





Ministry of Energy, Mines & Petroleum Resources Mining & Minerals Division BC Geological Survey

Assessment Report Title Page and Summary

YEAR OF WORK: 2018

TYPE OF REPORT [type of survey(s)]: Geological report on the Crine Property

SIGNATURE(S): John Buckel

TOTAL COST: 10575.49

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

AUTHOR(S): Luke Wasylyshn, John Buckle

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5733403

Recorded date 2019/MAR/07

PROPERTY NAME: Crine

CLAIM NAME(S) (on which the work was done): T WEST, T EAST, UM, CRINE OUT LOUD, KEY, EXTRA KEY, CRINE LINK,

UM EXTENSION, CRINE CAP, TP NORTH, TP SOUTH, CRINE CONNECT, UM TO KEY, LLEWELLYN, RACINE BLOCK

T, RACINE BAY, ST PAT

COMMODITIES SOUGHT:

MINING DIVISION: Atlin	NTS/BCGS: 104M/09, 104M/10						
LATITUDE: <u>59</u> ° <u>42</u> ' <u>36</u> " LONGITUDE: <u>134</u>	<sup>o</sup> <u>36</u> ' <u>40</u> " (at centre of work)						
OWNER(S):							
1) DeCoors Mining Corp.	_ 2)						
MAILING ADDRESS:							
6204-125th Street, Surrey, British Columbia, V3X 2E1							
OPERATOR(S) [who paid for the work]:							
1) DeCoors Mining Corp	2)						
MAILING ADDRESS:							
As above							

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude): Tutshi Lake, Stikine Terrane, Nisling Terrane, Cache Creek terrane, Llewellyn Fault, Laberge Group, Stuhini Group,

Boundary Ranges Metamorphic Suite, polymetallic quartz veins, antimonial quartz veins, shear zone, breccia,

galena, arsenopyrite, stibnite, chalcopyrite, gold, silver, antimony.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 13646, 13647, 16007, 16312, 17544, 22774 23304, 29032, 30750, 31925, 32003, 32039, 33342, 33917, 37229

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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			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for)			
Soil			
Silt			
Rock			10575.49
Other			
DRILLING (total metres; number of holes, size)			
Core		-	
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)/tr	ail		
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	10575.49

#### Event No. 5733403 and 5743775

## GEOLOGICAL REPORT IN THE CRINE PROPERTY, ATLIN MINING DIVISION, BRITISH COLUMBIA

Latitude:  $59^{\circ}$  42' 36", longitude:  $134^{\circ}$  36' 40", map sheets 104M/09 and 104M/10, Atlin Mining Division

For: DeCoors Mining Corp. 6204 – 125<sup>th</sup> Street, Surrey, British Columbia V3X 2E1



Frontispiece: DeCoors crew and camp dog Dakota at the Crine Property

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June 6, 2019

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#### **SUMMARY**

The Crine property is situated 54 kilometers west of the town of Atlin, British Columbia in the Boundary Ranges Metamorphic Suite. It is comprised of 19 mineral tenures totalling 6078 hectares centered at latitude 59° 42′ 36″ N and longitude 134° 36′ 40″ W on mapsheets 104M/09 and 104M/10, in the Atlin Mining Division.

The Atlin mining district has a rich history of exploration dating back to the early 20<sup>th</sup> century, when explorers flooded the area following the Klondike gold rush. Early exploration in the area led to the discovery of the Engineer Gold Mine and the mine at Ben-My-Chree, both situated near the southern end of Tagish Lake.

The Teepee Peak area, wherein the Crine property lies, first received attention in 1981 when Du Pont of Canada discovered anomalous gold values in regional stream sediment samples. Since that time several operators have conducted geophysical work, geochemical work, and limited drilling.

Several distinct types of mineralization have been discovered in the vicinity of Teepee Peak and the Crine property, including cobalt-gold skarn mineralization, gold-quartz veins, and antimonial quartz veins. Float samples collected in 2018 returned values as high as 21 g/ton gold, with >100 ppm silver and elevated lead and antimony. Known vein systems on the Crine property (the Crine Veins System) have produced similar results in the past.

The 2018 program confirmed the potential for additional mineralized veins on the property. Future work should be focused on highlighting areas of greatest potential by conducting broad sampling of various drainages surrounding Teepee Peak, soil sampling along contours surrounding the various drainages, and geological traverses across ridges above drainages.

#### **PROPERTY DESCRIPTION**

The Crine property is comprised of 19 mineral tenures totalling 6078 hectares centered at latitude 59° 42′ 36″ N and longitude 134° 36′ 40″ W on mapsheets 104M/09 and 104M/10. It is located approximately 54 kilometers west of the town of Atlin, British Columbia, and 142 kilometers south-southeast of Whitehorse, YT, in the Atlin Mining Division.

Claim Name	Tenure Number	Owner Name	Percent Ownership	Tenure Ty	Area (ha)
KEY	1049399	DECOORS MINING CORP.	100	Mineral	65.3593
TP NORTH	1051360	DECOORS MINING CORP.	100	Mineral	81.6825
CRINE 53	1066979	DECOORS MINING CORP.	100	Mineral	179.6993
CRINE LINK	1049542	DECOORS MINING CORP.	100	Mineral	277.6981
UM TO KEY	1053972	DECOORS MINING CORP.	100	Mineral	228.9328
ST PAT	1059396	DECOORS MINING CORP.	100	Mineral	506.1005
RACINE BLOCK	1059258	DECOORS MINING CORP.	100	Mineral	1208.426
T EAST	1043897	DECOORS MINING CORP.	100	Mineral	49.0211
RACINE BAY	1059303	DECOORS MINING CORP.	100	Mineral	146.926
UM	1043898	DECOORS MINING CORP.	100	Mineral	180.0161
UM EXTENTION	1049546	DECOORS MINING CORP.	100	Mineral	261.8292
EXTRA KEY	1049401	DECOORS MINING CORP.	100	Mineral	130.7361
LLEWLLYN	1059257	DECOORS MINING CORP.	100	Mineral	1553.096
CRINE CONNECT	1053970	DECOORS MINING CORP.	100	Mineral	98.0316
Т	1059302	DECOORS MINING CORP.	100	Mineral	114.3215
T WEST	1043896	DECOORS MINING CORP.	100	Mineral	65.3575
CRINE OUT LOUD	1049396	DECOORS MINING CORP.	100	Mineral	473.4668
TP SOUTH	1051361	DECOORS MINING CORP.	100	Mineral	196.1011
CRINE CAP	1051359	DECOORS MINING CORP.	100	Mineral	261.1473
Total					6077.949

 Table 1: Crine property mineral tenures.



Figure 1: Crine property map.

# Access and infrastructure

Access to the property is by helicopter from the town of Atlin, roughly 54 kilometers to the east of the property. Atlin provides adequate supplies for small exploration programs and has two fixed wing air bases and a helicopter base. Additional field supplies can be found in Whitehorse, Yukon Territory, which is a two-hour drive via B.C. highway 7 and Y.T. Highway 1 (the Alaska Highway). The Carcross-Skagway Highway is located 12 kilometers to the west of the property, although it does not provide for more convenient access. Atlin can be accessed from Whitehorse, which has regular flights to and from Vancouver.

Atlin and surrounding area has a climate typical of northern British Columbia, with short, mild summers and long, colder winters. Average temperatures are -12.8°C in January and 13.4°C in July. Atlin on average receives 200 millimeters of rain and 163 centimeters of snow each year, with most of the rain falling in late summer and early fall.

The property is characterized by alpine terrain consisting of steep sided cirques, peaks, ridges, and less steeply sloping talus and felsenmeer slopes. Claims extend into lower elevation valleys containing small streams and lakes and vegetated with small shrubs and alpine fir. Elevation ranges from 800 meters in near Fantail Lake in the eastern portion of the property to 2100 meters on the ridges surrounding Teepee Peak.

#### **EXPLORATION HISTORY**

The Tagish Lake area has an extensive history of exploration dating back as far as 1898 (Mihalynuk, 1999). Goldfields discovered in the Klondike in 1896 caused an influx of prospectors in the following years, with many making their way south to the Atlin Camp (Ashton, 1982). The subsequent demand for infrastructure in the area led engineers to survey a possible railway route along Tagish Lake. The engineers involved in the survey are credited with discovering goldbearing quartz veins on the southeast shore of Tagish Lake in 1899 (Mihalynuk, 1999). These veins were mined at the Engineer Gold Mine throughout the 20<sup>th</sup> century. In more recent years exploration in the area has revealed vein systems and skarn mineralization around Tagish Lake thought to be related to the Llewellyn Fault Zone.

The Engineer Gold Mine is focused along tertiary splay faults on the east side of the Llewellyn Fault Zone. The Crine property is located roughly 30 kilometers north of the Engineer Gold Mine, but the gold-silver and polymetallic mineralization on the property is also situated adjacent to the Llewellyn Fault Zone.

The Crine Vein System initial showing was reported to have been discovered by the British Columbia Geological Survey in the 1980's while mapping the eastern flank of Teepee Peak (Mihalynuk, 1999).

Teepee Peak first received attention in 1981 when Du Pont of Canada Ltd. undertook a regional stream sediment survey named the Kulta Survey. A gold stream sediment anomaly was detected on the northeast slope of Teepee Peak, and Du Pont subsequently staked three mineral claims covering the anomaly. No mineralization was found and a follow up soil geochemistry survey was recommended, and eventually the claims were allowed to lapse.

In 1983 Texaco Canada Resources Ltd. conducted geological mapping, prospecting, trenching, and sampling on the southwest slopes of Teepee Peak. No follow up work was recommended, but further general work in the area was recommended. The Texaco claims were kept in good standing and subsequently optioned to Cypress Gold Ltd under a joint venture agreement (Cuttle, 1989).

