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BC Geological Survey Assessment Report 39928

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

Assessment Report
Title Page and Summary

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

TOTAL COST: 29,298.69

AUTHOR(S): Andy Randell **SIGNATURE(S):**

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): **YEAR OF WORK:** 2021

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

PROPERTY NAME: Vidette

CLAIM NAME(S) (on which the work was done): 1082449, 1075658, 1073911

COMMODITIES SOUGHT: Gold, Copper, Molybdenum, Silver, Zinc

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092P 031, 092P 126, 092P 088, 092P 127, 092P 225

MINING DIVISION: Clinton **NTS/BCGS:** 092P02, 03/092P015, 016, 025, 026

LATITUDE: 51 ° 10 ' 00 " **LONGITUDE:** -120 ° 54 ' 17 " **(at centre of work)**

OWNER(S):
1) Stata GeoData Services Ltd. 2)

MAILING ADDRESS:
330-470 Granville Street, Vancouver BC, V6C 1V5

OPERATOR(S) [who paid for the work]:
1) Stata GeoData Services Ltd. 2)

MAILING ADDRESS:
330-470 Granville Street, Vancouver BC, V6C 1V5

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Triassic, Neogene, Pleistocene, Nicola Group, Chilcotin Group, Ray River Pluton, Tuya Batholith
Volcanic Sandstone. Conglomerate, Sandstone, Siltstone, Basalt, Breccia, Limestone, Slate, Tuff, Chert, Gabbro, Granodiorite
Olivine, Biotite, Hornblende, Calcite, Molybdenite, Pyrite, Chalcopyrite, Chlorite
Porphyry, Greenstone, Quartz Veins

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 12021, 23971, 31609, 4257, 17810, 18492
19136, 9223, 15120

Next Page

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			11900
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	12	1082449, 1075658, 1073911	3937.50
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	95 Samples	1082449, 1075658	3570.33
Silt			
Rock	10 Samples	1075658, 1073911	
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)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	9891.19

Print Form

Assessment Report

2021 Exploration Program on the Vidette Property

Clinton Mining Division

British Columbia, Canada

Prepared for:

Strata GeoData Services Ltd.

330 – 470 Granville Street
Vancouver, British Columbia
Canada V6C 1V5

Property location:

NTS 092P02 & 03; BCGS 092P015, 016, 025, 026

Latitude 51º10'00N, Longitude -120º54'17W

UTM Zone 10: 646490E, 5670446N (NAD83)

Prepared by:

Andy Randell, P.Geo

SGDS Hive
330 - 470 Granville Street
Vancouver, British Columbia
V6C 1V5

March 15, 2022

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1.0 INTRODUCTION

The Vidette Property (the "Property") is located in the Cariboo/Thompson region of south-central British Columbia. The Property is road accessible from Highway 97 north of Clinton on Chasm Road then onto Deadman Vidette Road.

The Property area consists of rolling treed hills with deep canyons in the south of the Property around Vidette Lake. The gentle slopes in combination with the multiple roads and trails from forestry activities allows for relatively easy exploration whether on foot or by truck and ATV. The Village of Clinton is an hours drive to the west of the Property having amenities of gas stations, accommodation, and food services. Kamloops B.C. is only a three-hour drive south with various analytical laboratories, exploration supply services, and transportation services.

The Vidette Property was originally three separate claims; Amy, Yard, and X claims that were staked in early 2020. In early 2021, three additional claims were staked that brought the previous separate claims into one contagious property named the Vidette Property. The Property is just north of the past producing Vidette gold mine which produced 48,980 tonnes of ore, recovering 1,449kg of silver, 929kg of gold, 43,825kg of copper and 161kg of lead between 1933 and 1940 (Minfile No 092086). Five mineral occurrences are located on the Property that have characteristics of hydrothermal gold veins with copper and copper-molybdenum with gold porphyry deposits.

Exploration crews from SGDS-Hive spent 5 days between 16th and 21st May 2021 on the Property and collected 95 soil samples, 10 rock samples, and conducted a 12 line-km ground magnetometry survey exploring the area around the Shelley and VID 27 mineral occurrences north of Vidette Lake.

The work covered a limited area but proved the continuation of the trend of anomalous copper values along the valley (striking northwest to southeast) before disappearing again under a cap of Miocene basalt. This bolsters the hypothesis that the structure is continuous right through the property.

The magnetic survey was somewhat less conclusive, but this is largely due to its limited size, and we would require additional coverage to tie in any interpretations.

It is recommended that additional sampling and prospecting take place to extend coverage. Applying the same expansion to ground magnetic surveys would also be beneficial.

2.0 PROPERTY DESCRIPTION AND LOCATION

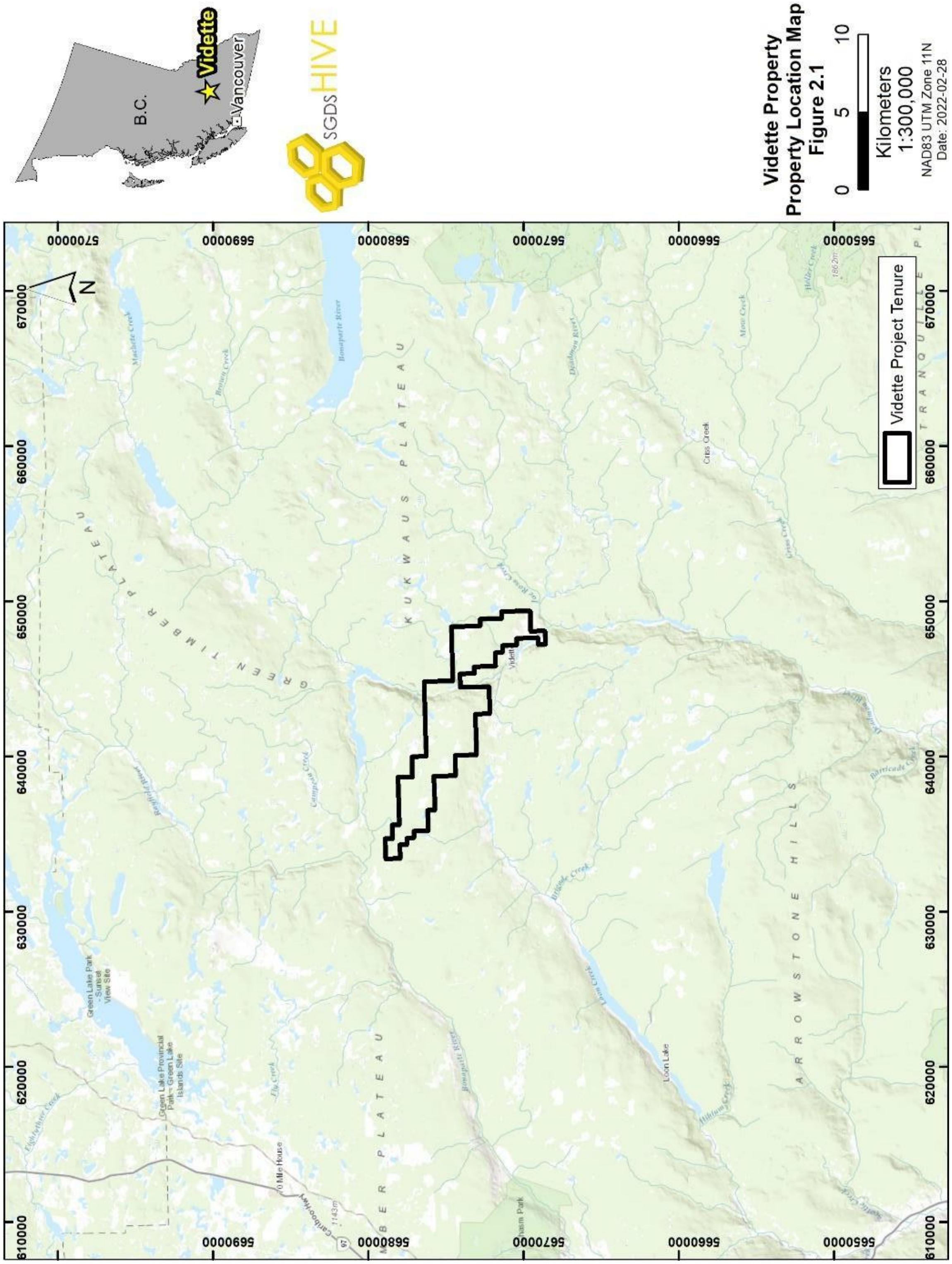
The Property is located within NTS map sheet 92P/02 and is centered at a longitude and latitude of 120° 52' 55" W / 50° 10' 16" N or a UTM of 648110E / 5671025N (NAD83 Zone 10). The nearest town, 70 Mile House, British Columbia, is a 39-kilometre beeline to the west-northwest.

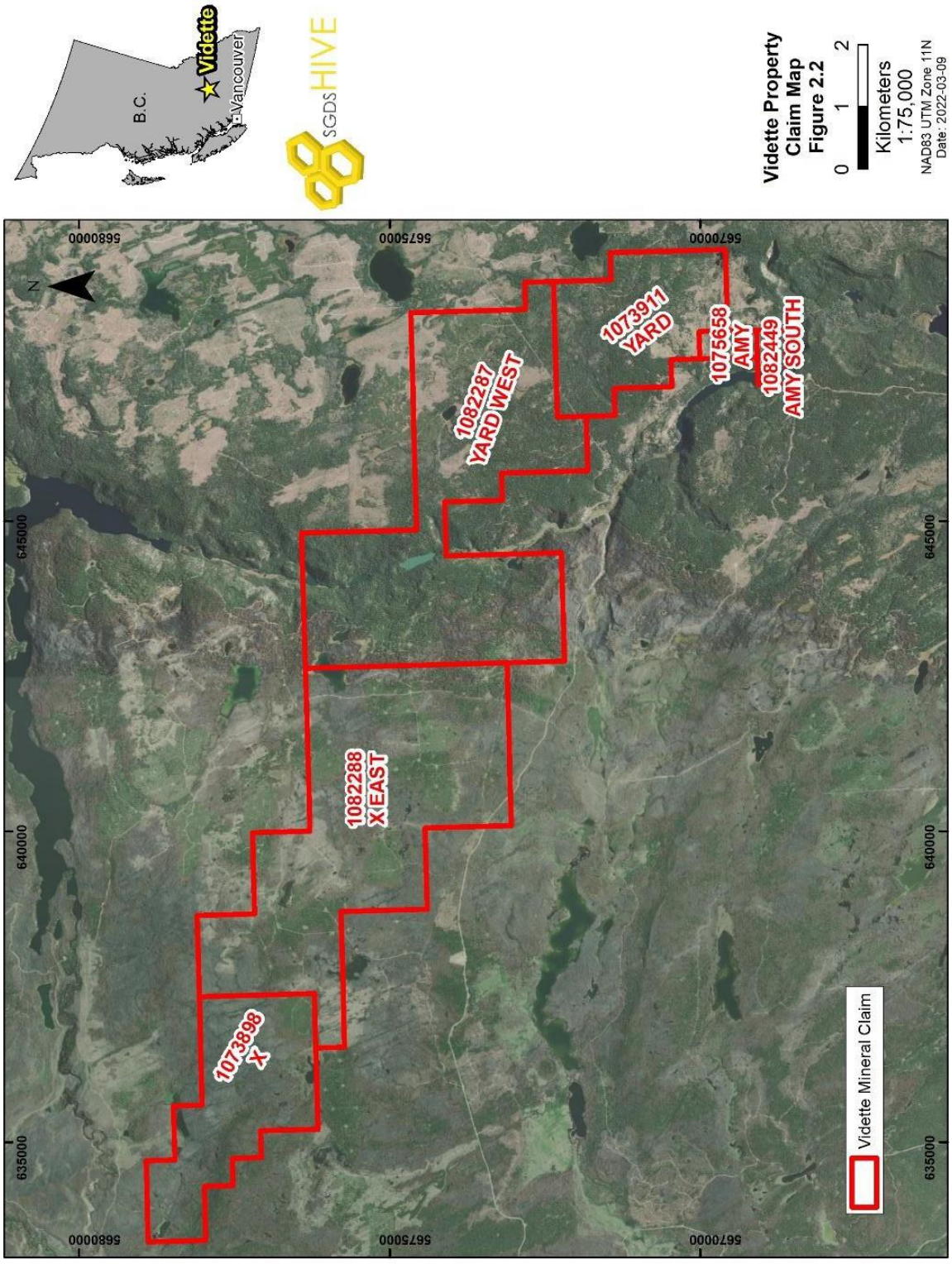
The Property is accessible from several routes leading off major highways, with the most practical being the Highway 97 (Cariboo Highway) turnoff onto the Chasm Road. Another useful route depending on the approach is the Highway 1 turnoff onto Deadman Vidette Road. Secondary routes off Chasm Main lead into the Property. The Property's location and practical access is displayed in Figure 3.1.

The Property is on the unceded indigenous territory of Secwepemcúl'ecw (Secwépemc) peoples. SGDS Hive recognizes the inherent rights and title of Secwepemcúl'ecw (Secwépemc) peoples and is committed to engaging in meaningful ways through all phases of exploration and regulatory processes as the Property advances. SGDS Hive wishes to build positive lasting relationships with the First Nations that have an expressed interest in the area defining the Property.

Table 2.1: Project Claims

Tenure Number	Claim Name	Owner	Issue Date	Good to Date	Area (ha)
1073898	X	Strata GeoData Services Ltd.	15th January 2020	30th July 2023	627.36
1073911	Yard		15th January 2020	30th July 2023	547.12
1082287	Yard West		23rd April 2021	30th July 2023	1579.65
1082288	X East		23rd April 2021	30th July 2023	1558.93
1082449	Amy South		5th May 2021	30th July 2023	40.55
1075658	Amy		9th October 2020	7th May 2023	40.54

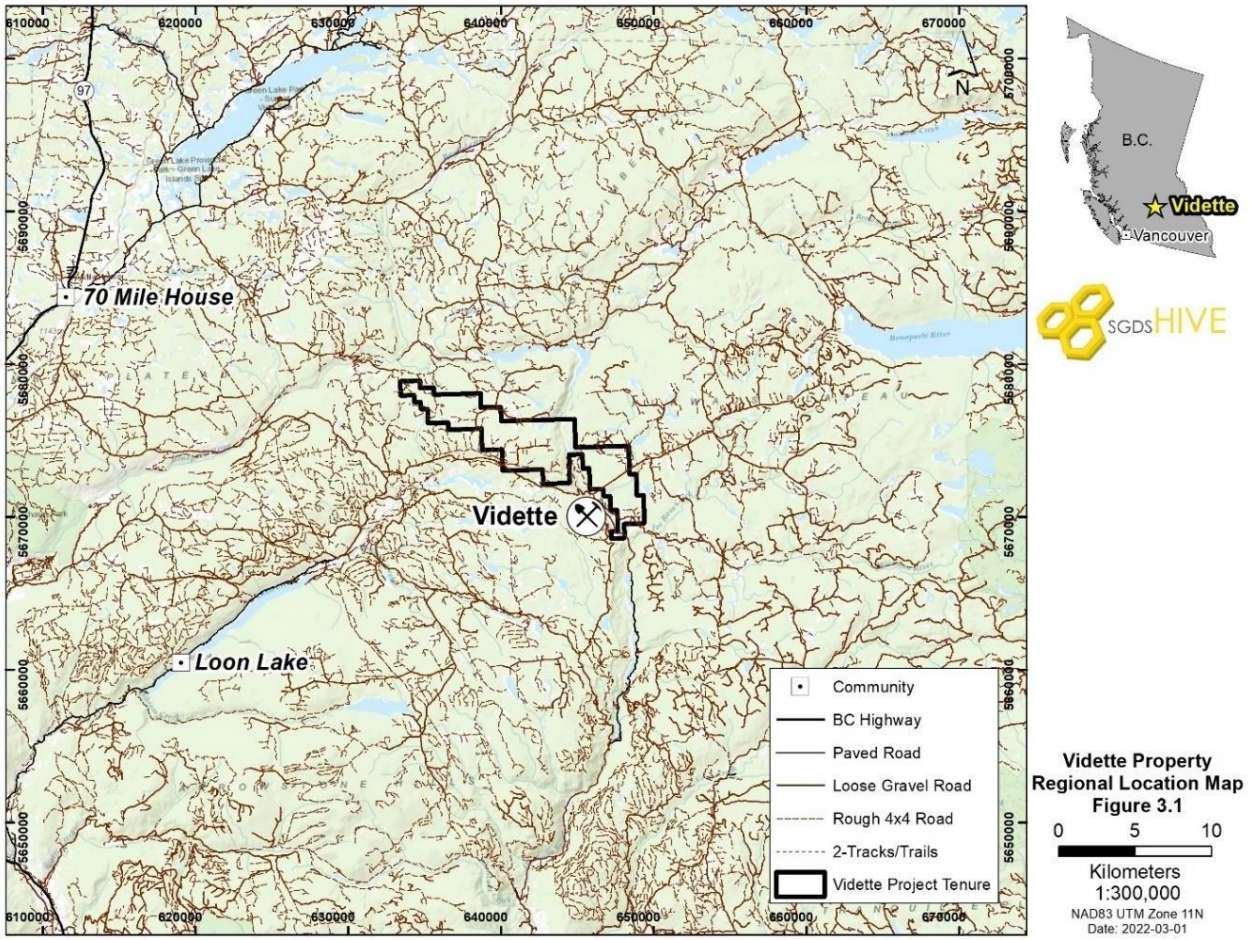

B.C.
Vidette
Vancouver
Vidette Property
Property Location Map
Figure 2.1
0 5 10
Kilometers
1:300,000
NAD83 UTM Zone 11N
Date: 2022-02-28
Vidette Project Tenure


Vidette
Vancouver
B.C.
SGDS HIVE
Vidette Property
Claim Map
Figure 2.2
0
1
2
Kilometers
1:75,000
NAD83 UTM Zone 11N
Date: 2022-03-09
N
1073911
YARD
1075658
AMY
1082449
AMY SOUTH
1082287
YARD WEST
1082288
XIEAST
1073898
X
Vidette Mineral Claim
568000
567500
567000
645000
640000
635000

3.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

3.1 Accessibility

The Vidette Property is located 39 kilometers east by northeast of the town of 70 Mile and 50 kilometers east by southeast from the Village of Clinton. The Property access is by Highway 97 north of Clinton taking Chasm Road then onto the maintained gravel Deadman Vidette Road travelling east to the Property. Access can be gained from the south using Loon Lake Road traveling northeast intersecting Deadman Vidette Road travelling east to the Property or from Highway 1 travelling north along Deadman Vidette Road.



3.2 Climate

The climate of the south Cariboo-Thompson region is dry with hot summers and mild between fall and spring with spring usually the wettest season. Winter snow is usually mild in the lower elevations, but higher elevations do see significant snow fall and accumulation. Summer forest fires

are common in the region during the summer months which can pose a danger to exploration crews and restrict access.

3.3 Local Resources and Infrastructure

The town of 70 Mile is the closest town to the Property, approximately one hours drive north by northwest from the Property. 70 Mile has few amenities such as gas stations and food services. The Village of Clinton is a small community approximately one hours drive to the west-southwest of the Property along Highway 97 having amenities such as gas stations, accommodation, health center and food services. Kamloops B.C. is the closest largest urban center, approximately three- hour drive from the Property, providing multiple amenities, analytical labs, transportation and mechanical services. In addition, Kamloops airport has daily commercial flights from Vancouver and Calgary and a base for various helicopter companies. Various fishing resorts and ranches, such as Loon Lake Resort, are located in proximity to the Property which can provide economical accommodation relatively close to the Property.

3.4 Physiography

The property includes the northern third of Vidette Lake and adjacent areas of the interior plateau. Maximum relief within the claims is approximately 200 meters, with elevations varying from 900 meters above sea level at lake level to over 1100 meters in the plateau area. The southwest side of Deadman Valley rises sharply from Vidette Lake to the rim of the plateau, forming a steep, heavily wooded scarp.

4.0 HISTORY

The following list references all documented work in the immediate area which is associated with the current Property boundaries:

Exploration activity in the Vidette Lake area extends back to at least 1926 where a crown grant, named White Pass (L.4741), was located on the southside of Vidette Lake around the Dexheimer zone (Bruaset, 2010). Fred Dexheimer discovered the Vidette vein system, recording his first claim in the early spring of 1930 (Bruaset, 2010). Between 1930 and 1940, extensive exploration and development of narrow, high grade auriferous quartz veins took place in the Vidette Lake area. GSC Memoir 179 states the first three claims were being prospected for gold by Vidette Gold Mines Limited in 1934 (Cockfield, 1935; as cited in Bruaset,

2010). The historical Vidette mine produced approximately 40,000 ounces of gold, 30,000 ounces of silver, and 100,000 pounds of copper between 1933 and 1940. Proximal to the past producing Vidette mine exists several documented surface pits and two sets of historical underground workings, Savona Mine and Hamilton Creek Mine, neither of which have public production records (Dawson, 1973).

Keda Resources Ltd. claimed 73 contiguous tenures forming the Vidette Lake Property. Several test pits on historical claim Vid #41 were described to occur in pyrite-abundant greenstone with minor chalcopyrite and malachite. Within the current Property limits, on the boundary of Vid #27 and #28, a small test pit cut into a 20-centimetre quartz-carbonate vein with abundant pyrite and minor chalcopyrite. A select grab sample from the vein returned 0.14oz Au, 0.26oz Ag and 0.35% Cu. Two long trenches cut in the greenstone, returned visible molybdenite mineralization.

Initially, 43 roadside soil samples were completed which returned 16 to 700ppm Cu and 0 to 11ppm Mo. An 800 by 200-foot grid was established in November of 1972, which returned a total of 355 soils. Dawson (1973) presents the potential for discovery of high-grade ore shoots in auriferous quartz veins which are obscured by overburden, and the occurrence of low grade, porphyry type copper or copper-gold mineralization below the depth of the known, exposed veins. Dawson (1973) states "there is considerable evidence to indicate that the presently exposed surface represents the peripheral zone of a typical porphyry-type mineralized body. The presence of epidote, calcite, and chlorite is typical of the propylitic alteration zone of a typical porphyry copper occurrence."

