.4	87		
S031986CD		181	1.7	14.2	75	33.4	23.8	0.5	92		
S031987		175	4.2	14.1	63	24.5	25.3	0.5	86		



To: PRETIVM
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CERTIFICATE	OF ANALYSIS	VA20229798
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		CERTIFICATE OF ANA	L1313 VA20229790
	CERTIFICATE COMMI	ENTS	
	ANALYTIC	AL COMMENTS	
Applies to Method:	REEs may not be totally soluble in this method.  ME-MS61		
	LARORATO	DRY ADDRESSES	
	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North		
Applies to Method:	Au-AA23 BAG-01 LOG-21 LOG-21d PUL-32m PUL-32md SPL-21 SPL-21d	Vancouver, BC, Canada. CRU-31 LOG-23 PUL-QC WEI-21	CRU-QC ME-MS61 pXRF-34



Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Henry Maquire / Exploration Geologist	14/AUG/20-16/AUG/20	3	\$350.00		
, , , ,	19/SEP/20-19/SEP/20	1	\$350.00	<del></del>	
Mark Lee Creaghan / Exploration Geologist	24/SEP/20-02/OCT/20	8	\$350.00	\$2,800.00	
	23/AUG/20-31/AUG/20	9	\$350.00	\$3,150.00	
Andrew Flower / Exploration Geologist	01/SEP/20-04/SEP/20	4	\$350.00	· · ·	
	11/SEP/20-18/SEP/20	8	\$350.00	<del></del>	
Chad Niddery / Exploration Geologist	05/SEP/20-09/SEP/20	5	\$350.00		
Reid Simmonds / Exploration Geologist	20/SEP/20-27/SEP/20	8	\$350.00	· ' '	
Christopher Arsenault / Exploration Geologist	17/AUG/20-20/AUG/20	4	\$350.00	· · ·	
	01/SEP/20-01/SEP/20	1	\$350.00	· · ·	
Kaitlyn Gibson / Exploration Geologist	23/AUG/2020-30/AUG/20	8	\$325.00		
	10/SEP/20-10/SEP/20	1	\$325.00		
Spencer Waibel / Exploration Geologist	08/SEP/20-16/SEP/20	9	\$325.00		
Hailan Caranau / Cartarhairian	14/AUG/20-20/AUG/20	7	\$325.00		
Hailey Spooner / Geotechnician	15/AUG/20-16/AUG/20	2	\$250.00	· · · · · · · · · · · · · · · · · · ·	
Ryan Mullin / Geotechnician & Core Cutter	01/SEP/20-03/SEP/20	3	\$250.00 \$300.00		
	17/SEP/20-17/SEP/20 28/AUG/20-01/SEP/20	5			
Brock Duncan / Geotechnician			\$250.00	· · ·	
	19/AUG/20-22/AUG/20	4	\$250.00	' '	
	23/SEP/20-28/SEP/20	6	\$250.00		
Kara Ternes / Geotechnician	29/SEP/20-01/OCT/20 02/SEP/20-05/SEP20	3 4	\$250.00 \$275.00	·	
Raid Terries / Geotechnician	09/SEP/20-10/SEP/20	2	\$275.00	· · ·	
Nick Stewart / Geotechnician & Core Cutter	17/AUG/20-23/AUG/20	7	\$300.00		
