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

BC Geological Survey
Assessment Report
39621

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geochemical Sampling and Geological Mapping, Omineca Property. **TOTAL COST:** $40,717.32

AUTHOR(S): Stephen Wetherup **SIGNATURE(S):**

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): 5843680. **YEAR OF WORK:** 2021

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

PROPERTY NAME: Omineca Property

CLAIM NAME(S) (on which the work was done): 1060387, 514561

COMMODITIES SOUGHT: Cu, Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 094C 149, 094C 148, 094C 052

MINING DIVISION: Omineca **NTS/BCGS:** 094C/05 E and W

LATITUDE: 56 ° 21 ' " **LONGITUDE:** 125 ° 45 ' " **(at centre of work)**

OWNER(S):
1) Commander Resources Ltd. 2)

MAILING ADDRESS:
Suite 1100 - 1111 Melville Street
Vancouver, BC, V6E 3V6

OPERATOR(S) [who paid for the work]:
1) Commander Resources Ltd. 2)

MAILING ADDRESS:

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Takla Group, andesite, basalt, augite basalt, Abraham Creek Complex, gabbro, pyroxenite, serpentinite, diorite breccia, quartz monzonite, monzonite dykes, propyllitic alteration, Fe-carbonate alteration, alkalic Cu-Au porphyry, late Triassic, early Jurassic, Cretaceous, Hogem Batholith

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 03267, 10436, 14809, 22121, 22860, 23284 23780, 25856, 27730, 27972, 29914, 34124

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	2 sq km	1060387, 514561	$20,000
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	50 samples	1060387, 514561	$20,717.32
Silt			
Rock			
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:	$ 40,717.32

ASSESSMENT REPORT

GEOCHEMICAL SAMPLING AND GEOLOGICAL MAPPING, OMINECA PROPERTY

Omineca Mining Division, British Columbia

COMMANDER RESOURCES LTD.
1100 – 1111 Melville Street
Vancouver, British Columbia
V6E 3V6

LOCATED:
190 km north-northeast of Smithers, BC
Omineca Mining Division
56º 21' North Lat., 125º 45' West Long.
NTS: 094C/05 E and W

December 10th, 2021

Prepared By:

WETHERUP GEOLOGICAL CONSULTING

Stephen Wetherup, B.Sc., P.Geo.

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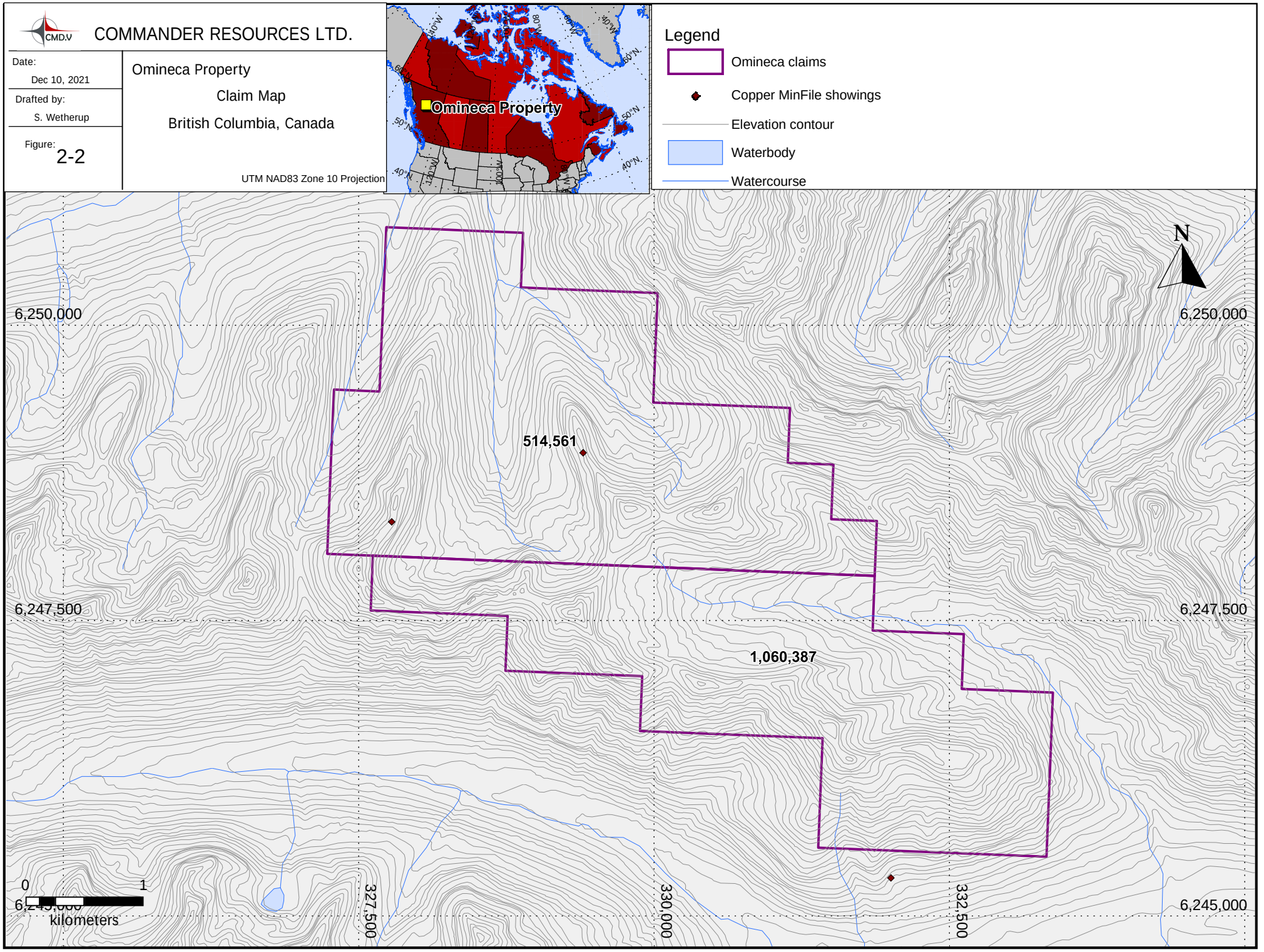
1.0 INTRODUCTION

Commander Resources Ltd. ("CMD") completed a $40,717.32 CAD exploration program on its Omineca property in the summer of 2021. Work consisted of geochemical rock sampling and geological investigation/mapping. The results of the program and interpretations derived from the data constitute the basis of this Assessment Report.

2.0 LOCATION AND PROPERTY DESCRIPTION

The Omineca property is located in north-central British Columbia ~190 km north-northeast of Smithers and 235 km NNW of Fort St. James, BC (Figure 2-1). Property co-ordinates (centre of claims) are 56°21' north Latitude and 125°45' west Longitude on N.T.S. Map No. 094C/05. The UTM (NAD83) co-ordinates are Zone 10N 329580E, 6248600N.

Figure 2-1. Location of the Omineca Property.


COMMANDER RESOURCES LTD.
Date:
Dec 10, 2021
Drafted by:
S. Wetherup
Figure:
2-2
Omineca Property
Claim Map
British Columbia, Canada
UTM NAD83 Zone 10 Projection
Omineca Property
Legend
Omineca claims
Copper MinFile showings
Elevation contour
Waterbody
Watercourse
N
514,561
1,060,387
6,250,000
6,247,500
6,245,000
327,500
330,000
332,500
0
1
kilometers

The Omineca property is comprised of two claim blocks of which Commander Resources (FMC# 116661) is the 100% owner. The property covers an area of 3299 hectares or 33.0 km^2 (Figure 2-2). Details of the claims downloaded from the Mineral Titles Online (MTO) website are listed below. The claims have not been legally surveyed.

Table 2-1. Mineral tenure summary data for the Omineca Property prior to applying the current work from this report (December 10th, 2021).

Title No.	Claim Name	Issue Date	Good to Date	Owner	Client No.	Area (ha)
514561		6/15/2005	9/03/2023	COMMANDER RESOURCES LTD.	116661	860.46
1060387	OMINECA 2	5/2/2018	9/03/2023	COMMANDER RESOURCES LTD.	116661	717.41
					Total (ha)	**1577.87**

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

3.1 Access

The Omineca property is road accessible via a series of forestry roads emanating from Fort St. James or Mackenzie BC. From Mackenzie, travel along Hwy 39 and turn right (west) of the Finlay Forest Service Road which crosses the southern end of Williston Lake. This road continues northerly along the west side of Williston Lake to the Omineca Camp and then the Osilinka camp (~ 200 km from Mackenzie). From Osilinka travel north along the Omineca Mining (Kemess) road for approximately 26 km where a turnoff to the left onto the Aiken Lake Main road and continues another 20 km to the Abraham Creek road. At the 9 km mark on the Abraham Creek road, the road is on the northern edge of the Omineca claims.

The nearest heliport is in Smithers, B.C. approximately 190 km south-southwest of the property.

3.2 Physiography

The Omineca property is situated in a the northern Osilinka Ranges which are part of the Omineca Mountains. Slopes on the property are moderate to steep and topographic relief is ~900 m, ranging from 1080 m along the shores of Tutuzzi Lake to 1910 m at the tallest peak on the property.

3.3 Climate and Vegetation

Seasonal temperatures range from lows of -35°C in winter to +30°C in July and August. January and July mean temperatures are -14°C and 15° to 20°C respectively. The property area receives moderate precipitation with winter snow-pack reportedly around 2 to 4 m but varies greatly upon elevation. Access

to the area is possible from May to October but usually the months between June and September are best

The property is forested with stands of balsam, spruce and pine. Timberline is around 1,600 m. Steeper slopes, especially those prone to avalanches, are often covered with very thick mats of low growing and tangled balsam. Terrain above 1,600 m consists of grassy alpine meadows with heather and sparse balsam interspersed with talus on steeper slopes.

3.4 Infrastructure and Local Resources

The nearest major town centre is Smithers, BC (190 km SSW) which is a resource (mining, logging, and ranching) based community with an experienced labour force, regular air service and heliports. Prince George (~400 km SE) is a larger hub from which can supply fuel, groceries, accommodation and heavy construction equipment via a 6-7 hour drive by road.

4.0 EXPLORATION HISTORY

The first recorded work in the district was in 1868 with the discovery of placer gold. Consolidated Mining and Smelting explored the areas surrounding the Hogem Batholith in the 1930's followed by Kennco Explorations in the 1940's. The Lorraine copper deposit to the south pf the Omineca property was discovered in the 1970's by Kennco and then subsequently owned by Granby Mining.

In 1953, regional geological mapping I the area sampled a quartz vein on the western portion of the property which returned high Au, Ag, Pb, Zn values and resulted in a single short drill hole to be drilled in the late 1950's, no results were found for this work.

Union Miniere Exploration and Mining Corp (UMEX) conducted regional exploration throughout north-central British Columbia including regional silt surveying and follow up airborne magnetic surveys in the late 1960's and 1970's. UMEX followed up on a Mo anomaly and staked ground SW of the current Omineca property and conducted a soil survey which outlined a 50 ppm Mo in soil anomaly. Rock sampling and mapping results were not encouraging, and the property was abandoned.

In 1981, Mattagami Lake Exploration did a reconnaissance mapping and sampling program on the central portion of the Omineca claims which returned encouraging Cu, Mo and Cu, Pb, Zn Ag Au grab samples and soil and silt samples, including soil samples up to 2400 ppb Au. However, they did not complete additional work.

Commander Resources (formerly Major General Resources) acquired the UMEX database in 1988 and identified a Cu-Au stream sediment anomaly from the data which resulted in staking the Abe claims, in 1991, over the current Omineca Property.

Between 1991 and 1994, Swannell Minerals Corp. optioned the property from Commander and conducted geological mapping, prospecting, stream, soil and rock sampling as well as an IP and ground magnetic survey. These programs were able to delineate a large Cu in soil anomaly haloed by a Au in soil anomaly in the central portion of the property which is coincident with moderate to high chargeability (15 to 35 mV/V) zone 700 x 2000 m in areal extent. This work was followed up in 1994 by drilling 10 short drill holes mainly into highly chargeable areas within the soil anomalies. Drilling intersected weakly anomalous Cu and Au (highs of 1649 ppm and 114 ppb respectively) within the diorite and pyroxenite and Cu in soil anomaly. Three holes drilled into the surrounding Takla volcanic host rocks (94-03, 04 and 05) intersected highly anomalous Au over significant intervals such as 180 ppb Au over 24 m and 340 ppb over 23 m.

Table 4-1. Summary of exploration work completed on the Omineca Property and areas directly adjacent.

ARIS No.	Year	Property	Work Summary	Operator
	1950?		1 ddh	
3267	1970		248 soils	Union Miniere Expl. & Mining Corp.
10436	1981	Altabrit	169 soil, 63 silt, 22 rock	Mattagami Lake Exploration Ltd.
14809	1985		28 soil, 39 silt, 13 rock	Suncor
22121	1990	Abe	21 rock, mapping, 37 silt	Swannell Minerals Corp.
22860	1992	Abe	35 rock, 199 grid soils	Swannell Minerals Corp.
23284	1993	Abe	126 soil, 22.5 line-km IP, 13.1 km mag	Swannell Min. Corp.
23780	1994	Abe	10 ddh, 897.9 m	Swannell Minerals Corp.
25856	1998	Abe	76 rock, 40 silt, 658 soil, 27.2 line-km IP, 35.8 line-km mag	Starfield Resources Inc.
27730	2004	Abe	9 rock	Commander Resources Ltd.
27972	2005	Abe	24 rock, 135 soil	Commander Resources Ltd.
29914	2007	Mesilinka	5 ddh, 2054 m	Geoinformatics Exploration Canada
34124	2012	Abe	11 rock, 173 soil	Commander Resources Ltd.
	2017	Omineca	8 rock, 58 soil samples	Commander Resources Ltd.
38375	2018	Omineca	57 rock samples	Commander Resources Ltd.
	2019	Omineca	11 rocks	Commander Resources Ltd.