Dawson (1973) describes the Vidette Lake property as being underlain by greenstones of the Nicola Group, which have been intruded by several small stocks and dikes of granitic rocks, in a window of overlying Tertiary basalts. The respective underlaying rocks are characterized by propylitic and localities of sericitic alteration. Several narrow northwest striking, and north-easterly dipping quartz veins are found in and near the main Vidette valley, which are frequently offset by northwest-trending normal faults. Mineralization associated with auriferous quartz veins have been previously described as pyrite and lesser chalcopyrite with gold values in tellurides and as free gold, with mentions of minor galena, tetrahedrite, and specularite (Dawson, 1973). Dawson (1973) notes the anomalous soil samples near the main Vidette valley and along Yard creek are significant, as they are the only areas which are not covered by the thick fluvio-glacial overburden.

In 1984, Chevron Canada Resources Ltd. staked the Gnome claim and completed 377 soils, silts, 59 grabs, and 11.3 line-kilometers of ground magnetics (Bruaset, 1984). Bruaset (1984) notes the copper-in-soils to correlate well with arsenic, and a modest five-station gold anomaly within the base metal soil anomaly. Rock

sample TL 01, retrieved from a pod of quartz about 15 by 20 centimeters situated in a pyrite ± chalcopyrite shear zone, ran 1825ppb Au and 4.2ppm Bi. The ground-based magnetic survey was completed using an EDA PPM 350 magnetic system. Stations were corrected by subtracting 54,750 gammas. Magnetic highs "A" and "B" were interpreted as local increases in pyrrhotite ± magnetite and an I.P. anomaly (Scott, 1981; as cited in Bruaset, 1984). Clayton (1990) mentions the Gnome claims were optioned to Noranda Exploration Co. in either 1985 or 1986, which undertook a diamond drilling program to test the depth extent of a large zone of silicification and quartz-chalcedony veining exposed at surface. Wilson (1986) reports on the 312.4 metre depth drillhole, NGN-86-1.

In 1988, Inco Gold Company optioned the EPI claims from M. Dickens and the exploration program was completed by Canadian Nickel Co. Ltd. employees. A 358.5° trending baseline was constructed from Yard #1 claim to EPI #2 claim, with east-west grids established at 100 metre intervals from 0N to 1000N on the Yard claims and 2000S to 3000S on the EPI #2 and #3 claims. Grid lines were 1 kilometer, except 0N which was 2 kilometers, and totaled to 23.9 kilometers of grids. A total of 17 rock samples and 961 soil samples were collected (Morin, 1988). One anomalous rock sample, RX 03995B, retrieved from a narrow quartz-calcite-ankerite vein with pyrite, chalcopyrite, malachite, and azurite cutting the carbonatized 'Zone C', returned 0.22% Cu, 38.3g/t Ag and 1g/t Au (Morin, 1988). Soil sampling identified three anomalous areas on the gridded portion of the Yard claims. The south-central Au ± Ag ± As ± Mo anomaly was located over silica cap mineralization termed 'Central Gully Trend' and is described as a 400 by 200-metre-wide zone (Morin, 1988). Morin (1988) describes the second anomaly as being a partial coincidence and overlap between an elongate molybdenum zone with spot highs of gold, arsenic, and silver, with reported values up to 150ppb Au, 0.6ppm Ag, 15ppm As, and 59ppm Mo. The third anomaly is described by Morin (1988) as a 450-metre-long gold-exclusive anomaly, with values up to 155ppb Au. Morin (1988) describes few anomalies over the gridded parts of the EPI claims because of a lack of response from extensive Eocene sedimentary and volcanic rocks, with the anomalous values reported from underlain Nicola Group volcanics, returning broad arsenic values up to 694ppm arsenic over 500 meters and coincident with mapped carbonatized ± silicified zones on either side of the Deadman River. Further prospecting and diamond drilling, notably the Central Gully Trend, was recommended and Morin (1988) suggests the environment is favorable for veins and replacement-hosted Au-Ag mineralization.

Two drillholes on the Gnome claims, totaling 826.33 meters, confirmed an east-dipping normal fault and associated quartz-carbonate veined fault breccia termed the Central Gully Fault (Morin, 1989). Nicola Group volcanics were locally intruded by granitic rocks of the Thuya Batholith with associated Cu-Mo porphyry style mineralization (Morin, 1989). Morin (1989) postulates that during the Eocene, the Nicola volcanics

were locally capped by siliceous sinter, silicified near the paleosurface and carbonatized further at depth. Several crosscutting faults, fractures, and shear zones in the Nicola volcanics were associated with elevated gold values, with the highest interval returning 4.62g/t Au over 0.55 meters at 114.7 meters depth (Morin, 1989).

A further 6 drillholes were completed on Yard 2, 7, 8, and 9 claims, totaling 1140.5 meters (Morin, 1989). The 1988 Yard drilling concluded a sequence of Nicola Group volcanic rocks in fault contact with an overlying block of volcanic rocks of possible Eocene age with observed chalcedony stockwork, veining, and matrix breccia cutting both blocks, but preferentially concentrated in the upper block. Morin (1989) describes the upper block as characterized by pervasive oxidation and low-grade gold values with a minimum length of 120 meters, depth up to 100 metres and width up to 200 meters.

Clayton (1990) mentions, at the time, a combined total of 26 diamond drillholes by Inco, Noranda, and Chevron have been drilled in the area defining the EPI and Yard. Clayton (1990) notes skarnification (garnet-diopside-actinolite +/- biotite, calc-silicate) is mentioned in previous drill logs and notes the lack of epithermal type alterations. Clayton (1990) continues to point out the previous working epithermal type target model had overlooked the potential for a large tonnage alkalic-porphyry type system:

> *"The presence of the Jurassic Thuya Batholith, a quartz-monzonite/granite, to the north increases the potential of this type of deposit within Triassic Nicola Group volcanics. Of note is the 1989 drill program [drillhole #72493] in which a brecciated epidote-chlorite-pyrite-calcite-hematite altered diorite intrusive was encountered in drill core and contained an average value of 1079ppb Au over 14 meters, including 4552ppb Au over 2.77 meters. This hole was not followed up in detail."*

In 1995, Queenstake Resources Ltd. completed 610 meters of NQ diamond drilling over 3 drillhole locations on the Gnome claim. Bruaset (1995) comments that the property has evidence for a moderately deeply buried porphyry system, with drilling successfully identifying pyrite halo and propylitic alteration and recommends further drilling to the west. Bruaset (1995) states "the principal potential of this system may lie in the possible occurrence of high-level mineralize structures such as breccia pipes and epithermal gold deposits which may be associated with the roof-rocks of porphyry systems." Although no mineralization of economic grade and width were encountered during the 1995 drilling, Bruaset (1995) notes how Au, As, Cu, Pb and Zn is increasing downhole on drillhole QN 95-1.

In 2009, a Douglas fir tree bark survey was completed on the Pam and Gnome claims to extend the Gnome's southern 2005 biogeochemical survey (Bruaset, 2010). Bruaset (2010) concludes that the coincident Au anomalies and Au indicators (Cu, As, Sb, Fe, Mo, and Sc) require geological follow-up work.

4.1 VID 27 Showing (MinFile #092P 127)

The Vid 27 occurrence is located 1500 meters southeast of the Vidette mine (092P 086). Dawson's (1973) Assessment Report 4257 (page 8) states that there are many prospect pits, most of which are now sloughed in. However, pyrite and chalcopyrite were noted in several spots where bedrock is visible. On the boundary between Vid #27 and Vid #28, a small pit was cut on an 8-inch (20 centimeter) quartz-carbonate vein which carries abundant pyrite and minor chalcopyrite. A selected sample from the vein assayed 0.14 ounce per ton gold (4.8 grams per tonne), 0.26 ounce per ton silver (8.9 grams per tonne) and 0.35 per cent copper.

4.2 Shelley Showing (MinFile #092P 088)

The Shelley claims are located 1500 meters southeast of the Vidette mine (092P 086). Geological Survey of Canada Memoir 179 describes two "shear zones" carrying abundant disseminated pyrite in greenstone and approximately 3 meters apart. Elsewhere, a short adit has been driven on narrow quartz and calcite stringers in a "shear zone" in greenstone.

4.3 VID 4 Showing (MinFile #092P 126)

The Vid 4 occurrence is located 1000 meters east of the Vidette mine (092P 086). Dawson's (1973) Assessment Report 4257 (page 9) states that "molybdenite was noted in two places on the Vid #4 claim. Near the mutual boundary of Vid #3 and Vid #4, two long trenches have been cut in greenstone. Traces of fine-grained molybdenite were found in a narrow quartz vein in one of these trenches. About 700 feet (225 meters) northeast of these trenches, disseminated flakes of molybdenite are found in two narrow quartz veins in a slightly porphyritic granodiorite.

4.4 Yard 2 Showing (MinFile #092P 225)

Locally, a zone of chalcedony (quartz-calcite-fluorite) veins, veinlets, stockworks and matrix breccia cuts hanging wall Eocene volcanics and footwall Nicola rocks. Diamond drilling has identified an epidote-chlorite-pyrite-calcite-hematite–altered diorite and granodiorite cut by quartz-calcite stockworks with local brecciation.

4.5 X4 Showing (MinFile #092P 031)

The area is underlain by Nicola Group greenstones, which are Upper Triassic to Lower Jurassic andesitic to basaltic volcanic rocks. The Nicola Group rocks are exposed in a window through

Miocene to Pleistocene alkaline plateau basalts of the Chilcotin Group, which blanket much of the Cariboo Plateau.

Locally, mineralization is described as greenstone with some pyrite crystals, calcite veining and chlorite alteration.

In 1991, samples yielded assays of 0.201 per cent copper (sample X0021) and 2.81 grams per tonne gold.

5.0 GEOLOGICAL SETTING AND MINERALIZATION

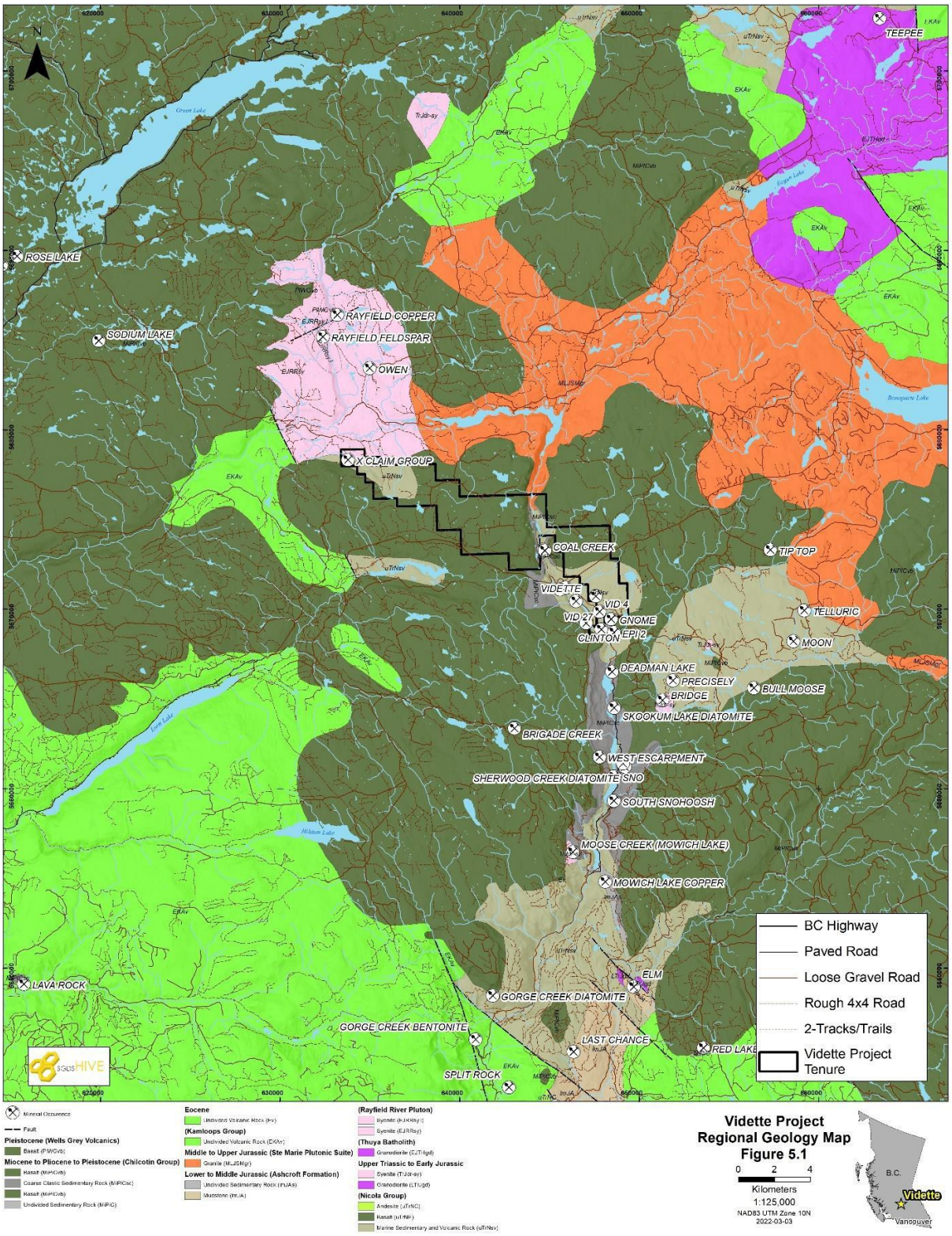
5.1 Regional Geology

The Property, 85 kilometres east of the Fraser River Fault, is hosted completely in the Intermontane Belt. The Intermontane belt began forming in the early Jurassic period when the 245-million-year-old island arc (Intermontane Islands) collided against the pre-existing continental margin (Burke, 2019).

The Intermontane Belt includes the Younger Volcanics, Post Accretionary, Overlap, Cache Creek, and Quesnellia terranes – as shown in Figure 5.1.

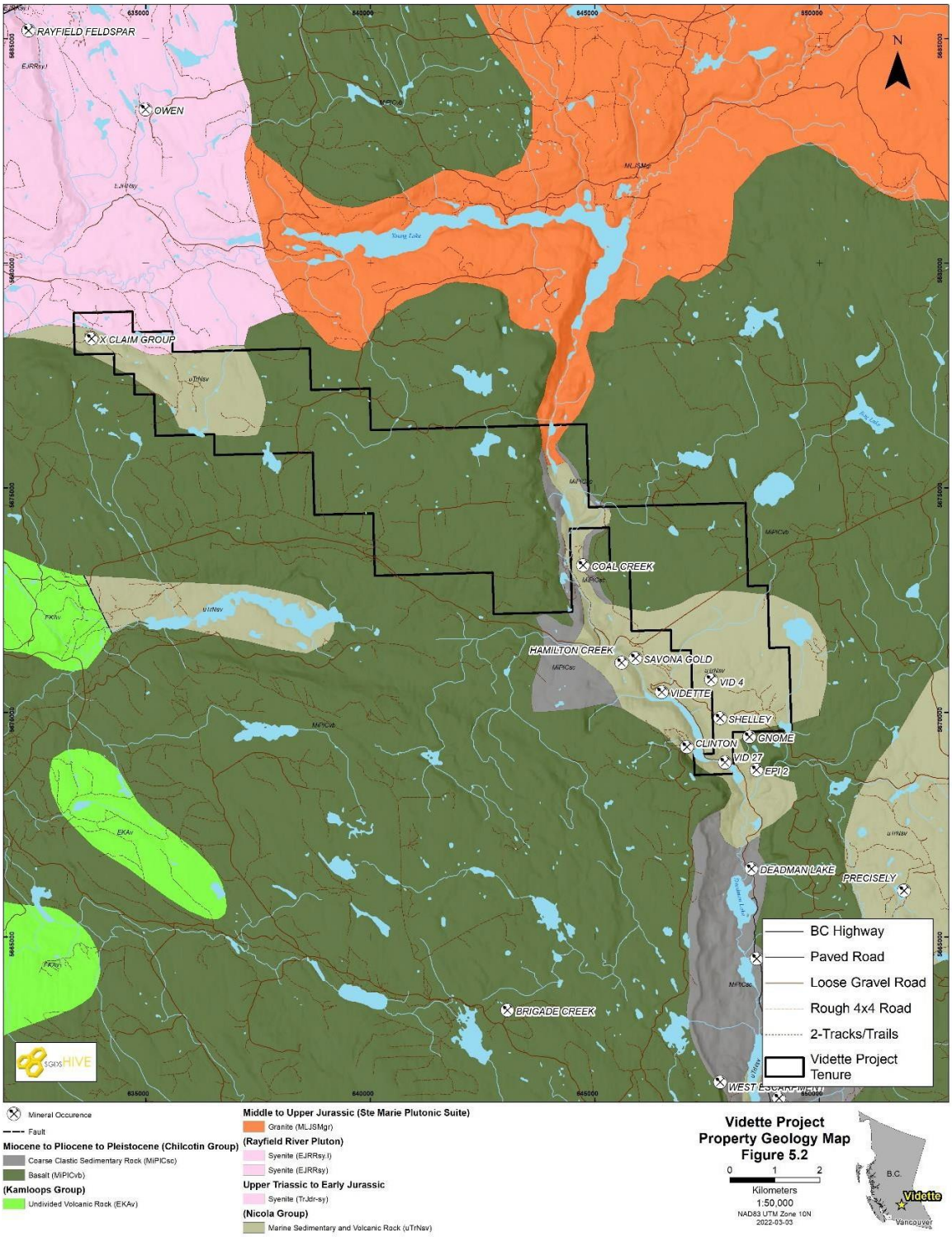
Respective to the Property, Jurassic-aged Ste. Marie Plutonic Suite intrusive and Miocene to Pleistocene-aged Younger Volcanics and Triassic-aged Nicola Group volcanic and sedimentary rocks generally surround the area.

The Property itself is almost entirely hosted in Nicola Group marine sediments and volcanic rocks, with the little remaining area defined by the Younger Volcanics and is further described the following section of this report.


TEEPEE
ROSE LAKE
RAYFIELD COPPER
RAYFIELD FELDSPAR
SODIUM LAKE
OWEN
X CLAIM GROUP
COAL CREEK
TIP TOP
VIDETTE
VID 4
VID 2
GNOME
CLINTON
EPI 2
TELLURIC
MOON
DEADMAN LAKE
PRECISELY
BULL MOOSE
BRIDGE
SKOOKUM LAKE DIATOMITE
BRIGADE CREEK
WEST ESCARPMENT
SHERWOOD CREEK DIATOMITE SNO
SOUTH SNOHOOSH
MOOSE CREEK (MOWICH LAKE)
MOWICH LAKE COPPER
ELM
GORGE CREEK DIATOMITE
GORGE CREEK BENTONITE
LAST CHANCE
RED LAKE
SPLIT ROCK
LAVA ROCK
BC Highway
Paved Road
Loose Gravel Road
Rough 4x4 Road
2-Tracks/Trails
Vidette Project Tenure
Mineral Occurence
Fault
Pleistocene (Wells Grey Volcanics)
Basalt (PlWCvb)
Miocene to Pliocene to Pleistocene (Chilcotin Group)
Basalt (MiPlCvb)
Coarse Clastic Sedimentary Rock (MiPlCsc)
Basalt (MiPlCvb)
Undivided Sedimentary Rock (MiPlC)
Eocene
Undivided Volcanic Rock (Ev)
(Kamloops Group)
Undivided Volcanic Rock (EKAv)
Middle to Upper Jurassic (Ste Marie Plutonic Suite)
Granite (MLJSMgr)
Lower to Middle Jurassic (Ashcroft Formation)
Undivided Sedimentary Rock (lmJAs)
Mudstone (lmJA)
(Rayfield River Pluton)
Syenite (EJRRsy)
(Thuya Batholith)
Granodiorite (EJTrgd)
Upper Triassic to Early Jurassic
Syenite (TrJdr-sy)
Granodiorite (LTrJgd)
(Nicola Group)
Andesite (uTrNC)
Basalt (uTrNb)
Marine Sedimentary and Volcanic Rock (uTrNsv)
Vidette Project
Regional Geology Map
Figure 5.1
0 2 4
Kilometers
1:125,000
NAD83 UTM Zone 10N
2022-03-03
B.C.
Vidette
Vancouver

5.2 Property Geology

The northwest and southeast areas of the Property are hosted in Triassic-aged Nicola Group (uTrNsv) unit includes volcanic sandstone, conglomeratic sandstone, siltstone, basalt, and basalt breccia, which includes local limestone, slate, felsic tuff, conglomerate, and chert. The two inliers of Nicola Group rocks have been made visible by erosion through an overlying layer of younger volcanics further defined as Neogene to Pleistocene-aged Chilcotin Group which composes most of the central part of the Property. The Chilcotin Group is described as olivine basalt flows; minor interflow breccia and pillow breccias; locally includes gabbro, conglomerate, sandstone, siltstone, and diatomite (Logan & Schiarizza, 2014). The northwest portion of the Property just borders the Early Jurassic hornblende-syenite of the Rayfield River Pluton where copper mineralization is widespread but low grade (Logan & Schiarizza, 2014). A small section of the Middle Jurassic Monzogranite of the Bonaparte Lake phase of the Tuya Batholith is indicated in the norther central part of the Property (Logan & Schiarizza, 2014). The Nicola rocks around the past producing Vidette Mine are intruded by biotite-hornblende granodiorite plugs that are possibly related to the Tuya Batholith (Vidette Minfile 092P 086).