In 1988 work was carried out by Cypress Gold, followed by a drilling program in 1989. No written records of drilling results can be found at present for the 1989 drilling program, however physical evidence of drill holes can be identified from drilling in 1990. Reports from 1988 exploration indicate Cypress Gold and the B.C. Geological Survey identified a quartz vein hosting polymetallic and precious metals on the northeast side of Teepee Peak, named the Crine Vein (Cuttle, 1989).

The 1989 program included prospecting, soil sampling, ground magnetometer, CEM (Shootback), VLF-EM, and 13 diamond drill holes totalling 1371.69 meters. Diamond drilling consisted of NQ sized holes (TP-89-1 to TP-89-13), and as of 2014 Aspinall (2014) reports core is stored on site at 59° 42′ 58.7″ N and 134° 38′ 47.0″ W. In 1996 Westmin Resources Ltd. drilled a gold-cobalt zone in their Racine claims, reported as a 150 meter by 15 meter north-trending skarn zone. Drill results did not show significant down dip extension, and further work on the skarn zone was not recommended. Since 1996, the Teepee Peak region experienced several stages of lapsing and re-staking of claims.

In August of 2012 a three man crew conducted work on behalf of BCK including 94 soil and talus samples and additional rock samples. The purpose of this work was to locate all vein systems previously differentiated by Cypress Gold, however the project was only successful in identifying the Crine 1 Vein, the Quartz Zone, and the BX Zone. Numerous barren quartz veins were also noted on the property.

In 2016, DeCoors Mining Ltd. began acquiring the claims which currently comprise the Crine Property. Claims were briefly optioned to Gray Rock Resources in 2017, during which time DeCoors Mining conducted limited geological reconnaissance and ASTER image interpretation on Gray Rock Resource's behalf. The 2017 work did not produce significant results, although anomalous copper and gold values were noted at 519578mE and 6621830mN in soil samples using an XRF portable analyzer. Follow-up soil sampling was recommended in addition to geological mapping of the discovered quartz vein to uncover any relationship to the Llewellyn Fault Zone.

#### **GEOLOGICAL SETTING**

The Crine property lies within the Boundary Ranges Metamorphic Suite (Mihalynuk, 1999). These ranges are comprised of low-grade metamorphic rocks previously assigned to the Yukon Group (Christie, 1957), and later ascribed to the Boundary Ranges Metamorphic suite (Mihalynuk and Rouse 1988). The metamorphic suite forms a northwest trending belt of poly-deformed pre-Permian metasedimentary rocks bounded to the east by the Llewellyn Fault Zone (LFZ), and on the west by intrusive rocks of the Coast Belt. Protolith rocks have been identified as carbonaceous and calcareous sediments, volcanic tuffs or flows, to large bodies of gabbroic, dioritic, granodioritic, and granitic intrusives and ultramafites. The area has long been recognized as part of an anomalous antimony-arsenic province hosting significant gold occurrences. This is reflected by lithogeochemical and regional stream sediment survey data (Buckle, 2018). The stratigraphy consists of basal Upper Triassic Stuhini Group strata including Norian Carbonates, above which are lapilli ash tuffs and tuffites overlain by conglomerates and other sediments. The upper part consists of pyroxene-feldspar porphyry tuffs and breccias and feldspar-phyric tuffs.

Lower Jurassic Laberge Group rocks in the region consist of basal conglomerates grading upwards into arenites and mudstones of the Richthofen and Tanglefoot formations, with instances of dacitic tuffs from the Nordenskiold formation (Yukon Energy, Mines and Resources).

The oldest intrusive rocks in the area are Paleozioc to Triassic altered and deformed intrusive rocks that range from leuco-granite to quartz diorite. Triassic foliated granodiorite is followed by mid- to late Jurassic foliated porphyritic granodiorite to quartz monzonite, granite, and diorite, followed by Upper Cretaceous Coast Intrusives which are mainly biotite hornblende granites with lesser granodiorite, quartz monzonite, and diorite.

Mineralization is well known in the area. The Engineer Mine and Ben My Cree were both producers of gold and silver from quart-carbonate veins sparsely mineralized with tellurides and base metals. In both instances mineralized veins cut through Laberge Group sedimentary rocks.

## Property geology

East of Teepee Peak deformed intermediate to basic volcanic rocks have been mapped in detail by Cuttle (1989), which may be correlative with the foliated rhyolites. Regionally the foliated rhyolites at Skelly Lake resemble the resemble pyritic rhyolites of the Peninsula Mountain Suite, however when considering age and lithology the Skelly Lake rhyolite is most likely a precursor to the widespread early Eocene Sloko volcanic episode. Deformational fabrics can be attributed to movement on the Llewellyn Fault, located 1 kilometer to the northeast.

The predominant rock types on the Crine property can be categorized as chlorite-muscovitebiotite schist, with north-northwest striking schistosity and local tight chevron folding (Aspinall, 2014). Locally these rocks contain pyrrhotite and exhibit a rusty weathered surface. Horizons and lenses of limestone-marble were noted interfingering the clastic metasediments, and are most abundant in the western and southern areas of the property where sections up to 100 meters thick have been mapped.

Low grade metamorphic rocks in the Titshi Lake area previously belonging to the Yukon Group have been re-termed as the Boundary Ranges Metamorphic Suite by Mihalynuk and Rouse (1988). The predominant rock types in the vicinity of Teepee Peak as mapped and described by Mihalynuk are as follows (see map in figure 2):

**PPMa:** Chlorite-actinolite schists belonging to the Boundary Ranges Metamorphic suite. Plagioclase and quartz may comprise up to 50% of the rock resulting in mineral segregation and a green-white banded appearance. Biotite and rare garnet may be present as accessory minerals. Chlorite is generally fine but may be coarse and is oriented with well-developed schistosity. Actinolite is present as dark green acicular crystals 1-30 millimeters across.

**PPMb:** Biotite plagioclase quartz schists belonging to the Boundary Ranges Metamorphic Suite. Biotite is generally less than plagioclase less than quartz. Some nearly pure biotite layers up to 10 centimeters thick are common. Sparse garnet porphyroblasts have been observed, generally 1-3 millimeters across. Muscovite and actinolite may be subordinate phases. Biotite schists are well foliated with common folding in the foliation, outcrops are rusty, dark grey weathering.

**PPMg:** Graphitic schists and phyllites of the Boundary Ranges Metamorphic Suite. Poorly developed graphite and muscovite impart a silvery sheen to the rocks. Generally they form rubbly to blocky outcrops. May grade into PPMa and commonly contain calcareous interlayers. Quartz, chlorite, and feldspar content is variable, black graphitic foliations are diagnostic.

**uTs:** Stuhini Group volcanics. Protoliths are rhyolitic lapilli tuffs. Contacts are rarely exposed in the Tagish Lake area and are often faulted. Stratigraphy is thought to be argillites, volcanic wackes-arenites, followed by scoria-rich carbonate succeeded by heterolithic, lapilli tuffs, augite porphyry, pyroclastic breccias, and finally conglomerates.

**Mv:** Teepee Peak volcanics, previously included in the Upper Triassic Stuhini Group, however they are conspicuously more felsic, and the conglomerates and augite porphyries so common in

the Stuhini Group are absent, as are the epidote-chlorite alteration and folding displayed in the Stuhini rocks.

**KTTP:** Teepee Peak Stock. Medium grained granodiorite to tonalite. Near its northern contact it contains biotite 10%, hornblende 15%, quartz 30%, altered plagioclase 40%, potassium feldspar 5%. A chill margin exists on its eastern contact, hosts veins of pyrophyllite and 2% coarse molybdenite rosettes.

**JKh:** Hornblendite. Black hornblendites veined by epidote and feldspar. Intrude into and assimilate metamorphic rocks and hornfels them.



Figure 2:Geological map of Teepee Peak and Fantail Lake areas, from Mihalynuk, Currie, and Arksey (1988).

Intrusive rocks observed on the property by BCK in 2012 include:

- Fleshy quartz rhyolite with scattered cubes of pyrite, trending northeast at 070, dipping steeply and cutting schistosity of the country rock. One such dike was observed to be 5 meters thick.
- Composite dike or sill of cream fine grained rhyolite overlying biotite-feldspar porphyry,
   315/25°. One such sill/dike was observed to have an estimated thickness of 25 meters.
- Andesitic dikes

Rocks observed in the 2018 program are categorized as foliated siliceous argillite to massive chert with common quartz veining/sub-brecciation. Weathered rocks exhibited a porous and oxidized character with some instances of galena and pyrite. A roughly 3 meter wide rhyolite dike was observed cutting the argillitic rocks.

#### Mineralization

Three styles of mineralization exist within the Tagish Lake area including the Teepee gold-cobalt skarn, Bighorn, Red Rupert and Crine gold-bearing quartz veins, and the Lakefront antimony-silver veins.

Teepee Peak gold-bearing skarns occur within bands of carbonate or at their contact with chlorite-actinolite schists. Visible gold occurs in one trench at the Teepee Peak showing where an amphibole rich skarn has developed near a fold hinge. Intermediate to felsic dikes cut through the host rock lithologies, which are unconformably overlain by Teepee Peak volcanics.

The Crine vein is hosted within graphitic schists and phyllites (PPMg), and is a concordant 0.5-2.0 meter wide zone that locally displays a sheared and brecciated fabric. Sulphides include pyrite and arsenopyrite up to 15%. Historical anomalous soil samples discovered uphill from the Crine vein suggest the existence of more mineralized veins uphill. Polymetallic north-northwest trending quartz veins on the property feature elevated arsenic with associated gold, silver, copper, lead, and zinc (Aspinall, 2014). Instances of elevated cadmium have also been observed.

