

Ministry of Energy and Mines  
BC Geological Survey

Assessment Report  
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geochemical Sampling and Compilation

TOTAL COST: 6,833.74

AUTHOR(S): Bernie Kreft

SIGNATURE(S): original signed

BK

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

YEAR OF WORK: 2021

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5848091

PROPERTY NAME: Windy

CLAIM NAME(S) (on which the work was done): 1037983, 1037984

COMMODITIES SOUGHT: Cu, Au, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093J 024

MINING DIVISION: Omineca

NTS/BCGS: NTS: 093J13 BCGS: 093J091

LATITUDE: 54 ° 56 ' \_\_\_\_\_ " LONGITUDE: 123 ° 50 ' \_\_\_\_\_ " (at centre of work)

OWNER(S):

1) Bernie Kreft

2) \_\_\_\_\_

MAILING ADDRESS:

1 Locust Place, Whitehorse YT, Y1A 5G9

OPERATOR(S) [who paid for the work]:

1) as above

2) \_\_\_\_\_

MAILING ADDRESS:

as above

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Takla Group, Witch Lake Volcanics, diorite, andesite, quartz-diorite, granodiorite, copper, gold, silver, propylitic alteration, vein, stockwork, breccia, disseminated, chalcopyrite, pyrite, epidote, chlorite alteration

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 14449, 16597, 19853, 21430, 24751, 30194, 36209

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping			
Photo interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
<b>GEOCHEMICAL (number of samples analysed for...)</b>			
Soil			
Silt			
Rock 19 samples		AQ201 and FA330	6,833.74
Other			
<b>DRILLING (total metres; number of holes, size)</b>			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
<b>PROSPECTING (scale, area)</b>			
<b>PREPARATORY / PHYSICAL</b>			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
<b>TOTAL COST:</b>			<b>6,833.74</b>

Assessment Report

**2021 Geochemical Sampling  
And  
Compilation Report  
On The  
Windy Property  
Tenures Worked On: 1037983, 1037984**

Located In Windy Lake Area  
Central British Columbia  
Omineca Mining Division  
On  
NTS: 093J13  
BCGS: 093J091  
Latitude 54°56' North and Longitude 123°50' West

By  
Bernie Kreft

October 17<sup>th</sup>, 2021

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**Location** – The Windy project is located on BCGS map sheet 093J091 in the Omineca Mining Division approximately 61 kilometres northeast of Fort Saint James, B.C. and approximately 3.0 kilometres south of Windy Lake, centered at 54°56' North and 123°50' West. The main area of work is approximately 22.5 kilometres southeast of the Mount Milligan Mine. A total of 5 tenures comprise the project, with claim data found on the following table:

Title Number	Claim Name	Owner	Good To Date	Area (ha)
1037983	WINDY	114661 (100%)	2022/Oct/01 *	18.58
1037984	WINDY PERIM	114661 (100%)	2022/Oct/01 *	55.74
1037987	Windy South Perim	114661 (100%)	2022/Oct/01 *	204.38
1040435	Windy West	114661 (100%)	2022/Oct/01 *	37.16
1062452	Windy Frac	114661 (100%)	2022/Oct/01 *	18.58

\* pending acceptance of this report

**Access** – Access to the property was achieved by truck heading north of Ft St James via the Germansen-Manson road for about 51 kilometres and then via the Germansen Cripple FSR road for approximately 27 kilometres to the property. All roads are well maintained 2-lane gravel logging roads.

**Topography and Vegetation** – The area of the property is characterized by low rolling hills and thick vegetative cover, with marshy areas and small lakes common to many depressions. Elevations range from about 900 metres to 1200 metres along the peaks of small hills common to the area. Vegetation on the property consists of balsam fir and limited spruce with occasionally thick brush. Snow commonly exists from early November through to the middle of April.

The area has been glaciated leaving behind a thin to moderate cover of till which has been occasionally altered by fluvial action especially along the banks of the Salmon River. Outcrops are found along the banks of streams and rivers and less commonly on steep slopes and ridge tops. The most recent glacial direction was predominantly from the south-southwest to the north-northeast.

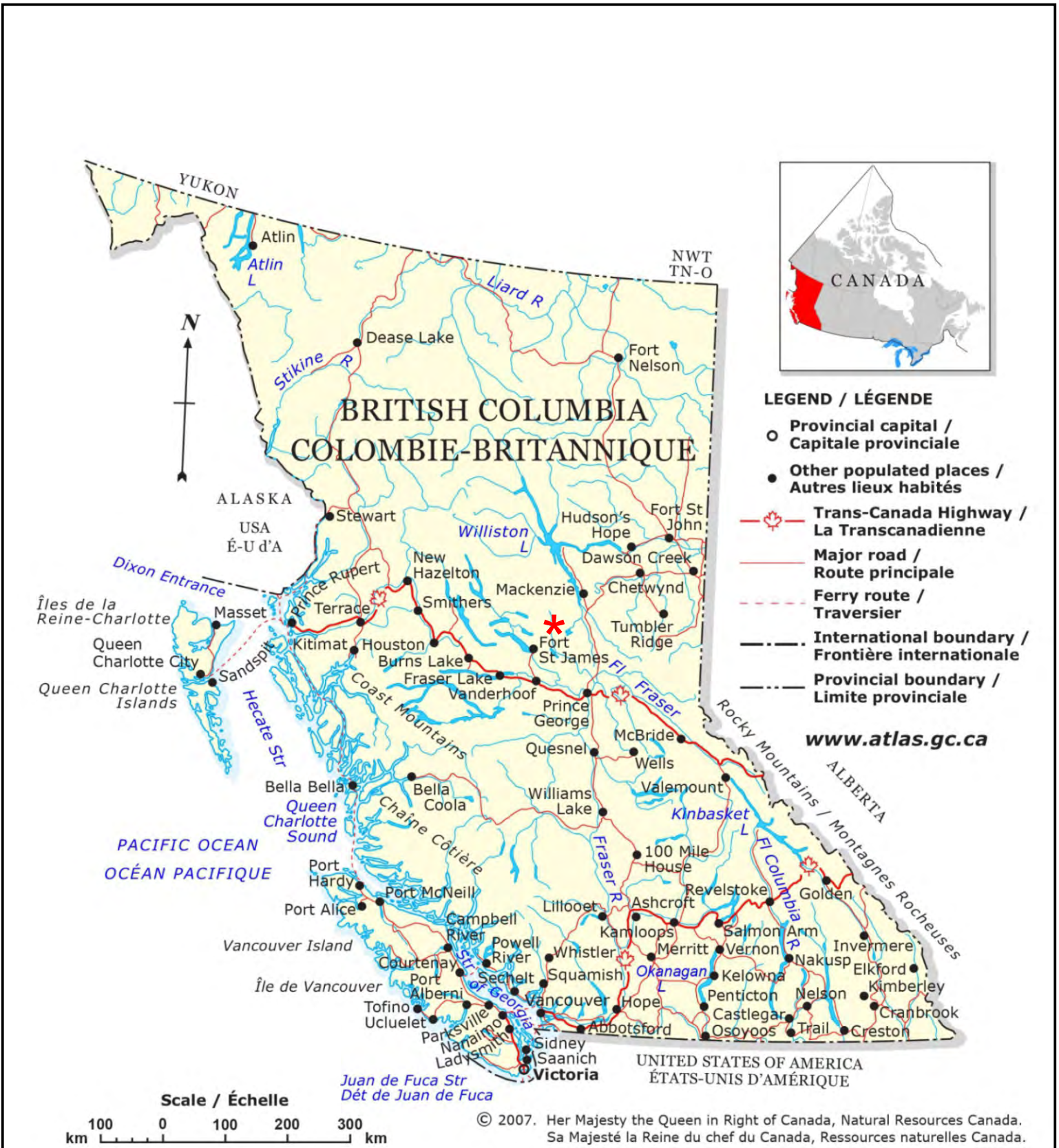
Forestry and logging are the main economic activity in the area with numerous clear cuts of various ages in the immediate vicinity of the property. Recent large scale cut blocks extend to within 1.0 km to the SW and 0.75 km to the north of the main work area, with active logging ongoing throughout the general area.

### History And Previous Work

The Windy property is located in the Omineca Mining Division approximately 60 kilometres northeast of Ft St James, B.C. The property covers a sizeable area of porphyry style copper gold mineralization within the Quesnel trough. A chronological summary of assessment reports pertinent to the property is as follows:

AR 14449 – In 1985 Cassiar Mining Corporation conducted a small program of prospecting, soil sampling and thin section work on copper showings (Copper Zone) discovered by prospector Richard Haslinger. Thin section and assaying work identified numerous anomalous results of up to 13,470 ppm copper and 0.106 oz/ton gold from samples of epidote, sericite and actinolite altered diorite to leuco-diorite mineralized with chalcopyrite and lesser pyrite occurring as disseminations and within small shears, fractures and quartz +/- tourmaline veins. Soil sampling encountered scattered copper and gold values with no direct correlation between anomalous soil samples and mineralized bedrock showings.