In 1998, Starfield Resources optioned the property from Commander and conducted a more detailed soil survey and expanded the coverage as well as expanding the IP and magnetic coverage on the property. Commander continued to do prospecting and sampling from 2004 to 2005.

In 2007, Geoinformatics Exploration optioned the Omineca and several other properties in the Hogem area and conducted a large-scale data compilation within the region and mapping followed drilling 5 holes on the Omineca property. These holes tested chargeability highs within the moderate Cu in soil anomalies in similar areas that were drilled previously but to greater depth. This work defined a zoned alteration system

and metal zonation consistent with an alkalic Cu-Au porphyry system, but again only returned anomalous Cu-Au values.

Commander has completed several small exploration programs since 2007 to maintain the ground.

5.0 GEOLOGICAL SETTING

5.1 Regional Geology

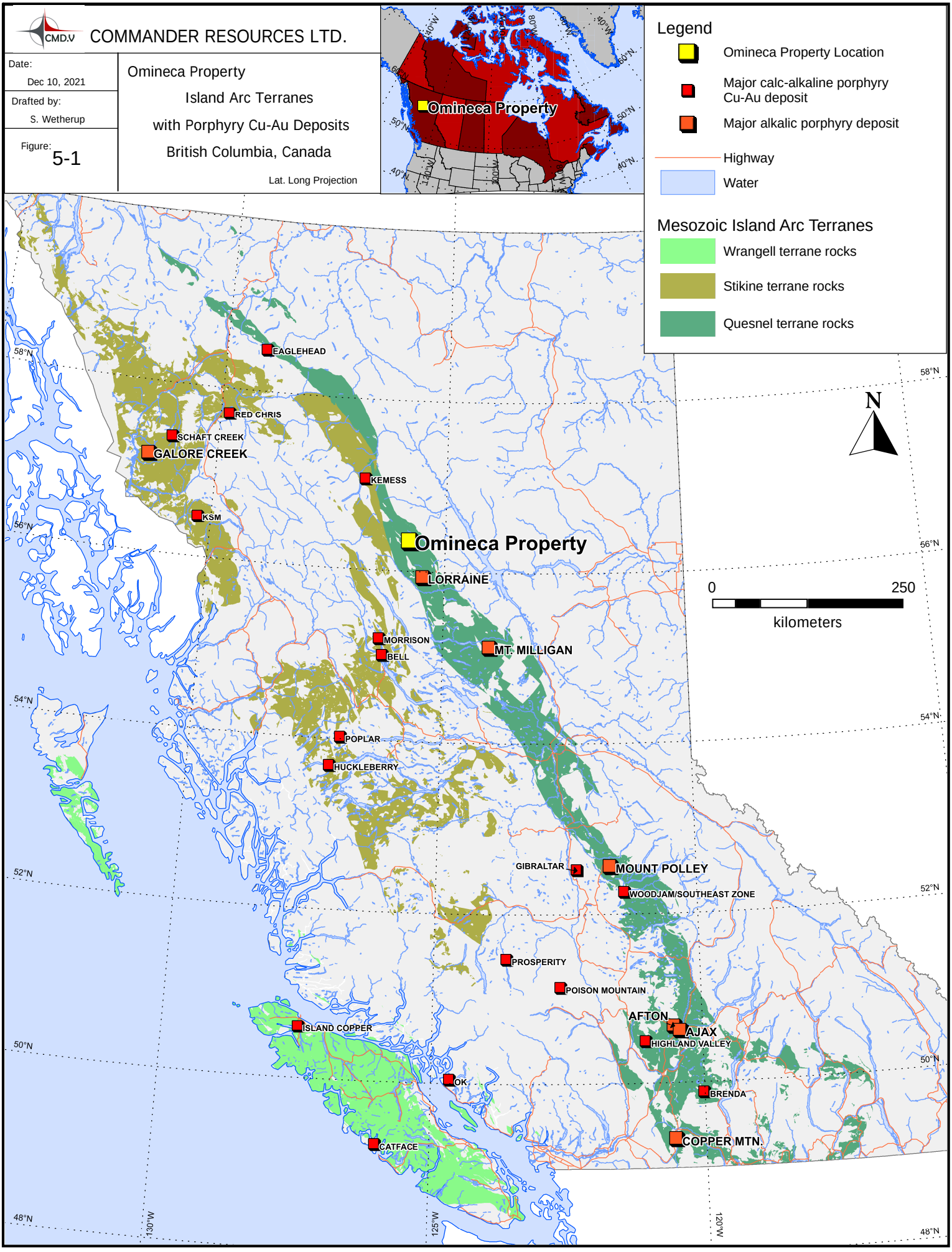
The Omineca property located in the Omineca Mountains of north-central British Columbia, lies within the upper Triassic to lower Jurassic exotic island-arc Quesnel Terrane. The Quesnel Terrane is an approximately 1600 km long belt of mafic to intermediate alkaline to calc-alkaline volcanic rocks and minor sedimentary rocks which have been intruded by a series of coeval calc-alkaline and alkaline intrusive rocks. Many of the significant porphyry Cu-Au-Mo and alkalic Cu-Au deposits within BC are hosted by these coeval intrusive rocks, such as Highland Valley, Gibraltar, Mount Polley, Afton, Copper Mountain, Lorraine, and Mt Milligan.

Within the Omineca region, the Quesnel Terrane is dominated by the Hogem Batholith, a multi-phase largely felsic batholith of alkalic affinity comprised of syenite, monzonite to quartz syenite and quartz monzonite and minor gabbro/pyroxenite and diorite phases. The Hogem Batholith outcrops for more than 100 km along the western boundary of the Quesnel Terrane and is cut by the Pinchi Fault on its western margin. This batholith is intruded into older mafic to intermediate Takla Group volcanic rocks on its eastern contact.

Later, Cretaceous granite and quartz monzonite stocks and plutons cut the Hogem Batholith and Takla rocks locally.

5.2 Property Geology

The Omineca property occurs at the eastern boundary of and at the northern end of the Hogem Batholith and at the southern end of a smaller mafic and alkalic intrusive complex, the Abraham Creek Complex. The central portion of the property is underlain by pyroxenite and diorite breccia (with pyroxenite clasts) belonging to the Abraham Creek Complex. These mafic rocks are subsequently cut by monzonite and feldspar porphyry quartz monzonite dykes. All of these are hosted by Takla Group volcanic mafic to intermediate flows and volcaniclastic rocks. Typical of the Takla Group rocks are pyroxene phenocrysts within both basalt and andesitic flows (Figure 5-3).


COMMANDER RESOURCES LTD.
Date:
Dec 10, 2021
Drafted by:
S. Wetherup
Figure:
5-1
Omineca Property
Island Arc Terranes
with Porphyry Cu-Au Deposits
British Columbia, Canada
Lat. Long Projection
Omineca Property
Legend
Omineca Property Location
Major calc-alkaline porphyry Cu-Au deposit
Major alkalic porphyry deposit
Highway
Water
Mesozoic Island Arc Terranes
Wrangell terrane rocks
Stikine terrane rocks
Quesnel terrane rocks
N
0
250
kilometers
EAGLEHEAD
RED CHRIS
SCHAFT CREEK
GALORE CREEK
KEMESS
KSM
Omineca Property
LORRAINE
MORRISON
BELL
MT. MILLIGAN
POPLAR
HUCKLEBERRY
GIBRALTAR
MOUNT POLLEY
WOODJAM/SOUTHEAST ZONE
PROSPERITY
POISON MOUNTAIN
AFTON
AJAX
HIGHLAND VALLEY
ISLAND COPPER
OK
BRENDA
COPPER MTN.
CATFACE
58°N
56°N
54°N
52°N
50°N
48°N
130°W
125°W
120°W

COMMANDER RESOURCES LTD.

Date: Dec 10, 2021

Drafted by: S. Wetherup

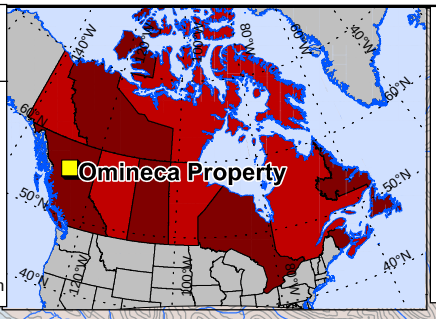
Figure: 5-2

Omineca Property

Island Arc Terranes with Porphyry Cu-Au Deposits

British Columbia, Canada

UTM NAD83 Zone 10 Projection



Legend

- Omineca Property Location
- Major alkalic porphyry deposit
- Copper showings
- Elevation contour
- Waterbody
- Watercourse

N

Omineca Property

LORRAINE

6,250,000

6,225,000

6,200,000

350,000

0 10 kilometers

Regional Geology (Quesnel Terrane)

- Cretaceous intrusives
- Hogem Plutonic Suite - Cretaceous
- Hogem Plutonic Suite - Tr to K
- Hogem Plutonic Suite - Duckling Creek Syenite Complex
- Mafic to Ultramafic Intrusives (incl Abraham Creek Complex)
- Tenakihi Intrusive Complex
- Takla Group - Witch Lake Formation
- Takla Group

COMMANDER RESOURCES LTD.

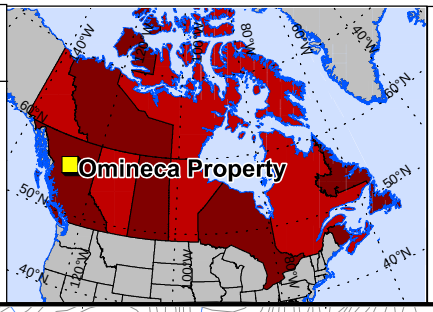
Date: Dec 10, 2021

Drafted by: S. Wetherup

Figure: 5-3

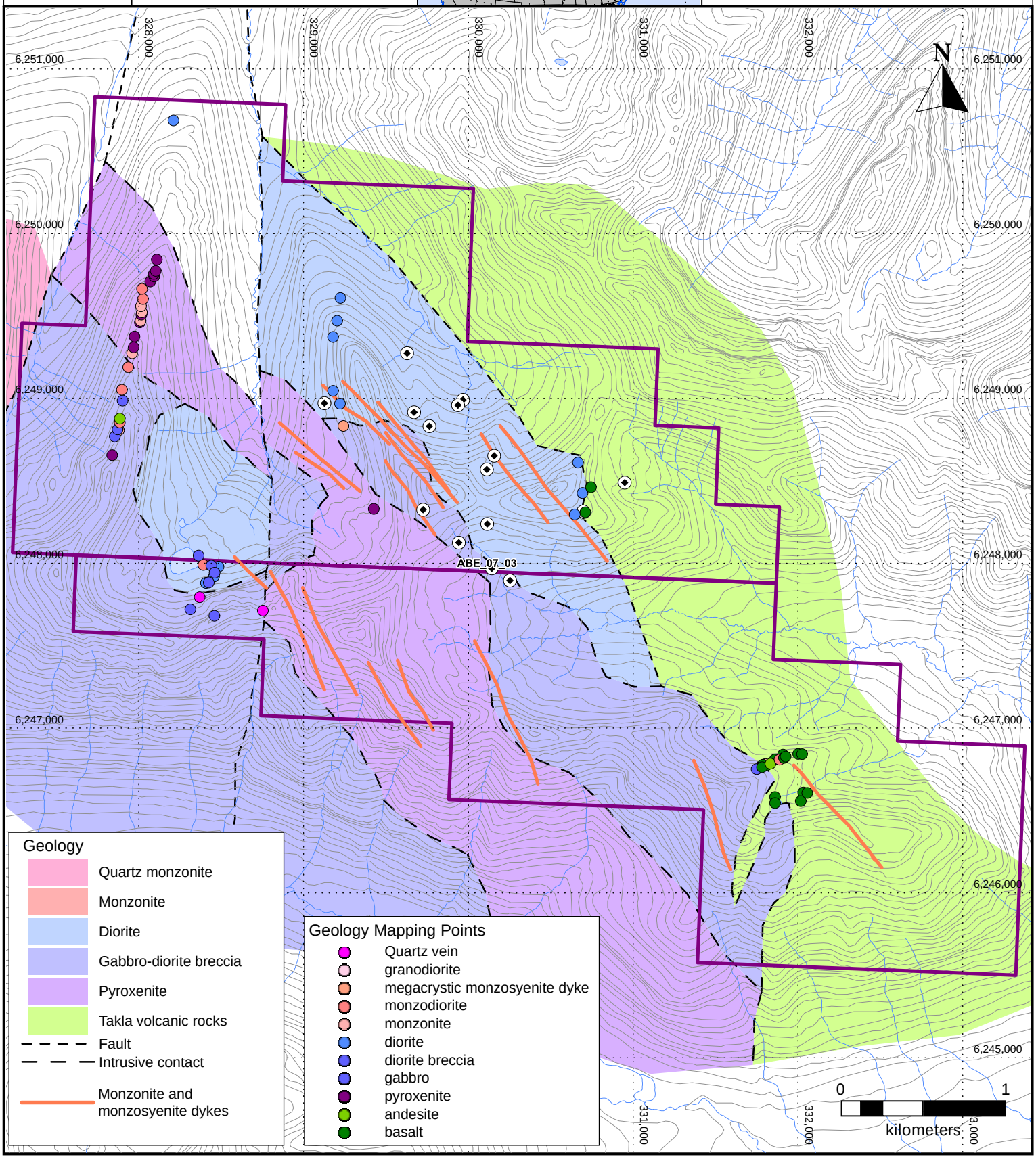
Omineca Property
Property Geology
and Outcrop Geology
British Columbia, Canada

UTM NAD83 Zone 10 Projection



Legend

- Omineca claims
- DDH
- Elevation contour
- Watercourse
- Waterbody



Geology

- Quartz monzonite
- Monzonite
- Diorite
- Gabbro-diorite breccia
- Pyroxenite
- Takla volcanic rocks
- Fault
- Intrusive contact
- Monzonite and monzosyenite dykes

Geology Mapping Points

- Quartz vein
- granodiorite
- megacrystic monzosyenite dyke
- monzodiorite
- monzonite
- diorite
- diorite breccia
- gabbro
- pyroxenite
- andesite
- basalt

Just west of the claims a Cretaceous quartz monzonite to granodiorite occurs and separates the Abraham Creek Complex and Takla rocks from the Hogem Batholith rocks.