The majority of quartz vein systems observed on the property represent non—mineralizing events. Quartz vein systems are believed to be related to either the Llewellyn Fault and/or Eocene Sloko intrusive events associated with Teepee Peak (Aspinall, 2014).

Mineralized quartz vein systems include the Crine, BX Zone, and the Quartz Zone. Such veins contain visible or analytical amounts of galena, sphalerite, arsenopyrite, chalcopyrite and some variable grades of gold-silver.

Samples collected in 2018 of outcropping siliceous argillite containing quartz stringers and minor quartz brecciation contained no visible sulphides. Assays of these samples returned values between 6 ppb and 1091 ppb Au, 0.1 ppm and 15.5 ppm Ag, 4.2 ppm and 31.5 ppm Cu, 5.9 ppm

and 14.2 ppm Pb, and 15 ppm and 293 ppm Zn. Float samples containing some visible galena and pyrite mineralization in weathered chert and quartz vein material assayed between 9561 ppb and 21 g/ton Au, and >100.0 ppm Ag, with elevated lead, arsenic, and antimony.

#### 2018 WORK PROGRAM

In August of 2018 a four man field crew flew to the Crine property for a day of field work. Transportation was provided by Discovery Helicopters of Atlin, British Columbia. A total of eight rock samples were collected and submitted for analysis to Bureau Veritas in Whitehorse, Y.T.

Samples were collected from fresh outcrop when possible, for a total of six samples. Two float samples were collected from a hillside near the top of the cirque in the north portion of claim 1049396 on the basis that they could not have travelled a significant distance. Samples were placed in poly ore bags with unique sample identification tags and sealed with zip-ties to be transported back to Atlin, where they were described, logged, and submitted for analysis. At the laboratory, samples were subjected to aqua regia digest with ICP-MS finish for multi-element analysis (AQ200), and fire assay with ICP finish for gold (FA350-Ay). Samples with over-limit gold values were analyzed again with gravimetric finish (FA550-Au). Select values from assay results are listed in table 2, lab certificates are attached in the appendix section of this report.

#### Results

Samples collected consisted of silicified argillite and rhyolite. Argillitic samples were commonly brecciated and quartz-cemented, with common cross-cutting white quartz stringers. Float sample of highly altered/weathered argillite were identified containing oxides after sulphides and trace amounts of galena, pyrite, and copper oxides. Such samples tended to be porous and "rotten" from oxide weathering. Rhyolite samples were slightly silicified with minor oxide-stained fractures, taken from a single roughly three meter wide dike cutting through metasedimetary country rock.

Gold values range from 2 ppb to 21 g/ton. Two float samples of argillite with galena-arsenopyritepyrite bearing quartz produced the highest gold grades of 9561 ppb and 21 g/ton (samples 3876 and 3877). High gold values were associated with elevated silver, lead, arsenic, and slightly elevated copper and zinc. Antimony is significantly elevated in gold-rich float samples, with values of 337.9 ppm and 998.1 ppm, compared to an average value of 7.9 ppm for all other samples.

Sample	Analyte	Au	Мо	Cu	Pb	Zn	Ag	As	Au	Sb	Bi	Au
	Unit	РРВ	PPM	PPM	PPM	PPM	PPM	PPM	РРВ	PPM	PPM	GM/T
3523	Rock	2	0.7	2.7	13.4	53	0.1	4.9	1.9	0.3	0.2	
3871	Rock	1091	1	4.2	7.1	45	0.6	56.9	737.9	1	<0.1	
3872	Rock	26	0.5	5.2	7.4	62	0.2	20.7	51.3	1	<0.1	
3873	Rock	49	1	4.3	14.2	293	0.2	28.1	18.2	0.8	<0.1	
3874	Rock	327	1.5	31.5	42	23	15.5	9310.9	188.2	43	0.4	
3875	Rock	6	0.9	10.9	5.9	15	0.1	71.5	3	1.3	<0.1	
3876	Rock	9561	4.1	368.7	>10000.0	512	>100.0	>10000.0	9432.8	998.1	4.2	
3877	Rock	>10000	3.2	858.7	>10000.0	1467	>100.0	>10000.0	23335.1	337.9	3.9	21

Table 2: Select assay results from rock samples collected on the Crine Property, 2018.

Sample No.	Туре	Location		Lithology	Description	Mineralization	Alteration
3523	Outcrop	519758	6621133	Rhvolite	Fractured slightly silicified rhyolite.		Silicified,
0010	outorop	010700	0021100	iniyente			oxidized
					Foliated cherty argillite brecciated and		
3871	Outcrop	519587	6621618	Argillite	cemented/veined with quartz. No		
					sulphide mineralization.		
					Foliated cherty argillite brecciated and		
3872	Outcrop	519587	6621618	Argillite	cemented/veined with quartz. No		
					sulphide mineralization.		
					Foliated cherty argillite brecciated and		
3873	Outcrop	519587	6621618	Argillite	cemented/veined with quartz. No		
					sulphide mineralization.		
2074	Outoron	F10F9C	CC21C47	Chart (argillita	Brecciated grey chert, at times vuggy and		Oxidized
3874	Outcrop	219280	0021047	Chert/argilite	oxidized. No sulphide mineralization.		
3875	Outcrop	519586	6621647	Chert/argillite	Brecciated grey chert.		Silicified
					Porous silica leached quartz vein material	Trace Gn	Weathered,
3876	Float	519578	6621399	Argillite, vein	with some weathered out sulphides-		oxidized
					oxides and trace Gn.		
2077		F10F70	519578 6621399	Argillite, vein	Quartz brecciated grey chert. ~1% Gn and	1% Gn, trace Py	Weathered,
38//	Float	at 519578			trace Py.		oxidized

Table 3: Rock descriptions for samples collected on the Crine property, 2018.



Figure 3: Sample location map for samples collected on the Crine property, 2018.



Figure 4: Gold values for samples collected on the Crine property, 2018 (in ppb).



Figure 5: Silver values for samples collected on the Crine property, 2018 (in ppm).



Figure 6: Lead values for samples collected on the Crine property, 2018 (in ppm).

### CONCLUSION AND RECOMMENDATIONS

Previous operators and government surveys have uncovered three distinct types of mineralization in the vicinity of the Crine property. These include gold-cobalt bearing skarn deposits within bands of carbonates, gold-quartz veins containing galena, sphalerite, chalcopyrite and native gold such as at the Crine Vein, and antimonial veins containing stibnite, minor galena and crustiform quartz. Shear zones and altered/silicified rocks immediately adjacent to the Llewellyn Fault Zone are known to yield anomalous gold grades. Previous authors have also noted that mineralized and barren quartz veins may be related to Eocene Sloko intrusives.

The 2018 work program confirmed the existence of high grade gold mineralization on the Crine property in two float samples which also contained elevated antimony. Mineralization on the property, though encouraging, is sporadic. Broad work should be conducted on the property to highlight areas of interest for more in-depth surveys.

Future work should consist of B-horizon soil sampling along contours just below the ridges on claims 1049396 and 1051359, maintaining an elevation where soil has properly developed in the valleys. Prospecting traverses should be conducted along the ridges as an effective way to directly identify, sample, and measure structural details from any quartz veins. Additional sediment and float sampling should be conducted in the drainages on either side of all ridges. Such a program would provide help identify target areas for more in-depth second phase program.

#### REFERENCES

Aspinall, C. 2014. Petrographic observations on four rock samples from the Quartz Zone, Crine Quartz Vein System, Teepee Peak, Atlin Mining Division, British Columbia, Canada. Tenure 941734 at 59° 43' 53.2" N, 134° 40' 37" W, Map sheet 104M/10. For Blind Creek Resources Ltd, 610-1100 Melville St, Vancouver, B.C., Canada, V6E 4A6.

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YukonEnergy,MinesandResources.2015.http://www.geology.gov.yk.ca/whitehorsetrough.html

# STATEMENT OF QUALIFICATIONS

I, JOHN BUCKLE, do herby certify that: I am a consulting geologist with Geological Solutions. I am the author of this report, titled Geological Report on the Crine Property, Atlin Mining Division, British Columbia.

I further certify that:

- 1. I am a graduate of York University in Toronto (1980), and hold a B.Sc. degree.
- 2. I have been practicing my profession for the past 35 years, and have been active in the mining industry for the past 42 years.
- 3. This report is compiled from data obtained from DeCoors Mining Corp.
- 4. I am registered as a professional geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (Gephysics) #31027 and with the Association of Professional Engineers and Geoscientists of Ontario #0017.

John Budel

John Buckle, P.Geo.

**Geological Solutions** 

Dated this 23<sup>rd</sup> day of May, 2019

J. E. BUCKLE #31027 BRITISH SCL IMBIA SCL IMBIA

I, Luke Andrew Wasylyshyn, of 15412 Deer Run Drive, Calgary, Alberta, certify that:

- 1. I am a graduate of the University of Calgary (2017) and hold a B.Sc. in Geology.
- 2. I am a Geoscientist-In-Training with the Association of Professional Engineers and Geoscientists of Alberta No. 225568.

- 3. I have been employed in mineral exploration in British Columbia since 2011.
- I supervised and participated in the 2018 Crine field exploration program and am personally familiar with the geology of the Crine property and the work completed in 2018.
- 5. I have no personal interest in the Crine property.
- 6. I co-authored this report with John Buckle, P.Geo.