RAYFIELD FELDSPAR
OWEN
X CLAIM GROUP
COAL CREEK
HAMILTON CREEK
SAVONA GOLD
VID 4
VIDETTE
SHELLEY
GNOME
CLINTON
VID 27
EPI 2
DEADMAN LAKE
PRECISELY
BRIGADE CREEK
WEST ESCARPMENT
N
BC Highway
Paved Road
Loose Gravel Road
Rough 4x4 Road
2-Tracks/Trails
Vidette Project Tenure
Mineral Occurence
Fault
Miocene to Pliocene to Pleistocene (Chilcotin Group)
Coarse Clastic Sedimentary Rock (MiPlCsc)
Basalt (MiPlCvb)
(Kamloops Group)
Undivided Volcanic Rock (EKAv)
Middle to Upper Jurassic (Ste Marie Plutonic Suite)
Granite (MLJSMgr)
(Rayfield River Pluton)
Syenite (EJRRsy.l)
Syenite (EJRRsy)
Upper Triassic to Early Jurassic
Syenite (TrJdr-sy)
(Nicola Group)
Marine Sedimentary and Volcanic Rock (uTrNsv)
Vidette Project
Property Geology Map
Figure 5.2
0 1 2
Kilometers
1:50,000
NAD83 UTM Zone 10N
2022-03-03
B.C.
Vidette
Vancouver

6.0 DEPOSIT TYPES

Au Quartz Veins Greenstone with Pyrite Crystals, Calcite Veining and Chlorite Alteration (X4)

Veins, Breccia and Stockwork Local zone of Chalcedony (Quartz-Calcite-Fluorite) Veins, Stockwork, Matrix Breccia (Yard 2)

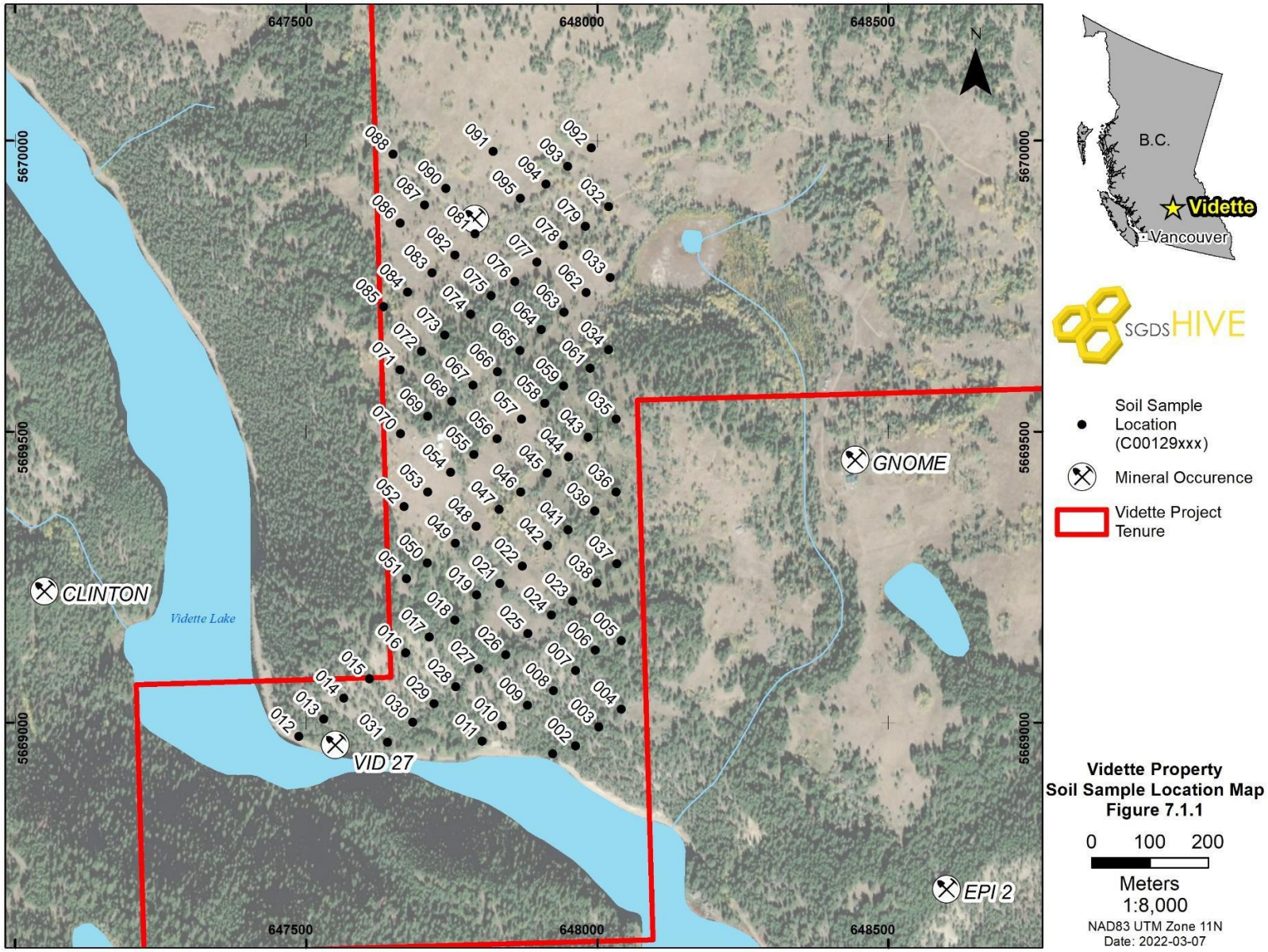
Porphyry Mo Intruded by Biotite Hornblende Granodiorite Plugs., Traces of Molybdenite were found in two narrow quartz veins in slightly porphyritic granodiorite (Vid 4 and Shelley)

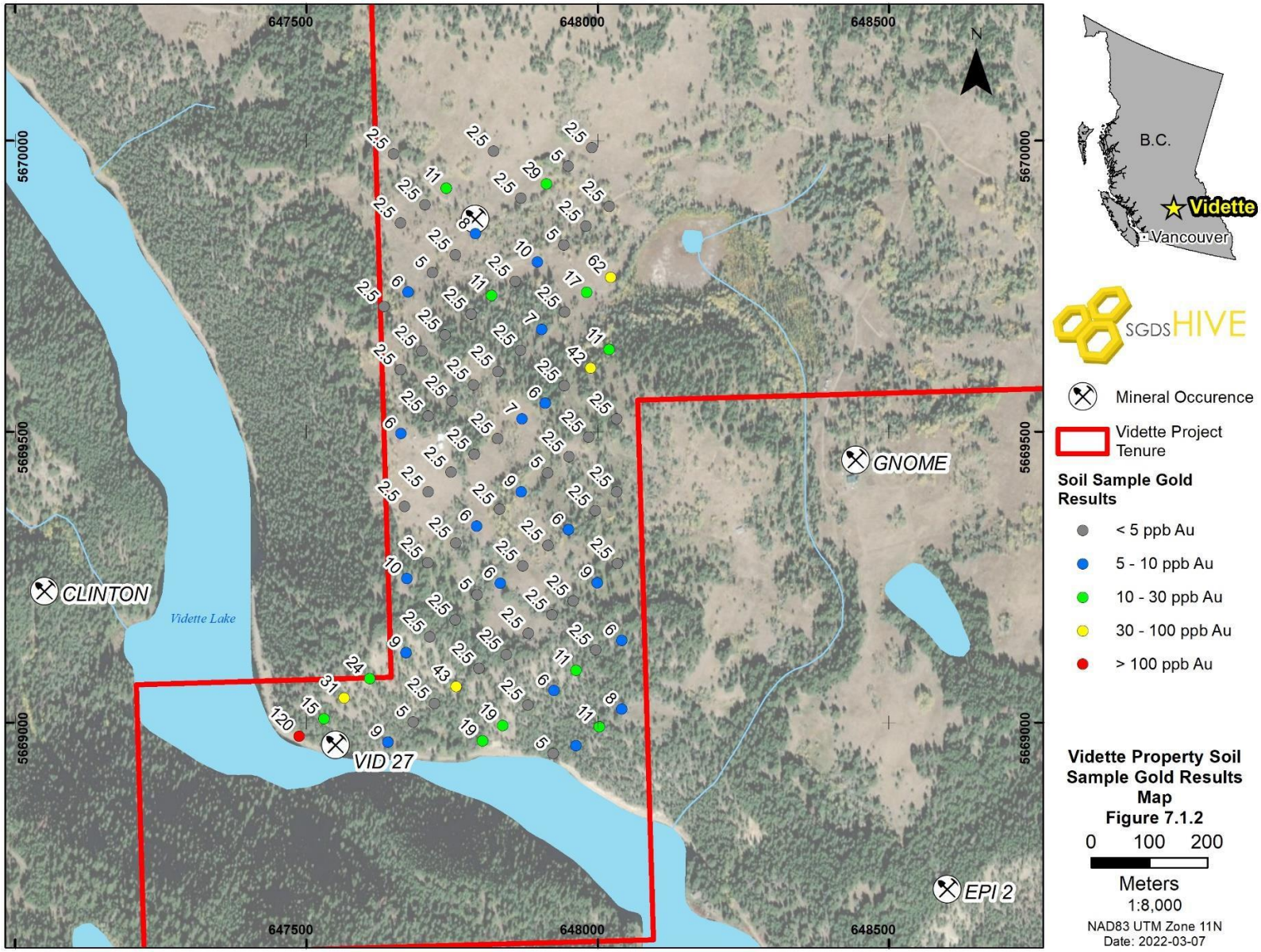
Porphyry Cu, Mo, Au almost same as Vid 4, old prospect pits, now filled in, pyrite and chalcopyrite were noted on bedrock. A 1973 sample taken from vein in a pit assayed 0.14oz/t Au, 0.26oz/t Ag, 0.35% Cu (Dawson, 1973).

7.0 EXPLORATION

7.1 Soil Sampling

A total of 95 soil samples were taken between DATE in the area on the north shore of Vidette Lake between the VID 27 and Shelly MinFile occurrences. Figure 7.1.1 shows the extent of this sampling program and Figures 7.1.2 to 7.1.4. shows gold, copper, and zinc results.


647500
648000
648500
5670000
5669500
5669000
N
B.C.
Vidette
Vancouver
SGDSHIVE
Soil Sample Location (C00129xxx)
Mineral Occurence
Vidette Project Tenure
CLINTON
GNOME
EPI 2
VID 27
Vidette Lake
Vidette Property
Soil Sample Location Map
Figure 7.1.1
0 100 200
Meters
1:8,000
NAD83 UTM Zone 11N
Date: 2022-03-07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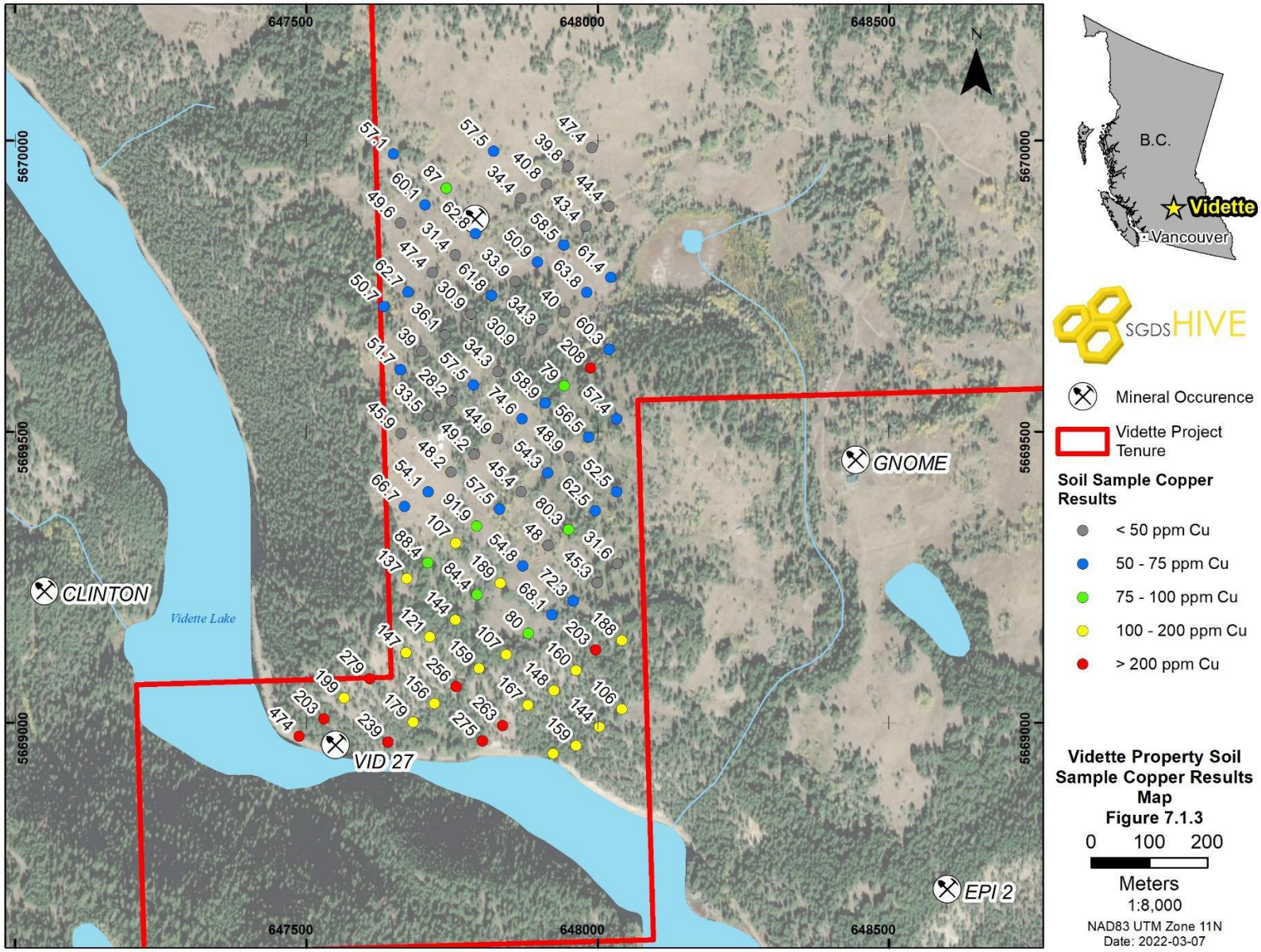
648500
5670000
5669500
5669000
N
CLINTON
Vidette Lake
GNOME
EPI 2
VID 27
B.C.
Vidette
Vancouver
SGDS HIVE
Mineral Occurence
Vidette Project Tenure
Soil Sample Gold Results
< 5 ppb Au
5 - 10 ppb Au
10 - 30 ppb Au
30 - 100 ppb Au
> 100 ppb Au
Vidette Property Soil Sample Gold Results Map
Figure 7.1.2
0 100 200
Meters
1:8,000
NAD83 UTM Zone 11N
Date: 2022-03-07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5669000
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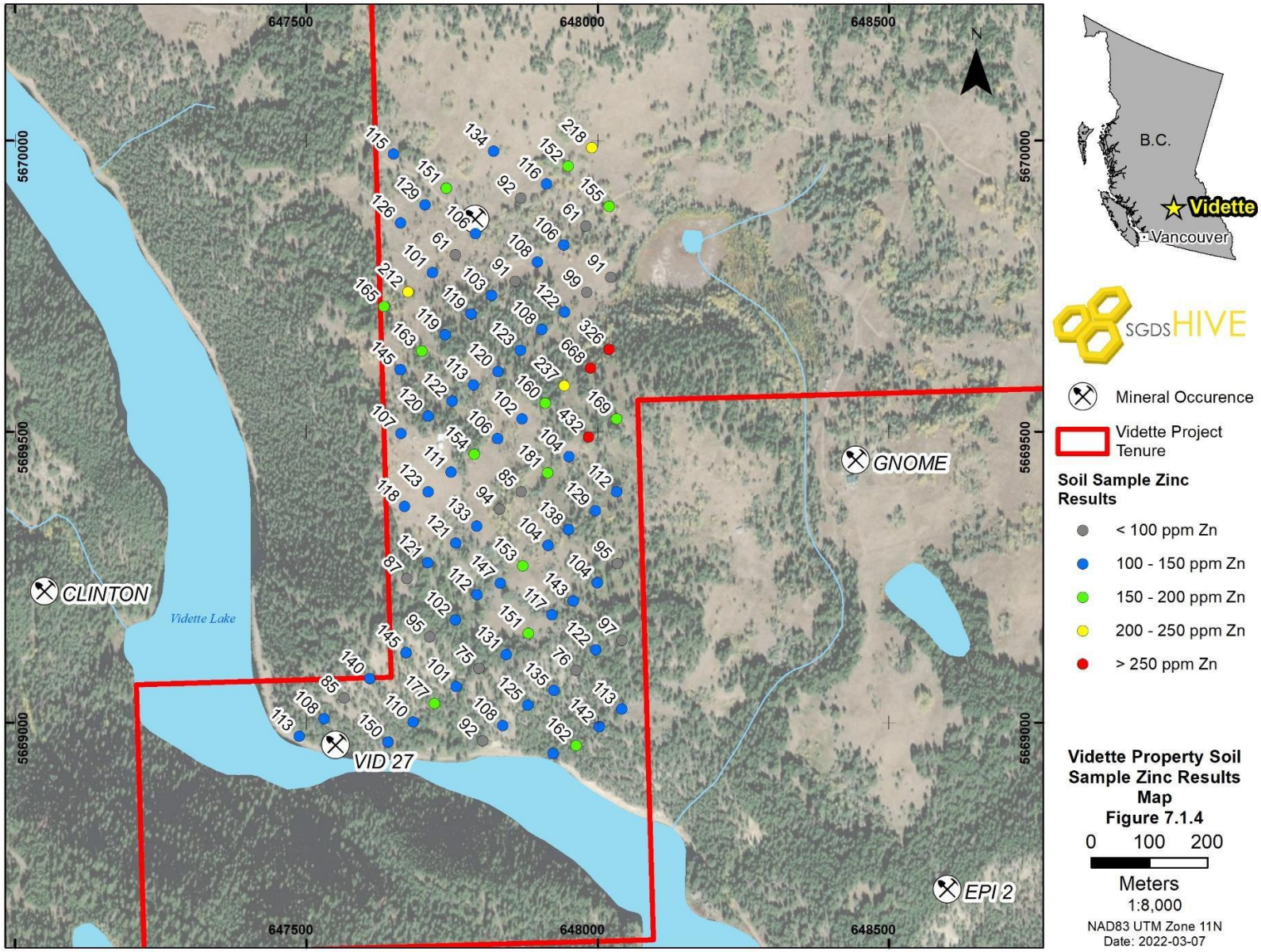
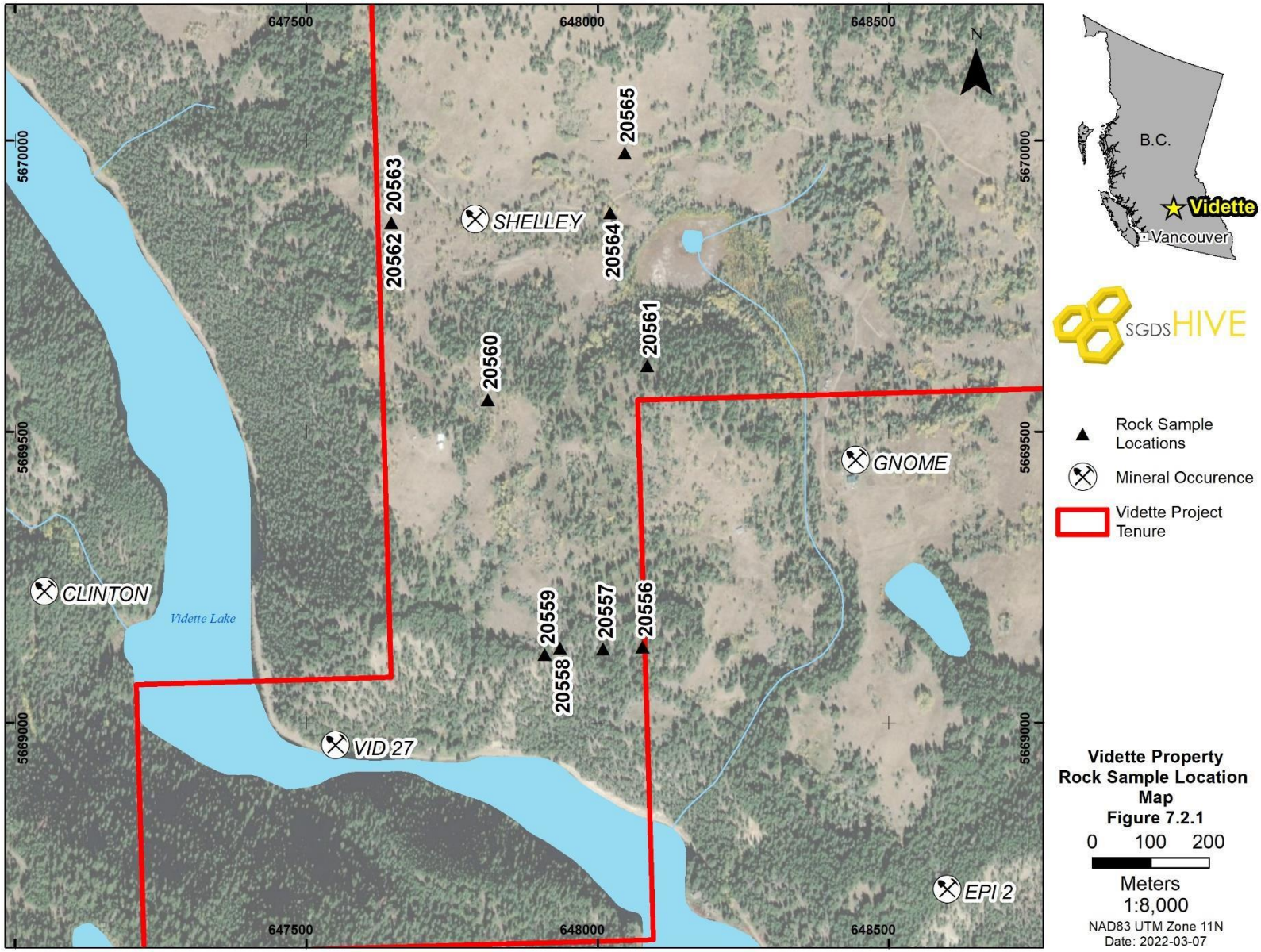
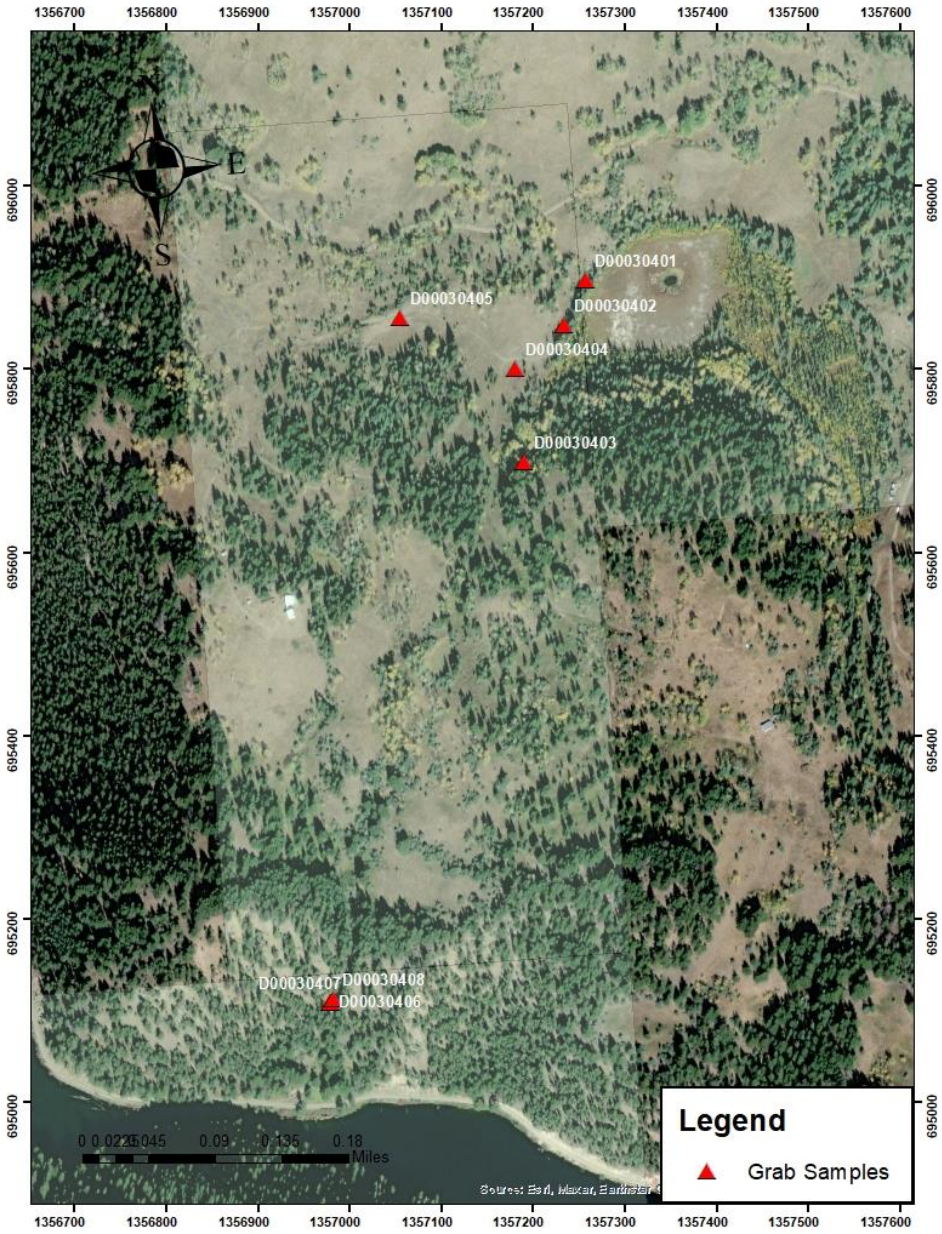
57.1
57.5
47.4
39.8
40.8
44.4
87
34.4
60.1
43.4
49.6
62.8
58.5
61.4
31.4
50.9
47.4
33.9
63.8
62.7
61.8
40
50.7
30.9
34.3
60.3
36.1
30.9
208
39
34.3
51.7
79
57.4
57.5
28.2
58.9
33.5
74.6
56.5
45.9
44.9
48.9
49.2
54.3
52.5
48.2
45.4
54.1
62.5
66.7
57.5
80.3
91.9
107
48
31.6
88.4
54.8
45.3
137
84.4
189
72.3
68.1
144
188
121
80
203
147
107
160
159
279
256
148
106
199
156
167
144
203
179
263
474
239
275
159
CLINTON
Vidette Lake
VID 27
GNOME
EPI 2
B.C.
Vidette
Vancouver
SGDS HIVE
Mineral Occurence
Vidette Project Tenure
Soil Sample Copper Results
< 50 ppm Cu
50 - 75 ppm Cu
75 - 100 ppm Cu
100 - 200 ppm Cu
> 200 ppm Cu
Vidette Property Soil Sample Copper Results Map
Figure 7.1.3
0 100 200
Meters
1:8,000
NAD83 UTM Zone 11N
Date: 2022-03-07