AR 16597 – In 1987 Placer Dome optioned the project from Haslinger and conducted trenching as well as geochemical (B-horizon soils) and geophysical surveys (mag-VLF-IP). Grab sampling returned average assays of 0.36% Cu and 0.57 ppm Au from samples of variably sheared diorite with chlorite, epidote, carbonate and sericite alteration. Trenching was conducted in three areas with the only trench (Trench 5) in the Copper Zone (the focus of the Kreft 2016 and this program) exposing 10 metres of bedrock

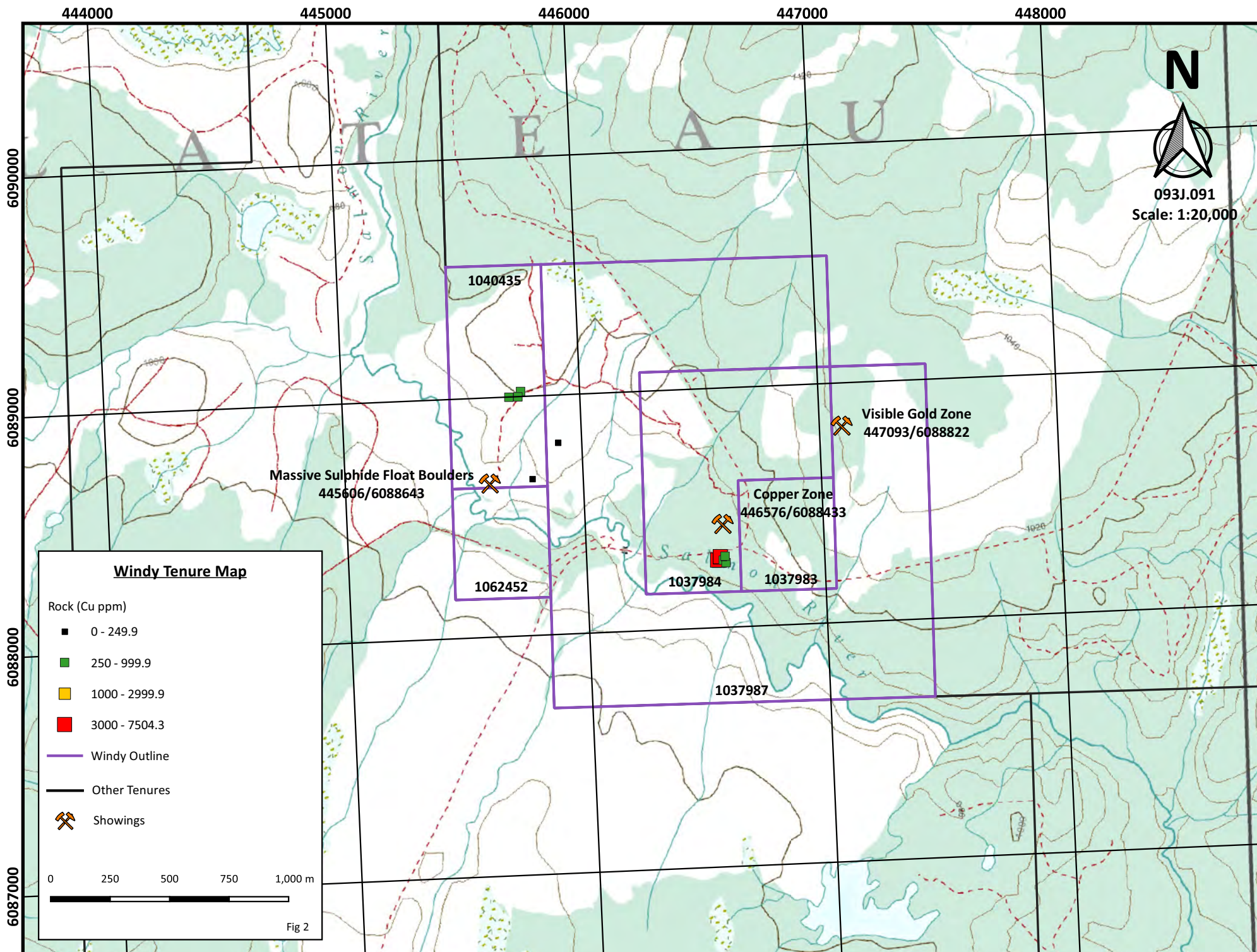


Map to accompany 2021 Windy Report

Windy Property \*

Drawn By: Jarret Kreft

October 28th, 2021



444000

445000

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6089000

6088000

6087000

N



093J.091  
Scale: 1:20,000

1040435

Massive Sulphide Float Boulders  
445606/6088643

Visible Gold Zone  
447093/6088822

Copper Zone  
446576/6088433

1062452

1037984

1037983

1037987

**Windy Tenure Map**

- Rock (Cu ppm)
- 0 - 249.9
  - 250 - 999.9
  - 1000 - 2999.9
  - 3000 - 7504.3

- Windy Outline
- Other Tenures
- ⚒ Showings

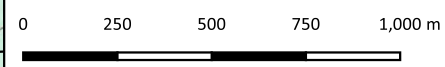


Fig 2

consisting of chloritized and schistose diorite sampling and analyses of which returned 8 metres of 0.33% Cu, 0.9 ppm Au and 0.89 ppm Pd. A lightweight battery powered IP system with a Wenner array was used, and although problems were noted with the unit it was felt that the IP survey did penetrate through the overburden and a small chargeability high was found approximately 30 metres east of the mineralized interval in Trench 5 at the Copper Zone. Fine visible gold and fragments of quartz were reported to have been panned from samples of weakly quartz veined and altered diorite bedrock in the area of what has been labelled the Visible Gold Zone.

AR 19853A and 19853D – In 1989 Placer Dome conducted a 9-hole 1495 metre NQ drill program targeting geophysical targets scattered throughout the property, with one hole (Hole 9; 89-9) completed at the Copper Zone. Hole 9, totaling 104 metres in length, was collared 82 metres west of Trench 5 and was drilled towards the trench at a 45° inclination. The hole encountered medium grained diorite with pervasive epidote and hematite alteration throughout. Numerous intervals of copper-gold mineralization associated with zones of brecciation and tension fractures were intersected with the best interval returning 0.4 g/t Au and 0.26% Cu over 9.8 metres. One hole (89-1) was collared at the Visible Gold Zone to test an area of anomalous Au-As geochemistry. A diorite hosted zone with crackle texture, 3 to 5% quartz-carbonate stringers and 2 to 3% fracture fill pyrite returned an anomalous gold value of 0.21 g/ton Au over 10.8 metres.

AR 21430A and 21430B – In 1990 Placer Dome conducted a 6-hole 684 metre drill program along with trenching, prospecting, soil sampling and VLF-EM geophysical surveys with no work completed in the area of the Copper Zone. This work resulted in the discovery of a series of what are likely proximally derived massive to semi-massive sulphide float boulders in till with grades of up to 32.17 g/t Au along with highly anomalous values of Ag-Cu-As-Zn-Pb-Co-Cd-Hg.

AR 24751 – In 1996 Columbia Gold Mines drill tested magnetic anomalies associated with the massive sulphide float boulder showings. A total of 8 holes and 545 metres were drilled, core recovery was poor and only limited anomalous values were encountered.

Unknown report – Unknown author – In AR 24751 the drill hole location map shows the presence of 15 percussion holes in the general vicinity of the Copper Zone that appear to have been drilled in 1991. Results of this work are not in the public domain.

AR 30194 – During 2008 Orestone Mining completed 6 drill holes totaling 1103 metres. No work was completed on the current Kreft property and results were reported for only one hole.

AR36209 – During 2016 the author conducted a program of prospecting and biogeochemical sampling over the Copper Zone and the massive sulphide float boulder showing.

Prospecting of several historical trenches in the massive sulphide float boulder area confirmed the presence of float boulders of massive to semi-massive sulphide, which appear to be locally derived. A sample of one of these boulders returned 1,811.4 ppb Au, 12.5 ppm Ag, 3,613.6 ppm Cu and greater than 10,000 ppm As.

Work at the Copper Zone resulted in the collection of 9 rock samples which averaged 4,047 ppm Cu, 1.36 ppm Ag, 744 ppb Au and up to 2,497 ppb Pd. Prospecting to the south and east of the Copper Zone resulted in the collection of 7 rock samples of variably altered and mineralized diorite which averaged 4,888 ppm Cu, 5.05 ppm Ag, 177 ppb Au and up to 700 ppb Pd.



Results from biogeochemical sampling showed sporadic anomalous values for copper over the Copper Zone and only background geochemical response from the area of the massive sulphide float boulders. Till cover of variable thickness was thought to have hindered the efficacy of this sampling method.

**Regional Geology** – The Windy property is located within the Quesnel Terrane which is an island arc assemblage consisting of mainly Upper Triassic to Lower Jurassic submarine volcanic and volcanoclastic rocks of the Nicola and Takla groups that formed along the western margin of North America and is bounded to east by the oceanic Slide Mountain terrane and pericratonic rocks and separated from Stikine terrane to the west by the oceanic Cache Creek terrane.