Dated this 23<sup>rd</sup> day of May, 2019

Luke Wasylyshyn

# STATEMENT OF COSTS

Personnel	Field Days	Days	Rate	Subtotal	Totals	
Luke Wasylyshyn, G.I.T.	15-Aug-18	1	\$ 500.00	\$ 500.00		
Matt Fraser	15-Aug-18	1	\$ 500.00	\$ 500.00		
Ryan Dix	15-Aug-18	1	\$ 400.00	\$ 400.00		
James Fraser	15-Aug-18	1	\$ 400.00	\$ 400.00		
					\$ 1,800.00	
Office Studies	Personnel					
Map Preparation	Ryan Dix	1	\$ 400.00	\$ 400.00		
Report Preparation	Luke Wasylyshyn	2	\$ 500.00	\$ 1,000.00		
					\$ 1,400.00	
Transportation						
Discovery Helicopters	Flight from Atlin			\$ 2,973.49		
Ford F-150	Transportation to Whitehorse	4	\$ 100.00	\$ 400.00		
Mobe/de-mobe	Travel to/from Whitehorse, 2 days	8 man days	\$ 1,800.00	\$ 1,800.00		
					\$ 5,173.49	
Miscellaneous						
Radio rental		4	\$ 10.00	\$ 40.00		
Room and board	Atlin hotel and food, 4 man crew x 3 days	12	\$ 150.00	\$ 1,800.00		
					\$ 1,840.00	
Lab analysis	Description	Units	Rate			
PRP 70-250	Sample preparation	8	\$ 7.20	\$ 57.60		
AQ 200	Aqua regia ICP-MS	8	\$ 15.75	\$ 126.00		
FA350-Au	Fire assay ICP	8	\$ 19.50	\$ 156.00		
FA550	Fire assay gravimetric	1	\$ 22.40	\$ 22.40		
					\$ 362.00	
Total					\$ 10,575.49	

		Client:	<b>DeCoors Mining Corp.</b> PO Box 31734 Whitehorse Yukon Y1A 6L3 Canada
BUREAU MINERAL LABORATORIES VERITAS Canada	www.bureauveritas.com/um	Submitted By:	Peter Burjoski
Bureau Veritas Commodities Canada Ltd. 9050 Shaughnessy St Vancouver British Colur PHONE (604) 253-3158	nbia V6P 6E5 Canada	Receiving Lab: Received: Report Date: Page:	Canada-Whitehorse September 05, 2018 January 16, 2019 1 of 3

#### CERTIFICATE OF ANALYSIS

None Given

50

**CLIENT JOB INFORMATION** 

Project:

Shipment ID: P.O. Number

DISP-PLP

DISP-RJT

Number of Samples:

SAMPLE DISPOSAL

#### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description		Test Wgt (g)	Report Status	Lab
PRP70-250	50	Crush, split and pulverize 250 g rock to 200 mesh	ı			WHI
SLBHP	50	Sort, label and box pulps				WHI
FA350-Au	50	50g Fire assay fusion Au by ICP-ES		50	Completed	VAN
EN002	50	Environmental disposal charge-Fire assay lead w	aste			VAN
AQ200	50	1:1:1 Aqua Regia digestion ICP-MS analysis		0.5	Completed	VAN
SHP01	50	Per sample shipping charges for branch shipmen	ts			VAN
FA550	2	Lead collection fire assay 50G fusion - Grav finis	h	50	Completed	VAN

WHI18000847.1

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Dispose of Pulp After 90 days

Dispose of Reject After 60 days

Invoice To:	DeCoors Mining Corp. PO Box 31734 Whitehorse Yukon Y1A 6L3 Canada	WARA OTO CERTA
CC:	Luke Wasylyshyn Matt Fraser John Buckle Ryan Dix	Harris Han Barris Han
This report supercode	a all provide a proliminant and final reports with this file number dated prior to the	date on this partificate. Cignature indicates final annexals proliminant sense to an indicate and should be used for reference only

ADDITIONAL COMMENTS

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only All results are considered the confidential property of the client. Bureau Vertas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. \*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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CERTI	FICATE OF AN	JALY	′SIS													W	HI18	3000	847	.1	
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	Method	WGHT	FA350	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	NI	Co	Mn	Fe %	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca %
	MDL	0.01	2 2	0.1	0,1	0.1	ррлі 1	0.1	0,1	0,1	рри 1	0.01	0,5	0,5	0.1	рри 1	0,1	0,1	0.1	рріп 1	0.01
003523	Rock	0.96	2	0.7	2.7	13.4	53	0.1	1.6	0.4	255	0.40	4.9	1.9	4.4	9	0.8	0.3	0.2	<1	0.12
003871	Rock	0.77	1091	1.0	4.2	7.1	45	0.6	12.7	1.7	292	0.58	56.9	737.9	0.7	3	0.8	1.0	<0.1	4	0.02
003872	Rock	0.72	26	0.5	5.2	7.4	62	0.2	18.5	3.2	452	0.39	20.7	51.3	0.6	3	1.8	1.0	<0.1	3	0.01
003873	Rock	1.69	49	1.0	4.3	14.2	293	0.2	81.6	2.5	1271	0.46	28.1	18.2	0.9	9	6.4	0.8	<0.1	5	0.15
003874	Rock	1.34	327	1.5	31.5	42.0	23	15.5	8.1	1.5	57	1.63	9310.9	188.2	1.1	9	0.4	43.0	0.4	8	0.02
003875	Rock	1.24	6	0.9	10.9	5.9	15	0.1	3.5	0.4	52	0.94	71.5	3.0	0.7	4	<0.1	1.3	<0.1	7	0.01
003876	Rock	1.15	9561	4.1	368.7	>10000	512	>100	0.9	3.2	43	4.40	>10000	9432.8	0.5	28	19.7	998.1	4.2	3	0.01
003877	Rock	0.60	>10000	3.2	858.7	>10000	1467	>100	1.1	1.8	39	3.70	>10000	23335.1	0.2	8	33.2	337.9	3.9	2	<0.01
003520	Rock	0.90	76	1.3	186.1	50.5	46	1.5	44.3	32.7	269	3.60	48.8	48.3	0.1	6	0.2	1.6	0.2	75	0.63
003521	Rock	3.00	3	0.4	96.0	6.2	19	0.2	63.9	30.2	312	2.85	11.9	2.3	<0.1	9	<0.1	0.2	<0.1	69	1.11
003524	Rock	1.61	<2	<0.1	11.0	0.9	21	0.1	1/52.5	81.8	531	4.12	59.1	<0.5	<0.1	1	<0.1	0.4	<0.1	31	0.06
003882	Rock	1.49	<2	<0.1	90.4	1.2	20	<0.1	12.0	17.2	266	2.19	7.1	<0.5	<0.1	10	<0.1	0.2	<0.1	40	0.99
003884	Rock	1.92	<2	0.2	79.9	3.1	21	0.1	32.5	23.6	396	2.10	3.8	2.1	0.1	20	<0.1	0.2	<0.1	60	2.61
003885	Rock	1.47	6	0.1	10.0	3.3	54	<0.1	155.3	34.5	1615	5.28	1.5	1.1	<0.1	295	0.2	<0.1	<0.1	213	12.35
003886	Rock	1.34	4	0.2	2.5	5.4	6	0.5	3.8	0.6	134	0.41	69.6	2.4	<0.1	3	0.3	0.4	<0.1	2	0.09
003887	Rock	1.47	<2	<0.1	7.9	1.0	6	<0.1	1623.5	87.8	523	3.88	45.0	3.6	<0.1	3	<0.1	0.1	<0.1	20	0.23
003888	Rock	2.05	<2	<0.1	11.2	0.9	20	<0.1	1750.3	83.5	397	4.30	12.5	1.7	<0.1	4	<0.1	0.2	<0.1	29	0.18
003515	Rock	3.84	6	5.2	91.7	14.7	168	0.4	95.8	34.9	531	4.91	<0.5	2.1	3.1	14	0.3	0.5	0.2	156	0.53
003516	Rock	1.04	4	0.2	77.4	4.1	74	0.2	32.7	7.2	132	1.95	1.9	2.2	4.2	2	<0.1	0.3	0.1	18	0.01
003517	Rock	3.93	<2	0.5	1.8	1.5	3	<0.1	3.0	0.5	113	0.49	1.3	<0.5	<0.1	2	<0.1	<0.1	<0.1	<1	0.05
003518	Rock	1.28	7	74.0	10.5	12.0	6	0.4	10.7	3.6	31	1.79	9.2	6.3	2.3	2	0.1	0.2	0.3	4	<0.01
003861	Rock	2.25	<2	0.9	149.0	8.5	38	0.3	21.1	4.6	148	1.34	6.6	1.8	1.7	5	0.1	0.4	0.3	17	0.05
003878	Rock	1.34	10	0.6	43.6	18.8	54	0.3	56.1	15.0	1541	4.44	48.5	2.5	0.7	837	0.3	18.1	<0.1	36	8.25
003879	Rock	0.92	8	0.6	43.6	9.9	37	0.3	63.8	15.8	1301	4.43	58.3	4.0	0.8	626	0.1	12.5	<0.1	40	6.67
003880	Rock	0.61	<2	5.3	1.8	10.5	24	<0.1	2.6	3.8	1960	4.20	0.9	<0.5	5.4	231	<0.1	0.3	<0.1	9	15.62
003881	Rock	0.89	42	1.6	0.1 344 7	8.1 6774 7	34 12	<0.1 66.1	52.6	2.9	105	1.74	1.9	573.5	8.1	108	<0.1	10.9	<u.1 87.0</u.1 	10	3.20
003862	Rock	5.35	67	0.2	5.4	5624.9	12	31.8	50.4	2.7	81	0.52	40.9 56.8	27.7	<0.2	10	9.7	4 1	51.5	1	0.40
003863	Rock	0.77	<2	<0.1	1 1	24.8	4	0.2	1.8	0.3	37	0.24	2.0	11	<0.1	70	0.1	0.1	0.8	<1	4 84