647500
648000
648500
5670000
5669500
5669000
N
CLINTON
GNOME
EPI 2
VID 27
Vidette Lake
B.C.
Vidette
Vancouver
SGDS HIVE
Mineral Occurence
Vidette Project Tenure
Soil Sample Zinc Results
< 100 ppm Zn
100 - 150 ppm Zn
150 - 200 ppm Zn
200 - 250 ppm Zn
> 250 ppm Zn
Vidette Property Soil Sample Zinc Results Map
Figure 7.1.4
0 100 200
Meters
1:8,000
NAD83 UTM Zone 11N
Date: 2022-03-07

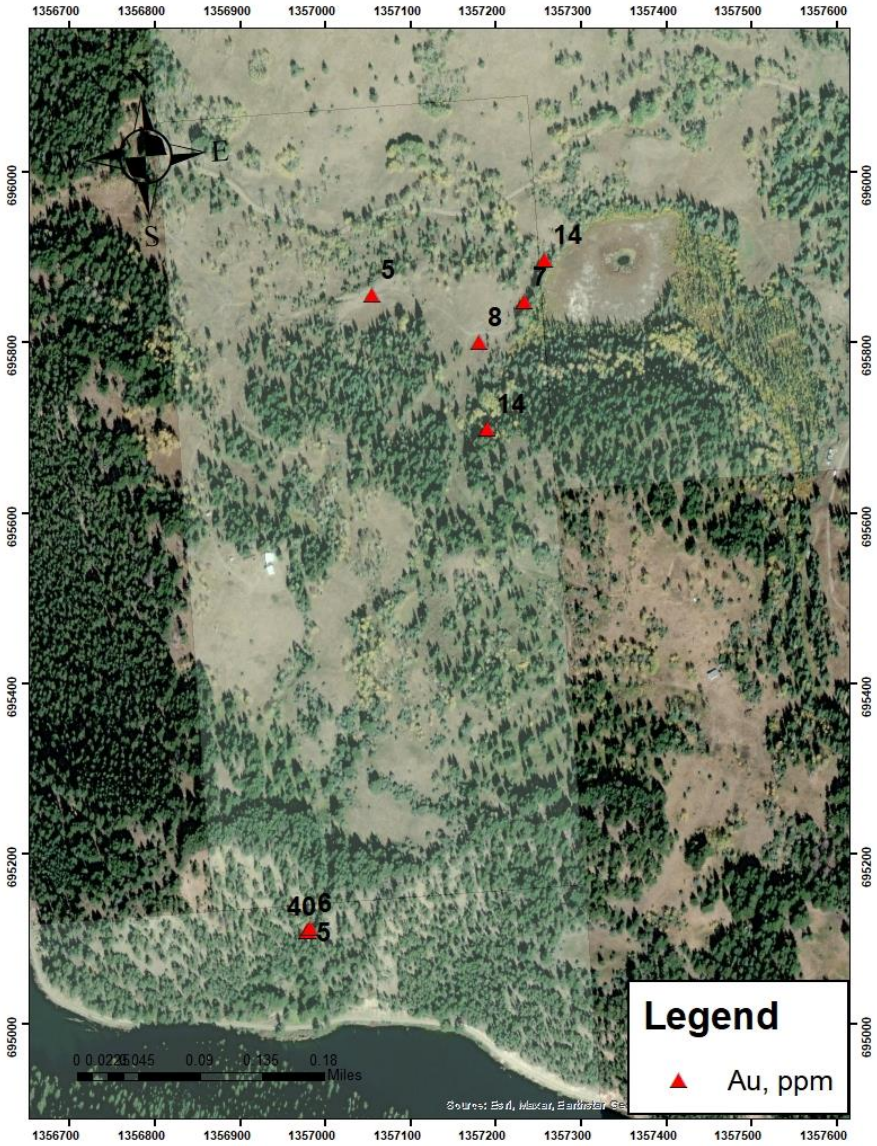
7.2 Rock Sampling

Ten grab and float samples were collected during this season. One grab sample produced the best sample for both gold (37 ppb) and Copper (1,200ppm) that was a select sample of altered volcanics from an old trench containing disseminated pyrite, chalcopyrite and possible arsenopyrite. Sampling a piece of float 400 meters to west of the old trench sample did produce anomalous numbers for copper (315 ppm) and zinc (102 ppm). The piece of float is an altered volcanic angular rock with disseminated pyrite. Figure 7.2.1 shows the location of these rock samples and Figures 7.2.2 to 7.2.4 shows gold, copper and zinc results.

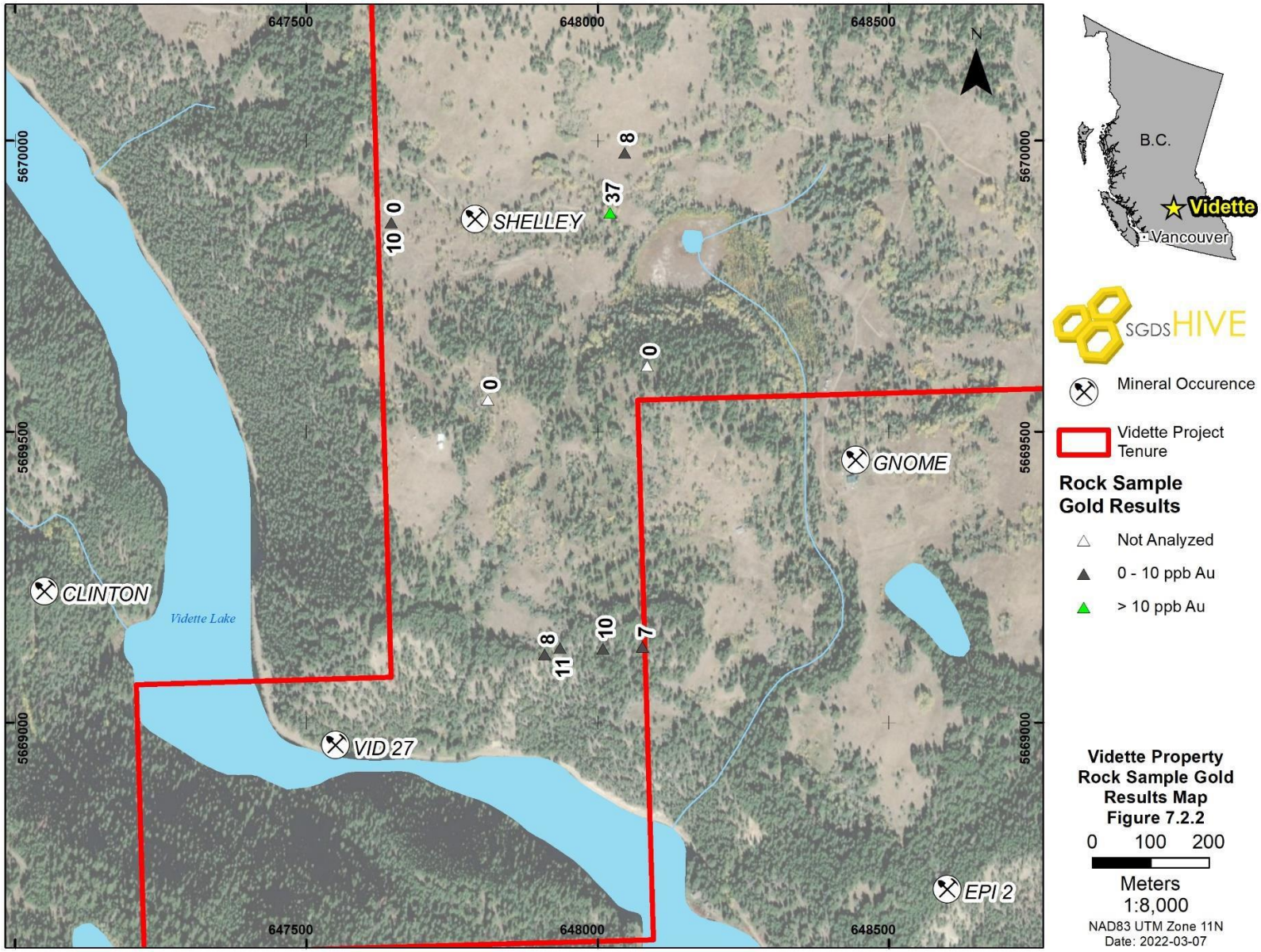

647500
648000
648500
5670000
5669500
5669000
N
20565
20563
20562
20564
20561
20560
SHELLEY
GNOME
CLINTON
Vidette Lake
20559
20558
20557
20556
VID 27
EPI 2
B.C.
Vidette
Vancouver
SGDS HIVE
Rock Sample Locations
Mineral Occurence
Vidette Project Tenure
Vidette Property
Rock Sample Location
Map
Figure 7.2.1
0 100 200
Meters
1:8,000
NAD83 UTM Zone 11N
Date: 2022-03-07

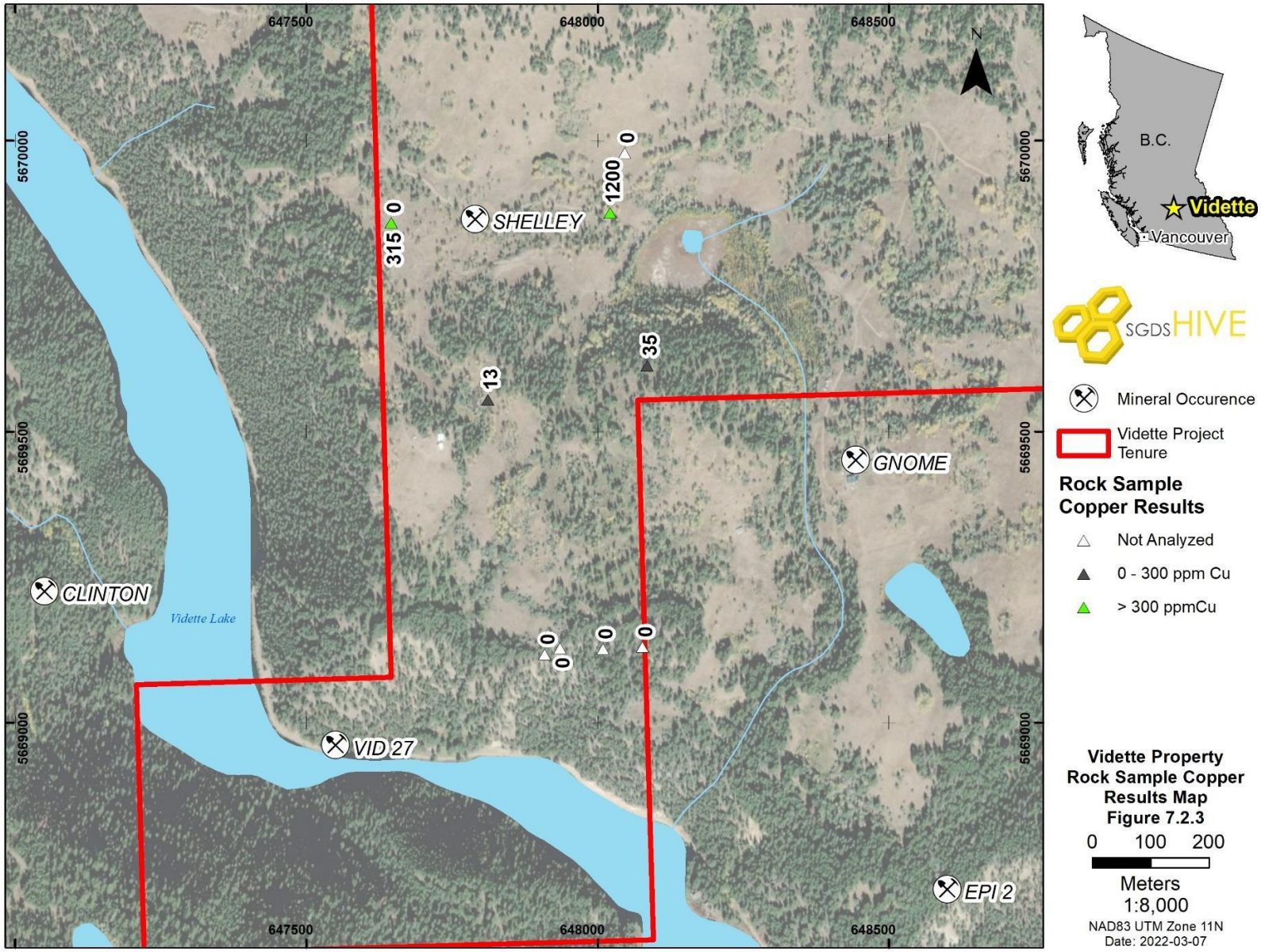


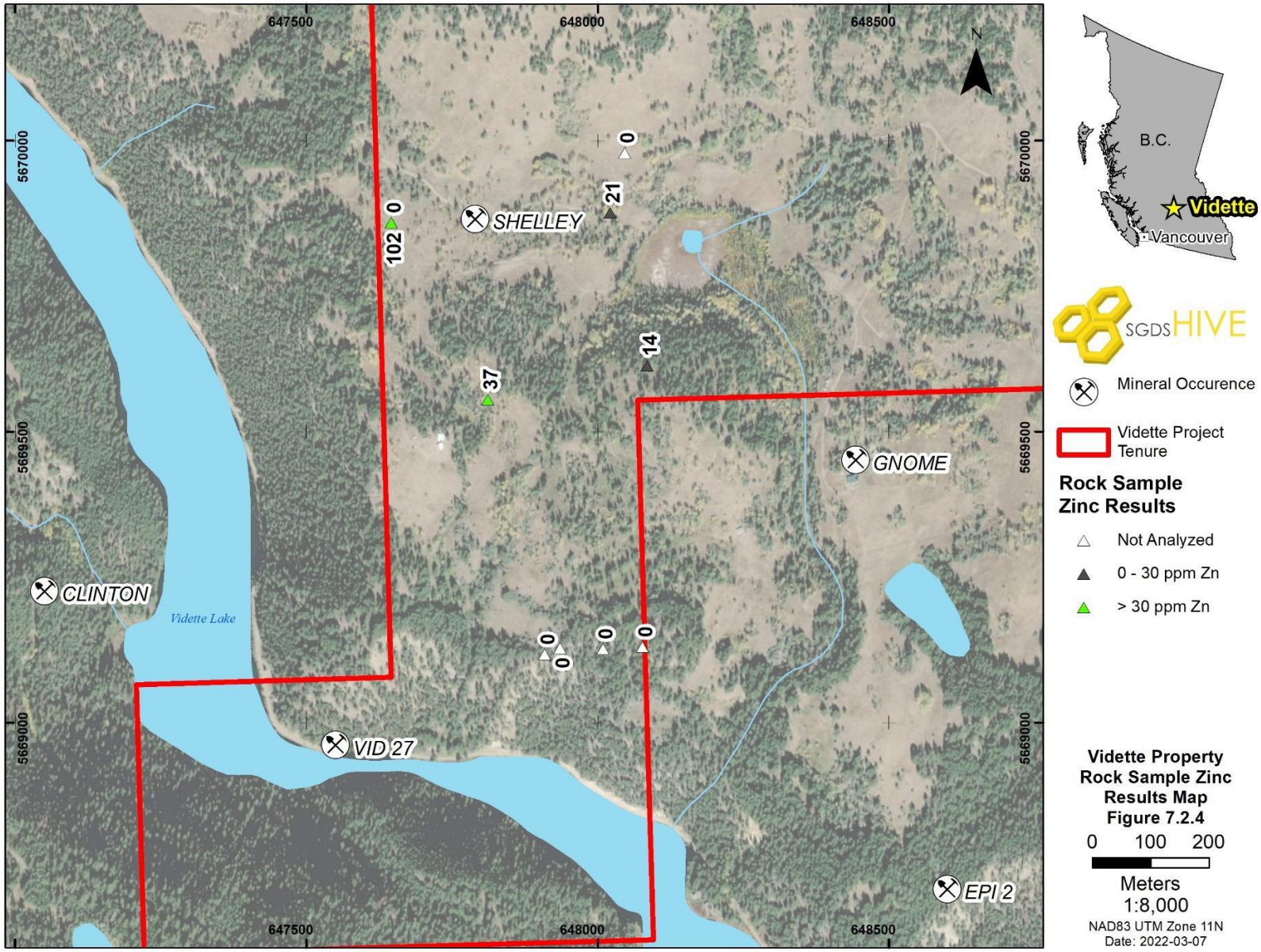
Rock Samples location



Rock Samples Gold Results


647500
648000
648500
5670000
5669500
5669000
N
SHELLEY
GNOME
CLINTON
VID 27
EPI 2
Vidette Lake
10
0
37
8
0
0
8
11
10
7
B.C.
Vidette
Vancouver
SGDS HIVE
Mineral Occurence
Vidette Project Tenure
Rock Sample Gold Results
Not Analyzed
0 - 10 ppb Au
> 10 ppb Au
Vidette Property Rock Sample Gold Results Map
Figure 7.2.2
0 100 200
Meters
1:8,000
NAD83 UTM Zone 11N
Date: 2022-03-07

