2011 Assessment Report for a

Tailings Drilling Program

July, 2011

On the

Mt. Washington Property

Nanaimo Mining Division

BCGS Map Sheet 092F074
NTS Map Sheets 092F/11 & 092F/14
UTM Zone 10N 340100E 5513700N

For Clibetre Exploration Ltd.

By Jacques Houle, P.Eng.

November 15, 2011

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Introduction

Property location, physiography and access

The Mt. Washington Property is centred approximately 25 kilometres due west of the city of Courtenay, B.C. in east-central Vancouver Island at latitude 49^0 45' N. and longitude 125^0 15' W. The Mt. Washington Property is situated along the eastern side of the insular mountains of Vancouver Island with elevations ranging from 550 metres in the east to 1,590 metres at the top of Mt. Washington. Topography ranges from steep mountains to poorly drained swamps, but is mostly covered by northeast draining creek valleys. Most of the property is covered by second growth mixed forest including active logging areas, except the areas above 1,100 metres which are mostly primary coniferous forest including minor sub-alpine areas above 1,400 metres. The climate is warm and dry in the summer and cool and wet in the winter, with snow accumulations of up to 5 metres above 1,000 metres elevation from November to June. This allows a snow-free field season of approximately 4 months from July to October for any field work, although site specific or underground work could continue throughout the year.

Access to the Mt. Washington Property from the full service communities of Comox and Courtenay is via 4-lane Highway 19 north from the Comox Valley Parkway for 12 kilometres to the paved 2-lane Strathcona Parkway, and west for 10 kilometres to the beginning of the Tsolum Main logging road. At this point just east of the east end of the Property, both the Parkway and the Tsolum Main, proceeding west and northwest respectively, and ultimately meeting, providing excellent access to most of the property, as well as the Mt. Washington Alpine Resort, where lodging and basic supplies are readily available during the summer and fall. Comox has both an international airport and a small hospital. Campbell River, 40 kilometres north of Mt. Washington, is the mining service hub of Vancouver Island. Travel time from either Comox or Campbell River to the property is 45 minutes.

Property definition, owner, operator, geology and history

The property covers approximately 2688 hectares, as shown in several of the accompanying figures, but best shown in Figure 1a. It is comprised of twenty two legacy 2-post mineral claims, eight cell mineral claims, and four crown granted mineral claims (gold and silver rights only), as shown in Tables 1 and 2. The mineral claims are located on NTS maps sheets 092F/11 or 092F/14 in the Nanaimo Mining Division. The crown granted mineral claims are located in the Comox Land District. All the claims and crown grants are held 100% by Clibetre Exploration Ltd. There is considerable internal overlap between the different tenures held by Clibetre, and others. Clibetre's crown grants and legacy mineral tenures pre-date and therefore should have precedence over any rights held through overlapping cell mineral tenures. Clibetre is a private company owned and operated by the Rennie family, descendants of the late Cliff Rennie, P.Eng. Infrastructure in the immediate area of the Property is shown in Figure 1b.

Table 1

Mount Washington Property Tenures as of November 15, 2011									
Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
229726	DJV 1	105072 (100%)	Mineral Legacy	Claim	092F	1982/oct/01	2012/apr/14	GOOD	25
229727	DJV 2	105072 (100%)	Mineral Legacy	Claim	092F	1982/oct/01	2012/apr/14	GOOD	25
229728	DJV 3	105072 (100%)	Mineral Legacy	Claim	092F	1982/oct/01	2012/apr/14	GOOD	25
229730	DJV 5	105072 (100%)	Mineral Legacy	Claim	092F	1982/oct/01	2012/apr/14	GOOD	25
232419	MWC 101	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232420	MWC 102	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232425	MWC 115	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232426	MWC 116	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232427	MWC 117	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232428	MWC 151	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232429	MWC 152	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232430	MWC 153	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232433	MWC 201	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232434	MWC 202	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232435	MWC 203	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232436	MWC 204	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232437	MWC 206	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232439	MWC 212	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232446	MWC 222 FR	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232455	MWC 231	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232456	MWC 232	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
232458	MWC 234	105072 (100%)	Mineral Legacy	Claim	092F	1973/sep/13	2012/apr/14	GOOD	25
512485		105072 (100%)	Mineral Cell	Claim	092F	2005/may/12	2012/apr/14	GOOD	855.326
537029	MW	105072 (100%)	Mineral Cell	Claim	092F	2006/jul/13	2012/apr/14	GOOD	62.607
537054	DOMINEER 1	105072 (100%)	Mineral Cell	Claim	092F	2006/jul/13	2012/apr/14	GOOD	41.736
537144	DOMINEER 2	105072 (100%)	Mineral Cell	Claim	092F	2006/jul/13	2012/apr/14	GOOD	500.888
537145	DOMINEER 3	105072 (100%)	Mineral Cell	Claim	092F	2006/jul/13	2012/apr/14	GOOD	521.581
537343	MW2	105072 (100%)	Mineral Cell	Claim	092F	2006/jul/17	2012/apr/14	GOOD	41.741
607878	TAILINGS	105072 (100%)	Mineral Cell	Claim	092F	2009/jul/13	2012/apr/14	GOOD	208.7292
671343	MWEXTEN	105072 (100%)	Mineral Cell	Claim	092F	2009/nov/18	2012/apr/14	GOOD	83.5063
Totals	**30 Mineral Tenures**								**2866.11**

Table 2

Crown Granted Mineral Claims

Lot Number	Tenure Type	Claim Name	Owner	SID No.	Annual Fee	Status	Land District	Area
91G	Gold and Silver	Domineer No.1	Clibetre Expl. Ltd.	403640		Active	Comox	17.72
92G	Gold and Silver	Domineer No.3	Clibetre Expl. Ltd.	403800		Active	Comox	15.67
93G	Gold and Silver	Domineer No.4	Clibetre Expl. Ltd.	404000		Active	Comox	16.13
94G	Gold and Silver	Domineer No.6	Clibetre Expl. Ltd.	404260		Active	Comox	17.88
TOTALS	**4 Mineral Claims**				**$84.00**			**67.4**

The regional geological setting of the Mt. Washington property is very complex, reflecting the multiple sedimentary, tectonic and plutonic events in the geological history of mid-Vancouver Island. Within 75 km. of the property are exposed and mapped examples of four volcano-sedimentary successions and four intrusive suites shown in Figure 1c and summarized in the following geological legend:

Age	Volcano-sedimentary Units	Intrusive Units
Tertiary	(unnamed) volcanics, pyroclastics	Mt. Washington
Cretaceous	Nanaimo Group sediments	
Jurassic	Bonanza Group Lemare Lake volcanics	Island
Triassic	Bonanza Group Parson Bay volc's., sed's.	
Triassic	Vancouver Group Quatsino limestones	
Triassic	Vancouver Group Karmutsen volcanics	Mt. Hall
Permian	Buttle Lake Group sediments	
Devonian	Sicker Group volcanics	West Coast

In the mid-Vancouver Island area, these volcano-stratigraphic units are gently folded along northwest-trending axes, and are generally gently northeast-dipping, with the younger units more extensive along the east side of the island. The West Coast intrusives are re-crystallized rocks of various origins occurring mainly along the Pacific coast. The Mt. Hall intrusive suites are relatively uncommon, basic intrusives coeval with the Karmutsen plateau basalts. The Jurassic Island Intrusives are the most extensive, forming elongate northwest-trending felsic batholiths, stocks and dykes, and often show magnetic high expressions (see Figure 1d). The Mt. Washington intrusives are also felsic, but occur in isolated clusters of small stocks both along the Pacific coast, and along a northeast corridor between Tofino and Comox.

Structurally, mid-Vancouver Island is dominated by steeply-dipping, northwest-trending horst and graben structures, and by steeply dipping, north-south strike-slip faults. There are also many short strike lengths, steeply-dipping, northeast-trending (possibly early) faults, and occasional, shallowly-dipping thrust faults. This complex structural history combined with the multiple intrusive events have served to juxtapose the various volcano-sedimentary units in unexpected relative positions, usually only apparent after detailed geological mapping and three dimensional (drilling) data compilation by very skilled and experienced geoscientists. Such detailed information is generally only available in areas of current or prior economic interest, such as at the former Forbidden Plateau area projects (5-15 km southwest), the Myra Falls Mine (30 km southwest), the Catface Project (75 km southwest), and at Mt. Washington.

The local area around Mt. Washington from Strathcona Park in the west to Constitution Hill in the east hosts exposures of only three ages of rocks, with rock codes from Figure 1c as follows:

- Tertiary volcanics, pyroclastics; and Mt. Washington intrusives and breccias (EOIM)
- Cretaceous Nanaimo Group sediments (uKN)
- Triassic Vancouver Group Karmutsen volcanics and tuffs (uTrVK)

Most of the local area is underlain and surrounded by massive, pillowed, or porphyritic volcanic flows and tuffs of the Triassic Karmutsen Formation, which are extensively faulted and locally brecciated and/or hornfelsed near intrusions. Gently east-dipping Cretaceous Nanaimo Group conglomerates, sandstones and/or siltstones increase eastwards in exposure, and unconformably overlie the Karmutsen volcanics. Some rocks previously mapped as hornfelsed Nanaimo Group sandstones (Carson, 1960) have been re-interpreted as Tertiary volcaniclastics and/or intrusive sills (Dahl et al., 1988; and Muller, 1988). Tertiary Mt. Washington Intrusive Suite fine to medium grained and porphyritic felsic stocks, sills, dikes and various breccias occur as circular to elliptical, upright cylindrical bodies and intrude all other rock types in the local area. These intrusions and related breccias are probably sub-volcanic, and may be more extensive and numerous at depth, where some may even coalesce.

The Mt. Washington property geology is particularly complex, probably due to what has been interpreted as a collapsed volcanic dome structure (Dahl et al.). Shallow-dipping thrust and normal faults are cut by variably trending, steeply-dipping faults. At least two sub-parallel thrust faults have apparently displaced the peaks of both Mt. Washington and Constitutional Hill, possibly along bedding planes of the Nanaimo sediments and/or Tertiary volcaniclastics. This has been interpreted as a detachment fault environment similar to that found in the south-western USA (Muller). At least seven different breccia bodies have been mapped on the property by various company geologists, and range widely in texture and composition, some of which are associated with intrusive stocks, sills and dikes. All breccia bodies are spatially associated with polymetallic sulphide mineralization hosted in faults, veins, and breccia matrix. It appears that mineralization post-dates the breccias, the intrusions and the faulting, possibly including the detachment style thrust faulting. The northeast-trending faults appear to be oldest, and possibly control the emplacement of intrusions and breccias.

Deposit Types

The mineral deposits that have been historically explored developed and mined on the Mt. Washington property could be classified as one or more of the following types under the B.C. Mineral Deposit Profile categories:

- Epithermal Au-Ag-Cu: High Sulphidation - H04

- Epithermal Au-Ag: Low Sulphidation – H05
- Porphyry Cu-Mo-Au – L04

The Lakeview-Domineer Developed Prospect (MINFILE 092F116) and the Mt. Washington Copper Past Producer (MINFILE 092F117) were classified under both the High Sulphidation Epithermal (H04) and Porphyry (L04) categories when last updated in MINFILE in 1989-90. The Murex Prospect (MINFILE 092F206) was classified as a Porphyry (L04) and the Oyster Prospect (MINFILE 092F365) as a Low Sulphidation Epithermal (L05), both in 1990.

Mineralization

Seventeen select metallic mineral occurrences have been discovered and documented on the Mt. Washington property as per the History section of this report, by type with approximate locations, orientations and dimensions as follows:

Quartz-Sulphide Veins and Zones:

Domineer No.1 Vein (may be contiguous with Lakeview Zone to the west)

- Centred at 5514250 N, 334250 E, 1415 m. elevation
- Orientation 0^0 Strike, 20^0 Dip West
- Dimension 750 m. length x 150 m. width x 1 m. thick
- Delineated by mapping, sampling of 10-15 trenches, 50-75 drill holes

Domineer No. 2 Vein

- Centred at 5514100 N, 334650 E, 1355 m. elevation
- Orientation 030^0 Strike, 50^0 Dip Southwest
- Dimension 125 m. length x unknown width x 0.1 m. thick
- Delineated by mapping, sampling of 5 trenches, possibly 1 drill hole

Domineer No. 3 Vein

- Centred at 5514100 N, 334900 E, 1415 m. elevation
- Orientation 020^0 Strike, Dip unknown
- Dimension 20 m. length x unknown width x 1 m. thick
- Delineated by mapping, sampling of 3 trenches, not drill-tested

Domineer No. 4 Vein

- Centred at 5514200 N, 334350 E, 1395 m. elevation
- Orientation 320^0 Strike, 25^0 Dip Northeast
- Dimension 50 m. length x unknown width x 0.5 m. thick
- Delineated by 10-15 trenches, possibly 3 drill holes

Mt. Washington Copper No.1 Zone (Tunnel Block, South Pit)

- Centred at 5514800 N, 334200 E, 1315 m. elevation
- Orientation 0^0 Dip (Flat)
- Dimension 250 m. north-south x 200 m. east-west x 2 m. thick
- Delineated by trenching, 100's of drill holes, and 210 m. underground adit
- Largely mined out by open pit in the 1960's

Mt. Washington Copper No.2 Zone (Noranda Block, North Pit)

- Centred at 55115230 N, 3342000 E, 1315 m. elevation
- Orientation 0^0 Dip (Flat)
- Dimension 250 m. length x 200 m. width x 2 m. thick
- Delineated by trench and 100's of drill holes
- Largely mined out by open pit in the 1960's

Lakeview Zone (West Grid, Meadows; may be contiguous with Domineer No.1 Vein)

- Centred at 5514200 N, 333850 E, 1375 m. elevation
- Orientation 0^0 Dip (Flat)
- Dimension 750 m. north-south x 375 m. east-west x 1-3 m. thick
- Delineated by trench samples, about 200 drill holes and 290 m. underground adit
- Mineral resource estimate of 550,298 tonnes @ 6.75 g/t gold, 32.23 g/t silver includes Domineer, West Grid (Historical, and not to current standards)

Sump Zone

- Centred at 5514100 N, 333800 E, 1315 m. elevation
- Orientation 0^0 Strike, Steeply West Dipping
- Dimension 60 m. length x unknown width x 40 m. thick (4-5 veins)
- Delineated by trench samples, 12 drill holes

Float Area

- Centred at 5514800 N, 333750 E, 1330 m. elevation
- Orientation 0^0 Strike, Dip unknown
- Dimension 30 m. length x unknown width x 1 m. thick
- Delineated by trench samples, about 200 drill holes

Sulphide Breccia Zones:

Washington & Glacier Breccias

- Centred at 5514650 N, 334200 E, 1315 m. elevation
- Orientation 350^0 Azimuth, unknown plunge
- Dimension 1100 m. length x 500 m. width x unknown depth
- Delineated by outcrop and trench mapping and sampling, 15-25 drill holes

Murray Breccia

- Centred at 5514300 N, 333900 E, 1300 m. elevation
- Orientation 340^0 Azimuth, unknown plunge
- Dimension 750 m. length x 300 m. width x unknown depth
- Delineated by outcrop and trench mapping and sampling, 5-10 drill holes

Quarry Breccia

- Centred at 5515000 N, 336000 E, 990 m. elevation
- Orientation circular / cylindrical with unknown plunge
- Dimension 200 m. diameter x unknown depth
- Delineated by outcrop and trench mapping and sampling, 5-10 drill holes

Oyster Breccia (partially beyond property boundary)

- Centred at 5516500 N, 334300 E, 1110 m. elevation
- Orientation circular / cylindrical with unknown plunge
- Dimension 400 m. diameter x unknown depth
- Delineated by outcrop and trench mapping and sampling, 9 drill holes

Murex Breccia Lower Creek Zone (Zone A, may include Tsolum Breccia)

- Centred at 5514750 N, 337500 E, 750 m. elevation
- Orientation 315^0 Strike, Steep plunge

- Dimension 750 m. length x unknown width x 175 m. thick (4 zones)
- Delineated by outcrop and trench mapping and sampling, 10-15 drill holes

Murex Breccia Upper Creek Zone (Zone D)

- Centred at 5514100 N, 337250 E, 900 m. elevation
- Orientation 300^0 Azimuth, Steep plunge
- Dimension 750 m. length x unknown width x 175 m. thick (2-3 zones)
- Delineated by outcrop trenching and mapping, 20-30 drill holes

Murex Breccia East Zone (east of and beyond property boundary)

- Centred at 5513750 N, 339500 E, 575 m. elevation
- Orientation 300^0 Azimuth, Steep plunge
- Dimension unknown length x unknown width x 3 m. thick
- Delineated by outcrop trenching and mapping, 1 drill hole

Pinetree Creek

- Centred at 5517850 N, 331000 E, 760 m. elevation
- Orientation unknown, but exposed over 400 m. along creek bed
- Delineated by outcrop and boulder sampling

Regional aeromagnetic data over the immediate area of the Property appears in Figure 1d; and regional geochemistry data for copper and gold, along with MINFILE and ARIS data appear in Figure 1e. A list of ARIS reports for technical work filed in the immediate area of the Property appears in Table 3. The history of the Property pre-dates the initiation of the ARIS database.

