Lithogeochemical Review

of the

Red Pony Project

Prepared for

Red Pony Exploration Ltd.

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Table of Contents

Appendices

Figures

Tables

1 Summary

The Red Pony project is a 28 x 6 km claim block in the Revelstoke and Slocan mining divisions, ~50 km south of Revelstoke, BC, and wholly owned by Red Pony Exploration Ltd. The property is situated in the Lardeau district, where widespread polymetallic Ag-Pb-Zn ± Au-Cu mineralization as a of variety veins and carbonate replacement styles has driven over a century of exploration and mining, intensifying in the late 19th century. See Fyles and Eastwood (1962) for a discussion of historic exploration and mining in the area.

This report demonstrates major lithogeochemical relationships on the Red Pony project, with the aim of informing future exploration efforts and being of use in generating a property-wide ore genesis understanding. The relationships are used to subdivide property zones into groups with similar lithogeochemistry to better isolate the various geochemical fingerprints of mineralization across the property.

Six subzone groups were identified as follows:

- **Ag-Pb-Zn ± Au-Cu** (Black Warrior 2, Center 2, Ophir Lade 1)
- **Ag-Pb-Zn-Cu-Sn** (Badshot)
- **Ag-Pb-Zn ± Cu** (Revelstoke)
- **Cu-Ag** (Center 3)
- **Au** (Ophir Lade 2)
- Minor Ag-Pb-Zn (Black Warrior 1, Center 1, Ophir Lade 3)

Additionally, recently compiled historical data was used to generate more complete lithology, outcrop, and structure information which can be used in future mapping efforts.

A review of the setting and style of known mineralization compliments the geochemical interpretations presented here and provides property-scale guiding principles for future exploration. A manto-style carbonate replacement model is a good starting point, and the influence of local intrusive activity should be considered further.

2 Geological Overview

See Fyles and Eastwood (1962), Read, (1976), Logan and Colpron,(2006), Fingler and Turner (2010), and Lane (2019) for extended summaries of relevant geology. The following is largely adapted from these works.

The Red Pony project is underlain by an overall conformable pericratonic sequence of chemical and siliciclastic sedimentary rocks with subordinate mafic volcanics, collectively belonging to the Kootenay Arc within the Omineca Belt in southern British Columbia (Figure 1). In the project area, Neoproterozoic to lower Cambrian quartzites (Hammill Group) and mixed phyllites, micaceous quartzites, and limestones (Mohican / Marsh Adams Formations) are overlain by the Cambrian to Devonian Lardeau Group, including (from oldest to youngest):

- The Index Formation – Dark fine-grained siliceous argillites, phyllites, schists, with minor limestone and rare mafic volcanics and sandstone
- The Triune Formation – Dark siliceous argillite
- Ajax Formation – Sandstone
- Sharon Creek Formation – Siltstone and fine sandstone
- The Jowett Formation [early Ordovician?]– Rift-associated alkaline mafic volcanic sequence including pillow basalts, tuffs, breccias, and locally metamorphosed and to greenschist-facies.
- The Broadview Formation – Medium- to coarse-grained variably dark sandstones phyllites, and minor pebble conglomerates and pyroclastics.

Efforts to refine the ages of Lardeau Group formations have been hindered by a lack of recoverable microfossils and unclear biostratigraphy.

Between the Lardeau Group and the Proterozoic siliciclastic units is a thick limestone bed (late Early Cambrian) called the Badshot Formation which serves as an important regional marker unit, historically known as the 'Lime Dyke'.

Collectively these rocks trend northwest, dip steeply but generally to the southwest, and generally young to the southwest. They are intensely deformed (including isoclinal folding) but are overall weakly metamorphosed. The intense deformation has led to likely repeated strata, including known prospective horizons, and led some workers to term the area the Lardeau shear zone (Smith and Gehrels, 1992). North of the Red Pony area, the Lardeau Group conformably overlies the Badshot Formation (Logan and Colpron, 2006), but here the contact appears to be commonly faulted as seen in the mineralization described below.

In additional to small mafic to felsic dikes, important regional intrusive rocks include the 800 km^2 biotite ± muscovite ± hornblende granodioritic Battle Range Batholith of Cretaceous age which intrudes the property stratigraphy ~6 km to the north and is part of a >450 km arcuate trend of Cretaceous granodioritic intrusions (Logan, 2001).

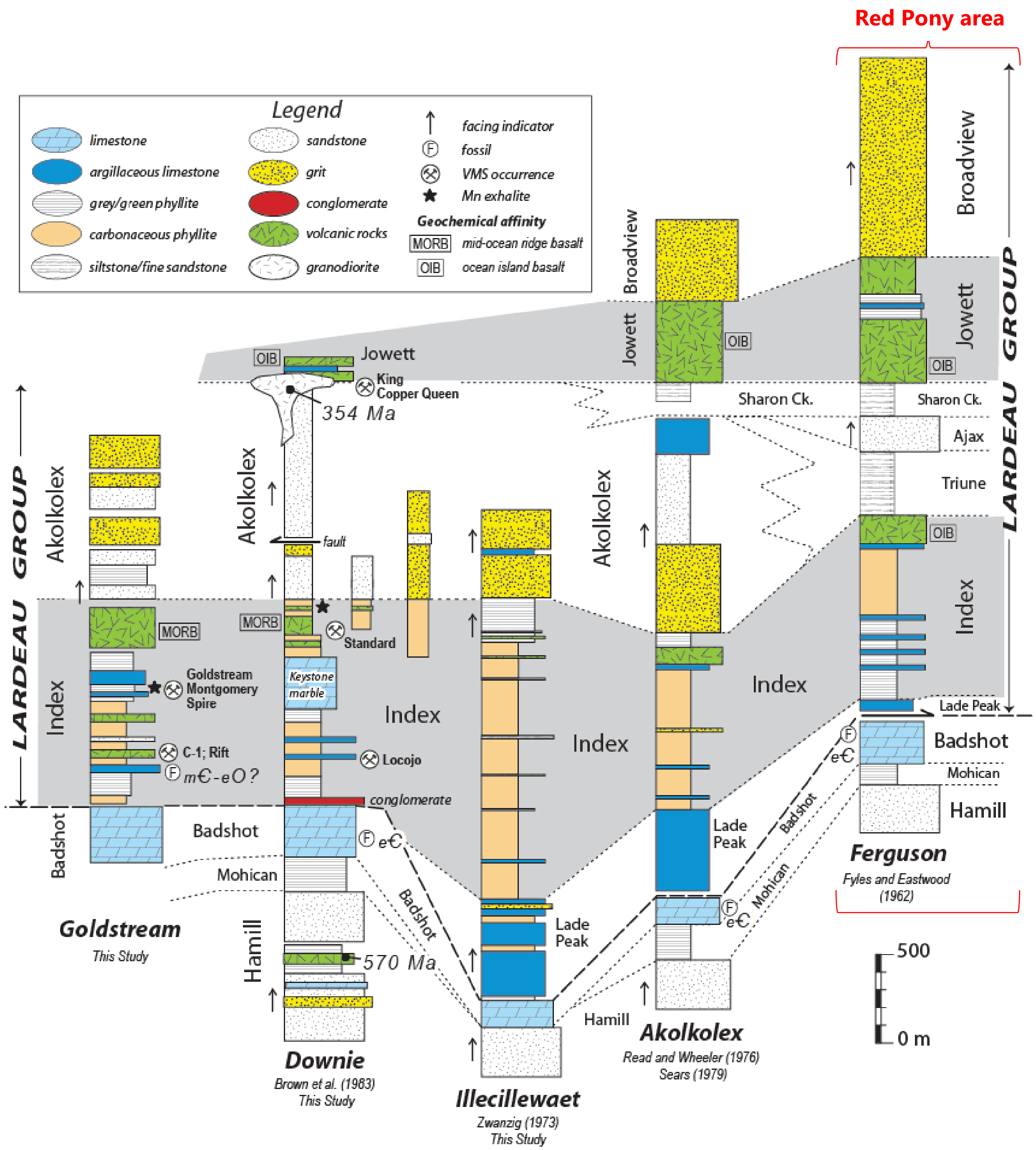


Figure 1. Composite stratigraphic sections for the northern Selkirk Mountains, and the Red Pony Area ('Ferguson'; from Logan and Colpron, 2006).

3 Data Treatment and Preparation

Before undertaking geochemical data interpretation, the project's existing data compilation (originally compiled by Tripoint Geological Services Ltd. in 2021) was adjusted in the following ways.

First, Au values listed as -5555000 ppb were changed to simply -100 ppb (the negative sign indicating some unquantified value below the given limit of detection), affecting two barren quartz veins listed as 'trace' oz/ton Au from the 1980 Sasko-Wainwright Oil and Gas Company Ltd. campaign (Netolitzky, 1980). Additionally, five samples of bulk sediment from the 2010 Mineral Mountain Resources Ltd. campaign (Kilby, 2011) were removed because they were not rocks (or reliable approximations of such).

New lithology and outcrop type fields were then populated. When available in the database already, these values were used. Otherwise, fields were populated based on sample descriptions (Tables 1 and 2). This was a crucial step to give context to assay data.

Sample descriptions were additionally read to gather any overlooked structural information, including the presence of veins, veinlets, stockworks, breccias, faults, folds, etc. Only a handful of these were found to also have orientation measurements, and these were added to an existing structural information compilation. Structural observations, regardless of measurements, where added to an additional field. These lithology, outcrop, and structure fields are available in Appendix 1.

Samples were then filtered for only those within the current Red Pony project. This resulted in 598 samples, of which 389 have assays available. All assays have at least Au concentrations, but a variable list of other elements.

Finally, concentrations below the limit of detection (LOD) were given a value of ½ LOD. Note that assay method differences were not considered here, and so a single element could have samples with different replacement values depending on different LOD from different campaigns. Importantly, elements may be liberated with different efficiency depending on the digestion method, with analysis methods overall variable well-suited for different elements. Among samples in which a given element was measured, the percentage of values replaced is shown in Table 3.

Table 1. Summary outcrop types based on sample descriptions and field data.

Outcrop Type	Comment	#	Outcrop Type	Comment	#
DUMP	Waste dump	7	**TAIL**	Tailings	3
FL	Float	265	**TAL**	Talus	13
OC	Outcrop	196	**TRN**	Trench	4
SC	Subcrop	39	**UNK**	Unknown	71

Table 2. Summary lithologies based on sample descriptions and field data.

Lith Type	Comment	#	Lith Type	Comment	#
ARG	Argillite	78	**SCH**	Schist	26
DOL	Dolomite	8	**SHL**	Shale	1
DUMP	Waste dump	4	**SID**	Siderite	2
INT	Intrusive	3	**SNST**	Sandstone	4
LMST	Limestone	172	**SULF**	Sulfide	19
PGV	Pegmatite vein	1	**TAIL**	Tailings	3
PHY	Phyllite	45	**UNK**	Unknown	42
QTZT	Quartzite	6	**VN**	Vein	3
QV	Quartz ± carbonate vein	169	**VOL**	Volcanic	12

Table 3. Number of assays and percentage of replaced <LOD values for each element.

Element	# Assays	% Replaced	Element	# Assays	% Replaced	Element	# Assays	% Replaced
Au	389	26	**Hf**	264	74.7	**S**	328	46.1
Ag	384	28.1	**Hg**	9	0	**Sb**	360	25.9
Al	360	0.6	**In**	9	0	**Sc**	328	49.4
As	360	34.2	**K**	343	2.9	**Se**	9	33.3
B	15	0	**La**	360	28.9	**Sn**	281	37.4
Ba	354	4.8	**Li**	264	8	**Sr**	360	2.5
Be	334	89.8	**Mg**	354	5.4	**Ta**	264	87.4
Bi	360	6.4	**Mn**	360	0	**Te**	9	55.6
Ca	360	1.7	**Mo**	360	40.5	**Th**	343	54.9
Cd	363	30.9	**Na**	360	26.7	**Ti**	360	14.2
Ce	264	43.2	**Nb**	264	54.6	**Tl**	73	93.2
Co	360	30.6	**Ni**	360	10.3	**U**	360	31.1
Cr	360	10	**P**	360	15	**V**	360	41.1
Cs	9	22.2	**Pb**	367	0.6	**W**	360	70.2
Cu	363	1.7	**Pd**	43	95.3	**Y**	281	14.3
Fe	360	0.3	**Pt**	43	67.4	**Zn**	367	2.2
Ga	73	58.9	**Rb**	264	2.3	**Zr**	264	8
Ge	9	11.1	**Re**	9	100			

4 Zone Definitions

Samples were initially grouped based on their spatial relationship to the target zones shown in recent Red Pony Exploration Ltd. corporate presentations, yielding five zones (Figure 2). These groups were then subject to a detailed geochemical investigation, and subdivided when appropriate on the basis of similar grade and geochemical character. The resulting ten subzones are tallied in Table 4. Note that samples without available assays were not possible to subdivide in this manner.

Table 4. Geochemical subzones and their total number of samples.

Subzone	#
Badshot	46
Black Warrior 1	12
Black Warrior 2	66
Center 1	33
Center 2	71
Center 3	13
Ophir Lade 1	11
Ophir Lade 2	31
Ophir Lade 3	35
Revelstoke	71
No Assays	*209*

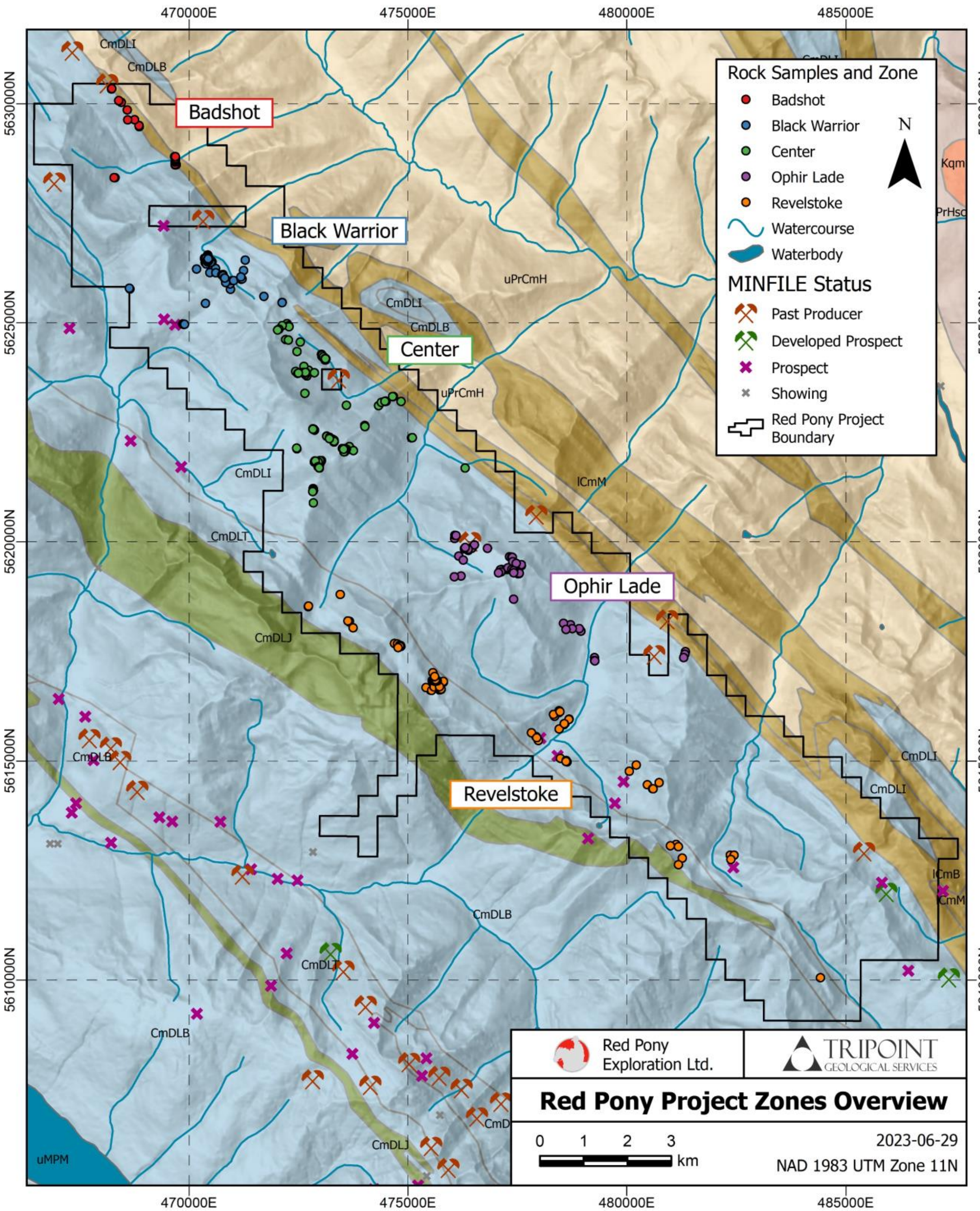


Figure 2. Overview map showing Red Pony rock samples and corresponding zones. Geology is taken from Cui et al. (2019). The Lardeau Group is in blue and green, the Hammill Group is in brown, and the Badshot Formation runs between them.

4.1 Geochemical Subzone Grouping Summaries

The property subzones are shown grouped according to similar geochemical signatures in Table 5 and elaborated upon in the following sections.

Generalized property-wide elemental associations seen in the dataset include:

Ag with Sb-Pb

Pb with Ag-Sb ± Zn-Cd

Zn with Cd ± Ag-Pb-Cu-Sb

Cu with Ag-Pb-Zn-Au-Sb ± Cd (excluding the Center 3 group)

Au with As-Bi-Ag-Sb ± Pb-Zn-Cu-Cd

Table 5. Subzones grouped by geochemical similarity with notable upper concentrations shown. Characteristic enrichments (or lack thereof) are emphasized.