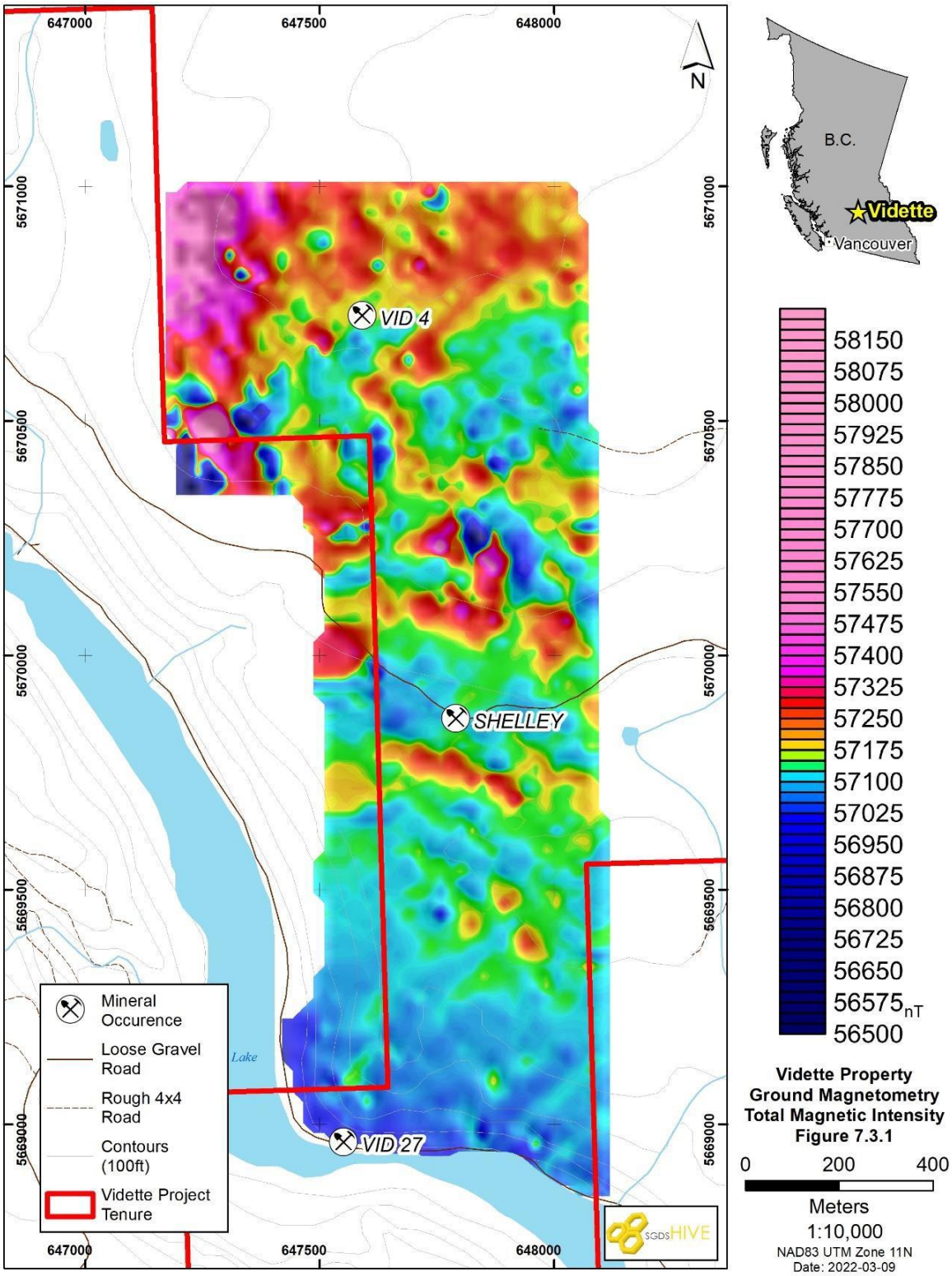

647500
648000
648500
5670000
5669500
5669000
N
SHELLEY
315
0
1200
0
35
13
GNOME
CLINTON
Vidette Lake
0
0
0
VID 27
EPI 2
B.C.
Vidette
Vancouver
SGDS HIVE
Mineral Occurence
Vidette Project Tenure
Rock Sample Copper Results
Not Analyzed
0 - 300 ppm Cu
> 300 ppmCu
Vidette Property
Rock Sample Copper Results Map
Figure 7.2.3
0 100 200
Meters
1:8,000
NAD83 UTM Zone 11N
Date: 2022-03-07


647500
648000
648500
5670000
5669500
5669000
N
SHELLEY
GNOME
CLINTON
VID 27
EPI 2
Vidette Lake
0
102
21
14
37
B.C.
Vidette
Vancouver
SGDS HIVE
Mineral Occurence
Vidette Project Tenure
Rock Sample Zinc Results
Not Analyzed
0 - 30 ppm Zn
> 30 ppm Zn
Vidette Property Rock Sample Zinc Results Map
Figure 7.2.4
0 100 200
Meters
1:8,000
NAD83 UTM Zone 11N
Date: 2022-03-07

7.3 Magnetometry

A ground magnetometry survey was undertaken partially across the Yard and Amy tenures of the southwest project area. The survey covered a total of 1,160 hectares along southeast to northwest trending survey lines, spaced 100 meters apart, with a final total of 12-line kilometers completed.

The purpose of the survey was to measure the magnetic intensity and geometry within the survey area to aid in geological mapping, as well as detect structures in the underlying bedrock which could host gold mineralization. The survey was conducted with two backpack mounted GSM-19W Overhauser "Walking" magnetometers and a stationary GSM-19T "Proton" base station unit, which was set up to record diurnal variations in the regional magnetic field during the survey. Positioning data was provided by handheld Garmin GPS64 units which were carried by each instrument operator in the field. Following the completion of the survey, a set of corrections and quality control (QC) procedures were applied to the magnetic data file including diurnal correction, low-pass noise reduction, and individual operator leveling. After this QC process was completed, the data was interpolated using industry-standard Golden Surfer 12 software. After gridding, high-resolution Total Magnetic Intensity (TMI) imagery was exported as a georeferenced TIFF image with matching contour shapefile. An additional Google Earth overlay was also created from the same magnetic data.


647000
647500
648000
N
5671000
5670500
5670000
5669500
5669000
VID 4
SHELLEY
VID 27
Lake
Mineral Occurence
Loose Gravel Road
Rough 4x4 Road
Contours (100ft)
Vidette Project Tenure
B.C.
Vidette
Vancouver
58150
58075
58000
57925
57850
57775
57700
57625
57550
57475
57400
57325
57250
57175
57100
57025
56950
56875
56800
56725
56650
56575 nT
56500
Vidette Property
Ground Magnetometry
Total Magnetic Intensity
Figure 7.3.1
0
200
400
Meters
1:10,000
NAD83 UTM Zone 11N
Date: 2022-03-09

8.0 DRILLING

No drilling was completed on this project during this work program.

9.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

9.1 Soil Samples

The soil samples were collected using an auger tool with the aim to target the B soil horizon usually between 15-40cm. The samples were then placed in a paper soil bag with a unique sample tag and sealed. The location was recorded on a handheld Garmin GPS receiver in the standard UTM (Universal Transverse Mercator) NAD83 Zone 10 format.

When the samples were compiled to get ready for delivery, prepackaged standards purchased from OREAS, and sample blanks made of dolomite purchased at a hardware store were inserted into the sample sets for QAQC procedures. The soil samples were then bagged with a unique security tag and hand delivered to SGS labs in Burnaby, BC for analysis. The soil samples were submitted to SGS labs in Burnaby, BC for analysis. SGS is an International Standards Organization (ISO) 9001 Geochemical and assaying laboratory.

The soil samples once in the lab were weighed and put through two testing streams. Both procedures started with drying the sample and crushing it until desired grain size was reached. To homogenize and obtain a nonbiased sample, the crushed sample was put through a rifle splitter until the desired sample weight was achieved. The gold grade was then determined from a 30 g sample. This sample was then processed using lead collection fire assay and finished with Atomic Absorption Spectroscopy (AAS.) For the rest of the elements, the sample was processed first using an aqua regia digest of the homogenized rifle split sample and then tested using Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES.)

9.2 Rock Samples

The 2021 rock samples were collected using a hammer from outcrops, talus, or boulders (sample numbers D00030401-408, 351-352, Table 2.2). Samples were placed in a poly ore bag with a sample tag marked with unique sample number also placed inside each sample bag and sealed with a cable tie. The site position was recorded using a handheld GPS receiver in UTM NAD83 Zone 10 format. Once taken, the samples were kept in a secure location while the program was still underway.

When the samples were compiled to get ready for delivery, prepackaged standards purchased from OREAS, and sample blanks made of dolomite purchased at a hardware store were inserted into the sample sets for QAQC procedures. The 2019 rock samples were then bagged with a unique security tag and hand delivered to SGS labs in Burnaby, BC for analysis. SGS is an International Standards Organization (ISO) 9001 Geochemical and assaying laboratory.

The rocks once in the lab were weighed and put through two testing streams. Both procedures started with drying the sample and crushing it until desired grain size was reached. To homogenize and obtain a nonbiased sample, the crushed sample was put through a rifle splitter until the desired sample weight was achieved. The gold grade was then determined from a 30 g sample. This sample was then processed using lead collection fire assay and finished with Atomic Absorption Spectroscopy (AAS.) For the rest of the elements, the sample was processed first using an aqua regia digest of the homogenized rifle split sample and then tested using Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES.). The results provided in Appendix 3 – Lab Certificates Analysis Report BBM-21-10048.

In addition to the grab samples collected during the fieldwork, this report includes historical results from samples provided by prospector Leonard Gal, who acquired the property on April 9, 2020 (Minfile event #5800025) and sold the property on May 5, 2021 (Sale event #5835631). The results of these samples are provided the Appendix 3 – Lab Certificates Report #21-07093.

Table 2.2 Location and description of grab samples

SAMPLE NUMBER	UTM EASTING	UTM NORTHING	PRIMARY LITHOLOGY	SAMPLE DESCRIPTION
D00030401	648068	5669823	Quartz Vein	Banded chalcedonized quartz with brecciated clasts of host rock (metabasalt, green), trace hematite, trace pyrite(?)
D00030402	648043	5669776	Basalt	2% py, hornfels/altered volcanic; pyroxenes(?) mottled nodules, brown-blue green, massive, high specific gravity.
D00030403	647993	5669628	Quartz Vein	Trace malachite, cpy, py epithermal banded qtz vein.
D00030404	647988	5669731	Quartz Vein	Massive, sugary, brecciated, banded/chalcedonized quartz, low-S(?) trace py, composite float.

D00030405	647865	5669791	Quartz Vein	FeOx weathered fracture cross-cutting chalcedonized epithermal-style qtz vein, banded, massive.
D00030406	647755	5669049	Quartz Vein	Quartz follow-up from previous day survey observation; small, barren qtz vein, minor texture, no mineral, Nicola-hosted.
D00030407	647757	5669050	Quartz Vein	Float coincident, inferred subrop of massive, FeOx stringer, banded/pseudo-chalcedonized vein material; 2% FeOx, minor blade/vug textures; 3x samples
D00030408	647759	5669054	Quartz Vein	Float coincident, inferred subrop of massive, FeOx stringer, banded/pseudo-chalcedonized vein material; 2% FeOx, minor blade/vug textures; 3x samples
D00030351			missing field data	
D00030352			missing field data	

10.0 ENVIRONMENTAL STUDIES, PERMITTING AND SOCIAL OR COMMUNITY IMPACT

No such studies were undertaken during this work program; however, we have maintained close contact with the claim holders around the Vidette mines and have worked with them to enhance data collection.

11.0 INTERPRETATION AND CONCLUSIONS

Although the work was limited in its coverage, the soil results clearly show a continuation of the northwest to southeast copper trend that runs down Vidette Lake. The soils also showed elevated gold in the same corridor.

The working hypothesis is that the valley floor represents a fault of other fracture system that has allowed fluids to rise through the crust. These formed the base of a low-sulphidation epithermal system, depositing quartz veins with precious metals in what is now the valley walls. The easily accessibly material formed the core of the Vidette mine. Where the structure is obscured by the later basalt cover, the epithermal systems could still be intact. This is further bolstered by the presence of mercury anomalies in the area (but not within the project boundaries) which usually relate to the very top (hot spring environment) of these systems. An intact, uneroded epithermal structure would have its precious and base metal horizons preserved at depth.

12.0 RECOMMENDATIONS

- Expand the soil grids to establish the presence of other anomalies, such as mercury or antimony which could indicate a buried hot spring / low sulphidation epithermal system.
- Expand the ground magnetic surveys – this can be extremely useful for determining fluid pathway structures and areas of offset for targeting.

These recommendations should be completed in tandem with a permit application to allow for trenching and eventual drilling of the property and target areas.

13.0 REFERENCES

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Morin, J.A. (1989): Diamond Drilling Report. British Columbia Ministry of Energy, Mines, and Petroleum Resources Assessment Report #19136.

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Wilson, R. (1986): Report on Drilling on the Gnome Claim. British Columbia Ministry of Energy, Mines, and Petroleum Resources Assessment Report #15120.

14.0 STATEMENT OF QUALIFICATIONS

I, Andrew Randell with business address SGDS Hive, 330-470 Granville Street, Vancouver, British Columbia, V6C 1V4, do hereby certify that:

1. I am Principal Geoscientist of SGDS Hive Geological, 330-470 Granville Street, Vancouver, British Columbia, V6C 1V4

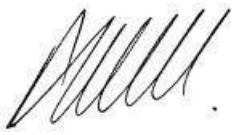
2. I graduated with a bachelor's degree in Environmental Geoscience from the University of Wales, College of Cardiff.

3. I have worked as a geologist for a total of 15 years, particularly in various geological environments in Western Canada.

4. I prepared and / or reviewed all sections of this assessment report

6. I am not aware of any material fact or material change with respect to the subject matter of the Assessment Report that is not reflected in the Assessment Report, the omission to disclose which makes the Assessment Report misleading.

7. I am not independent of the issuer as I also hold the assets of Aeonian Resources.



Appendix 1 - Soil Sampling Summary Tables

STATION DATE	SAMPLE NUMBER	No Sample	UTM EASTING	UTM NORTHING	ELEVATION	Sampled From
2021-05-18	C00129001		647923.92	5668946.76	887.2231	B Horizon
2021-05-18	C00129002		647963.58	5668959.92	902.4374	B Horizon
2021-05-18	C00129003		648003.09	5668992.55	951.6085	B Horizon
2021-05-18	C00129004		648041.89	5669023.38	972.4878	B Horizon
2021-05-18	C00129005		648041.78	5669141.22	1010.031	B Horizon
2021-05-18	C00129006		5669120.95	5669120.95	1013.722	BC Horizon
2021-05-18	C00129007		647963	5669089.32	998.1927	BC Horizon
2021-05-18	C00129008		647925.5	5669054.86	966.7571	BC Horizon
2021-05-18	C00129009		647880.59	5669029.87	943.7699	B Horizon
2021-05-18	C00129010		647837.3	5668994.68	911.417	C Horizon
2021-05-18	C00129011		647802.5	5668968.42	883.5887	C Horizon
2021-05-18		yes	647762.62	5668934.47		
2021-05-18	C00129012		647487.47	5668976.73	877.7952	C Horizon
2021-05-18	C00129013		647530.58	5669006.01	914.306	C Horizon
2021-05-18	C00129014		647565.02	5669042.27	953.7748	BC Horizon
2021-05-18	C00129015		647609	5669075.37	979.1922	B Horizon
2021-05-18	C00129016		647671.62	5669119.9	992.5735	B Horizon
2021-05-18	C00129017		647712.06	5669147.1	1006.557	B Horizon
2021-05-18	C00129018		647756.21	5669176.52	994.64	B Horizon
2021-05-18	C00129019		647793.26	5669219.43	976.4152	B Horizon
2021-05-18	C00129021		647833.49	5669239.39	994.0761	B Horizon
2021-05-18	C00129022		647871.62	5669268.97	1010.447	B Horizon
2021-05-18	C00129023		647958.86	5669209.05	1011.857	B Horizon
2021-05-18	C00129024		647922.18	5669185.08	1010.92	B Horizon
2021-05-18	C00129025		647881.1	5669153.3	995.4511	Bh Horizon
2021-05-18	C00129026		647843.09	5669116.93	977.071	B Horizon
2021-05-18	C00129027		647796.62	5669092.66	972.7137	B Horizon
2021-05-18	C00129028		647757.34	5669061.83	950.0359	BC Horizon
2021-05-18	C00129029		647720.11	5669032.37	918.7796	B Horizon
2021-05-18	C00129030		647683.64	5669000.94	907.535	B Horizon
2021-05-19	C00129031		647640.1	5668966.47	1001.245	C Horizon
2021-05-19	C00129032		648019.9	5669886.86	1037.865	B Horizon
2021-05-19	C00129033		648023.13	5669764.87	1024.022	B Horizon
2021-05-19	C00129034		648019.9	5669641.14	1031.284	B Horizon
2021-05-19	C00129035		648033.13	5669521.89	1053.292	B Horizon
2021-05-19	C00129036		648033.17	5669396.59	1044.066	B Horizon
2021-05-19	C00129037		648034.27	5669273.22	1040.439	B Horizon

2021-05-19	C00129038		647999.88	5669240.18	1036.428	B Horizon
2021-05-19	C00129039		647996.24	5669364.15	1039.649	B Horizon
2021-05-19	C00129041		647950.44	5669331.45	1038.014	B Horizon
2021-05-19	C00129042		647915.25	5669304.06	1032.47	B Horizon
2021-05-19	C00129043		647985.12	5669490.58	1046.433	B Horizon
2021-05-19	C00129044		647950.89	5669456.87	1043.85	B Horizon
2021-05-19	C00129045		647914.74	5669429.02	1029.345	B Horizon
2021-05-19	C00129046		647869.35	5669396.33	1025.952	B Horizon
2021-05-19	C00129047		647831.99	5669366.76	1019.282	B Horizon
2021-05-19	C00129048		647792.59	5669337.7	1016.934	Bh Horizon
2021-05-19	C00129049		647756.9	5669308.63	997.1784	B Horizon
2021-05-19	C00129050		647708.81	5669274.65	988.0339	B Horizon
2021-05-19	C00129051		647672.43	5669247.67	1003.333	B Horizon
2021-05-19	C00129052		647668.88	5669371.1	1023.69	B Horizon
2021-05-19	C00129053		647709.03	5669396.4	1020.651	B Horizon
2021-05-19	C00129054		647748.65	5669429.91	1026.149	Bh Horizon
2021-05-19	C00129055		647788.64	5669460.44	1022.751	B Horizon
2021-05-19	C00129056		647828.72	5669487.75	1032.212	B Horizon
2021-05-19	C00129057		647870.79	5669521.45	1039.276	B Horizon
2021-05-19	C00129058		647910.73	5669548.86	1037.715	B Horizon
2021-05-19	C00129061		647988.35	5669609.08	1030.494	BC Horizon
2021-05-19	C00129062		647981.52	5669739.41	1019.176	B Horizon
2021-05-19	C00129063		647943.47	5669705.05	1023.502	B Horizon
2021-05-19	C00129064		647904.36	5669675.43	1022.32	B Horizon
2021-05-19	C00129065		647867.54	5669639.43	1029.331	B Horizon
2021-05-19	C00129066		647829.04	5669603.27	1034.483	B Horizon
2021-05-19	C00129067		647787.5	5669580.26	1028.186	B Horizon
2021-05-19	C00129068		647750.31	5669552.38	1018.012	B Horizon
2021-05-19	C00129069		647709.01	5669526.15	1027.086	B Horizon
2021-05-19	C00129070		647662.62	5669496.66	1029.438	Bb Horizon
2021-05-19	C00129071		647661.99	5669606.15	1024.137	B Horizon
2021-05-19	C00129072		647698.44	5669638.13	1021.179	B Horizon
2021-05-19	C00129073		647738.58	5669665.99	1026.225	B Horizon
2021-05-19	C00129074		647782.89	5669702.1	1019.504	B Horizon
2021-05-19	C00129075		647818.43	5669733.61	1018.098	B Horizon
2021-05-19	C00129076		647859.16	5669758.15	1026.002	B Horizon
2021-05-19	C00129077		647896.63	5669790.95	1024.553	Bh Horizon
2021-05-19	C00129078		647941.97	5669820.29	1032.486	B Horizon
2021-05-19	C00129079		647980.08	5669852.88	1031.956	B Horizon
2021-05-20	C00129081		647790.26	5669839.74	1029.913	B Horizon
2021-05-20	C00129082		647755.97	5669803.48	1029.191	B Horizon
2021-05-20	C00129083		647716.75	5669772.98	1024.428	B Horizon

2021-05-20	C00129084		647674.94	5669740.05	1030.621	B Horizon
2021-05-20	C00129085		647633.4	5669714.82	1025.164	B Horizon
2021-05-20	C00129086		647662.02	5669858.54	1030.131	B Horizon
2021-05-20	C00129087		647703.82	5669889.56	1033.233	B Horizon
2021-05-20	C00129088		647649.6	5669976.81	1041.923	B Horizon
2021-05-20	C00129089		647740.72	5669917.67	1039.101	B Horizon
2021-05-20		yes				
2021-05-20	C00129090		647740.72	5669917.67	1046.896	B Horizon
2021-05-20	C00129091		647821.6	5669981.3	1057.644	B Horizon
2021-05-20	C00129092		647990.54	5669987.72	1054.072	B Horizon
2021-05-20	C00129093		647949.81	5669956.17	1046.789	B Horizon
2021-05-20	C00129094		647912.15	5669925.38	1044.794	B Horizon
2021-05-20	C00129095		647868.55	5669901.08	1036.188	B Horizon
2021-05-20	C00129020	External Standards placed by field team OREAS45P				
2021-05-20	C00129040	External Standards placed by field team OREAS45P				
2021-05-20	C00129060	External Standards placed by field team OREAS45P				
2021-05-20	C00129080	External Standards placed by field team OREAS45P				

Appendix 2 - Grab Sample Summary Tables

STATION DATE	SAMPLE NUMBER	UTM EASTING	UTM NORTHING	PRIMARY LITHOLOGY	PRIMARY MINERALS	SAMPLE DESCRIPTION
05-May-2021	20565	648047	5669979	Quartz Carbonate Vein	Pyrite	Select calcite vein material from trench dump, weak Fe oxide stain and trace pyrite.
05-May-2021	20564	648022	5669876	Tuff (General)	Pyrite	Select from outcrop of altered volcanic in western trench (silica-sericite-chlorite) with disseminated pyrite, chalcopyrite, possible arsenopyrite
05-May-2021	20563	647646	5669859	Quartz Vein		Select from single piece quartz vein float (vein probably 12-15 cm thick). Rusty, with sub parallel Fe oxide-stained fractures presumably parallel to vein margins. Minor carbonate in vein. This is from the general area of veins noted by Dawson (1973).
05-May-2021	20562	647646	5669859	Tuff (General)	Pyrite	Select from angular float rusty volcanic, pyritic and chloritic. Pyrite disseminated and on fractures. Fairly abundant angular float in 20 m diameter area.
05-May-2021	20561	648086	5669613	Tuff (General)	Pyrite	Select from possible subcrop or angular float with local source; chlorite altered volcanic with moderate epidote, calcite fracturing, disseminated pyrite and trace chalcopyrite.
05-May-2021	20560	647812	5669613	Tuff (General)	Pyrite	Select from float boulder moderately rusty porphyritic volcanic with disseminated pyrite and fracture-controlled pyrite–chalcopyrite. Angular boulder 25 x 40 x 20cm.
05-May-2021	20559	647910	5669117	Quartz Carbonate Vein		Select from 10-15 cm calcite stringer zone trending 280/70N in sheared chloritic fine-grained volcanic
05-May-2021	20558	647936	5669128	Quartz Vein		Select sample quartz stringers in chloritic volcanic, slight Fe oxide stain, Stringer zone 4 cm wide with individual stringers up to 1 cm
05-May-2021	20557	648010	5669128	Quartz Carbonate Vein		Composite sample angular float small pieces calcite-quartz vein material with slight Fe oxide stain and including strongly sheared chloritic wall rock. Sampled over a 2.5 m diameter area on talus slope
05-May-2021	20556	648078	5669130	Quartz Carbonate Vein	Pyrite	Representative calcite vein with a few pyrite cubes (mm scale)