Table 3

Mt. Washington Area ARIS Reports as of November 15, 2011

Report #	Property Name	MINFILE #	Latitude/ Longitude (NAD83)	General Work	View PDF Report	Pages	File Size kB
30010	Mt. Washington	092F 116 092F 117 092F 206 092F 365 092F 512 092F 515	49 46 00 125 17 34	Geological	30010.PDF	76	8,995

22498	Mt. Washington	092F 117	49 46 29 125 18 05	Drilling, Geochemical	22498.PDF	53	1,648
19081	Dove		49 44 59 125 13 05	Geochemical, Geological, Geophysical, Physical	19081A.PDF 19081B.PDF 19081C.PDF 19081D.PDF 19081E.PDF	180 18 19 44 114	5,623 3,845 1,726 4,873 1,366
18473	Mt. Washington	092F 330	49 46 29 125 18 05	Drilling, Geochemical	18473.PDF	167	24,734
18472	Mt. Washington	092F 116 092F 117	49 46 29 125 18 05	Drilling, Geochemical	18472.PDF	251	32,380
18391	Murex	092F 117 092F 206	49 45 29 125 15 05	Drilling, Geochemical, Geological, Geophysical, Physical	18391A.PDF 18391B.PDF	215 38	4,786 31,271
18337	Joe Anne	092F 329	49 46 29 125 22 05	Drilling, Geochemical, Geological, Geophysical, Physical	18337A.PDF	154	8,255
18119	Murex	092F 206	49 45 59 125 14 05	Geochemical, Geological, Geophysical, Physical	18119.PDF	54	16,161
17500	Dove		49 47 08 125 14 30	Geophysical, Physical	17500.PDF	105	25,762
17193	Mt. Washington	092F 365	49 46 44 125 18 12	Drilling, Geochemical, Geological, Geophysical, Physical	17193.PDF	79	8,477
17181	Mt. Washington	092F 116	49 45 26 125 18 07	Drilling	17181.PDF	149	17,343
17123	Mt. Washington	092F 116	49 45 28 125 18 20	Drilling, Geochemical, Physical	17123.PDF	392	47,228
17096	Joe Anne	092F 329	49 43 59 125 22 05	Geochemical, Geological, Physical	17096.PDF	42	5,171

17033	Mt. Washington	092F 206	49 46 29 125 15 05	Drilling, Geochemical	17033.PDF	144	15,167
16762	Mt. Washington		49 45 28 125 18 20	Drilling	16762.PDF 16762A.PDF 16762B.PDF 16762C.PDF 16762D.PDF	40 62 46 111 131	3,114 6,686 4,135 8,871 9,482
16542	*	092F 116 092F 330 092F 117 092F 365 092F 206 092F 309 092F 329	49 46 05 125 22 05	Geophysical	16542.PDF	40	29,060
16412	Dove		49 44 59 125 12 23	Geochemical, Geological	16412.PDF	98	4,643
15857	*	092F 330	49 45 29 125 18 23	Drilling, Geochemical, Physical	15857.PDF	89	4,890
15826	*	092F 206	49 45 17 125 15 23	Drilling, Geochemical, Physical	15826.PDF	77	4,146
15825	*	092F 116	49 45 35 125 18 05	Drilling, Geochemical	15825.PDF	100	5,647
15776	*	092F 330	49 46 29 125 18 05	Geochemical, Physical	15776.PDF	31	2,612
15765	Mt. Washington	092F 116 092F 117 092F 206 092F 330	49 46 29 125 18 05	Drilling, Geochemical	15765A.PDF 15765B.PDF 15765C.PDF 15765D.PDF 15765E.PDF 15765F.PDF	56 25 31 31 86 88	3,763 1,419 1,996 2,303 4,288 4,899
15526	*	092F 330	49 46 53 125 18 23	Geochemical, Physical	15526.PDF	31	2,161
15395		092F 117 092F 330	49 45 41 125 18 11	Drilling, Geochemical	15395.PDF	52	2,512
15228		092F 117 092F 206	49 45 35 125 14 35	Drilling, Geochemical,	15228.PDF	25	1,359

				Physical			
15116		092F 329	49 42 59 125 21 05	Geochemical, Geological	15116.PDF	104	5,725
14889		092F 329	49 43 23 125 21 23	Geochemical, Geological	14889.PDF	45	6,783
14705		092F 116 092F 117 092F 206	49 45 11 125 16 47	Geological	14705.PDF	25	2,258
14684		092F 309	49 46 59 125 22 05	Drilling, Geochemical	14684.PDF	31	1,727
14595			49 43 59 125 22 05	Geochemical, Geological, Prospecting	14595.PDF	40	2,461
14426			49 43 59 125 16 35	Geochemical, Geological	14426.PDF	74	3,438
14085		092F 116 092F 117 092F 206	49 45 29 125 16 05	Drilling	14085.PDF	9	648
13952			49 43 59 125 22 05	Geochemical, Geological, Physical	13952.PDF	53	7,601
13598		092F 309	49 46 59 125 21 05	Geochemical, Geological, Prospecting	13598.PDF	52	5,566
12605		092F 116 092F 117	49 45 29 125 18 05	Drilling, Geochemical	12605.PDF	82	4,549
12604		092F 116 092F 117 092F 206	49 45 29 125 15 35	Geochemical, Physical	12604A.PDF 12604B.PDF	21 16	1,204 749
12320			49 43 59 125 16 05	Geochemical, Prospecting	12320.PDF	32	2,344
12015		092F 183	49 46 17 125 12 35	Geochemical, Prospecting	12015.PDF	17	1,495
11996		092F 116 092F 117	49 45 41 125 18 05	Geochemical	11996.PDF	22	746
11995		092F 206	49 45 29 125 15 47	Geochemical	11995.PDF	18	569
11946		092F 116	49 45 29 125 18 35	Geochemical	11946.PDF	18	1,371
9445			49 46 17 125 16 47	Geochemical	09445.PDF	51	1,756

6930	Mt. Washington		49 46 17 125 16 47	Geochemical	06930.PDF	30	1,133
6407	MWC		49 46 17 125 16 47	Geochemical	06407.PDF	29	1,694
5980	AWC or Mt. Washington		49 46 17 125 16 47	Drilling	05980.PDF	11	658
5979	Mt. Washington		49 46 17 125 16 47	Drilling	05979.PDF	15	4,523
5604	Mt. Washington Copper		49 46 17 125 16 47	Drilling	05604.PDF	32	5,088
5267	Mt. Washington Copper		49 46 17 125 16 47	Drilling	05267.PDF	68	3,301
5146	MWC		49 46 17 125 16 47	Drilling	05146.PDF	31	3,650
4505	Murex		49 46 17 125 16 47	Physical	04505.PDF	3	1,258
4471	Cam		49 46 17 125 16 47	Physical	04471.PDF	2	293
1691	C.G.O.G.		49 46 17 125 16 47	Geophysical	01691.PDF	69	3,019
1145	MT. WASHINGTON		49 46 17 125 16 47	Geological, Geophysical, Geochemical	01145.PDF	52	4,500
1142	LITCHIE		49 46 17 125 16 47	Geophysical, Geological,	01142.PDF	30	1,453
1120	MT. WASHINGTON		49 46 17 125 16 47	Geological, Geochemical	01120.PDF	35	3,184
839	MG		49 46 17 125 16 47	Geochemical	00839.PDF	11	359

Panning for gold on the Oyster River, which drains an area including the western slopes of Mt. Washington, was a common occupation during the depression years in the early 20th century. Some individuals panned four dollars' worth of gold per day (D.J.T. Carson, 1960). This work, presumably from the 1920's, is the earliest documentation of any metallic mineral exploration in the area. H.C. Gunning of the G.S.C. identified and documented occurrences of gold, silver and copper in the Forbidden Plateau area, southwest of Mt. Washington (H.C. Gunning, 1930).

In 1940 J.M. MacKay discovered and staked several gold-silver-copper veins on the Central and West arms of Mt. Washington, including the No.1, No.2 and No.3 Veins on the Domineer mining claim group. An access trail, trenching, channel sampling, bulk sampling and

metallurgical testing were completed in 1941. The most significant results were obtained from channel sampling of the 20^0 west-dipping No.1 (Main) Vein by geologist D.F. Kidd as follows:

13.8 g/t gold
232 g/t silver
0.945 m. average thickness
27.4 m. strike length

The metallurgical testing consisted of flotation and cyanidation of a 12 kg. composite sample of assay rejects from the Domineer mining claim group was completed by the Canadian Bureau of Mines, including six polished thin sections, at the request of D.F. Kidd. The sample head grade assayed as follows:

8.23 g/t gold
216 g/t silver
5.48 % arsenic
1.74 % copper
15.33% iron
13.88% sulphur
0.45 % zinc
0.76 % lead

Mineralogical work identified pyrite, arsenopyrite, chalcopyrite, tetrahedrite and covellite in order of decreasing abundance in the sample. No native gold or silver were seen. Metallurgical test work suggested that the material was refractory, and that the gold was not amenable to gravity, cyanidation or bulk flotation. Five different tests were conducted, all showing high reagent consumptions and tailings assays, and poor metal recoveries, in part due to the oxidized nature of the sample. Results indicate that a method of selective flotation offered the best possibilities for treating the Domineer ore.

In 1944, the Domineer mining claim group was acquired by the Consolidated Mining and Smelting Co. of Canada Ltd. (Cominco), who completed geological mapping and additional trenching and sampling, along with several short adits during the period 1944-45. Cominco first identified and documented the presence of intrusive breccias on the west arm of Mt. Washington, and discovered the No.4, No.5, No.6 and No.7 Veins on the Domineer Group. Cominco located and sampled the No.8 Vein, which Kidd mapped as a possible northwest extension of the No.1 Vein, on the adjacent President Group to the west. They also recorded and assayed for base metals when present. Channel sampling results from six discontinuous trenched exposures on the 50^0 east-dipping No.2 Vein yielded the highest gold grades of any veins sampled to date, as follows:

39.1 g/t gold
93.7 g/t silver
0.107 m. average thickness
122 m. strike length

In 1949, G.C. Murray staked the Murex Claim Group, located approximately 3 km. east of Mt. Washington, to cover north-south quartz stringers containing chalcopyrite, pyrite, pyrrhotite, and minor arsenopyrite and sphalerite exposed in outcrop along the bed of Murex Creek.

In 1951, the Domineer Group was acquired by Noranda Mines Ltd. (Noranda), who completed 13 exploration diamond drill holes in that year. The most significant intercepts were as follows:

- DDH No.2 yielded **41.7 m. @ 0.194% copper, including:**
  - **0.27 m. @ 7.2 g/t gold, 20.6 g/t silver, 0.10% copper and 6.4% zinc**
- DDH No.4 yielded **1.5 m. @ 6.21% copper, 68.6 g/t silver** (gold not recorded)
- DDH No.7 yielded **1.5 m. @ 4.11% copper, 34.3 g/t silver** (gold not recorded)

In 1956, the Mt. Washington Copper Co. Ltd. (Mt. Washington Copper) was formed by G.C. Murray, and an access road was completed to the West Arm of Mt. Washington, along with trenching in the Murex area. Also in 1956, A.C. Skerl, P.Eng. completed geological mapping in the Murex area, and identified an E-W striking fault breccia zone up to 6.1 m. thick containing lenses, seams and disseminations of pyrrhotite, chalcopyrite and pyrite hosted in mafic volcanics and tuffs. Five packsack exploration diamond drill holes were completed on a single section, for which no assays are recorded, but with mineralogical descriptions of massive sulphide intercepts as follows:

- Hole No.1 recovered **3.14 m. averaging 52% chalcopyrite**, 34% pyrrhotite, 13% pyrite over an intercept length of 4.57 m. from 0 m. to 4.57 m. at a 75^0 core angle
- Hole No.5 recovered **1.83 m. containing 30% chalcopyrite**, 50% pyrrhotite over an intercept length of 2.13 m. from 2.13 m. to 4.26 m. at a 45^0 core angle

In 1957, Noranda and Mt. Washington Copper began to jointly explore the Mt. Washington Property (Domineer and Murex areas). They completed an access road, 4 diamond drill holes, trenching, geological mapping, a self-potential survey, and soil sampling in the Murex area. No logs are available for the diamond drill holes, but a drilling summary table shows the following averaged intercepts (only copper reported):

- Hole 57-1 yielded **22.9 m. @ 0.24% copper**
- Hole 57-2 yielded **18.9 m. @ 0.41% copper**
- Hole 57-3 yielded **25.6 m. @ 0.63% copper**
- Hole 57-4 yielded **50.3 m. @ 0.36% copper**

In 1958, Noranda resumed drilling in the area of the West Arm of Mt. Washington, and completed an electromagnetic survey, mechanized stripping, and 10 diamond drill holes in two clusters 40 metres apart starting 50 metres north of the Domineer No.1 Vein. No drill logs are available for these holes, but the drill hole collar locations and traces are plotted on old map copies. As a result of the work completed in 1958, a near-surface flat-lying vein or zone containing several veins was indicated. Its thickness varied from 2 to 4.5 metres and its grade averaged about 2% copper. It outcropped at surface in several places and occurred over an area of about 75 by 200 metres (Carson, 1960).

In 1960-61, Noranda again resumed drilling, and completed 57 vertical definition diamond drill holes at nominal 50' spacing in the West Arm area, plus 2 exploration diamond drill holes in the Murex area. The most significant intercepts from the West Arm area were as follows:

- DDH 60-9 yielded **13.0 m. @ 0.66% copper, including:**
  - **1.5 m. @ 3.3% copper, 0.86 g/t gold, 55 g/t silver**
- DDH P.S. 60-8 yielded 3.0 m. @ 0.72% copper, ending in mineralization
- DDH P.S. 60-9 yielded 3.1 m. @ 0.75% copper, including:
  - 1.6 m. @ 1.2% copper (gold silver not recorded) ending in mineralization
- DDH 61-MW-1 yielded 3.0 m. @ 1.6% copper, 0.17 g/t gold, 6.9 g/t silver
- **DDH 61-MW-2 yielded 1.9 m. @ 2.4% copper, 1.7 g/t gold, 27 g/t silver**
- DDH 61-MW-6 yielded 3.3 m. @ 1.8% copper, 0.17 g/t gold, 34 g/t silver
- DDH 61-MW-7 yielded 4.6 m. @ 1.0% copper, 0.34 g/t gold, 45 g/t silver
- DDH 61-MW-9 yielded 2.4 m. @ 1.7% copper, 0.17 g/t gold, 38 g/t silver
- DDH 61-MW-10 yielded 6.9 m. @ 1.0% copper, trace gold, 63 g/t silver, incl.:
  - **1.2 m. @ 2.8% copper**
- **DDH 61-MW-16 yielded 1.5 m. @ 2.9% copper**
- **DDH 61-MW-18 yielded 4.6 m. @ 2.1% copper, 0.34 g/t gold, 38 g/t silver**
- **DDH 61-MW-27 yielded 1.4 m. @ 2.9% copper, 0.17 g/t gold, 10 g/t silver**
- DDH 61-MW-28 yielded 2.2 m. @ 1.9% copper, 0.17 g/t gold, 27 g/t silver
- **DDH 61-MW-30 yielded 1.8 m. @ 2.9% copper, 1.0 g/t gold, 48 g/t silver**
- DDH 61-MW-31 yielded 2.9 m. @ 1.7% copper, 0.17 g/t gold, 17 g/t silver
- DDH 61-MW-35 yielded 2.3 m. @ 1.4% copper, 0.17 g/t gold, 21 g/t silver
- **DDH 61-MW-37 yielded 1.4 m. @ 3.5% copper, 3.8 g/t gold, 161 g/t silver**
- DDH 61-MW-39 yielded 1.7 m. @ 1.8% copper, 4.1 g/t gold, 26 g/t silver

In the Murex area, one of 2 diamond drill holes (DDH 61-M1) collared 120 metres apart oriented due north at -50^0 intersected mafic volcanics containing multiple zones of quartz-calcite fracture controlled and locally disseminated pyrite, pyrrhotite and chalcopyrite, with somewhat disappointing intercepts achieved as follows:

- 2.7 m. @ 0.14% copper from 23.2 m. to 25.9 m., and
- 1.4 m. @ 0.17% copper from 48.7 m. to 50.1 m., and
- 1.2 m. @ 0.50% copper from 68.1 m. to 69.3 m., and
- 1.8 m. @ 0.15% copper from 75.9 m. to 77.7 m.

No records exist of any assays other than for copper from the Murex holes. Also of note, in 1960 D.J.T. Carson completed and published his M.Sc. thesis at the University of British Columbia, which was titled "Geology of Mount Washington Vancouver Island British Columbia". Carson's thesis documented in detail the geological setting and mineralization in the Mt. Washington area, including many of the various breccias.

In 1961, Mt. Washington Copper and Noranda formed a new company, Qualicum Mines Limited, to develop the Mt. Washington Property, and engaged consulting engineers Hill, Starck

& Associates Ltd. to undertake the mining geology and engineering. An agreement was reached with the Esquimalt and Nanaimo Railway Company Limited, owners of the base metals on the Mt. Washington Property, to mine and process ore. Development of the Mt. Washington Copper Mine was commenced, including installation of an all-season camp west of McKay Lake, and driving an exploration adit, which was completed in early 1962. The 2 m. x 2.5 m. adit was driven in a northerly direction along the strike of the mineralized zone for a distance of about 210 m, at an average elevation of 1315 m., and at an average gradient of +1.4%. The mineralization exposed in the ribs of the adit was mapped, and chip or channel sampled at 5' (1.52 m.) intervals, and assayed for copper, gold and silver. The initial (southern) portion of the adit yielded the following values:

160 m. length
2.07 m. average vertical thickness
2.03% copper
0.855 g/t gold
35.7 g/t silver

The thicknesses and grades confirmed the definition drilling results, and established the continuity of copper mineralization in the flat-lying vein structure through the southernmost of the two zones. The adit was stopped short of and not extended into the northernmost zone, and the northernmost 50 m. of the adit yielded much lower values of copper, silver and gold where chip or channel sampled. The southernmost zone was initially referred to as the Tunnel Block or the No.1 Zone, and the northernmost zone as the Noranda Block or the No.2 Zone. These were subsequently developed into the South Pit and North Pit, respectively. Pre-production mining commenced in the No. 1 Zone (South Pit), from which 4,000 tonnes of low grade ore was mined, trucked to Comox and shipped to the Britannia concentrator, plus 800 tonnes of higher grade ore was mined, trucked and shipped to the Tacoma smelter. Recovery information from the ore shipments is not available.

In 1962, an additional 31 diamond drill holes and 35 percussion drill test holes, along with stripping and trenching were completed on the No.2 Zone (North Pit) by Hill, Starck & Associates. Total indicated ore reserves were estimated at 553,400 tonnes @ 1.40% copper, 0.51 g/t gold and 41 g/t silver, consisting of 217,700 tonnes @ 1.43% copper in the No.2 Zone (North Pit) and 335,700 tonnes @ 1.39% copper in the No.1 Zone (South Pit). Open pit ratios of ore to waste were estimated at 1:1 to 1:4. Inferred ore located between the two zones was estimated at 132,500 tonnes @ 0.65% copper. The mineral resource estimates reported at this time are not to current industry standards.