Kevin McDonough / Geotechnician	10/SEP/20-13/SEP/20	4	\$265.00		
Reviii McDorlougii / Geotechincian	17/AUG/20-18/AUG/20	2	\$265.00	· · · · · · · · · · · · · · · · · · ·	
	24/AUG/20-27/AUG/20	4	\$265.00	·	
Jonathan Hanna / Geotechnician	21/AUG/20-25/AUG/20	3	\$250.00		
Johanna Flama / Geoteenmelan	26/SEP/20-29/SEP/20	4	\$250.00		
Hayley Houlden / Geotechnician & Core Cutter	30/AUG/20-05/SEP/20	7	\$250.00	' '	
Trayley Treataerry Georges Initiatives Gore Gatter	26/AUG/20-27/AUG/20	2	\$250.00		
	14/SEP/20-14/SEP/20	1	\$250.00		
	29/SEP/20-30/SEP/20	2	\$250.00	· · · · · · · · · · · · · · · · · · ·	
Brooklyn Hoekstra / Geotechnician & core Cutter	1 1	4	\$250.00	<del></del>	
Jared Moth / Geotechnician & Core Cutter	18/AUG/20-19/AUG/20	2	\$250.00	\$500.00	
	06/SEP/20-09/SEP/20	4	\$250.00	\$1,000.00	
	19/SEP/20-22/SEP/20	4	\$250.00	\$1,000.00	
Jing Cai / Geotechnician	06/SEP/20-09/SEP/20	4	\$265.00	\$1,060.00	
	11/SEP/20-14/SEP/20	4	\$265.00		
	21/AUG/2020-21/AUG/20	1	\$265.00		
Johnathan Robinson / Geotechnician	06/SEP/20-08/SEP-20	3	\$250.00	<del></del>	
	13/AUG/20-14/AUG/20	2	\$250.00	<del></del>	
	05/SEP/20-05/SEP/20	1	\$250.00	· · · · · · · · · · · · · · · · · · ·	
Jacob Littlejohn / Geotechnician & Core Cutter	24/AUG/20-28/AUG/20	5	\$265.00		
	15/SEP/20-20/SEP/20	6	\$265.00	· · ·	
	23/SEP/20-01/OCT/20	/	\$265.00	· · · · · · · · · · · · · · · · · · ·	
	02/OCT/20-02/OCT/20	2	\$265.00	· · · · · · · · · · · · · · · · · · ·	
Robert Dawson / Geotechnician & Core Cutter	13/AUG/20-16-AUG/20	4	\$250.00		
	12/SEP/20-13/SEP/20	2	\$250.00		
Conor Stewart / Geotechnician & Core Cutter	20/SEP/20-24/SEP/20 31/AUG/20-01/SEP/20	5 2	\$250.00 \$250.00		
Mark Chatten / Core Cutter	28/AUG/20-30/AUG/20	3	\$250.00		
Mark Chatter / Core Cutter	03/SEP/20-03/SEP/20	1	\$250.00		
	13/SEP/20-15/SEP/20	3	\$250.00	<del></del>	
	23/SEP/20-01/OCT/20	9	\$250.00	· · · · · · · · · · · · · · · · · · ·	
Lead Pad Builder	09/AUG/20-12/AUG/20	4	\$550.00		
Edd i dd Dalldol	12/AUG/20-15/AUG/20	4	\$550.00	· · ·	
	17/AUG/20-13/AUG/20 17/AUG/20-20/AUG/20	4	\$550.00	<del></del>	
	22/AUG/20-25/AUG/20	4	\$550.00		
	01/SEP/20-05/SEP/20	6	\$550.00	' '	
	16/SEP/20-19/SEP/20	4	\$550.00		
Pad Builder 1	09/AUG/20-12/AUG/20	4	\$550.00	· · ·	