Appendix 3 - Lab Certificates

Quality Analysis ... *Innovative Technologies*

Report No.: A21-07093
Report Date: 20-May-21
Date Submitted: 23-Apr-21
Your Reference: Kamloops - Rock

Leonard Gal
5977 Little Field Rd.
Courtenay BC V9J 1T6

ATTN: Mr. Leonard Gal

CERTIFICATE OF ANALYSIS

18 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2B-30-Kamloops	QOP AA-Au (Au - Fire Assay AA)	2021-05-18 22:26:40
1E3-Kamloops	QOP AquaGeo (Aqua Regia ICPOES)	2021-05-07 16:18:53
Sieve Report-Kamloops Internal	Sieve Report Internal	2021-05-06 11:31:03

REPORT **A21-07093**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

SCC Accredited LAB Accrédité CCN TM
LabID: 790

ACTIVATION LABORATORIES LTD.
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E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

Results **Activation Laboratories Ltd.** **Report: A21-07093**

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
20524	42																						
20525	6																						
20526	108																						
20527	6																						
20537		0.3	< 0.5	99	279	1	1	6	19	0.93	< 2	< 10	95	< 0.5	< 2	0.80	4	10	1.77	< 10	< 1	0.53	15
20538	26	< 0.2	< 0.5	50	261	3	5	< 2	13	0.52	< 2	< 10	46	< 0.5	< 2	1.15	7	13	1.37	< 10	< 1	0.14	12
20539	22	0.7	0.7	806	1880	9	51	5	69	1.34	2	12	< 10	< 0.5	< 2	3.81	59	31	8.74	< 10	2	0.04	12
20555	9	0.4	< 0.5	310	192	3	18	< 2	15	1.12	5	< 10	11	< 0.5	< 2	1.58	30	22	5.86	< 10	< 1	0.14	< 10
20556	7																						
20557	10																						
20558	11																						
20559	8																						
20560		< 0.2	< 0.5	13	545	< 1	34	< 2	37	2.36	6	< 10	85	< 0.5	< 2	1.74	62	162	5.00	< 10	< 1	0.79	< 10
20561		< 0.2	< 0.5	35	505	< 1	48	< 2	14	1.38	4	< 10	16	< 0.5	< 2	3.48	30	61	4.41	< 10	< 1	0.04	< 10
20562		0.7	< 0.5	315	857	< 1	23	< 2	102	2.36	7	< 10	22	< 0.5	< 2	2.03	25	74	8.81	< 10	< 1	0.27	< 10
20563	10																						
20564	37	0.9	< 0.5	1200	433	1	33	< 2	21	1.71	4	< 10	18	< 0.5	< 2	1.56	36	49	3.98	< 10	< 1	0.32	< 10
20565	8																						

Results **Activation Laboratories Ltd.** **Report: A21-07093**

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
20524																
20525																
20526																
20527																
20537	0.33	0.083	0.070	0.06	< 2	2	143	0.17	< 20	1	< 2	< 10	56	< 10	10	8
20538	0.13	0.067	0.105	0.30	< 2	4	88	0.25	< 20	3	< 2	< 10	57	< 10	15	7
20539	0.09	0.025	0.142	3.73	4	3	30	0.14	< 20	< 1	< 2	< 10	65	< 10	20	18
20555	0.13	0.051	0.124	4.63	3	3	166	0.22	< 20	3	< 2	< 10	63	< 10	11	13
20556																
20557																
20558																
20559																
20560	2.03	0.058	0.142	0.38	3	8	189	0.24	< 20	< 1	< 2	< 10	131	< 10	7	4
20561	0.86	0.048	0.095	2.72	2	5	159	0.29	< 20	2	< 2	< 10	95	< 10	7	11
20562	1.59	0.224	0.080	1.83	2	15	73	0.32	< 20	1	< 2	< 10	165	< 10	8	9
20563																
20564	1.15	0.061	0.091	2.40	2	6	130	0.27	< 20	3	< 2	< 10	83	< 10	6	6
20565																

QC **Activation Laboratories Ltd.** **Report: A21-07093**

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 904 (Aqua Regia) Meas		0.2	< 0.5	6190	412	2	32	8	27	1.83	95		66	7.7	2	0.04	88	23	6.19	< 10		0.94	39
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6230	426	1	34	7	23	1.78	98		65	7.9	< 2	0.04	90	24	6.12	< 10		0.90	40
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 904 (Aqua Regia) Meas		0.3	< 0.5	6080	424	2	33	7	23	1.76	93		66	7.9	< 2	0.04	90	24	5.90	< 10		0.88	39
OREAS 904 (Aqua Regia) Cert		0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40		0.603	33.9
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2330	739	< 1	35	56	246	2.87	7		70	0.8	5	0.40	19	47	5.34	< 10		0.52	37
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	0.5	2270	771	< 1	36	61	256	2.89	5		66	0.8	6	0.41	19	46	5.28	< 10		0.49	36
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 924 (AQUA REGIA) Meas		2.1	0.6	5340				82	342	2.74	6					0.38	22		5.89				
OREAS 924 (AQUA REGIA) Cert		1.92	0.46	5610				92	370	2.76	7.80					0.318	22.7		5.88				
OREAS 924 (AQUA REGIA) Meas		1.8	0.5	5380				84	358	2.83	8					0.40	22		6.09				
OREAS 924 (AQUA REGIA) Cert		1.92	0.46	5610				92	370	2.76	7.80					0.318	22.7		5.88				
OREAS 907 (Aqua Regia) Meas		1.2	< 0.5	6200	329	6	4	31	135	1.11	37		195	1.1	20	0.27	46	9	7.45	20		0.36	39
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 907 (Aqua Regia) Meas		1.2	0.6	6120	332	6	3	31	140	1.16	37		200	1.1	12	0.28	46	9	7.50	20		0.37	39
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
Oreas 621 (Aqua Regia) Meas		65.1	275	3560	501	11	24	> 5000	> 10000	1.72	76			0.6	< 2	1.53	28	29	3.30	< 10	3	0.37	18
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		68.9	279	3580	513	14	25	> 5000	> 10000	1.67	81			0.6	< 2	1.57	30	33	3.21	< 10	4	0.36	17
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		71.9	294	3720	555	14	26	> 5000	> 10000	1.80	84			0.6	< 2	1.67	31	31	3.88	< 10	4	0.39	19
Oreas 621 (Aqua		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4

QC **Activation Laboratories Ltd.** **Report: A21-07093**

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert																							
OREAS 263 (Aqua Regia) Meas		< 0.2	< 0.5	87	478	< 1	68	30	118	1.81	30		154	1.4	< 2	1.02	32	54	3.46	< 10	< 1	0.40	
OREAS 263 (Aqua Regia) Cert		0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288	
OREAS 263 (Aqua Regia) Meas		0.2	< 0.5	88	510	< 1	72	32	130	1.87	32		160	1.5	< 2	1.10	34	58	3.60	< 10	< 1	0.40	
OREAS 263 (Aqua Regia) Cert		0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288	
Oreas E1336 (Fire Assay) Meas	529																						
Oreas E1336 (Fire Assay) Cert	510																						
20526 Orig	109																						
20526 Dup	107																						
20561 Orig		< 0.2	< 0.5	35	502	< 1	47	< 2	15	1.38	4	< 10	16	< 0.5	< 2	3.48	29	61	4.35	< 10	< 1	0.04	< 10
20561 Dup		< 0.2	< 0.5	35	508	< 1	49	< 2	14	1.38	4	< 10	16	< 0.5	< 2	3.48	30	60	4.46	< 10	< 1	0.04	< 10
20565 Orig	6																						
20565 Dup	10																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						
Method Blank	5																						

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 904 (Aqua Regia) Meas	0.19		0.096	0.04	2	4	19		< 20		< 2	< 10	30		19	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas	0.18		0.098	0.04	< 2	4	19		< 20		< 2	< 10	30		21	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas	0.18		0.096	0.04	2	4	19		< 20		< 2	< 10	30		21	
OREAS 904 (Aqua Regia) Cert	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 922 (AQUA REGIA) Meas	1.32	0.030	0.063	0.37	< 2	3	16		< 20		< 2	< 10	34	< 10	21	12
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.35	0.028	0.064	0.37	3	3	16		< 20		< 2	< 10	35	< 10	21	16
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 924 (AQUA REGIA) Meas	1.39			0.77	2											
OREAS 924 (AQUA REGIA) Cert	1.45			0.810	0.60											
OREAS 924 (AQUA REGIA) Meas	1.44			0.79	3											
OREAS 924 (AQUA REGIA) Cert	1.45			0.810	0.60											
OREAS 907 (Aqua Regia) Meas	0.21	0.095	0.022	0.06	5	2	13	0.02	< 20	< 1	< 2	< 10	6	< 10	9	11
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 907 (Aqua Regia) Meas	0.21	0.096	0.022	0.06	5	2	13	0.02	< 20	< 1	< 2	< 10	6	< 10	9	9
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
Oreas 621 (Aqua Regia) Meas	0.42	0.180	0.034	4.52	104	2	16		< 20		< 2	< 10	12	< 10	8	56
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.42	0.171	0.035	4.68	109	2	16		< 20		< 2	< 10	12	< 10	8	53
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.44	0.184	0.036	4.87	116	2	17		< 20		< 2	< 10	13	< 10	9	60
Oreas 621 (Aqua	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert																
OREAS 263 (Aqua Regia) Meas	0.57	0.091	0.041	0.11	9	4	18		< 20	< 1	< 2	< 10	26		13	
OREAS 263 (Aqua Regia) Cert	0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0	
OREAS 263 (Aqua Regia) Meas	0.60	0.092	0.043	0.12	9	4	18		< 20	1	< 2	< 10	28		14	
OREAS 263 (Aqua Regia) Cert	0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0	
Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
20526 Orig																
20526 Dup																
20561 Orig	0.85	0.048	0.094	2.67	2	5	159	0.30	< 20	3	< 2	< 10	96	< 10	7	11
20561 Dup	0.86	0.049	0.095	2.78	3	5	158	0.29	< 20	2	< 2	< 10	95	< 10	7	11
20565 Orig																
20565 Dup																
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																
Method Blank																

ANALYSIS REPORT BBM21-10048

To STRATA GEODATA SERVICES LTD
ANDY RANDELL
UNIT 330
470 GRANVILLE STREET
VANCOUVER V6C 1V4
BC
CANADA

Project	CCU	Date Received	31-May-2021
Submission Number	*BBY* Vidette-Amy/ 10 Rock Samples	Date Analysed	04-Jun-2021 - 12-Jul-2021
Number of Samples	10	Date Completed	12-Jul-2021
		SGS Order Number	BBM21-10048

Methods Summary

Number of Sample	Method Code	Description
10	G_WGH_KG	Weight of samples received
10	G_PRP	Combined Sample Preparation
10	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
10	GE_DIG40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3)
10	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-12ml

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project CCU
Submission Number *BBY* Vidette-Amy/ 10 Rock Samples
Number of Samples 10

ANALYSIS REPORT BBM21-10048

Element	Wtkg	@Au	@Ag	@Al	@As	@Ba
Method	G_WGH_KG	GE_FAA30V5	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	2	0.01	3	1
Upper Limit	--	10,000	100	15	10,000	10,000
Unit	kg	ppb	ppm m / m	%	ppm m / m	ppm m / m
PREP_BLANK	-	-	-	-	-	-
D00030401	2.32	14	<2	1.18	4	169
D00030402	1.75	7	<2	7.74	<3	1410
D00030403	2.01	14	<2	0.20	<3	35
D00030404	1.25	8	<2	0.59	<3	69
D00030405	2.34	<5	<2	0.10	<3	14
D00030406	1.87	40	<2	0.30	5	1170
D00030407	2.28	<5	<2	0.24	6	296
D00030408	1.69	6	<2	0.33	<3	1127
D00030351	1.44	<5	<2	2.97	<3	1152
D00030352	1.43	43	<2	2.17	42	54
*Std GS-9B	-	9770	-	-	-	-
*Std OREAS 235	-	1530	-	-	-	-
*Rep D00030352	-	41	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Std OREAS 520	-	-	<2	5.55	159	881
*Std OREAS 601b	-	-	49	6.41	286	615
*Blk BLANK	-	-	<2	<0.01	<3	1

Element	@Be	@Bi	@Ca	@Cd	@Co	@Cr
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	5	0.01	1	1	1
Upper Limit	2,500	10,000	15	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
D00030401	1.5	<5	0.12	<1	1	30
D00030402	<0.5	<5	5.09	<1	28	40
D00030403	<0.5	<5	2.18	<1	1	41
D00030404	1.4	<5	0.07	<1	1	29
D00030405	<0.5	<5	0.14	<1	1	37

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project CCU
Submission Number *BBY* Vidette-Amy/ 10 Rock Samples
Number of Samples 10

ANALYSIS REPORT BBM21-10048

Element	@Be	@Bi	@Ca	@Cd	@Co	@Cr
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	5	0.01	1	1	1
Upper Limit	2,500	10,000	15	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
D00030406	<0.5	<5	5.48	<1	4	45
D00030407	<0.5	<5	2.66	<1	5	38
D00030408	<0.5	<5	4.49	<1	2	30
D00030351	<0.5	<5	>15.00	<1	11	25
D00030352	0.7	<5	6.94	<1	11	67
*Std OREAS 520	0.5	<5	3.87	<1	197	33
*Std OREAS 601b	2.0	18	0.87	2	3	17
*Blk BLANK	<0.5	<5	<0.01	<1	<1	<1

Element	@Cu	@Fe	@K	@La	@Li	@Mg
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	0.5	1	0.01
Upper Limit	10,000	15	15	10,000	10,000	15
Unit	ppm m / m	%	%	ppm m / m	ppm m / m	%
D00030401	4.5	0.74	0.36	2.7	138	0.12
D00030402	209	6.54	3.34	7.2	18	2.98
D00030403	139	1.56	0.03	<0.5	37	0.13
D00030404	7.1	0.57	0.10	<0.5	180	0.09
D00030405	6.3	0.92	0.03	<0.5	4	0.05
D00030406	369	2.28	0.13	1.5	3	0.60
D00030407	24.2	1.85	0.11	1.0	3	0.26
D00030408	18.1	1.75	0.17	0.9	2	1.64
D00030351	20.9	2.38	1.46	0.8	9	1.52
D00030352	40.5	2.41	0.33	3.6	167	1.04
*Std OREAS 520	2949	>15.00	3.42	79.7	17	1.14
*Std OREAS 601b	993	2.33	2.35	33.8	21	0.10
*Blk BLANK	<0.5	<0.01	<0.01	<0.5	<1	<0.01

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project CCU
Submission Number *BBY* Vidette-Amy/ 10 Rock Samples
Number of Samples 10

ANALYSIS REPORT BBM21-10048

Element	@Mn	@Mo	@Na	@Ni	@P	@Pb
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	2	1	0.01	1	0.01	2
Upper Limit	10,000	10,000	15	10,000	15	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	%	ppm m / m
D00030401	87	19	0.02	3	0.01	<2
D00030402	1375	2	2.14	16	0.13	3
D00030403	495	5	0.02	3	<0.01	<2
D00030404	71	16	0.01	3	<0.01	<2
D00030405	120	6	0.01	3	<0.01	<2
D00030406	614	4	0.01	5	<0.01	3
D00030407	300	6	0.01	4	0.01	4
D00030408	659	4	0.01	4	<0.01	<2
D00030351	1824	<1	0.49	19	0.03	<2
D00030352	643	82	0.01	19	0.03	<2
*Std OREAS 520	2318	52	1.32	72	0.08	2
*Std OREAS 601b	221	5	1.78	7	0.03	329
*Blk BLANK	<2	<1	<0.01	<1	<0.01	<2

Element	@S	@Sb	@Sc	@Sn	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	0.5	10	0.5	0.01
Upper Limit	5	10,000	10,000	10,000	10,000	15
Unit	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%
D00030401	0.02	9	1.2	<10	57.1	0.03
D00030402	1.55	<5	26.8	<10	420	0.38
D00030403	0.02	8	<0.5	<10	69.3	<0.01
D00030404	<0.01	10	0.8	<10	68.1	0.01
D00030405	0.02	<5	<0.5	<10	5.7	<0.01
D00030406	0.09	<5	2.2	<10	192	0.01
D00030407	0.02	<5	1.6	<10	73.7	<0.01
D00030408	0.08	<5	1.3	<10	99.5	<0.01
D00030351	0.02	<5	19.2	<10	345	0.12
D00030352	0.01	10	11.7	<10	154	0.14

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Project	CCU
Submission Number	*BBY* Vidette-Amy/ 10 Rock
Samples	
Number of Samples	10

ANALYSIS REPORT BBM21-10048

Element	@S	@Sb	@Sc	@Sn	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	0.5	10	0.5	0.01
Upper Limit	5	10,000	10,000	10,000	10,000	15
Unit	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%
*Std OREAS 520	0.94	<5	15.7	<10	98.2	0.38
*Std OREAS 601b	1.41	23	3.4	<10	227	0.12
*Blk BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01

Element	@V	@W	@Y	@Zn	@Zr
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	2	10	0.5	1	0.5
Upper Limit	10,000	10,000	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m
D00030401	22	<10	1.3	13	3.6
D00030402	262	<10	16.4	111	36.2
D00030403	9	<10	1.2	6	<0.5
D00030404	14	<10	<0.5	5	1.1
D00030405	3	<10	<0.5	3	<0.5
D00030406	24	<10	3.6	8	0.6
D00030407	23	<10	2.6	10	0.6
D00030408	22	<10	2.8	13	0.7
D00030351	103	<10	9.5	26	3.6
D00030352	86	<10	6.3	29	5.5
*Std OREAS 520	231	35	18.8	18	118
*Std OREAS 601b	11	<10	10.6	299	176
*Blk BLANK	<2	<10	<0.5	<1	0.5

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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ANALYSIS REPORT BBM21-10047

To STRATA GEODATA SERVICES LTD
ANDY RANDELL
UNIT 330
470 GRANVILLE STREET
VANCOUVER V6C 1V4
BC
CANADA

Submission Number	*BBY* VIDETTE / 95 Soil	Date Received	31-May-2021
Number of Samples	95	Date Analysed	05-Jun-2021 - 27-Jul-2021
		Date Completed	27-Jul-2021
		SGS Order Number	BBM21-10047

Methods Summary

Number of Sample	Method Code	Description
95	G_WGH_KG	Weight of samples received
95	G_PRP	Combined Sample Preparation
95	GE_FAA30V5	Au, FAS, exploration grade, AAS, 30g-5ml
95	GE_DIG40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3)
95	GE_ICP40Q12	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-12ml
3	GO_DIG42Q100	4 Acid Digest (HCL/HCLO4/HF/HNO3)
3	GO_ICP42Q100	4 Acid Digest (HCL/HCLO4/HF/HNO3), ICP, 0.2g-100ml

Authorised Signatory

John Chiang
Laboratory Operations Manager

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

SGS Canada Inc. | NAM Minerals Geochemistry 3260 Production Way Burnaby BC. V5A 4W4 CANADA t +1 (604) 638 2349 f +1 (604) 444 5486 www.sgs.com
Member of the SGS Group (SGS SA)

Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	Wtkg	@Au	@Ag	@Al	@As	@Ba
Method	G_WGH_KG	GE_FAA30V5	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	2	0.01	3	1
Upper Limit	--	10,000	100	15	10,000	10,000
Unit	kg	ppb	ppm m / m	%	ppm m / m	ppm m / m
C00129001	0.58	6	<2	7.92	11	741
C00129002	0.53	10	<2	8.74	9	632
C00129003	0.52	11	<2	8.07	10	773
C00129004	0.62	8	<2	7.80	8	799
C00129005	0.59	6	<2	7.05	10	693
C00129006	0.55	<5	<2	6.67	8	826
C00129007	0.54	11	<2	5.47	8	330
C00129008	0.56	6	<2	7.07	13	511
C00129009	0.60	<5	<2	6.51	16	481
C00129010	0.62	19	<2	6.84	21	638
C00129011	0.59	19	<2	5.06	10	383
C00129012	0.57	102	<2	4.61	22	388
C00129013	0.56	15	<2	6.51	8	609
C00129014	0.62	31	<2	5.65	11	393
C00129015	0.60	24	<2	7.07	9	481
C00129016	0.58	9	<2	6.39	10	504
C00129017	0.56	<5	<2	7.05	4	732
C00129018	0.67	<5	<2	6.70	10	513
C00129019	0.59	5	<2	7.02	7	776
C00129020	0.07	1460	3	7.54	13	1072
C00129021	0.58	6	<2	5.15	9	449
C00129022	0.49	<5	<2	6.16	5	825
C00129023	0.47	<5	<2	6.41	5	723
C00129024	0.51	<5	<2	6.43	7	702
C00129025	0.50	<5	<2	5.34	7	650
C00129026	0.51	<5	<2	6.88	10	718
C00129027	0.52	<5	<2	6.27	6	480
C00129028	0.61	43	<2	5.75	8	321
C00129029	0.57	<5	<2	7.34	7	651
C00129030	0.63	5	<2	7.56	7	508
C00129031	0.64	9	<2	4.46	7	788