Subzone	#	Lithologies*	Ag (g/t)	Pb (%)	Zn (%)	Au (g/t)	Cu (%)	Cd (ppm)	Co (ppm)	Bi (ppm)	As (ppm)	Sb (ppm)	Mn (%)	Sn (ppm)
Black Warrior 2	66	QV, LMST, SULF, VN, UNK	**<5500**	**<75**	**<25**	**<10**	**<7**	**<3500**	<50	**<20**	**<1000**	**<8000**	<0.1	**<200**
Center 2	71	QV, LMST, SID, SULF, UNK	**<12,000**	**<25**	**<40**	**<12**	**<11**	**<5500**	<70	<2	**<750**	**<15000**	**<1.5**	**<200**
Ophir Lade 1	11	Various (QV, DUMP, UNK, etc.)	**<300**	**<10**	**<15**	**<1**	<0.2	**<1000**	1–20	1–3	**<1300**	**<300**	**<1**	<50
Badshot	46	QV, LMST, DOL, PHY, ARG	**<2000**	**<75**	**<25**	<0.01	**<0.4**	**<2000**	<20	0.5–10	<400	**<1600**	**<2**	**<3500**
Revelstoke	113	Various (QV, LMST, SULF, INT, UNK, etc.)	**<500**	**<50**	**<16**	<0.1	**<0.5**	<200	1–100	<10	<100	**<500**	**<2.3**	<5
Center 3	13	SCH, PHY, QTZT	**<65**	<0.03	<0.05	<0.2	**<17**	<2	<30	<1	<40	<10	<0.1	<10
Ophir Lade 2	26	QV, PHY	<2	<0.02	<0.005	**<3.9**	<0.03	<2	**<150**	**<400**	**<1000**	<5	<0.25	<10
Black Warrior 1	12	ARG, PHY, SCH	<7	<0.1	<1	<0.1	<0.05	<100	<100	<3	<100	<10	<0.15	<5
Center 1	33	ARG, PHY, SCH	**<30**	<0.6	<0.5	<0.1	<0.05	<100	<25	<5	<100	<35	<0.2	<25
Ophir Lade 3	35	QV, PHY, SCH, ARG, INT	<2	<0.05	<0.04	<0.01	<0.02	<5	<30	<30	<40	<15	<0.5	<10

* *See Table 2.*

4.1.1 Black Warrior 2, Center 2, Ophir Lade 1 (Ag-Pb-Zn ± Au-Cu)

This group is defined by strong Ag-Pb-Zn mineralization with variable but present Au-Cu (Figure 3). Notable associated elements are Cd-As-Sb ±Mn-Sn (Table 6). Varied lithologies in this group most typically include (quartz ± carbonate) veins and limestone. The Au-Cu mineralization is best developed in Black Warrior 2 and Center 2. Grades are overall higher in mineralized quartz vein samples than limestone samples, but high- and low-grade examples of both lithologies are present along a similar geochemical co-enrichment trend which suggests a common mineralizing process (or homogenized superposition of processes). In general, the subset of samples forming the more southwesterly trend has a higher Pb/Ag ratio than the 'main' trend but is otherwise similar.

Table 6. Stronger and weaker co-enrichments of associated elements for a given ore metal in the Black Warrior 2, Center 2, Ophir Lade 1 subgroup.

Ore Metal	Stronger	Weaker
Ag	Pb-Zn-Cu-Cd-Au-Sb	Sn-As-Bi
Pb	Ag-Zn-Cd-Sb	Sn-As-Bi-Au-Cu
Zn	Ag-Pb-Cu-Cd-Au-Sb	Sn-As-Bi-Fe
Au	Ag-As-Sb-Sn	Pb-Zn-Cu-Bi-Cd
Cu	Ag-Zn-Cd-Sb	Pb-As-Bi-Sn-Fe-Au

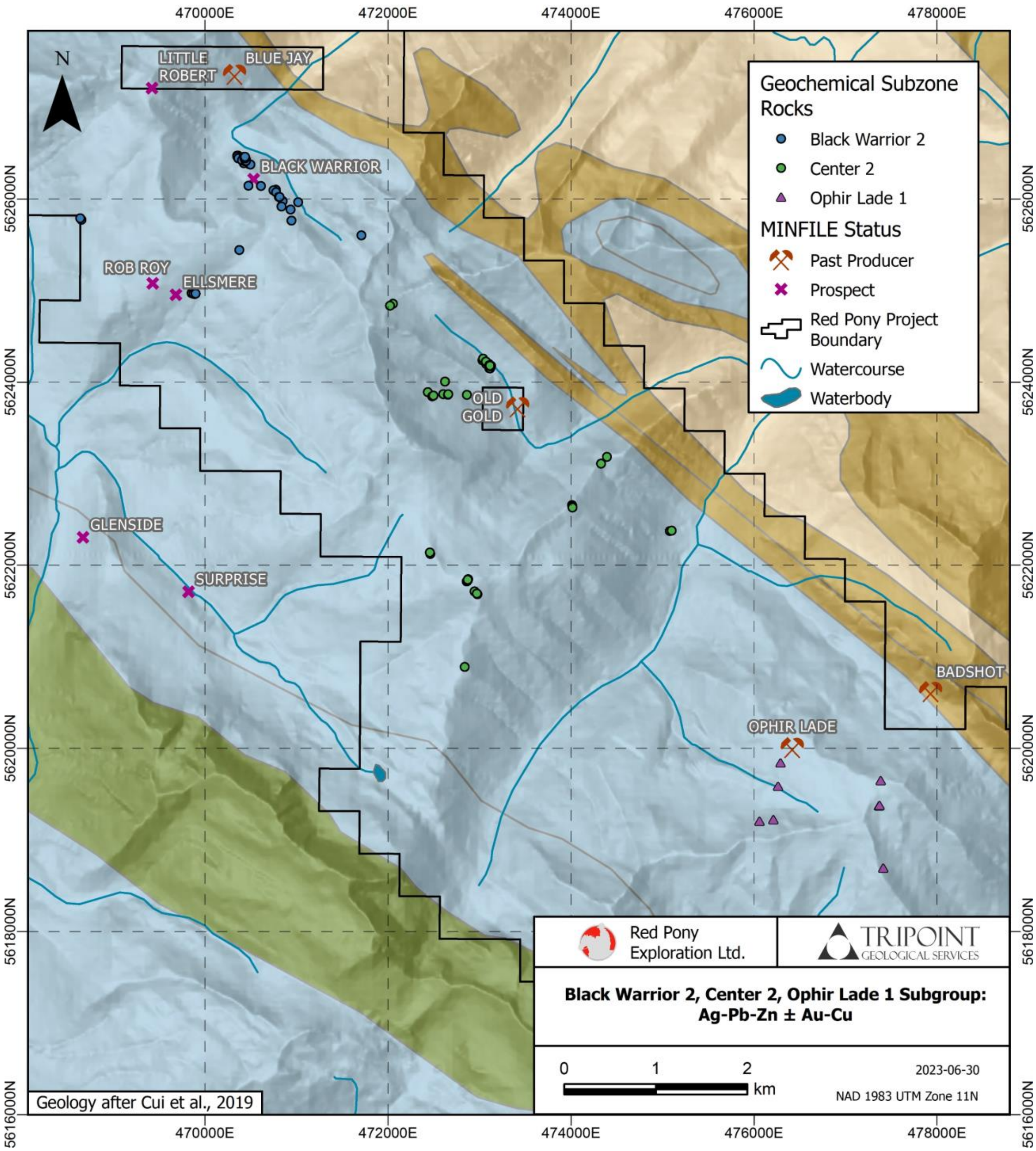


Figure 3. Locations of rock samples (float included) from the Black Warrior 2, Center 2, Ophir Lade 1 grouping.

4.1.2 Badshot (Ag-Pb-Zn-Cu-Sn)

This zone's most notable geochemical feature is strong Sn enrichment in addition to the Ag-Pb-Zn-Cu ore metal suite with associated Cd-Sb-Mn (Figure 4; Table 7). There is no appreciable Au, which may be related to the overall low As. Compared to other groupings (except Revelstoke), there is relatively high Mn in limestone/dolomite, and two samples have >100 ppm W. The lithologies include limestone/dolomite, quartz veins, and phyllite/argillite, and veins and dolomite are typically the best-mineralized among these.

Table 7. Stronger and weaker co-enrichments of associated elements for a given ore metal in the Badshot group.

Ore Metal	Stronger	Weaker
Ag	Pb-Zn-Cu-Cd-Sn-Bi-Sb	
Pb	Ag-Zn-Cu-Sn-Cd-Sb	Bi-Au
Zn	Pb-Cd	Ag-Au-Zn-Sb-Sn
Cu	Ag-Sn-Sb	Pb-Zn-Bi
Sn	Ag-Cu-Pb-Sb	Zn-Cd-Bi

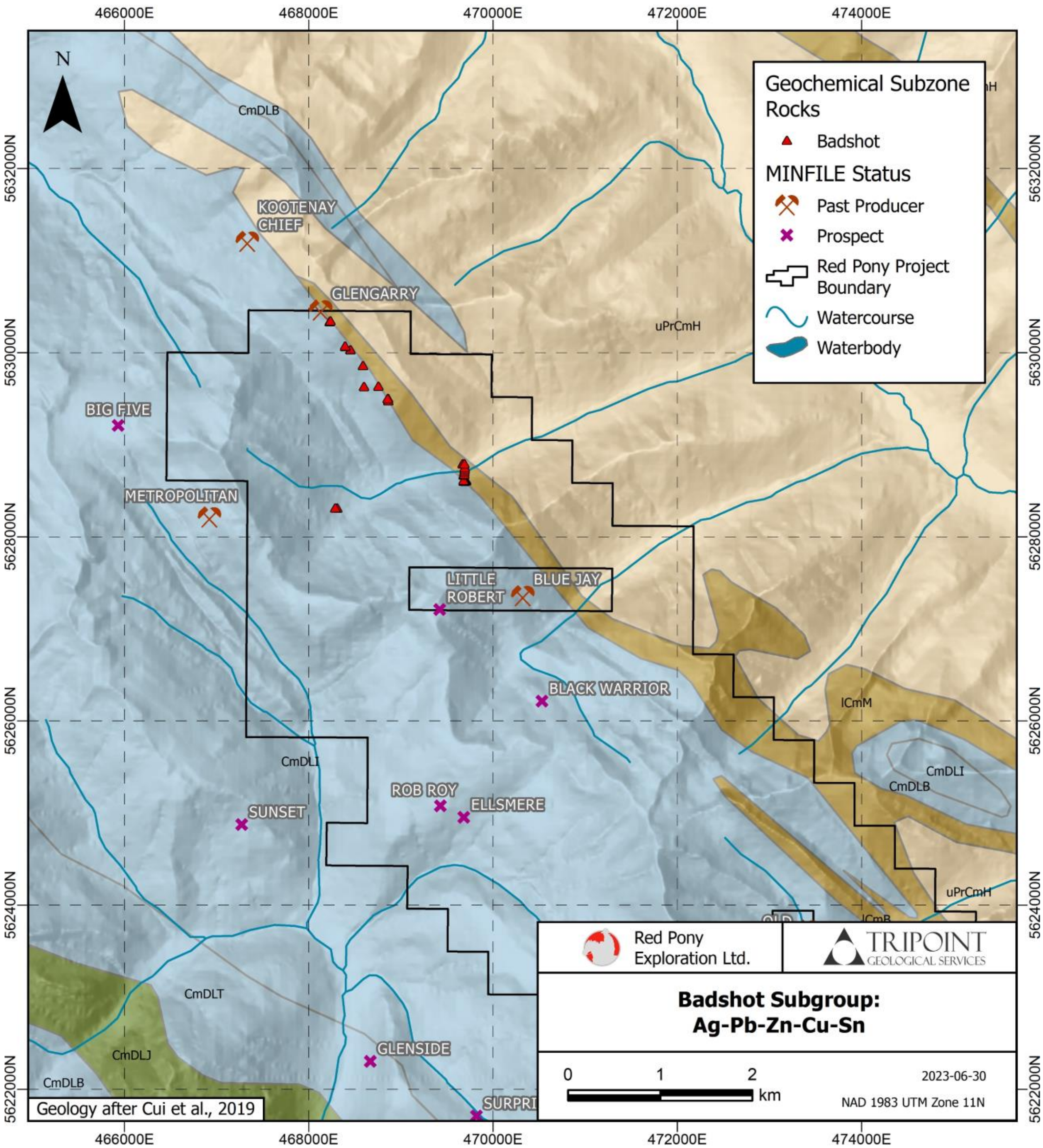


Figure 4. Locations of rock samples (float included) from the Badshot grouping.

4.1.3 Revelstoke (Ag-Pb-Zn ± Cu)

Along the long Revelstoke group there is a coherent geochemical signature involving Ag-Pb-Zn mineralization with associated Mn-As-Sb-U (Table 8; Figure 5). The best mineralization is limestone-hosted, and siliciclastic rocks and quartz veins are typically weakly mineralized at best and often barren; there is some Ag-only mineralization in argillite ± limestone, and some limestones have high Pb-Ag without Zn-Cu. The Revelstoke trend has the highest Mn enrichment (>2% Mn) on the property, which is related to Pb ± Zn mineralization and Fe co-enrichment in limestones (likely Mn-Fe carbonates).

Table 8. Stronger and weaker co-enrichments of associated elements for a given ore metal in the Revelstoke group.

Ore Metal	Stronger	Weaker
Ag	Pb-Au-Sb	Cu-Zn-Cd-Ba-Fe-Mn
Pb	Ag-Au-Mn	Zn-Cu-Cd-Co-As-Fe
Zn	Cu-Cd	Pb-Ag-Au-Co-Mn-Ni

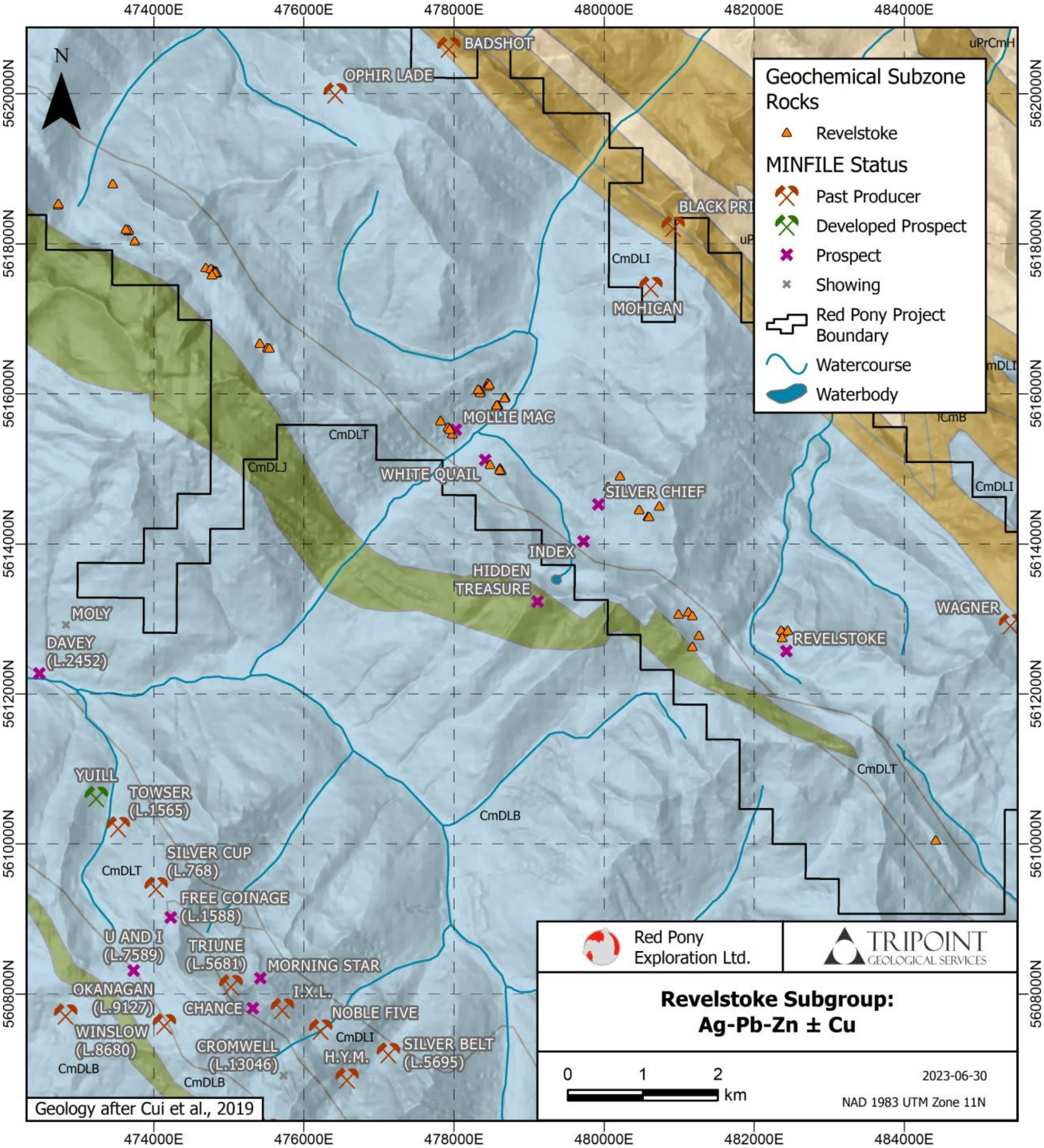


Figure 5. Locations of rock samples (float included) from the Revelstoke grouping.