		1			
	17/AUG/20-20/AUG/20	4	\$550.00	\$2,200.00	
	22/AUG/20-25/AUG/20	4	\$550.00	\$2,200.00	
	26/AUG/20-29/AUG/20	4	\$550.00	\$2,200.00	
	01/SEP/20-05/SEP/20	6	\$550.00	\$3,300.00	
Pad Builder 2	09/AUG/20-12/AUG/20	4	\$550.00	\$2,200.00	
	12/AUG/20-15/AUG/20	4	\$550.00	\$2,200.00	
	17/AUG/20-20/AUG/20	4	\$550.00	\$2,200.00	
	22/AUG/20-25/AUG/20	4	\$550.00	\$2,200.00	
	26/AUG/20-29/AUG/20	4	\$550.00	\$2,200.00	
	01/SEP/20-05/SEP/20	6	\$550.00	\$3,300.00	
Pad Builder 3	13/AUG/20-16/AUG/20	4	\$550.00	\$2,200.00	
Tad Ballaci 5	17/AUG/20-20/AUG/20	4	\$550.00	\$2,200.00	
	22/AUG/20-25/AUG/20	4	\$550.00	\$2,200.00	
	28/AUG/20-31/AUG/20	4	\$550.00	\$2,200.00	
	16/SEP/20-19/SEP/20	4	\$550.00	\$2,200.00	
Pad Builder 4	13/AUG/20-16/AUG/20	4	\$550.00	\$2,200.00	
rau bulluel 4	17/AUG/20-10/AUG/20 17/AUG/20-20/AUG/20	4	\$550.00	\$2,200.00	
		4	\$550.00	\$2,200.00	
	28/AUG/20-31/AUG/20				
	22/AUG/20-25/AUG/20	4	\$550.00	\$2,200.00	
	20/SEP/20-23/SEP/20	4	\$550.00	\$2,200.00	
	24/SEP/20-27/SEP/20	4	\$550.00	\$2,200.00	
Pad Builder 5	07/SEP/20-14/SEP/20	8 4	\$550.00 \$550.00	\$4,400.00	
rau Dulluei 3	13/AUG/20-16/AUG/20		\$550.00	\$2,200.00	
	17/AUG/20-20/AUG/20	4		\$2,200.00	
	22/AUG/20-25/AUG/20	4	\$550.00	\$2,200.00	
	28/AUG/20-31/AUG/20	4	\$550.00	\$2,200.00	
	20/SEP/20-23/SEP/20	4	\$550.00	\$2,200.00	
	24/SEP/20-27/SEP/20	4	\$550.00	\$2,200.00	
	07/SEP/20-14/SEP/20	8	\$550.00	\$4,400.00	
Pad Builder 6	13/AUG/20-16/AUG/20	4	\$550.00	\$2,200.00	
	17/AUG/20-20/AUG/20	4	\$550.00	\$2,200.00	
	22/AUG/20-25/AUG/20	4	\$550.00	\$2,200.00	
	20/SEP/20-23/SEP/20	4	\$550.00	\$2,200.00	
	24/SEP/20-27/SEP/20	4	\$550.00	\$2,200.00	
				\$2,200.00 \$4,400.00	
	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20	4 8	\$550.00 \$550.00	\$2,200.00 \$4,400.00 \$164,260.00	\$164,260.00
Office Studies	24/SEP/20-27/SEP/20	4 8	\$550.00 \$550.00 nclude field	\$2,200.00 \$4,400.00 \$164,260.00	\$164,260.00
Literature search	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20	4 8	\$550.00 \$550.00 <b>nclude field</b> \$0.00	\$2,200.00 \$4,400.00 \$164,260.00   days \$0.00	\$164,260.00
Literature search Database compilation	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20	4 8	\$550.00 \$550.00 <b>nclude field</b> \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00   days   \$0.00   \$0.00	\$164,260.00
Literature search Database compilation Computer modelling	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20	4 8	\$550.00 \$550.00 nclude field \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00   days   \$0.00   \$0.00	\$164,260.00
Literature search Database compilation Computer modelling Reprocessing of data	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20	4 8	\$550.00 \$550.00 <b>nclude field</b> \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00   days   \$0.00   \$0.00	\$164,260.00
Literature search Database compilation Computer modelling	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20	4 8	\$550.00 \$550.00 nclude field \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00   days   \$0.00   \$0.00	\$164,260.00
Literature search Database compilation Computer modelling Reprocessing of data	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20	4 8	\$550.00 \$550.00 nclude field \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00   <b>days</b>   \$0.00   \$0.00   \$0.00	\$164,260.00
Literature search Database compilation Computer modelling Reprocessing of data General research	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20 List Personnel (note - Office	4 8	\$550.00 \$550.00 nclude field \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00   <b>days</b>   \$0.00   \$0.00   \$0.00	\$164,260.00
Literature search  Database compilation  Computer modelling  Reprocessing of data  General research  Report preparation	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James	only, do not i	\$550.00 \$550.00 nclude field \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 <b>days</b> \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$164,260.00
Literature search  Database compilation  Computer modelling  Reprocessing of data  General research  Report preparation  Other (specify)	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James	only, do not i	\$550.00 \$550.00 nclude field \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 <b>days</b> \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$164,260.00 \$1,275.00
Literature search  Database compilation  Computer modelling  Reprocessing of data  General research  Report preparation  Other (specify)	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James	4 8 only, do not i	\$550.00 \$550.00 nclude field \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$425.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00	
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20 List Personnel (note - Office Corey James 01/30/2021 - 02/08/2021	4 8 only, do not i	\$550.00 \$550.00 nclude field \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00	
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20 List Personnel (note - Office Corey James 01/30/2021 - 02/08/2021	4 8 only, do not i	\$550.00 \$550.00 nclude field \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$425.00	\$2,200.00 \$4,400.00 \$164,260.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00	
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20 List Personnel (note - Office Corey James 01/30/2021 - 02/08/2021	4 8 only, do not i	\$550.00 \$550.00 solve field \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00	