6.0 MINERALIZATION AND ALTERATION

Three main styles of mineralization occur on the property,

(1) quartz vein Au-Ag-Zn-Pb-Cu mineralization in steep to flat-lying quartz veins with minor sericite alteration haloes and rarely wider that 50 cm wide,

(2) Quartz-ankerite veins, breccias and alteration zones with minor Au-Ag-Cu mineralization, mainly within the Takla rocks on the eastern side of the claims, and;

(3) Chalcopyrite-magnetite-chlorite veinlets and stockwork within diorite and Takla basalts, commonly adjacent to monzonite dykes.

Alteration surrounding the polymetallic quartz veins is typically pervasive silica-sericite-pyrite (QSP) haloes which occur over 5 to 10 cm from veins and appear to be the latest mineralization. These mineralized veins appear to have limited strike length (less than 100 m) and are widely spaced and irregularly mineralized.

Fe-carbonate-hematite-calcite alteration occurs along NW striking faults and fault zones along the eastern margin of the Cu soil anomaly and coincides with most of the 5 km long eastern Au in soil anomaly (> 50 ppb).

Chalcopyrite-magnetite-chlorite veinlets occur throughout the diorite and appears to be most intense in proximity to monzonite dykes where chlorite appears to be hydrothermally retrograded after biotite. These zones appear to grade outward into chlorite-epidote-pyrite zones. This style of mineralization and alteration occurs coincident with the Cu in soil anomalies and within the strongest chargeability zones (especially the chlorite-epidote-pyrite). Historical drilling has largely tested the chargeability highs and hence the peripheral alteration presumably surrounding the more "potassic" chalcopyrite-magnetite-chlorite (biotite) zones.

7.0 EXPLORATION

Work in 2021, consisted of 4 days of geological investigation, soil sampling and prospecting. A total of 50 soil samples were collected to extend the limits of soil sampling to the north and west of historical sampling

and infill sampling around the strongest Cu in soil anomaly on the property.

7.1 Sampling methods

Soil sampling consisted of digging a hole with a mattock to sample the uppermost mineral soils below the upper organic layer (i.e. B-horizon). In most areas, this required digging a 10-30 cm hole however, in bog areas these holes can be 100 cm deep or not collected at all if the organic layers is more the 100 cm.

Soil samples were collected along elevation contours or along ridge tops.

Approximately 250 to 500 g of soil material was collected per site into paper kraft bags which are marked with their unique sample number and a waterproof sample tag was placed inside each bag. UTM locations (NAD83 zone 10) were recorded into a sample book and digitally with a GPS for each sample site. GPS and compass were used to navigate and determine sample locations (i.e. 100 m from last site).

7.2 Analysis methods

Soil and silt samples were laid out and dried in a temperature-controlled garage prior to shipping to the laboratory. Rock, silt, and soil samples were sent to Bureau Veritas' facility in south Vancouver for analysis.

Soil samples were further dried and sieved to -80 mesh. An aliquot of the -80 mesh fraction was collected and dissolved by aqua-regia and the solution analyzed with an ICP-MS ultra-trace analysis for 36 elements. With these soil samples Au was also analyzed by fire-assay.

7.3 Results

Soil sampling on the western margin of the historical soil grid returned isolated weakly anomalous Cu values with one highly anomalous sample (729 ppm Cu) in the northernmost sample but again an isolated sample (Figures 7-1 and 7-2). Gold analyses from the samples collected on the western contour soil line returned isolated anomalous values much like the copper values with a high of 140 ppb Au in one sample and two consecutive samples returning 87 and 74 ppb Au. The geology in this area was highly variable with numerous monzonite to monzodiorite dykes cutting pyroxenite or gabbro host rocks. The lack of a contiguous soil anomaly is not surprising as there was considerable variability in the geology with the cross-cutting dykes and locally quartz-Fe-carbonate-galena veins which appear to host gold and cause isolated gold in soil anomalies.

Soils collected around the main Cu in soil anomaly in the historical data were collected along elevation contours which infilled areas between the original soil lines and resampled some lines. Also, the location of the original soil lines were determined by an idealized grid and not GPS so the 2021 soil sampling sought not only to verify the intensity of and infill sample the soil anomaly but also to verify its location. The verification of the location and intensity of the Cu in soil anomaly was successful as many soils in this location returned values about 1000 ppm Cu and the 2021 samples confirmed a string of 5 samples covering 280 m along the western slope of a north trending ridge where the lowest Cu in soil was 757 ppm and the highest 1679 ppm Cu, with and average of 1136 ppm Cu in the 5 samples. On the eastern slope of the ridge a 430 m stretch of 5 soil samples averaging 825 ppm Cu with a high of 1297 ppm Cu. These new analyses coupled with the historical soil sampling results encompass a contiguous area of 430 m by 650 m of highly anomalous Cu in soil ~500 ppm to 1.3% Cu in soils.

The geological mapping (Figure 5-3) sought to describe rocks in the area of the Cu in soil anomaly and describe the areas underlain by historical strong gold in soil anomalies. As mentioned earlier geological investigation on the western margin of the historical soil grid identified and number of Fe-carbonate-quartz-galena veins which appear to be associated with gold anomalies in that area. Mapping in the southern portion of the property within the strongest and largest gold in soil anomaly has shown an abundance of Fe-carbonate-quartz-sulphide veins as well as sulphide-quartz veins with no carbonate and quartz-sericite pyrite (QSP) alteration haloes. A sample collected by Commander in 2017 of one of the QSP quartz-sulphide veins returned 24.9 g/t Au and historically numerous other >1g/t Au samples. These veins are very steeply dipping and the only two holes drilled historically to test the gold in soil anomaly are two short vertical percussion holes. The southern portion of the historical gold grid is a significant drill target which has not been tested.

Mapping in the Cu soil anomaly area discovered identical geology on the western side of a ridge that was mapped in 2019 and underlies the entire 430x 650 m area,

"Most of the historical Cu in soil anomaly in the area investigated is underlain by a talus scree slope shedding from a north-south oriented ridge/arete. This ridge had been mapped by previous workers and was described as diorite with a small area cut by a monzonite dyke.

The talus in the area just below the ridge top is dominated by fine to medium grained diorite which is cut by a N-S trending monzonite to monzodiorite dyke as well as a parallel and late mega-crystic monzosyenite dyke. All of these intrusive units are cut by at least four generations of veins.

1. *Chlorite-magnetite±K-feldspar±chalcopyrite veinlets and stockwork within the diorite, commonly*

adjacent to monzonite dykes,

2. *Epidote-pyrite±albite veinlets and stockwork,*
3. *K-feldspar-magnetite-chalcopyrite veinlets and stockwork,*
4. *Quartz-K-feldspar±magnetite±epidote veins and stockwork which cross-cut chalcopyrite-magnetite-chlorite veins and epidote-pyrite veins,*

Rare, quartz-ankerite veins cut all the other vein sets but appear to be tectonic and much later than the main three vein sets.

Chlorite-magnetite-chalcopyrite veining appear to be the earliest vein set and is common throughout the diorite units on the property with localized chalcopyrite mineralization. Epidote-pyrite-albite veins are also common within the diorite and occur both close to monzonite dykes as well as at a distance of 100-300 m from the dykes.

K-feldspar-magnetite veinlets occur only within the diorite and the monzonite/monzodiorite units and are most common in the latter. These typically contain chalcopyrite and where vein densities are greater the Cu tenor in the rocks increases. They appear to cross-cut the epidote-pyrite veinlets but not in all cases and there may be two epidote-pyrite events in the area.

Quartz-K-feldspar veins with trace magnetite and epidote cut vein types 1, 2 and 3 and appear to be devoid of chalcopyrite. These veins also are the only veins to cut the mega-crystic monzo-syenite dyke and are found in close proximity to this dyke.

Rock sampling confirmed that generally K-feldspar quartz veined rocks as well as the strongly pyritic-epidote veins and altered rocks contained very low copper values (<300 ppm). Rock samples collected with chlorite-magnetite-K-feldspar veins contained elevated copper values (<300 ppm) including highs of 0.33% and 0.1% Cu. These rocks are likely the cause of the anomalous soils that exceed 0.1% Cu.

A high copper sample >1% Cu was returned from a talus fragment consisting of a strongly oxidized malachite-azurite vein which was found near outcrops of monzonite and monzodiorite intruding diorite."(Wetherup, 2020)

COMMANDER RESOURCES LTD.

Date: Dec 10,, 2021

Drafted by: S. Wetherup

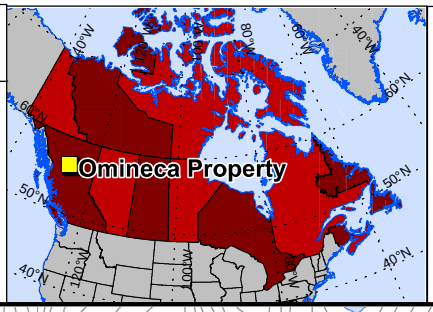
Figure: 7-1

Omineca Property

Cu in Soils

British Columbia, Canada

UTM NAD83 Zone 10 Projection



Legend

- Omineca claims
- DDH
- Elevation contour
- Watercourse
- Waterbody

ABE_07-03

Geology

- Quartz monzonite
- Monzonite
- Diorite
- Gabbro-diorite breccia
- Pyroxenite
- Takla Volcanic rocks
- Fault
- Intrusive contact
- Monzonite and monzosyenite dykes

2021 Cu in Soils

1,000	to	10,000
400	to	1,000
200	to	400
0	to	200

Cu in Soils (historical)

1,000	to	10,000
400	to	1,000
200	to	400

0 1 kilometers

COMMANDER RESOURCES LTD.

Date: Dec 10,, 2021

Drafted by: S. Wetherup

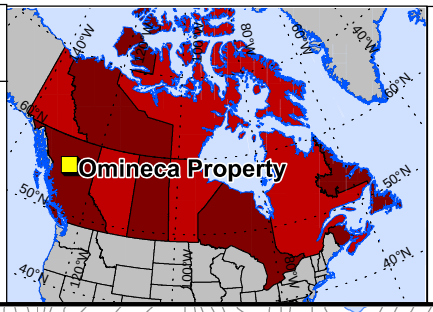
Figure: 7-2

Omineca Property

Au in Soils

British Columbia, Canada

UTM NAD83 Zone 10 Projection



Legend

- Omineca claims
- DDH
- Elevation contour
- Watercourse
- Waterbody

ABE_07-03

Geology

- Quartz monzonite
- Monzonite
- Diorite
- Gabbro-diorite breccia
- Pyroxenite
- Takla Volcanic rocks
- Fault
- Intrusive contact
- Monzonite and monzosyenite dykes

2021 Au in Soils ppb

100	to	10,000
50	to	100
15	to	50
0	to	15

Au in Soils (historical) ppb

100	to	3,996
50	to	100
15	to	50

8.0 CONCLUSIONS

The 2021 work programme sought to determine the western margin of Cu and Au in soil anomalies and verify the strongest Cu in soil anomaly on the property, an anomaly that has not be directly drill tested. Also, geological mapping was conducted along soil lines and in areas with anomalous gold in soils to describe the possible bedrock sources for these anomalies.

Soil sampling on the western margin returned isolated Cu or Au anomalous samples rendering the areas to the west as low priority areas. However, soil sampling in the area of the strongest Cu in soil anomaly from historical data better defines a 430 x 650 m area of soils > 500 ppm Cu and most ~ 1000 ppm Cu.

There appear to be two geological features which account for gold in soil anomalies on the property (1) Fe-carbonate-quartz-galena veins on the western margin of the current claims and spatially related to Hogem Batholith coarse grained quartz-monzonite and monzodiorite intrusions and (2) Sulphide-quartz veins with quartz-sericite-pyrite alteration haloes which are prominent along a NW trend at the southeast end of the historical soil grid. The second style of vein appears to be the most wide-spread and forms a contiguous Au in soil anomaly which is largely covered with talus and till and has only bee tested with two short vertical drill holes.

As for the Cu in soil anomaly it has only been tested along its margin by historical drilling and as it also the locus for numerous phases of intrusions from gabbro to monzonite to megacrystic K-feldspar syenite and contains multiple phases of alteration it is the best drill target on the property for a alkalic porphyry Cu mineralization.

9.0 EXPLORATION EXPENDITURES

These expenditures cover the costs of field work, assays, interpretation, and report writing for Event # 5843680.

Table 9-1. Summary of exploration expenses.

Item	Description	Amt	Units	Cost/Unit	Total
Labour	S. Wetherup (Aug 17 to 20)	4	days	$ 735.00	$ 2,940.00
Labour	Carl Ryan (Aug 17-20)	4	days	$ 551.25	$ 2,205.00
Travel Time	SW, CR (3 days each)	3	days	$ 1,286.25	$ 3,858.75
Accommodation	Alexander MacKenzie (for 2)	5	nights	$ 291.54	$ 1,457.70
Accommodation	Pomoroy Prince George (for 2)	1	nights	$ 464.00	$ 464.00
Meals	per day for 2 people	7	days	$ 94.82	$ 663.74
Geochemical Analysis	Acme Labs (soils)	50	samples	$ 25.00	$ 1,250.00
Helicopter	Yellowhead Helicopters	15.3	hours	$ 1,367.50	$ 20,922.71
Truck rental		7	days	$ 175.00	$ 750.00
Fuel	driving to Mackenzie				$ 555.42
Miscellaneous	Supplies/sample bags				$ 50.00
Report writing		3	days	$ 800.00	$ 2,400.00
Field and data preparation and map making		4	days	$ 800.00	$ 3,200.00
					$ 40,717.32

10.0 STATEMENTS OF AUTHORSHIP

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CERTIFICATE OF AUTHOR

I, Stephen Wetherup, do hereby certify that,

1. I am a graduate of the University of Manitoba with a B.Sc. Honours in Geology.

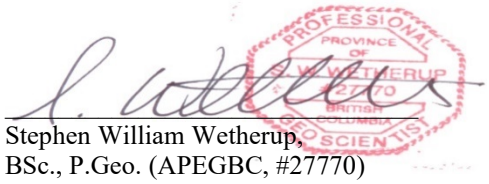
2. I am a member of the Association of Association of Professional Engineers and Geoscientists of British Columbia (APEGBC, #27770). I am a member of the Society of Economic Geologists and the Vancouver Mining Exploration Group.