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CERTIF	FICATE OF AN	JALY	′SIS													W	HI18	3000	847	.1	
	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	FA550	
	Analyte	Р	La	Cr	Mg	Ва	Ті	в	AI	Na	к	w	Hg	Sc	ті	s	Ga	Se	Те	Au	
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.9	
003523	Rock	0.004	12	2	0.02	49	< 0.001	<20	0.23	0.120	0.06	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2		
003871	Rock	0.002	4	3	0.02	67	<0.001	<20	0.24	0.004	0.16	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2		
003872	Rock	0.004	5	3	0.02	67	<0.001	<20	0.18	0.005	0.12	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2		
003873	Rock	0.002	8	4	0.03	75	<0.001	<20	0.25	0.005	0.16	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2		
003874	Rock	0.009	3	4	0.08	68	0.003	<20	0.44	0.012	0.16	<0.1	<0.01	1.6	<0.1	0.29	2	3.3	<0.2		
003875	Rock	0.003	3	4	0.05	51	0.002	<20	0.34	0.002	0.11	<0.1	<0.01	0.9	<0.1	<0.05	1	0.5	<0.2		
003876	Rock	0.005	1	2	<0.01	48	<0.001	<20	0.15	0.003	0.12	<0.1	0.25	0.4	<0.1	1.79	1	6.2	<0.2		
003877	Rock	0.003	<1	2	<0.01	47	<0.001	<20	0.10	0.004	0.08	<0.1	0.19	0.3	<0.1	1.64	<1	4.4	0.3	21.0	
003520	Rock	0.047	1	25	0.87	18	0.144	<20	1.03	0.099	0.03	0.2	<0.01	4.8	<0.1	1.06	4	1.2	<0.2		
003521	ROCK	0.048	<1	51	0.88	10	0.286	<20	1.10	0.188	0.04	<0.1	<0.01	6.6	<0.1	0.72	3	0.9	<0.2		
003524	Rock	0.001	<1	999	15.89	907	0.004	<20	1.60	0.002	<0.01	<0.1	<0.01	8.0	<0.1	<0.05	2	<0.5	<0.2		
003002	Rock	0.010	-1	42	0.72	127	0.104	<20	1.09	0.037	0.30	-0.1	<0.01	2.0	0.1	<0.05		<0.5	<0.2		
003884	Rock	0.024	<1	23	0.73	48	0.127	<20	0.87	0.043	0.30	0.2	<0.01	4.5	<0.1	0.12	3	0.9	<0.2		
003885	Rock	0.037	<1	186	5.02	250	0.243	<20	4.35	0.004	0.63	0.1	<0.01	22.9	0.9	<0.40	11	<0.5	<0.2		
003886	Rock	<0.001	<1	3	0.03	6	0.002	<20	0.03	0.001	0.02	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2		
003887	Rock	0.002	<1	1249	10.68	2	0.002	<20	0.33	< 0.001	< 0.01	0.1	< 0.01	9.8	<0.1	0.10	<1	<0.5	<0.2		
003888	Rock	< 0.001	<1	1457	15.56	11	0.005	<20	0.94	0.001	<0.01	<0.1	< 0.01	9.3	<0.1	<0.05	5	<0.5	<0.2		
003515	Rock	0.118	11	135	2.90	244	0.442	<20	2.97	0.045	1.09	<0.1	0.01	12.2	0.5	1.99	14	1.6	<0.2		
003516	Rock	0.010	11	15	0.81	654	0.062	<20	1.13	0.012	0.69	0.1	0.01	1.9	0.6	0.85	3	1.8	<0.2		
003517	Rock	0.003	<1	3	0.01	17	0.002	<20	0.02	0.003	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
003518	Rock	0.008	4	4	0.03	127	0.004	<20	0.15	0.013	0.09	0.4	<0.01	0.6	<0.1	1.34	<1	3.3	0.2		
003861	Rock	0.015	6	9	0.59	398	0.065	<20	0.82	0.020	0.40	<0.1	<0.01	2.4	0.2	<0.05	3	<0.5	<0.2		
003878	Rock	0.051	7	37	2.51	54	0.001	<20	0.41	0.030	0.21	<0.1	0.03	16.4	0.1	0.11	<1	0.7	<0.2		
003879	Rock	0.063	8	46	1.94	73	0.002	<20	0.59	0.034	0.22	<0.1	0.05	13.3	0.1	<0.05	2	<0.5	<0.2		
003880	Rock	0.031	13	3	0.60	145	<0.001	<20	0.49	0.016	0.19	<0.1	<0.01	1.6	<0.1	<0.05	<1	<0.5	<0.2		
003881	Rock	0.048	20	4	0.57	106	<0.001	<20	0.52	0.039	0.29	<0.1	0.03	2.2	<0.1	<0.05	1	<0.5	<0.2		
003519	Rock	<0.001	<1	8	0.23	8	<0.001	<20	0.03	0.002	0.02	<0.1	0.08	0.4	<0.1	0.13	<1	16.8	6.7		
003862	Rock	<0.001	<1	14	0.60	5	<0.001	<20	0.03	0.003	0.02	<0.1	<0.01	0.4	<0.1	0.09	<1	8.6	1.6		
003863	Rock	0.005	<1	2	0.03	44	<0.001	<20	<0.01	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	I	

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CERTIF	FICATE OF AN	JALY	′SIS													W	HI18	3000	847	.1	
	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	FA550	
	Analyte	Р	La	Cr	Mg	Ва	Ті	в	AI	Na	к	w	Hg	Sc	ті	s	Ga	Se	Те	Au	
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.9	
003523	Rock	0.004	12	2	0.02	49	< 0.001	<20	0.23	0.120	0.06	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2		
003871	Rock	0.002	4	3	0.02	67	<0.001	<20	0.24	0.004	0.16	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2		
003872	Rock	0.004	5	3	0.02	67	<0.001	<20	0.18	0.005	0.12	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2		
003873	Rock	0.002	8	4	0.03	75	<0.001	<20	0.25	0.005	0.16	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2		
003874	Rock	0.009	3	4	0.08	68	0.003	<20	0.44	0.012	0.16	<0.1	<0.01	1.6	<0.1	0.29	2	3.3	<0.2		
003875	Rock	0.003	3	4	0.05	51	0.002	<20	0.34	0.002	0.11	<0.1	<0.01	0.9	<0.1	<0.05	1	0.5	<0.2		
003876	Rock	0.005	1	2	<0.01	48	<0.001	<20	0.15	0.003	0.12	<0.1	0.25	0.4	<0.1	1.79	1	6.2	<0.2		
003877	Rock	0.003	<1	2	<0.01	47	<0.001	<20	0.10	0.004	0.08	<0.1	0.19	0.3	<0.1	1.64	<1	4.4	0.3	21.0	
003520	Rock	0.047	1	25	0.87	18	0.144	<20	1.03	0.099	0.03	0.2	<0.01	4.8	<0.1	1.06	4	1.2	<0.2		
003521	Rock	0.048	<1	51	0.88	10	0.286	<20	1.10	0.188	0.04	<0.1	<0.01	6.6	<0.1	0.72	3	0.9	<0.2		
003524	Rock	0.001	<1	999	15.89	907	0.004	<20	1.60	0.002	<0.01	<0.1	<0.01	8.0	<0.1	<0.05	2	<0.5	<0.2		
003002	Rock	0.010	-1	42	0.72	127	0.104	<20	1.09	0.037	0.30	-0.1	<0.01	2.0	0.1	<0.05	5	<0.5	<0.2		
003884	Rock	0.024	<1	23	0.73	48	0.127	<20	0.87	0.043	0.30	0.2	<0.01	4.5	<0.1	0.12	3	0.9	<0.2		
003885	Rock	0.037	<1	186	5.02	250	0.243	<20	4.35	0.004	0.63	0.1	<0.01	22.9	0.9	<0.40	11	<0.5	<0.2		
003886	Rock	<0.001	<1	3	0.03	6	0.002	<20	0.03	0.001	0.02	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2		
003887	Rock	0.002	<1	1249	10.68	2	0.002	<20	0.33	< 0.001	< 0.01	0.1	< 0.01	9.8	<0.1	0.10	<1	<0.5	<0.2		
003888	Rock	< 0.001	<1	1457	15.56	11	0.005	<20	0.94	0.001	<0.01	<0.1	< 0.01	9.3	<0.1	<0.05	5	<0.5	<0.2		
003515	Rock	0.118	11	135	2.90	244	0.442	<20	2.97	0.045	1.09	<0.1	0.01	12.2	0.5	1.99	14	1.6	<0.2		
003516	Rock	0.010	11	15	0.81	654	0.062	<20	1.13	0.012	0.69	0.1	0.01	1.9	0.6	0.85	3	1.8	<0.2		
003517	Rock	0.003	<1	3	0.01	17	0.002	<20	0.02	0.003	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
003518	Rock	0.008	4	4	0.03	127	0.004	<20	0.15	0.013	0.09	0.4	<0.01	0.6	<0.1	1.34	<1	3.3	0.2		
003861	Rock	0.015	6	9	0.59	398	0.065	<20	0.82	0.020	0.40	<0.1	<0.01	2.4	0.2	<0.05	3	<0.5	<0.2		
003878	Rock	0.051	7	37	2.51	54	0.001	<20	0.41	0.030	0.21	<0.1	0.03	16.4	0.1	0.11	<1	0.7	<0.2		
003879	Rock	0.063	8	46	1.94	73	0.002	<20	0.59	0.034	0.22	<0.1	0.05	13.3	0.1	<0.05	2	<0.5	<0.2		
003880	Rock	0.031	13	3	0.60	145	<0.001	<20	0.49	0.016	0.19	<0.1	<0.01	1.6	<0.1	<0.05	<1	<0.5	<0.2		
003881	Rock	0.048	20	4	0.57	106	<0.001	<20	0.52	0.039	0.29	<0.1	0.03	2.2	<0.1	<0.05	1	<0.5	<0.2		
003519	Rock	<0.001	<1	8	0.23	8	<0.001	<20	0.03	0.002	0.02	<0.1	0.08	0.4	<0.1	0.13	<1	16.8	6.7		
003862	Rock	<0.001	<1	14	0.60	5	<0.001	<20	0.03	0.003	0.02	<0.1	<0.01	0.4	<0.1	0.09	<1	8.6	1.6		
003863	Rock	0.005	<1	2	0.03	44	<0.001	<20	<0.01	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	I	