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	Wtkg	@Au	@Ag	@Al	@As	@Ba
Method	G_WGH_KG	GE_FAA30V5	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	2	0.01	3	1
Upper Limit	--	10,000	100	15	10,000	10,000
Unit	kg	ppb	ppm m / m	%	ppm m / m	ppm m / m
C00129032	0.51	<5	<2	7.66	13	685
C00129033	0.51	22	<2	7.82	17	989
C00129034	0.49	11	<2	7.27	7	1113
C00129035	0.49	<5	<2	7.07	10	677
C00129036	0.52	<5	<2	7.82	5	827
C00129037	0.53	<5	<2	7.17	4	822
C00129038	0.49	9	<2	7.06	5	741
C00129039	0.51	<5	<2	7.56	7	887
C00129040	0.08	5210	9	5.73	43	285
C00129041	0.49	6	<2	6.99	5	949
C00129042	0.49	<5	<2	7.17	6	837
C00129043	0.51	<5	<2	7.24	5	847
C00129044	0.50	<5	<2	7.30	6	811
C00129045	0.51	5	<2	8.01	4	793
C00129046	0.58	9	<2	7.92	8	966
C00129047	0.55	<5	<2	7.19	5	785
C00129048	0.55	6	<2	7.49	9	842
C00129049	0.51	<5	<2	6.65	7	727
C00129050	0.49	<5	<2	6.42	6	637
C00129051	0.60	10	<2	8.01	8	944
C00129052	0.51	<5	<2	7.02	7	769
C00129053	0.50	<5	<2	7.29	12	878
C00129054	0.51	<5	<2	7.43	11	867
C00129055	0.48	<5	<2	7.48	7	934
C00129056	0.57	<5	<2	7.86	4	1023
C00129057	0.60	7	<2	7.69	8	881
C00129058	0.52	6	<2	7.21	4	862
C00129059	0.52	<5	<2	7.39	5	954
C00129060	0.52	<5	<2	7.07	5	918
C00129061	0.49	42	<2	7.18	12	876
C00129062	0.55	17	<2	7.72	13	931

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	Wtkg	@Au	@Ag	@Al	@As	@Ba
Method	G_WGH_KG	GE_FAA30V5	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	2	0.01	3	1
Upper Limit	--	10,000	100	15	10,000	10,000
Unit	kg	ppb	ppm m / m	%	ppm m / m	ppm m / m
C00129063	0.54	<5	<2	7.17	7	910
C00129064	0.56	7	<2	7.74	6	936
C00129065	0.48	<5	<2	7.49	4	959
C00129066	0.54	<5	<2	7.42	6	927
C00129067	0.55	<5	<2	7.21	7	954
C00129068	0.49	<5	<2	6.84	3	920
C00129069	0.57	<5	<2	7.43	8	906
C00129070	0.54	6	<2	7.67	11	928
C00129071	0.55	<5	<2	7.69	22	917
C00129072	0.54	<5	<2	7.71	14	983
C00129073	0.52	<5	<2	7.49	9	980
C00129074	0.47	<5	<2	7.63	8	1026
C00129075	0.65	11	<2	8.18	23	704
C00129076	0.59	<5	<2	7.82	7	1105
C00129077	0.52	10	<2	5.16	5	687
C00129078	0.51	5	<2	7.46	14	900
C00129079	0.56	<5	<2	6.99	4	773
C00129080	0.08	1390	3	7.27	14	1013
C00129081	0.58	8	<2	7.50	15	990
C00129082	0.64	<5	<2	7.64	12	1076
C00129083	0.59	5	<2	7.95	24	964
C00129084	0.60	6	<2	7.43	24	907
C00129085	0.60	<5	<2	7.10	8	992
C00129086	0.59	<5	<2	5.80	10	775
C00129087	0.62	<5	<2	6.88	26	892
C00129088	0.61	<5	<2	6.95	23	896
C00129089	0.56	<5	<2	6.37	11	778
C00129090	0.59	11	<2	7.24	33	932
C00129091	0.60	<5	<2	7.44	28	933
C00129092	0.55	<5	<2	6.34	8	796
C00129093	0.56	5	<2	6.80	8	858

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	Wtkg	@Au	@Ag	@Al	@As	@Ba
Method	G_WGH_KG	GE_FAA30V5	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	2	0.01	3	1
Upper Limit	--	10,000	100	15	10,000	10,000
Unit	kg	ppb	ppm m / m	%	ppm m / m	ppm m / m
C00129094	0.53	29	<2	6.65	10	879
C00129095	0.62	<5	<2	6.63	5	747
*Std GS-9B	-	9770	-	-	-	-
*Rep C00129084	-	5	-	-	-	-
*Std OREAS 235	-	1530	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Std OREAS 520	-	-	<2	5.55	159	881
*Rep C00129085	-	-	<2	7.09	8	999
*Std OREAS 601b	-	-	49	6.41	286	615
*Blk BLANK	-	-	<2	<0.01	<3	1
*Rep C00129005	-	6	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Std OREAS 279	-	6640	-	-	-	-
*Blk BLANK	-	<5	-	-	-	-
*Std GS-9B	-	8180	-	-	-	-
*Rep C00129048	-	11	-	-	-	-
*Std OREAS 235	-	1700	-	-	-	-
*Rep C00129073	-	6	-	-	-	-
*Blk BLANK	-	-	<2	<0.01	<3	2
*Std OREAS 520	-	-	<2	5.63	161	999
*Rep C00129041	-	-	<2	7.02	5	958
*Std OREAS 601b	-	-	50	6.46	282	1049
*Rep C00129004	-	-	<2	7.76	9	801
*Blk BLANK	-	-	<2	0.01	<3	1
*Std OREAS 601b	-	-	51	6.48	281	1050
*Std OREAS 520	-	-	<2	5.61	159	801
*Std OREAS 235	-	1590	-	-	-	-
*Blk BLANK	-	5	-	-	-	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@Be	@Bi	@Ca	@Cd	@Co	@Cr
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	5	0.01	1	1	1
Upper Limit	2,500	10,000	15	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
C00129001	<0.5	<5	1.88	<1	33	167
C00129002	0.5	<5	1.28	<1	40	227
C00129003	<0.5	<5	1.88	<1	37	164
C00129004	<0.5	<5	2.06	<1	30	140
C00129005	<0.5	<5	3.11	<1	37	228
C00129006	<0.5	<5	4.06	<1	44	238
C00129007	<0.5	<5	8.60	<1	41	214
C00129008	<0.5	<5	4.60	<1	37	204
C00129009	<0.5	<5	4.21	<1	43	165
C00129010	<0.5	<5	5.35	<1	48	232
C00129011	<0.5	<5	11.81	<1	40	241
C00129012	<0.5	<5	9.00	<1	53	103
C00129013	<0.5	<5	4.22	<1	44	178
C00129014	<0.5	<5	10.56	<1	44	180
C00129015	<0.5	<5	5.48	<1	46	258
C00129016	<0.5	<5	7.02	<1	39	241
C00129017	<0.5	<5	2.57	<1	35	205
C00129018	<0.5	<5	2.84	<1	41	317
C00129019	<0.5	<5	2.14	<1	28	136
C00129020	0.7	<5	2.09	<1	12	37
C00129021	<0.5	<5	3.52	<1	60	442
C00129022	<0.5	<5	1.91	<1	17	83
C00129023	0.5	<5	1.98	<1	25	110
C00129024	<0.5	<5	1.96	<1	23	131
C00129025	0.5	<5	2.01	<1	22	97
C00129026	<0.5	<5	2.12	<1	32	145
C00129027	<0.5	<5	4.38	<1	36	193
C00129028	<0.5	<5	6.97	<1	50	344
C00129029	<0.5	<5	3.64	<1	35	171
C00129030	<0.5	<5	3.25	<1	40	184
C00129031	<0.5	<5	6.93	<1	32	126

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@Be	@Bi	@Ca	@Cd	@Co	@Cr
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	5	0.01	1	1	1
Upper Limit	2,500	10,000	15	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
C00129032	<0.5	<5	2.12	<1	23	98
C00129033	<0.5	<5	2.21	<1	22	96
C00129034	<0.5	<5	2.14	1	18	81
C00129035	0.6	<5	1.80	<1	22	106
C00129036	<0.5	<5	1.94	<1	17	93
C00129037	0.5	<5	1.69	<1	13	80
C00129038	0.6	<5	1.67	<1	17	75
C00129039	0.6	<5	1.97	<1	19	96
C00129040	<0.5	10	2.31	8	29	40
C00129041	0.6	<5	2.21	<1	20	100
C00129042	<0.5	<5	2.03	<1	17	100
C00129043	0.6	<5	1.79	1	18	70
C00129044	0.6	<5	1.85	<1	18	94
C00129045	<0.5	<5	2.59	<1	19	130
C00129046	0.6	<5	1.95	<1	20	99
C00129047	<0.5	<5	2.09	<1	21	101
C00129048	0.5	<5	2.08	1	22	104
C00129049	<0.5	<5	2.18	<1	27	137
C00129050	<0.5	<5	2.57	<1	26	181
C00129051	0.5	<5	2.57	<1	27	112
C00129052	0.6	<5	2.11	<1	21	93
C00129053	<0.5	<5	2.08	<1	20	109
C00129054	0.5	<5	1.95	<1	18	102
C00129055	0.6	<5	1.65	<1	19	94
C00129056	0.6	<5	2.00	<1	18	91
C00129057	0.6	<5	2.04	<1	20	100
C00129058	0.6	<5	1.76	<1	17	75
C00129059	0.6	<5	1.85	1	19	79
C00129060	0.6	<5	1.80	1	19	75
C00129061	<0.5	<5	2.81	4	50	97
C00129062	0.6	<5	2.13	<1	18	108

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@Be	@Bi	@Ca	@Cd	@Co	@Cr
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	5	0.01	1	1	1
Upper Limit	2,500	10,000	15	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
C00129063	0.6	<5	1.74	<1	14	73
C00129064	0.6	<5	1.79	<1	14	73
C00129065	0.6	<5	1.79	<1	13	77
C00129066	0.6	<5	1.80	<1	14	79
C00129067	0.5	<5	2.03	<1	18	92
C00129068	<0.5	<5	2.01	<1	14	72
C00129069	<0.5	<5	1.95	<1	16	72
C00129070	0.6	<5	2.12	<1	17	88
C00129071	0.5	<5	1.94	<1	18	87
C00129072	<0.5	<5	2.14	<1	18	93
C00129073	<0.5	<5	2.01	<1	16	91
C00129074	0.5	<5	2.05	<1	15	87
C00129075	<0.5	<5	2.48	<1	25	125
C00129076	<0.5	<5	2.31	<1	15	99
C00129077	0.5	<5	1.52	<1	14	55
C00129078	<0.5	<5	1.91	<1	18	88
C00129079	<0.5	<5	2.07	<1	13	75
C00129080	0.7	<5	1.97	<1	12	34
C00129081	0.5	<5	2.04	<1	18	92
C00129082	<0.5	<5	2.21	<1	13	82
C00129083	<0.5	<5	2.00	<1	18	116
C00129084	<0.5	<5	1.85	<1	19	97
C00129085	<0.5	<5	2.21	<1	15	90
C00129086	<0.5	<5	1.56	<1	13	64
C00129087	<0.5	<5	2.08	<1	19	102
C00129088	<0.5	<5	2.13	<1	18	97
C00129089	<0.5	<5	1.80	<1	15	82
C00129090	<0.5	<5	2.22	<1	23	123
C00129091	<0.5	<5	2.09	<1	19	101
C00129092	<0.5	<5	1.84	1	20	80
C00129093	<0.5	<5	2.06	<1	15	88

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@Be	@Bi	@Ca	@Cd	@Co	@Cr
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	5	0.01	1	1	1
Upper Limit	2,500	10,000	15	10,000	10,000	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	ppm m / m	ppm m / m
C00129094	<0.5	<5	1.75	<1	15	81
C00129095	0.6	<5	1.83	<1	13	66
*Std OREAS 520	0.5	<5	3.87	<1	197	33
*Rep C00129085	<0.5	<5	2.21	<1	14	85
*Std OREAS 601b	2.0	18	0.87	2	3	17
*Blk BLANK	<0.5	<5	<0.01	<1	<1	<1
*Blk BLANK	<0.5	<5	<0.01	<1	<1	<1
*Std OREAS 520	0.6	<5	4.03	3	198	34
*Rep C00129041	0.6	<5	2.23	<1	19	100
*Std OREAS 601b	2.0	19	0.90	2	2	18
*Rep C00129004	<0.5	<5	2.19	<1	30	142
*Blk BLANK	<0.5	<5	<0.01	<1	<1	1
*Std OREAS 601b	2.0	17	0.87	2	2	18
*Std OREAS 520	0.5	<5	4.16	<1	197	36

Element	@Cu	@Fe	@K	@La	@Li	@Mg
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	0.5	1	0.01
Upper Limit	10,000	15	15	10,000	10,000	15
Unit	ppm m / m	%	%	ppm m / m	ppm m / m	%
C00129001	168	7.75	1.93	13.8	24	3.49
C00129002	159	7.65	1.93	12.1	27	3.87
C00129003	144	7.02	1.54	13.1	25	2.48
C00129004	106	6.18	1.63	16.7	21	2.28
C00129005	188	6.92	1.53	9.0	22	3.22
C00129006	203	7.65	2.06	11.8	24	4.75
C00129007	160	6.42	0.94	9.0	27	3.89
C00129008	148	7.46	1.44	11.8	20	3.49
C00129009	167	7.11	1.19	13.2	18	2.63
C00129010	263	8.24	1.60	13.3	25	3.70
C00129011	275	6.89	1.23	7.2	21	4.15

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@Cu	@Fe	@K	@La	@Li	@Mg
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	0.5	1	0.01
Upper Limit	10,000	15	15	10,000	10,000	15
Unit	ppm m / m	%	%	ppm m / m	ppm m / m	%
C00129012	474	6.60	0.85	7.8	14	2.06
C00129013	203	7.12	1.34	10.6	19	2.90
C00129014	199	6.46	0.86	14.7	24	2.64
C00129015	279	7.86	1.30	9.5	16	2.70
C00129016	147	6.96	1.33	10.0	26	2.90
C00129017	121	6.12	1.34	11.7	18	2.04
C00129018	144	7.42	1.05	11.0	20	2.65
C00129019	84.4	4.87	1.61	10.2	17	1.55
C00129020	>10000	5.07	1.91	14.6	17	0.88
C00129021	189	7.50	1.10	6.9	23	3.86
C00129022	54.8	3.61	1.29	9.4	17	0.95
C00129023	72.3	4.31	1.28	9.3	22	1.35
C00129024	68.1	4.51	1.31	10.4	20	1.45
C00129025	80.0	3.83	1.24	10.8	16	1.18
C00129026	107	5.75	1.44	11.2	16	1.64
C00129027	159	6.83	0.88	10.4	19	2.61
C00129028	256	8.40	1.05	7.9	24	4.89
C00129029	156	7.54	1.65	10.4	23	3.17
C00129030	179	7.65	1.57	11.2	26	3.00
C00129031	239	4.89	0.97	8.4	14	1.62
C00129032	44.4	4.81	1.33	11.7	28	1.17
C00129033	61.4	4.85	1.61	10.5	24	1.25
C00129034	60.3	3.89	1.86	9.1	23	0.98
C00129035	57.4	4.48	1.41	11.5	26	1.19
C00129036	52.5	4.17	1.73	9.6	25	1.15
C00129037	31.6	3.40	1.67	8.7	19	0.86
C00129038	45.3	3.87	1.48	9.6	25	0.94
C00129039	62.5	4.46	1.66	9.7	22	1.06
C00129040	>10000	7.09	0.83	8.1	16	1.20
C00129041	80.3	3.89	1.64	10.9	21	1.06
C00129042	48.0	4.26	1.51	10.2	20	1.09

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@Cu	@Fe	@K	@La	@Li	@Mg
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	0.5	1	0.01
Upper Limit	10,000	15	15	10,000	10,000	15
Unit	ppm m / m	%	%	ppm m / m	ppm m / m	%
C00129043	56.5	3.96	1.49	9.6	24	0.90
C00129044	48.9	4.33	1.57	10.5	19	1.05
C00129045	54.3	4.51	1.78	8.0	32	1.79
C00129046	45.4	4.63	1.93	8.9	18	1.20
C00129047	57.5	4.41	1.58	9.5	18	1.36
C00129048	91.9	4.91	1.55	12.4	23	1.27
C00129049	107	5.52	1.42	12.3	17	1.62
C00129050	88.4	5.01	1.28	10.3	22	1.83
C00129051	137	5.51	1.80	10.3	20	1.88
C00129052	66.7	4.23	1.31	13.2	20	1.15
C00129053	54.1	4.62	1.50	12.4	18	1.02
C00129054	48.2	4.42	1.44	12.9	20	0.95
C00129055	49.2	4.40	1.38	10.3	23	1.05
C00129056	44.9	4.57	1.75	10.8	21	1.20
C00129057	74.6	4.92	1.49	12.1	22	1.28
C00129058	58.9	4.06	1.57	9.3	22	1.00
C00129059	79.0	4.10	1.59	10.3	22	0.95
C00129060	74.7	3.95	1.54	10.2	20	0.90
C00129061	208	6.81	1.60	13.1	26	1.73
C00129062	63.8	4.83	1.77	10.5	20	1.18
C00129063	40.0	3.83	1.54	9.5	23	0.94
C00129064	34.3	3.86	1.64	9.8	21	0.82
C00129065	30.9	3.55	1.64	9.3	23	0.85
C00129066	34.3	3.85	1.54	10.4	21	0.91
C00129067	57.5	4.35	1.65	11.0	19	1.08
C00129068	28.2	3.43	1.62	8.5	16	0.80
C00129069	33.5	4.43	1.49	10.4	20	0.98
C00129070	45.9	4.28	1.61	13.6	20	1.00
C00129071	51.7	4.31	1.62	9.0	23	1.03
C00129072	39.0	4.27	1.79	8.8	19	1.04
C00129073	36.1	3.93	1.70	8.6	18	0.91

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@Cu	@Fe	@K	@La	@Li	@Mg
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	0.5	1	0.01
Upper Limit	10,000	15	15	10,000	10,000	15
Unit	ppm m / m	%	%	ppm m / m	ppm m / m	%
C00129074	30.9	3.77	1.60	9.1	19	0.87
C00129075	61.8	5.87	1.44	13.1	26	1.61
C00129076	33.9	4.23	1.73	9.6	17	1.11
C00129077	50.9	2.84	1.18	8.1	18	0.71
C00129078	58.5	4.15	1.50	11.0	23	1.13
C00129079	43.4	3.07	1.49	8.4	29	0.85
C00129080	>10000	4.97	1.81	14.7	15	0.88
C00129081	62.8	3.95	1.67	9.9	16	0.92
C00129082	31.4	3.59	1.77	8.8	13	0.89
C00129083	47.4	4.49	1.67	9.3	18	1.01
C00129084	62.7	4.34	1.49	10.1	21	1.13
C00129085	50.7	3.42	1.69	9.2	14	0.88
C00129086	49.6	3.07	1.30	8.4	16	0.74
C00129087	60.1	4.01	1.58	9.6	15	1.00
C00129088	57.1	4.30	1.70	10.6	18	1.05
C00129089	40.4	3.50	1.40	8.8	17	0.86
C00129090	87.0	4.76	1.75	10.5	17	1.24
C00129091	57.5	4.36	1.72	11.0	17	0.98
C00129092	47.4	3.93	1.29	10.9	19	1.04
C00129093	39.8	3.59	1.60	8.2	19	0.89
C00129094	40.8	3.69	1.51	10.0	18	0.83
C00129095	34.4	2.97	1.61	9.9	23	0.78
*Std OREAS 520	2949	>15.00	3.42	79.7	17	1.14
*Rep C00129085	45.1	3.40	1.70	9.2	15	0.88
*Std OREAS 601b	993	2.33	2.35	33.8	21	0.10
*Blk BLANK	<0.5	<0.01	<0.01	<0.5	<1	<0.01
*Blk BLANK	<0.5	0.01	<0.01	<0.5	<1	<0.01
*Std OREAS 520	2829	>15.00	3.59	82.0	19	1.16
*Rep C00129041	81.2	3.95	1.65	10.0	21	1.07
*Std OREAS 601b	966	2.33	2.45	32.5	23	0.10
*Rep C00129004	106	6.19	1.63	17.0	21	2.23

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@Cu	@Fe	@K	@La	@Li	@Mg
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.5	0.01	0.01	0.5	1	0.01
Upper Limit	10,000	15	15	10,000	10,000	15
Unit	ppm m / m	%	%	ppm m / m	ppm m / m	%
*Blk BLANK	1.0	0.01	<0.01	<0.5	<1	<0.01
*Std OREAS 601b	968	2.29	2.40	32.5	23	0.10
*Std OREAS 520	2859	>15.00	3.52	79.0	18	1.13