3. I have been operating a business as a geological consultant under my own name since June, 2001, and under the name of Caracle Creek International Consulting Inc. since March, 2004.

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

5. I am responsible for the preparation of the Report titled "Assessment Report: Geochemical Sampling and Geological Mapping, Omineca Property, Omineca Mining Division, British Columbia", (the "Report"), dated December 10th, 2021.

Dated this 10th Day of December, 2021.



Stephen William Wetherup,
BSc., P.Geo. (APEGBC, #27770)

11.0 SELECTED BIBLIOGRAPHY

Adamson, R.S., 1970: Swannell Project, Werrner-Gren Joint Venture, Union Miniere Explorations & Mining Corporation Limited Private Report; Dolmage Campbell & Associates Ltd.

Cross, D.B., 1985: Geochemical Report, Izzi Claim, Omineca Mining Division, British Columbia; Suncor Resources Group, BCEMPR Assessment Report # 14809.

Ferri, F. et al., 2001, Geology of the Aiken Lake area, North-Central British Columbia; BC Ministry of Energy and Mines, Geoscience Map 2001-10.

Ferreira, W. and Helsen, J., 1982: Altabrit Claims, Report No. 1, Geochemistry and Geology, Omineca Mining Division, British Columbia; Mattagami Lake Exploration Ltd., BCEMPR Assessment Report # 10436.

Jory, L.T. 1971: Geochemical Report on Grouse Mineral Claims; 94C/5W Union Miniere Explorations & Mining Corporation Limited Private Report; Dolmage Campbell & Associates Ltd.

Kalhert, B., 2005. Assessment Report, ABE Property, prospecting and sampling 2005. BCEMPR Assessment Report # 27972.

Leriche, P., 1991: Geological and Geochemical Report on the Abe Property; Swannell Minerals Corp. BCEMPR Assessment Report # 22121

Leriche, P., 1993: Geological and Geochemical Report on the Abe Property; Swannell Minerals Corp., BCEMPR Assessment Report # 22860

Leriche, P., 1992: Geological and Geochemical Report on the Abe Property; Swannell Minerals Corp., BCEMPR Assessment Report # 23284

Leriche, P., 1995: 1994 Diamond Drilling Report on the Abe Property, Aiken Lake area, Omineca Mining District, British Columbia; Swannell Minerals Corp., BCEMPR Assessment Report # 23780.

British Columbia Geological Survey, Ministry of Energy, Mines and Natural Gas, Bedrock Geology of BC, GeoFile 2005

Mair J., Bidwell G., 2008: Report on Geological Mapping and Diamond Drill Programs on Prospects in the Mesilinka Project, Omineca Mining Division; Geoinformatics Exploration Canada Ltd, BCEMPR Assessment Report # 29914

Sivertz G., 1998: Geological Report on the Abe Property; Starfield Resources Inc., BCEMPR Assessment Report # 25856.

Wetherup, S., 2020: Geochemical Sampling and Geological Mapping, Omineca Property, Omineca Mining

Division, British Columbia, BCEMP Assessment Report #XX.

APPENDIX 1

Geology Station, Soil Sample

Summary Data

Station	Date Created	N_83z10	E_83z10	Description	Sample No.	Type	AUFA_ppb	Au_ppb	Ag_ppm	Al_pct	As_ppm	B_ppm	Ba_ppm	Bi_ppm
OMSW21-016	8/18/2021	329439	6248349		1589051	soil	6	4.2	221	1.47	1.8	<20	34.2	0.22
OMSW21-017	8/18/2021	329425	6248408		1589052	soil	4	3.5	139	1.64	1.1	<20	39.7	0.13
OMSW21-018	8/18/2021	329407	6248453		1589053	soil	12	5.2	463	1.41	1.7	<20	68.3	0.33
OMSW21-019	8/18/2021	329389	6248558	a lot of ksp porphyry talus	1589054	soil	5	1.7	279	3.01	1.5	<20	100.3	0.14
OMSW21-020	8/18/2021	329328	6248629		1589055	soil	11	5.7	310	1.58	2.6	<20	81	0.18
OMSW21-021	8/18/2021	329287	6248721	few mg mz cobble with chl mt veining	1589056	soil	3	89.6	141	2.42	1	<20	56.8	0.1
OMSW21-022	8/18/2021	329242	6248833	poss subcrop of kfp mz material with abundant white qtz veins 1cm to 10 cm in width	1589056	soil	7	0.4	90	1.3	1.4	<20	81.5	0.24
OMSW21-024	8/18/2021	329233	6248890		1589058	soil	10	63.4	268	3.07	4.6	<20	134	0.18
OMSW21-025	8/18/2021	329222	6248968	skree slope of limonite stained diorite ep chl alt	1589059	soil	41	36.1	758	2.85	12.7	<20	50.1	0.71
OMSW21-027	8/18/2021	329191	6249028		1589060	soil	48	31	601	3.27	12.4	<20	46.4	0.55
OMSW21-029	8/18/2021	329168	6249057		1589061	soil	20	9.1	348	2.36	5.2	<20	51.5	0.33
OMSW21-030	8/18/2021	329178	6249163		1589062	soil	28	24.6	296	3.82	7.1	<20	42.1	0.34
OMSW21-032	8/18/2021	329171	6249267		1589063	soil	12	7	133	2.61	3.4	<20	76.5	0.23
OMSW21-033	8/18/2021	329180	6249373	chl ep altered dio, rare chl or ep vn	1589064	soil	18	23.5	203	2.22	3.2	<20	89	0.3
OMSW21-034	8/18/2021	329204	6249472		1589065	soil	22	12.1	337	2.4	3.7	<20	76.4	0.39
OMSW21-035	8/18/2021	329168	6249566		1589066	soil	19	13.2	148	2.23	3.7	<20	60	0.47
OMSW21-036	8/18/2021	329152	6249666		1589067	soil	12	4.6	118	1.04	0.9	<20	52	0.38
OMSW21-037	8/18/2021	329150	6249809	bouldery	1589068	soil	71	30.3	323	1.44	1.5	<20	61.4	0.34
OMSW21-038	8/18/2021	329088	6249882		1589069	soil	30	5.7	172	1.49	1.7	<20	53.3	0.24
OMSW21-039	8/18/2021	329044	6249969		1589070	soil	77	39.3	337	2.11	4.6	<20	66.8	0.35
OMSW21-040	8/18/2021	329008	6250063		1589071	soil	42	20.5	101	1.92	4.6	<20	66.1	0.31
OMSW21-041	8/18/2021	328971	6250147	boulders and rounded for last 300 m likely morraine	1589072	soil	7	2.1	215	1	1.7	<20	38.3	0.2
OMSW21-043	8/18/2021	329287	6249595	talus soil, blocks of mg dio some bx and poss aug porphyry. also fg hbl mz dio blocks with intense ep +/- ksp vn stx with trace py, ep vying with local ksp common	1589073	soil	84	70.8	605	3.57	4.3	<20	62.3	0.27
OMSW21-046	8/18/2021	329381	6249531		1589074	soil	5	9.2	140	1.24	1	<20	53.2	0.34
OMSW21-048	8/18/2021	329415	6249450		1589075	soil	81	67.3	251	3.6	3.2	<20	142.4	0.2
OMSW21-050	8/18/2021	329483	6249343		1589076	soil	76	41.6	208	3.36	4	<20	123.3	0.18
OMSW21-051	8/18/2021	329542	6249257		1589077	soil	149	196.1	320	3.06	5.6	<20	76.3	1
OMSW21-052	8/18/2021	329605	6249161		1589078	soil	26	14	128	2.67	2.5	<20	87.3	0.19
OMSW21-053	8/18/2021	329617	6249067	last 2 samples in flat area with root development	1589079	soil	13	7.6	67	2.51	2.2	<20	51.5	0.17
OMSW21-054	8/19/2021	327839	6248656		1589080	soil	7	3.6	62	2.78	1.4	<20	108.6	0.04
OMSW21-055	8/19/2021	327854	6248770		1589081	soil	25	19.2	121	2.47	1.5	<20	81.7	0.14

Station	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm
OMSW21-016	0.52	0.11	65.2	433.3	525.21	5.09	4.1	9	0.22	0.9	2.49	397	7.68	0.012	139.2	0.017	4.18	0.03	0.06
OMSW21-017	0.7	0.19	37.3	283.8	193	3.77	4.3	11	0.13	1	2.09	508	5.72	0.022	88.4	0.026	4.6	0.03	0.1
OMSW21-018	0.62	0.17	50	192.5	395.5	4.38	4.2	12	0.43	1	1.92	353	22.54	0.019	92.8	0.052	15.28	0.09	0.07
OMSW21-019	0.71	0.09	29.1	92.5	268.35	5.46	6.4	26	0.27	1.3	2.39	596	14.37	0.02	65.7	0.061	2.9	0.13	0.14
OMSW21-020	1.24	0.29	258.6	200.2	1456.08	3.53	5.3	38	0.08	5.9	1.29	1504	24.26	0.021	102.9	0.082	6.29	0.09	0.16
OMSW21-021	0.59	0.09	21.1	127.8	78.65	3.59	6.6	27	0.07	1.6	1.86	779	6.77	0.016	60.4	0.059	4.14	0.03	0.07
OMSW21-022	0.36	0.06	21.7	117.2	150.25	3.23	7.4	57	0.1	3.4	0.61	1711	4.17	0.016	44.6	0.139	8.05	0.06	0.13
OMSW21-024	0.29	0.22	54	126	757.63	5.82	9.6	32	0.14	3.2	1.31	890	3.42	0.003	75.9	0.109	23.56	0.04	0.22
OMSW21-025	0.57	0.64	147.5	119.1	1679.52	7.78	10	26	0.04	4.6	2.34	1563	9.28	0.008	94.1	0.127	723.82	<0.02	0.52
OMSW21-027	0.34	0.21	83.2	106.6	1122.31	8.3	10	38	0.04	3.8	1.55	771	8.01	0.006	214.2	0.217	6.02	0.04	0.34
OMSW21-029	0.54	0.16	49.7	112.6	803.32	5.91	6.5	31	0.05	3.1	1.26	471	7.74	0.007	79.2	0.139	5.99	0.03	0.33
OMSW21-030	1.27	0.15	196	254.9	1316.78	6.35	6.4	19	0.15	2.7	2.36	843	6.43	0.008	276	0.115	2.49	<0.02	0.32
OMSW21-032	0.56	0.15	22.5	199.3	183.05	4.66	7.6	31	0.07	4.2	1.46	342	5.56	0.009	91.9	0.115	5.33	0.02	0.2
OMSW21-033	0.48	0.11	25.1	118.9	210.09	4.67	7.4	43	0.07	4.1	1.22	532	3.49	0.011	62.3	0.099	5.4	0.05	0.17
OMSW21-034	0.35	0.12	26.4	114.3	218.47	4.59	7.7	63	0.05	5.1	1.15	470	2.08	0.01	48.8	0.093	4.29	0.06	0.18
OMSW21-035	0.37	0.1	35.7	208.3	245.67	5.18	6.5	16	0.05	4	1.47	470	2.4	0.012	68.7	0.105	17.18	0.02	0.17
OMSW21-036	0.3	0.02	6.8	95.4	29.39	2.02	7.9	12	0.04	4.5	0.4	143	1.06	0.008	20.8	0.055	10.22	0.02	0.11
OMSW21-037	0.29	0.07	5.9	54	46.54	1.69	8.4	31	0.04	6.6	0.3	86	1.3	0.007	12.2	0.07	8.45	0.02	0.11
OMSW21-038	0.27	0.09	11.9	136.4	25.34	3.29	10.9	19	0.05	4.6	0.92	349	0.95	0.01	36.3	0.056	7.07	<0.02	0.14
OMSW21-039	0.31	0.12	18.1	134.4	96.47	5.37	10.2	29	0.05	4.1	0.9	328	2.41	0.013	39	0.089	12.05	0.02	0.22
OMSW21-040	0.22	0.08	14.1	113.4	51.6	5.36	12.3	19	0.06	6	0.86	278	1.72	0.009	29.8	0.073	9.26	<0.02	0.22
OMSW21-041	0.31	0.05	7.4	38.6	13.03	1.79	7.4	22	0.06	4.6	0.39	160	0.69	0.015	11	0.023	6.23	<0.02	0.13
OMSW21-043	0.8	0.14	58.4	174.6	919.41	5.54	10.8	30	0.09	8.7	2.58	1358	1.3	0.018	88.8	0.127	10.49	0.02	0.18
OMSW21-046	0.48	0.2	10.6	118.7	38.81	2.41	7.7	21	0.05	3.2	0.84	186	1.27	0.015	27.8	0.046	10.22	0.03	0.09
OMSW21-048	1.29	0.14	71.5	173.3	752.77	5.76	9.6	21	0.11	4	2.45	1419	2.68	0.021	105.7	0.123	2.72	<0.02	0.22
OMSW21-050	0.72	0.15	79.6	158.7	891.04	6	9.4	36	0.13	3.3	1.9	1207	2.66	0.011	94.7	0.128	5.14	0.03	0.18
OMSW21-051	0.76	0.25	75.1	161.5	1292.72	6.99	10.3	24	0.12	3	2.47	1719	4.96	0.006	99.5	0.156	3.99	<0.02	0.27
OMSW21-052	1.11	0.11	25	193.3	440.14	4.6	8	20	0.08	3	2.34	611	17.67	0.014	94.8	0.142	5.02	0.09	0.12
OMSW21-053	1.11	0.06	49.2	223.4	746.96	4.4	6.9	16	0.06	4.8	2.29	594	18.12	0.022	100.4	0.117	4.82	0.06	0.1
OMSW21-054	0.74	0.02	33	184.1	170.32	4.19	6.5	11	0.12	2.8	2.19	581	0.58	0.019	64.4	0.06	1.92	0.03	0.07
OMSW21-055	0.82	0.05	31.1	135.8	303.88	3.1	5.6	23	0.05	3.2	1.57	595	1.58	0.028	32	0.052	3.93	0.03	0.11