In 1963-64, Mt. Washington Copper reached an agreement to complete development and construction of the Mt. Washington Mine with Consolidated Woodgreen Mines Limited, subsequently renamed Cumberland Mining Ltd. The companies formed a subsidiary company, Mount Washington Milling Co. Ltd., to operate the Mt. Washington Mine and Mill. Woodgreen/Cumberland's 800-1000 ton per day flotation mill from the Motherlode Property near Greenwood, B.C., was dismantled, moved and erected 3.1 km. east of and 550 m. lower than the Mt. Washington mine site (7.2 km. by road). A tailings dam was constructed 2.3 km.

east of and 180 m. below the mill site (2.4 km. by pipeline). Contract mining and trucking was undertaken by Tymac Construction Company. By late 1964, 82,500 tonnes of ore had been mined and stockpiled at the mill site, and 122,000 tonnes of waste had been moved. Furukawa Mining Co. provided advance funding for startup of the mine and mill in exchange for the sale of the entire output of copper concentrate. The Mt. Washington mine was officially opened on December 5, 1964. It is significant to note that the mill was a single stage crushing, grinding and flotation plant with a design throughput of 750 TPD based on year round milling, and on seasonal mining from the open pit mine during the summer and fall.

In 1963, Cominco optioned the portion of the Mt. Washington Property below 4000' elevation (1219 m.), and in 1963-64 completed geological mapping, ground magnetics, and 22 diamond drill holes. Cominco's focused its exploration efforts on the bulk ore potential of the various breccias identified across the property, but only split and sampled selected portions of the core, analyzed samples routinely for copper only, and subsequently dropped the option on the property in early 1965. The following significant drill intercepts were achieved and reported by Cominco, and are listed by target area:

In 10 drill holes testing the Murex Breccia:

- Hole No. C-1 yielded:
  - **56.1 m. @ 0.25% copper** from 0 to 56.1 m., and,
  - **11.4 m. @ 0.19% copper** from 114.5 m. to 125.9 m.
- Hole No. C-2 yielded:
  - **37.3 m. @ 0.25% copper** from 33.5 m. to 70.8 m.
- Hole No. C-14 yielded:
  - **75.7 m. @ 0.28% copper** from 12.2 m. to 87.9 m.
- Hole No. C-16 yielded:
  - **5.6 m. @ 0.56% copper** from 11.1 m. to 16.7 and
  - **36.6 m. @ 0.29% copper** from 34.7 m. to 71.3 m.
- Hole No. C-18 yielded:
  - **19.5 m. @ 0.28% copper** from 48.9 m. to 68.4 m.
- Hole No. C-19 yielded:
  - **26.8 m. @ 0.29% copper** from 22.6 m. to 49.4 m., and
  - **7.5 m. @ 0.39% copper** from 64.0 m. to 71.5 m., and
  - **8.8 m. @ 0.26% copper** from 141.6 m. to 150.4 m., and
  - **1.8 m. @ 4.8% copper** from 195.8 m. to 197.6 m.

In 7 drill holes testing the Washington Breccia beneath, or on trend with the open pits:

- Hole No. C-5 yielded:
  - **6.4 m. @ 0.92% copper** from 17.4 m. to 23.8 m., and
  - **0.8 m. @ 0.88% copper** from 40.5 m. to 41.3 m.
- Hole No. C-6 yielded:
  - **2.4 m. @ 0.80% copper** from 15.2 m. to 17.6 m.
- Hole No. C-7 yielded:

    - **4.1 m. @ 1.51% copper** from 7.8 m. to 11.9 m., and
    - **11.9 m. @ 0.34% copper** from 103.6 m. to 115.5 m.
- Hole No. C-9 yielded:
    - **26.5 m. @ 0.40% copper** from 3.4 m. to 29.9 m.
- Hole No. C-10 yielded:
    - **1.8 m. @ 1.1% copper** from 35.1 m. to 36.9 m., and
    - **7.3 m. @ 0.43% copper** from 149.1 m. to 156.4 m.

In 2 drill holes testing the Murray Breccia southwest of the open pits:

- Hole C-15 yielded:
    - **31.7 m. @ 0.27% copper, 0.26 g/t gold & 6.7 g/t silver** (61.0m.-92.7m.)

In 3 drill holes testing outcropping mineralization discovered during road construction northeast of the open pits, no significant drill intercepts were achieved.

In 1965, the Mount Washington Milling Co. mined 219,700 tonnes of ore, milled 170,100 tonnes of ore, stockpiled 49,600 tonnes of ore, and produced 8,100 tonnes of concentrate containing 1,704,300 kilograms of copper, 59,300 grams of gold and 3,723,000 grams of silver. In addition, 542,200 tonnes of waste and overburden was removed. The open pit operated from May 16th to December 10th, and the mill operated all year.

In 1966, the Mount Washington Milling Co. mined 156,100 tonnes of ore, milled 162,800 tonnes of ore, and produced 7,700 tonnes of concentrate containing 1,481,400 kilograms of copper, 67,900 grams of gold and 3,423,800 grams of silver. In addition, 273,200 tonnes of waste and overburden was removed. The open pit operated from the beginning of June to the end of November, and the mill operated all year.

In 1967, the Mount Washington Milling Co. milled 9,700 tonnes of stockpiled ore, and produced 1,400 tonnes of concentrate containing 257,500 kilograms of copper, 14,300 grams of gold and 552,700 grams of silver. At the end of March, the mill ceased operation and on April 3, 1967 the company was placed in receivership and all operations closed. The parent company maintained ownership of the property.

Over its 2.25 year mine life, the Mt. Washington mill processed 342,600 tonnes of ore averaging 1.005% copper, 0.413 g/t gold, and 22.5 g/t silver, generating 17,200 tonnes of concentrate containing 3,443,200 kilograms of copper, 141,500 grams of gold and 7,699,500 grams of silver. This data is from the Minister of Mines Annual Reports, and there exists conflicting data quoted elsewhere. Although mill recovery information is not available, calculated recoveries compared to the total indicated resources are estimated at 71% for copper, 81% for gold, and 55% for silver. The calculated tonnage and grades of the tailings dam are therefore estimated at 325,400 tonnes @ 0.41% copper, 0.10 g/t gold and 18 g/t silver, but is not a resource estimate to current industry standards.

In 1966-68, the Mt. Washington Copper Co. Ltd. and Qualicum Mines Ltd. engaged consulting engineer W.G. Stevenson, P.Eng. to undertake exploration work targeting primarily porphyry copper style mineralization on the Mt. Washington property. In 1966, Stevenson completed a reconnaissance soil geochemistry survey along selected roads between Wolf Lake and McKay Lake, and analyzed several hundred samples for zinc, with poor results. In 1967, Stevenson completed geological mapping, grid-based soil geochemistry, and initiated a few widely spaced lines of ground magnetic and induced polarization (I.P.) surveys in the Murex area surrounding the mill site. Approximately two hundred samples were analyzed for copper, showing a broad area of 1.6 km. by 1 km. with elevated copper values in soils, exceeding 280 ppm, the anomalous threshold as determine by J.S. Scott, P.Eng. The geophysics delineated a co-incident magnetic high and chargeability high over an area of 1100 metres by 700 metres, co-incident with the northern portion of the soil anomaly. The magnetic survey was supervised by D.W. Smellie, P.Eng. and the I.P. survey was supervised and interpreted by D.B. Sutherland, M.A. and R.A. Bell, PhD. of McPhar Geophysics Limited, who conducted the I.P. survey.

In 1968, the Mt. Washington property was optioned by Marietta Resources Ltd. (Marietta) from the Mt. Washington Copper Co. Ltd. Marietta engaged consulting engineer W.G. Stevenson, P.Eng. to continue exploring the property for porphyry copper style mineralization. In 1968, Stevenson initiated additional I.P.-resistivity survey lines and an airborne magnetic survey was conducted over much of the Mt. Washington property. The geophysics delineated three large magnetic highs along an E-W trend across the property, flanked by chargeability highs and resistivity lows from which 4 significant targets were established, named Zones A-D. The best target, Zone A, was delineated over a length of 4 km. and a width of 750 metres. C. Elliot, Mining Geophysical Engineer, supervised and interpreted both surveys. The airborne survey was conducted by Canadian Aero Mineral Surveys Limited.

In 1968-69 on behalf of Marietta, W.G. Stevenson obtained, re-logged and selectively sampled diamond drill core from Cominco's 1963-64 drilling programs, specifically for drill holes C-1 to C-4, C7 to C-10, C13 to C16 and C18 to C21. All sampled drill core was analyzed for copper, molybdenum, gold and silver. The following intercepts were obtained from essentially previously un-sampled core intervals from Cominco holes:

- Hole No.C-2 from the Murex Breccia which yielded:
    - **13.6 m. @ 0.15% copper, 0.06% molybdenum** from 78.2 m. to 91.8 m., including:
    - **7.2 m. @ 0.17% copper, 0.10% molybdenum** from 83.0 m. to 90.2 m.
- Hole No.C-7 from the Washington Breccia beneath the North Pit which yielded:
    - **70.4 m. @ 0.16% copper, 0.006% molybdenum** from 33.2 m. to 70.4 m., including:
    - **24.3 m. @ 0.16% copper, 0.016% molybdenum** from 61.0 m. to 85.3 m.
- Hole No.C-9 from the Washington Breccia east of the North Pit which yielded:
    - **76.2 m. @ 0.25% copper, 0.03% molybdenum, 0.22 g/t gold and 2.2 g/t silver** from 0 m. to 76.2 m., including:
    - **42.7 m. @ 0.26% copper, 0.05% molybdenum, 0.20 g/t gold and 1.9 g/t silver** from 6.1 m. to 48.8 m.

- Hole No.C-10 from the Washington Breccia south of the South Pit which yielded:
    - **30.3 m. @ 0.17% copper and 2.0 g/t silver** from 4.5 m. to 34.7 m., and,
    - **43.6 m. @ 0.24% copper and 2.0 g/t silver** from 34.7 m. to 78.3 m., and,
    - **34.1 m. @ 0.28% copper, 0.006% molybdenum and 1.7 g/t silver** from 131.1 m. to 165.2 m.
- Hole No. C-15 from the Murray Breccia southwest of the South Pit which yielded:
    - **15.3 m. @ 0.24% copper** from 94.4 m. to 109.7 m.

In 1969, on behalf of Marietta, W.G. Stevenson completed 15 diamond drill holes on the Mt. Washington property, following up new surface targets, geophysical targets and Cominco's drilling targets. Most of the holes were split and sampled over their entire lengths, and the samples analyzed for copper, molybdenum, silver and gold. The following drill results were achieved by Marietta, listed by target area:

In four holes testing I.P. target Zone A in the Murex area, no significant intercepts achieved, the best being:

- Hole 69-1 yielded 3 m. @ 0.26% copper, 5 ppm molybdenum and 2 ppm silver from 115.8 m. to 119.8 m., but averaged approximately 350 ppm copper over its entire 141 m. logged as mainly Karmutsen volcanics with some intrusives
- Hole 69-3 yielded 3 m. @ 0.03% copper and 0.02% ppm molybdenum from 100.6 m. to 103.6 m., but averaged approximately 250 ppm copper and 15 ppm molybdenum from 40 m. to the bottom of the hole at 305 m., logged as entirely Karmutsen volcanics
- Hole 69-6 yielded 3 m. @ 0.20% copper and 2.2 ppm silver from 116 m. to 119 m., but averaged approximately 250 ppm copper over its entire 152 m. depth, logged as entirely Karmutsen volcanics

In one hole testing co-incident I.P. target Zone C and magnetic target Body B in the Murex area, no significant intercepts achieved, the best being:

- Hole 69-2 yielded 3.0 m. @ 0.24% copper, 0.003% molybdenum and 1.8 ppm silver from 128 m. to 131 m., but averaged approximately 450 ppm copper over its entire 155 m. depth, logged as entirely Karmutsen volcanics

In one hole testing co-incident I.P. target Zone B and magnetic target Body A in the Murex area, the following significant intercept was achieved:

- Hole 69-4 yielded **3 m. @ 0.40% copper**, 0.001% molybdenum and **5 ppm** silver from 122 m. to 125 m., in silicified and sulphidic Karmutsen volcanics

In one hole testing magnetic target Body A in the Murex area, no significant intercepts achieved, the best being:

- Hole 69-7 yielded 3 m. @ 0.05% copper, 0.03% molybdenum and 1.5 ppm silver from 54.9 m. to 57.9 m., and was logged as hornblende syenite over its entire 305 m. length

In three holes testing surface copper-molybdenum mineralization exposed in a road cut east of McKay Lake, the following significant intercept, and two non-significant intercepts achieved:

- Hole 69-13 yielded **27.4 m.** @ 0.009% copper and **0.0375% molybdenum** in a mineralized breccia body (later named the Quarry Breccia), and minor intrusives
- Hole 69-8 yielded 4.6 m. @ 0.14% copper from 1.5 m. to 6.1 m. , and averaged approximately 250 ppm copper over its entire 67 m. depth, intersecting intrusives surrounding a breccia body
- Hole 69-9 yielded **3 m. @ 0.05% ppm molybdenum** at 85 m. to 88 m., and averaged approximately 250 ppm copper over its entire 93 m. depth, intersecting intrusives, Karmutsen volcanics and minor breccias

In two holes testing co-incident I.P. target Zone C and magnetic target Body B in the Murex area, the following two significant intercepts achieved:

- Hole 69-10 yielded **82.3 m. @ 0.20% copper, 0.015% molybdenum and 3.3 g/t silver** from surface to 82.3 m. in mineralized Murex Breccia
- Hole 69-14 yielded **27.4 m. @ 0.22% copper,** 0.005% molybdenum **and 3.4 g/t silver** from surface to 27.4 m. in mineralized quartzite and intrusives

In one hole following up Cominco's hole C-9 in the Washington Breccia east of the North Pit, the following significant intercept achieved:

- Hole 69-11 yielded **45.7 m. @** 0.09% copper, **0.028% molybdenum** and 1.8 g/t silver from surface to 45.7 m., intersecting mineralized Washington Breccia

In one hole following up Cominco's holes C-10 and C-15 testing surface mineralization in the Washington Breccia south of the South Pit, the following significant intercept achieved:

- Hole 69-15 yielded **19.5 m. @ 0.17% copper**, 0.003% molybdenum and **4.2 g/t silver** from 1.8 m. to 21.3 m., intersecting mineralized intrusives overlying Washington Breccia

In 1970, Marietta Resources Ltd. dropped the option on the Mt. Washington Property. R. Dunsmore, Geologist, supervised a ground electromagnetic survey over portions of property for the Mt. Washington Copper Co. in 1970, and located many anomalies.

In early 1972, the Minerals Section of Imperial Oil Limited (Esso) optioned the Mt. Washington property from Mt. Washington Copper Co. Ltd. Esso also completed agreements with all other tenure holders over an extensive area surrounding Mt. Washington, including five separate agreements with Canadian Pacific Oil & Gas (C.P.O.G.), the base metals rights holders, and surface rights holders, prior to commencing exploration work.

In 1972, Esso commenced a multi-year, systematic exploration program of the Mt. Washington Property under the direction of geologist D.A. Bridge. In the first year, Esso completed detailed geological mapping and chip sampling of the open pits and road cuts, assaying all samples for copper, molybdenum, gold and silver, plus selected samples for arsenic. A grid was established and two baselines were soil sampled, and soils analyzed for copper and molybdenum. An I.P.

survey was conducted along one of the grid baselines. No significant results were reported by Esso in 1972.

In 1973, Esso completed an airborne magnetic and electromagnetic (E.M.) geophysical survey over most of the property (see Figure 2e), a ground E.M. survey, an induced polarization (I.P.) survey, and seven diamond drill holes. The airborne geophysical survey was supervised by D.C. Fraser, Ph.D. of Aerodat Limited. The survey detected a large, elliptical east-west magnetic high 5 km. by 2.5 km. in size in the southeast portion of the property, corresponding with the Murex Breccia and quartz diorite intrusions, with numerous electromagnetic conductors along its northeast and southeast flanks. The survey also detected two circular, 500 m. diameter magnetic highs, one centred just northwest of McKay Lake, and one centred just west of Pyrrhotite Lake, corresponding with the North open pit and with the Oyster Breccia, respectively. The aeromagnetic high northwest of McKay Lake also displayed several electromagnetic conductors along its northern and western flanks. The ground E.M. survey was undertaken to locate airborne conductors near the open pits, and conducted by F.S. Eeg, C.E.T., but was terminated prior to its completion. The I.P. survey was conducted by P.E. Walcott, P.Eng., and was undertaken on two areas of the Murex Breccia, with nebulous results.

The drilling program in 1973 consisted of 7 holes, the first hole (Hole 73-1) which was abandoned in overburden. The fifth hole (Hole 73-5) was drilled to test an E.M. anomaly in the vicinity of Marietta drill hole M-1, and failed to achieve any significant intercepts, but only two core samples were taken over its 134 m. depth in spite of many notations of pyrite and chalcopyrite mineralization. The last hole (Hole 73-7) tested E.M. anomalies along the northeast flank of the large, elliptical magnetic anomaly in the vicinity of Marietta drill hole 69-3, and failed to achieve significant intercepts, the best being:

- Hole 73-7 yielded 50.3 m. @ 0.05% copper from 9.1 m. to 59.4 m.

The remaining four drill holes (Holes 73-2, 73-3, 73-4, and 73-6) were clustered in the vicinity of Marietta drill holes 69-8, 69-9 and 69-13, and yielded the following significant intercepts:

- Hole 73-3, which was systematically sampled and assayed for copper only, yielded:
    - **120.2 m. @ 0.24% copper** from 3.2 m. to 123.4 m., including:
        - **12.0 m. @ 0.48% copper** from 3.2 m. to 15.2 m., and,
        - **12.2 m. @ 0.61% copper** from 36.6 m. to 48.8 m., and,
        - **6.1 m. @ 0.65% copper** from 117.3 m. to 123.4 m.
- Hole 73-4, which was only selectively sampled and generally assayed only for copper, yielded:
    - **6.1 m. @ 0.40% copper, 0.019% molybdenum** and 0.26 g/t silver from 83.2 m. to 89.3 m. (only section assayed for anything but copper), and
    - 2.0 m. @ 0.22% copper from 94.2 m. to 96.2 m., and,
    - 3.1 m. @ 0.15% copper from 129.5 m. to 132.6 m., and,
    - 2.6 m. @ 0.24% copper from 134.1 m. to 136.7 m., and,
    - 1.8 m. @ 0.27% copper from 137.8 m. to 139.6 m., and,
    - 0.8 m. @ 0.20% copper from 144.9 m. to 145.7 m.
- Hole 73-6, which was systematically sampled and assayed for copper only, yielded:

    - **60.3 m. @ 0.20% copper** from 2.6 m. to 62.9 m., including:
        - **33.5 m. @ 0.27% copper** from 6.1 m. to 39.6 m., and,
    - **15.9 m. @ 0.15% copper** from 72.5 m. to 88.4 m., including:
        - **3.1 m. @ 0.39% copper** from 85.3 m. to 88.4 m., and,
    - **13.4 m. @ 0.31% copper** from 139.6 m. to 153.0 m., **ending in good mineralization, according to the drill log**

In 1974, Esso completed exploration work in 10 areas on the Mt. Washington property, consisting of geological mapping, prospecting, trenching, geochemical sampling, ground magnetic and electromagnetic surveys, and 21 diamond drill holes in 4 of those areas.