4.1.4 Center 3 (Cu-Ag)

Here Cu-Ag mineralization occurs as malachite (± 'black sulfide') staining along layers within schist/phyllite/quartzite (Table 9; Figure 6). Notably only one of the Ag-bearing samples (a phyllite) also had high Sb.

Table 9. Stronger and weaker co-enrichments of associated elements for a given ore metal in the Center 3 group.

Ore Metal	Stronger	Weaker
Cu	Ag-Au-Fe-Ni-Co	
Ag	Cu-Au-Fe-Ni-Co	

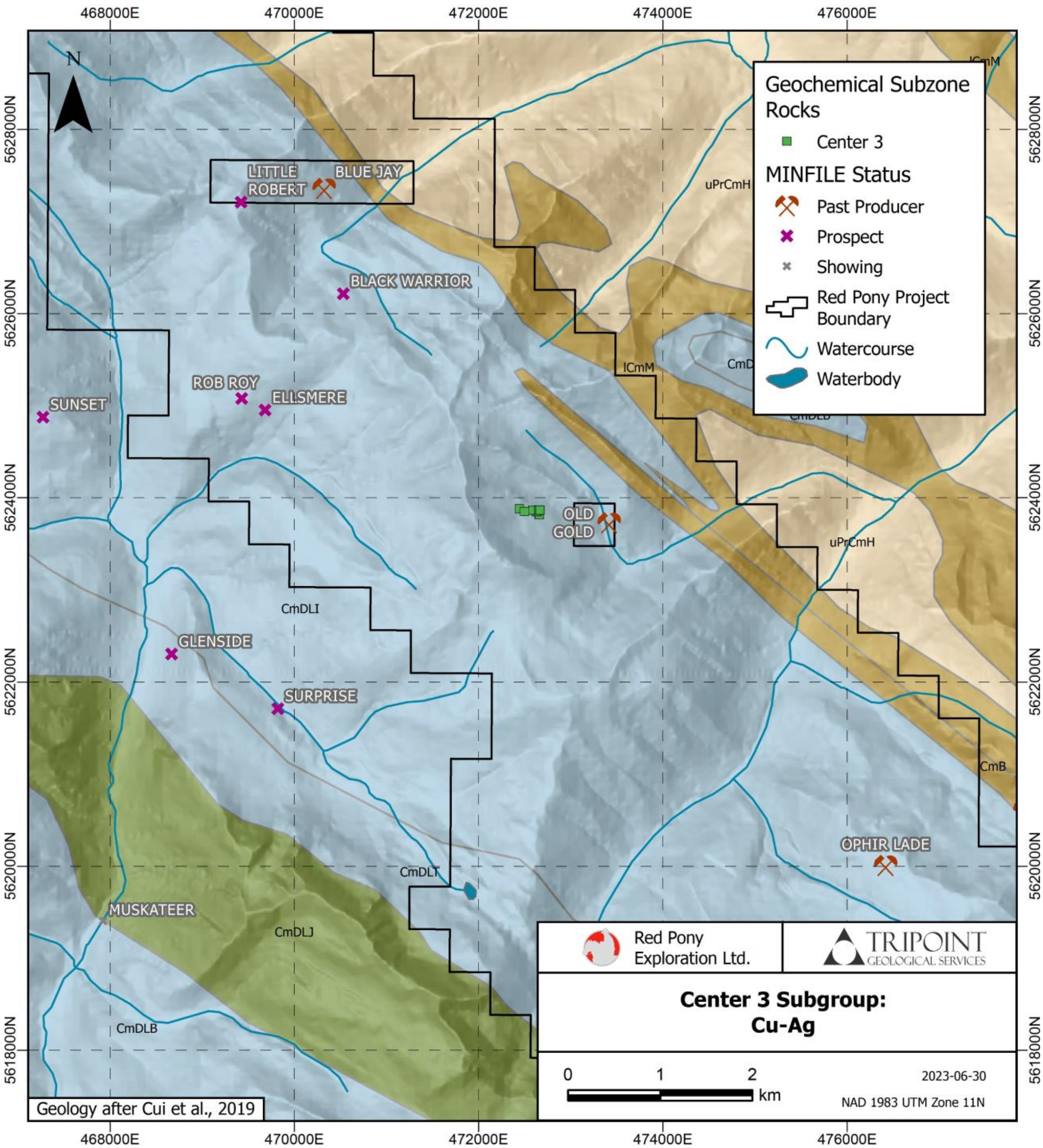


Figure 6. Locations of rock samples (float included) from the Center 3 grouping.

4.1.5 Ophir Lade 2 (Au)

This group represents the notable occurrence of Au-Bi-As ± Co in phyllite/schist-hosted quartz-pyrite veins (Table 10; Figure 7). This is a distinct mineralization style and geochemical fingerprint compared to the other zones. Here, the best-enriched of the more widespread Ag-Pb-Zn-Cu suite is Ag at ≤5 g/t. Tellurides are reportedly observed in association with Au, but very few assays included Te (Table 3).

Table 10. Stronger and weaker co-enrichments of associated elements for a given ore metal in the Ophir Lade 2 group.

Ore Metal	Stronger	Weaker
Au	Ag-As-Co-Bi	

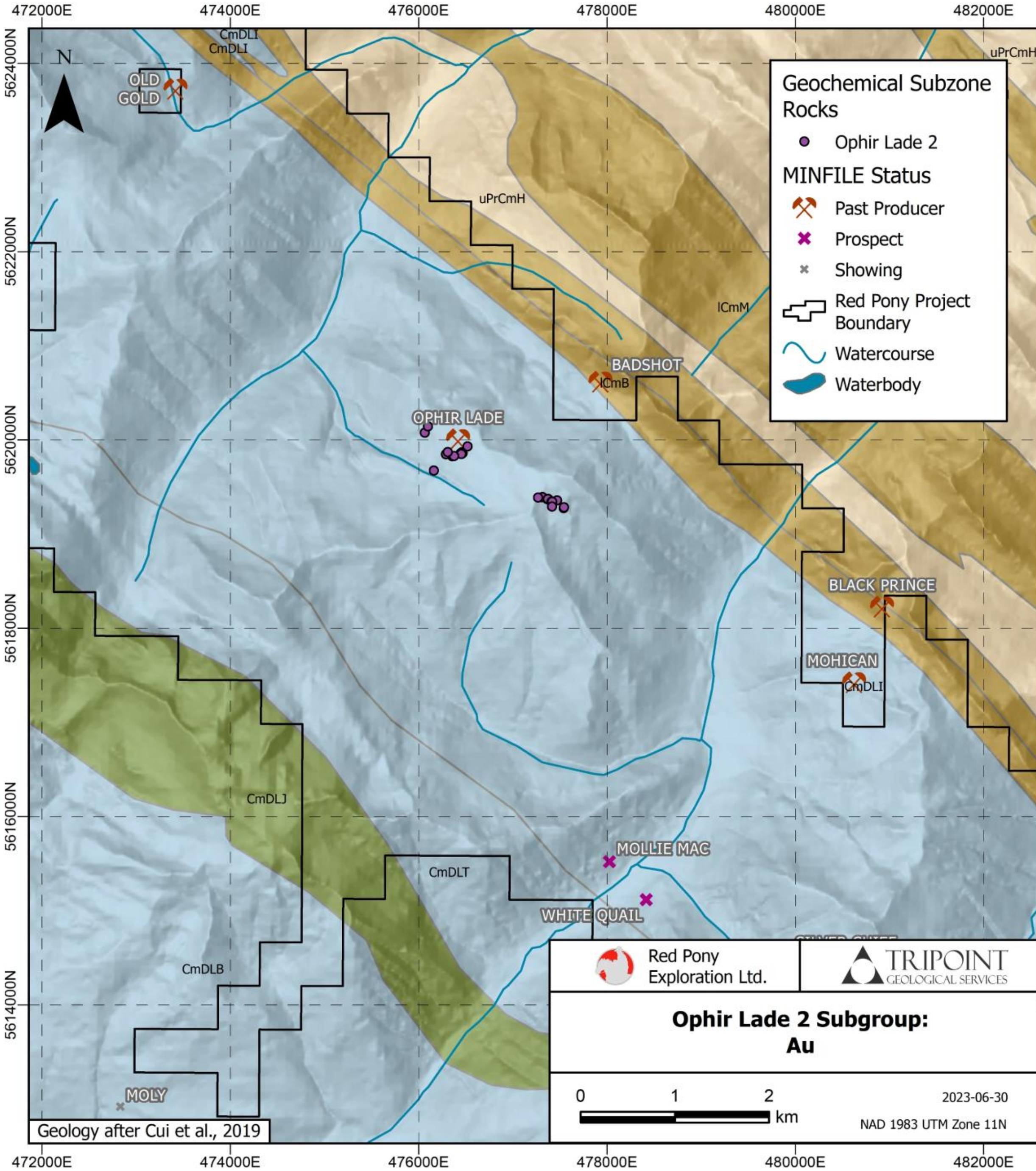


Figure 7. Locations of rock samples (float included) from the Ophir Lade 2 grouping.

4.1.6 Black Warrior 1, Center 1, Ophir Lade 3 (minor Ag-Pb-Zn)

Mostly unmineralized, weakly metamorphosed fine grained siliciclastic rocks and barren quartz veins (Table 11; Figure 8). Minor Ag-Pb-Sb and Zn-Cd within argillites/schists.

Table 11. Stronger and weaker co-enrichments of associated elements for a given ore metal in the Black Warrior 1, Center 1, Ophir Lade 3 group.

Ore Metal	Stronger	Weaker
Ag	Pb-Sb	Zn-Cd-Sn
Pb	Ag-Sn	Sb
Zn	Cd-Cu-Ni	

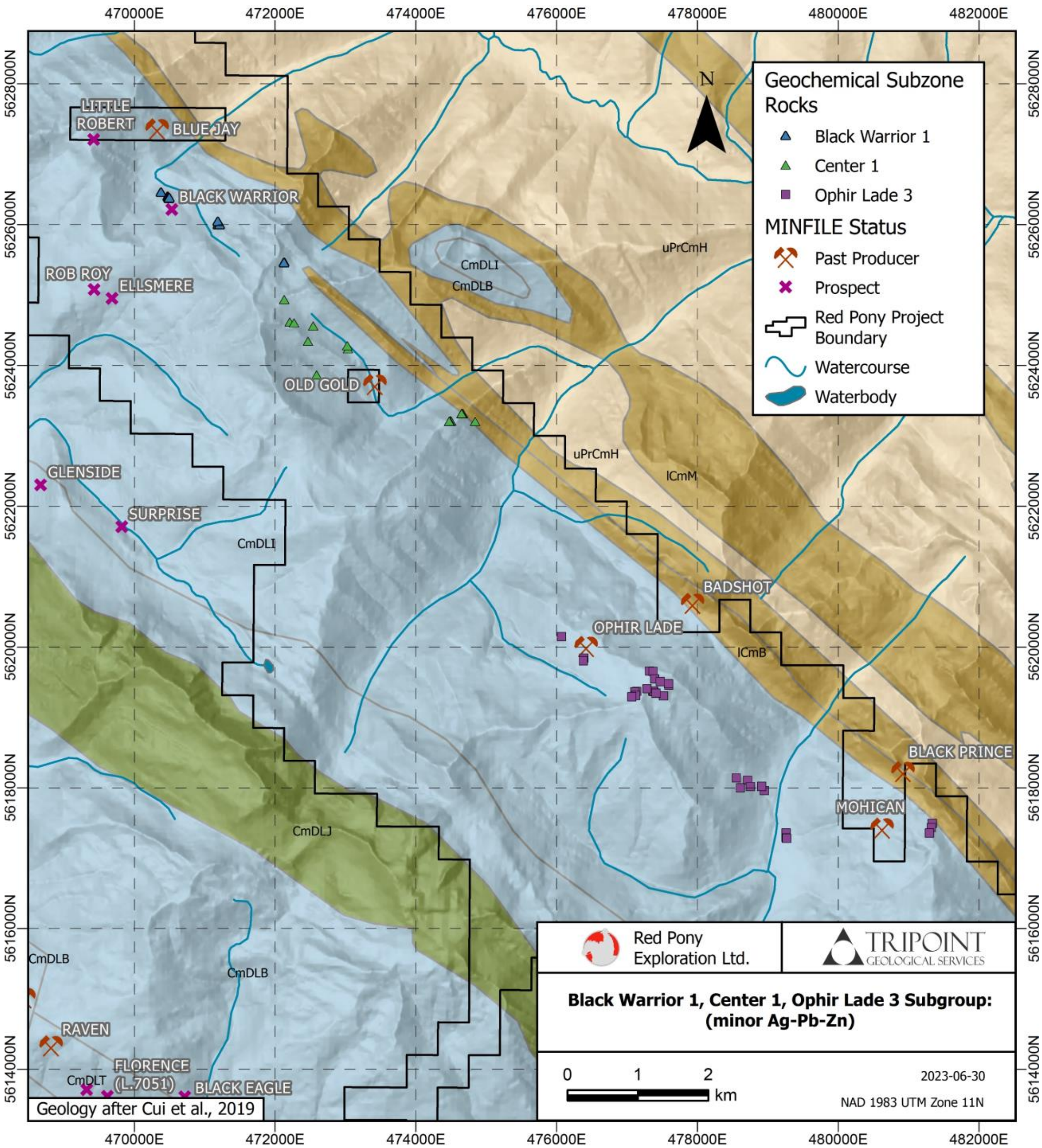


Figure 8. Locations of rock samples (float included) from the Black Warrior 1, Center 1, Ophir Lade 3 grouping.

5 Property-Scale Patterns

In the Red Pony Project area, distinct (but likely related) mineralization styles can be recognized for >30 km along-strike. These trends are defined by their structural relationship to host stratigraphy, and the geochemical character of the mineralization. Key stratigraphic features include:

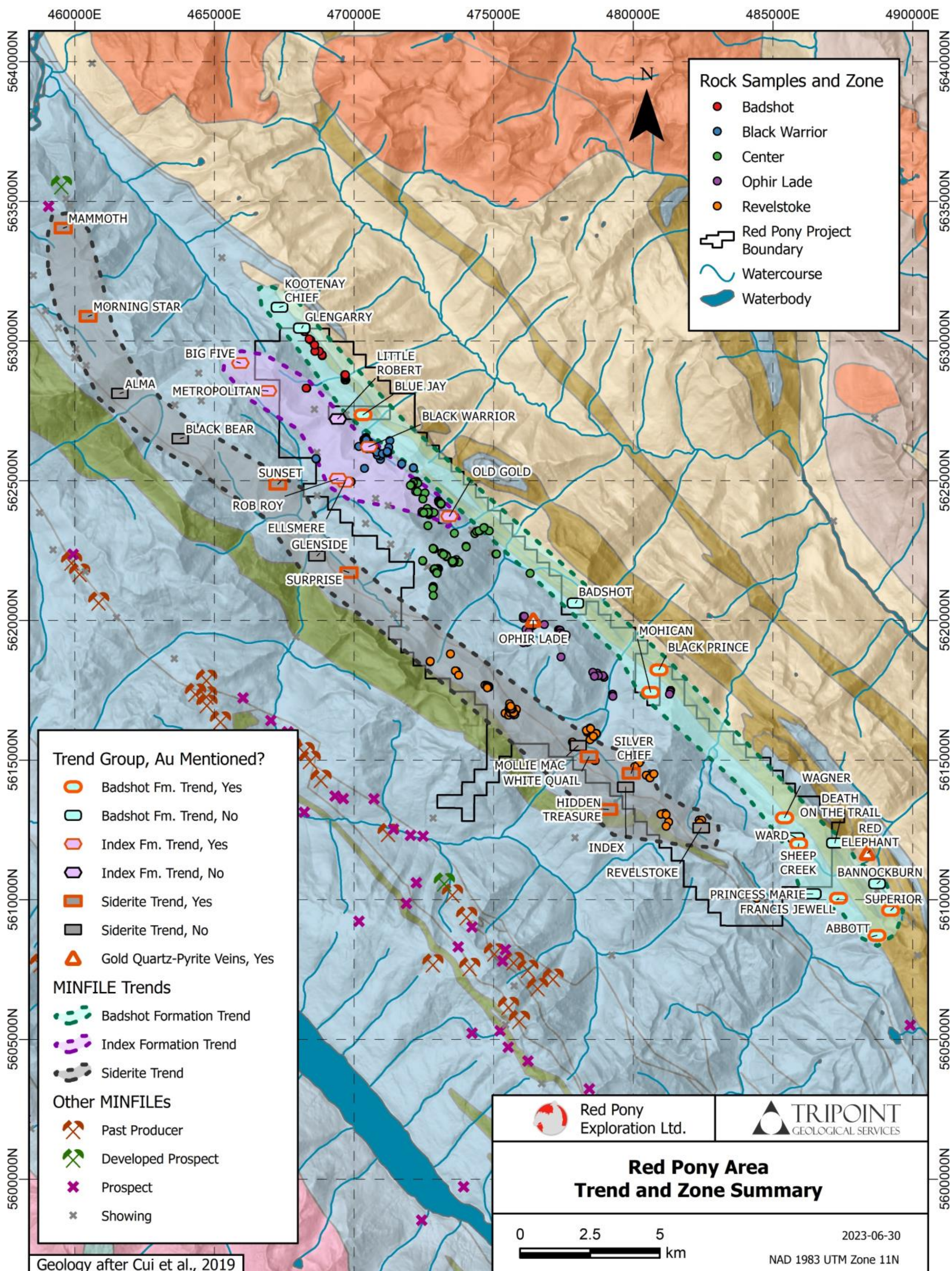
1) The contact between Badshot Formation limestone and underlying Marsh Adams / Mohican Formations (Hammill Group)
2) The contact between Badshot Formation limestone and overlying Index Formation
3) The contact between limestone and phyllite/schist within the Index Formation

Prospective contacts and their enclosing stratigraphy are sometimes enhanced by cross-cutting faults and fractures which can pool mineralization and intensify fluid flow, and are often sealed by quartz-carbonate gangue.