Station	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
OMSW21-016	7.9	0.2	15.8	0.11	0.3	0.103	0.15	<0.1	88	0.4	23.4
OMSW21-017	6.9	<0.1	34.9	0.04	0.3	0.144	0.07	<0.1	101	0.3	35.6
OMSW21-018	7	1	27.8	0.1	0.2	0.131	0.15	0.1	88	0.5	23.7
OMSW21-019	7.4	0.4	56.3	0.1	0.2	0.239	0.09	0.2	191	0.2	44.3
OMSW21-020	16.6	1.3	49.4	0.06	0.2	0.101	0.37	2.7	120	0.6	27.9
OMSW21-021	3.8	<0.1	53	0.04	0.1	0.205	0.08	0.2	146	0.1	42.2
OMSW21-022	2.9	0.4	58.3	0.05	0.1	0.082	0.09	0.3	110	0.2	33.7
OMSW21-024	8.1	0.4	24	0.11	0.3	0.015	0.05	0.2	168	0.3	48.9
OMSW21-025	18.8	1.1	73.8	0.22	0.5	0.144	0.04	0.4	224	0.8	90.4
OMSW21-027	5.8	1.2	85.7	0.4	0.3	0.101	0.04	0.6	215	1.8	45.9
OMSW21-029	4.8	1	105.8	0.27	0.4	0.109	0.04	0.4	134	0.8	31.2
OMSW21-030	8.2	2.1	106.5	0.33	0.5	0.149	0.12	0.4	113	0.6	38.6
OMSW21-032	3.2	0.2	90	0.14	0.5	0.165	0.05	0.3	143	0.4	43.7
OMSW21-033	2.2	0.5	83	0.17	0.8	0.092	0.05	0.4	131	0.3	38.7
OMSW21-034	2.4	0.4	77.9	0.2	0.3	0.073	0.05	0.4	130	0.3	38.4
OMSW21-035	4.5	<0.1	47	0.16	0.5	0.099	0.05	0.3	134	0.2	41
OMSW21-036	2	<0.1	61	0.04	0.2	0.122	0.07	1.8	80	0.2	18.3
OMSW21-037	1.4	<0.1	81.7	0.06	0.1	0.084	0.07	0.3	73	0.1	16.8
OMSW21-038	3.3	<0.1	40	0.07	0.2	0.147	0.05	0.3	132	0.2	34
OMSW21-039	4.7	<0.1	52.6	0.19	0.4	0.164	0.08	0.3	186	0.3	45.8
OMSW21-040	5	<0.1	35.9	0.16	1.2	0.183	0.07	0.3	205	0.2	47.8
OMSW21-041	1.8	<0.1	37.8	0.02	0.2	0.174	0.05	0.2	75	<0.1	22.3
OMSW21-043	9.9	0.2	142.6	0.33	1.3	0.169	0.12	0.8	169	0.4	65.8
OMSW21-046	2.9	0.1	61.5	0.06	0.2	0.147	0.04	0.2	87	0.2	27.7
OMSW21-048	10.8	0.5	226.5	0.41	0.8	0.113	0.06	0.4	157	0.4	41.5
OMSW21-050	6.9	0.5	218.1	0.41	0.4	0.131	0.06	0.4	162	0.4	41.8
OMSW21-051	13.7	0.9	83.3	0.46	0.6	0.13	0.09	0.3	197	0.5	53.8
OMSW21-052	5.8	1	69.2	0.12	0.3	0.104	0.09	0.4	146	0.3	48.2
OMSW21-053	9.6	1.2	72.9	0.09	0.2	0.112	0.07	1.1	120	0.3	42.8
OMSW21-054	4.9	<0.1	167.1	0.07	0.3	0.165	0.07	0.2	125	0.2	41.7
OMSW21-055	4.5	<0.1	149.9	0.18	0.4	0.075	0.05	0.3	77	0.2	38

Station	Date Created	N_83z10	E_83z10	Description	Sample No.	Type	AUFA_ppb	Au_ppb	Ag_ppm	Al_pct	As_ppm	B_ppm	Ba_ppm	Bi_ppm
OMSW21-059	8/19/2021	327885	6248878		1589082	soil	50	25	114	3.02	2.4	<20	135.9	0.11
OMSW21-060	8/19/2021	327903	6248987	mix of gabbro some local andesite dykes and local mz dio dykes, weak ep veining	1589083	soil	11	4.2	122	3.66	1	<20	373.7	0.03
OMSW21-062	8/19/2021	327901	6249096		1589084	soil	14	3.1	87	3.56	1	<20	240.9	0.17
OMSW21-063	8/19/2021	327935	6249190	mg to cg mz diorite to diorite not dyke looks like hogem	1589085	soil	140	9.7	175	3.44	1.1	<20	130.8	0.17
OMSW21-064	8/19/2021	327959	6249276	rock for last 200 m mg to cg mz with rare diorite or gabbro	1589086	soil	9	2.1	230	2.91	1.8	<20	997.8	1.8
OMSW21-066	8/19/2021	327974	6249376	chips of limonitestained shears in talus of px or gabbro	1589087	soil	5	1.1	43	0.98	0.5	<20	29.7	0.12
OMSW21-067	8/19/2021	328005	6249462		1589088	soil	5	0.7	239	1.42	0.8	<20	55	1.47
OMSW21-072	8/19/2021	328014	6249560	mz since last mapping pt with narrow px zone 10 m wide btn mz	1589089	soil	74	47	1829	2.17	5.9	<20	1735.1	14.39
OMSW21-075	8/19/2021	328026	6249661		1589090	soil	87	43.8	3326	2.44	2.1	<20	3826.5	17.99
OMSW21-077	8/19/2021	328093	6249740		1589091	soil	10	1.4	214	3.45	0.9	<20	145.1	0.41
OMSW21-079	8/19/2021	328110	6249843		1589092	soil	4	0.4	178	2.23	0.9	<20	37.9	0.22
OMSW21-080	8/19/2021	328153	6249939		1589093	soil	3	0.2	63	1.38	1	<20	53.2	0.59
OMSW21-081	8/19/2021	328161	6250044		1589094	soil	7	0.5	73	1.61	1	<20	36.1	0.26
OMSW21-082	8/19/2021	328214	6250132		1589095	soil	11	1	205	0.9	0.5	<20	50.5	0.33
OMSW21-083	8/19/2021	328201	6250240	diorite blocks to this point some new galleys with sheared blocks around them	1589096	soil	16	1.7	439	1.31	1.3	<20	58.4	0.31
OMSW21-084	8/19/2021	328156	6250345		1589097	soil	7	18.3	520	1.62	1.8	<20	46.5	0.26
OMSW21-085	8/19/2021	328163	6250451		1589098	soil	8	11.4	186	1.25	0.9	<20	39.9	0.19
OMSW21-086	8/19/2021	328195	6250555		1589099	soil	7	7.4	229	1.97	2.9	<20	61.4	0.13
OMSW21-087	8/19/2021	328210	6250687		1589100	soil	9	3.7	248	2.87	2	<20	59	0.1

Station	Ca_pct	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Ga_ppm	Hg_ppm	K_pct	La_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_pct	Pb_ppm	S_pct	Sb_ppm
OMSW21-059	0.81	0.08	39.3	71.9	172.85	5.75	9.6	32	0.11	4.1	2.58	1304	1.45	0.009	35.4	0.065	9.1	0.04	0.14
OMSW21-060	0.89	0.04	37.4	57.5	204.8	6.67	14.3	31	1.12	3.8	3.3	1727	1.33	0.007	35.5	0.145	2.87	<0.02	0.05
OMSW21-062	0.52	0.04	33.8	561.3	49.37	4.73	12.5	37	0.46	3.3	4.39	953	2.22	0.004	333.7	0.051	3.38	0.03	0.06
OMSW21-063	0.67	0.08	40	34.3	345.75	5.63	9	19	0.17	4.4	1.92	979	3.35	0.015	29.1	0.084	6.38	0.05	0.16
OMSW21-064	0.56	0.19	42.6	110.6	131.54	7.62	11.2	45	0.19	5.5	2	1416	4.88	0.01	42.3	0.074	66.35	0.06	0.15
OMSW21-066	0.41	0.06	60.4	182.3	174.41	8.36	6.7	7	0.09	<0.5	1.17	427	1.05	0.015	53.6	0.014	4.1	<0.02	0.06
OMSW21-067	0.5	0.15	39.1	251.9	71.6	6.41	8.6	13	0.19	2	1.68	494	9.23	0.012	67.6	0.013	76.7	<0.02	0.05
OMSW21-072	0.52	0.14	15	83.7	140.09	4.48	8.2	46	0.06	10	0.73	664	34.7	0.024	15.2	0.076	232.68	0.03	0.15
OMSW21-075	0.46	0.31	21.8	62.4	369.24	4.5	8.8	51	0.07	12.4	1.12	1523	19.68	0.02	15.8	0.096	145.67	0.04	0.12
OMSW21-077	0.8	0.09	48.9	67.5	63.34	5.47	7.5	6	1.12	<0.5	3.53	776	6.93	0.027	53.3	0.009	17.32	<0.02	<0.02
OMSW21-079	0.43	0.12	23.9	54.2	20.12	4.42	6.5	7	0.07	1.5	1.75	396	2.51	0.034	35.2	0.014	11.25	<0.02	0.05
OMSW21-080	0.31	0.07	19.4	162.6	29.95	3.82	6.6	14	0.05	1.8	1.35	326	3.48	0.019	42.5	0.027	27.48	<0.02	0.04
OMSW21-081	0.5	0.1	28.8	160.5	40.58	5.6	6.2	8	0.06	2.2	1.28	328	2.43	0.018	42.8	0.021	17.19	<0.02	0.03
OMSW21-082	0.22	0.03	5.5	85.3	13.56	1.97	8.1	16	0.02	4.6	0.34	178	1.47	0.017	10.2	0.038	8.83	<0.02	0.06
OMSW21-083	0.26	0.06	11.5	174.3	41.99	3.67	8.3	19	0.03	4.6	0.81	182	1.26	0.015	34.7	0.051	9.06	<0.02	0.09
OMSW21-084	0.32	0.06	17.1	203	55.65	4.73	8.5	18	0.03	2.9	1.19	250	1.48	0.017	38.2	0.062	6.22	<0.02	0.08
OMSW21-085	0.31	0.1	10.5	117.2	33.45	3.51	7.9	24	0.03	2.5	0.66	195	1.06	0.015	18.6	0.065	5.67	0.02	0.1
OMSW21-086	0.27	0.09	16.3	24.2	220.63	5.3	13.2	32	0.04	2.9	0.92	322	0.74	0.014	19.7	0.094	4.81	0.02	0.22
OMSW21-087	0.24	0.14	42.3	114.9	729.16	6.12	10.1	30	0.04	2.3	1.86	641	0.69	0.013	86.9	0.125	2.75	<0.02	0.13

Station	Sc_ppm	Se_ppm	Sr_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Zn_ppm
OMSW21-059	12.4	0.1	151.6	0.12	0.8	0.143	0.11	0.3	211	0.3	68.8
OMSW21-060	13.9	<0.1	52.2	0.1	0.7	0.28	0.43	0.3	266	0.2	83.9
OMSW21-062	4.1	<0.1	43.4	0.09	0.4	0.215	0.24	0.3	195	0.2	91.8
OMSW21-063	6	<0.1	136.5	0.12	0.6	0.191	0.09	0.5	181	0.2	60.8
OMSW21-064	8.9	<0.1	196.8	0.13	1.1	0.186	0.27	0.8	306	0.3	87.8
OMSW21-066	8.3	<0.1	10.4	0.05	0.6	0.216	0.07	<0.1	250	0.1	46.8
OMSW21-067	7	0.2	14.8	0.05	0.8	0.213	0.15	0.2	174	0.1	58.7
OMSW21-072	3.4	0.4	377.5	2.19	1.1	0.068	0.07	0.9	116	0.6	48.5
OMSW21-075	6	0.4	366.8	2.39	1.8	0.095	0.11	1.6	120	1	69.3
OMSW21-077	5.7	0.1	48.4	0.09	0.2	0.293	0.3	<0.1	214	0.1	100.7
OMSW21-079	4.5	0.2	26.4	0.06	0.6	0.373	0.05	0.1	176	0.2	64.8
OMSW21-080	6	0.2	17.6	0.05	0.4	0.182	0.04	0.1	128	0.1	35.7
OMSW21-081	5.4	0.1	17.8	0.04	0.6	0.149	0.04	0.2	183	0.2	49.5
OMSW21-082	2.1	0.2	33.7	<0.02	0.7	0.15	0.05	0.3	84	<0.1	16.9
OMSW21-083	4.7	0.2	33.2	0.04	1	0.169	0.04	0.2	119	<0.1	26.9
OMSW21-084	4.9	0.2	43.7	0.08	0.5	0.147	0.04	0.2	157	0.3	31.9
OMSW21-085	3.3	0.2	60.2	0.05	0.3	0.141	0.03	0.2	127	0.3	21.3
OMSW21-086	4.9	0.7	43.1	0.05	0.3	0.207	0.05	0.2	318	0.1	30.4
OMSW21-087	10	0.7	29.1	0.09	0.7	0.085	0.04	0.2	207	0.2	51.6