Two drill holes were completed in the northeast portion of the Murex area, referred to as the Murex Trend Breccia, with significant results as follows:

- Hole 74-2 intersected biotitic, mineralized shock breccia which yielded:
    - **46.5 m. @ 0.53% copper, 0.17 g/t gold and 7.2 g/t silver** from 9.1 m. to 55.6 m., and
    - **30.0 m. @ 0.245% copper,** 0.003 g/t gold **and 4.1 g/t silver** from 62.9 m. to 89.9 m.

In the Upper Murex Breccia, located in the southwest portion of the Murex area, and described as being clast-supported with a quartz-sulphide matrix, twenty one trenches and four drill holes were completed, with significant results as follows:

- Trench 1 chip sampling yielded **2.1 m. @ 0.32% copper, 0.79 g/t gold and 45 g/t silver**, and
- Trench 4 chip sampling yielded **1.0 m. @ 0.28% copper, 9.8 g/t gold and 6.2 g/t silver**
- Hole 74-3 yielded **57.15 m. @** 0.058% copper**, 0.73 g/t gold and 2.1 g/t silver** from 0 m. to 57.15 m., including:
    - **21.3 m. @ 0.082% copper, 1.6 g/t gold and 2.3 g/t silver** from 18.3 m. to 39.6 m.
- Hole 74-5 yielded **91.4 m. @ 0.13% copper,** 0.08 g/t gold **and 2.9 g/t silver** from 0 m. to 91.4 m. **ending in mineralization**, and including:
    - **33.5 m. @ 0.17% copper, 0.11 g/t gold and 3.5 g/t silver** from 10.7 m. to 44.2 m., and
    - **12.5 m. @ 0.14% copper, 0.21 g/t gold and 4.1 g/t silver** from 78.9 m. to 91.4 m.**, ending in mineralization**

In the West Murex Zone, grid-based soil sampling upslope from hole 69-10 yielded an area of approximately 200 m. by 100 m. with six samples exceeding 410 ppm copper, corresponding to a ground magnetic high trend. No drilling was done here in 1974.

In the Tsolum Breccia Zone, located at the east end of the Murex area, grid-based soil sampling and ground magnetics were conducted in the vicinity of an outcrop of intrusive breccia which contains visible chalcopyrite mineralization over approximately 25 m. Geophysics yielded a magnetic low over an area of approximately 300 m. by 100 m., and geochemistry yielded six

corresponding soil samples exceeding 320 ppm copper, and two samples exceeding 28 ppm molybdenum. No drilling was done here in 1974.

In the Oyster Ridge Breccia, described as a collapse breccia with a matrix of quartz, chlorite, calcite and iron oxides, and located west of Pyrrhotite Lake, grid-based soil sampling and a ground magnetic survey were completed in 1974. No significant result were obtained from the breccia, and no drilling was completed here in 1974, but outcrop chip sampling from intrusive dikes exposed in Pyrrhotite Creek 100 m. to the southwest yielded the following significant results:

- **0.9 m. @ 7.5 g/t gold, 5.2% arsenic**, 0.05% copper, 0.13% lead and 0.05% zinc in a sulphidic intrusive breccia, and
- **0.9 m. @ 2.67% copper, 0.69 g/t gold, 27 g/t silver** from a chalcopyrite-bornite bearing shear zone

In the Meadows Anomaly, located on the west flank of Mt. Washington, prospecting, grid-based soil sampling, a ground electromagnetic survey, and seven drill holes were completed in 1974. Prospecting yielded three sulphide showings in outcrop, one which yielded significant values from grab sampling as follows:

- **29 g/t gold, 142 g/t silver, 24% arsenic and 0.83% copper**

The Murray Vein (probably synonymous with the Domineer No.1 Vein), exposed in outcrop 550 metres east of the Meadows Anomaly, yielded significant values from two grab samples as follows:

- **2.7 to 20 g/t gold, 244 to 376 g/t silver, 1.7 to 4.7% arsenic, and 1.4 to 3.2% copper**

Also at the Meadows Anomaly, soil geochemistry yielded two parallel, north-south elongate zones of co-incident anomalous copper, silver and gold. Geophysics yielded numerous electromagnetic conductors. Drilling in 1974 consisted of a fence of four holes (74-12, -13, -14 and -19) testing the geochemical anomaly to the east of the outcrop showing, and another three holes (74-16, -17 and -18) testing the geophysical conductors, with potentially significant results as follows, considering that **no gold analyses** were completed on the core samples:

- Hole 74-12 intersected multiple fractured limonitic zones, including two which yielded:
    - 3.1 m. @ 0.043% copper, 0.128% arsenic and 13.4 g/t silver from 3.0 m. to 6.1 m., and,
    - 0.8 m. @ 0.64% copper, 0.052% arsenic and 5.0 g/t silver from 18.3 m. to 19.1 m.
- Hole 74-13 intersected multiple fractured limonitic zones, including two which yielded:
    - 0.6 m. @ 0.22% copper, 0.022% arsenic and 3.1 g/t silver from 6.1 m. to 6.7 m., and
    - 3.7 m. @ 0.027% copper, 0.32% arsenic and 12.1 g/t silver from 12.8 m. to 16.5 m.
- Hole 74-15 intersected multiple thin sulphidic zones, including one which yielded 1.2 m. @ 0.32% copper, 0.013% arsenic and 3.0 g/t silver from 2.8 m. to 4.0 m.

- Hole 74-17 intersected multiple thin sulphidic zones, including one which yielded 1.5 m. @ 0.15% copper, 0.024% arsenic and 2.5 g/t silver from 0.9 m. to 2.4 m.
- Hole 74-19 intersected fractured, limonitic and sulphidic zones, including one which yielded 3.1 m. @ 0.35% copper, 1.8% arsenic and 43 g/t silver from 1.5 m. to 4.6 m.

In the area of the former Mt. Washington Copper open pits, seven drill holes (74-6, 74-7, 74-8, 74-9, 74-10, 74-20 and 74-21) were completed in 1974 to test both for vein extensions and for disseminated copper mineralization within 300 metres of the pits. The following significant results were achieved:

- Hole 74-6 yielded **97.5 m. @ 0.20% copper, 0.14 g/t gold and 5.3 g/t silver** from 23.8 m. to 121.3 m. **(only 60.9 m. of the section were analyzed for gold and silver),** including:
    - **1.5 m. @ 3.8% copper, 0.51 g/t gold and 119 g/t silver** from 73.9 m. to 74.4 m.
- Hole 74-7 yielded **80.2 m. @ 0.13% copper, 0.96% arsenic, 0.18 g/t gold, and 3.1 g/t silver** from 19.5 m. to 99.7 m., including:
    - **0.9 m. @ 1.64% copper, 0.022% arsenic, 0.10 g/t gold and 45 g/t silver** from 25.6 to 26.5 m., and
    - **3.0 m. @ 0.142% copper, 2.25% arsenic, 2.6 g/t gold and 69 g/t silver** from 69.2 m. to 72.2 m.
- Hole 74-9 yielded **31.4 m. @ 0.146% copper, 0.007% arsenic, 0.017 g/t gold and 3.03 g/t silver** from 10.7 m. to 42.1 m., including:
    - **10.2 m. @ 0.252% copper, 0.002% arsenic, 0.013 g/t gold and 4.43 g/t silver** from 13.7 m. to 23.9 m.
- Hole 74-10 yielded **115.8 m. @ 0.094% copper (only copper analyzed consistently)** from 1.5 m. to 117.3 m. (the entire hole), including:
    - **1.5 m. @ 0.678% copper, 0.034 g/t gold and 8.57 g/t silver** from 38.1 m. to 39.6 m.
- Hole 74-21 yielded **21.6 m. @ 0.097% copper (only copper analyzed consistently)** from 0 m. to 21.6 m. (the entire hole), including:
    - **0.9 m. @ 0.298% copper, 0.041% arsenic, 0.103 g/t gold and 9.26 g/t silver** from 11.0 m. to 11.9 m.

Additional soil geochemistry and prospecting were completed by Esso in 1974 in three other areas: McKay Creek, the 101 Zone and the South Comox Zone, but no significant results were obtained.

In 1975, Esso completed work in 4 areas on the Mt. Washington property, including a ground magnetic survey, soil sampling and trenching in the Murex area, trenching and a test induced polarization line over the Tsolum Breccia, and three drill holes in two other areas.

In the Oyster Ridge Breccia, two widely spaced drill holes (75-1, -2) were completed, but with no significant results. In the Murray Breccia, one drill vertical hole (75-3) was completed from the ridge crest to a depth of 300.8 m., yielding several significant intercepts as follows:

- **3.2 m. @ 3.6 g/t gold, 7.5 g/t silver** from 102.4 m. to 105.6 m**.(abundant arsenopyrite in quartz, suggesting the Murray/Domineer No.1 Vein), and,**
- **32.3 m. @ 0.117% copper, 0.008 g/t gold (no other analyses) from** 210.6 m. to 242.9 m., including:
    - **15.4 m. @ 0.173% copper and 0.027 g/t gold (no other analyses)** from 224.5 m. to 239.9 m., and
- **15.2 m. @ 0.200% copper and 0.062 g/t gold (no other analyses)** from 279.5 m. to 294.7 m.

In the Tsolum Breccia, the I.P. test line was inconclusive, and two trenches 9 metres apart yielded the following significant results from bulk sampling:

- **3.7 m. @ 0.40% copper**, and
- **1.5 m. @ 0.21% copper**

In the Murex area, the ground survey confirmed a magnetic low response from the previous airborne survey. Soil sampling indicated a 65 m. diameter molybdenum anomaly from the edge of the magnetic low. A rock chip sample from fractured siltstone within the magnetic low yielded **0.172% copper and 0.039% molybdenum**.

Also in 1975, P.J. McGuigan completed a B.Sc. thesis at the University of British Columbia entitled, "Certain Breccias of the Mount Washington Property, Vancouver Island", based on work completed while he was working for Esso in 1972 and 1973.

In 1976, Esso drilled a single 344 metre hole (MW-84) collared at -60 in a southwest direction, approximately 400 metres southwest of McKay Lake. The hole tested the area near the Murray Breccia, was logged only in a cursory way by P.J. McGuigan, was only selectively sampled, and those samples were consistently analyzed only for copper. Hole MW-84 yielded multiple significant and largely un-bracketed intercepts as follows:

- **146.3 m. @ 0.284% copper from 9.1 m. to 155.4 m. and,**
- **9.1 m. @ 0.222% copper from 167.6 m. to 173.7 m. and,**
- **3.0 m. @ 0.143% copper from 192.0 m. to 195.0 m. and,**
- **3.0 m. @ 0.203% copper from 204.2 m. to 207.2 m. and,**
- **3.0 m. @ 0.192% copper from 216.4 m. to 219.4 m. and,**
- **3.0 m. @ 0.131% copper from 228.6 m. to 231.6 m. and,**
- **3.0 m. @ 0.103% copper from 240.8 m. to 243.8 m. and,**
- **3.0 m. @ 0.205% copper from 253.0 m. to 256.0 m. and,**
- **3.0 m. @ 0.193% copper from 265.2 m. to 268.2 m. and,**
- **3.0 m. @ 0.225% copper from 277.4 m. to 280.4 m. and,**
- **11.6 m. @ 0.134% copper from 290.2 m. to 301.8 m. and,**
- **9.1 m. @ 0.396% copper from 306.9 m. to 316.0 m. and,**
- **3.0 m. @ 0.499% copper from 338.4 m. to 341.4 m.**

From 1977 to 1982, Esso did not undertake any more exploration work on the Mt. Washington property, but instead concentrated primarily on metallurgical studies to investigate the feasibility of an on-site, low grade, heap leach copper operation. The lead consultant for these studies was A. Bruynesteyn of B.C. Research, and the project manager with Esso was R. Somerville, P.Eng. This time period coincided with a gradual decrease in the market price for copper, but also high volatility in the market prices for gold, silver and molybdenum, the other metals of potential interest at Mt. Washington. Esso terminated agreements covering the Mt. Washington property, and returned the mineral claims and crown grants to Mt. Washington Copper in 1982.

In late 1982, the mineral claims and crown grants covering the Mt. Washington property were acquired by Veerman-Botel Ltd. through an agreement with Mt. Washington Copper. Veerman-Botel did little work on the property before optioning it to Better Resources Ltd. (Better) in early 1983. In May, 1983, K.E. Northcote, P.Eng., completed a summary report on the property for Better Resources, and recommended that future exploration work be focused on both the high grade gold potential in the flat lying silicified zone, and the on the bulk tonnage gold potential of the breccia zones. He also noted that previous drilling was done using small diameter core, yielding poor recoveries in the fractured, weathered mineralized zones, and that the core samples were not systematically analyzed for gold. Mr. Northcote recommended a 2-phase, $310,000 exploration program on the Mt. Washington property, commencing with detailed re-evaluations of all previous work, including gold analyses of selected sample rejects. Better then staked many more claims, covering the West Arm, Murex Breccia and Oyster Breccia areas, and completed agreements with both Fording Coal Ltd. for the base metal rights and with the surface rights owner for the area covering the mineral claims and crown grants.

From 1983 to 1990, Better completed systematic exploration work targeting primarily the gold potential in the West Arm area of Mt. Washington. Most of Better's work on the Mt. Washington property was done under the direction of either J.F. Bristow, P.Eng. or C.C. Rennie, P.Eng., both former presidents and directors of Better. The company completed extensive grid-based soil geochemistry and targeted trenching across the property and chip sampling of showings, but the main exploration technique utilized was diamond drilling, using large diameter (generally NQ size) core, routinely analyzing core samples for gold, and surveying all drill collar locations.

By the end of 1986, Better had completed 55 drill holes in the West Arm area of Mt. Washington, renamed the Lakeview-Domineer area; and 10 holes in the Murex area. Most of the drill holes in the Lakeview-Domineer area yielded significant intercepts in gold and/or silver, including some of the better intercepts as follows:

- Hole 83-2 yielded **2.7 m. @ 9.8 g/t gold, 121 g/t silver and 3.2% arsenic** from 7.3 m. to 10.0 m. including:
    - **1.2 m.** @ **16.2 g/t gold, 263 g/t silver and 4.1% arsenic** from 8.8 m. to 10.0 m. **(5% chalcopyrite logged but not analyzed for copper)**

- Hole 84-15 yielded **0.9 m. @ 17.5 g/t gold, 120 g/t silver and 2.0% arsenic** from 17.4 m. to 18.3 m.
- Hole 86-5 yielded **5.3 m. @ 7.5 g/t gold, 36.6 g/t silver and 1.6% arsenic** from 4.6 m. to 9.9 m., including:
    - **1.5 m. @ 13.0 g/t gold, 3.8 g/t silver and 0.25% arsenic** from 4.6 m. to 6.1 m., and
    - **1.6 m. @ 24.3 g/t gold, 111.4 g/t silver, 2.15% copper and 4.8% arsenic** from 8.3 m. to 9.9 m.
- Hole 86-17 yielded **0.9 m. @ 9.3 g/t gold, 8.8 g/t silver, 0.08% copper and 1.35% arsenic** from 4.3 m. to 5.2 m. and,
- **1.5 m. @ 13.4 g/t gold, 20.9 g/t silver, 0.58% copper and 4.2% arsenic** from 15.8 m. to 17.3 m.

In February, 1987 J.J. McDougall, P.Eng. completed a summary report on the Mt. Washington Property for Better Resources, and completed preliminary mineral resource estimates using only drilling data (historical and not to current standards) for the Lakeview-Domineer area as follows:

Drill-Indicated Underground:

Area/Zone	Min. Grade	Min. Thickness	Tonnes	Gold	Silver
Lakeview	3.4 g/t gold	3.0 metres	176,632	7.9 g/t	33.6 g/t
Domineer	3.4 g/t gold	3.0 metres	37,387	7.2 g/t	66.5 g/t

Drill-Indicated Open Pit:

Area/Zone	Min. Grade	Min. Thickness	Tonnes	Gold	Silver
West Grid	1.7 g/t	not specified	119,115	2.4 g/t	15.4 g/t

Inferred Underground:

Area/Zone	Min. Grade	Min. Thickness	Tonnes	Gold	Silver
Central	not specified	not specified	440,627	6.2 g/t	not specified

In the Murex area, the following significant drill intercepts were achieved in 1986, **but none of the core samples were analyzed for molybdenum**:

- Hole MX-86-1 yielded **16.0 m. @ 6.1 g/t gold, 4.2 g/t silver and 0.17% copper from 1.5 m. to 17.5 m.,** including:
    - **6.8 m. @ 11.0 g/t gold, 5.0 g/t silver and 0.27% copper** from 10.7 m. to 17.5 m.
- Hole MX-86-6 yielded **22.0 m. @ 0.32 g/t gold, 0.92 g/t silver and 0.10% copper** from 15.2 m. to 37.2 m., including:
    - **7.8 m. @ 0.77 g/t gold, 1.84 g/t silver and 0.15% copper** from 23.9 m. to 31.7 m.
- Hole MX-86-7 yielded **19.8 m. @ 0.22 g/t gold, 9.9 g/t silver & 1.5% copper** from 29.4 m. to 49.2 m. and,
- **6.8 m. @ 0.38 g/t gold, 21 g/t silver & 3.3% copper** from 55.5 m. to 62.3 m.

In 1987, Better completed an additional 113 drill holes to increase the confidence in the Lakeview-Domineer area mineral resource, plus an additional 5 drill holes in the Murex area, and grid-based geological mapping, soil and rock geochemistry and ground magnetic surveys, along with 8 diamond drill holes in the area of the Oyster Breccia.