In the Windy area, the Quesnel Terrane is composed mostly of volcanic and sedimentary rocks of the Takla Group which is informally subdivided into a lower, predominantly sedimentary Inzana Lake Succession, and an upper, predominantly volcanoclastic Witch Lake Succession. The Witch Lake Succession (host to the Mt. Milligan deposits) is characterized by augite-phyric volcanoclastic and coherent basaltic andesites, with subordinate epiclastic beds. Takla rocks are intruded by comagmatic, frequently zoned alkaline plutons. These plutons are most frequently diorite to monzonite but range from syenogabbro to syenite. The chemical compositions of the plutons are similar to the volcanic rocks they intrude. The plutons occur along linear trends and appear to be controlled by major faults. The size of the plutons varies from small dykes and plugs to batholiths. Eocene-Oligocene volcanic and sedimentary rocks, preserved in fault-bounded Early Tertiary basins, are also present.

**Property Geology** – The Windy Property is mainly underlain by dioritic rocks which have intruded the overlying Takla Group Witch Lake volcanics. The geology of the rock in outcrops, trenches, and drill core is consistent with the predominance of diorite on the property subjected to varying levels of alteration and metamorphism. The Takla volcanics consist of a sequence of andesitic flows and pyroclastics. The flows are mainly porphyritic while the pyroclastics are comprised of agglomerates and tuffs. Late stage quartz-diorite and granodioritic dykes along with faulting and shearing cut the dioritic and volcanic rocks.

Sulphide mineralization is mainly composed of disseminated and fracture filling pyrite and chalcopyrite (1 to 3%, occasionally up to 10%) associated with zones of shearing, brecciation and silicification. Blebs and fracture fillings of chalcopyrite, with lesser pyrrhotite and rare bornite are also associated with quartz-carbonate veins and breccia zones proximal to shear zones. Alteration on the property consists of extensive, weak to moderate propylitic alteration occurring pervasively, as veinlets and as disconnected patchy networks. The alteration assemblage is typically chlorite-epidote +/- sericite +/- carbonate +/- hematite +/- biotite +/- K-feldspar, with quartz-carbonate veins commonly developing sericitic envelopes.

**Current Work and Results** – Exploration work at the Windy Project was conducted on July 15<sup>th</sup> 2021, and was concentrated south of the Copper Zone (14 rock samples) as well as within recent logging cuts just north of the Copper Zone (5 rock samples). Rock samples taken within the recent logging cuts were comprised of angular till thought to be locally derived, while samples from the area south of the Copper Zone were comprised of bedrock material from occasional outcrops, small hand dug pits and old trenches or scrapings. Sample sites were marked in the field using flagging inscribed with the sample code, with samples placed into standard 8.5x11 poly rock sample bags. All samples were analyzed by Bureau Veritas in Vancouver, with rocks prepped using PRP70-250 (pulverize and 250g split) and analyzed using AQ201 (36 element ICP with 15g sample size). Upon receipt of the AQ201 results which identified the presence of anomalous copper in numerous samples, a total of 6 rock samples were selected for further analyses by method FA330 which is a fire assay procedure with ICP finish for Au, Pt and Pd.

Detailed prospecting along logging roads within the recent clear cuts failed to locate actual outcrop but did locate numerous angular till cobbles which may be close to source. Interesting values were returned

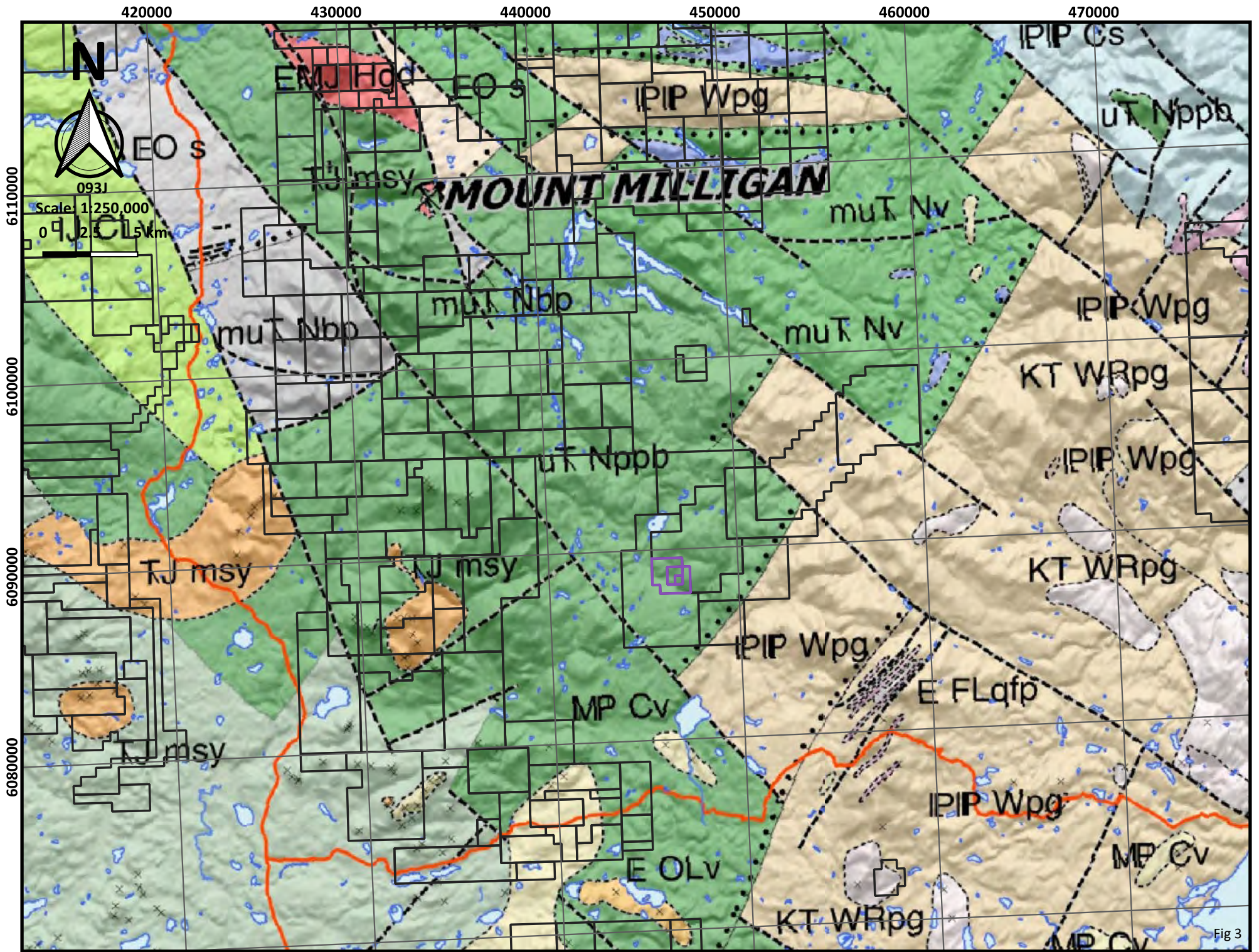


Fig 3

# Geology Legend

## Kootenay Terrane

### Late Proterozoic-Late Paleozoic

**IPIP Ks** Undivided quartzite, phyllite, siltstone, limestone, conglomerate, biotite-muscovite-quartz schist, quartzofeldspathic gneiss, diorite, diabase, pegmatite

**IPIP Wpg** **Wolverine Metamorphic Complex**  
Muscovite and biotite schist, paragneiss; amphibolite and calcisilicate, quartzite; includes undifferentiated pegmatite, granodiorite and quartz porphyry; protolith Kootenay rocks

## Cariboo/Cassiar Terrane

### Late Proterozoic-Late Paleozoic

**IPIP Cs** Undivided quartzite, siltstone, shale, limestone, marble, calcareous argillite, dacitic tuff and conglomerate

**IPIP Wpg** **Wolverine Metamorphic Complex**  
Muscovite and biotite schist, paragneiss; amphibolite and calcisilicate, quartzite; includes undifferentiated pegmatite, granodiorite and quartz porphyry; protolith Cariboo/Cassiar rocks

## Quesnel Terrane

### Hogem Batholith

**EMJ Hgd** Gabbro, diorite, granodiorite, monzonite, syenite

**EMJ DCsy** **Duckling Creek Syenite Complex (DCsy)**  
Foliated migmatitic and leucocratic syenite

### Cretaceous to Tertiary

#### Wolverine Range Plutonic suite

**KT WRpg** Muscovite-biotite granite and pegmatitic intrusions

**KT WRgd** Foliated granodiorite, feldspar porphyritic monzodiorite

### Late Cretaceous (97-65 Ma)

**LK Egd** **Endako Batholith**  
Monzogranite, granodiorite and quartz porphyritic felsite

### Upper Triassic

#### Nicola Group

**uT Nc** Limestone, bioherm, calcareous mudstone

**uT Npvb** Polyolithic maroon volcanic breccia, orthoclase, plagioclase and hornblende crystal-rich tuff, sandstone and maroon siltstone