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20 List Personnel (note - Office Corey James 01/30/2021 - 02/08/2021	4 8 only, do not i	\$550.00 \$550.00 \$550.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00	
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20 List Personnel (note - Office Corey James 01/30/2021 - 02/08/2021	4 8 only, do not i	\$550.00 \$550.00 \$550.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00	
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20 List Personnel (note - Office Corey James 01/30/2021 - 02/08/2021	4 8 only, do not i	\$550.00 \$550.00 \$550.00 \$0.00 \$0.00 \$0.00 \$0.00 \$425.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20 List Personnel (note - Office Corey James 01/30/2021 - 02/08/2021	4 8 only, do not i	\$550.00 \$550.00 \$550.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00	
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling Other (specify)	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20 List Personnel (note - Office Corey James 01/30/2021 - 02/08/2021	anly, do not i	\$550.00 \$550.00 \$550.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,275.00
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James 01/30/2021 - 02/08/2021  Line Kilometres / Enter total invoid	anly, do not i	\$550.00 \$550.00 \$550.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,275.00
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling Other (specify)  Remote Sensing Aerial photography	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James 01/30/2021 - 02/08/2021  Line Kilometres / Enter total invoid	anly, do not i	\$550.00 \$550.00 \$550.00  **nclude field \$0.00 \$0.00 \$0.00 \$0.00 \$425.00  \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,275.00
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling Other (specify)  Remote Sensing Aerial photography LANDSAT	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James 01/30/2021 - 02/08/2021  Line Kilometres / Enter total invoid	anly, do not i	\$550.00 \$550.00 \$550.00 \$0.00 \$0.00 \$0.00 \$0.00 \$425.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,275.00
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling Other (specify)  Remote Sensing Aerial photography LANDSAT	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James 01/30/2021 - 02/08/2021  Line Kilometres / Enter total invoid	anly, do not i	\$550.00 \$550.00 \$550.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,275.00
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling Other (specify)  Remote Sensing Aerial photography LANDSAT Other (specify)	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James 01/30/2021 - 02/08/2021  Line Kilometres / Enter total invoid	anly, do not i	\$550.00 \$550.00 \$550.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,275.00
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling Other (specify)  Remote Sensing Aerial photography LANDSAT Other (specify)  Ground Exploration Surveys	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James 01/30/2021 - 02/08/2021  Line Kilometres / Enter total invoid	anly, do not i	\$550.00 \$550.00 \$550.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,275.00
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling Other (specify)  Remote Sensing Aerial photography LANDSAT Other (specify)  Ground Exploration Surveys Geological mapping	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James 01/30/2021 - 02/08/2021  Line Kilometres / Enter total invoid	anly, do not i  3.0  ced amount  ced amount or lis	\$550.00 \$550.00 \$550.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,275.00
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling Other (specify)  Remote Sensing Aerial photography LANDSAT Other (specify)  Ground Exploration Surveys Geological mapping Regional	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James 01/30/2021 - 02/08/2021  Line Kilometres / Enter total invoid	and an	\$550.00 \$550.00 \$550.00  nclude field \$0.00 \$0.00 \$0.00 \$0.00 \$425.00  \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,275.00
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling Other (specify)  Remote Sensing Aerial photography LANDSAT Other (specify)  Ground Exploration Surveys  Geological mapping Regional Reconnaissance	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James 01/30/2021 - 02/08/2021  Line Kilometres / Enter total invoid	and the second should be a sho	\$550.00 \$550.00 \$550.00 \$0.00 \$0.00 \$0.00 \$0.00 \$425.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,275.00
Literature search Database compilation Computer modelling Reprocessing of data General research  Report preparation Other (specify)  Airborne Exploration Surveys Aeromagnetics Radiometrics Electromagnetics Gravity Digital terrain modelling Other (specify)  Remote Sensing Aerial photography LANDSAT Other (specify)  Ground Exploration Surveys  Geological mapping Regional	24/SEP/20-27/SEP/20 07/SEP/20-14/SEP/20  List Personnel (note - Office  Corey James 01/30/2021 - 02/08/2021  Line Kilometres / Enter total invoid	and the second should be a sho	\$550.00 \$550.00 \$550.00  nclude field \$0.00 \$0.00 \$0.00 \$0.00 \$425.00  \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,200.00 \$4,400.00 \$164,260.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,275.00 \$1,275.00 \$1,275.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,275.00