After reviewing the MINFILE database for entries on or directly along-trend of the Red Pony project, and those with a MINFILE rank of at least 'Prospect', four broad groups were delineated as follows (Figure 9):

1) The Badshot Formation Trend
2) The Index Formation Trend
3) The Siderite Trend
4) Gold-bearing Quartz-Pyrite Veins

Figure 9 (on the following page). Coloured fields show MINFILE trends described below. Orange units are regionally important Cretaceous granodiorites.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Rock Samples and Zone
Badshot
Black Warrior
Center
Ophir Lade
Revelstoke
Red Pony Project Boundary
Watercourse
Waterbody
MAMMOTH
MORNING STAR
KOOTENAY CHIEF
GLENGARRY
BIG FIVE
LITTLE ROBERT
ALMA
METROPOLITAN
BLUE JAY
BLACK BEAR
BLACK WARRIOR
SUNSET
OLD GOLD
ROB ROY
ELLSMERE
GLENSIDE
SURPRISE
BADSHOT
OPHIR LADE
MOHICAN
BLACK PRINCE
SILVER CHIEF
MOLLIE MAC
WHITE QUAIL
HIDDEN TREASURE
INDEX
REVELSTOKE
WAGNER
DEATH ON THE TRAIL
WARD
RED ELEPHANT
SHEEP CREEK
BANNOCKBURN
PRINCESS MARIE
FRANCIS JEWELL
SUPERIOR
ABBOTT
Trend Group, Au Mentioned?
Badshot Fm. Trend, Yes
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Index Fm. Trend, Yes
Index Fm. Trend, No
Siderite Trend, Yes
Siderite Trend, No
Gold Quartz-Pyrite Veins, Yes
MINFILE Trends
Badshot Formation Trend
Index Formation Trend
Siderite Trend
Other MINFILEs
Past Producer
Developed Prospect
Prospect
Showing
Geology after Cui et al., 2019
Red Pony Exploration Ltd.
TRIPOINT GEOLOGICAL SERVICES
Red Pony Area
Trend and Zone Summary
0
2.5
5
km
2023-06-30
NAD 1983 UTM Zone 11N

5.1 The Badshot Formation Trend

Mineralization along this 32 km trend is developed as quartz ± carbonate veins and stringers in Badshot Formation limestone or the immediately adjacent phyllitic/schistose rocks of the overlying Index Formation or underlying Marsh Adams Formation. When limestone hosted, host rock dolomitization is common. The veins contain galena and variable but lesser amounts of sphalerite-tetrahedrite > chalcopyrite-pyrite. Sulfide enrichment is locally seen as disseminations or massive sulfide bodies (e.g., Wagner, MINFILE 082KNW212). The cm- to m-scale vein systems most often represent the contact between limestone and phyllite, and can in some cases be traced for >200 m along strike (e.g., Sheep Creek, MINFILE 082KNW050; Francis Jewell, MINFILE 082KNW057). Vein-bearing contacts here are often observed or implied faults, containing wall rock fragments.

There appears to be an increase in Au prominence in the southeastern half of the Badshot Formation Trend, whereas the northwestern part has locally elevated Sn ± W (e.g., the Badshot geochemical zone described above; Table 12). In the southeast, semiquantitative Sn was indicated at Wagner (MINFILE 082KNW212).

Table 12. MINFILEs belonging to the Badshot Formation Trend as defined in this report, listed from north to south.

Name	Number	Status	Northing* (m)	Easting* (m)	Commodities	Gold Mentioned?
Kootenay Chief	082KNW135	P.Producer	5631208	467332	Ag-Pb	No
Glengarry	082KNW134	P.Producer	5630462	468129	Ag-Pb-Cu	No
Blue Jay	082KNW079	P.Producer	5627360	470322	Ag-Pb-Zn-Au	Yes
Badshot	082KNW033	P.Producer	5620619	477929	Ag-Pb-Zn	No
Black Prince	082KNW034	P.Producer	5618229	480919	Pb-Ag-Zn	Yes
Mohican	082KNW035	P.Producer	5617427	480622	Ag-Pb-Au-Zn	Yes
Wagner	082KNW212	P.Producer	5612933	485415	Ag-Pb-Zn-Au-Cu-Sn	Yes
Ward	082KNW177	Prospect	5612221	485825	Ag-Pb	No
Death On The Trail	082KNW179	Prospect	5612032	487218	Ag-Pb	No
Sheep Creek	082KNW050	D.Prospect	5612005	485923	Ag-Au-Pb-Zn	Yes
Bannockburn	082KNW051	Prospect	5610577	488727	Ag-Pb-Zn-Cu	No
Princess Marie	082KNW225	Prospect	5610212	486428	Ag-Zn-Pb	No
Francis Jewell	082KNW057	D.Prospect	5610055	487351	Ag-Pb-Zn-Au	Yes
Superior	082KNW054	Prospect	5609619	489216	Au-Ag-Pb-Zn	Yes
Abbott	082KNW056	P.Producer	5608724	488723	Ag-Au-Pb-Zn	Yes

* UTM coordinates within NAD83 Zone 11.

5.2 The Index Formation Trend

Like the Badshot Formation Trend, mineralization along the Index Formation Trend is typically related to contacts between limestone and rocks variably described as phyllite/schist/slate, and perhaps also tuffaceous units. While contact-hosted veins similar to the Badshot Formation Trend are seen, the Index Formation Trend also contains poddy lenses, replacements, and breccias of massive sulfide within the limestone (sometimes dolomitized; Ellsmere, MINFILE 082KNW081).

While sulfide mineralogy in the trend is still dominantly galena-tetrahedrite-sphalerite, there is locally important chalcopyrite and pyrite ± pyrrhotite; Rob Roy (MINFILE 082KNW201) has local massive magnetite. Gold is present in all but one prospect (Table 13).

The Index Formation Trend is distributed throughout the northern part of the project area, where there still remains considerable uncertainty about the degree to which individual beds (especially limestones) may be correlated to one another. This uncertainty is a result of the widespread intense folding with steeply dipping limbs and uniform northwest-trending plunges, and the complexity of fold axis-parallel and non-parallel faulting and shearing. Additionally, some workers have wondered to what extent some limestone units within the Index Formation may represent fold repetitions and fault-offsets of Badshot Formation limestone (Fingler and Turner, 2010).

Table 13. MINFILEs belonging to the Index Formation Trend as defined in this report, listed from north to south.

Name	Number	Status	Northing* (m)	Easting* (m)	Commodities	Gold Mentioned?
Big Five	082KNW084	Prospect	5629210	465930	Ag-Pb-Zn-Au-Cu	Yes
Metropolitan	082KNW083	P.Producer	5628215	466921	Ag-Pb-Zn-Au	Yes
Little Robert	082KNW082	Prospect	5627211	469421	Ag-Pb	No
Black Warrior	082KNW110	Prospect	5626216	470531	Ag-Pb-Cu-Au-Zn	Yes
Rob Roy	082KNW201	Prospect	5625079	469428	Pb-Ag-Au-Zn-Cu	Yes
Ellsmere	082KNW081	Prospect	5624954	469682	Pb-Zn-Ag-Au	Yes
Old Gold	082KNW128	P.Producer	5623729	473416	Ag-Pb	Yes

* UTM coordinates within NAD83 Zone 11.

5.3 The Siderite Trend

The Siderite Trend runs for >30 km along and within the Red Pony project's southwestern margin (Table 14) along the 'top' of the Index Formation near its contact with the overlying Triune Formation dark phyllites and Jowett Formation mafic alkaline volcanics. This trend is defined by the close association between mineralization and siderite alteration.

As in the Badshot and Index Formation Trends described above, contacts between limestone and phyllites/schists are prospective exploration targets. In the Siderite Trend, mineralization is still found as fault- and contact-sealing sulfide-quartz-carbonate veins and pods in dolomitized and/or silicified limestone. However, local structures appear to be relatively important here. Several of the MINFILE entries in the Siderite Trend describe faults, fissures, fractures, and their various intersections as locations of increased mineralization, as well as bedding- and fold axis-parallel replacements. Gold is variably present throughout.

Table 14. MINFILEs belonging to the Siderite Trend as defined in this report, listed from north to south.

Name	Number	Status	Northing* (m)	Easting* (m)	Commodities	Gold Mentioned?
Mammoth	082KNW077	P.Producer	5634043	459587	Ag-Pb-Au-Zn	Yes
Morning Star	082KNW074	Prospect	5630885	460482	Ag-Pb-Zn-Au	Yes
Alma	082KNW124	Prospect	5628127	461616	Ag-Pb-Zn	No
Black Bear	082KNW130	Prospect	5626506	463778	Pb-Zn	No
Sunset	082KNW203	Prospect	5624876	467272	Ag-Pb-Au-Cu	Yes
Glenside	082KNW141	Prospect	5622304	468667	Pb	No
Surprise	082KNW080	Prospect	5621710	469820	Ag-Pb-Zn-Au	Yes
Mollie Mac	082KNW036	Prospect	5615522	478025	Ag-Pb-Zn-Cu	No
White Quail	082KNW037	Prospect	5615119	478416	Pb-Ag-Zn-Au	Yes
Silver Chief	082KNW039	Prospect	5614526	479924	Pb-Ag-Au-Sn	Yes
Index	082KNW038	Prospect	5614033	479726	Ag-Pb-Zn	No
Hidden Treasure	082KNW106	Prospect	5613232	479114	Ag-Pb-Zn	Yes
Revelstoke	082KNW151	Prospect	5612571	482430	Pb-Ag	No

* UTM coordinates within NAD83 Zone 11.

5.4 Gold-bearing Quartz-Pyrite Veins

There are two quartz-pyrite vein systems that primarily carry gold (Table 15). These both are hosted in the siliciclastic rocks of either the underlying Marsh Adams Formation (Red Elephant, MINFILE 082KNW053) or the overlying Index Formation (Ophir Lade, MINFILE 082KNW032), and near contacts with Badshot Formation limestone.

Red Elephant veins are variably discordant and discontinuous, and hosted in pyritic schist immediately adjacent to Badshot Formation limestone. Historic drilling intersected massive pyrrhotite-pyrite and stringers of chalcopyrite at depth.

The numerous Ophir Lade veins are irregular and both concordant and discordant, with marginal stringers. Vein mineralogy is typically quartz-carbonate (ankerite?)-pyrite. A subset of 'tiny quartz veins' cut carbonate, and these contain bismuthinite and tellurides. In both these late veinlets and oxidized parts of the main vein sequence, native gold has been reported, however most gold is likely contained within the pyrite.

Table 15. MINFILEs belonging to the Gold-bearing Quartz Vein group as defined in this report, listed from north to south.

Name	Number	Status	Northing* (m)	Easting* (m)	Commodities	Gold Mentioned?
Ophir Lade	082KNW032	P.Producer	5620008	476417	Au-Ag-Bi-Cu-Pb-Te	Yes
Red Elephant	082KNW053	Prospect	5611659	488376	Au-Ag-Cu	Yes

* UTM coordinates within NAD83 Zone 11.

6 Discussion

6.1 First-Order Carbonate-Replacement Ore System Classifications

The Red Pony project area contains dozens of variably mineralized targets that have been explored and extracted from over the past 125 years. In general, the strong association with limestone, the primarily Pb-Zn-rich nature of the ore, and textural and mineralogical observations have led to the dominant regional mineralization being considered some variety of carbonate replacement ore. However, intense deformation in the broader Kootenay Arc has significantly complicated the original stratigraphic and structural relationships and made it challenging to fit these deposits into existing classifications. Paradis (2007) documents a variety of proposed carbonate replacement ore deposit models with contrasting timing of mineralization related to deposition, hydrothermal activity, and deformation.

A common broader classification is Mississippi Valley-Type (MVT), wherein dissolution of carbonate host rock sequences by potentially far-traveled warm metalliferous basinal fluids lead to base metal precipitation (Paradis et al., 2007; Alldrick and Sangster, 2000). Specifically, the related Irish-Type model, with an increased emphasis on spatial association to faults, has been proposed. Paradis (2007) noted the following aspects of many Kootenay Arc carbonate-hosted Pb-Zn deposits that permitted an Irish-Type classification:

1) Stratabound nature, i.e., sulfide minerals in dolomitized or silicified carbonate rocks
2) Simple mineralogy, i.e., sphalerite, galena ± Fe oxides
3) Occurrence along or immediately adjacent to faults that may have formed conduits for upward-migrating hydrothermal fluids
4) Layered appearance of sulfide minerals
5) A range of complex textures ranging from replacement of host carbonate rocks by sulfide minerals to local open-space fillings

In contrast, the MINFILE database lists the primary deposit classification for many of the occurrences as simply polymetallic Ag-Pb-Zn ± Au veins, with subordinate MVT, Irish-Type, and Manto (an intrusion-related structurally-controlled carbonate replacement style), likely mostly due to morphology, ore metal content, and historic descriptions.

Considering the close spatial (if not genetic) relationship between contacts, faulting, fractures and mineralization in this structurally complex area, the term ‘fracture-controlled carbonate replacement’ is sometimes appropriate especially in the Siderite Trend (e.g., Moynihan and Pattison, 2011; Paradis et al., 2022, 2023). In the Kootenay Arc the Bluebell deposit (~100 km to the south of the Red Pony area; MINFILE 082FNE043) has been described as such, in contrast to MVT or Irish-Type (Paradis et al., 2022, 2023). At Bluebell there is a strong control on mineralization by steep east-west trending fractures. In the Red Pony area, many important fractures (faults?) would instead be fold axis- and contact-parallel.

The BCGS Mineral Deposit Profiles handbook considers Bluebell to be a polymetallic manto (Nelson, 1996). Considering the likely influence from intrusions as described below, this may be the best broad framework within which to interpret the Red Pony area.

Regardless of the specific classification of choice, host stratigraphy from all Trends defined here show clear evidence of post-depositional modification (and often ore enhancement if not emplacement) by hydrothermal systems utilizing some combination of faults, fractures, and folds. Lithology has a strong control on mineralization style and metal tenor.

6.2 Geochemical Subzone Internal Spatial Relationships

Among the Red Pony target zones, the Center and Ophir Lade Zones contain multiple contrasting mineralization styles (Center 2 vs. 3; Ophir Lade 1 vs. 2; Table 5). However, these likely reflect the same broad host-rock influences acting on the Lardeau Group mineralization as a whole. The Centre 3 Cu-Ag mineralization is in schists, phyllites, and quartzites whereas the Center 2 Pb-Zn-Ag-Cu-Au mineralization is in veined and replaced limestone, and Center 3 samples (outcrop or otherwise) are restricted to a smaller 250 m trend. Similarly, the Ophir Lade 1 Pb-Zn-Ag-Au mineralization in various lithologies straddles the better-defined Ophir Lade 2 phyllite-hosted Au-bearing quartz vein mineralization. This apparent added complexity is partially a result of exploration target zone definitions that straddle broad swaths of stratigraphy.

6.3 Influences on the Fertility of Hydrothermal Circulation

The intense folding, faulting, and fracturing in the Red Pony area has clearly acted as conduits for mineralizing fluid flow as evidenced by mineralization within quartz ± carbonate-sealed structures. Beyond that the history of these fluids is not well-constrained, but based on ore-associated elements in the Red Pony area igneous activity may be important as described below. Intrusive units are sparsely known on the Red Pony project, but previous geophysical interpretations implied the possibility of local blind intrusions peripheral to mineralized zones (Fingler, 2007).

Starting ~70 km northwest of the Red Pony area, mafic MORB-affinity basaltic rocks within the Index formation are associated with several VMS deposits. In the Red Pony area, the upper Index Formation contains a ≤240 m thick greenstone unit (with locally preserved pillows) overlying a ≤30 m thick marble (Logan and Colpron, 2006), but no known syngenetic massive sulfide deposits. There are several mentions in the MINFILE descriptions of metatuffs and green chloritic schists, the latter in at least some cases likely representing metamorphosed volcanics. The overlying Jowett Formation is an alkaline mafic rift-associated volcanic sequence.

This mafic igneous activity would be passing up through the deposited Kootenay Arc strata as rifting initiated. Although intense deformation has complicated the ability to locate important synsedimentary structures including faults or volcanic feeders, it seems highly likely that eventual folding, faulting, and fracturing prolonged the potential for hydrothermal interaction between underlying sedimentary strata and the igneous rocks. In the Index Formation near the Bluebell deposit (MINEFILE 082FNE043), Moynihan and Pattison (2011) emphasized known transverse basement structures as a means of explaining contemporaneous mafic (sometimes lamprophyric) dikes and the mixed upper mantle – lower crustal Pb source indicated by Pb isotopes (Beaudoin et al., 1992).

Another potentially important influence on mineralization style in the Red Pony area is the local post-accretionary intrusive activity. Of the several Cretaceous granodioritic plutons within 20 km of the Red Pony area, the Battle Range Batholith appears to be the most influential. It intrudes the now steeply dipping and highly deformed Hammill Group – Badshot Formation – Lardeau Group sequence (e.g., Figure 9).