**uT Nab** Analcime pyroxene+/-olivine basalt breccia, flows and tuffs

#### Witch Lake Succession

**uT Nppb** Pyroxene+plagioclase phyric basalt flow and breccia

#### Inzana Lake Succession - Cottonwood River Succession

**uT Nvs** Volcanic sandstone, siltstone, and sedimentary breccia; subordinate pyroxene phyric basalt breccia and conglomerate

### Middle-Upper Triassic

#### Nicola Group

**muT Nv** Pyroxene±olivine±plagioclase phyric basalt breccia

**muT Nsv** Transitional sedimentary package of mixed volcanoclastic rocks, siltstone, sandstone and minor limestone

#### Black Phyllite - Slate Creek Succession

**muT Nbp** Black phyllite, grey slate, siltstone, quartzite and minor limestone, polyolithic conglomerate

#### Undivided Nicola Group

**muT N** Pyroxene+plagioclase phyric basalt flow, breccia, bedded tuff, sandstone, shale and carbonate

#### Metavolcanic rocks

**muT Nmv** Amphibole-potassium feldspar-biotite gneiss, greenschist and metavolcanic rocks

## Eocene

### Endako Group

**EO Ev** Basalt, andesite and dacite breccia and flows, minor sedimentary rocks

**EO Es** Conglomerate, sandstone, shale, lignite; minor basalt breccia

### Kamloops Group

**E Kv** Basalt, andesite flows and breccias; subordinate felsic rocks tuffaceous and minor sedimentary rocks

### Ootsa Lake Group

**E OLv** Felsic and intermediate volcanic flows, tuffs and breccias subordinate mafic rocks, minor conglomerate and wacke

## Oligocene - Pliocene

### Chilcotin Group

**MP Cv** Alkaline olivine basalt and coarse sedimentary rocks

**OP s** **Australian Creek, Fraser Bend and Crownite formations**  
Poorly consolidated conglomerate, sandstone, mudstone, lignite and diatomite

## Lower Jurassic

### Chuchi Lake Group

**IJ CLv** Green and maroon plagioclase+pyroxene phyric andesite, latite and dacite flows

**IJ CLs** Heterolithic volcanic conglomerate, sandstone, siltstone, cherty tuff

### Twin Creek Succession

**IJ Twv** Heterolithic, maroon plagioclase±augite±hornblende breccia and tuff, plagioclase±quartz phyric dacite flows and breccias

## Late Triassic-Early Jurassic

**TJ msy** Syenite, monzonite, monzodiorite and diorite; minor nepheline syenite and clinopyroxenite

**TJ gd** Hornblende-biotite granodiorite, monzodiorite to diorite

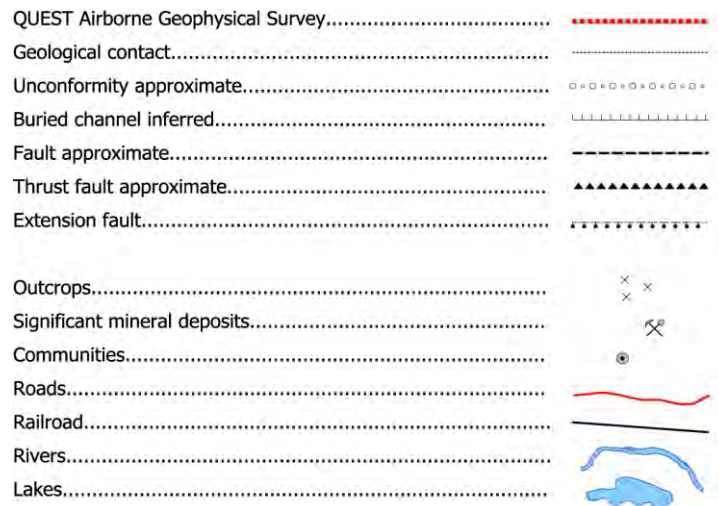
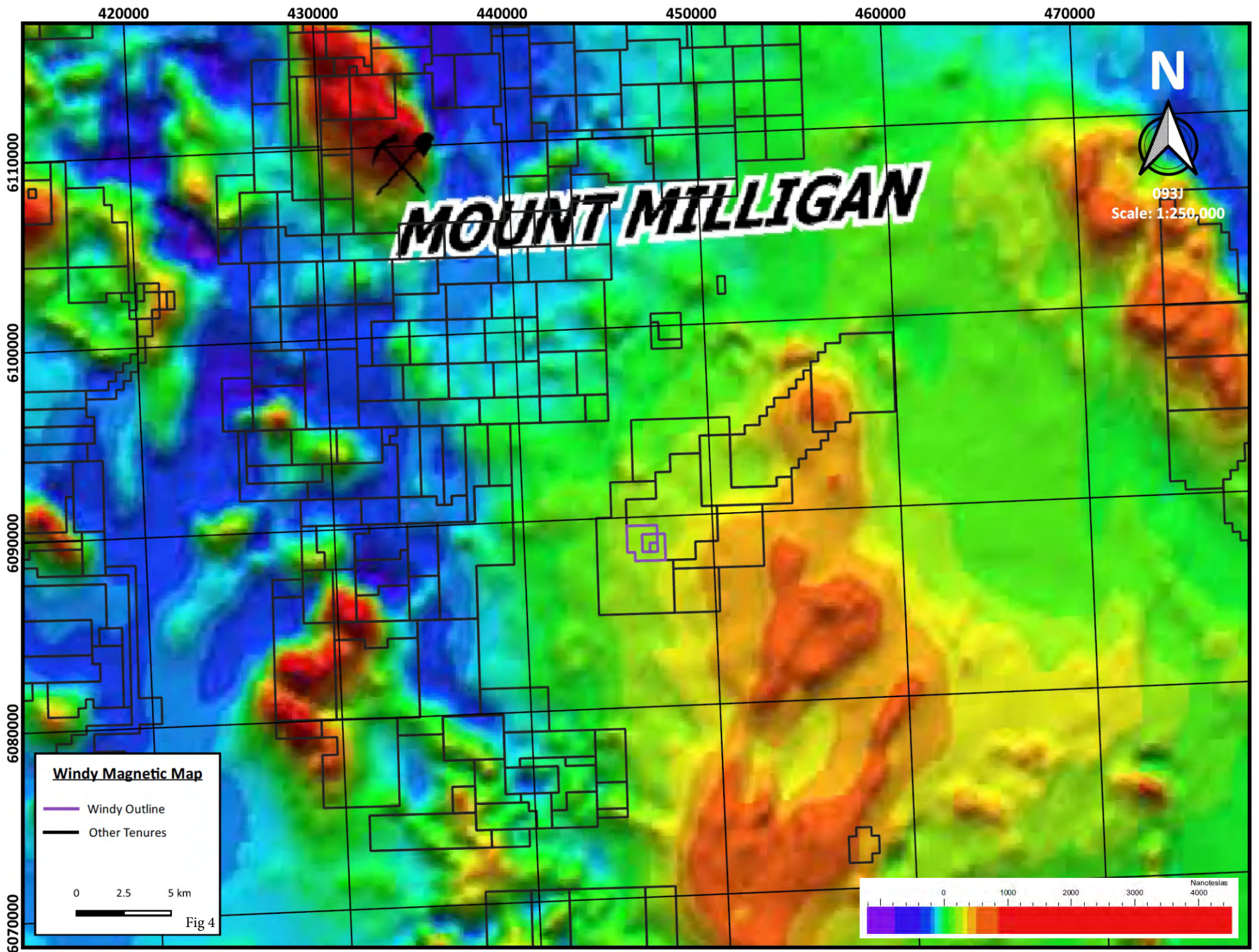
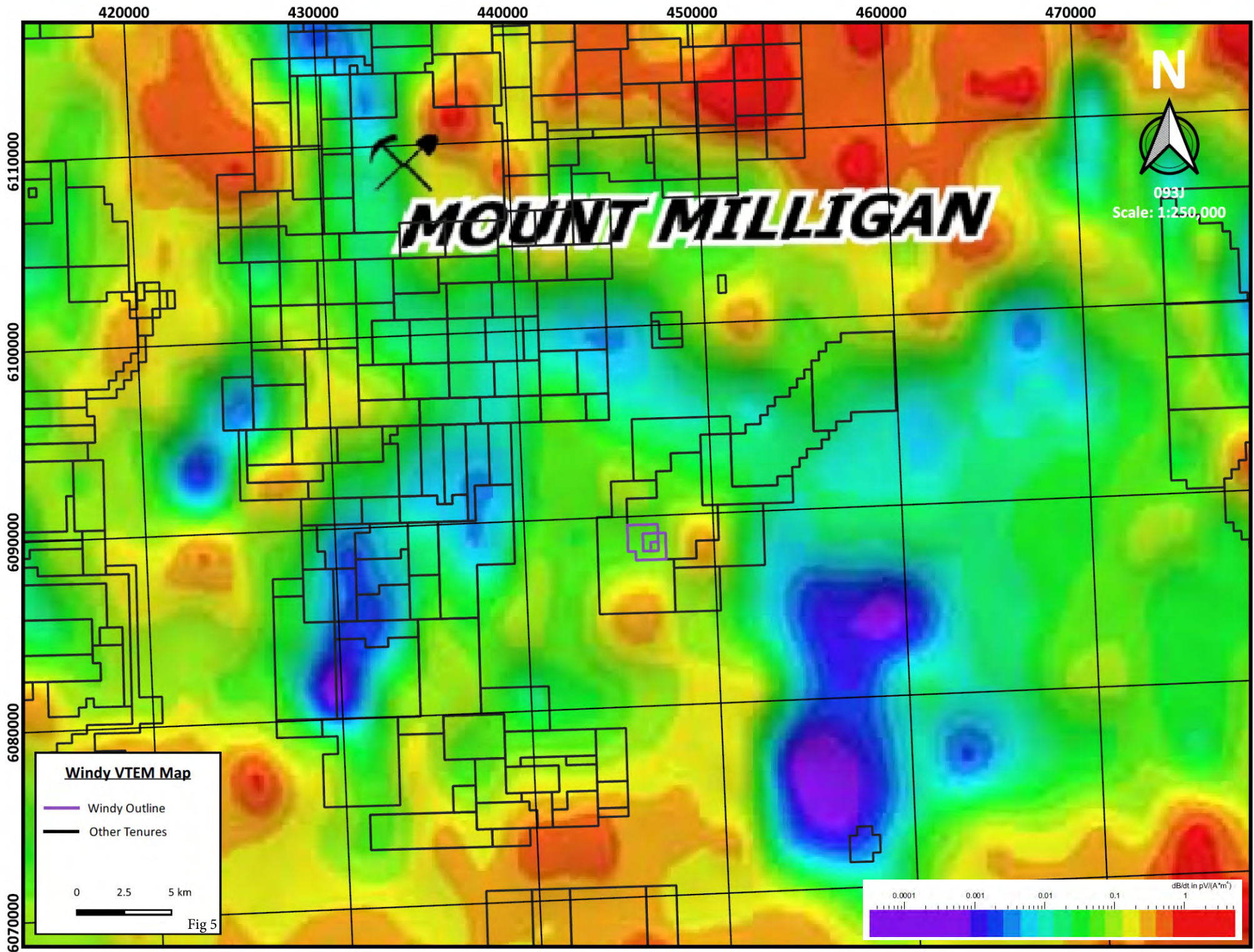