												Clier	nt:	De PO E Whit	Coors Box 3173 ehorse Y	4 4 ukon Y1/	n <b>g Cor</b> A 6L3 Car	<b>p.</b> nada			
BUREAU VERITAS	MINERAL LABORATOR	IES		www	.burea	verita	s.com/	um				Proje	ct:	None	e Given						
	- Commodition Conodo I t	4										Repo	rt Date:	Janu	ary 16, 2	019					
Sureau ventas		u.																			
9050 Shaughn	nessy St Vancouver Britis	h Colum	ibia V6ł	9 6E5 (	Canada																
-HONE (604)	255-5156											Page:		2 of 3	3				Pa	art: 2	of 2
CERTIF	FICATE OF AN	JALY	′SIS													W	HI18	3000	847	.1	
	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	FA550	
	Analyte	Р	La	Cr	Mg	Ва	Ті	в	AI	Na	к	w	Hg	Sc	ті	s	Ga	Se	Те	Au	
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t	
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.9	
003523	Rock	0.004	12	2	0.02	49	< 0.001	<20	0.23	0.120	0.06	<0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2		
003871	Rock	0.002	4	3	0.02	67	<0.001	<20	0.24	0.004	0.16	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2		
003872	Rock	0.004	5	3	0.02	67	<0.001	<20	0.18	0.005	0.12	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2		
003873	Rock	0.002	8	4	0.03	75	<0.001	<20	0.25	0.005	0.16	<0.1	<0.01	0.7	<0.1	<0.05	<1	<0.5	<0.2		
003874	Rock	0.009	3	4	0.08	68	0.003	<20	0.44	0.012	0.16	<0.1	<0.01	1.6	<0.1	0.29	2	3.3	<0.2		
003875	Rock	0.003	3	4	0.05	51	0.002	<20	0.34	0.002	0.11	<0.1	<0.01	0.9	<0.1	<0.05	1	0.5	<0.2		
003876	Rock	0.005	1	2	<0.01	48	<0.001	<20	0.15	0.003	0.12	<0.1	0.25	0.4	<0.1	1.79	1	6.2	<0.2		
003877	Rock	0.003	<1	2	<0.01	47	<0.001	<20	0.10	0.004	0.08	<0.1	0.19	0.3	<0.1	1.64	<1	4.4	0.3	21.0	
003520	Rock	0.047	1	25	0.87	18	0.144	<20	1.03	0.099	0.03	0.2	<0.01	4.8	<0.1	1.06	4	1.2	<0.2		
003521	ROCK	0.048	<1	51	0.88	10	0.286	<20	1.10	0.188	0.04	<0.1	<0.01	6.6	<0.1	0.72	3	0.9	<0.2		
003524	Rock	0.001	<1	999	15.89	907	0.004	<20	1.60	0.002	<0.01	<0.1	<0.01	8.0	<0.1	<0.05	2	<0.5	<0.2		
003002	Rock	0.010	-1	42	0.72	127	0.104	<20	1.09	0.037	0.30	-0.1	<0.01	2.0	0.1	<0.05	5	<0.5	<0.2		
003884	Rock	0.024	<1	23	0.73	48	0.127	<20	0.87	0.043	0.30	0.2	<0.01	4.5	<0.1	0.12	3	0.9	<0.2		
003885	Rock	0.037	<1	186	5.02	250	0.243	<20	4.35	0.004	0.63	0.1	<0.01	22.9	0.9	<0.40	11	<0.5	<0.2		
003886	Rock	<0.001	<1	3	0.03	6	0.002	<20	0.03	0.001	0.02	<0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2		
003887	Rock	0.002	<1	1249	10.68	2	0.002	<20	0.33	< 0.001	< 0.01	0.1	< 0.01	9.8	<0.1	0.10	<1	<0.5	<0.2		
003888	Rock	< 0.001	<1	1457	15.56	11	0.005	<20	0.94	0.001	<0.01	<0.1	< 0.01	9.3	<0.1	<0.05	5	<0.5	<0.2		
003515	Rock	0.118	11	135	2.90	244	0.442	<20	2.97	0.045	1.09	<0.1	0.01	12.2	0.5	1.99	14	1.6	<0.2		
003516	Rock	0.010	11	15	0.81	654	0.062	<20	1.13	0.012	0.69	0.1	0.01	1.9	0.6	0.85	3	1.8	<0.2		
003517	Rock	0.003	<1	3	0.01	17	0.002	<20	0.02	0.003	<0.01	<0.1	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2		
003518	Rock	0.008	4	4	0.03	127	0.004	<20	0.15	0.013	0.09	0.4	<0.01	0.6	<0.1	1.34	<1	3.3	0.2		
003861	Rock	0.015	6	9	0.59	398	0.065	<20	0.82	0.020	0.40	<0.1	<0.01	2.4	0.2	<0.05	3	<0.5	<0.2		
003878	Rock	0.051	7	37	2.51	54	0.001	<20	0.41	0.030	0.21	<0.1	0.03	16.4	0.1	0.11	<1	0.7	<0.2		
003879	Rock	0.063	8	46	1.94	73	0.002	<20	0.59	0.034	0.22	<0.1	0.05	13.3	0.1	<0.05	2	<0.5	<0.2		
003880	Rock	0.031	13	3	0.60	145	<0.001	<20	0.49	0.016	0.19	<0.1	<0.01	1.6	<0.1	<0.05	<1	<0.5	<0.2		
003881	Rock	0.048	20	4	0.57	106	<0.001	<20	0.52	0.039	0.29	<0.1	0.03	2.2	<0.1	<0.05	1	<0.5	<0.2		
003519	Rock	<0.001	<1	8	0.23	8	<0.001	<20	0.03	0.002	0.02	<0.1	0.08	0.4	<0.1	0.13	<1	16.8	6.7		
003862	Rock	<0.001	<1	14	0.60	5	<0.001	<20	0.03	0.003	0.02	<0.1	<0.01	0.4	<0.1	0.09	<1	8.6	1.6		
003863	Rock	0.005	<1	2	0.03	44	<0.001	<20	<0.01	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	I	