Like other intrusions on the Cretaceous magmatic trend, the Battle Range Batholith hosts a variety of hydrothermal mineralization including Mo greisen veins, Sn pegmatites, and W veins, and peripheral metasedimentary and metavolcanic-hosts mineralization includes Au-bearing quartz veins, W ± Mo skarns, and polymetallic base metal ± Au veins (Logan, 2011). The latter are in correlative strata to the Red Pony area, and host similar Ag-Pb-Zn ± Au mineralization (e.g., Lanark, MINFILE 082N 012; 15 km north of the Battle Range Batholith).

Logan (2001) highlighted the Battle Range Batholith as an exploration target for intrusion-related Au. The effect that it had on mineralizing fluids near Red Pony is unknown, although the Au (and Ag?)-rich nature of the carbonate-associated Pb-Zn deposits in the Red Pony area may reflect involvement of hydrous, oxidized, (alkaline) igneous rocks. The texturally late and discordant nature of the Au-bearing quartz veins in the Red Pony area may suggest that they represent late pathways that focused (relatively locally sourced?) fluids that had remobilized Au-Bi-Te from earlier fluid influx events. Alternatively, they are simply more closely related to (late stage?) intrusions and were less-diluted by other available fluid reservoirs.

Aside from widespread Au and Ag, the elevated Sn-Mo-W-Cu in the northern part of the Red Pony Area may be related to fluids derived from, or interacting with, Battle Range Batholith magmatism (Figure 10). At the very least, an intrusion this large would drive regional hydrothermal systems, and the Sn-Cu (± Mo-W) presence lends further support to a manto-style carbonate replacement model (Nelson, 1996).

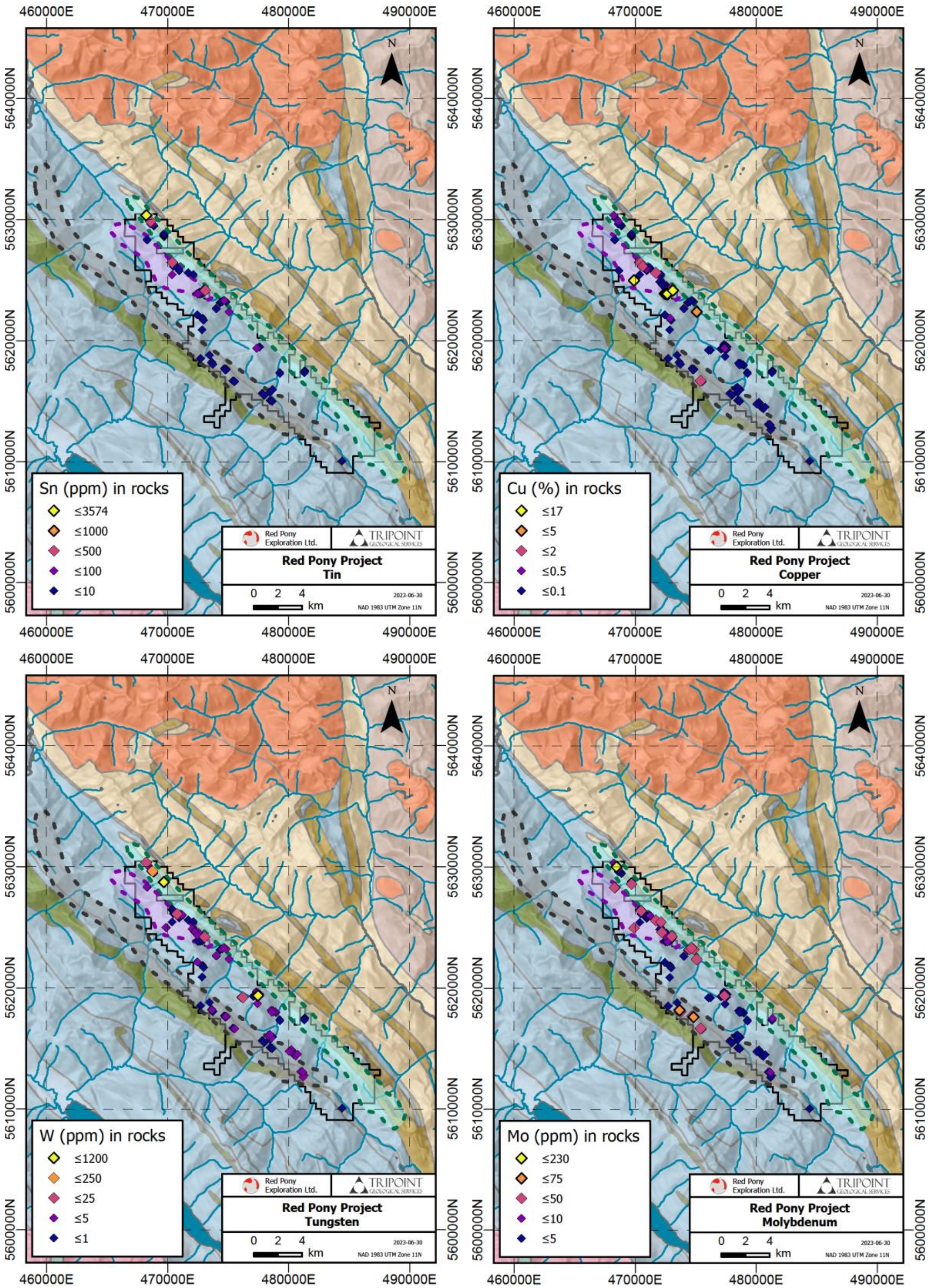

Figure 10. Rocks from the northern part of the Red Pony property, closer to known intrusions like the Battle Range Batholith, have elevated igneous-associated elements including Sn-Cu-Mo-W.

7 Open Questions and Further Work

7.1 Open Questions

The Red Pony area hosts widespread base and precious metal carbonate replacement-related mineralization, although exploration over the past 125 years has been focused on a relatively small area (Fingler and Turner, 2010). The following questions remain open:

- Can individual limestone horizons (and their prospective contacts) be correlated to one another? To what extent has faulting and folding led to stratigraphic repetition?
- What is the nature of intrusive activity in the immediate area? When present, is it spatially associated with mineralization, or linked by structures acting as favourable fluid pathways? Do any of these intrusions resemble regional mineralized Cretaceous granodiorites?
- How many chloritic schists and greenschists mentioned in the Index Formation are of volcanic origin? What is their relationship to mineralization?
- Does the relatively Fe-rich alteration in the Siderite Trend reflect the involvement of nearby mafic igneous rocks?
- Can the similar mineralization north of the Battle Range Batholith be argued to represent the complementary northern part of a regional intrusive-centered system of which the Red Pony area is the southern part?
- Does the regional Cretaceous intrusive belt reflect deep-seated structures that can act as a favourable magmatic-hydrothermal system conduit as proposed at Bluebell?
- Can favourable structures be mapped across the area that predict deformation-related upgrading of pre-existing mineralization?
- To what extent is the Red Pony area analogous to post-collisional paired Au-rich intrusion-related and carbonate-replacement systems hosted in highly deformed basement rocks elsewhere (e.g., the Kassandra district, Greece; Siron et al., 2018)?

7.2 Further Work

Considering the points raised in this report, worthwhile follow-up work includes:

- Improving the available bedrock geology maps, via:
  - Compiling and digitizing district- (e.g., Read, 1976) and occurrence-scale (e.g., Santos, 1990) maps, including structural observations.
  - Integrating exploration rock sampling and mapping into published geological maps, for example using the summary lithology, outcrop, and structure fields created in this report.
- Detailed property geological mapping, especially between mineralized zones and using insights from updated maps, to:
  - Better understand the potential connectivity between known mineralization.
  - Define potentially important transverse structures (e.g., faults, fractures).
  - Evaluate the possible role of unknown or underappreciated igneous rocks.
- Geophysical surveys, to delineate buried bedrock features, and expanding upon the 2007 airborne EM survey (Fingler, 2007).
- Evaluation of existing sediment (stream, talus, soil) geochemistry in light of observed lithogeochemical relationships to attempt to fingerprint potential mineralization styles up-drainage.
- Assaying using methods involving key fingerprinting elements (Sn-W-Bi-Te) that are sometimes omitted.