Fig 3a





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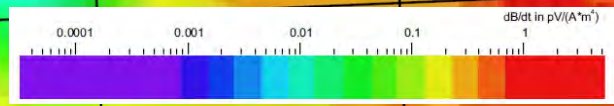
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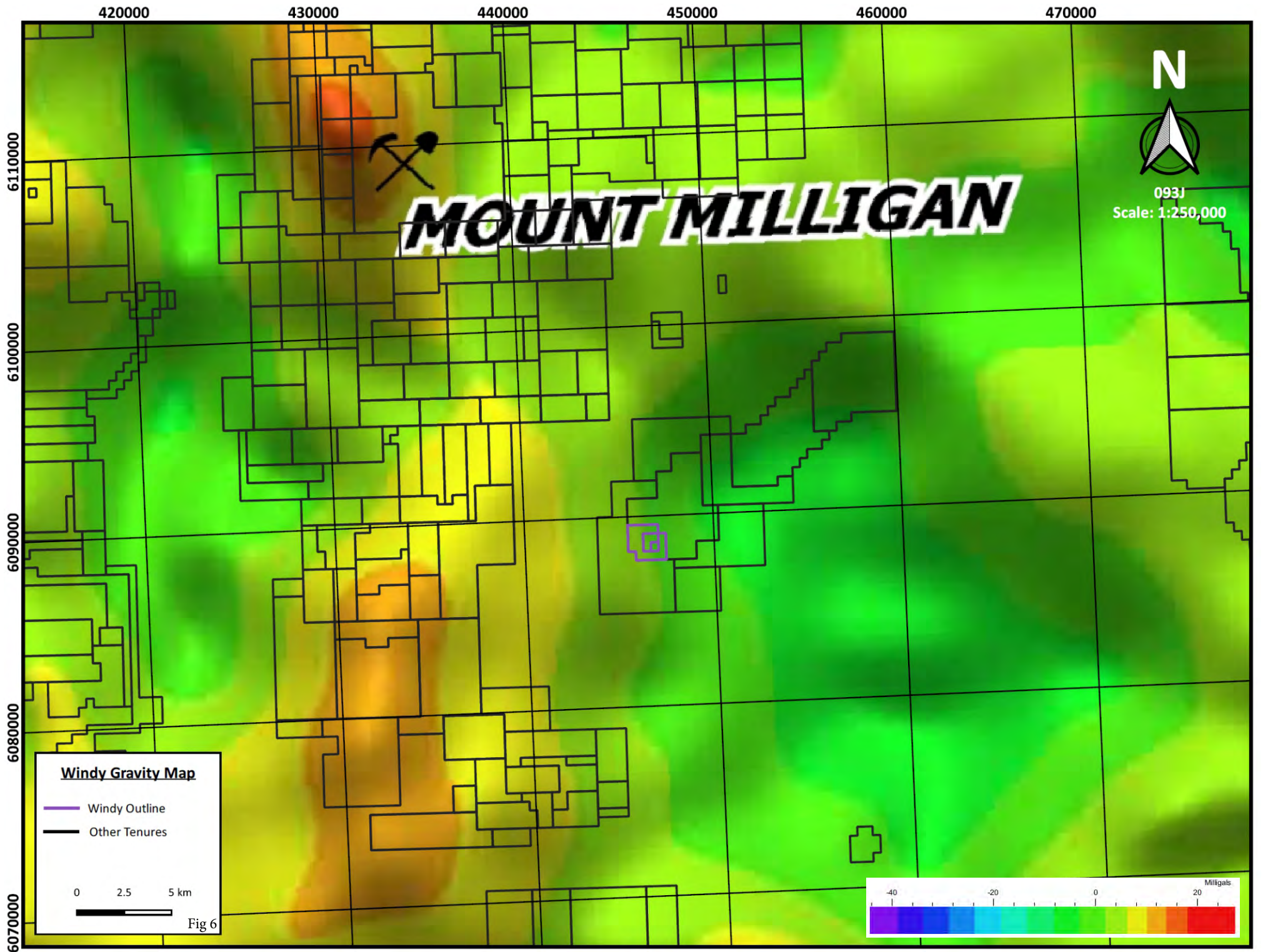
### Windy VTEM Map

- Windy Outline
- Other Tenures

0 2.5 5 km

Fig 5





from BKWN-04, a sample of propylitically altered diorite with disseminated and fracture-controlled pyrite that returned 809.8 ppm Cu, while BKWN-05, a limonitic cobble returned 4,871 ppb Au. The most recent glacial movement in the area was from the SSW to the NNE which suggests these cobbles may be derived from mineralization associated with the area of massive sulphide float boulders or denote extensions/additions to this mineralized zone.

Work south of the Copper Zone was focused on defining an average grade for mineralized outcrops located in this area during the 2016 field visit. A total of 13 rock chip and representative samples, thought to represent an average of the material present, were taken from this area. The average of these 13 samples are 2,142 ppm Cu, 1.9 ppm Ag and 106 ppb Au along with occasionally anomalous Pd up to 597 ppb. Palladium values show an excellent correlation with anomalous copper and gold suggesting that they will likely report to concentrates from a processing plant dedicated to recovering copper and gold. Historical sampling results suggest the average grades encountered in this area will be less than those from the Copper Zone itself which means average grades greater than 2,142 ppm Cu, 1.9 ppm Ag, 106 ppb Au along with occasionally anomalous Pd can be expected over an area with minimum dimensions of approximately 250m north-south by 200m east-west.

**Conclusions** – The Windy Property is a road accessible target covering significant porphyry style Cu-Au-Ag-Pd mineralization. Mineralization found at the Massive Sulphide Boulder Area and the Visible Gold Zone may represent target types commonly found on the periphery of a porphyry system represented by mineralization located at, and in the vicinity of, the Copper Zone. Precious metal grades encountered at the Copper Zone are significant, with the Cu-Au-Ag-Pd signature also found in the Mount Milligan mine area. Although significant mineralization has been found at the Copper Zone, only limited trenching and drilling has been completed. Furthermore, much of the historical work completed in the immediate vicinity of the Copper Zone is suspect due to the methods and equipment employed, specifically malfunctions of the old and under-powered IP unit used and that previous soil sampling surveys focused on B-horizon material which is an extremely poor sampling medium within glaciated and till covered terrain such as is found in this area. Significant mineralization and exploration upside exists on the Windy Property, specifically in the general vicinity of the Copper Zone.

**Recommendations** – The property should be subjected to modern geophysical surveys including a property wide 50 metre line spaced airborne magnetic survey and a deep penetrating ground IP survey focusing specifically on the Copper Zone and mineralized areas located to the south and east. Results of these surveys should be used to guide an initial 8-hole 2400 metre drill program.