The Lakeview-Domineer definition drilling was reasonably successful and the company commenced an underground exploration adit, which was completed in early 1988. The 3 m. x 3 m. adit was driven in an east-northeasterly direction along the strike of the mineralized zone for a total distance of about 290 m., including a northeasterly crosscut, at an average elevation of 1375 m., and at an average gradient of +2.5%. The mineralization exposed in both ribs of the adit was geologically mapped after the initial 45 m., and channel or panel sampled at roughly 10' (3 m.) intervals more or less in its entirety, and samples assayed for gold, silver, copper and arsenic. Grab samples from blast rock (muck grabs) were also routinely taken along the adit while it was being advanced. The initial (un-mapped) western portion of the adit yielded the following values from 35 channel samples along 15 consecutive cuts in the southeast rib:

45 m. length
1.4 m. average vertical thickness
21.8 g/t gold
139 g/t silver
0.73% copper
6.30% arsenic

A portion of the adit yielded the following values from 8 consecutive muck grab samples over 10 m. length from near the middle of the initial 45 m. un-mapped portion:

10 m. length
3 m. assumed vertical height
9.67 g/t gold
94.3 g/t silver
0.41% copper
2.04% arsenic

In the initial western portion of the adit, drift sampling results confirmed the thickness and exceeded the grades of the definition drilling results, and established the continuity of gold-silver-copper-arsenic mineralization of the flat-lying vein structure in that portion of the drift. However, it appears from the channel sampling information that the vein structure may dip eastward into the footwall of the drift at the 45 m. mark, beyond which channel, panel and muck grab sampling results were extremely erratic and much lower in values. It has been suggested by C.C. Rennie that this section of the adit obliquely intersected one of a series of en-echelon, gently southeast dipping "sigmoid" veins within the flat-dipping shear structure along which the adit was driven.

In the 1987 Murex drilling, the drill core was only sporadically sampled, and analyzed routinely only for copper, gold and silver, but yielded the following significant intercepts:

- Hole MX-87-11 yielded **1.5 m. @ 0.31% copper and 1.0 g/t silver** from 32 to 33.5 m., and **1.5 m. @ 0.29% copper and 1.0 g/t silver** from 38.5 to 40 m.
- Hole MX-87-13 yielded **3.2 m. @ 0.40% copper and 2.5 g/t silver** from 12 to 15.2 m., including **1.7 m. @ 0.52% copper and 3.8 g/t silver** from 12 to 13.7 m.
- Hole MX-87-14 yielded **1.1 m. @ 0.44% copper and 2.1 g/t silver** from 41.6 m. to 42.7 m., and **1.5 m. @ 0.37% copper & 2.1 g/t silver** from 45.1 m. to 46.6 m.
- Hole MX-87-15 yielded **4.6 m. @ 0.56% copper and 4.8 g/t silver** from 48.9 m. to 53.5 m., and **4.6 m. @ 0.13% copper** from 61.3 m. to 65.9 m.
- Hole MX-87-15A yielded **4.3 m. @ 0.71% copper, 0.28 g/t gold and 8.9 g/t silver** from 46.8 m. to 53.1 m.

In the 1987 Oyster Breccia work, soil geochemistry and ground magnetic surveys failed to yield significant results. Select outcrop rock grab samples taken from four locations along the southern, eastern and northern perimeter of the 450 metre diameter Oyster Breccia yielded significant values in 6 of 7 samples as follows:

- Sample 87-P-2 yielded **13.2 g/t gold, 29.1 g/t silver, 1.04% lead, 8.01% arsenic** from a 0.3 m. silicified fault breccia along the southern perimeter
- Sample 87-P-3 yielded **4.72 g/t gold, 4.38 g/t silver, 0.18% copper, 3.16% arsenic** from a 0.15 m. flat lying zone along the southeast perimeter
- Sample 87-P-4 yielded **626 g/t silver, 2.76% arsenic** from a 0.05 m. brecciated quartzite along the southeast perimeter
- Sample 87-P-5 yielded **626 g/t silver, 0.36% arsenic** from a 0.05 m. vuggy, brecciated quartzite along the northeast perimeter
- Sample 87-P-6 yielded **12.4 g/t gold, 23.5 g/t silver, 1.15% arsenic** from a 0.2 m. silicified massive pyrite zone along the eastern perimeter
- Sample 87-P-7 yielded **626 g/t silver, 20.01% arsenic** from a 0.3 m. vuggy, silicified and brecciated quartzite along the southern perimeter

Better completed 8 drill holes from 3 setups over a 40 metre strike length to test down-dip beneath samples 87-P-1, -2 and -7 along the southern perimeter of the Oyster Breccia, but failed to yield any significant intercepts, the best being as follows:

- Hole 87-116 yielded 0.4 m. @ 2.8 g/t gold, 6.9 g/t silver, 0.07% copper and 3.7% arsenic from 38.7 m. to 39.1 m. from a vuggy, kaolinized, limonitic brecciated volcanic containing pyrite, arsenopyrite and chalcopyrite

In September, 1987 Noranda Exploration Company Ltd. (Noranda) optioned a 51% interest in the Murex portion of the Mt. Washington property (Murex property) from Better Resources. From 1987 to 1989, Noranda completed systematic exploration work on the Murex property, targeting primarily the copper-gold potential of the breccia bodies.
In 1987, Noranda completed an airborne magnetics and electromagnetic survey (see Figure 2f), grid-based geological mapping, rock, soil and stream sediment geochemistry, ground magnetic

and electromagnetic surveys, down-hole Mise a la Masse (on Better's drill hole MX-86-01), and test induced polarization surveys on the Murex Property.

Geological mapping of the Murex Property by D.R. Bull of Noranda led to the interpretation of the Murex area as a post-intrusive collapse structure containing multi-phase intrusions, four types of related breccias and local quartz-sulphide mineralization. Soil geochemistry and ground geophysics outlined 4 target areas worthy of follow-up work, and were identified as Zones A, B, C, and D. The Mise a la Mass survey failed to reach the target zone due to caving of the hole above it. Select outcrop rock grab samples (81) were systematically analyzed for copper, silver, gold and arsenic, of which 7 were also analyzed for lead, zinc and molybdenum. These samples contained various amounts of pyrite, pyrrhotite and chalcopyrite, occasionally with magnetite or realgar, and many yielded elevated values in copper, and occasionally in silver, gold, arsenic and/or molybdenum as well. Some of the more significant samples were as follows:

- Sample 17333 yielded 0.085% copper, **8.0 g/t silver and >100 g/t gold** from a pyritic, pyrrhotitic alteration zone in a mixed lithology breccia from Zone D
- Sample 17348 yielded **0.47% copper, 6.2 g/t silver, 0.14 g/t gold and 0.0026% molybdenum** from a quartz veinlet in basalt with pyrite, pyrrhotite and chalcopyrite from Zone A
- Sample 19012 yielded **>1% copper, 18.2 g/t silver and 0.22 g/t gold** from a quartz fracture filling in basalt from Zone B
- Sample 19017 yielded **>1% copper, 42.0 g/t silver and 1.4 g/t gold** from a breccia containing pyrite, chalcopyrite and pyrrhotite from Zone B
- Sample 19022 yielded **>1% copper, 11.8 g/t silver and 0.22 g/t gold** from a basalt fragment breccia containing pyrite, chalcopyrite & pyrrhotite from Zone B
- Sample 19024 yielded **>1% copper, 38.0 g/t silver and 0.24 g/t gold** from gangue filled fractures in basalt from Zone B
- Sample 27568 yielded **0.194% copper, 3.2 g/t silver and >1% arsenic** from a pyritic, realgar bearing alteration zone between diorite and basalt from north of the grid area
- Sample 27583 yielded **>1% copper, 54.0 g/t silver and 0.12 g/t gold** from an alteration zone in a pyritic diorite breccia from Zone C
- Sample 27584 yielded **>1% copper, 10.8 g/t silver** and 0.08 g/t gold from pyrite and chalcopyrite bearing quartz veinlets in fractured basalt from Zone D

In 1988, Better completed 66 additional definition drill holes into, and commenced metallurgical studies for, the Lakeview-Domineer Zone, and also deepened Esso hole MX-75-1 in the Oyster Breccia on the Mt. Washington Property. The Esso hole MX-75-1 was deepened from 184 m. to 542 m., and failed to yield any significant intercepts, but was only sporadically sampled and those samples analyzed only for gold and silver.

The definition drilling was reasonably successful, and also confirmed the presence of multiple en-echelon quartz-sulphide veins within the much thicker, flat-lying shear structure as interpreted from geological mapping and sampling of the adit. The vein intercepts displayed a

continuum from gold-rich to copper-rich, and of various thicknesses, as exemplified in the following drill holes:

- Hole 88-183 yielded the following intercepts:
  - **2.0 m. @ 0.34 g/t gold, 2.1 g/t silver, 0.77% copper** and <0.01% arsenic from 54.7 to 56.7 m. and,
  - **8.4 m. @ 0.89 g/t gold, 10.8 g/t silver, 0.79% copper** and 0.40% arsenic from 61.9 to 70.3 m. and,
  - **1.9 m. @ 1.70 g/t gold, 12.4 g/t silver, 0.12% copper & 1.13% arsenic** from 73.1 to 75.0 m. and,
  - **8.3 m. @ 1.04 g/t gold, 9.7 g/t silver, 0.91% copper** and 0.05% arsenic from 82.9 to 91.2 m.
- Hole 88-185 yielded the following intercepts:
  - **3.6 m. @ 7.6 g/t gold, 11.7 g/t silver, 0.08% copper and 2.77% arsenic** from 66.1 to 69.0 m. and,
  - **1.8 m. @ 1.2 g/t gold, 12.3 g/t silver, 1.98% copper and 0.20% arsenic** from 89.2 to 87.4 m.
- Hole 88-202 yielded the following intercepts:
  - **2.8 m. @ 0.07 g/t gold, 1.9 g/t silver, 0.55% copper** & <0.01% arsenic from 38.1 to 40.9 m. and,
  - **5.3 m. @ 0.22 g/t gold, 6.7 g/t silver, 0.87% copper** & <0.01% arsenic from 50.6 to 55.9 m. and,
  - **3.9 m. @ 0.39 g/t gold, 4.4 g/t silver, 1.20% copper** & <0.01% arsenic from 59.3 to 63.2 m. and,
  - **3.0 m. @ 0.75 g/t gold, 6.2 g/t silver, 1.83% copper** & <0.01% arsenic from 79.2 to 82.2 m. and,
  - **1.6 m. @ 9.12 g/t gold, 92.9 g/t silver, 0.20% copper & 3.1% arsenic** from 91.2 to 92.8 m. and,
  - **1.6 m. @ 0.17 g/t gold, 2.7 g/t silver, 1.17 % copper** & <0.01% arsenic from 99.0 to 100.6 m.

Better's metallurgical studies for the Lakeview-Domineer Zone were conducted by G.W. Hawthorne, P.Eng., and culminated in the design of an on-site 200 ton per day concentrator using a 5 step process to produce two products: a flotation gold-copper concentrate containing 26% of the gold and 68% of the copper, and gold bullion containing 66% of the gold using a combination of bio-oxidation and cyanidation. The recovery of silver was not considered in the process, and the on-site tailings pond would contain 8% of the gold, 32% of the copper and 99% of the arsenic (as ferric arsenate after bio-oxidation). The total cost of the plant and site services was estimated to be approximately C$7 million in 1988. As part of the metallurgical work, microscope studies including photomicrographs were completed by J.F. Harris, Ph.D., who identified and described the relationships between the following metallic minerals in the flotation concentrate: pyrite, arsenopyrite, pyrrhotite, chalcopyrite, tetrahedrite, gold, sphalerite and galena.

In 1988 on the Murex Property, Noranda completed geological mapping and outcrop rock geochemistry along grid lines, road cuts and stream beds, grid-based soil geochemistry, ground geophysics including magnetics, electromagnetics and induced polarization surveys, and 9 diamond drill holes. Geophysics identified targets in Zone A and Zone D. Geological mapping identified a fifth distinct breccia type exposed in outcrop. Soil geochemistry including test pits identified elevated values in gold, silver, copper and arsenic associated with Zone D and the Zone E. Rock geochemistry from select float or outcrop grab samples, or representative outcrop chip or panel samples, yielded numerous significant values in gold, silver, copper and/or arsenic as follows:

- Sample R-28001 yielded **1.3 g/t gold, 63 g/t silver, 5.1% copper** from a select outcrop grab of massive sulphide in a basaltic breccia in Zone A
- Sample R-28002 yielded **0.56 g/t gold, 26 g/t silver, 2.2% copper** from a select outcrop grab of chalcopyrite vein in a basaltic breccia in Zone A
- Sample R-28042 yielded **12 g/t gold, 28 g/t silver, 0.36% copper, >10% arsenic** from a select float grab of sulphidic basalt in Zone A
- Sample R-28052 yielded **0.12 g/t gold, 17 g/t silver, 2.5% copper** from a select matrix only outcrop grab sample from a mixed lithology breccia in Zone A
- Sample R-44004 yielded 0.24 g/t gold, **27 g/t silver, 2.2% copper** from a select outcrop grab sample of a fractured basalt with quartz and sulphides in Zone A
- Sample R-43017 yielded **1.4 g/t gold, 17 g/t silver, 1.9% copper** from a 1 m. square panel sample of sulphidic basaltic breccia in Zone A
- Sample R-44028 yielded **0.74 g/t gold, 31 g/t silver, 3.8% copper** from a select matrix only outcrop grab sample from a sulphidic basaltic breccia in Zone A
- Sample R-27605 yielded **9.3 g/t gold, 125 g/t silver, 7.0% copper** from a select outcrop grab of a sulphidic mixed lithology breccia in Zone D
- Sample R-27606 yielded **6.9 g/t gold, 2.1 g/t silver, 0.23% copper** from a select outcrop grab of a sulphidic mixed lithology breccia in Zone D
- Sample R-28625 yielded 0.07 g/t gold, **83 g/t silver, 4.5% copper** from a select outcrop grab of a sulphidic alteration zone in diorite breccia in Zone D
- Sample R-28628 yielded **3.4 g/t gold, 54 g/t silver, 2.5% copper** from a select outcrop grab of a sulphidic alteration zone with quartz veinlets in Zone D
- Sample R-28010 yielded **4.8 g/t gold, 128 g/t silver, 5.7% copper** from a select outcrop grab of a sheared, sulphidic basaltic breccia in Zone D
- Sample R-28026 yielded **7.4 g/t gold, 0.5 g/t silver,** 0.07% copper from a 0.27 m. chip sample from a sheared, quartz and iron oxide rich basalt in Zone D
- Sample R-28089 yielded **9.0 g/t gold, 4.9 g/t silver, 0.26% copper** from a select outcrop grab of a sulphidic basaltic breccia in Zone D
- Sample R-28092 yielded **4.0 g/t gold, 31 g/t silver, 0.98% copper** from a 0.88 m. channel sample of an altered, sulphidic shear in basalt breccia in Zone D
- Sample R-28098 yielded **4.0 g/t gold, 16 g/t silver, 1.0% copper** from a 0.19 m. channel sample of an altered shear zone in basalt breccia in Zone D
- Sample R-28014 yielded **2.3 g/t gold, 22 g/t silver, 2.8% copper** from a 0.1 m. channel sample of a sulphidic quartz vein in Zone D

- Sample R-28120 yielded **5.0 g/t gold, 2.1 g/t silver, 0.13% copper** from a 0.5 m. channel sample of a basaltic breccia in Zone D
- Sample R-28122 yielded **10.4 g/t gold, 1.5 g/t silver, 0.13% copper** from a 0.5 m. channel sample of a basaltic breccia in Zone D
- Sample R-28123 yielded **4.3 g/t gold, 28 g/t silver, 1.4% copper** from a 0.5 m. channel sample of a basaltic breccia in Zone D
- Sample R-28124 yielded **4.4 g/t gold, 106 g/t silver, 5.9% copper** from a 0.1 m. channel sample of a massive sulphide pod in a basaltic breccia in Zone D
- Sample R-79784 yielded **8.5 g/t gold, 4.3 g/t silver 0.12% copper** from a 5 m. chip sample of a sulphidic mixed lithology breccia in Zone D
- Sample R-79797 yielded **1.1 g/t gold, 28 g/t silver, 2.8% copper** from a sample of a sheared sulphidic quartz vein in basalt in Zone D

Also in 1988, while working on the Iron River Property immediately west of Better's property, Noranda obtained significant rock geochemistry values from a 400 m. section of Pinetree Creek, now part of the Mt. Washington property, including the following:

- Sample R-27442 yielded **3.7 g/t gold, 92 g/t silver, 0.13% copper** and 0.17% arsenic from a grab of mineralized tuff exposed in the creek bed,
- Sample R-27745 yielded **9.7 g/t gold, 65 g/t silver, 0.07% copper and 0.41% arsenic** from a grab of mineralized tuff breccia exposed in the creek bed,
- Sample R-48137 yielded **7.7 g/t gold, 38 g/t silver and 0.12% copper** from a volcanic boulder containing realgar and orpiment in the creek bed, and
- Sample R-48141 yielded >20 g/t gold, 360 g/t silver and 0.22% copper from a mineralized breccia boulder in the creek bed

1988 Diamond drilling on the Murex Property by Noranda yielded intercepts as follows:

- NMX-88-17 yielded **0.25m. @ 3.7 g/t gold, 46 g/t silver and 9.7% copper** from 196.5 to 197.21 m. from a massive sulphide vein in Zone A
- NMX-88-19 intersected a sulphidic mixed lithology breccia in Zone D yielding:
    - **11.0 m. @ 5.0 g/t gold, 0.50 g/t silver and 0.10% copper** from 12.7 m. to 23.7 m., including:
    - **3.0 m. @ 12 g/t gold, 1.4 g/t silver, 0.22% copper** from 20.7 to 23.7 m.
- NMX-88-20 intersected a sulphidic mixed lithology breccia in Zone D yielding:
    - **12.4 m. @ 1.1 g/t gold, 2.0 g/t silver, 0.16% copper and 0.004% molybdenum** from 28.9 m. to 41.3 m. and,
    - **8.0 m. @ 1.2 g/t gold, 2.6 g/t silver, 0.21% copper and 0.002% molybdenum** from 45.7 to 53.7 m.
- NMX-88-22 yielded **0.52 m. @ 0.14% molybdenum** from 33.65 to 34.17 m. in a quartz vein hosted in basalt in Zone D
- NMX-88-23 yielded **1.54 m. @ 19 g/t silver and 1.6% copper** from 72.48 to 74.02 m. in a mixed lithology breccia in Zone D

Also in 1988, the 3 following academic geology papers on the property were completed:

- Tertiary Low-Angle Faulting and Related Gold and Copper Mineralization on Mount Washington, Vancouver Island by J.E. Muller, Consulting Geologist
- Mount Washington, Vancouver Island, British Columbia: A Tertiary Calc-Alkaline Intermediate to Acid Volcanic Centre by R. Dahl & D.H. Watkinson of Carleton University and H.P. Wilton of the B.C. Geological Survey Branch
- The Lakeview-Domineer Gold Deposit of Mount Washington, Vancouver Island, British Columbia: A Thrust Controlled Epithermal Gold-Silver Deposit in Volcanic Setting by R. Dahl, D.H. Watkinson, and J.F. Bristow of Better Resources Ltd.