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Appendix 1

Rock sample data including zone classifications

Sample_ID	Site_ID	Sample_Type	Target_Zone	Geochemical_Subzone	Datum	Easting	Northing	ARIS_ID	Campaign_ID
8R203651	203651	GRAB	Ophir Lade Trend	Ophir Lade 1	NAD83_11N	477366	5619372	31368	BadshotOphir2008
8R203652	203652	GRAB	Ophir Lade Trend	Ophir Lade 1	NAD83_11N	477366	5619372	31368	BadshotOphir2008
8R203653	203653	GRAB	Ophir Lade Trend	Ophir Lade 1	NAD83_11N	477371	5619376	31368	BadshotOphir2008
8R203654	203654	GRAB	Ophir Lade Trend	Ophir Lade 1	NAD83_11N	477371	5619376	31368	BadshotOphir2008
8R203655	203655	CHIPS	Ophir Lade Trend	Ophir Lade 1	NAD83_11N	477371	5619376	31368	BadshotOphir2008
8R203664	203664	GRAB	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	477591	5619458	31368	BadshotOphir2008
8R203665	203665	GRAB	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	477590	5619480	31368	BadshotOphir2008
8R203666	203666	GRAB	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	477590	5619480	31368	BadshotOphir2008
8R203667	203667	GRAB	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	477590	5619480	31368	BadshotOphir2008
8R203668	203668	GRAB	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	477590	5619480	31368	BadshotOphir2008
8R203669	203669	CHIPS	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	477380	5619368	31368	BadshotOphir2008
8R203670	203670	CHIPS	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	477380	5619368	31368	BadshotOphir2008
8R203671	203671	GRAB	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	477366	5619372	31368	BadshotOphir2008
8R203672	203672	GRAB	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	477366	5619372	31368	BadshotOphir2008
8R203673	203673	CHIPS	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	477371	5619376	31368	BadshotOphir2008
8R203674	203674	CHIPS	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	477371	5619376	31368	BadshotOphir2008
8R203675	203675	CHIPS	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	477371	5619376	31368	BadshotOphir2008
E-713	E-713	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	469887	5624962	22917	BlackWarrior1992
E-714	E-714	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	469888	5624963	22917	BlackWarrior1992
E-715	E-715	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	469853	5624973	22917	BlackWarrior1992
E-716	E-716	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	469856	5624971	22917	BlackWarrior1992
E203513	E203513	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	469874	5624964	22917	BlackWarrior1992
E203515	E203515	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	468650	5625773	22917	BlackWarrior1992
E203516	E203516	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	468636	5625790	22917	BlackWarrior1992
E-711	E-711	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	469896	5624967	22917	BlackWarrior1992
E-712	E-712	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	469898	5624967	22917	BlackWarrior1992
RMK1017	RMK1017	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	478585	5615853	33191	KootenayArc_2011
RMK1018	RMK1018	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	478575	5615844	33191	KootenayArc_2011
RMK1019	RMK1019	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	478571	5615851	33191	KootenayArc_2011
RMK1020	RMK1020	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	478569	5615842	33191	KootenayArc_2011
RMK1021	RMK1021	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	478569	5615842	33191	KootenayArc_2011
RMK1022	RMK1022	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	478572	5615848	33191	KootenayArc_2011
RMK1023	RMK1023	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	478568	5615852	33191	KootenayArc_2011
RMK1024	RMK1024	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	478566	5615850	33191	KootenayArc_2011
RMK1025	RMK1025	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	478561	5615827	33191	KootenayArc_2011
RMK1026	RMK1026	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	478452	5615730	33191	KootenayArc_2011
RMK1027	RMK1027	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	478681	5615955	33191	KootenayArc_2011
RMK1028	RMK1028	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	478674	5615946	33191	KootenayArc_2011
RMK1094	RMK1094	ROCK	Center Trend	Center 2	NAD83_11N	472876	5621848	33191	KootenayArc_2011
RMK1095	RMK1095	ROCK	Center Trend	Center 2	NAD83_11N	472876	5621848	33191	KootenayArc_2011
RMK1096	RMK1096	ROCK	Center Trend	Center 2	NAD83_11N	472876	5621848	33191	KootenayArc_2011
RMK1097	RMK1097	ROCK	Center Trend	Center 2	NAD83_11N	472876	5621848	33191	KootenayArc_2011
RMK1098	RMK1098	ROCK	Center Trend	Center 2	NAD83_11N	472876	5621848	33191	KootenayArc_2011
RMK1099	RMK1099	ROCK	Center Trend	Center 2	NAD83_11N	472876	5621848	33191	KootenayArc_2011
RMK1100	RMK1100	ROCK	Center Trend	Center 2	NAD83_11N	472875	5621848	33191	KootenayArc_2011
RMK1101	RMK1101	ROCK	Center Trend	Center 2	NAD83_11N	472872	5621842	33191	KootenayArc_2011
RMK1102	RMK1102	ROCK	Center Trend	Center 2	NAD83_11N	472872	5621842	33191	KootenayArc_2011
RMK1103	RMK1103	ROCK	Center Trend	Center 2	NAD83_11N	472872	5621842	33191	KootenayArc_2011
RMK1104	RMK1104	ROCK	Center Trend	Center 2	NAD83_11N	472872	5621836	33191	KootenayArc_2011
RMK1105	RMK1105	ROCK	Center Trend	Center 2	NAD83_11N	472872	5621836	33191	KootenayArc_2011
RMK1106	RMK1106	ROCK	Center Trend	Center 2	NAD83_11N	472864	5621825	33191	KootenayArc_2011
RMK1117	RMK1117	ROCK	Center Trend	Center 2	NAD83_11N	472860	5621823	33191	KootenayArc_2011
RMK1118	RMK1118	ROCK	Center Trend	Center 2	NAD83_11N	472869	5621834	33191	KootenayArc_2011
RMK1119	RMK1119	ROCK	Center Trend	Center 2	NAD83_11N	472869	5621834	33191	KootenayArc_2011
RMK1120	RMK1120	ROCK	Center Trend	Center 2	NAD83_11N	472871	5621836	33191	KootenayArc_2011
RMK1121	RMK1121	ROCK	Center Trend	Center 2	NAD83_11N	472871	5621842	33191	KootenayArc_2011
RTG1031	RTG1031	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	471709	5625603	33191	KootenayArc_2011
RTG1037	RTG1037	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	475515	5616615	33191	KootenayArc_2011
RTG1038	RTG1038	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	475514	5616616	33191	KootenayArc_2011
RTG1039	RTG1039	GRAB	Revelstoke Trend	Revelstoke	NAD83_11N	475412	5616676	33191	KootenayArc_2011
RTG1040	RTG1040	GRAB	Revelstoke Trend	Revelstoke	NAD83_11N	475540	5616610	33191	KootenayArc_2011
RTG1041	RTG1041	GRAB	Revelstoke Trend	Revelstoke	NAD83_11N	484420	5610053	33191	KootenayArc_2011
RTG1042	RTG1042	GRAB	Black Warrior Trend	Black Warrior 1	NAD83_11N	472127	5625465	33191	KootenayArc_2011
RTG1043	RTG1043	GRAB	Black Warrior Trend	Black Warrior 1	NAD83_11N	472125	5625460	33191	KootenayArc_2011
RTG1044	RTG1044	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470945	5625764	33191	KootenayArc_2011
RTG1045	RTG1045	ROCK	Black Warrior Trend	Black Warrior 2	NAD83_11N	470849	5625977	33191	KootenayArc_2011
RTG1046	RTG1046	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470935	5625885	33191	KootenayArc_2011
RTG1057	RTG1057	ROCK	Center Trend	Center 2	NAD83_11N	472462	5622124	33191	KootenayArc_2011
RTG1058	RTG1058	ROCK	Center Trend	Center 2	NAD83_11N	472457	5622140	33191	KootenayArc_2011
RJD0007	RJD0007	GRAB	Center Trend	No Assays	NAD83_11N	472962	5621779	32242	KootenayArc2010
RJD0008	RJD0008	GRAB	Center Trend	No Assays	NAD83_11N	472645	5623390	32242	KootenayArc2010
RJD0009	RJD0009	GRAB	Center Trend	No Assays	NAD83_11N	472691	5623787	32242	KootenayArc2010
RJD0018	RJD0018	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470365	5626377	32242	KootenayArc2010
RJD0019	RJD0019	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470365	5626377	32242	KootenayArc2010
RJD0020	RJD0020	GRAB	Black Warrior Trend	No Assays	NAD83_11N	471283	5626431	32242	KootenayArc2010
RJD0021	RJD0021	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470987	5625963	32242	KootenayArc2010
RMK0103	RMK0103	Grab	Center Trend	No Assays	NAD83_11N	472838	5621211	32242	KootenayArc2010
RMK0104	RMK0104	Grab	Center Trend	No Assays	NAD83_11N	472836	5621215	32242	KootenayArc2010
RMK0105	RMK0105	Grab	Center Trend	No Assays	NAD83_11N	472833	5621218	32242	KootenayArc2010
RMK0106	RMK0106	Grab	Center Trend	No Assays	NAD83_11N	472840	5621189	32242	KootenayArc2010
RMK0107	RMK0107	Grab	Center Trend	No Assays	NAD83_11N	472842	5621169	32242	KootenayArc2010
RMK0108	RMK0108	Grab	Center Trend	No Assays	NAD83_11N	472823	5621148	32242	KootenayArc2010
RMK0109	RMK0109	Grab	Center Trend	No Assays	NAD83_11N	472718	5623902	32242	KootenayArc2010
RMK0110	RMK0110	Grab	Center Trend	No Assays	NAD83_11N	472718	5623902	32242	KootenayArc2010
RMK0111	RMK0111	Grab	Center Trend	No Assays	NAD83_11N	472729	5623918	32242	KootenayArc2010
RJD0022	RJD0022	GRAB	Black Warrior Trend	No Assays	NAD83_11N	471192	5625993	32242	KootenayArc2010
RJD0023	RJD0023	GRAB	Black Warrior Trend	No Assays	NAD83_11N	471245	5626194	32242	KootenayArc2010
RJD0024	RJD0024	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470172	5626227	32242	KootenayArc2010
RJD0025	RJD0025	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470365	5626377	32242	KootenayArc2010
RJD0026	RJD0026	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470454	5626408	32242	KootenayArc2010
RJD0027	RJD0027	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470372	5626446	32242	KootenayArc2010
RLC0001	RLC0001	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470375	5626450	32242	KootenayArc2010
RLC0002	RLC0002	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470375	5626450	32242	KootenayArc2010
RLC0003	RLC0003	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470375	5626450	32242	KootenayArc2010
RLC0004	RLC0004	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470379	5626459	32242	KootenayArc2010
RLC0005	RLC0005	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470379	5626459	32242	KootenayArc2010
RLC0006	RLC0006	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470376	5626450	32242	KootenayArc2010
RLC0007	RLC0007	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470377	5626450	32242	KootenayArc2010
RLC0008	RLC0008	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470377	5626450	32242	KootenayArc2010
RLC0009	RLC0009	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470380	5626449	32242	KootenayArc2010
RLC0010	RLC0010	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470380	5626449	32242	KootenayArc2010
RLC0020	RLC0020	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470455	5626418	32242	KootenayArc2010
RLC0021	RLC0021	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470510	5626410	32242	KootenayArc2010
RLC0022	RLC0022	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470510	5626410	32242	KootenayArc2010
RLC0023	RLC0023	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470455	5626416	32242	KootenayArc2010
RLC0024	RLC0024	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470455	5626418	32242	KootenayArc2010
RLC0081	RLC0081	Grab	Center Trend	No Assays	NAD83_11N	472888	5621836	32242	KootenayArc2010
RLC0082	RLC0082	Grab	Center Trend	No Assays	NAD83_11N	472887	5621840	32242	KootenayArc2010
RLC0083	RLC0083	CHIPS	Center Trend	No Assays	NAD83_11N	473024	5621857	32242	KootenayArc2010
RLC0084	RLC0084	CHIPS	Center Trend	No Assays	NAD83_11N	473024	5621856	32242	KootenayArc2010
RLC0085	RLC0085	CHIPS	Center Trend	No Assays	NAD83_11N	473024	5621856	32242	KootenayArc2010
RLC0086	RLC0086	CHIPS	Center Trend	No Assays	NAD83_11N	473024	5621855	32242	KootenayArc2010
RLC0087	RLC0087	CHIPS	Center Trend	No Assays	NAD83_11N	473024	5621855	32242	KootenayArc2010
RLC0088	RLC0088	CHIPS	Center Trend	No Assays	NAD83_11N	473023	5621854	32242	KootenayArc2010
RLC0089	RLC0089	CHIPS	Center Trend	No Assays	NAD83_11N	473023	5621853	32242	KootenayArc2010
RLC0090	RLC0090	CHIPS	Center Trend	No Assays	NAD83_11N	473023	5621852	32242	KootenayArc2010
RLC0091	RLC0091	CHIPS	Center Trend	No Assays	NAD83_11N	473022	5621852	32242	KootenayArc2010
RLC0092	RLC0092	CHIPS	Center Trend	No Assays	NAD83_11N	473022	5621850	32242	KootenayArc2010
RLC0093	RLC0093	Grab	Center Trend	No Assays	NAD83_11N	473023	5621852	32242	KootenayArc2010
RMK0001	RMK0001	Grab	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	479259	5617359	32242	KootenayArc2010
RMK0002	RMK0002	Grab	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	479259	5617294	32242	KootenayArc2010
RMK0003	RMK0003	Grab	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	479267	5617283	32242	KootenayArc2010
RLC0025	RLC0025	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470455	5626419	32242	KootenayArc2010
RLC0026	RLC0026	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470417	5626425	32242	KootenayArc2010
RLC0027	RLC0027	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470417	5626426	32242	KootenayArc2010
RLC0028	RLC0028	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470417	5626427	32242	KootenayArc2010
RLC0029	RLC0029	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470389	5626426	32242	KootenayArc2010
RLC0030	RLC0030	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470385	5626424	32242	KootenayArc2010
RLC0031	RLC0031	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470607	5626240	32242	KootenayArc2010
RLC0032	RLC0032	Grab	Black Warrior Trend	No Assays	NAD83_11N	470400	5626340	32242	KootenayArc2010
RLC0033	RLC0033	Grab	Black Warrior Trend	No Assays	NAD83_11N	470395	5626340	32242	KootenayArc2010
RLC0034	RLC0034	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470406	5626434	32242	KootenayArc2010
RLC0035	RLC0035	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470406	5626435	32242	KootenayArc2010
RLC0036	RLC0036	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470406	5626436	32242	KootenayArc2010
RLC0037	RLC0037	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470406	5626425	32242	KootenayArc2010
RLC0038	RLC0038	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470406	5626426	32242	KootenayArc2010
RLC0039	RLC0039	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470406	5626427	32242	KootenayArc2010
RLC0040	RLC0040	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470406	5626428	32242	KootenayArc2010
RLC0041	RLC0041	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470429	5626425	32242	KootenayArc2010
RLC0042	RLC0042	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470429	5626426	32242	KootenayArc2010
RLC0043	RLC0043	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470429	5626427	32242	KootenayArc2010
RLC0054	RLC0054	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470428	5626417	32242	KootenayArc2010
RLC0055	RLC0055	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470428	5626417	32242	KootenayArc2010
RLC0056	RLC0056	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470428	5626416	32242	KootenayArc2010
RLC0057	RLC0057	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470427	5626415	32242	KootenayArc2010
RLC0058	RLC0058	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470427	5626414	32242	KootenayArc2010
RLC0059	RLC0059	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470426	5626413	32242	KootenayArc2010
RLC0060	RLC0060	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470426	5626412	32242	KootenayArc2010
RLC0061	RLC0061	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470425	5626414	32242	KootenayArc2010
RLC0062	RLC0062	GRAB	Black Warrior Trend	No Assays	NAD83_11N	470424	5626410	32242	KootenayArc2010
RLC0063	RLC0063	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470525	5626394	32242	KootenayArc2010
RLC0064	RLC0064	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470524	5626393	32242	KootenayArc2010
RLC0065	RLC0065	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470523	5626392	32242	KootenayArc2010
RLC0066	RLC0066	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470522	5626391	32242	KootenayArc2010
RLC0067	RLC0067	ROCK	Black Warrior Trend	No Assays	NAD83_11N	470521	5626390	32242	KootenayArc2010
RLC0068	RLC0068	CHIPS	Black Warrior Trend	No Assays	NAD83_11N	470520	5626389	32242	KootenayArc2010
RLC0069	RLC0069	GRAB	Center Trend	No Assays	NAD83_11N	472990	5621785	32242	KootenayArc2010
RLC0070	RLC0070	GRAB	Center Trend	No Assays	NAD83_11N	472995	5621801	32242	KootenayArc2010
RLC0071	RLC0071	GRAB	Center Trend	No Assays	NAD83_11N	472996	5621802	32242	KootenayArc2010
RLC0072	RLC0072	GRAB	Center Trend	No Assays	NAD83_11N	473010	5621835	32242	KootenayArc2010
RLC0073	RLC0073	Grab	Center Trend	No Assays	NAD83_11N	473022	5621852	32242	KootenayArc2010
RLC0074	RLC0074	Grab	Center Trend	No Assays	NAD83_11N	473023	5621856	32242	KootenayArc2010
RLC0075	RLC0075	GRAB	Center Trend	No Assays	NAD83_11N	472990	5621855	32242	KootenayArc2010
RLC0076	RLC0076	Grab	Center Trend	No Assays	NAD83_11N	472990	5621856	32242	KootenayArc2010
RLC0077	RLC0077	Grab	Center Trend	No Assays	NAD83_11N	472990	5621857	32242	KootenayArc2010
RLC0078	RLC0078	GRAB	Center Trend	No Assays	NAD83_11N	472950	5621825	32242	KootenayArc2010
RLC0079	RLC0079	Grab	Center Trend	No Assays	NAD83_11N	472868	5621841	32242	KootenayArc2010
RLC0080	RLC0080	Grab	Center Trend	No Assays	NAD83_11N	472885	5621845	32242	KootenayArc2010
RMK0124	RMK0124	Grab	Center Trend	No Assays	NAD83_11N	473728	5622098	32242	KootenayArc2010
RMK0125	RMK0125	Grab	Center Trend	No Assays	NAD83_11N	473726	5622100	32242	KootenayArc2010
RMK0126	RMK0126	Grab	Center Trend	No Assays	NAD83_11N	473679	5622138	32242	KootenayArc2010
RMK0127	RMK0127	Grab	Center Trend	No Assays	NAD83_11N	473661	5622168	32242	KootenayArc2010
RMK0128	RMK0128	Grab	Center Trend	No Assays	NAD83_11N	473660	5622175	32242	KootenayArc2010
RMK0129	RMK0129	Grab	Center Trend	No Assays	NAD83_11N	473592	5622118	32242	KootenayArc2010
RMK0130	RMK0130	Grab	Center Trend	No Assays	NAD83_11N	473553	5622064	32242	KootenayArc2010
RMK0063	RMK0063	Grab	Revelstoke Trend	No Assays	NAD83_11N	475666	5616823	32242	KootenayArc2010
RMK0064	RMK0064	Grab	Revelstoke Trend	No Assays	NAD83_11N	475562	5616823	32242	KootenayArc2010
RMK0065	RMK0065	Grab	Revelstoke Trend	No Assays	NAD83_11N	475561	5616832	32242	KootenayArc2010
RMK0066	RMK0066	Grab	Revelstoke Trend	No Assays	NAD83_11N	475559	5616828	32242	KootenayArc2010
RMK0067	RMK0067	Grab	Revelstoke Trend	No Assays	NAD83_11N	475551	5616836	32242	KootenayArc2010
RMK0068	RMK0068	Grab	Revelstoke Trend	No Assays	NAD83_11N	475572	5616831	32242	KootenayArc2010
RMK0069	RMK0069	Grab	Revelstoke Trend	No Assays	NAD83_11N	475572	5616831	32242	KootenayArc2010
RMK0070	RMK0070	Grab	Revelstoke Trend	No Assays	NAD83_11N	475574	5616828	32242	KootenayArc2010
RMK0071	RMK0071	Grab	Revelstoke Trend	No Assays	NAD83_11N	475570	5616826	32242	KootenayArc2010
RMK0072	RMK0072	Grab	Revelstoke Trend	No Assays	NAD83_11N	475553	5616822	32242	KootenayArc2010
RMK0073	RMK0073	Grab	Revelstoke Trend	No Assays	NAD83_11N	475570	5616819	32242	KootenayArc2010
RMK0074	RMK0074	Grab	Revelstoke Trend	No Assays	NAD83_11N	475609	5616818	32242	KootenayArc2010
RMK0123	RMK0123	Grab	Center Trend	No Assays	NAD83_11N	473754	5622083	32242	KootenayArc2010
RMK0224	RMK0224	Grab	Center Trend	No Assays	NAD83_11N	473557	5622057	32242	KootenayArc2010
RMK0225	RMK0225	Grab	Center Trend	No Assays	NAD83_11N	473590	5622114	32242	KootenayArc2010
RMK0226	RMK0226	Grab	Center Trend	No Assays	NAD83_11N	473591	5622115	32242	KootenayArc2010
RMK0227	RMK0227	Grab	Center Trend	No Assays	NAD83_11N	473592	5622116	32242	KootenayArc2010
RMK0228	RMK0228	Grab	Center Trend	No Assays	NAD83_11N	473593	5623117	32242	KootenayArc2010
RMK0229	RMK0229	Grab	Center Trend	No Assays	NAD83_11N	473594	5623118	32242	KootenayArc2010
RMK0230	RMK0230	Grab	Center Trend	No Assays	NAD83_11N	473575	5622122	32242	KootenayArc2010
RMK0231	RMK0231	Grab	Center Trend	No Assays	NAD83_11N	473572	5622123	32242	KootenayArc2010
RMK0232	RMK0232	Grab	Center Trend	No Assays	NAD83_11N	473570	5622108	32242	KootenayArc2010
RMK0233	RMK0233	Grab	Center Trend	No Assays	NAD83_11N	473564	5622130	32242	KootenayArc2010
RMK0234	RMK0234	Grab	Center Trend	No Assays	NAD83_11N	473568	5622106	32242	KootenayArc2010
RMK0235	RMK0235	Grab	Center Trend	No Assays	NAD83_11N	473543	5622096	32242	KootenayArc2010
RMK0236	RMK0236	Grab	Center Trend	No Assays	NAD83_11N	473546	5622065	32242	KootenayArc2010
RMK0237	RMK0237	Grab	Center Trend	No Assays	NAD83_11N	473538	5622055	32242	KootenayArc2010