446000

446500

6089000




093J.091  
Scale: 1:5,000

BKWN-05  
BKWN-03  
BKWN-04

■ BKWN-02


■ BKWN-01

 **Massive Sulphide Float Boulders**  
445606/6088643

**Copper Zone**  
446576/6088433 

**Windy Sample Label Map**

- Rock (Cu ppm)
- 0 - 249.9
- 250 - 999.9
- 1000 - 2999.9
- 3000 - 7504.3

- Windy Tenure Outline
-  Showings

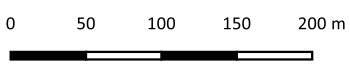


Fig 7

BKWN-13,14  
BKWN-10,11,12  
BKWN-08,09  
BKWN-06,07  
BKWN-18,19  
BKWN-17  
BKWN-15  
BKWN-16



446000

446500

6089000

N



093J.091  
Scale: 1:5,000

4871.0 ■ 29.3  
■ 39.1

■ 3.4

■ 18.4



**Massive Sulphide Float Boulders**  
445606/6088643

**Copper Zone**  
446576/6088433



Rock (Au ppb)

- 0 - 174.9
- 175 - 399.9
- 400 - 999.9
- 1000 - 4871

— Windy Tenure Outline

⚒ Showings

0 50 100 150 200 m



Fig 8

517.4, 96.1  
 73.1, 82.4, 21.5  
 234.4, 65.3  
 198.6, 35.1  
 23.4, 49.4  
 9.8  
 41.1  
 26.7

446000

446500

6089000



093J.091  
Scale: 1:5,000

308.4  
268.5  
809.8

■ 122.5

■ 52.1



**Massive Sulphide Float Boulders**  
445606/6088643

**Copper Zone**  
446576/6088433

7504.3, 2415.5  
2129.8, 591.2  
188.5, 311.9  
6191.9, 2441.2  
47.8  
386.7  
389.7  
4259.9, 1093.2

**Windy Cu Map**

2021 Windy Rock (Cu)

- 0 - 249.9
- 250 - 999.9
- 1000 - 2999.9
- 3000 - 7504.3

— Windy Tenure Outline

Showings

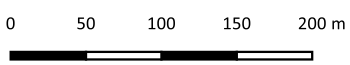


Fig 9

Sample	Type	NAD83/E	NAD83/N	Description	Wgt	Cu	Ag	Au	Au	Pt	Pd
BKWN-01	Rock	445787	6088653	py poss magnetite, poss qtz or schistose int	0.57	52.1	0.2	18.4	N.A.	N.A.	N.A.
BKWN-02	Rock	445901	6088800	grey hnflsd rock with lim frags and small rare brx patches, minor py poss po	0.82	122.5	<0.1	3.4	N.A.	N.A.	N.A.
BKWN-03	Rock	445752	6089021	dioritic int with diss and frac controlled py, weak propylitic alt minor lim, angular cobble in road	1.06	268.5	0.2	29.3	N.A.	N.A.	N.A.
BKWN-04	Rock	445740	6088999	as per BKWN-03	0.84	809.8	0.7	39.1	N.A.	N.A.	N.A.
BKWN-05	Rock	445702	6088999	lim rock, cobble from road	0.57	308.4	1.3	487.1	N.A.	N.A.	N.A.
BKWN-06	Rock	446556	6088281	selects of best vn, frac diss cpy with lim and mal/Az	1.11	4259.9	2.7	198.6	195	8	137
BKWN-07	Rock	446556	6088281	random chips of outcrop 3mx3m, propylitic alt diorite to granodiorite, vn diss and frac py-cpy epidote and qtz on frags and as vns	1.39	1093.2	0.6	35.1	36	<3	20
BKWN-08	Rock	446549	6088282	reps of best min, propylitic qtz bio int frac and minor diss cpy/mal/py	1.39	6191.9	6.7	234.4	256	14	160
BKWN-09	Rock	446549	6088282	rep grabs from area	0.84	2441.2	1.5	65.3	68	6	78
BKWN-10	Rock	446555	6088289	propylitic alt diorite with decent diss py-cpy (Select)	0.71	2129.8	1.5	73.1	N.A.	N.A.	N.A.
BKWN-11	Rock	446555	6088289	rep 1m chip sample of crumbly decomposed rock	1.16	591.2	0.6	32.4	N.A.	N.A.	N.A.
BKWN-12	Rock	446555	6088289	sample of crumbly decomposed rock lim	0.77	215.9	0.2	21.5	N.A.	N.A.	N.A.
BKWN-13	Rock	446561	6088296	select of best at below	0.82	7504.3	6.7	517.4	517	41	597
BKWN-14	Rock	446561	6088296	rep chips propylitic alt diorite mal-py-cpy diss and frac	0.79	2415.5	1.1	96.1	102	9	107
BKWN-15	Rock	446573	6088281	rep grabs from area as per everything else (upper pit and lower pit comprise the sample)	1.79	386.7	0.5	41.1	N.A.	N.A.	N.A.
BKWN-16	Rock	446584	6088270	rep grabs from pit leached poss clay alt qtz rich int and diss py poss cpy	1.2	389.7	0.4	26.7	N.A.	N.A.	N.A.
BKWN-17	Rock	446576	6088290	rep grabs from tree stump, poss subcrop fine qtz-bio int diss py	1.41	47.8	<0.1	9.8	N.A.	N.A.	N.A.
BKWN-18	Rock	446581	6088297	subcrop from old bulldozer road as above weakly foliated	1.51	188.5	0.2	23.4	N.A.	N.A.	N.A.
BKWN-19	Rock	446581	6088297	road ditch rubble weird qtz-calcite vn black material in vn fine qtz rich int with cpy-py diss propylitic alt	0.84	311.9	0.1	49.4	N.A.	N.A.	N.A.

## **Statement Of Qualifications**

I, Bernie Kreft, conducted and directed the exploration work described herein.

I have 32 years prospecting experience in the Yukon and BC.

This report is based on fieldwork conducted by Jarret Kreft, Justin Kreft and the author, and includes information from various publicly available assessment reports.

This report is based on fieldwork completed on July 15<sup>th</sup> 2021.

This report is based on fieldwork completed on the Windy Project, Fort Saint James area BC.

Respectfully Submitted,

---

Bernie Kreft

## Statement of Costs

Wages Justin Kreft (1.0 field day x \$350/day) July 15 <sup>th</sup> 2021	\$350.00
Wages Jarret Kreft (1.0 field day x \$350/day) July 15 <sup>th</sup> 2021	\$350.00
Wages Bernie Kreft (1.0 field day x \$500/day) July 15 <sup>th</sup> 2021	\$500.00
Bureau Veritas Analytical (19 rock samples)	\$566.83
Bureau Veritas Analytical (follow up Au-Pt-Pd analyses)	\$114.66
Report Writing and map making	\$2,100.00
Food, Field Supplies, Camp (3 people x 1 day x \$225/day)	\$675.00
Truck Travel 943.33 kilometres x \$0.85/km	\$801.83
2/3 day travel - wages for 3 people (wages as above)	\$800.00
2/3 day travel - food and hotel for 3 people (\$125/day/person)	\$250.00
<b>Sub Total</b>	\$6,508.32
5% Management Fee	\$325.42
<b>Total</b>	\$6,833.74



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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

**Client: Kreft, Bernie**

1 Locust Place

Whitehorse Yukon Y1A 5G9 Canada

Submitted By: Bernie Kreft  
Receiving Lab: Canada-Whitehorse  
Received: July 20, 2021  
Analysis Start: August 03, 2021  
Report Date: October 07, 2021  
Page: 1 of 3

## CERTIFICATE OF ANALYSIS

WHI21000235.2

### CLIENT JOB INFORMATION

Project: None Given  
Shipment ID:  
P.O. Number  
Number of Samples: 56

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT Dispose of Reject After 60 days

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

Invoice To: Kreft, Bernie  
1 Locust Place  
Whitehorse Yukon Y1A 5G9  
Canada

CC:

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	56	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ201	56	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	56	Per sample shipping charges for branch shipments			VAN
FA330	9	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN

### ADDITIONAL COMMENTS

Version 2: FA330 included.



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 Commodities Canada Ltd.