In 1989, Better completed and published a revised mineral resource estimate for the Lakeview-Domineer Zone as follows, which are not to current industry standards:

Drill-Indicated Underground:

Area/Zone	Min. Grade	Min. Thickness	Tonnes	Gold	Silver
Lakeview-Domineer	3.4 g/t gold	2.0 metres	301,270	7.2 g/t	37.7 g/t

Drill-Indicated Open Pit:

Area/Zone	Min. Grade	Min. Thickness	Tonnes	Gold	Silver
West Grid	1.7 g/t	not specified	249,546	6.2 g/t	25.4 g/t

Better also completed outcrop trenching and sampling, and 17 drill holes testing in two areas west of the Lakeview-Domineer Zone on the Mt. Washington property. Trenching was completed in two areas, referred to as the Sump Area (SW of the adit) and the Float Area (North of the adit). In the Float Area, 3 trenches each 15 m. apart exposed a N-S trending shear zone over a strike length of 30 m. from which 4 chip samples yielded the following average width and values:

- **1.3 m. @ 11 g/t gold, 42 g/t silver, 0.48% copper and 12% arsenic**

In the Sump Area, 5 chip samples taken from a N-S trending vertical breccia yielded the following average widths and values:

- **1.1 m. @ 5.1 g/t gold, 24 g/t silver, 0.66% copper**

None of the 5 holes in the Float Area yielded any significant intercepts. Although sampling of the drill core was very selective and samples only analyzed for gold, silver and copper, many of the 12 holes from the Sump Area intersected multiple veins with a continuum of significant gold-rich to copper-rich intercepts, as follows:

- Hole 89-221 yielded the following intercepts:
    - 0.2 m. @ 0.10 g/t gold, 0.35 g/t silver, **0.88% copper** from 9.1 to 9.4 m.,
    - **2.7 m. @ 2.3 g/t gold, 16 g/t silver, 0.96% copper** from 10.6 to 21.3 m.,
    - 3**.0 m. @ 1.5 g/t gold, 5.1 g/t silver, 0.14% copper** and 0.18% arsenic from 25.9 to 28.9 m.
- Hole 89-222 yielded **2.9 m. @ 0.65 g/t gold, 2.4% copper** from 3.0 to 5.9 m.

- Hole 89-224 yielded the following intercepts:
    - **1.4 m. @ 1.1 g/t gold and 2.4% copper** from 3.3 to 4.7 m. and,
    - **4.0 m. @ 2.0 g/t gold, 28 g/t silver, 1.6% copper** from 27.9 to 37.8 m.,
    - **1.1 m. @ 3.1 g/t gold, 50 g/t silver, 9.7% copper** from 36.7 to 37.8 m.,
    - **9.8 m. @ 4.7 g/t gold, 36 g/t silver, 2.7% copper** from 40.5 to 50.3 m.
- Hole 89-225 yielded the following intercepts:
    - **2.9 m. @ 5.0 g/t gold, 37 g/t silver, 2.1% copper** from 25.4 to 28.3 m.,
    - **3.0 m. @ 0.7 g/t gold, 25 g/t silver, 1.6% copper** from 47.0 to 50.0 m.,
    - **1.1 m @ 1.7 g/t gold, 38 g/t silver, 1.1% copper** from 53.0 to 54.1 m.,
    - **1.1 m. @ 0.7 g/t gold, 7.9 g/t silver, 0.53% copper** from 58.8 to 59.9 m.
- Hole 89-227 yielded the following intercepts:
    - **1.4 m.@ 6.2 g/t gold, 9.9 g/t silver, 0.29% copper** from 2.7 to 4.1 m.,
    - 0.3 m. @ 0.27 g/t gold, **32 g/t silver, 2.0% copper** from 17.1 to 17.4 m.,
    - **1.6 m. @ 1.6 g/t gold, 7.9 g/t silver, 1.8% copper** from 21.8 to 24.4 m.,
    - **0.7 m. @** 0.7 g/t gold **and 3.0% copper** from 30.8 to 32.3 m. and,
    - **0.8 m. @ 1.6 g/t gold and 3.1% copper** from 43.6 to 44.4 m.

In 1989, Noranda completed grid-based soil geochemistry, detailed outcrop channel or chip sampling and geochemistry, detailed geological mapping, geophysical surveys consisting of electromagnetics and induced polarization, and 2 diamond drill holes focusing entirely on the D Zone of the Murex property. The outcrop channel sampling yielded significant values in gold, silver and/or copper in the D Zone as follows:

- Sample R112764 yielded **3 m. @ 3.2 g/t silver and 0.39% copper** from a Karmutsen-Comox breccia with 2% sulphides
- Sample R112794 yielded **3.5 m. @ 2.0 g/t silver, 0.22% copper and 0.18% arsenic** from a siliceous breccia with 1% pyrite
- Sample R112800 yielded **3 m. @ 11 g/t silver and 0.32% copper** from a limonitic, siliceous diorite with 1% pyrrhotite
- Sample R112802 yielded **2.5 m. @ 5.5 g/t silver and 0.39% copper** from an altered, malachitic diorite
- Sample R112805 yielded **3 m. @ 22 g/t silver and >1% copper** from an altered, siliceous, malachitic diorite with 1-2 % sulphides
- Sample R112809 yielded **0.5 m. @ 10 g/t silver and >1% copper** from a 0.1 m. quartz-sulphide vein containing 60% sulphides mostly pyrite, with some chalcopyrite and arsenopyrite

Drilling yielded two significant intercepts 100 metres apart stepping out 100-200 metres east of Better's 1986 drill hole cluster in the D Zone as follows:

- NMX-89-25 yielded **4.0 m. @ 6.5 g/t gold, 30 g/t silver and 4.1% copper** from 29 to 33 m., including:
    - **1.0 m. @ 21 g/t gold, 71 g/t silver and 9.3% copper** from 29 to 30 m. in a massive sulphide vein in basalt with pyrrhotite, chalcopyrite and pyrite

- NMX-89-26 yielded **6.5 m. @ 0.23 g/t gold, 7.3 g/t silver and 1.1% copper** from 16.2 to 22.7 m. in a siliceous basaltic breccia with pyrrhotite and chalcopyrite

In late 1989, Noranda terminated its option agreement, returning the Murex property to Better Resources. In 1990, Better engaged in the B.C. Mine Development Review process, completed acid-base accounting studies on the 6,000 tonne stockpile of rock extracted from the adit driven to test the Lakeview-Domineer Zone, and drilled an additional 5 holes south of the Sump Area. Only one of the holes yielded a significant intercept as follows:

- 90-237 yielded **12 m. @ 1.5 g/t gold, 20 g/t silver & 0.95% copper** in an altered feldspar porphyry with patches and veinlets of pyrrhotite, pyrite and chalcopyrite

In late 1990, North Slope Minerals Inc. (North Slope) commissioned a summary report on the Murex property by J.J. McDougall, P.Eng., and subsequently negotiated an option agreement with Better. In 1991, North Slope engaged L. Sookochoff, P.Eng. who managed a 6 hole drilling program on the Murex property based largely on recommendations made by McDougall to follow up results from Noranda's 1989 drilling program. North Slope's 1991 drilling program consisted of 3 holes (NSM 91-1 to 3) fanning down-dip of and on-section with NMX-89-25, 2 holes (NSM 91-4 & 5) fanning down-dip of and on-section with NMX-89-26, and 1 hole testing Noranda's EM conductor C, approximately 200 metres to the south. Although the core was only sporadically split and sampled, several significant intercepts were achieved:

- Hole NSM 91-1 (-70^0) yielded the following intercepts:
  - **1.0 m. @ 2.7 g/t silver and 0.50% copper** from 33 to 34 m. including a 0.3 m. thick massive sulphide vein in a wider breccia zone in basalt and,
  - **1.0 m. @ 0.8 g/t silver and 0.22% copper** from 62 to 63 m. including a 0.3 m. thick semi-massive sulphide vein in a second wider breccia zone
- Hole NSM 91-2 (-84^0) yielded the following intercept:
  - **4.0 m. @ 0.27% copper** from 32 to 36 m. within a wider zone of sulphidic breccia in basalt
- Hole NSM 91-3 (-88^0) yielded the following intercept:
  - **1.0 m. @ 2.5 g/t silver and 1.3% copper** from 32.5 to 33.5 m. including a 0.55 m. thick massive sulphide vein within a wider breccia zone in basalt
- Hole NSM 91-4 (-75^0) yielded the following intercept:
  - **4.0 m. @ 5.5 g/t silver and 1.2% copper** from 34.8 to 38.8 m. hosted by quartz-carbonate-sulphide veins in a breccia zone in basalt, including:
    - **2.0 m. @ 0.11 g/t gold, 8.3 g/t silver and 1.7% copper** from 34.8 to 36.6 m. and,
  - **2.0 m. @ 2.1 g/t silver and 0.59% copper** from 67.5 to 69.5 m. in basalt containing sulphide patches and quartz-sulphide veins and,
  - **1.0 m. @ 3.9 g/t silver and 0.87% copper** from 77.5 to 78.5 m. in a 1 m. thick quartz-carbonate-sulphide vein in basalt
- Hole NSM 91-5 (-88^0) was stopped short of its intended target and not sampled
- Hole NSM 91-6 was sampled by selecting, splitting and analyzing only short (<0.15 m.) portions of the mineralized sections, so drill intercepts cannot be calculated, but the

selected sampling yielded the following significant values from sulphide veins hosted in silicified and hornfelsed sandstone:

- **8.3 g/t silver, 0.68% copper** and 0.04% zinc at 77.4 m. and,
- **13.4 g/t silver**, 0.03% copper, 0.07% lead and 0.01% zinc at 78.9 m. and,
- **1.5 g/t silver and 0.22% copper** at 104.9 m. and,
- **1.5 g/t silver and 0.37% copper** at 112.2 m. and,
- **2.4 g/t silver and 0.38% copper** at 138.1 m.

In 1992, North Slope Minerals dropped the option on the Murex property and returned it to Better Resources. Also in 1992, Montgomery Consulting completed computer-based geochemical modeling of rock samples and drill data for the Domineer-Lakeview area on behalf of Better Resources. The period 1991-1992 was one of falling metal prices, coinciding with mine closures, significant increases in parks, and declining mineral exploration activity in British Columbia, and particularly on Vancouver Island. The Mt. Washington property and owner Better Resources was caught in this economic down-cycle for the mineral exploration and mining industry. The company closed the adit in the Lakeview-Domineer Zone, and reclaimed the waste dumps outside it. No significant exploration activity has taken place on the Mt. Washington property since 1992.

In 2008, the ownership of the Property was transferred to Clibetre Exploration Ltd. In 2009 Clibetre extracted a 168 tonne bulk sample from a portion of the Lakeview- Domineer Vein exposed near the portal adit. The bulk sampled material was trucked to and stockpiled at a secure storage facility located on the property of M.R. Rennie in Courtenay, B.C., and the extraction site was reclaimed. The costs for the bulk sample extraction program were filed as physical assessment work by Clibetre as MTO Event Number 4557452, for which the report appears in Appendix 4. In 2010, Clibetre engaged Mr. Finley Bakker, P.Geo., who completed representative sampling of the stockpiled material, yielding an estimated average grade of **51 g/t gold**, for which Mr. Bakker's report appears as Appendix 3.

Also in 2009-2010, the B.C. government commissioned and funded a reclamation program at the North Pit of the former Mt. Washington Copper Mine.

List of claims and work completed

In early July, the author planned the 2011 tailings sampling program, which was commenced on July 12, 2011. Five people mobilized with equipment to the site of the tailings dam for the Mt. Washington Copper Mine, located on cell mineral claim 607878. Mr. David McLelland, Mr. Adrian Houle and the author assisted with the mobilization and GPS survey of the proposed drill sites for one day only on July 12. Mr. Michael Rennie and Mr. Bruce Rennie of Clibetre Exploration Ltd. conducted the core drilling program including sample collection over 3 days from July 12 to July 14, using a hand-held electric drill with 3' core rods containing clear plastic core tubes. Fifteen (15) holes were completed totaling 64.8 metres of 37.5 mm. diameter core, and 77 whole core samples were collected averaging 0.84 m. in length. Short wooden posts were left in the drill holes to mark their locations. The core samples were delivered by Bruce

Rennie to the author on July 14, 2011 and shipped to Inspectorate Labs in Richmond, B.C via Greyhound bus parcel express on July 15, 2011. The sample were prepared as rock samples, and subjected to 4-acid digestion, 50 element ICPMS analyses and 1AT Fire Assay, with AAS finish for gold analyses. The author used field notes collected by the drillers to construct drill logs, to which geochemical analyses were added, and which appear in Appendix 1. The certificate of analysis 11-360-05850-01 from Inspectorate appears in Appendix 2. The location of the tailings drill holes with relation to the mineral claims and topography appears in Figure 2, and an image of the tailings dam from Google Earth appears below:

Technical data, interpretation, conclusions and recommendations

The author used Geosoft Target and Geochemistry programs to create Figures 3a to 3o inclusive showing selected technical data from the drilling program at 1:2,500 scale. These include maps showing hole locations, and contoured maps of hole depths in metres (interpreted as depth of tailings), and averaged values in ppm for each hole of gold, silver, arsenic, copper, molybdenum and tellurium. Also included are stacked sections looking northwest showing sample numbers, values and histograms for each of the same six elements for each hole. These values are summarized in Table 4, and averaged values were calculated for all 15 holes, and also for the five best holes located in the southwest portion of the tailings dam. It is interesting to compare these values with the calculated tailings grades from the historic mining operation as per MINFILE records as shown on Page 21 (325,400 tonnes @ 0.41% copper, 0.10 g/t gold and 18 g/t silver).

Table 4

2011 Tailings Drilling Program Averaged Values by Drill Hole

Hole_ID	East	North	RL	Interval	Au_ppm	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Te_ppm	Ca_%	Fe_%	S_%
03	340032	5513683	586	5.8	0.192	6.13	1100	1147	11.31	9.21	1.01	4.31	1.27
05	340104	5513750	586	4.1	0.131	5.36	1181	995	8.39	9.63	1.17	4.53	1.25
12	340029	5513611	587	2.7	0.259	9.25	1298	1604	15.72	9.24	0.74	3.89	1.10
13	340065	5513647	584	5.8	0.146	6.84	1139	1411	11.77	10.16	1.13	4.81	1.54
14	340100	5513681	582	5.0	0.077	7.51	670	724	9.84	6.13	1.35	3.87	0.98
15	340136	5513711	581	4.4	0.088	5.30	822	757	8.83	7.33	1.49	4.32	1.15
16	340173	5513748	581	2.1	0.072	5.26	697	1054	8.50	4.57	1.07	3.69	0.68
16A	340173	5513749	581	2.7	0.110	4.54	714	914	8.39	4.76	1.08	3.68	0.71
23	340103	5513608	580	5.2	0.165	7.51	1125	1513	12.14	17.10	1.09	4.67	1.50
25	340172	5513676	578	6.1	0.082	3.81	729	614	10.28	6.55	1.26	3.94	0.71
34	340168	5513603	587	6.7	0.081	3.96	641	694	9.60	6.21	1.48	3.76	0.84
35	340208	5513640	577	4.3	0.123	5.42	857	957	7.60	6.16	1.42	4.30	0.76
37A	340275	5513705	579	2.3	0.106	5.44	709	1441	11.10	7.65	1.05	4.18	0.98
44	340203	5513565	576	4.3	0.145	7.34	865	1183	9.38	13.44	1.35	4.21	1.14
47A	340307	5513684	576	3.4	0.101	4.70	607	845	9.67	6.03	1.14	3.78	0.74
Averages	15 holes			64.8	0.124	5.83	884	1024	10.18	8.54	1.22	4.17	1.05
Averages	holes 03,12,13,23,44			23.7	0.174	7.17	1095	1349	11.75	11.93	1.09	4.45	1.35

The 2011 tailings drilling program representatively tested the depths and metal values of the northwestern portion of the Mt. Washington Copper Mine tailings dam with 15 holes spaced approximately 50 metres apart. The southeastern portion of the tailings dam was not accessible due to shallow ponded water on its surface at the time of the drilling program. There is no reason to expect that the metal values of the untested portion of the tailings dam are significantly different than those obtained in the 2011 drilling program. The slightly higher metal values in 5 holes located in the southeast portion of the tailings dam are unexplained.

Overall the values are relatively consistent throughout the tailings dam, and show good correlation between amongst gold, silver, arsenic, copper, molybdenum, tellurium, iron and sulphur. The metals of potential economic interest in the tailings dam include gold, silver, copper and possibly tellurium, which could have combined in-situ value of $5 to $10 million using current metal prices. Although this should not be considered a mineral resource estimate, the data collected in the 2011 program could be used for that purpose. Density measurements of the tailings dam are required to estimate tonnages. Mineralogical and metallurgical studies of the tailings are required to determine potential processing methods, metal recovery factors, waste product characteristics and ultimately, project economics.

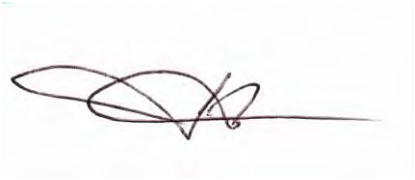
For future work recommendations, please refer to the author's 2007 technical report (modified and filed as ARIS report 30010 with co-author P. Gray, P.Geo.), which shows the details of a $1 million proposed work program and budget summary for the Mt. Washington Property. Both the 2009-2010 bulk sampling program and the 2011 tailing represent initial components of the overall proposed work program in that report.