Sample_ID	Site_ID	Sample_Type	Target_Zone	Geochemical_Subzone	Datum	Easting	Northing	ARIS_ID	Campaign_ID	Outcrop_Type	OC_Type_New	Lith_Code_New	Structure_New
RMK0239	RMK0239	Grab	Center Trend	No Assays	NAD83_11N	473141	5622415	32242	KootenayArc2010	FL	FL	QV	VN
RMK0240	RMK0240	Grab	Center Trend	No Assays	NAD83_11N	473141	5622415	32242	KootenayArc2010	FL	FL	QV	VN
RMK0241	RMK0241	Grab	Center Trend	No Assays	NAD83_11N	473145	5622410	32242	KootenayArc2010	FL	FL	QV	VN
RMK0242	RMK0242	Grab	Center Trend	No Assays	NAD83_11N	473210	5622386	32242	KootenayArc2010	FL	FL	QV	VN
RMK0243	RMK0243	Grab	Center Trend	No Assays	NAD83_11N	473278	5622343	32242	KootenayArc2010	FL	FL	QV	VN
RMK0244	RMK0244	Grab	Center Trend	No Assays	NAD83_11N	473302	5622318	32242	KootenayArc2010	FL	FL	QV	VN
RMK0245	RMK0245	Grab	Center Trend	No Assays	NAD83_11N	473311	5622322	32242	KootenayArc2010	FL	FL	QV	VN
RMK0246	RMK0246	Grab	Center Trend	No Assays	NAD83_11N	473303	5622291	32242	KootenayArc2010	FL	FL	QV	VN
RMK0247	RMK0247	Grab	Center Trend	No Assays	NAD83_11N	473311	5622278	32242	KootenayArc2010	FL	FL	QV	VN
RMK0248	RMK0248	Grab	Center Trend	No Assays	NAD83_11N	473318	5622289	32242	KootenayArc2010	FL	FL	QV	VN
RMK0249	RMK0249	Grab	Center Trend	No Assays	NAD83_11N	473316	5622288	32242	KootenayArc2010	FL	FL	QV	VN
RMK0250	RMK0250	Grab	Center Trend	No Assays	NAD83_11N	473312	5622296	32242	KootenayArc2010	FL	FL	QV	VN
RMK0251	RMK0251	Grab	Center Trend	No Assays	NAD83_11N	473205	5622357	32242	KootenayArc2010	OC	OC	QV	VN
RMK0152	RMK0152	Grab	Center Trend	No Assays	NAD83_11N	476305	5621685	32242	KootenayArc2010		SC	QV	VN
RMK0156	RMK0156	Grab	Revelstoke Trend	No Assays	NAD83_11N	475809	5616796	32242	KootenayArc2010		OC	UNK	
RMK0157	RMK0157	Grab	Revelstoke Trend	No Assays	NAD83_11N	475808	5616796	32242	KootenayArc2010		OC	UNK	
RMK0158	RMK0158	Grab	Revelstoke Trend	No Assays	NAD83_11N	475809	5616796	32242	KootenayArc2010		OC	ARG	
RMK0159	RMK0159	CHIPS	Revelstoke Trend	No Assays	NAD83_11N	475809	5616796	32242	KootenayArc2010	OC	OC	ARG	
RMK0160	RMK0160	Grab	Revelstoke Trend	No Assays	NAD83_11N	475807	5616795	32242	KootenayArc2010		OC	ARG	
RMK0161	RMK0161	Grab	Revelstoke Trend	No Assays	NAD83_11N	475809	5616816	32242	KootenayArc2010		OC	ARG	
RMK0162	RMK0162	Grab	Center Trend	No Assays	NAD83_11N	472237	5624981	32242	KootenayArc2010		FL	QV	VN
RMK0163	RMK0163	Grab	Center Trend	No Assays	NAD83_11N	472274	5624935	32242	KootenayArc2010		FL	QV	VN
RMK0164	RMK0164	Grab	Center Trend	No Assays	NAD83_11N	472272	5624925	32242	KootenayArc2010		FL	QV	VN
RMK0165	RMK0165	ROCk	Center Trend	No Assays	NAD83_11N	472284	5624911	32242	KootenayArc2010	OC	OC	QV	VN
RMK0380	RMK0380	CHIPS	Black Warrior Trend	Black Warrior 2	NAD83_11N	470404	5626423	32242	KootenayArc2010	OC	OC	LMST	
RMK0381	RMK0381	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470380	5626453	32242	KootenayArc2010		UNK	UNK	
RMK0382	RMK0382	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470380	5626453	32242	KootenayArc2010	OC	OC	LMST	
RMK0383	RMK0383	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470380	5626453	32242	KootenayArc2010	OC	OC	LMST	
RMK0384	RMK0384	ROCK	Black Warrior Trend	Black Warrior 2	NAD83_11N	470380	5626453	32242	KootenayArc2010	OC	OC	VN	VN
RMK0385	RMK0385	ROCK	Black Warrior Trend	Black Warrior 2	NAD83_11N	470380	5626453	32242	KootenayArc2010	OC	OC	VN	VN
RMK0386	RMK0386	TALUS	Black Warrior Trend	Black Warrior 2	NAD83_11N	470375	5625443	32242	KootenayArc2010	TAL	TAL	UNK	
RMK0387	RMK0387	CHIPS	Black Warrior Trend	Black Warrior 2	NAD83_11N	470375	5625443	32242	KootenayArc2010	TAL	TAL	LMST	
RMK0278	RMK0278	Grab	Center Trend	No Assays	NAD83_11N	472831	5622582	32242	KootenayArc2010	FL	FL	QV	VN
RMK0279	RMK0279	Grab	Center Trend	No Assays	NAD83_11N	472834	5622575	32242	KootenayArc2010	FL	FL	QV	VN
RMK0280	RMK0280	Grab	Center Trend	No Assays	NAD83_11N	472848	5622561	32242	KootenayArc2010	FL	FL	QV	VN
RMK0281	RMK0281	Grab	Center Trend	No Assays	NAD83_11N	472847	5622561	32242	KootenayArc2010	FL	FL	QV	VN
RMK0282	RMK0282	Grab	Center Trend	No Assays	NAD83_11N	472866	5622550	32242	KootenayArc2010	FL	FL	QV	VN
RMK0283	RMK0283	Grab	Center Trend	No Assays	NAD83_11N	472852	5622567	32242	KootenayArc2010	FL	FL	QV	VN
RMK0284	RMK0284	Grab	Center Trend	No Assays	NAD83_11N	472851	5622566	32242	KootenayArc2010	FL	FL	QV	VN
RMK0285	RMK0285	Grab	Center Trend	No Assays	NAD83_11N	472850	5622572	32242	KootenayArc2010	FL	FL	QV	VN
RMK0286	RMK0286	Grab	Center Trend	No Assays	NAD83_11N	472846	5622570	32242	KootenayArc2010	FL	FL	QV	VN
RMK0287	RMK0287	Grab	Center Trend	No Assays	NAD83_11N	472842	5622572	32242	KootenayArc2010	FL	FL	QV	VN
RMK0288	RMK0288	Grab	Center Trend	No Assays	NAD83_11N	472835	5622569	32242	KootenayArc2010	FL	FL	QV	VN
RMK0289	RMK0289	Grab	Center Trend	No Assays	NAD83_11N	472831	5622571	32242	KootenayArc2010	FL	FL	QV	VN
RMK0290	RMK0290	Grab	Center Trend	No Assays	NAD83_11N	472830	5622572	32242	KootenayArc2010	FL	FL	QV	VN
RMK0291	RMK0291	Grab	Black Warrior Trend	No Assays	NAD83_11N	470428	5626547	32242	KootenayArc2010	FL	FL	QV	VN
RMK0292	RMK0292	Grab	Black Warrior Trend	No Assays	NAD83_11N	470425	5626547	32242	KootenayArc2010	FL	FL	QV	VN
RMK0293	RMK0293	Grab	Black Warrior Trend	No Assays	NAD83_11N	470432	5626515	32242	KootenayArc2010	FL	FL	QV	VN
RMK0294	RMK0294	Grab	Black Warrior Trend	No Assays	NAD83_11N	470448	5626484	32242	KootenayArc2010	FL	FL	LMST	VN
RMK0295	RMK0295	Grab	Black Warrior Trend	No Assays	NAD83_11N	470441	5626484	32242	KootenayArc2010	FL	FL	QV	VN
RMK0296	RMK0296	Grab	Black Warrior Trend	No Assays	NAD83_11N	470441	5626450	32242	KootenayArc2010	FL	FL	LMST	STKW
RMK0297	RMK0297	Grab	Black Warrior Trend	No Assays	NAD83_11N	470442	5626451	32242	KootenayArc2010	FL	FL	LMST	STKW
RMK0298	RMK0298	Grab	Black Warrior Trend	No Assays	NAD83_11N	470453	5626429	32242	KootenayArc2010	FL	FL	LMST	BX
RMK0299	RMK0299	Grab	Black Warrior Trend	No Assays	NAD83_11N	470457	5626384	32242	KootenayArc2010	FL	FL	QV	VN
RMK0300	RMK0300	Grab	Black Warrior Trend	No Assays	NAD83_11N	470433	5626404	32242	KootenayArc2010	FL	FL	QV	VN
RMK0301	RMK0301	Grab	Black Warrior Trend	No Assays	NAD83_11N	470423	5626404	32242	KootenayArc2010	FL	FL	QV	VN
RMK0302	RMK0302	Grab	Black Warrior Trend	No Assays	NAD83_11N	470404	5626437	32242	KootenayArc2010	FL	FL	QV	VN
RMK0303	RMK0303	Grab	Black Warrior Trend	No Assays	NAD83_11N	470419	5626411	32242	KootenayArc2010	FL	FL	LMST	
RMK0304	RMK0304	Grab	Black Warrior Trend	No Assays	NAD83_11N	470447	5626438	32242	KootenayArc2010	FL	FL	LMST	BX
RMK0305	RMK0305	ROCK	Revelstoke Trend	No Assays	NAD83_11N	475559	5616794	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0306	RMK0306	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475590	5616791	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0307	RMK0307	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475592	5616692	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0308	RMK0308	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475593	5616691	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0309	RMK0309	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475594	5616690	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0310	RMK0310	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475595	5616689	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0311	RMK0311	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470392	5626443	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0312	RMK0312	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470376	5626453	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0313	RMK0313	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470376	5626453	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0314	RMK0314	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470376	5626453	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0315	RMK0315	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470376	5626453	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0316	RMK0316	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470376	5626453	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0317	RMK0317	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470377	5626455	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0318	RMK0318	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470378	5626455	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0319	RMK0319	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470378	5626455	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0320	RMK0320	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470360	5626472	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0321	RMK0321	CHIPS	Black Warrior Trend	Black Warrior 2	NAD83_11N	470360	5626474	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0322	RMK0322	CHIPS	Black Warrior Trend	Black Warrior 2	NAD83_11N	470352	5626474	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0323	RMK0323	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470365	5626468	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0324	RMK0324	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470363	5626444	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0325	RMK0325	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470353	5626464	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0326	RMK0326	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470364	5626445	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0327	RMK0327	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470423	5626460	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0328	RMK0328	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470444	5626397	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0329	RMK0329	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470425	5626391	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0330	RMK0330	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470415	5626426	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0331	RMK0331	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470410	5626428	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0332	RMK0332	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470416	5626432	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0333	RMK0333	ROCK	Black Warrior Trend	Black Warrior 1	NAD83_11N	470377	5626461	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0360	RMK0360	GRAB	Black Warrior Trend	Black Warrior 1	NAD83_11N	470473	5626402	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0361	RMK0361	GRAB	Black Warrior Trend	Black Warrior 1	NAD83_11N	470485	5626388	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0362	RMK0362	CHIPS	Black Warrior Trend	Black Warrior 1	NAD83_11N	470486	5626379	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0363	RMK0363	ROCK	Black Warrior Trend	Black Warrior 1	NAD83_11N	470486	5626379	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0364	RMK0364	GRAB	Black Warrior Trend	Black Warrior 2	NAD83_11N	470496	5626376	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0365	RMK0365	GRAB	Black Warrior Trend	Black Warrior 1	NAD83_11N	470490	5626375	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0366	RMK0366	GRAB	Black Warrior Trend	Black Warrior 1	NAD83_11N	470495	5626381	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0367	RMK0367	GRAB	Black Warrior Trend	Black Warrior 1	NAD83_11N	470495	5626381	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0368	RMK0368	GRAB	Center Trend	Center 2	NAD83_11N	472946	5621715	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0369	RMK0369	GRAB	Center Trend	Center 2	NAD83_11N	472977	5621684	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0370	RMK0370	GRAB	Center Trend	Center 2	NAD83_11N	472971	5621691	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0371	RMK0371	GRAB	Center Trend	Center 2	NAD83_11N	472838	5620890	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0372	RMK0372	CHIPS	Center Trend	Center 2	NAD83_11N	472838	5620890	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0373	RMK0373	CHIPS	Center Trend	Center 2	NAD83_11N	472838	5620890	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0374	RMK0374	CHIPS	Center Trend	Center 2	NAD83_11N	472838	5620890	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0375	RMK0375	CHIPS	Center Trend	Center 2	NAD83_11N	472838	5620890	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0376	RMK0376	CHIPS	Center Trend	Center 2	NAD83_11N	472838	5620890	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0377	RMK0377	TALUS	Black Warrior Trend	Black Warrior 2	NAD83_11N	470404	5626423	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0378	RMK0378	CHIPS	Black Warrior Trend	Black Warrior 2	NAD83_11N	470404	5626423	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0379	RMK0379	CHIPS	Black Warrior Trend	Black Warrior 2	NAD83_11N	470404	5626423	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0388	RMK0388	CHIPS	Black Warrior Trend	Black Warrior 2	NAD83_11N	470375	5625443	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RMK0389	RMK0389	CHIPS	Black Warrior Trend	Black Warrior 2	NAD83_11N	470375	5625443	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0032	RTG0032	GRAB	Center Trend	No Assays	NAD83_11N	473501	5622132	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0033	RTG0033	GRAB	Center Trend	No Assays	NAD83_11N	473531	5622115	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0034	RTG0034	GRAB	Center Trend	No Assays	NAD83_11N	473530	5622114	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0035	RTG0035	GRAB	Center Trend	No Assays	NAD83_11N	473529	5622114	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0001	RTG0001	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475601	5616822	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0002	RTG0002	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475722	5616620	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0003	RTG0003	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475730	5616632	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0004	RTG0004	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475757	5616633	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0005	RTG0005	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475752	5616643	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0006	RTG0006	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475756	5616640	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0007	RTG0007	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475720	5616695	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0008	RTG0008	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475653	5616823	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0009	RTG0009	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475664	5616838	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0010	RTG0010	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475660	5616830	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0011	RTG0011	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475670	5616827	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]
RTG0012	RTG0012	GRAB	Revelstoke Trend	No Assays	NAD83_11N	475651	5616832	32242	KootenayArc2010	[illegible]	[illegible]	[illegible]	[illegible]