Element	@Mn	@Mo	@Na	@Ni	@P	@Pb
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	2	1	0.01	1	0.01	2
Upper Limit	10,000	10,000	15	10,000	15	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	%	ppm m / m
C00129001	950	1	1.17	49	0.08	6
C00129002	1066	<1	0.61	74	0.06	7
C00129003	1200	1	1.56	51	0.05	8
C00129004	1510	2	1.71	46	0.03	6
C00129005	1153	<1	1.66	60	0.05	4
C00129006	1869	<1	1.01	50	0.07	4
C00129007	1201	<1	0.65	42	0.11	3
C00129008	1463	2	1.12	51	0.08	8
C00129009	1296	<1	0.88	50	0.10	5
C00129010	1508	2	0.97	46	0.12	5
C00129011	1180	<1	0.63	47	0.14	<2
C00129012	1380	<1	0.97	36	0.16	11
C00129013	1573	<1	1.27	42	0.10	4
C00129014	1265	1	0.91	42	0.10	3
C00129015	1759	2	1.23	59	0.05	2
C00129016	1572	3	1.02	47	0.09	11
C00129017	1274	1	1.61	41	0.02	6
C00129018	1306	2	1.07	56	0.05	2
C00129019	1255	2	1.88	30	0.05	8
C00129020	702	262	2.38	23	0.07	13
C00129021	1851	<1	0.70	73	0.10	6
C00129022	1397	1	1.50	26	0.14	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@Mn	@Mo	@Na	@Ni	@P	@Pb
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	2	1	0.01	1	0.01	2
Upper Limit	10,000	10,000	15	10,000	15	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	%	ppm m / m
C00129023	1631	2	1.42	31	0.16	7
C00129024	1211	2	1.43	32	0.09	6
C00129025	1514	2	1.21	29	0.11	7
C00129026	1344	2	1.51	37	0.04	8
C00129027	1340	<1	0.78	42	0.11	4
C00129028	1439	<1	0.56	71	0.11	4
C00129029	1671	1	1.52	40	0.06	11
C00129030	1461	1	1.42	46	0.06	3
C00129031	2574	<1	1.00	30	0.37	6
C00129032	899	3	1.66	40	0.09	5
C00129033	808	3	2.20	34	0.08	6
C00129034	1800	2	2.08	31	0.09	7
C00129035	1160	2	1.60	35	0.11	7
C00129036	621	2	2.10	29	0.05	7
C00129037	772	2	2.09	23	0.05	6
C00129038	1024	2	1.84	28	0.09	7
C00129039	875	3	2.10	29	0.08	7
C00129040	616	2261	2.02	31	0.06	130
C00129041	1223	2	1.92	30	0.19	7
C00129042	1144	2	1.96	27	0.11	7
C00129043	1079	2	1.88	33	0.10	9
C00129044	986	2	1.90	26	0.10	7
C00129045	464	<1	2.14	30	0.02	9
C00129046	706	2	2.54	28	0.06	7
C00129047	1120	2	2.08	24	0.04	6
C00129048	1022	2	1.78	30	0.11	7
C00129049	1345	2	1.50	33	0.09	6
C00129050	1392	2	1.39	35	0.09	5
C00129051	1120	1	2.29	40	0.08	7
C00129052	1598	2	1.62	28	0.12	8
C00129053	1091	2	1.96	26	0.13	7

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@Mn	@Mo	@Na	@Ni	@P	@Pb
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	2	1	0.01	1	0.01	2
Upper Limit	10,000	10,000	15	10,000	15	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	%	ppm m / m
C00129054	1003	2	1.95	27	0.11	7
C00129055	1114	2	1.86	34	0.09	7
C00129056	981	2	2.23	30	0.08	6
C00129057	994	2	1.89	31	0.11	6
C00129058	963	3	2.00	27	0.06	7
C00129059	1106	2	2.11	33	0.08	7
C00129060	1159	2	2.03	32	0.07	6
C00129061	1604	2	1.74	46	0.32	6
C00129062	751	4	2.32	31	0.09	6
C00129063	991	3	1.93	24	0.08	5
C00129064	1008	3	2.18	24	0.07	6
C00129065	814	3	2.18	25	0.09	7
C00129066	959	2	2.05	24	0.06	7
C00129067	1145	2	2.11	26	0.10	8
C00129068	838	2	2.20	20	0.06	6
C00129069	826	2	2.20	28	0.04	6
C00129070	1111	2	1.99	24	0.08	7
C00129071	910	2	2.17	30	0.08	8
C00129072	733	3	2.58	24	0.04	7
C00129073	844	2	2.46	25	0.05	7
C00129074	854	2	2.42	26	0.08	7
C00129075	925	4	1.85	45	0.12	3
C00129076	652	4	2.59	22	0.08	5
C00129077	1116	2	1.36	24	0.16	6
C00129078	1051	3	1.96	28	0.09	7
C00129079	512	3	2.13	17	0.05	6
C00129080	675	229	2.25	22	0.07	16
C00129081	876	2	2.42	27	0.07	7
C00129082	520	2	2.68	23	0.05	5
C00129083	610	2	2.42	29	0.07	6
C00129084	934	2	1.94	31	0.09	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@Mn	@Mo	@Na	@Ni	@P	@Pb
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	2	1	0.01	1	0.01	2
Upper Limit	10,000	10,000	15	10,000	15	10,000
Unit	ppm m / m	ppm m / m	%	ppm m / m	%	ppm m / m
C00129085	1032	2	2.29	24	0.07	6
C00129086	1042	2	1.67	23	0.07	6
C00129087	886	3	2.18	27	0.07	6
C00129088	790	4	2.14	25	0.09	5
C00129089	933	2	1.79	22	0.06	6
C00129090	1069	2	2.24	30	0.10	10
C00129091	706	2	2.31	25	0.07	6
C00129092	1304	2	1.64	26	0.11	7
C00129093	759	3	2.12	23	0.07	6
C00129094	977	2	1.84	23	0.08	6
C00129095	432	2	1.98	18	0.04	7
*Std OREAS 520	2318	52	1.32	72	0.08	2
*Rep C00129085	1052	2	2.28	23	0.07	6
*Std OREAS 601b	221	5	1.78	7	0.03	329
*Blk BLANK	<2	<1	<0.01	<1	<0.01	<2
*Blk BLANK	2	<1	<0.01	<1	<0.01	<2
*Std OREAS 520	2386	57	1.41	74	0.08	4
*Rep C00129041	1223	1	1.92	29	0.19	7
*Std OREAS 601b	223	6	1.87	6	0.03	319
*Rep C00129004	1516	2	1.67	47	0.04	6
*Blk BLANK	2	<1	<0.01	<1	<0.01	<2
*Std OREAS 601b	225	5	1.85	7	0.03	314
*Std OREAS 520	2360	57	1.37	75	0.07	<2

Element	@S	@Sb	@Sc	@Sn	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	0.5	10	0.5	0.01
Upper Limit	5	10,000	10,000	10,000	10,000	15
Unit	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%
C00129001	0.02	<5	38.5	<10	275	0.50
C00129002	0.02	<5	41.9	<10	158	0.52

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@S	@Sb	@Sc	@Sn	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	0.5	10	0.5	0.01
Upper Limit	5	10,000	10,000	10,000	10,000	15
Unit	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%
C00129003	0.02	<5	29.4	<10	323	0.47
C00129004	0.02	<5	26.0	<10	363	0.48
C00129005	0.02	<5	32.5	<10	379	0.43
C00129006	0.01	<5	47.1	<10	363	0.45
C00129007	0.03	<5	44.9	<10	246	0.41
C00129008	0.03	<5	43.1	<10	296	0.49
C00129009	0.02	<5	41.1	<10	214	0.49
C00129010	0.06	<5	52.8	<10	278	0.52
C00129011	0.04	<5	38.8	<10	388	0.39
C00129012	0.12	<5	29.7	<10	354	0.40
C00129013	0.02	<5	41.2	<10	269	0.44
C00129014	0.03	<5	45.6	<10	356	0.42
C00129015	0.01	<5	50.7	<10	436	0.48
C00129016	0.02	<5	42.5	<10	284	0.42
C00129017	0.02	<5	35.8	<10	412	0.47
C00129018	0.02	<5	50.7	<10	355	0.49
C00129019	0.03	<5	22.1	<10	406	0.46
C00129020	1.54	<5	10.5	<10	469	0.27
C00129021	0.06	<5	50.7	<10	247	0.36
C00129022	0.06	<5	13.8	<10	311	0.34
C00129023	0.05	<5	17.5	<10	295	0.36
C00129024	0.03	<5	20.8	<10	300	0.38
C00129025	0.06	<5	17.5	<10	256	0.29
C00129026	0.03	<5	26.7	<10	336	0.45
C00129027	0.02	<5	46.6	<10	314	0.58
C00129028	0.02	<5	51.0	<10	368	0.44
C00129029	0.01	<5	42.0	<10	490	0.49
C00129030	0.01	<5	43.3	<10	371	0.53
C00129031	0.09	<5	24.1	<10	370	0.34
C00129032	0.03	<5	16.0	<10	329	0.57
C00129033	0.03	<5	17.6	<10	446	0.50

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@S	@Sb	@Sc	@Sn	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	0.5	10	0.5	0.01
Upper Limit	5	10,000	10,000	10,000	10,000	15
Unit	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%
C00129034	0.02	<5	12.1	<10	409	0.42
C00129035	0.03	<5	16.0	<10	311	0.41
C00129036	0.03	<5	13.9	<10	384	0.45
C00129037	0.02	<5	10.8	<10	383	0.45
C00129038	0.03	<5	11.0	<10	333	0.41
C00129039	0.04	<5	14.7	<10	396	0.43
C00129040	4.45	87	14.1	<10	242	0.30
C00129041	0.05	<5	14.2	<10	371	0.36
C00129042	0.05	<5	14.6	<10	378	0.44
C00129043	0.03	<5	11.2	<10	339	0.40
C00129044	0.05	<5	15.3	<10	356	0.39
C00129045	0.05	<5	20.5	<10	441	0.46
C00129046	0.02	<5	15.3	<10	470	0.47
C00129047	0.02	<5	17.9	<10	399	0.42
C00129048	0.06	<5	19.2	<10	360	0.42
C00129049	0.05	<5	25.4	<10	321	0.41
C00129050	0.03	<5	26.8	<10	320	0.39
C00129051	0.03	<5	23.5	<10	438	0.45
C00129052	0.05	<5	18.1	<10	312	0.41
C00129053	0.07	<5	16.6	<10	388	0.52
C00129054	0.06	<5	15.5	<10	374	0.48
C00129055	0.02	<5	13.7	<10	334	0.48
C00129056	0.11	<5	15.6	<10	395	0.44
C00129057	0.06	<5	16.7	<10	365	0.41
C00129058	0.03	<5	11.9	<10	356	0.40
C00129059	0.03	<5	12.4	<10	383	0.40
C00129060	0.03	<5	11.6	<10	369	0.38
C00129061	0.04	<5	18.1	<10	399	0.42
C00129062	0.04	<5	16.0	<10	440	0.48
C00129063	0.03	<5	11.4	<10	350	0.42
C00129064	0.03	<5	11.3	<10	392	0.43

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@S	@Sb	@Sc	@Sn	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	0.5	10	0.5	0.01
Upper Limit	5	10,000	10,000	10,000	10,000	15
Unit	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%
C00129065	0.02	<5	10.5	<10	381	0.46
C00129066	0.03	<5	12.0	<10	363	0.42
C00129067	0.05	<5	17.0	<10	394	0.42
C00129068	0.04	<5	10.5	<10	406	0.44
C00129069	0.02	<5	13.0	<10	401	0.58
C00129070	0.04	<5	16.0	<10	378	0.47
C00129071	0.04	<5	13.2	<10	391	0.46
C00129072	0.03	<5	12.9	<10	456	0.52
C00129073	0.03	<5	11.4	<10	432	0.50
C00129074	0.03	<5	11.7	<10	427	0.49
C00129075	0.05	<5	21.3	<10	372	0.63
C00129076	0.07	<5	14.5	<10	503	0.50
C00129077	0.04	<5	8.4	<10	244	0.28
C00129078	0.04	<5	14.2	<10	366	0.45
C00129079	0.04	<5	10.7	<10	385	0.42
C00129080	1.47	<5	10.4	<10	428	0.26
C00129081	0.03	<5	12.4	<10	433	0.48
C00129082	0.02	<5	12.4	<10	492	0.49
C00129083	0.04	<5	13.9	<10	440	0.56
C00129084	0.05	<5	13.4	<10	351	0.47
C00129085	0.02	<5	10.9	<10	426	0.48
C00129086	0.03	<5	9.5	<10	302	0.34
C00129087	0.05	<5	13.7	<10	414	0.44
C00129088	0.06	<5	13.8	<10	411	0.46
C00129089	0.03	<5	11.5	<10	332	0.40
C00129090	0.07	<5	16.6	<10	431	0.49
C00129091	0.07	<5	14.6	<10	440	0.51
C00129092	0.05	<5	13.2	<10	330	0.40
C00129093	0.04	<5	11.5	<10	399	0.43
C00129094	0.04	<5	12.5	<10	345	0.39
C00129095	0.03	<5	9.8	<10	343	0.38

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@S	@Sb	@Sc	@Sn	@Sr	@Ti
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12
Lower Limit	0.01	5	0.5	10	0.5	0.01
Upper Limit	5	10,000	10,000	10,000	10,000	15
Unit	%	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%
*Std OREAS 520	0.94	<5	15.7	<10	98.2	0.38
*Rep C00129085	0.02	<5	10.8	<10	425	0.48
*Std OREAS 601b	1.41	23	3.4	<10	227	0.12
*Blk BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01
*Blk BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01
*Std OREAS 520	1.00	<5	16.3	<10	101	0.40
*Rep C00129041	0.04	<5	13.9	<10	377	0.37
*Std OREAS 601b	1.46	25	3.6	<10	238	0.13
*Rep C00129004	0.02	<5	26.1	<10	364	0.48
*Blk BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01
*Std OREAS 601b	1.48	23	3.5	<10	242	0.13
*Std OREAS 520	0.97	<5	15.8	<10	102	0.40

Element	@V	@W	@Y	@Zn	@Zr	Cu
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GO_ICP42Q100
Lower Limit	2	10	0.5	1	0.5	0.01
Upper Limit	10,000	10,000	10,000	10,000	10,000	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%
C00129001	251	<10	17.7	121	50.9	-
C00129002	280	<10	17.8	162	48.4	-
C00129003	201	<10	17.1	142	50.6	-
C00129004	177	<10	20.2	113	53.1	-
C00129005	196	<10	13.0	97	38.6	-
C00129006	263	<10	14.0	122	30.8	-
C00129007	239	<10	15.9	76	25.3	-
C00129008	245	<10	18.7	135	40.0	-
C00129009	217	<10	20.5	125	36.3	-
C00129010	336	<10	26.5	108	25.8	-
C00129011	252	<10	12.9	92	16.1	-
C00129012	240	<10	16.8	113	21.6	-
C00129013	267	<10	17.9	108	24.7	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@V	@W	@Y	@Zn	@Zr	Cu
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GO_ICP42Q100
Lower Limit	2	10	0.5	1	0.5	0.01
Upper Limit	10,000	10,000	10,000	10,000	10,000	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%
C00129014	260	<10	21.7	85	20.9	-
C00129015	288	<10	18.0	140	36.8	-
C00129016	253	<10	17.6	145	26.8	-
C00129017	198	<10	14.3	95	42.6	-
C00129018	223	<10	16.9	102	50.4	-
C00129019	146	<10	10.6	112	52.7	-
C00129020	87	<10	13.3	95	38.9	1.31
C00129021	212	<10	11.9	147	23.5	-
C00129022	94	<10	9.5	153	49.0	-
C00129023	113	<10	8.7	143	51.9	-
C00129024	123	<10	10.1	117	57.1	-
C00129025	100	<10	11.2	151	52.7	-
C00129026	168	<10	14.0	131	49.7	-
C00129027	217	<10	15.6	75	41.2	-
C00129028	268	<10	13.2	101	21.0	-
C00129029	285	<10	20.2	177	33.6	-
C00129030	289	<10	19.3	110	33.9	-
C00129031	147	<10	11.9	150	29.0	-
C00129032	136	<10	11.2	155	88.7	-
C00129033	152	<10	12.1	91	63.9	-
C00129034	110	<10	7.8	326	53.2	-
C00129035	127	<10	10.3	169	66.0	-
C00129036	115	<10	9.7	112	68.0	-
C00129037	95	<10	7.1	95	61.4	-
C00129038	94	<10	8.9	104	65.8	-
C00129039	115	<10	9.6	129	64.2	-
C00129040	100	16	13.6	314	43.2	2.23
C00129041	96	<10	10.7	138	56.8	-
C00129042	108	<10	10.5	104	54.5	-
C00129043	93	<10	8.1	432	69.9	-
C00129044	113	<10	12.3	104	58.8	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@V	@W	@Y	@Zn	@Zr	Cu
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GO_ICP42Q100
Lower Limit	2	10	0.5	1	0.5	0.01
Upper Limit	10,000	10,000	10,000	10,000	10,000	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%
C00129045	130	<10	8.6	181	56.3	-
C00129046	132	<10	8.1	85	56.1	-
C00129047	123	<10	9.8	94	55.1	-
C00129048	129	<10	15.2	133	70.0	-
C00129049	145	<10	15.1	121	54.5	-
C00129050	133	<10	11.1	121	57.3	-
C00129051	173	<10	14.2	87	49.6	-
C00129052	106	<10	13.7	118	73.2	-
C00129053	124	<10	12.6	123	66.1	-
C00129054	119	<10	13.5	111	75.0	-
C00129055	110	<10	9.2	154	73.8	-
C00129056	120	<10	10.8	106	66.8	-
C00129057	125	<10	14.3	102	66.1	-
C00129058	100	<10	8.1	160	59.8	-
C00129059	101	<10	10.3	237	61.0	-
C00129060	94	<10	9.0	243	56.7	-
C00129061	149	<10	15.7	668	74.0	-
C00129062	134	<10	11.7	99	54.5	-
C00129063	101	<10	8.5	122	63.8	-
C00129064	98	<10	8.3	108	61.9	-
C00129065	91	<10	8.2	123	72.0	-
C00129066	99	<10	8.8	120	65.0	-
C00129067	123	<10	13.6	113	50.5	-
C00129068	88	<10	7.1	122	54.4	-
C00129069	123	<10	8.7	120	65.8	-
C00129070	116	<10	15.2	107	68.5	-
C00129071	115	<10	9.2	145	63.1	-
C00129072	115	<10	8.2	163	59.1	-
C00129073	106	<10	7.7	119	54.1	-
C00129074	100	<10	8.8	119	69.1	-
C00129075	159	<10	16.9	103	79.3	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@V	@W	@Y	@Zn	@Zr	Cu
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GO_ICP42Q100
Lower Limit	2	10	0.5	1	0.5	0.01
Upper Limit	10,000	10,000	10,000	10,000	10,000	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%
C00129076	130	<10	8.5	91	55.5	-
C00129077	62	<10	7.3	108	56.6	-
C00129078	114	<10	10.1	106	64.2	-
C00129079	88	<10	7.3	61	54.0	-
C00129080	83	<10	13.2	85	38.4	1.32
C00129081	109	<10	9.2	106	54.2	-
C00129082	109	<10	8.6	61	52.9	-
C00129083	128	<10	8.6	101	66.0	-
C00129084	116	<10	8.5	212	60.6	-
C00129085	93	<10	8.1	165	57.7	-
C00129086	76	<10	7.3	126	48.2	-
C00129087	115	<10	10.3	129	52.2	-
C00129088	119	12	10.2	115	49.4	-
C00129089	89	<10	8.0	127	60.4	-
C00129090	135	<10	12.9	151	48.6	-
C00129091	120	<10	11.2	134	60.3	-
C00129092	100	<10	10.1	218	52.7	-
C00129093	97	<10	7.8	152	51.5	-
C00129094	97	<10	9.9	116	55.6	-
C00129095	74	<10	8.0	92	64.2	-
*Rep C00129080	-	-	-	-	-	1.31
*Std OREAS 928	-	-	-	-	-	1.50
*Blk BLANK	-	-	-	-	-	<0.01
*Std OREAS 520	231	35	18.8	18	118	-
*Rep C00129085	91	<10	8.8	170	59.7	-
*Std OREAS 601b	11	<10	10.6	299	176	-
*Blk BLANK	<2	<10	<0.5	<1	0.5	-
*Blk BLANK	<2	<10	<0.5	2	<0.5	-
*Std OREAS 520	244	35	19.3	19	124	-
*Rep C00129041	94	<10	10.4	139	55.6	-
*Std OREAS 601b	11	<10	10.6	333	175	-

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Submission Number *BBY* VIDETTE / 95 Soil
Number of Samples 95

ANALYSIS REPORT BBM21-10047

Element	@V	@W	@Y	@Zn	@Zr	Cu
Method	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GE_ICP40Q12	GO_ICP42Q100
Lower Limit	2	10	0.5	1	0.5	0.01
Upper Limit	10,000	10,000	10,000	10,000	10,000	30
Unit	ppm m / m	ppm m / m	ppm m / m	ppm m / m	ppm m / m	%
*Rep C00129004	179	<10	20.8	112	54.1	-
*Blk BLANK	<2	<10	<0.5	2	<0.5	-
*Std OREAS 601b	11	<10	10.8	316	173	-
*Std OREAS 520	248	42	18.9	18	124	-

SGS Canada Minerals Burnaby conforms to the requirements of ISO/IEC17025 for specific tests as listed on their scope of accreditation found at https://www.scc.ca/en/search/laboratories/sgs
Tests and Elements marked with an "@" symbol in the report denote ISO/IEC17025 accreditation.

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Appendix 5 - Summary of Expenditures

Exploration Work type	Comment				
Personnel (Name) / Position	**Field Days**	**Days**	**Rate**	**Subtotal***	
Scott Dorion	May 17th to 21st 2021	5	$600.00	$3,000.00	
Dan Ramirez	May 17th to 21st 2021	5	$500.00	$2,500.00	
Koeben Jurykovsky	May 17th to 21st 2021	5	$500.00	$2,500.00	
Jacob Moffat	May 17th to 21st 2021	5	$500.00	$2,500.00	
				$10,500.00	**$10,500.00**
Office Studies	**List Personnel**				
Literature search	Andy	10.3	$130.00	$1,332.50	
Database compilation	Scott	19.3	$100.00	$1,925.00	
General research	Jacob	2.8	$60.00	$165.00	
				$3,422.5	**$3,422.5**
Ground geophysics	**Line Kilometres**				
Magnetics	12			$3,937.50	
				$3,937.50	**$3,937.50**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Soil			$0.00	$0.00	
Rock			$0.00	$3,570.33	
				$3,570.33	**$3,570.33**
Transportation		**No.**	**Rate per day**	**Subtotal**	
truck rental				$2,997.72	
Hive vehicle			$130.00	$682.50	
Driving Force			$177.13	$885.63	
Driving Force			$285.92	$1429.59	
kilometers			$0.00	$0.00	
ATV			$0.00	$0.00	
Fuel		1.00		$807.58	
Helicopter (hours)			$0.00	$0.00	
Fuel (litres/hour)			$0.00	$0.00	
Other					
				$3,941.80	**$3,805.3**
Accommodation & Food	**Rates per day**				
Hotel	$280.00	1.00	$1,400.00	$1,400.00	
Camp			$0.00	$0.00	
Meals	actual cost	1.00	$919.81	$919.81	
				$2,319.81	**$2,319.81**
Miscellaneous					
Telephone		6.50	$10.00	$65.00	
Other (Specify)					
				$65.00	**$65.00**
Equipment Rentals					
Field Gear (Specify)			$141.75	$141.75	
Other (Specify)					
TOTAL Expenditures					**$27,620.44**