Authors Qualifications:

I, Jacques Houle, P.Eng. Do hereby certify that:

1. I am currently employed as a consulting geologist by: Jacques Houle, P.Eng. Mineral Exploration Consulting 6552 Peregrine Road, Nanaimo, British Columbia, Canada V9V 1P8
2. I graduated with a Bachelor's of Applied Science degree in Geological Engineering with specialization in Mineral Exploration from the University of Toronto in 1978.
3. I am a member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia, the Society of Economic Geologists, the Association for Mineral Exploration British Columbia, and the Vancouver Island Exploration Group; I am also a member of the Technical Advisory Committee for Geoscience B.C.
4. I have worked as a geologist for 33 years since graduating from university, including 5 years as a mine geologist in underground gold and silver mines, 15 years as an exploration manager, 3 years as a government geologist and 8 years as a mineral exploration consultant.
5. I am responsible for the preparation of the Technical Report entitled "2011 Assessment Report for a Tailings Drilling Program on the Mt. Washington Property" for Clibetre Exploration Ltd. I visited the mineral property on numerous occasions between 2000 and 2011.
6. I have had prior involvement with the property that is the subject of the Technical Report, both as a government geologist and as a consultant.
7. I am independent of the Clibetre Exploration Ltd.

Dated this 15th day of November, 2011.



_____
Signature of Author

Jacques Houle, P.Eng._____
Print name of Author

Seal of Author

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http://www.empr.gov.bc.ca/Mining/Geoscience/PublicationsCatalogue/ExplorationinBC/Pages/default.aspx
Fieldwork: http://www.empr.gov.bc.ca/Mining/Geoscience/PublicationsCatalogue/Fieldwork/Pages/default.aspx
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MapPlace: http://www.empr.gov.bc.ca/Mining/Geoscience/MapPlace/Pages/default.aspx
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MINFILE: http://www.empr.gov.bc.ca/Mining/Geoscience/MINFILE/Pages/default.aspx
Open Files: http://www.empr.gov.bc.ca/Mining/Geoscience/PublicationsCatalogue/OpenFiles/Pages/default.aspx
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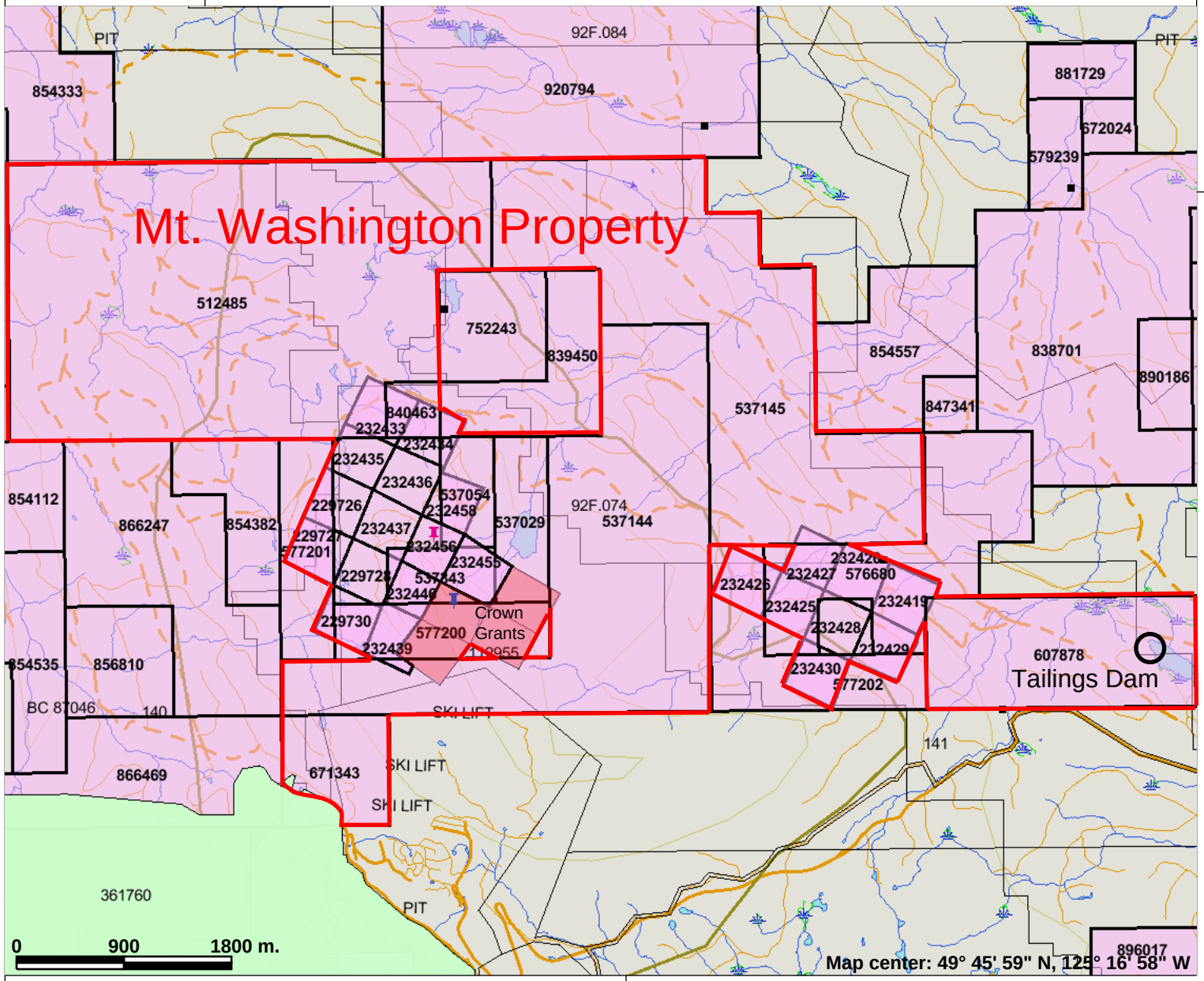
Mount Washington Property Mineral Tenures



Legend

MINFILE Status
- Producer
- Past Producer
- Developed Prospect
- All others

Indian Reserves

National Parks

Conservancy Areas

Parks

Mineral Tenure (current)
- Mineral Claim
- Mineral Lease

Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others

Crown Land Leases
- Crown Land Lease - Application
- Crown Land Lease - Tenure

Survey Parcels

BCGS Grid

Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours

Transportation - Points (TRIM)

Scale: 1:50,000

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Figure 1a

Mt. Washington Property Infrastructure

Parks Layers

- **Provincial Parks & Protected Areas (<1M)**

Mineral Titles Layers

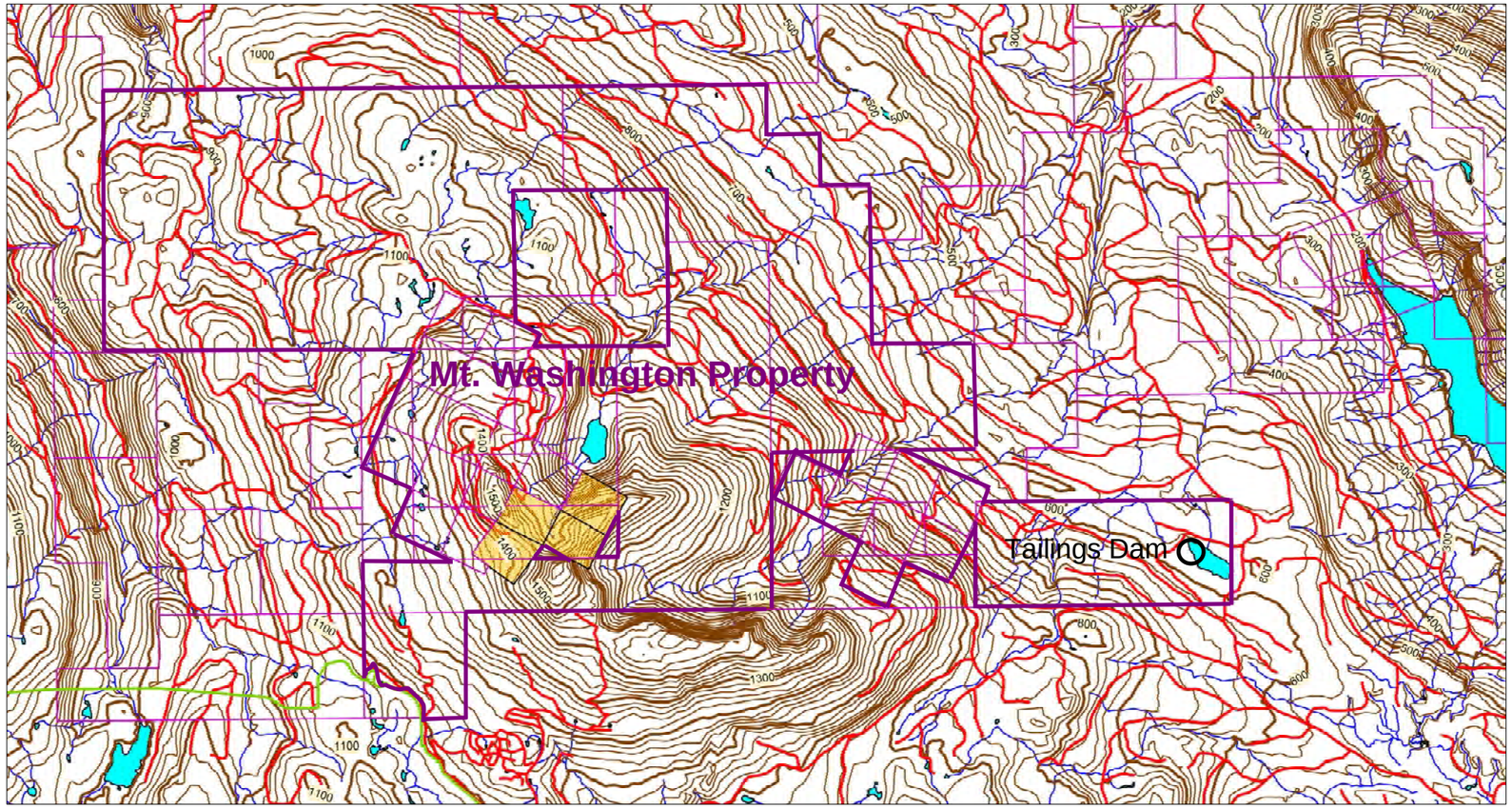
- **MTO Mineral Titles Online Polygons**
  - Coal
  - Placer
  - Mineral
  - Other

Survey Layers (Tantalis)

- **Crown Grants**

Topographic Layers

- **Roads 1:20K undefined**
- **Contours with Labels 1:20K (<50K)**
- **Contours east 1:20K (<100K)**
- **Lake 1:20k**
- **Rivers 1:20K (<100K)**



SCALE 1 : 50,000

5,000 0 5,000 10,000 15,000

FEET

N

Figure 1b

Mt. Washington Property Geology

Parks Layers

Provincial Parks & Protected Areas (<1M)

Mineral Titles Layers

MTO Mineral Titles Online Polygons
- Coal
- Placer
- Mineral
- Other

Topographic Layers

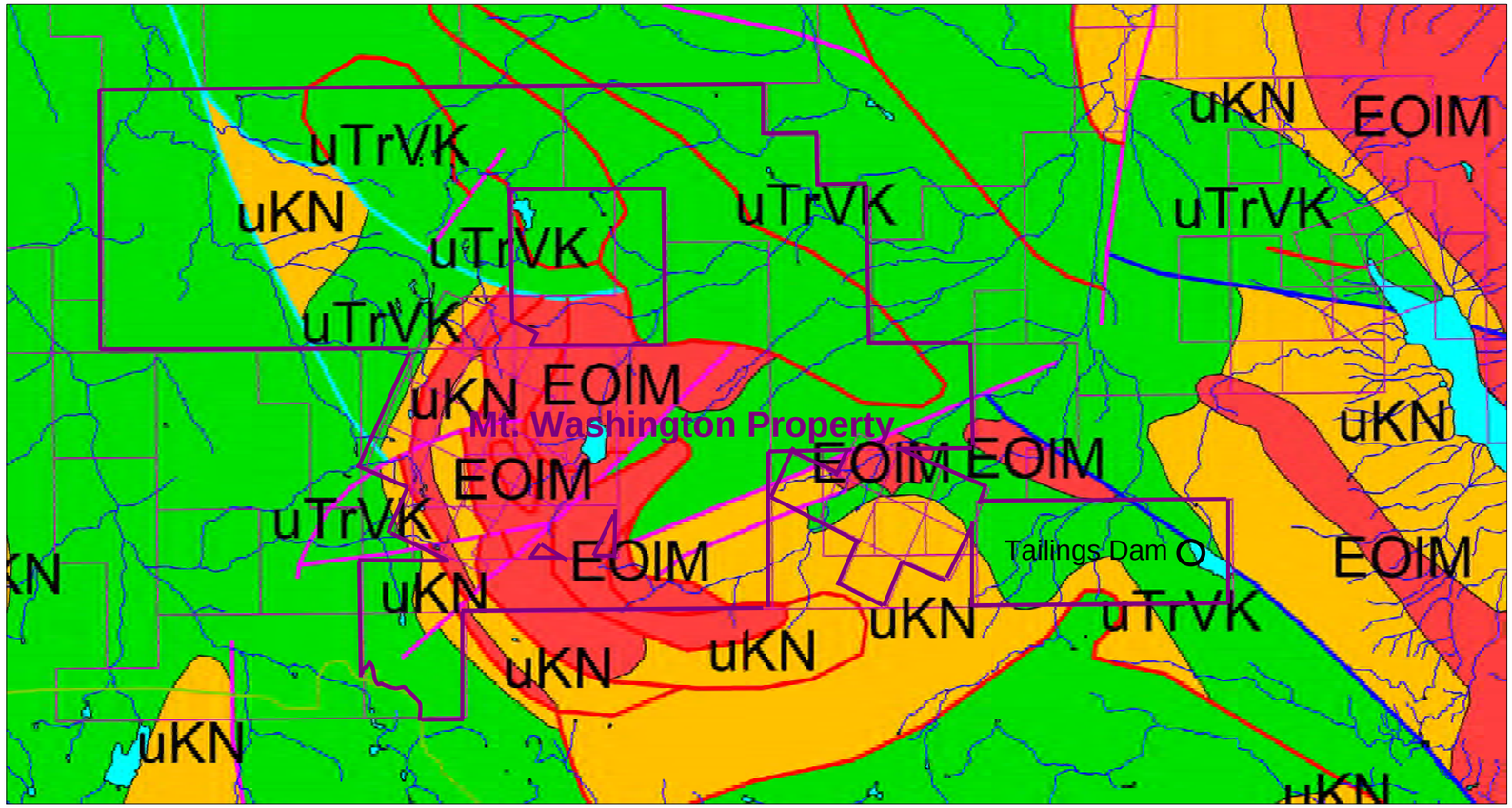
Lake 1:20k

Rivers 1:20K (<100K)

BCGS Geology Layers 2005

Contacts & Faults (<1.5M)
- Contact
- Extension Fault
- Fault
- Normal Fault
- Thrust

Bedrock geology - by age and rock class (solid)
- AGE UNKNOWN
- intrusive rocks
- metamorphic rocks
- CENOZOIC
- intrusive rocks
- QUATERNARY TO RECENT
- alluvium, till
- sedimentary rocks
- volcanic rocks
- NEOGENE TO RECENT



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FEET

Refer to report text pages 6, 7 for rock codes and descriptions

N

Figure 1c

Mt. Washington Property Aeromagnetics

Parks Layers

- **Provincial Parks & Protected Areas (<1M)**

Mineral Titles Layers

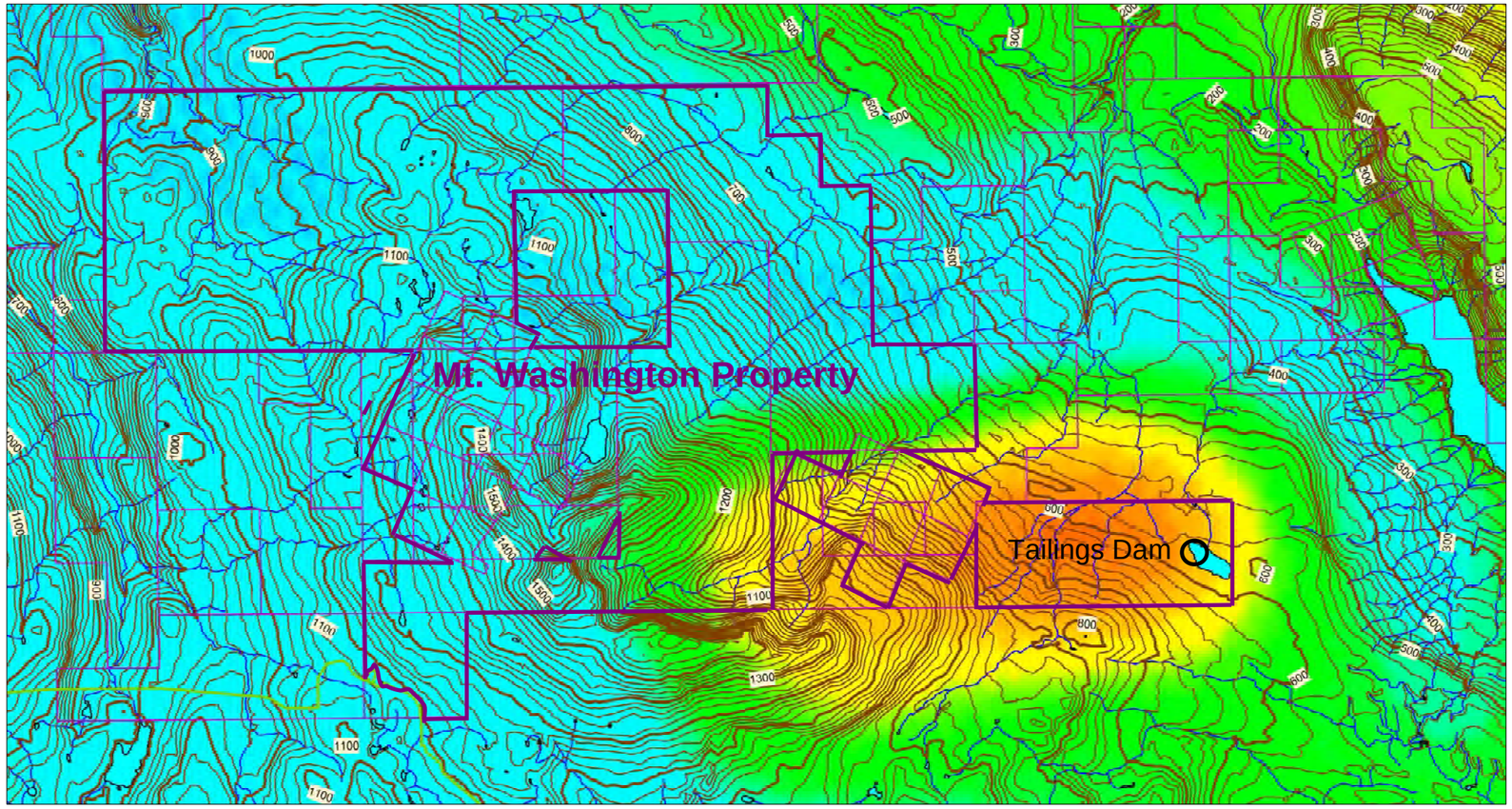
- **MTO Mineral Titles Online Polygons**
  - Coal
  - Placer
  - Mineral
  - Other