Sample_ID	Site_ID	Sample_Type	Target_Zone	Geochemical_Subzone	Datum	Easting	Northing	ARIS_ID	Campaign_ID	Site_Comments	Outcrop_Type
RMK8025	RMK8025	GRAB	Revelstoke Trend	Revelstoke	NAD83_11N	474830	5617635	30719	LimeDyke2008		SC
RMK8026	RMK8026	GRAB	Revelstoke Trend	Revelstoke	NAD83_11N	474838	5617614	30719	LimeDyke2008		OC
RMK8027	RMK8027	GRAB	Revelstoke Trend	Revelstoke	NAD83_11N	474834	5617623	30719	LimeDyke2008		OC
RMK8028	RMK8028	GRAB	Revelstoke Trend	Revelstoke	NAD83_11N	474797	5617608	30719	LimeDyke2008		SC
RMK8029	RMK8029	GRAB	Revelstoke Trend	Revelstoke	NAD83_11N	474815	5617616	30719	LimeDyke2008		OC
RMK8030	RMK8030	GRAB	Revelstoke Trend	Revelstoke	NAD83_11N	474815	5617617	30719	LimeDyke2008		OC
RMK8031	RMK8031	GRAB	Revelstoke Trend	Revelstoke	NAD83_11N	474774	5617587	30719	LimeDyke2008		OC
RMK8060	RMK8060	GRAB	Badshot Trend	Badshot	NAD83_11N	468235	5630345	30719	LimeDyke2008		FL
RMK8061	RMK8061	GRAB	Badshot Trend	Badshot	NAD83_11N	468235	5630345	30719	LimeDyke2008		FL
RMK8062	RMK8062	GRAB	Badshot Trend	Badshot	NAD83_11N	468235	5630345	30719	LimeDyke2008		FL
RMK8063	RMK8063	GRAB	Badshot Trend	Badshot	NAD83_11N	468235	5630345	30719	LimeDyke2008		FL
RMK8064	RMK8064	GRAB	Badshot Trend	Badshot	NAD83_11N	468235	5630345	30719	LimeDyke2008		FL
RMK8065	RMK8065	CHIPS	Center Trend	Center 1	NAD83_11N	474668	5623319	30719	LimeDyke2008		OC
RMK8066	RMK8066	GRAB	Center Trend	Center 1	NAD83_11N	474668	5623320	30719	LimeDyke2008		OC
RMK8067	RMK8067	GRAB	Center Trend	Center 1	NAD83_11N	474656	5623317	30719	LimeDyke2008		FL
RMK8068	RMK8068	GRAB	Center Trend	Center 1	NAD83_11N	474652	5623317	30719	LimeDyke2008		OC
RMK8069	RMK8069	CHIPS	Center Trend	Center 1	NAD83_11N	474651	5623316	30719	LimeDyke2008		OC
RMK8070	RMK8070	GRAB	Center Trend	Center 1	NAD83_11N	474654	5623317	30719	LimeDyke2008		OC
RMK8071	RMK8071	GRAB	Center Trend	Center 1	NAD83_11N	474653	5623312	30719	LimeDyke2008		OC
RMK8072	RMK8072	GRAB	Center Trend	Center 1	NAD83_11N	474648	5623319	30719	LimeDyke2008		SC
RMK8073	RMK8073	GRAB	Center Trend	Center 1	NAD83_11N	474648	5623318	30719	LimeDyke2008		FL
RMK8074	RMK8074	GRAB	Center Trend	Center 1	NAD83_11N	474648	5623318	30719	LimeDyke2008		FL
RMK8075	RMK8075	GRAB	Center Trend	Center 1	NAD83_11N	474648	5623318	30719	LimeDyke2008		FL
RMK8076	RMK8076	GRAB	Center Trend	Center 1	NAD83_11N	474648	5623318	30719	LimeDyke2008		FL
RMK8077	RMK8077	CHIPS	Center Trend	Center 1	NAD83_11N	474502	5623208	30719	LimeDyke2008		FL
RMK8078	RMK8078	CHIPS	Center Trend	Center 1	NAD83_11N	474492	5623211	30719	LimeDyke2008		OC
RMK8079	RMK8079	CHIPS	Center Trend	Center 1	NAD83_11N	474490	5623215	30719	LimeDyke2008		OC
RMK8080	RMK8080	GRAB	Center Trend	Center 1	NAD83_11N	474490	5623214	30719	LimeDyke2008		SC
RMK8081	RMK8081	GRAB	Center Trend	Center 1	NAD83_11N	474501	5623208	30719	LimeDyke2008		OC
RMK8082	RMK8082	GRAB	Center Trend	Center 1	NAD83_11N	474483	5623204	30719	LimeDyke2008		FL
RMK8083	RMK8083	CHIPS	Center Trend	Center 1	NAD83_11N	474483	5623205	30719	LimeDyke2008		OC
RMK8084	RMK8084	GRAB	Center Trend	Center 1	NAD83_11N	474841	5623205	30719	LimeDyke2008		FL
RMK8085	RMK8085	GRAB	Center Trend	Center 1	NAD83_11N	474478	5623208	30719	LimeDyke2008		OC
RMK8086	RMK8086	GRAB	Center Trend	Center 1	NAD83_11N	474478	5623204	30719	LimeDyke2008		FL
RMK8087	RMK8087	CHIPS	Center Trend	Center 1	NAD83_11N	474472	5623208	30719	LimeDyke2008		SC
RMK8088	RMK8088	GRAB	Center Trend	Center 1	NAD83_11N	474648	5623317	30719	LimeDyke2008		FL
RMK8089	RMK8089	GRAB	Center Trend	Center 2	NAD83_11N	472623	5624006	30719	LimeDyke2008		FL
RMK8090	RMK8090	GRAB	Center Trend	Center 3	NAD83_11N	472642	5623848	30719	LimeDyke2008		FL
RMK8091	RMK8091	GRAB	Center Trend	Center 3	NAD83_11N	472657	5623816	30719	LimeDyke2008		OC
RMK8092	RMK8092	GRAB	Center Trend	Center 3	NAD83_11N	472658	5623816	30719	LimeDyke2008		OC
RMK8093	RMK8093	GRAB	Center Trend	Center 3	NAD83_11N	472640	5623854	30719	LimeDyke2008		FL
RMK8094	RMK8094	GRAB	Center Trend	Center 3	NAD83_11N	472627	5623850	30719	LimeDyke2008		FL
RMK8095	RMK8095	GRAB	Center Trend	Center 3	NAD83_11N	472624	5623865	30719	LimeDyke2008		FL
RMK8096	RMK8096	GRAB	Center Trend	Center 2	NAD83_11N	472604	5623869	30719	LimeDyke2008		FL
RMK8097	RMK8097	GRAB	Center Trend	Center 3	NAD83_11N	472624	5623866	30719	LimeDyke2008		FL
RMK8098	RMK8098	GRAB	Center Trend	Center 3	NAD83_11N	472587	5623865	30719	LimeDyke2008		FL
RMK8099	RMK8099	GRAB	Center Trend	Center 3	NAD83_11N	472587	5623866	30719	LimeDyke2008		FL
RMK8100	RMK8100	GRAB	Center Trend	Center 1	NAD83_11N	472588	5623866	30719	LimeDyke2008		FL
RMK8101	RMK8101	GRAB	Center Trend	Center 3	NAD83_11N	472651	5623868	30719	LimeDyke2008		FL
RMK8102	RMK8102	GRAB	Center Trend	Center 2	NAD83_11N	472655	5623862	30719	LimeDyke2008		FL
RMK8103	RMK8103	GRAB	Center Trend	Center 2	NAD83_11N	472862	5623861	30719	LimeDyke2008		FL
RMK8104	RMK8104	GRAB	Center Trend	Center 3	NAD83_11N	472666	5623867	30719	LimeDyke2008		FL
RMK8105	RMK8105	GRAB	Center Trend	Center 2	NAD83_11N	472658	5623868	30719	LimeDyke2008		FL
RMK8106	RMK8106	GRAB	Center Trend	Center 3	NAD83_11N	472443	5623882	30719	LimeDyke2008		FL
RMK8107	RMK8107	GRAB	Center Trend	Center 2	NAD83_11N	472435	5623891	30719	LimeDyke2008		FL
RMK8108	RMK8108	GRAB	Center Trend	Center 2	NAD83_11N	472483	5623845	30719	LimeDyke2008		FL
RMK8109	RMK8109	GRAB	Center Trend	Center 2	NAD83_11N	472496	5623853	30719	LimeDyke2008		FL
RMK8110	RMK8110	GRAB	Center Trend	Center 3	NAD83_11N	472498	5623853	30719	LimeDyke2008		FL
RMK8111	RMK8111	GRAB	Center Trend	Center 2	NAD83_11N	473116	5624152	30719	LimeDyke2008		FL
RMK8112	RMK8112	GRAB	Center Trend	Center 2	NAD83_11N	473100	5624188	30719	LimeDyke2008		FL
RMK8113	RMK8113	GRAB	Center Trend	Center 2	NAD83_11N	473102	5624199	30719	LimeDyke2008		FL
RMK8114	RMK8114	GRAB	Center Trend	Center 2	NAD83_11N	473072	5624199	30719	LimeDyke2008		FL
RMK8115	RMK8115	GRAB	Center Trend	Center 1	NAD83_11N	473034	5624236	30719	LimeDyke2008		FL
RMK8116	RMK8116	GRAB	Center Trend	Center 2	NAD83_11N	473032	5624238	30719	LimeDyke2008		FL
RMK8117	RMK8117	CHIPS	Center Trend	Center 1	NAD83_11N	473026	5624280	30719	LimeDyke2008		OC
RMK8118	RMK8118	CHIPS	Center Trend	Center 1	NAD83_11N	473024	5624282	30719	LimeDyke2008		OC
RMK8119	RMK8119	GRAB	Center Trend	Center 2	NAD83_11N	473039	5624257	30719	LimeDyke2008		FL
RMK8120	RMK8120	GRAB	Center Trend	Center 2	NAD83_11N	473070	5624225	30719	LimeDyke2008		FL
RMK8121	RMK8121	GRAB	Center Trend	Center 2	NAD83_11N	473107	5624151	30719	LimeDyke2008		FL
RMK8122	RMK8122	GRAB	Center Trend	Center 2	NAD83_11N	473107	5624151	30719	LimeDyke2008		FL
RMK8123	RMK8123	GRAB	Center Trend	Center 2	NAD83_11N	473116	5624150	30719	LimeDyke2008		FL
RMK8143	RMK8143	GRAB	Center Trend	Center 2	NAD83_11N	474011	5622657	30719	LimeDyke2008		SC
RMK8144	RMK8144	GRAB	Center Trend	Center 2	NAD83_11N	474011	5622656	30719	LimeDyke2008		OC
RMK8145	RMK8145	GRAB	Center Trend	Center 2	NAD83_11N	474012	5622655	30719	LimeDyke2008		OC
RMK8146	RMK8146	GRAB	Center Trend	Center 2	NAD83_11N	474012	5622653	30719	LimeDyke2008		SC
RMK8147	RMK8147	GRAB	Center Trend	Center 2	NAD83_11N	474013	5622651	30719	LimeDyke2008		SC
RMK8148	RMK8148	GRAB	Center Trend	Center 2	NAD83_11N	474013	5622649	30719	LimeDyke2008		FL
RMK8149	RMK8149	GRAB	Center Trend	Center 2	NAD83_11N	474014	5622647	30719	LimeDyke2008		FL
RMK8150	RMK8150	GRAB	Center Trend	Center 2	NAD83_11N	474014	5622644	30719	LimeDyke2008		FL
RMK8151	RMK8151	GRAB	Center Trend	Center 2	NAD83_11N	474015	5622638	30719	LimeDyke2008		FL
RMK8152	RMK8152	GRAB	Center Trend	Center 2	NAD83_11N	474015	5622634	30719	LimeDyke2008		FL
RMK8153	RMK8153	GRAB	Center Trend	Center 2	NAD83_11N	474016	5622631	30719	LimeDyke2008		FL
RMK8154	RMK8154	GRAB	Badshot Trend	Badshot	NAD83_11N	468863	5629476	30719	LimeDyke2008		FL
RMK8155	RMK8155	GRAB	Badshot Trend	Badshot	NAD83_11N	468860	5629503	30719	LimeDyke2008		OC
RMK8156	RMK8156	GRAB	Badshot Trend	Badshot	NAD83_11N	468856	5629500	30719	LimeDyke2008		SC
RMK8157	RMK8157	GRAB	Badshot Trend	Badshot	NAD83_11N	468756	5629635	30719	LimeDyke2008		FL
RMK8158	RMK8158	GRAB	Badshot Trend	Badshot	NAD83_11N	468599	5629632	30719	LimeDyke2008		FL
RMK8159	RMK8159	GRAB	Badshot Trend	Badshot	NAD83_11N	468588	5629859	30719	LimeDyke2008		FL
21126	21126	ROCK	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	476384	5619843	18090	OphirLade-1988	Data confidence low due to hand plotted map with little topographic reference.	OC
21127	21127	ROCK	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	476380	5619805	18090	OphirLade-1988		TAL
21128	21128	ROCK	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	476356	5619828	18090	OphirLade-1988		FL
21129	21129	ROCK	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	476064	5620078	18090	OphirLade-1988		OC
21130	21130	ROCK	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	476068	5620150	18090	OphirLade-1988		OC
21132	21132	ROCK	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	476459	5619870	18090	OphirLade-1988		OC
21133	21133	ROCK	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	476444	5619857	18090	OphirLade-1988		OC
21134	21134	ROCK	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	476465	5619860	18090	OphirLade-1988		OC
21135	21135	ROCK	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	476452	5619851	18090	OphirLade-1988		OC
21136	21136	ROCK	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	476518	5619932	18090	OphirLade-1988		OC
21137	21137	ROCK	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	476375	5619830	18090	OphirLade-1988		FL
21138	21138	ROCK	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	476289	5619849	18090	OphirLade-1988		FL
21139	21139	ROCK	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	476160	5619676	18090	OphirLade-1988		OC
21140	21140	ROCK	Ophir Lade Trend	Ophir Lade 1	NAD83_11N	476262	5619585	18090	OphirLade-1988		OC
21141	21141	ROCK	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	476098	5620145	18090	OphirLade-1988		OC
21142	21142	ROCK	Ophir Lade Trend	Ophir Lade 1	NAD83_11N	476289	5619841	18090	OphirLade-1988		FL
21143	21143	ROCK	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	476308	5619872	18090	OphirLade-1988		FL
21144	21144	ROCK	Ophir Lade Trend	No Assays	NAD83_11N	476815	5619853	18090	OphirLade-1988		OC
21145	21145	ROCK	Ophir Lade Trend	No Assays	NAD83_11N	477290	5619371	18090	OphirLade-1988	Screened (+100 mesh) by the lab and found to contain coarse gold	OC
21146	21146	ROCK	Ophir Lade Trend	No Assays	NAD83_11N	477276	5619369	18090	OphirLade-1988		OC
21147	21147	ROCK	Ophir Lade Trend	No Assays	NAD83_11N	477513	5619272	18090	OphirLade-1988		OC
21148	21148	ROCK	Ophir Lade Trend	No Assays	NAD83_11N	477246	5619368	18090	OphirLade-1988	Screened (+100 mesh) by the lab and found to contain coarse gold	OC
68601	68601	GRAB	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	477311	5619392	20477	OphirLade1990	Locations from ARIS 20477 Maps	
68602	68602	GRAB	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	477314	5619394	20477	OphirLade1990	Locations from ARIS 20477 Maps	
68603	68603	GRAB	Ophir Lade Trend	Ophir Lade 2	NAD83_11N	477267	5619389	20477	OphirLade1990	Locations from ARIS 20477 Maps	
68604	68604	GRAB	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	477137	5619371	20477	OphirLade1990	Locations from ARIS 20477 Maps	
68605	68605	GRAB	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	477111	5619364	20477	OphirLade1990	Locations from ARIS 20477 Maps	
68606	68606	GRAB	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	477123	5619313	20477	OphirLade1990	Locations from ARIS 20477 Maps	
68607	68607	GRAB	Ophir Lade Trend	Ophir Lade 3	NAD83_11N	477067	5619294	20477	OphirLade1990	Locations from ARIS 20477 Maps	
68608	68608	GRAB	Ophir Lade Trend	Ophir Lade 1	NAD83_11N	476211	5619221	20477	OphirLade1990	Locations from ARIS 20477 Maps	
68609	68609	GRAB	Ophir Lade Trend	Ophir Lade 1	NAD83_11N	476059	5619204	20477	OphirLade1990	Locations from ARIS 20477 Maps	
F929405	22MB005	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	477978	5615467	[2022]	Red Pony-2022		SC
F929406	22MB006	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	477927	5615556	[2022]	Red Pony-2022		SC
F929407	22MB007	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	477919	5615558	[2022]	Red Pony-2022		OC
F929408	22MB008	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	477820	5615643	[2022]	Red Pony-2022		OC
F929409	22MB009	ROCK	Revelstoke Trend	Revelstoke	NAD83_11N	477941	5615531	[2022]	Red Pony-2022		SC
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Sample_ID	Site_ID	Sample_Type	Target_Zone	Geochemical_Subzone	Datum	Easting	Northing	ARIS_ID	Campaign_ID	Site_Comments	Outcrop_Type	OC_Type_New	Lith_Code	Lith_Code_New	Structure_New	Rock_Description
B836687	B836687	ROCK	**Ophir Lade Trend**	**Ophir Lade 1**	NAD83_11N	477384	5619647	40257	RP_2021_P3		OC	**OC**	LMS	**LMST**		sample from same location with stronger alteration softer material likely weak clay alt of some sort moderate galena throughout quartz carbonate material likely some sphalerite but so heavily oxidized and weathered hard to tell. very rough dip and dip d
B836688	B836688	ROCK	**Ophir Lade Trend**	**Ophir Lade 3**	NAD83_11N	477392	5619549	40257	RP_2021_P3		OC	**OC**	CPHY	**PHY**	**VN**	heavily oxidized and pitted vein 60cm wide
B836689	B836689	ROCK	**Ophir Lade Trend**	**Ophir Lade 3**	NAD83_11N	477471	5619510	40257	RP_2021_P3		OC	**OC**	CPHY	**PHY**	**VN**	heavily oxidized quartz carbonate vein hosted in highly deformed chloritic Phyllite and less deformed coarser but still relatively fine grained sandstone. some small cross cutting veinlets parallel to ground
B836690	B836690	ROCK	**Ophir Lade Trend**	**Ophir Lade 2**	NAD83_11N	477410	5619345	40257	RP_2021_P3		OC	**OC**	SPHY	**PHY**	**VN**	extremely pitted epithermal? quartz veining heavily oxidized cross cutting foliation like dissolved pyrite.
B836691	B836691	ROCK	**Ophir Lade Trend**	**Ophir Lade 3**	NAD83_11N	477412	5619345	40257	RP_2021_P3		OC	**OC**	QCV	**QV**	**VN**	strongly hematite oxidized quartz carbonate vein cross cutting foliation
B836692	B836692	ROCK	**Ophir Lade Trend**	**Ophir Lade 2**	NAD83_11N	477417	5619345	40257	RP_2021_P3		OC	**OC**		**UNK**		appears to be ferrocrete likely a new feature due to weathering.
B836693	B836693	ROCK	**Ophir Lade Trend**	**Ophir Lade 3**	NAD83_11N	477410	5619346	40257	RP_2021_P3		FL	**FL**	SER-SCH	**SCH**	**VN**	small piece of float likely highly local contains two sets of veins cross cutting one another at roughly 90 degrees with some trace pyrite and heavily oxidized.
B836694	B836694	ROCK	**Ophir Lade Trend**	**Ophir Lade 2**	NAD83_11N	477415	5619294	40257	RP_2021_P3		OC	**OC**	PHY	**PHY**	**VN**	heavily pitted strongly oxidized epithermal style veining cross cutting foliation
B836695	B836695	ROCK	**Ophir Lade Trend**	**Ophir Lade 1**	NAD83_11N	477412	5618692	40257	RP_2021_P3		FL	**FL**	PGV	**PGV**	**VN**	large pegmatite vein with moderate blebs of galena found in grizzly bear hole looking for grubs just north west of moderate fault zone contains slickensides on margins of float vein material likely from up hill not time to follow up worthy target
B836696	B836696	ROCK	**Revelstoke Trend**	**Revelstoke**	NAD83_11N	480586	5614367	40257	RP_2021_P3		OC	**OC**	LMS	**LMST**	**VN**	quartz carbonate vein breccia bringing in moderate sphalerite and galena with minor pyrite. strongly oxidized and thinner bedding on margins of 5m Limestone bed.
B836697	B836697	ROCK	**Revelstoke Trend**	**Revelstoke**	NAD83_11N	480599	5614364	40257	RP_2021_P3		OC	**OC**	LMS	**LMST**		sampled beside B836696 but collected wall rock as opposed to vein material. very very heavily oxidized
B836698	B836698	ROCK	**Revelstoke Trend**	**Revelstoke**	NAD83_11N	480735	5614506	40257	RP_2021_P3		OC	**OC**	CPHY	**PHY**	**VN**	heavily folded qtz carbonate vein with oxidized pyrite contains cross cutting tension gashes perpendicular to major vein axis narrow and discontinuous

Sample_ID	Au_ppb	Ag_ppm	Al_pct	As_ppm	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppb	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppm	In_ppm	K_pct
B836687	413	17.9	0.45	20		30	0.25	3	1	710		6	19		777	4.32	5					0.18
B836688	2.5	0.25	1.5	2.5		60	0.5	2	0.07	2		7	50		8	2.55	5					0.53
B836689	2.5	0.25	2.03	5		40	0.25	2	2.71	2.2		9	35		7	2.76	5					0.23
B836690	4600	0.5	2.35	326		130	0.6	10	0.01	0.25		5	49		7	5.03	10					0.98
B836691	18	0.25	0.45	7		30	0.25	1	0.01	0.25		16	33		16	17	5					0.18
B836692	3840	0.5	7.81	537		510	2.2	19	0.01	0.25		23	72		23	16	20					3.15
B836693	2.5	0.25	3.56	10		30	0.25	1	1.25	0.25		3	32		1	2.52	5					0.15
B836694	1090	0.7	0.56	542		30	0.25	10	0.01	0.25		15	26		34	14.9	5					0.22
B836695	466	29	0.27	51		10	0.25	1	0.005	1.4		1	43		13	1.01	5					0.09
B836696	2.5	0.25	0.28	5		10	0.25	1	5.52	0.25		1	32		3	9.19	5					0.06
B836697	5	0.9	0.35	20		20	0.25	2	5.47	1		4	0.5		9	40.2	5					0.06
B836698	2.5	0.25	6.33	2.5		140	0.6	2	0.93	0.25		17	37		86	3.32	10					0.41

Sample_ID	La_ppb	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppm	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
B836687	5000		0.14	2960	0.5	0.02		11	1490	10100					1.56	14	0.5			19			10	0.01	5	5	5	5		128500	
B836688	10000		0.1	1065	3	0.15		13	310	32					0.01	2.5	2			11			10	0.04	5	5	12	5		398	
B836689	5000		0.65	1270	2	1.12		8	1070	73					0.02	2.5	4			132			10	0.18	5	5	29	5		373	
B836690	10000		0.05	287	2	0.07		5	290	19					0.07	2.5	4			16			10	0.05	5	5	22	5		50	
B836691	5000		0.06	5140	2	0.01		38	170	13					0.1	2.5	6			8			10	0.01	5	5	8	5		83	
B836692	40000		0.2	301	1	0.38		20	880	20					0.17	2.5	12			55			10	0.08	5	5	80	5		46	
B836693	10000		0.04	1415	1	2.66		7	1340	6					0.01	2.5	3			94			10	0.03	5	5	8	5		67	
B836694	5000		0.04	1760	1	0.02		14	250	30					0.11	2.5	2			4			10	0.02	5	5	9	5		31	
B836695	5000		0.01	98	2	0.02		2	30	16150					0.29	17	0.5			3			10	0.01	5	5	4	5		109	
B836696	5000		0.17	5680	2	0.04		2	50	182					0.03	2.5	0.5			210			10	0.005	5	5	2	5		34	
B836697	5000		0.87	23200	0.5	0.06		8	90	166					0.32	2.5	0.5			239			10	0.005	5	5	4	5		88	
B836698	30000		0.69	1675	1	3.4		18	1120	129					0.01	2.5	5			154			10	0.09	5	5	23	5		68	