												Clien	t:	DeC PO Bo White	oors I ox 31734 norse Yul	Mining ton Y1A (	<b>g Corp</b> 6L3 Cana	<b>).</b> Ida			
BUREAU VERITAS	MINERAL LABORATOR Canada	IES		www	burea.	iveritas	.com/u	ım				Project	: Data:	None	Given						
Bureau Veritas	Commodities Canada Lte	d.										кероп	Date:	Janua	ry 16, 20 <sup>-</sup>	19					
9050 Shaughne	ssy St. Vancouver Britis	h Colum	hia V6E	0 6E5 C	anada																
PHONE (604) 2	53-3158	in Colum			anaua							Page:		1 of 2					Part	: 1 of	2
QUALIT	Y CONTROL	REP	OR													VVF	118	3000	347.	1	
	Method	WGHT	EA350	AO200	AO200	40200	AQ200	A0200	A0200	AQ200	A0200	AO200	AO200	A0200	AO200	A0200	AQ200	AO200	A0200	A0200	A0200
	Analyte	Wat	ΓΑ330 Διι	Mo	AQ200	AQ200 Ph	7n	AQ200	AQ200 Ni	AQ200	AQ200 Mn	Fo	ΑQ200 Δe	Α0200	Th	AQ200 Sr	Cd	AQ200 Sh	Ri	AQ200 V	AQ200
	Unit	ka	nnb	nom	nnm	nom	ppm	npm	ppm	ppm	nom	%	nom	nnb	ppm	nom	ppm	nnm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																-					
003877	Rock	0.60	>10000	3.2	858.7	>10000	1467	>100	1.1	1.8	39	3.70	>10000	23335.1	0.2	8	33.2	337.9	3.9	2	< 0.01
REP 003877	QC																				
003520	Rock	0.90	76	1.3	186.1	50.5	46	1.5	44.3	32.7	269	3.60	48.8	48.3	0.1	6	0.2	1.6	0.2	75	0.63
REP 003520	QC			1.2	187.9	48.0	47	1.5	43.5	32.6	261	3.54	47.9	52.0	0.1	6	0.2	1.4	0.2	74	0.62
003888	Rock	2.05	<2	<0.1	11.2	0.9	20	<0.1	1750.3	83.5	397	4.30	12.5	1.7	<0.1	4	<0.1	0.2	<0.1	29	0.18
REP 003888	QC		<2																		
003870	Rock	1.32	815	0.8	7456.0	3145.7	651	>100	1.1	0.7	147	0.52	1368.5	940.8	<0.1	3	42.2	>2000	<0.1	1	0.02
REP 003870	QC			0.8	7285.0	3047.4	641	>100	1.1	0.8	141	0.51	1322.6	865.8	<0.1	3	39.0	>2000	<0.1	1	0.02
REP 003854	QC		50																		
Core Reject Duplicates	3																				
003521	Rock	3.00	3	0.4	96.0	6.2	19	0.2	63.9	30.2	312	2.85	11.9	2.3	<0.1	9	<0.1	0.2	<0.1	69	1.11
DUP 003521	QC		5	0.4	96.7	5.7	20	0.2	64.2	30.1	350	3.06	12.9	5.6	<0.1	10	<0.1	0.2	<0.1	78	1.28
003854	Rock	1.26	65	7.3	92.7	9.7	83	0.4	38.6	8.7	257	2.16	8.5	17.4	3.4	14	0.4	1.1	0.3	15	0.16
DUP 003854	QC		48	5.7	84.8	8.8	77	0.4	36.4	8.1	298	2.08	8.0	16.5	3.0	10	0.7	0.8	0.3	12	0.14
Reference Mater	ials																				
STD AGPROOF	Standard																				
STD DS11	Standard			13.6	158.4	139.6	364	1.6	77.0	14.0	1013	3.02	42.7	53.9	7.3	61	2.3	7.1	10.4	46	1.03
STD DS11	Standard			12.4	145.5	137.0	323	1.7	80.9	13.5	957	2.83	40.1	51.5	6.6	61	2.5	7.7	10.8	44	0.97
STD DS11	Standard			14.2	153.9	143.4	342	1.7	78.8	13.7	1068	3.13	43.6	90.5	7.6	68	2.5	6.8	12.2	50	1.08
STD DS11	Standard			15.0	156.7	147.3	345	1.8	83.5	13.9	1057	3.19	42.9	51.3	8.2	72	2.3	8.3	12.8	51	1.08
STD OREAS262	Standard			0.8	124.7	60.3	157	0.5	67.4	29.4	562	3.41	37.9	68.6	9.5	39	0.8	3.5	1.1	23	3.06
STD OREAS45E	A Standard			1.6	703.2	13.8	30	0.2	393.8	53.0	401	20.85	11.6	49.4	10.8	4	<0.1	0.3	0.2	297	0.03
STD OREAS45E	A Standard			1.4	688.7	16.1	31	0.3	393.7	50.9	390	21.01	11.4	54.9	10.1	3	<0.1	0.5	0.3	312	0.03
STD OREAS45E	A Standard			1.6	744.5	16.5	33	0.3	395.5	54.4	421	24.42	11.3	80.9	11.7	4	<0.1	0.2	0.3	345	0.03
STD OREAS45E	A Standard		040	1.9	/41.1	15.9	33	0.3	423.7	56.0	429	23.82	12.5	64.4	11.7	5	<0.1	0.4	0.3	325	0.03
STD OXC145	Standard		213																		
STD OXC145	Standard		202																		
STD OXC145	Standard		215																		

												Clien	t:	DeC PO Bo White	oors I ox 31734 norse Yul	Mining ton Y1A (	<b>g Corp</b> 6L3 Cana	<b>).</b> Ida			
BUREAU VERITAS	MINERAL LABORATOR Canada	IES		www	burea.	iveritas	.com/u	ım				Project	: Data:	None	Given						
Bureau Veritas	Commodities Canada Lte	d.										кероп	Date:	Janua	ry 16, 20 <sup>-</sup>	19					
9050 Shaughne	ssy St. Vancouver Britis	h Colum	hia V6E	0 6E5 C	anada																
PHONE (604) 2	53-3158	in Colum			anaua							Page:		1 of 2					Part	: 1 of	2
QUALIT	Y CONTROL	REP	OR													VVF	118	3000	347.	1	
	Method	WGHT	EA350	AO200	AO200	40200	AQ200	A0200	A0200	AQ200	A0200	AO200	AO200	A0200	AO200	A0200	AQ200	AO200	A0200	A0200	A0200
	Analyte	Wat	ΓΑ330 Διι	Mo	AQ200	AQ200 Ph	7n	AQ200	AQ200 Ni	AQ200	AQ200 Mn	Fo	ΑQ200 Δe	Α0200	Th	AQ200 Sr	Cd	AQ200 Sh	Ri	AQ200 V	AQ200
	Unit	ka	nnb	nom	nnm	nom	ppm	npm	ppm	ppm	nom	%	nom	nnb	ppm	nom	ppm	nnm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																-					
003877	Rock	0.60	>10000	3.2	858.7	>10000	1467	>100	1.1	1.8	39	3.70	>10000	23335.1	0.2	8	33.2	337.9	3.9	2	< 0.01
REP 003877	QC																				
003520	Rock	0.90	76	1.3	186.1	50.5	46	1.5	44.3	32.7	269	3.60	48.8	48.3	0.1	6	0.2	1.6	0.2	75	0.63
REP 003520	QC			1.2	187.9	48.0	47	1.5	43.5	32.6	261	3.54	47.9	52.0	0.1	6	0.2	1.4	0.2	74	0.62
003888	Rock	2.05	<2	<0.1	11.2	0.9	20	<0.1	1750.3	83.5	397	4.30	12.5	1.7	<0.1	4	<0.1	0.2	<0.1	29	0.18
REP 003888	QC		<2																		
003870	Rock	1.32	815	0.8	7456.0	3145.7	651	>100	1.1	0.7	147	0.52	1368.5	940.8	<0.1	3	42.2	>2000	<0.1	1	0.02
REP 003870	QC			0.8	7285.0	3047.4	641	>100	1.1	0.8	141	0.51	1322.6	865.8	<0.1	3	39.0	>2000	<0.1	1	0.02
REP 003854	QC		50																		
Core Reject Duplicates	3																				
003521	Rock	3.00	3	0.4	96.0	6.2	19	0.2	63.9	30.2	312	2.85	11.9	2.3	<0.1	9	<0.1	0.2	<0.1	69	1.11
DUP 003521	QC		5	0.4	96.7	5.7	20	0.2	64.2	30.1	350	3.06	12.9	5.6	<0.1	10	<0.1	0.2	<0.1	78	1.28
003854	Rock	1.26	65	7.3	92.7	9.7	83	0.4	38.6	8.7	257	2.16	8.5	17.4	3.4	14	0.4	1.1	0.3	15	0.16
DUP 003854	QC		48	5.7	84.8	8.8	77	0.4	36.4	8.1	298	2.08	8.0	16.5	3.0	10	0.7	0.8	0.3	12	0.14
Reference Mater	ials																				
STD AGPROOF	Standard																				
STD DS11	Standard			13.6	158.4	139.6	364	1.6	77.0	14.0	1013	3.02	42.7	53.9	7.3	61	2.3	7.1	10.4	46	1.03
STD DS11	Standard			12.4	145.5	137.0	323	1.7	80.9	13.5	957	2.83	40.1	51.5	6.6	61	2.5	7.7	10.8	44	0.97
STD DS11	Standard			14.2	153.9	143.4	342	1.7	78.8	13.7	1068	3.13	43.6	90.5	7.6	68	2.5	6.8	12.2	50	1.08
STD DS11	Standard			15.0	156.7	147.3	345	1.8	83.5	13.9	1057	3.19	42.9	51.3	8.2	72	2.3	8.3	12.8	51	1.08
STD OREAS262	Standard			0.8	124.7	60.3	157	0.5	67.4	29.4	562	3.41	37.9	68.6	9.5	39	0.8	3.5	1.1	23	3.06
STD OREAS45E	A Standard			1.6	703.2	13.8	30	0.2	393.8	53.0	401	20.85	11.6	49.4	10.8	4	<0.1	0.3	0.2	297	0.03
STD OREAS45E	A Standard			1.4	688.7	16.1	31	0.3	393.7	50.9	390	21.01	11.4	54.9	10.1	3	<0.1	0.5	0.3	312	0.03
STD OREAS45E	A Standard			1.6	744.5	16.5	33	0.3	395.5	54.4	421	24.42	11.3	80.9	11.7	4	<0.1	0.2	0.3	345	0.03
STD OREAS45E	A Standard		040	1.9	/41.1	15.9	33	0.3	423.7	56.0	429	23.82	12.5	64.4	11.7	5	<0.1	0.4	0.3	325	0.03
STD OXC145	Standard		213																		
STD OXC145	Standard		202																		
STD OXC145	Standard		215																		