Station	Date Created	N_83z10	E_83z10	Rock Type	Sample	Type	Description
OMCR21-001	8/17/2021	328457	6247974	diorite	1589119	talus	Equigranular, medium grained, diss py 3-5%. Heavy iron oxide on weathered surface
OMCR21-002	8/17/2021	328484	6247979	diorite	1589120	talus	Diorite equigranular, chlorite, pyrite alteration. Malachite,
OMCR21-003	8/17/2021	328456	6247920	diorite	1589121	talus	Diorite, quartz veins, shear? Chlorite, silicified, significant chalcopyrite 3-5%, malachite staining. 30 cm Boulder.
OMCR21-005	8/17/2021	328408	6247881	diorite	1589122	talus	Malachite, on fracture faces of equigranular diorite. Veinlet cpy
OMCR21-006	8/17/2021	328370	6247794	Quartz vein			Bull quartz vein, with gal? Tetrahedryte? Sampled by Steve
OMCR21-007	8/17/2021	328314	6247721	gabbro			Course grained Gabbro/ diorite. Very dark, chloritized
OMCR21-008	8/17/2021	328754	6247713	quartz vein	1589128	bedrock	Quartz carb shear, 5-10 cm wide. Oxidized.
OMCR21-009	8/19/2021	327880	6248807	monzonite			Monzonitic, dyke, medium to fine grained. Small bladdy hornblends. Dyke is 30 cm wide. Malachite on fringes
OMCR21-010	8/19/2021	330666	6248611	diorite	1589142	bedrock	Hematite, jerosite, heavily altered, bleached, 30 cm shear beside diorite
OMCR21-011	8/20/2021	331750	6246751	gabbro			Medium to fine grained, mafic, Gabbro, basalt?
OMCR21-012	8/20/2021	331809	6246773	basalt	1589151	bedrock	Iron oxide, jerosite, blitzed, unknown protolith,
OMCR21-013	8/20/2021	331802	6246782	monzonite			Minearalized, resistive dyke? feature
OMCR21-014	8/20/2021	331787	6246777	basalt	1589152	bedrock	Bleached, clay altered, diss py 5% in light grey, Felsic groundmass. Protolith basalt?
OMCR21-015	8/20/2021	331782	6246763	basalt	1589153	bedrock	Iron carb weathered, quartz calcite veinlets. Basalt?
OMCR21-016	8/20/2021	331859	6246809	basalt	1589154	bedrock	Heavy iron oxide, jerosite, bleached, clay altered? Diss py 5%
OMCR21-017	8/20/2021	331909	6246839	basalt	1589155	bedrock	Iron oxide weathered, jerosite, pyrite veinlets. Bleached white clay? Groundmass.
OMCR21-018	8/20/2021	332001	6246843	basalt	1589156	bedrock	Silicified, QSP, diss and stockwork, py 3-5%. Hosted in basalt, bleached
OMCR21-019	8/20/2021	332033	6246609	basalt	1589162	talus	Quartz carb stock worked rounded Boulder. Dark groundmass. Sphalerite?
OMSW21-001	8/17/2021	328363	6248047	diorite breccia			mostly diorite with some pxite clasts common ep py vns that cut more dominant chl vnlts, small mz dyke mg with feld porphyry
OMSW21-002	8/17/2021	328392	6247990	mg monzonite			mg mz dyke runs along east margin of the tarn, NNW oriented
OMSW21-003	8/17/2021	328440	6247986	gabbro	1589118	talus	cg gabbro/diorite weakly chl altered with numerous py vnltswith minor ep, elsewhere chl py stockworks occur within fg mz or mz dio
OMSW21-005	8/17/2021	328460	6247943	gabbro	1589120	talus	chl ep carb vn and bx in gabbro with mal and cpy
OMSW21-007	8/17/2021	328424	6247884	diorite breccia			diorite bx cobble with pxite and talc clasts
OMSW21-014	8/17/2021	328459	6247682	diorite bx	1589127	bedrock	qtz vn with Grey metallic sulphide, 10 cm wide looks to be lens on margin of mg mz dio xyke and with dio bx
OMSW21-015	8/18/2021	329427	6248330	pyroxenite			chl altered pyroxenite, slope down few malachite stained chl shears in px and kspar porphyry dyke material with no veining
OMSW21-022	8/18/2021	329242	6248833	kspar porphyry monzonite	1589056	soil	poss subcrop of kfp mz material with abundant white qtz veins 1cm to 10 cm in width
OMSW21-026	8/18/2021	329222	6248968	diorite	1589129	bedrock	mal stained dio with chl mt vns and fractures, some ep, ep py alt diorite as well but cu in the non pyritic dio
OMSW21-028	8/18/2021	329179	6249047	diorite	1589130	bedrock	py ep altered diorite
OMSW21-033	8/18/2021	329180	6249373	diorite	1589064	soil	chl ep altered dio, rare chl or ep vn
OMSW21-034	8/18/2021	329204	6249472	diorite	1589065	soil	
OMSW21-042	8/18/2021	329224	6249611	diorite	1589131	talus	talus of fg dio with py qtz vnlt 1 to 4 mm wide with chl halo
OMSW21-054	8/19/2021	327839	6248656	pyroxenite	1589080	soil	

Station	Date Created	N_83z10	E_83z10	Rock Type	Sample	Type	Description
OMSW21-055	8/19/2021	327854	6248770	gabbro	1589081	soil	
OMSW21-057	8/19/2021	327872	6248813	gabbro	1589134	talus	gabbro here with few ksp ep vnlts and mal staining, also clast of cg mz with mal staininv
OMSW21-058	8/19/2021	327885	6248854	mg mz diorite			
OMSW21-059	8/19/2021	327885	6248878	andesite	1589082	soil	
OMSW21-060	8/19/2021	327903	6248987	gabbro	1589083	soil	mix of gabbro some local andesite dykes and local mz dio dykes, weak ep veining
OMSW21-061	8/19/2021	327897	6249053	mg monzonite			
OMSW21-063	8/19/2021	327935	6249190	mg mz diorite	1589085	soil	mg to cg mz diorite to diorite not dyke looks like hogem
OMSW21-064	8/19/2021	327959	6249276	monzonite	1589086	soil	rock for last 200 m mg to cg mz with rare diorite or gabbro
OMSW21-065	8/19/2021	327969	6249310	pyroxenite			
OMSW21-066	8/19/2021	327974	6249376	pyroxenite	1589087	soil	chips of limonitestained shears in talus of px or gabbro
OMSW21-068	8/19/2021	328007	6249462	pyroxenite	1589135	talus	limonite stained qtz fecb vn with rare py cube
OMSW21-069	8/19/2021	328011	6249471	monzonite			
OMSW21-070	8/19/2021	328016	6249510	pyroxenite			
OMSW21-071	8/19/2021	328018	6249524	monzonite			
OMSW21-072	8/19/2021	328014	6249560	monzonite	1589089	soil	mz since last mapping pt with narrow px zone 10 m wide btn mz
OMSW21-073	8/19/2021	328025	6249604	mg mz diorite	1589136	bedrock	mz with crowded plag phenos up to this point with only white blocky qtz veins and little to none veining otherwise. here mg to fg mz dio with 1 mm to 4 mm qtz py cpy vnlets, sheeted locally
OMSW21-074	8/19/2021	328020	6249665	mg mz diorite	1589137	bedrock	qtz gal cpy py vn flat lying in mz crowded porphyry. vn 7 cm wide but the slphide rich zone is limited 1 m long
OMSW21-076	8/19/2021	328070	6249710	pyroxenite			since last Sunday essentially all pxite
OMSW21-077	8/19/2021	328093	6249740	pyroxenite	1589091	soil	
OMSW21-078	8/19/2021	328091	6249757	pyroxenite	1589138	talus	rusty qtz py gal gyp vein, several along slope in pxite
OMSW21-079	8/19/2021	328110	6249843	pyroxenite	1589092	soil	
OMSW21-087	8/19/2021	328210	6250687	diorite	1589100	soil	
OMSW21-088	8/19/2021	328103	6249775	pyroxenite	1589139	bedrock	qtz vn with trace gal and py
OMSW21-089	8/19/2021	326943	6249733	gabbro			
OMSW21-090	8/19/2021	326955	6249700	pyroxenite			
OMSW21-091	8/19/2021	326929	6249690	mg mz diorite			mzd dyke within various gabbro and local px
OMSW21-092	8/19/2021	326928	6249590	gabbro			gabbro to North with few mzd dykes here contact with large qtz mzd mg dyke
OMSW21-093	8/19/2021	326940	6249551	granodiorite			South contact of granodiorite with gabbro
OMSW21-094	8/19/2021	326931	6249523	mg monzonite			
OMSW21-095	8/19/2021	326941	6249505	gabbro			local peaks are mzd or gd with gabbro btn
OMSW21-096	8/19/2021	330710	6248309	basalt			intense chl mt alteration
OMSW21-097	8/19/2021	330646	6248297	diorite	1589140	talus	sample of limonitic vein and altered diorite. here a slide of diorite beside outcrops of basalt chl mt altered
OMSW21-099	8/19/2021	330693	6248426	diorite	1589143	talus	limonite stained ser qtz py altered dio with py vns and tr mal
OMSW21-100	8/19/2021	330744	6248462	basalt	1589144	bedrock	py ep act altered zone in basalt with 5 pct py
OMSW21-101	8/20/2021	331833	6246784	andesite	1589145	bedrock	intense py sil ser? greenish alteration w 10 pct py
OMSW21-103	8/20/2021	331889	6246809	mg mz diorite	1589147	bedrock	py stx in mg mz dio in contact with strong qsp alt basalt,
OMSW21-104	8/20/2021	331915	6246819	basalt	1589148	bedrock	py stx in basalt, strong qsp alt with frothy weathered py vns up to 4 mm wide

Station	Date Created	N_83z10	E_83z10	Rock Type	Sample	Type	Description
OMSW21-105	8/20/2021	331926	6246827	basalt	1589149	bedrock	more py stx
OMSW21-106	8/20/2021	332026	6246841	basalt	1589150	bedrock	chl py clay alt basalt with py stx, more prox wall rock that intense qsp
OMSW21-107	8/20/2021	331861	6246582	basalt	1589157	bedrock	strong qsp alt of basalt with py stx
OMSW21-108	8/20/2021	331861	6246544	basalt			
OMSW21-112	8/20/2021	332017	6246556	basalt	1589161	talus	cb qtz cpy vn cobble
OMSW21-113	8/20/2021	332057	6246607	basalt	1589163	talus	several basalt boulders with py chl veining

APPENDIX 2

Sample and Station Maps

COMMANDER RESOURCES LTD.

Date: Aug 10, 2019

Drafted by: S. Wetherup

Figure: App 2 a

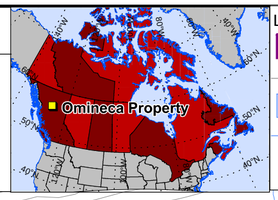
Omineca Property

Soil Sample Numbers

Cu (ppm) and Au (ppb)

British Columbia, Canada

UTM NAD83 Zone 10



Legend

- Region
- Elevation contour
- Waterbody
- Watercourse
- DDH

Soil samples

- Sample number (Cu ppm, Au ppb)

1589100 (729.16, 9)
1589099 (220.63, 7)
1589098 (33.45, 8)
1589097 (55.65, 7)
1589096 (41.99, 16)
1589095 (13.56, 11)
1589094 (40.58, 7)
1589093 (29.95, 3)
1589092 (20.12, 4)
1589091 (63.34, 10)
1589090 (369.24, 87)
1589089 (140.09, 74)
1589088 (71.6, 5)
1589087 (174.41, 5)
1589086 (131.54, 9)
1589085 (345.75, 140)
1589084 (49.37, 14)
1589083 (204.8, 11)
1589082 (172.85, 50)
1589081 (303.88, 25)
1589080 (170.32, 7)
1589072 (13.03, 7)
1589071 (51.6, 42)
1589070 (96.47, 77)
1589069 (25.34, 30)
1589068 (46.54, 71)
1589067 (29.39, 12)
1589073 (919.41, 84)
1589074 (38.81, 5)
1589075 (752.77, 81)
1589076 (891.04, 76)
1589077 (1292.72, 149)
1589078 (440.14, 26)
1589079 (746.96, 13)
1589066 (245.67, 19)
1589065 (218.47, 22)
1589064 (210.09, 18)
1589063 (183.05, 12)
1589062 (1316.78, 28)
1589061 (803.32, 20)
1589060 (1122.31, 48)
1589059 (1679.52, 41)
1589058 (757.63, 10)
1589057 (150.25, 7)
1589056 (78.65, 3)
1589055 (1456.08, 11)
1589054 (268.35, 5)
1589053 (395.5, 12)
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COMMANDER RESOURCES LTD.