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**Client: Kreft, Bernie**  
1 Locust Place  
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given  
Report Date: October 07, 2021

Page: 2 of 3

Part: 1 of 3

# CERTIFICATE OF ANALYSIS

# WHI21000235.2

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01	
BKWN-01	Rock	0.57	0.7	52.1	25.1	70	0.2	15.2	12.5	263	2.15	7.6	0.4	18.4	4.6	30	0.3	0.3	<0.1	34	0.42
BKWN-02	Rock	0.82	2.2	122.5	1.3	11	<0.1	35.6	20.4	160	2.99	0.6	0.2	3.4	0.8	43	<0.1	0.6	0.2	44	0.43
BKWN-03	Rock	1.06	0.3	268.5	2.2	37	0.2	16.3	14.6	428	3.17	29.3	0.6	29.3	1.1	73	0.2	0.4	<0.1	63	1.13
BKWN-04	Rock	0.84	0.8	809.8	1.1	43	0.7	22.3	22.4	617	4.03	16.0	0.5	39.1	1.1	68	0.2	0.3	<0.1	87	0.76
BKWN-05	Rock	0.57	1.2	308.4	15.5	94	1.3	20.5	8.3	1758	4.53	17.1	<0.1	4871.0	1.0	40	1.8	0.5	0.1	16	0.64
BKWN-06	Rock	1.11	0.4	4259.9	0.8	36	2.7	26.4	16.0	185	1.56	26.8	0.1	198.6	0.7	63	0.4	0.9	<0.1	29	1.21
BKWN-07	Rock	1.39	0.6	1093.2	0.8	42	0.6	17.4	10.3	434	0.99	7.5	0.1	35.1	0.9	65	0.5	0.7	<0.1	31	1.66
BKWN-08	Rock	1.39	0.7	6191.9	1.7	114	6.7	45.6	20.8	243	2.51	21.4	0.3	234.4	1.2	116	2.7	2.1	0.3	42	1.16
BKWN-09	Rock	0.84	0.4	2441.2	0.7	59	1.5	17.9	8.5	213	0.88	7.8	0.3	65.3	1.3	59	1.3	0.8	<0.1	27	1.40
BKWN-10	Rock	0.71	0.5	2129.8	1.1	39	1.5	14.7	14.6	140	1.42	8.2	0.3	73.1	1.3	49	0.6	0.9	0.2	25	0.84
BKWN-11	Rock	1.16	1.0	591.2	1.2	33	0.6	13.9	15.2	226	1.66	7.6	0.2	32.4	1.2	49	0.3	0.8	0.2	35	0.61
BKWN-12	Rock	0.77	0.8	215.9	1.9	31	0.2	21.9	9.2	416	3.24	14.3	0.2	21.5	1.1	103	0.1	1.9	0.1	61	0.60
BKWN-13	Rock	0.82	0.5	7504.3	1.5	66	6.7	86.5	25.2	124	2.70	17.7	0.3	517.4	1.0	97	1.0	1.6	<0.1	37	0.82
BKWN-14	Rock	0.79	0.7	2415.5	0.7	35	1.1	26.9	12.9	236	1.15	4.7	0.2	96.1	1.3	51	0.4	0.8	<0.1	34	0.84
BKWN-15	Rock	1.79	0.4	386.7	1.0	30	0.5	11.9	12.2	300	1.51	5.0	0.2	41.1	2.2	50	0.1	0.9	<0.1	31	0.94
BKWN-16	Rock	1.20	0.4	389.7	1.3	19	0.4	11.0	9.3	262	1.58	3.7	0.2	26.7	1.6	66	0.1	0.9	0.1	34	0.60
BKWN-17	Rock	1.41	0.3	47.8	1.6	28	<0.1	23.9	9.4	319	2.80	3.4	0.2	9.8	1.9	85	0.2	1.5	<0.1	61	0.76
BKWN-18	Rock	1.51	0.3	188.5	2.1	13	0.2	15.1	14.5	141	2.93	7.3	0.2	23.4	1.5	78	<0.1	1.4	0.2	49	0.80
BKWN-19	Rock	0.84	0.4	311.9	1.1	12	0.1	22.3	12.2	249	1.85	10.9	0.1	49.4	1.3	78	0.1	1.2	<0.1	35	1.95
BTZR-01	Rock	1.35	55.1	180.4	1.7	25	0.7	16.3	7.1	139	2.96	5.3	1.0	4.3	2.3	11	<0.1	0.7	0.7	75	0.19
BTZR-02	Rock	0.98	166.4	310.5	2.0	41	0.4	21.6	22.9	330	4.03	5.5	1.7	7.6	2.7	15	0.2	1.7	0.5	92	0.23
BTZR-03	Rock	1.58	88.6	120.2	4.6	60	0.7	2.9	8.0	302	2.48	5.2	1.8	11.9	9.6	22	0.2	0.5	0.8	44	0.36
BTZR-04	Rock	1.40	74.4	87.6	2.6	38	0.3	1.5	6.3	228	1.43	2.0	1.4	2.5	11.1	21	0.2	0.4	0.3	36	0.32
BTZR-05	Rock	1.54	97.0	149.9	3.1	36	0.4	5.4	10.6	233	2.82	3.9	1.9	5.1	10.6	37	<0.1	1.2	0.5	61	0.44
BTZR-06	Rock	1.47	102.3	230.4	7.1	66	0.8	8.5	26.4	548	2.89	10.7	2.8	62.0	12.3	26	0.6	1.3	1.4	31	0.70
BTZR-07	Rock	0.99	40.9	56.5	5.5	42	0.4	1.6	4.2	496	2.39	8.9	1.7	66.3	9.8	152	0.3	1.4	0.8	20	9.45
BTZR-08	Rock	1.21	71.1	610.5	10.6	130	1.2	8.7	25.2	1007	3.40	17.8	4.2	56.7	12.2	24	1.4	1.5	1.7	36	0.35
BTZR-09	Rock	1.30	144.7	138.6	3.7	55	0.3	4.6	8.9	341	3.21	8.6	3.2	5.6	13.5	68	0.3	2.8	0.4	37	0.41
BTZR-10	Rock	1.34	56.0	353.2	19.2	326	9.2	27.9	34.4	1004	5.37	143.7	0.9	60.7	2.2	52	1.1	14.2	2.6	112	0.57
BTZR-11	Rock	0.87	30.2	684.8	24.9	326	8.6	44.3	20.8	954	6.53	2513.9	1.6	212.3	2.7	30	2.7	12.2	17.6	111	0.68



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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Kreft, Bernie**  
1 Locust Place  
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given  
Report Date: October 07, 2021

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Part: 2 of 3

# CERTIFICATE OF ANALYSIS

WHI21000235.2

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	FA330	FA330	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Pt	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb	ppb	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2	3	
BKWN-01	Rock	0.137	8	10	0.22	319	0.018	2	0.79	0.065	0.49	0.1	0.02	3.2	<0.1	0.19	2	<0.5	<0.2		
BKWN-02	Rock	0.104	2	32	0.42	150	0.135	2	0.79	0.055	0.22	0.1	<0.01	3.2	<0.1	0.33	2	3.5	<0.2		
BKWN-03	Rock	0.161	4	18	1.10	92	0.130	3	1.61	0.064	0.96	<0.1	0.02	3.2	0.1	0.92	4	0.5	<0.2		
BKWN-04	Rock	0.158	4	21	2.09	265	0.174	2	2.71	0.049	2.22	<0.1	0.02	3.7	0.3	0.39	6	<0.5	<0.2		
BKWN-05	Rock	0.065	8	5	0.20	168	0.003	5	0.46	0.005	0.21	0.3	0.03	6.9	<0.1	<0.05	1	<0.5	<0.2		
BKWN-06	Rock	0.118	3	24	0.57	172	0.147	4	0.92	0.070	0.53	<0.1	0.47	1.6	<0.1	0.58	3	2.3	<0.2	195	8
BKWN-07	Rock	0.134	4	42	0.60	172	0.151	3	0.87	0.055	0.50	0.2	0.09	2.7	<0.1	0.13	3	<0.5	<0.2	36	<3
BKWN-08	Rock	0.186	4	17	0.65	143	0.144	3	0.98	0.076	0.43	0.1	0.97	2.9	<0.1	0.80	3	2.8	0.3	256	14
BKWN-09	Rock	0.239	5	24	0.41	201	0.118	3	0.72	0.062	0.38	0.2	0.30	2.1	<0.1	0.27	2	0.5	<0.2	68	6
BKWN-10	Rock	0.123	3	11	0.40	152	0.083	3	0.68	0.071	0.35	0.1	0.20	2.1	<0.1	0.52	2	1.5	<0.2		
BKWN-11	Rock	0.150	3	22	0.61	173	0.100	3	0.99	0.071	0.45	0.1	0.09	2.4	<0.1	0.07	3	0.8	<0.2		
BKWN-12	Rock	0.140	4	27	0.79	203	0.167	3	1.23	0.056	0.54	0.2	0.03	2.1	<0.1	0.36	4	1.1	<0.2		
BKWN-13	Rock	0.191	5	11	0.52	155	0.171	3	0.91	0.067	0.35	0.1	0.58	3.4	<0.1	0.83	3	4.7	0.3	517	41
BKWN-14	Rock	0.172	6	22	0.58	188	0.143	4	0.88	0.048	0.39	0.1	0.11	3.6	<0.1	0.17	3	0.8	<0.2	102	9
BKWN-15	Rock	0.168	3	13	0.50	203	0.096	2	0.89	0.083	0.40	0.1	0.07	2.0	<0.1	0.22	3	1.6	<0.2		
BKWN-16	Rock	0.164	3	9	0.45	119	0.105	2	0.83	0.069	0.32	0.1	0.14	2.3	<0.1	0.23	3	0.6	<0.2		
BKWN-17	Rock	0.142	4	41	0.99	168	0.155	2	1.24	0.070	0.56	0.1	0.06	3.2	<0.1	0.56	5	<0.5	<0.2		
BKWN-18	Rock	0.162	3	10	0.49	93	0.121	3	0.94	0.051	0.49	0.2	0.08	2.5	0.1	1.63	3	1.3	<0.2		
BKWN-19	Rock	0.109	3	20	0.55	112	0.105	2	0.78	0.073	0.35	0.1	0.02	1.8	<0.1	1.22	3	1.4	<0.2		