												Clien	t:	DeC PO Bo White	oors I ox 31734 norse Yul	Mining ton Y1A (	<b>g Corp</b> 6L3 Cana	<b>).</b> Ida			
BUREAU VERITAS	MINERAL LABORATOR Canada	IES		www	burea.	uveritas	.com/u	ım				Project	: Data:	None	Given						
Bureau Veritas	Commodities Canada Lte	d.										кероп	Date:	Janua	ry 16, 20 <sup>-</sup>	19					
9050 Shaughne	ssy St. Vancouver Britis	h Colum	hia V6E	0 6E5 C	anada																
PHONE (604) 2	53-3158	in Colum			anaua							Page:		1 of 2					Part	: 1 of	2
QUALIT	Y CONTROL	REP	OR													VVF	1118	3000	347.	1	
	Method	WGHT	EA350	AO200	AO200	40200	AQ200	A0200	A0200	AQ200	A0200	AO200	AO200	A0200	AO200	A0200	AQ200	AO200	A0200	A0200	A0200
	Analyte	Wat	ΓΑ330 Διι	Mo	AQ200	AQ200 Ph	7n	AQ200	AQ200 Ni	AQ200	AQ200 Mn	Fo	ΑQ200 Δe	Α0200	Th	AQ200 Sr	Cd	AQ200 Sh	Ri	AQ200 V	AQ200
	Unit	ka	nnb	nno	nnm	nom	ppm	npm	ppm	ppm	nom	%	nom	nnb	ppm	nom	ppm	nnm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																-					
003877	Rock	0.60	>10000	3.2	858.7	>10000	1467	>100	1.1	1.8	39	3.70	>10000	23335.1	0.2	8	33.2	337.9	3.9	2	< 0.01
REP 003877	QC																				
003520	Rock	0.90	76	1.3	186.1	50.5	46	1.5	44.3	32.7	269	3.60	48.8	48.3	0.1	6	0.2	1.6	0.2	75	0.63
REP 003520	QC			1.2	187.9	48.0	47	1.5	43.5	32.6	261	3.54	47.9	52.0	0.1	6	0.2	1.4	0.2	74	0.62
003888	Rock	2.05	<2	<0.1	11.2	0.9	20	<0.1	1750.3	83.5	397	4.30	12.5	1.7	<0.1	4	<0.1	0.2	<0.1	29	0.18
REP 003888	QC		<2																		
003870	Rock	1.32	815	0.8	7456.0	3145.7	651	>100	1.1	0.7	147	0.52	1368.5	940.8	<0.1	3	42.2	>2000	<0.1	1	0.02
REP 003870	QC			0.8	7285.0	3047.4	641	>100	1.1	0.8	141	0.51	1322.6	865.8	<0.1	3	39.0	>2000	<0.1	1	0.02
REP 003854	QC		50																		
Core Reject Duplicates	3																				
003521	Rock	3.00	3	0.4	96.0	6.2	19	0.2	63.9	30.2	312	2.85	11.9	2.3	<0.1	9	<0.1	0.2	<0.1	69	1.11
DUP 003521	QC		5	0.4	96.7	5.7	20	0.2	64.2	30.1	350	3.06	12.9	5.6	<0.1	10	<0.1	0.2	<0.1	78	1.28
003854	Rock	1.26	65	7.3	92.7	9.7	83	0.4	38.6	8.7	257	2.16	8.5	17.4	3.4	14	0.4	1.1	0.3	15	0.16
DUP 003854	QC		48	5.7	84.8	8.8	77	0.4	36.4	8.1	298	2.08	8.0	16.5	3.0	10	0.7	0.8	0.3	12	0.14
Reference Mater	ials																				
STD AGPROOF	Standard																				
STD DS11	Standard			13.6	158.4	139.6	364	1.6	77.0	14.0	1013	3.02	42.7	53.9	7.3	61	2.3	7.1	10.4	46	1.03
STD DS11	Standard			12.4	145.5	137.0	323	1.7	80.9	13.5	957	2.83	40.1	51.5	6.6	61	2.5	7.7	10.8	44	0.97
STD DS11	Standard			14.2	153.9	143.4	342	1.7	78.8	13.7	1068	3.13	43.6	90.5	7.6	68	2.5	6.8	12.2	50	1.08
STD DS11	Standard			15.0	156.7	147.3	345	1.8	83.5	13.9	1057	3.19	42.9	51.3	8.2	72	2.3	8.3	12.8	51	1.08
STD OREAS262	Standard			0.8	124.7	60.3	157	0.5	67.4	29.4	562	3.41	37.9	68.6	9.5	39	0.8	3.5	1.1	23	3.06
STD OREAS45E	A Standard			1.6	703.2	13.8	30	0.2	393.8	53.0	401	20.85	11.6	49.4	10.8	4	<0.1	0.3	0.2	297	0.03
STD OREAS45E	A Standard			1.4	688.7	16.1	31	0.3	393.7	50.9	390	21.01	11.4	54.9	10.1	3	<0.1	0.5	0.3	312	0.03
STD OREAS45E	A Standard			1.6	744.5	16.5	33	0.3	395.5	54.4	421	24.42	11.3	80.9	11.7	4	<0.1	0.2	0.3	345	0.03
STD OREAS45E	A Standard		040	1.9	/41.1	15.9	33	0.3	423.7	56.0	429	23.82	12.5	64.4	11.7	5	<0.1	0.4	0.3	325	0.03
STD OXC145	Standard		213																		
STD OXC145	Standard		202																		
STD OXC145	Standard		215																		

												Clien	t:	DeC PO Bo White	oors I ox 31734 norse Yul	Mining	<b>g Corp</b> 6L3 Cana	<b>).</b> Ida			
BUREAU VERITAS	MINERAL LABORATOR Canada	IES		www	burea.	uveritas	.com/u	ım				Project	: Data:	None	Given						
Bureau Veritas	Commodities Canada Lte	d.										кероп	Date:	Janua	ry 16, 20 <sup>-</sup>	19					
9050 Shaughne	ssy St. Vancouver Britis	h Colum	hia V6E	0 6E5 C	anada																
PHONE (604) 2	53-3158	in Colum			anaua							Page:		1 of 2					Part	: 1 of	2
QUALIT	Y CONTROL	REP	OR													VVF	118	3000	347.	1	
	Method	WGHT	EA350	AO200	AO200	40200	AQ200	A0200	A0200	AQ200	A0200	AO200	AO200	A0200	AO200	A0200	AQ200	AO200	A0200	A0200	A0200
	Analyte	Wat	ΓΑ330 Διι	Mo	AQ200	AQ200 Ph	7n	AQ200	AQ200 Ni	AQ200	AQ200 Mn	Fo	ΑQ200 Δe	Α0200	Th	AQ200 Sr	Cd	AQ200 Sh	Ri	AQ200 V	AQ200
	Unit	ka	nnb	nom	nnm	nom	ppm	npm	ppm	ppm	nom	%	nom	nnb	ppm	nom	ppm	nnm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																-					
003877	Rock	0.60	>10000	3.2	858.7	>10000	1467	>100	1.1	1.8	39	3.70	>10000	23335.1	0.2	8	33.2	337.9	3.9	2	< 0.01
REP 003877	QC																				
003520	Rock	0.90	76	1.3	186.1	50.5	46	1.5	44.3	32.7	269	3.60	48.8	48.3	0.1	6	0.2	1.6	0.2	75	0.63
REP 003520	QC			1.2	187.9	48.0	47	1.5	43.5	32.6	261	3.54	47.9	52.0	0.1	6	0.2	1.4	0.2	74	0.62
003888	Rock	2.05	<2	<0.1	11.2	0.9	20	<0.1	1750.3	83.5	397	4.30	12.5	1.7	<0.1	4	<0.1	0.2	<0.1	29	0.18
REP 003888	QC		<2																		
003870	Rock	1.32	815	0.8	7456.0	3145.7	651	>100	1.1	0.7	147	0.52	1368.5	940.8	<0.1	3	42.2	>2000	<0.1	1	0.02
REP 003870	QC			0.8	7285.0	3047.4	641	>100	1.1	0.8	141	0.51	1322.6	865.8	<0.1	3	39.0	>2000	<0.1	1	0.02
REP 003854	QC		50																		
Core Reject Duplicates	3																				
003521	Rock	3.00	3	0.4	96.0	6.2	19	0.2	63.9	30.2	312	2.85	11.9	2.3	<0.1	9	<0.1	0.2	<0.1	69	1.11
DUP 003521	QC		5	0.4	96.7	5.7	20	0.2	64.2	30.1	350	3.06	12.9	5.6	<0.1	10	<0.1	0.2	<0.1	78	1.28
003854	Rock	1.26	65	7.3	92.7	9.7	83	0.4	38.6	8.7	257	2.16	8.5	17.4	3.4	14	0.4	1.1	0.3	15	0.16
DUP 003854	QC		48	5.7	84.8	8.8	77	0.4	36.4	8.1	298	2.08	8.0	16.5	3.0	10	0.7	0.8	0.3	12	0.14
Reference Mater	ials																				
STD AGPROOF	Standard																				
STD DS11	Standard			13.6	158.4	139.6	364	1.6	77.0	14.0	1013	3.02	42.7	53.9	7.3	61	2.3	7.1	10.4	46	1.03
STD DS11	Standard			12.4	145.5	137.0	323	1.7	80.9	13.5	957	2.83	40.1	51.5	6.6	61	2.5	7.7	10.8	44	0.97
STD DS11	Standard			14.2	153.9	143.4	342	1.7	78.8	13.7	1068	3.13	43.6	90.5	7.6	68	2.5	6.8	12.2	50	1.08
STD DS11	Standard			15.0	156.7	147.3	345	1.8	83.5	13.9	1057	3.19	42.9	51.3	8.2	72	2.3	8.3	12.8	51	1.08
STD OREAS262	Standard			0.8	124.7	60.3	157	0.5	67.4	29.4	562	3.41	37.9	68.6	9.5	39	0.8	3.5	1.1	23	3.06
STD OREAS45E	A Standard			1.6	703.2	13.8	30	0.2	393.8	53.0	401	20.85	11.6	49.4	10.8	4	<0.1	0.3	0.2	297	0.03
STD OREAS45E	A Standard			1.4	688.7	16.1	31	0.3	393.7	50.9	390	21.01	11.4	54.9	10.1	3	<0.1	0.5	0.3	312	0.03
STD OREAS45E	A Standard			1.6	744.5	16.5	33	0.3	395.5	54.4	421	24.42	11.3	80.9	11.7	4	<0.1	0.2	0.3	345	0.03
STD OREAS45E	A Standard		040	1.9	/41.1	15.9	33	0.3	423.7	56.0	429	23.82	12.5	64.4	11.7	5	<0.1	0.4	0.3	325	0.03
STD OXC145	Standard		213																		
STD OXC145	Standard		202																		
STD OXC145	Standard		215																		