Date: Dec 10, 2021

Drafted by: S. Wetherup

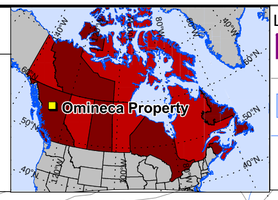
Figure: App 2 b

Omineca Property

Geology Stations

British Columbia, Canada

UTM NAD83 Zone 10



Legend

- Region
- Elevation contour
- Waterbody
- Watercourse
- DDH

Rock Types

- andesite
- basalt
- diorite
- gabbro/diorite breccia
- granodiorite
- megacrystic monzosyenite
- monzodiorite
- monzonite
- pyroxenite
- quartz vein

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APPENDIX 3

Assay Certificates

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Commander Resources Ltd.**
1100 - 1111 Melville Street
Vancouver British Columbia V6E 3V6 Canada

Submitted By:	Stephen Wetherup & Rob Cameron
Receiving Lab:	Canada-Vancouver
Received:	August 30, 2021
Analysis Start:	September 24, 2021
Report Date:	October 08, 2021
Page:	1 of 3

CERTIFICATE OF ANALYSIS VAN21002720.1

CLIENT JOB INFORMATION

Project:	OM
Shipment ID:	
P.O. Number	
Number of Samples:	50

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT-SOIL	Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	50	Dry at 60C sieve 100g to -80 mesh			VAN
FA330-Au	50	Fire assay fusion Au by ICP-ES	30	Completed	VAN
AQ250	50	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
DISPL	50	Disposal of pulps			VAN

ADDITIONAL COMMENTS

Invoice To: Commander Resources Ltd.
1100 - 1111 Melville Street
Vancouver British Columbia V6E 3V6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

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

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Commander Resources Ltd.**
1100 - 1111 Melville Street
Vancouver British Columbia V6E 3V6 Canada

Project: OM
Report Date: October 08, 2021

CERTIFICATE OF ANALYSIS VAN21002720.1

		Method	FA330	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
1589051	Soil		6	7.68	525.21	4.18	23.4	221	139.2	65.2	397	5.09	1.8	<0.1	4.2	0.3	15.8	0.11	0.06	0.22	88	0.52
1589052	Soil		4	5.72	193.00	4.60	35.6	139	88.4	37.3	508	3.77	1.1	<0.1	3.5	0.3	34.9	0.19	0.10	0.13	101	0.70
1589053	Soil		12	22.54	395.50	15.28	23.7	463	92.8	50.0	353	4.38	1.7	0.1	5.2	0.2	27.8	0.17	0.07	0.33	88	0.62
1589054	Soil		5	14.37	268.35	2.90	44.3	279	65.7	29.1	596	5.46	1.5	0.2	1.7	0.2	56.3	0.09	0.14	0.14	191	0.71
1589055	Soil		11	24.26	1456.08	6.29	27.9	310	102.9	258.6	1504	3.53	2.6	2.7	5.7	0.2	49.4	0.29	0.16	0.18	120	1.24
1589056	Soil		3	6.77	78.65	4.14	42.2	141	60.4	21.1	779	3.59	1.0	0.2	89.6	0.1	53.0	0.09	0.07	0.10	146	0.59
1589057	Soil		7	4.17	150.25	8.05	33.7	90	44.6	21.7	1711	3.23	1.4	0.3	0.4	0.1	58.3	0.06	0.13	0.24	110	0.36
1589058	Soil		10	3.42	757.63	23.56	48.9	268	75.9	54.0	890	5.82	4.6	0.2	63.4	0.3	24.0	0.22	0.22	0.18	168	0.29
1589059	Soil		41	9.28	1679.52	723.82	90.4	758	94.1	147.5	1563	7.78	12.7	0.4	36.1	0.5	73.8	0.64	0.52	0.71	224	0.57
1589060	Soil		48	8.01	1122.31	6.02	45.9	601	214.2	83.2	771	8.30	12.4	0.6	31.0	0.3	85.7	0.21	0.34	0.55	215	0.34
1589061	Soil		20	7.74	803.32	5.99	31.2	348	79.2	49.7	471	5.91	5.2	0.4	9.1	0.4	105.8	0.16	0.33	0.33	134	0.54
1589062	Soil		28	6.43	1316.78	2.49	38.6	296	276.0	196.0	843	6.35	7.1	0.4	24.6	0.5	106.5	0.15	0.32	0.34	113	1.27
1589063	Soil		12	5.56	183.05	5.33	43.7	133	91.9	22.5	342	4.66	3.4	0.3	7.0	0.5	90.0	0.15	0.20	0.23	143	0.56
1589064	Soil		18	3.49	210.09	5.40	38.7	203	62.3	25.1	532	4.67	3.2	0.4	23.5	0.8	83.0	0.11	0.17	0.30	131	0.48
1589065	Soil		22	2.08	218.47	4.29	38.4	337	48.8	26.4	470	4.59	3.7	0.4	12.1	0.3	77.9	0.12	0.18	0.39	130	0.35
1589066	Soil		19	2.40	245.67	17.18	41.0	148	68.7	35.7	470	5.18	3.7	0.3	13.2	0.5	47.0	0.10	0.17	0.47	134	0.37
1589067	Soil		12	1.06	29.39	10.22	18.3	118	20.8	6.8	143	2.02	0.9	1.8	4.6	0.2	61.0	0.02	0.11	0.38	80	0.30
1589068	Soil		71	1.30	46.54	8.45	16.8	323	12.2	5.9	86	1.69	1.5	0.3	30.3	0.1	81.7	0.07	0.11	0.34	73	0.29
1589069	Soil		30	0.95	25.34	7.07	34.0	172	36.3	11.9	349	3.29	1.7	0.3	5.7	0.2	40.0	0.09	0.14	0.24	132	0.27
1589070	Soil		77	2.41	96.47	12.05	45.8	337	39.0	18.1	328	5.37	4.6	0.3	39.3	0.4	52.6	0.12	0.22	0.35	186	0.31
1589071	Soil		42	1.72	51.60	9.26	47.8	101	29.8	14.1	278	5.36	4.6	0.3	20.5	1.2	35.9	0.08	0.22	0.31	205	0.22
1589072	Soil		7	0.69	13.03	6.23	22.3	215	11.0	7.4	160	1.79	1.7	0.2	2.1	0.2	37.8	0.05	0.13	0.20	75	0.31
1589073	Soil		84	1.30	919.41	10.49	65.8	605	88.8	58.4	1358	5.54	4.3	0.8	70.8	1.3	142.6	0.14	0.18	0.27	169	0.80
1589074	Soil		5	1.27	38.81	10.22	27.7	140	27.8	10.6	186	2.41	1.0	0.2	9.2	0.2	61.5	0.20	0.09	0.34	87	0.48
1589075	Soil		81	2.68	752.77	2.72	41.5	251	105.7	71.5	1419	5.76	3.2	0.4	67.3	0.8	226.5	0.14	0.22	0.20	157	1.29
1589076	Soil		76	2.66	891.04	5.14	41.8	208	94.7	79.6	1207	6.00	4.0	0.4	41.6	0.4	218.1	0.15	0.18	0.18	162	0.72
1589077	Soil		149	4.96	1292.72	3.99	53.8	320	99.5	75.1	1719	6.99	5.6	0.3	196.1	0.6	83.3	0.25	0.27	1.00	197	0.76
1589078	Soil		26	17.67	440.14	5.02	48.2	128	94.8	25.0	611	4.60	2.5	0.4	14.0	0.3	69.2	0.11	0.12	0.19	146	1.11
1589079	Soil		13	18.12	746.96	4.82	42.8	67	100.4	49.2	594	4.40	2.2	1.1	7.6	0.2	72.9	0.06	0.10	0.17	120	1.11
1589080	Soil		7	0.58	170.32	1.92	41.7	62	64.4	33.0	581	4.19	1.4	0.2	3.6	0.3	167.1	0.02	0.07	0.04	125	0.74

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Commander Resources Ltd.**
1100 - 1111 Melville Street
Vancouver British Columbia V6E 3V6 Canada

Project: OM
Report Date: October 08, 2021

CERTIFICATE OF ANALYSIS VAN21002720.1

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
1589051	Soil		0.017	0.9	433.3	2.49	34.2	0.103	<20	1.47	0.012	0.22	0.4	7.9	0.15	0.03	9	0.2	0.11	4.1
1589052	Soil		0.026	1.0	283.8	2.09	39.7	0.144	<20	1.64	0.022	0.13	0.3	6.9	0.07	0.03	11	<0.1	0.04	4.3
1589053	Soil		0.052	1.0	192.5	1.92	68.3	0.131	<20	1.41	0.019	0.43	0.5	7.0	0.15	0.09	12	1.0	0.10	4.2
1589054	Soil		0.061	1.3	92.5	2.39	100.3	0.239	<20	3.01	0.020	0.27	0.2	7.4	0.09	0.13	26	0.4	0.10	6.4
1589055	Soil		0.082	5.9	200.2	1.29	81.0	0.101	<20	1.58	0.021	0.08	0.6	16.6	0.37	0.09	38	1.3	0.06	5.3
1589056	Soil		0.059	1.6	127.8	1.86	56.8	0.205	<20	2.42	0.016	0.07	0.1	3.8	0.08	0.03	27	<0.1	0.04	6.6
1589057	Soil		0.139	3.4	117.2	0.61	81.5	0.082	<20	1.30	0.016	0.10	0.2	2.9	0.09	0.06	57	0.4	0.05	7.4
1589058	Soil		0.109	3.2	126.0	1.31	134.0	0.015	<20	3.07	0.003	0.14	0.3	8.1	0.05	0.04	32	0.4	0.11	9.6
1589059	Soil		0.127	4.6	119.1	2.34	50.1	0.144	<20	2.85	0.008	0.04	0.8	18.8	0.04	<0.02	26	1.1	0.22	10.0
1589060	Soil		0.217	3.8	106.6	1.55	46.4	0.101	<20	3.27	0.006	0.04	1.8	5.8	0.04	0.04	38	1.2	0.40	10.0
1589061	Soil		0.139	3.1	112.6	1.26	51.5	0.109	<20	2.36	0.007	0.05	0.8	4.8	0.04	0.03	31	1.0	0.27	6.5
1589062	Soil		0.115	2.7	254.9	2.36	42.1	0.149	<20	3.82	0.008	0.15	0.6	8.2	0.12	<0.02	19	2.1	0.33	6.4
1589063	Soil		0.115	4.2	199.3	1.46	76.5	0.165	<20	2.61	0.009	0.07	0.4	3.2	0.05	0.02	31	0.2	0.14	7.6
1589064	Soil		0.099	4.1	118.9	1.22	89.0	0.092	<20	2.22	0.011	0.07	0.3	2.2	0.05	0.05	43	0.5	0.17	7.4
1589065	Soil		0.093	5.1	114.3	1.15	76.4	0.073	<20	2.40	0.010	0.05	0.3	2.4	0.05	0.06	63	0.4	0.20	7.7
1589066	Soil		0.105	4.0	208.3	1.47	60.0	0.099	<20	2.23	0.012	0.05	0.2	4.5	0.05	0.02	16	<0.1	0.16	6.5
1589067	Soil		0.055	4.5	95.4	0.40	52.0	0.122	<20	1.04	0.008	0.04	0.2	2.0	0.07	0.02	12	<0.1	0.04	7.9
1589068	Soil		0.070	6.6	54.0	0.30	61.4	0.084	<20	1.44	0.007	0.04	0.1	1.4	0.07	0.02	31	<0.1	0.06	8.4
1589069	Soil		0.056	4.6	136.4	0.92	53.3	0.147	<20	1.49	0.010	0.05	0.2	3.3	0.05	<0.02	19	<0.1	0.07	10.9
1589070	Soil		0.089	4.1	134.4	0.90	66.8	0.164	<20	2.11	0.013	0.05	0.3	4.7	0.08	0.02	29	<0.1	0.19	10.2
1589071	Soil		0.073	6.0	113.4	0.86	66.1	0.183	<20	1.92	0.009	0.06	0.2	5.0	0.07	<0.02	19	<0.1	0.16	12.3
1589072	Soil		0.023	4.6	38.6	0.39	38.3	0.174	<20	1.00	0.015	0.06	<0.1	1.8	0.05	<0.02	22	<0.1	0.02	7.4
1589073	Soil		0.127	8.7	174.6	2.58	62.3	0.169	<20	3.57	0.018	0.09	0.4	9.9	0.12	0.02	30	0.2	0.33	10.8
1589074	Soil		0.046	3.2	118.7	0.84	53.2	0.147	<20	1.24	0.015	0.05	0.2	2.9	0.04	0.03	21	0.1	0.06	7.7
1589075	Soil		0.123	4.0	173.3	2.45	142.4	0.113	<20	3.60	0.021	0.11	0.4	10.8	0.06	<0.02	21	0.5	0.41	9.6
1589076	Soil		0.128	3.3	158.7	1.90	123.3	0.131	<20	3.36	0.011	0.13	0.4	6.9	0.06	0.03	36	0.5	0.41	9.4
1589077	Soil		0.156	3.0	161.5	2.47	76.3	0.130	<20	3.06	0.006	0.12	0.5	13.7	0.09	<0.02	24	0.9	0.46	10.3
1589078	Soil		0.142	3.0	193.3	2.34	87.3	0.104	<20	2.67	0.014	0.08	0.3	5.8	0.09	0.09	20	1.0	0.12	8.0
1589079	Soil		0.117	4.8	223.4	2.29	51.5	0.112	<20	2.51	0.022	0.06	0.3	9.6	0.07	0.06	16	1.2	0.09	6.9
1589080	Soil		0.060	2.8	184.1	2.19	108.6	0.165	<20	2.78	0.019	0.12	0.2	4.9	0.07	0.03	11	<0.1	0.07	6.5

BUREAU VERITAS MINERAL LABORATORIES Canada

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PHONE (604) 253-3158

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1100 - 1111 Melville Street
Vancouver British Columbia V6E 3V6 Canada