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**Client:** **Kreft, Bernie**  
1 Locust Place  
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given  
Report Date: October 07, 2021

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Part: 3 of 3

# CERTIFICATE OF ANALYSIS

WHI21000235.2

Method	FA330
Analyte	Pd
Unit	ppb
MDL	2
BKWN-01	Rock
BKWN-02	Rock
BKWN-03	Rock
BKWN-04	Rock
BKWN-05	Rock
BKWN-06	Rock
BKWN-07	Rock
BKWN-08	Rock
BKWN-09	Rock
BKWN-10	Rock
BKWN-11	Rock
BKWN-12	Rock
BKWN-13	Rock
BKWN-14	Rock
BKWN-15	Rock
BKWN-16	Rock
BKWN-17	Rock
BKWN-18	Rock
BKWN-19	Rock



# QUALITY CONTROL REPORT

WHI21000235.2

Method	WGHT	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	1	0.01	
Pulp Duplicates																					
BKWN-01	Rock	0.57	0.7	52.1	25.1	70	0.2	15.2	12.5	263	2.15	7.6	0.4	18.4	4.6	30	0.3	0.3	<0.1	34	0.42
REP BKWN-01	QC		0.7	53.0	25.6	76	0.2	15.8	13.3	266	2.18	8.0	0.4	23.5	4.7	30	0.4	0.3	<0.1	36	0.42
BTZR-15	Rock	1.60	6.3	62.2	19.2	107	0.8	1.5	1.8	107	2.98	25.5	1.7	15.3	8.7	57	0.1	3.5	9.5	30	0.06
REP BTZR-15	QC		6.4	61.0	19.0	104	0.8	1.4	1.7	105	2.93	25.7	1.6	36.7	9.2	55	0.1	3.4	9.4	29	0.06
Core Reject Duplicates																					
BKWN-13	Rock	0.82	0.5	7504.3	1.5	66	6.7	86.5	25.2	124	2.70	17.7	0.3	517.4	1.0	97	1.0	1.6	<0.1	37	0.82
DUP BKWN-13	QC		0.4	7552.4	1.5	68	6.8	85.5	25.8	124	2.69	17.3	0.3	497.1	1.1	91	0.9	1.7	<0.1	36	0.81
BTZR-28	Rock	0.94	13.4	24.9	29.4	17	1.3	0.8	0.4	64	2.68	59.7	0.7	11.9	10.0	61	<0.1	1.5	3.7	18	0.02
DUP BTZR-28	QC		12.7	22.4	27.8	13	1.3	0.3	0.2	25	2.69	52.1	0.7	10.7	10.0	62	<0.1	1.5	3.7	17	0.01
Reference Materials																					
STD BVGEO01	Standard		11.0	4460.1	197.1	1776	2.8	165.2	26.0	768	3.96	125.2	4.0	226.2	15.2	61	6.5	4.0	27.2	77	1.32
STD DS11	Standard		15.1	146.9	138.6	354	1.7	80.5	14.8	1058	3.17	43.0	2.6	59.4	8.5	66	2.2	7.5	10.8	47	1.08
STD KO74421	Standard																				
STD OREAS262	Standard		0.7	115.6	58.2	156	0.5	64.1	29.9	552	3.31	35.7	1.2	54.6	10.3	36	0.6	4.0	0.9	21	3.07
STD OREAS262	Standard		0.6	113.9	56.8	152	0.5	63.6	27.5	545	3.33	37.8	1.2	75.8	9.5	36	0.7	6.3	1.0	21	2.99
STD PD05	Standard																				
STD DS11 Expected			14.6	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD BVGEO01 Expected			11.2	4415	187	1741	2.53	163	25	733	3.7	121	3.77	219	14.4	55	6.5	3.39	25.6	73	1.3219
STD OREAS262 Expected			0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	1.22	65	9.33	36	0.61	5.06	1.03	22.5	2.98
STD PD05 Expected																					
STD KO74421 Expected																					
BLK	Blank		<0.1	0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank		<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		0.7	2.7	0.9	28	<0.1	1.3	3.6	499	1.77	1.0	0.4	2.3	2.3	21	<0.1	<0.1	<0.1	24	0.61
ROCK-WHI	Prep Blank		0.6	2.0	0.9	26	<0.1	0.7	3.4	444	1.67	1.4	0.5	2.1	2.6	26	<0.1	0.1	<0.1	21	0.51



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**Client: Kreft, Bernie**  
1 Locust Place  
Whitehorse Yukon Y1A 5G9 Canada

Project: None Given  
Report Date: October 07, 2021

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# QUALITY CONTROL REPORT

## WHI21000235.2

Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	FA330	FA330
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Pt
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb	ppb
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2	3
Pulp Duplicates																				
BKWN-01	Rock	0.137	8	10	0.22	319	0.018	2	0.79	0.065	0.49	0.1	0.02	3.2	<0.1	0.19	2	<0.5	<0.2	
REP BKWN-01	QC	0.146	9	11	0.22	322	0.018	3	0.82	0.071	0.51	<0.1	0.02	2.9	<0.1	0.20	3	<0.5	<0.2	
BTZR-15	Rock	0.095	37	3	0.07	203	0.005	1	0.54	0.074	0.22	0.3	0.01	1.0	0.2	0.20	4	<0.5	0.2	
REP BTZR-15	QC	0.093	35	2	0.07	195	0.005	1	0.54	0.073	0.21	0.2	0.01	0.9	0.2	0.20	3	0.8	<0.2	
Core Reject Duplicates																				
BKWN-13	Rock	0.191	5	11	0.52	155	0.171	3	0.91	0.067	0.35	0.1	0.58	3.4	<0.1	0.83	3	4.7	0.3	517 41
DUP BKWN-13	QC	0.177	5	11	0.52	146	0.165	3	0.89	0.066	0.35	0.2	0.63	3.0	<0.1	0.82	3	4.4	0.3	
BTZR-28	Rock	0.044	15	3	0.05	263	0.003	<1	0.35	0.076	0.31	0.2	0.03	0.7	0.2	0.48	5	1.5	0.7	
DUP BTZR-28	QC	0.044	16	2	0.05	262	0.003	1	0.34	0.079	0.32	0.2	0.02	0.7	0.1	0.48	5	1.1	0.8	
Reference Materials																				
STD BVGEO01	Standard	0.075	28	195	1.34	297	0.241	6	2.38	0.198	0.88	5.7	0.10	6.0	0.7	0.65	8	4.9	1.1	
STD DS11	Standard	0.069	19	61	0.86	374	0.096	7	1.20	0.078	0.40	2.8	0.26	3.5	4.7	0.27	5	2.4	4.5	
STD KO74421	Standard																			517 460
STD OREAS262	Standard	0.039	18	44	1.20	254	0.003	4	1.38	0.072	0.33	0.1	0.16	3.2	0.5	0.25	4	<0.5	0.3	
STD OREAS262	Standard	0.039	17	44	1.17	253	0.002	3	1.35	0.069	0.31	0.2	0.16	3.2	0.5	0.25	4	<0.5	0.3	
STD PD05	Standard																			522 444
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	0.26	3.4	4.9	0.2835	5.1	2.2	4.56	
STD BVGEO01 Expected		0.0727	25.9	187	1.2963	260	0.233	3.8	2.347	0.1924	0.89	5.3	0.1	5.97	0.62	0.6655	7.37	4.84	1.02	
STD OREAS262 Expected		0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.312	0.2	0.17	3.24	0.47	0.253	4.1	0.4	0.23	
STD PD05 Expected																				519 430
STD KO74421 Expected																				518 459
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			<2 <3
Prep Wash																				
ROCK-WHI	Prep Blank	0.040	7	5	0.52	49	0.081	1	0.90	0.103	0.09	<0.1	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2	
ROCK-WHI	Prep Blank	0.038	7	4	0.42	57	0.085	2	0.79	0.101	0.09	<0.1	<0.01	3.0	<0.1	<0.05	4	<0.5	<0.2	



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**Client:** **Kreft, Bernie**  
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Project: None Given  
Report Date: October 07, 2021

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# QUALITY CONTROL REPORT

WHI21000235.2

Method	FA330
Analyte	Pd
Unit	ppb
MDL	2
Pulp Duplicates	
BKWN-01 Rock	
REP BKWN-01 QC	
BTZR-15 Rock	
REP BTZR-15 QC	
Core Reject Duplicates	
BKWN-13 Rock	597
DUP BKWN-13 QC	
BTZR-28 Rock	
DUP BTZR-28 QC	
Reference Materials	
STD BVGEO01 Standard	
STD DS11 Standard	
STD KO74421 Standard	484
STD OREAS262 Standard	
STD OREAS262 Standard	
STD PD05 Standard	629
STD DS11 Expected	
STD BVGEO01 Expected	
STD OREAS262 Expected	
STD PD05 Expected	596
STD KO74421 Expected	466
BLK Blank	
BLK Blank	
BLK Blank	2
Prep Wash	
ROCK-WHI Prep Blank	
ROCK-WHI Prep Blank	