Ground geophysics	Line Kilometres / Enter total an	acunt invoiced list	norconnol		
Radiometrics	Line Kilometres / Enter total an	iount invoiced list	personnei		
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics	notal avandituras for your s	row in the field			
	note: expenditures for your ca should be captured above in a				
SP/AP/EP IP		Personner			
	field expenditures above				
AMT/CSAMT					
Resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					
Well logging	Define by total length				
Geophysical interpretation					
Petrophysics					
Other (specify)					
Coochemical Sumrevina	N	No.	Rate	\$0.00 Subtotal	\$0.00
Geochemical Surveying	Number of Samples	NO.	Kate	Subtotal	
Drill (cuttings, core, etc.)	See Appendix 3 & 4	4269	\$38.55	\$164,569.95	
Stream sediment			\$0.00	\$0.00	
Soil			\$0.00	\$0.00	
Rock			\$0.00	\$0.00	
Water			\$0.00	\$0.00	
Biogeochemistry			\$0.00	\$0.00	
Whole rock			\$0.00	\$0.00	
Petrology			\$0.00	\$0.00	
Other (specify)			\$0.00	\$0.00	
Other (specify)			φ0.00	\$164,569.95	\$164,569.95
Drilling	No. of Holes, Size of Core and Me	etres No.	Rate	Subtotal	\$10 <del>1</del> ,309.93
Diamond	16, HQ, 5409.06m	5409.1	\$128.30	\$693,982.40	
Reverse circulation (RC)	10, 11Q, 3403.00111	3703.1	\$0.00	\$0.00	
` '			\$0.00	\$0.00	
Rotary air blast (RAB)			\$0.00		
Other (specify)			\$0.00	\$693,982.40	\$693,982.40
Other Operations	Clarify	No.	Rate	Subtotal	
Trenching			\$0.00	\$0.00	
Bulk sampling			\$0.00	\$0.00	
Underground development			\$0.00	\$0.00	
Other (specify)			\$0.00		10.00
				\$0.00	\$0.00
	0.16				
Reclamation	Clarify	No.	Rate	Subtotal	
After drilling	Clarify	No.	\$0.00	Subtotal \$0.00	
After drilling Monitoring	Clarify	No.	\$0.00 \$0.00	\$0.00 \$0.00	
After drilling	Clarify	No.	\$0.00	\$0.00 \$0.00	
After drilling Monitoring	Clarify	No.	\$0.00 \$0.00	\$0.00 \$0.00	
After drilling Monitoring Other (specify)  Transportation		No.	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	
After drilling Monitoring Other (specify)	Clarify		\$0.00 \$0.00 \$0.00 <b>Rate</b>	\$0.00 \$0.00 \$0.00 \$0.00 \$ubtotal	
After drilling Monitoring Other (specify)  Transportation  Airfare Taxi	Roundtrip	No. 30.00	\$0.00 \$0.00 \$0.00 <b>Rate</b> \$645.55 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$ubtotal \$19,366.50 \$0.00	
After drilling Monitoring Other (specify)  Transportation  Airfare Taxi truck rental		No.	\$0.00 \$0.00 \$0.00 <b>Rate</b> \$645.55 \$0.00 \$1,575.00	\$0.00 \$0.00 \$0.00 \$0.00 \$19,366.50 \$0.00 \$1,575.00	
After drilling Monitoring Other (specify)  Transportation  Airfare Taxi truck rental kilometers	Roundtrip	No. 30.00	\$0.00 \$0.00 \$0.00 <b>Rate</b> \$645.55 \$0.00 \$1,575.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$19,366.50 \$0.00 \$1,575.00 \$0.00	
After drilling Monitoring Other (specify)  Transportation  Airfare Taxi truck rental kilometers ATV	Roundtrip	No. 30.00	\$0.00 \$0.00 \$0.00 <b>Rate</b> \$645.55 \$0.00 \$1,575.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$19,366.50 \$0.00 \$1,575.00 \$0.00 \$0.00	
After drilling Monitoring Other (specify)  Transportation  Airfare Taxi truck rental kilometers ATV fuel	Roundtrip	No. 30.00	\$0.00 \$0.00 \$0.00 <b>Rate</b> \$645.55 \$0.00 \$1,575.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
After drilling Monitoring Other (specify)  Transportation  Airfare Taxi truck rental kilometers ATV fuel Helicopter (hours)	Roundtrip  1 truck @ \$1575/mos	No. 30.00 1.00	\$0.00 \$0.00 \$0.00 <b>Rate</b> \$645.55 \$0.00 \$1,575.00 \$0.00 \$0.00 \$1,750.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$19,366.50 \$0.00 \$1,575.00 \$0.00 \$0.00 \$473,900.00	
After drilling Monitoring Other (specify)  Transportation  Airfare Taxi truck rental kilometers ATV fuel Helicopter (hours) Fuel (litres/hour)	Roundtrip	No. 30.00	\$0.00 \$0.00 \$0.00 <b>Rate</b> \$645.55 \$0.00 \$1,575.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
After drilling Monitoring Other (specify)  Transportation  Airfare Taxi truck rental kilometers ATV fuel Helicopter (hours)	Roundtrip  1 truck @ \$1575/mos	No. 30.00 1.00	\$0.00 \$0.00 \$0.00 <b>Rate</b> \$645.55 \$0.00 \$1,575.00 \$0.00 \$0.00 \$1,750.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$19,366.50 \$0.00 \$1,575.00 \$0.00 \$0.00 \$0.00 \$473,900.00 \$94,373.80	¢500 215 20
After drilling Monitoring Other (specify)  Transportation  Airfare Taxi truck rental kilometers ATV fuel Helicopter (hours) Fuel (litres/hour)	Roundtrip  1 truck @ \$1575/mos	No. 30.00 1.00	\$0.00 \$0.00 \$0.00 <b>Rate</b> \$645.55 \$0.00 \$1,575.00 \$0.00 \$0.00 \$1,750.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$19,366.50 \$0.00 \$1,575.00 \$0.00 \$0.00 \$473,900.00	\$589,215.30