Project: OM
Report Date: October 08, 2021

CERTIFICATE OF ANALYSIS VAN21002720.1

	Method	FA330	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
1589081	Soil	25	1.58	303.88	3.93	38.0	121	32.0	31.1	595	3.10	1.5	0.3	19.2	0.4	149.9	0.05	0.11	0.14	77	0.82
1589082	Soil	50	1.45	172.85	9.10	68.8	114	35.4	39.3	1304	5.75	2.4	0.3	25.0	0.8	151.6	0.08	0.14	0.11	211	0.81
1589083	Soil	11	1.33	204.80	2.87	83.9	122	35.5	37.4	1727	6.67	1.0	0.3	4.2	0.7	52.2	0.04	0.05	0.03	266	0.89
1589084	Soil	14	2.22	49.37	3.38	91.8	87	333.7	33.8	953	4.73	1.0	0.3	3.1	0.4	43.4	0.04	0.06	0.17	195	0.52
1589085	Soil	140	3.35	345.75	6.38	60.8	175	29.1	40.0	979	5.63	1.1	0.5	9.7	0.6	136.5	0.08	0.16	0.17	181	0.67
1589086	Soil	9	4.88	131.54	66.35	87.8	230	42.3	42.6	1416	7.62	1.8	0.8	2.1	1.1	196.8	0.19	0.15	1.80	306	0.56
1589087	Soil	5	1.05	174.41	4.10	46.8	43	53.6	60.4	427	8.36	0.5	<0.1	1.1	0.6	10.4	0.06	0.06	0.12	250	0.41
1589088	Soil	5	9.23	71.60	76.70	58.7	239	67.6	39.1	494	6.41	0.8	0.2	0.7	0.8	14.8	0.15	0.05	1.47	174	0.50
1589089	Soil	74	34.70	140.09	232.68	48.5	1829	15.2	15.0	664	4.48	5.9	0.9	47.0	1.1	377.5	0.14	0.15	14.39	116	0.52
1589090	Soil	87	19.68	369.24	145.67	69.3	3326	15.8	21.8	1523	4.50	2.1	1.6	43.8	1.8	366.8	0.31	0.12	17.99	120	0.46
1589091	Soil	10	6.93	63.34	17.32	100.7	214	53.3	48.9	776	5.47	0.9	<0.1	1.4	0.2	48.4	0.09	<0.02	0.41	214	0.80
1589092	Soil	4	2.51	20.12	11.25	64.8	178	35.2	23.9	396	4.42	0.9	0.1	0.4	0.6	26.4	0.12	0.05	0.22	176	0.43
1589093	Soil	3	3.48	29.95	27.48	35.7	63	42.5	19.4	326	3.82	1.0	0.1	0.2	0.4	17.6	0.07	0.04	0.59	128	0.31
1589094	Soil	7	2.43	40.58	17.19	49.5	73	42.8	28.8	328	5.60	1.0	0.2	0.5	0.6	17.8	0.10	0.03	0.26	183	0.50
1589095	Soil	11	1.47	13.56	8.83	16.9	205	10.2	5.5	178	1.97	0.5	0.3	1.0	0.7	33.7	0.03	0.06	0.33	84	0.22
1589096	Soil	16	1.26	41.99	9.06	26.9	439	34.7	11.5	182	3.67	1.3	0.2	1.7	1.0	33.2	0.06	0.09	0.31	119	0.26
1589097	Soil	7	1.48	55.65	6.22	31.9	520	38.2	17.1	250	4.73	1.8	0.2	18.3	0.5	43.7	0.06	0.08	0.26	157	0.32
1589098	Soil	8	1.06	33.45	5.67	21.3	186	18.6	10.5	195	3.51	0.9	0.2	11.4	0.3	60.2	0.10	0.10	0.19	127	0.31
1589099	Soil	7	0.74	220.63	4.81	30.4	229	19.7	16.3	322	5.30	2.9	0.2	7.4	0.3	43.1	0.09	0.22	0.13	318	0.27
1589100	Soil	9	0.69	729.16	2.75	51.6	248	86.9	42.3	641	6.12	2.0	0.2	3.7	0.7	29.1	0.14	0.13	0.10	207	0.24

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Client: **Commander Resources Ltd.**
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Project: OM
Report Date: October 08, 2021

CERTIFICATE OF ANALYSIS VAN21002720.1

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
1589081	Soil		0.052	3.2	135.8	1.57	81.7	0.075	<20	2.47	0.028	0.05	0.2	4.5	0.05	0.03	23	<0.1	0.18	5.6
1589082	Soil		0.065	4.1	71.9	2.58	135.9	0.143	<20	3.02	0.009	0.11	0.3	12.4	0.11	0.04	32	0.1	0.12	9.6
1589083	Soil		0.145	3.8	57.5	3.30	373.7	0.280	<20	3.66	0.007	1.12	0.2	13.9	0.43	<0.02	31	<0.1	0.10	14.3
1589084	Soil		0.051	3.3	561.3	4.39	240.9	0.215	<20	3.56	0.004	0.46	0.2	4.1	0.24	0.03	37	<0.1	0.09	12.5
1589085	Soil		0.084	4.4	34.3	1.92	130.8	0.191	<20	3.44	0.015	0.17	0.2	6.0	0.09	0.05	19	<0.1	0.12	9.0
1589086	Soil		0.074	5.5	110.6	2.00	997.8	0.186	<20	2.91	0.010	0.19	0.3	8.9	0.27	0.06	45	<0.1	0.13	11.2
1589087	Soil		0.014	<0.5	182.3	1.17	29.7	0.216	<20	0.98	0.015	0.09	0.1	8.3	0.07	<0.02	7	<0.1	0.05	6.7
1589088	Soil		0.013	2.0	251.9	1.68	55.0	0.213	<20	1.42	0.012	0.19	0.1	7.0	0.15	<0.02	13	0.2	0.05	8.6
1589089	Soil		0.076	10.0	83.7	0.73	1735.1	0.068	<20	2.17	0.024	0.06	0.6	3.4	0.07	0.03	46	0.4	2.19	8.2
1589090	Soil		0.096	12.4	62.4	1.12	3826.5	0.095	<20	2.44	0.020	0.07	1.0	6.0	0.11	0.04	51	0.4	2.39	8.8
1589091	Soil		0.009	<0.5	67.5	3.53	145.1	0.293	<20	3.45	0.027	1.12	0.1	5.7	0.30	<0.02	6	0.1	0.09	7.5
1589092	Soil		0.014	1.5	54.2	1.75	37.9	0.373	<20	2.23	0.034	0.07	0.2	4.5	0.05	<0.02	7	0.2	0.06	6.5
1589093	Soil		0.027	1.8	162.6	1.35	53.2	0.182	<20	1.38	0.019	0.05	0.1	6.0	0.04	<0.02	14	0.2	0.05	6.6
1589094	Soil		0.021	2.2	160.5	1.28	36.1	0.149	<20	1.61	0.018	0.06	0.2	5.4	0.04	<0.02	8	0.1	0.04	6.2
1589095	Soil		0.038	4.6	85.3	0.34	50.5	0.150	<20	0.90	0.017	0.02	<0.1	2.1	0.05	<0.02	16	0.2	<0.02	8.1
1589096	Soil		0.051	4.6	174.3	0.81	58.4	0.169	<20	1.31	0.015	0.03	<0.1	4.7	0.04	<0.02	19	0.2	0.04	8.3
1589097	Soil		0.062	2.9	203.0	1.19	46.5	0.147	<20	1.62	0.017	0.03	0.3	4.9	0.04	<0.02	18	0.2	0.08	8.5
1589098	Soil		0.065	2.5	117.2	0.66	39.9	0.141	<20	1.25	0.015	0.03	0.3	3.3	0.03	0.02	24	0.2	0.05	7.9
1589099	Soil		0.094	2.9	24.2	0.92	61.4	0.207	<20	1.97	0.014	0.04	0.1	4.9	0.05	0.02	32	0.7	0.05	13.2
1589100	Soil		0.125	2.3	114.9	1.86	59.0	0.085	<20	2.87	0.013	0.04	0.2	10.0	0.04	<0.02	30	0.7	0.09	10.1

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Project: OM
Report Date: October 08, 2021

QUALITY CONTROL REPORT VAN21002720.1

		Method	FA330	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																						
1589057	Soil		7	4.17	150.25	8.05	33.7	90	44.6	21.7	1711	3.23	1.4	0.3	0.4	0.1	58.3	0.06	0.13	0.24	110	0.36
REP 1589057	QC		6																			
1589070	Soil		77	2.41	96.47	12.05	45.8	337	39.0	18.1	328	5.37	4.6	0.3	39.3	0.4	52.6	0.12	0.22	0.35	186	0.31
REP 1589070	QC			2.44	95.91	12.04	45.4	325	38.2	17.8	320	5.21	4.6	0.3	25.4	0.4	51.3	0.13	0.27	0.34	179	0.30
1589090	Soil		87	19.68	369.24	145.67	69.3	3326	15.8	21.8	1523	4.50	2.1	1.6	43.8	1.8	366.8	0.31	0.12	17.99	120	0.46
REP 1589090	QC		60																			
1589094	Soil		7	2.43	40.58	17.19	49.5	73	42.8	28.8	328	5.60	1.0	0.2	0.5	0.6	17.8	0.10	0.03	0.26	183	0.50
REP 1589094	QC			2.50	43.00	17.54	48.6	81	43.5	31.8	334	6.13	1.1	0.3	0.6	0.7	20.7	0.10	0.05	0.32	200	0.54
Reference Materials																						
STD BVGEO01	Standard			11.22	4494.87	204.72	1696.9	2366	166.2	26.1	713	3.58	112.7	4.0	196.6	16.8	55.6	6.02	2.34	23.92	76	1.29
STD DS11	Standard			14.84	144.73	134.81	347.6	1730	83.9	14.2	1030	3.09	45.1	2.7	111.8	8.3	69.5	2.28	7.83	11.29	47	1.06
STD OREAS232	Standard		861																			
STD OREAS262	Standard			0.68	117.09	62.23	159.1	455	69.7	30.2	563	3.34	36.5	1.3	53.8	11.0	35.6	0.64	2.18	1.01	23	3.08
STD OREAS262	Standard			0.68	115.98	57.28	149.3	465	66.0	28.9	549	3.25	36.1	1.3	63.2	10.2	35.6	0.62	3.32	1.01	21	2.99
STD OXA147	Standard		84																			
STD OXA147	Standard		84																			
STD OXA71	Standard		85																			
STD OXA71	Standard		82																			
STD OREAS232 Expected			902																			
STD BVGEO01 Expected				10.8	4415	187	1741	2530	163	25	733	3.7	121	3.77	219	14.4	55	6.5	2.2	25.6	73	1.3219
STD OXA71 Expected			84.9																			
STD OXA147 Expected			82																			
STD DS11 Expected				13.9	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	7.2	12.2	50	1.063
STD OREAS262 Expected				0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	3.39	1.03	22.5	2.98
BLK	Blank		2																			
BLK	Blank		3																			
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank		2																			

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Project: OM
Report Date: October 08, 2021

QUALITY CONTROL REPORT VAN21002720.1

		Method	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250	AQ250
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																				
1589057	Soil		0.139	3.4	117.2	0.61	81.5	0.082	<20	1.30	0.016	0.10	0.2	2.9	0.09	0.06	57	0.4	0.05	7.4
REP 1589057	QC																			
1589070	Soil		0.089	4.1	134.4	0.90	66.8	0.164	<20	2.11	0.013	0.05	0.3	4.7	0.08	0.02	29	<0.1	0.19	10.2
REP 1589070	QC		0.084	4.0	129.3	0.88	66.6	0.153	<20	2.05	0.012	0.05	0.3	4.7	0.08	0.02	22	0.1	0.17	10.3
1589090	Soil		0.096	12.4	62.4	1.12	3826.5	0.095	<20	2.44	0.020	0.07	1.0	6.0	0.11	0.04	51	0.4	2.39	8.8
REP 1589090	QC																			
1589094	Soil		0.021	2.2	160.5	1.28	36.1	0.149	<20	1.61	0.018	0.06	0.2	5.4	0.04	<0.02	8	0.1	0.04	6.2
REP 1589094	QC		0.021	2.6	170.1	1.32	37.7	0.161	<20	1.66	0.021	0.06	0.3	6.1	0.04	<0.02	7	<0.1	0.05	6.8
Reference Materials																				
STD BVGEO01	Standard		0.078	28.5	177.6	1.29	332.2	0.249	<20	2.25	0.196	0.88	3.7	6.0	0.64	0.70	88	4.5	0.99	7.1
STD DS11	Standard		0.070	18.7	60.6	0.85	415.4	0.099	<20	1.17	0.073	0.40	2.2	3.2	4.91	0.28	240	1.8	4.56	5.0
STD OREAS232	Standard																			
STD OREAS262	Standard		0.044	18.6	47.1	1.22	253.6	0.003	<20	1.30	0.072	0.32	<0.1	3.7	0.48	0.27	155	0.5	0.23	4.0
STD OREAS262	Standard		0.038	19.9	44.9	1.19	251.0	0.004	<20	1.33	0.067	0.33	0.1	3.4	0.47	0.26	156	<0.1	0.21	3.9
STD OXA147	Standard																			
STD OXA147	Standard																			
STD OXA71	Standard																			
STD OXA71	Standard																			
STD OREAS232 Expected																				
STD BVGEO01 Expected			0.0727	25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	5.97	0.62	0.6655	100	4.84	1.02	7.37
STD OXA71 Expected																				
STD OXA147 Expected																				
STD DS11 Expected			0.0701	18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	3.1	4.9	0.2835	260	2.2	4.56	4.7
STD OREAS262 Expected			0.04	15.9	41.7	1.17	248	0.003		1.3	0.071	0.312	0.13	3.24	0.47	0.269	170	0.4	0.23	3.9
BLK	Blank																			
BLK	Blank																			
BLK	Blank		<0.001	<0.5	1.0	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank																			

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Report Date: October 08, 2021

QUALITY CONTROL REPORT VAN21002720.1

		FA330 Au	AQ250 Mo	AQ250 Cu	AQ250 Pb	AQ250 Zn	AQ250 Ag	AQ250 Ni	AQ250 Co	AQ250 Mn	AQ250 Fe	AQ250 As	AQ250 U	AQ250 Au	AQ250 Th	AQ250 Sr	AQ250 Cd	AQ250 Sb	AQ250 Bi	AQ250 V	AQ250 Ca
		ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01

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		AQ250 P % 0.001	AQ250 La ppm 0.5	AQ250 Cr ppm 0.5	AQ250 Mg % 0.01	AQ250 Ba ppm 0.5	AQ250 Ti % 0.001	AQ250 B ppm 20	AQ250 Al % 0.01	AQ250 Na % 0.001	AQ250 K % 0.01	AQ250 W ppm 0.1	AQ250 Sc ppm 0.1	AQ250 Tl ppm 0.02	AQ250 S % 0.02	AQ250 Hg ppb 5	AQ250 Se ppm 0.1	AQ250 Te ppm 0.02	AQ250 Ga ppm 0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1