Hotel			\$0.00	\$0.00	
Camp	\$25.00/day	447	\$25.00	\$11,175.00	
Meals	\$50.00/day	447	\$50.00	\$22,350.00	
				\$33,525.00	\$33,525.00
Miscellaneous					
Telephone			\$0.00	\$0.00	
Other (Specify)					
				\$0.00	\$0.00
<b>Equipment Rentals</b>					
Field Gear (Specify)			\$0.00	\$0.00	
Other (Specify)					
				\$0.00	\$0.00
Freight, rock samples					
	Truck Rental, Gasoline, Labour				
	\$450/day	35	\$450.00	\$15,750.00	
			\$0.00	\$0.00	
				\$15,750.00	\$15,750.00
TOTAL Expenditures					\$1,662,577.65



I, Corey A. James, of 7 Bluestone Road, Halifax, Nova Scotia, Canada, hereby certify that:

- 1. I am a graduate of Memorial University of Newfoundland with a B.Sc (Geological Sciences, 2017) and have practiced my profession continuously since graduation.
- 2. I have been employed in the geoscience industry since 2015, and have explored for gold and silver throughout Canada, with mid-size and junior mining companies.
- 3. I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the report, the omission to disclose which makes the technical report misleading.
- 4. I am an employee of Pretium Exploration Inc. I have been employed in exploration on behalf of Pretium Exploration Inc. since 2018.
- 5. I am an author of the report entitled; "Diamond Drilling Report on the 2020 Brucejack/ Snowfield Property Exploration Program" dated January 22, 2020. I worked on and supervised the work program reported on herein.

Dated at Halifax, Nova Scotia, this 29th day of January, 2021.

Respectfully submitted,

"Corey A. James" -signed

Corey A. James, B.Sc

### Field Geologist Credentials

## Christina Anstey

Memorial University of Newfoundland, Earth Sciences, B.Sc., 2012

### Chris Arsenault

Acadia University, Geology, B.Sc., 2014 Sir Sanford Fleming College, Earth Resources Technician Diploma, 2011

#### Jeff Auston

Carleton University, Geological and Earth Sciences, B.Sc., 2013 NAIT, Geological Technology (Exploration), Diploma, 2008

### Jessica Baldwin

Memorial University of Newfoundland, Earth Sciences, B.Sc., 2011

### Andrew Flower

St. Francis Xavier University, Geological Sciences, M.Sc., 2018 St. Francis Xavier University, Earth Sciences, B.Sc., 2016

### Kaitlyn Gibson

Harvard University, Earth and Planetary Sciences, B.Sc., 2017

### Corey James

Memorial University of Newfoundland, Earth Sciences, B.Sc. (Hons), 2017

### Henry Maguire

University of Calgary, Geology and Geophysics: Reservoir Characterization, M.Sc.,2018 Bloomsburg University, Geology, B.Sc., 2015

### Chad Niddery

Ohio State University, Geological Sciences, B.Sc, 2016

#### Reid Simmonds

University of Victoria, Earth Sciences, B.Sc., 2018

## Stephanie Wafforn

The University of Texas at Austin, Geological Sciences, Ph.D, 2017 Oregon State University, Geological Sciences, M.Sc, 2013 Queen's University, Geological Sciences, B.Sc Honours, 2011