Topographic Layers

- **Contours with Labels 1:20K (<50K)**
- **Contours east 1:20K (<100K)**
- **Lake 1:20k**
- **Rivers 1:20K (<100K)**

Geophysical Layers

- **Residual Total Magnetic Field (<500K)**



SCALE 1 : 50,000

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FEET

N

Figure 1d

Mt. Washington Property RGS Cu, Au, MINFILE, ARIS

Parks Layers

- **Provincial Parks & Protected Areas (<1M)**

Mineral Inventory Layers

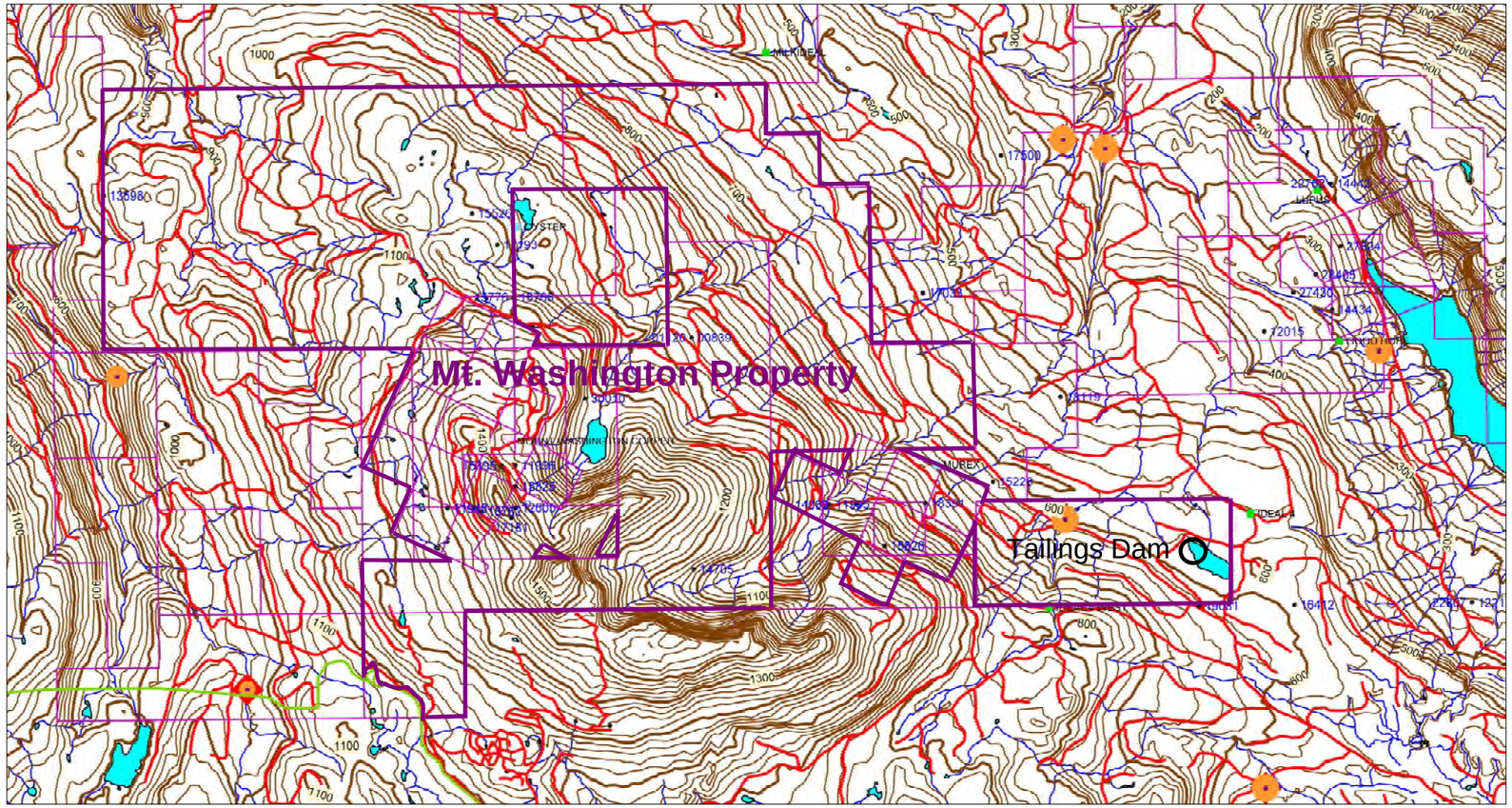
- **ARIS number label**
- **MINFILE name label**
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

Regional Geochem Layers

- **RGS locations (<2 M)**
- **RGS - Copper (<1.2M)**
  - 50th Percentile
  - 70th Percentile
  - 90th Percentile
  - 95th Percentile
  - Greater than 95th Percentile
  - All Others
- **RGS - Gold by FA (<1.2M)**
  - 50th Percentile
  - 70th Percentile
  - 90th Percentile
  - 95th Percentile
  - Greater than 95th Percentile
  - All Others

Mineral Titles Layers

- **MTO Mineral Titles Online Polygons**



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FEET

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Figure 1e

Mt. Washington Tailings

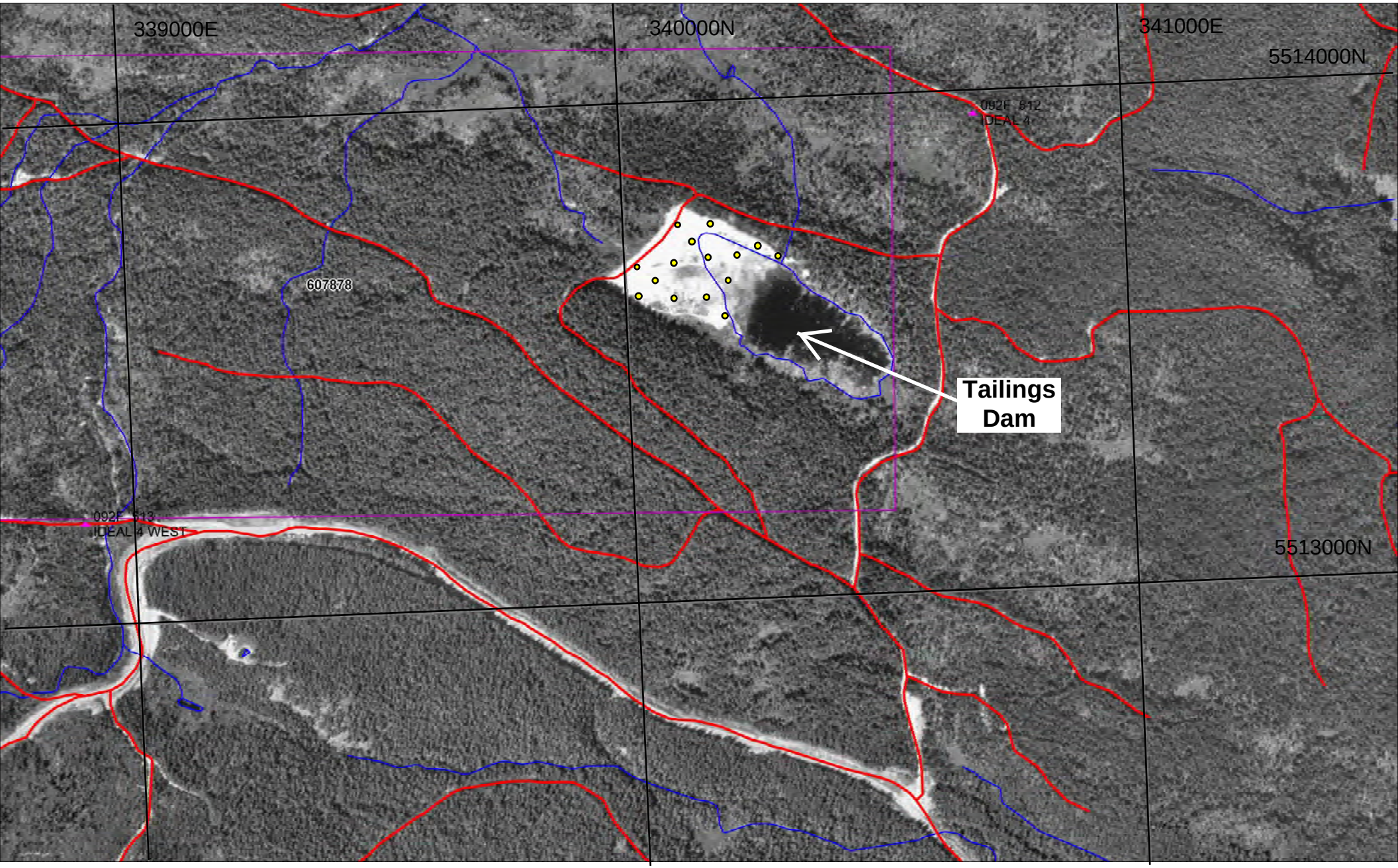


Figure 2

SCALE 1 : 10,000

200 0 200 400 600

METERS

2011 Drill Site

Road

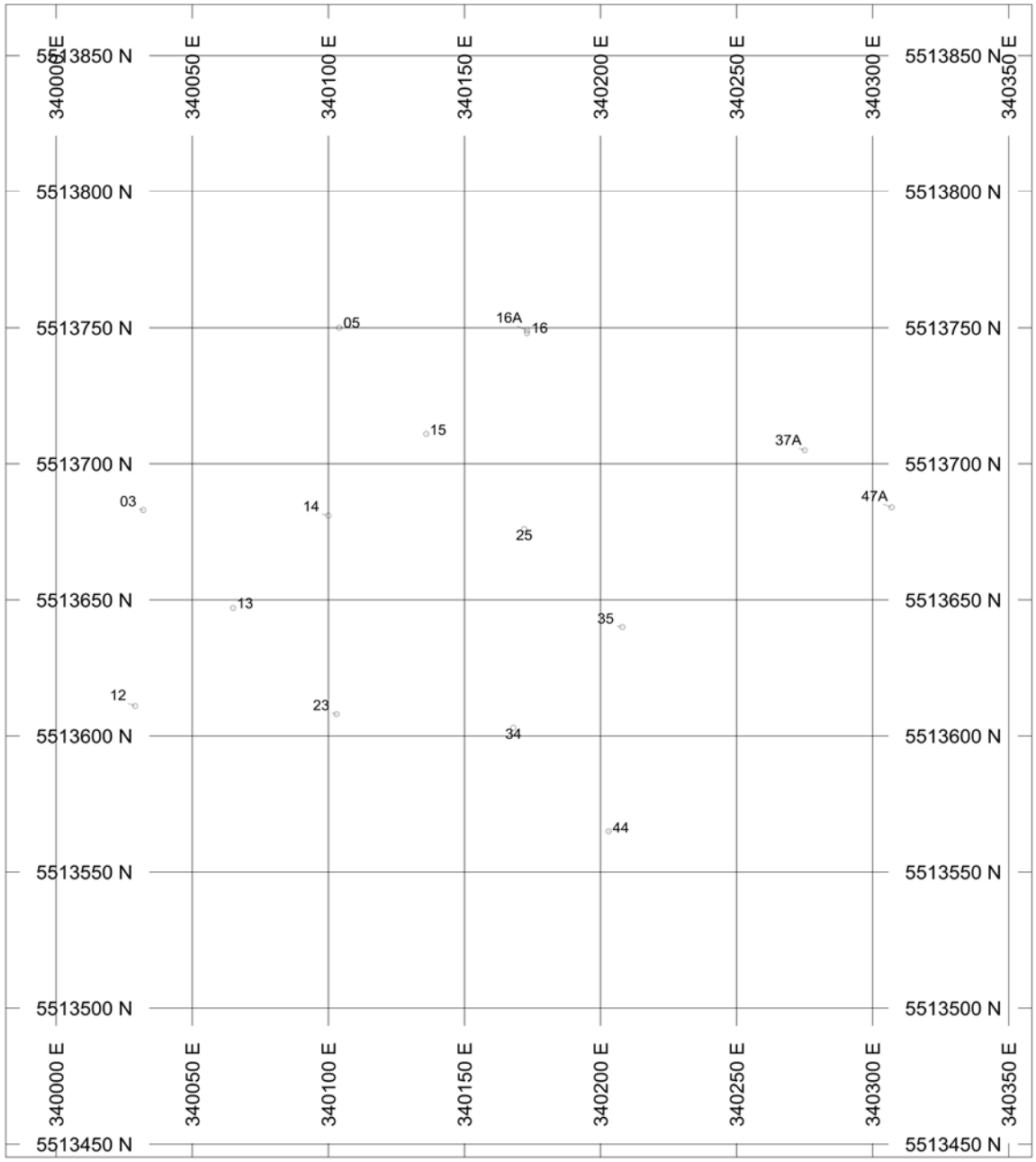
Creek

Mineral Claim Boundary

N

http://webmap.em.gov.bc.ca/mapplace/maps/minpot/bcgs.MWF

July-11-11 11:45 AM



HOLES PLOTTED

TOTAL 15

03	05	12	13	14	15	16
16A	23	25	34	35	37A	44
47A						

Figure 3a

PLAN SPECS:

REF. PT. E, N	340200 m	5514000 m
EXTENTS	377 m	423.5 m

SCALE 1 : 2500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

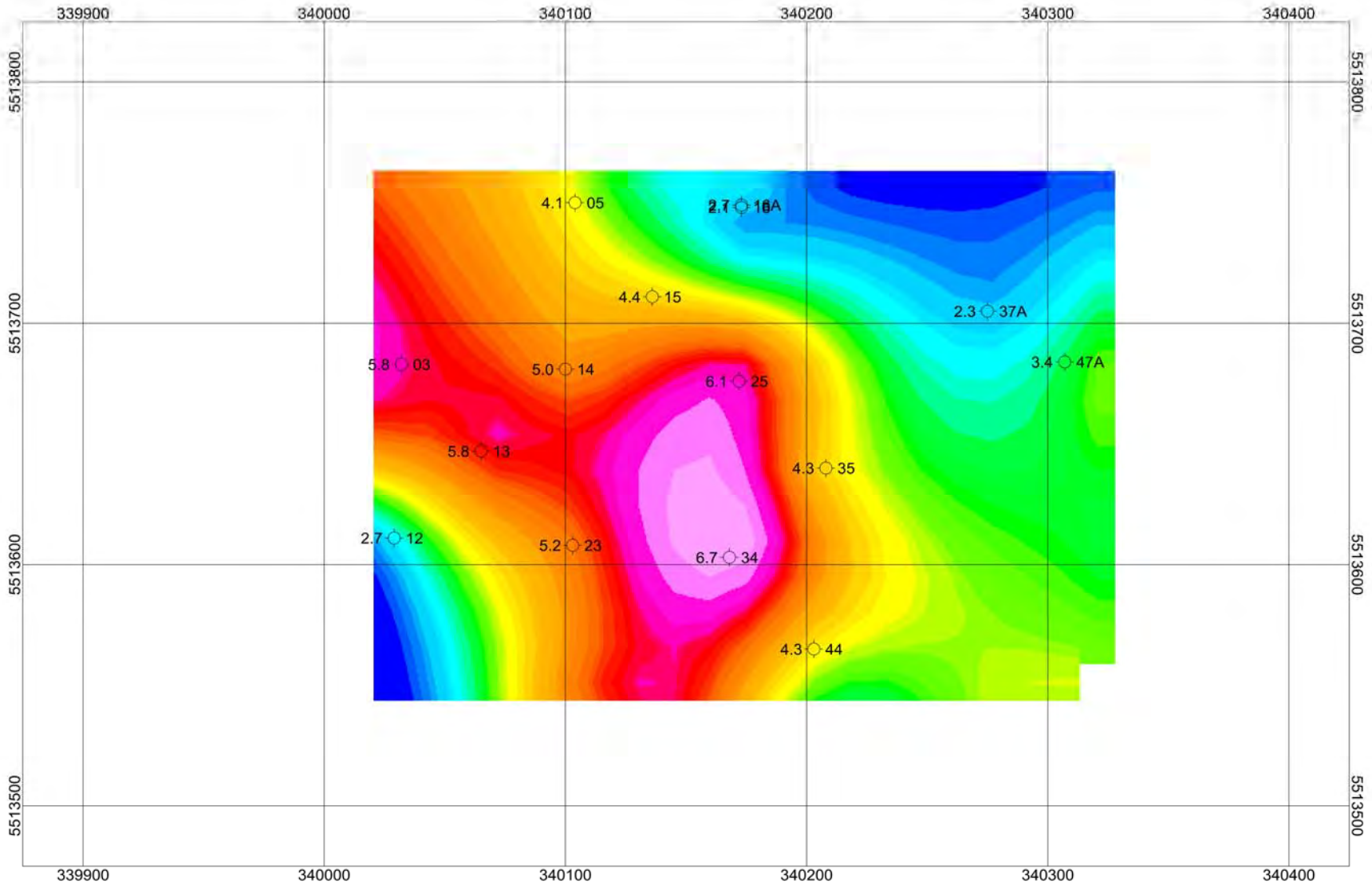
N W E S

Clibetre Exploration Ltd.

Mount Washington Property

Tailings Drilling Program

2011 Drill Hole Locations



25 0 25 50 75

(meters)

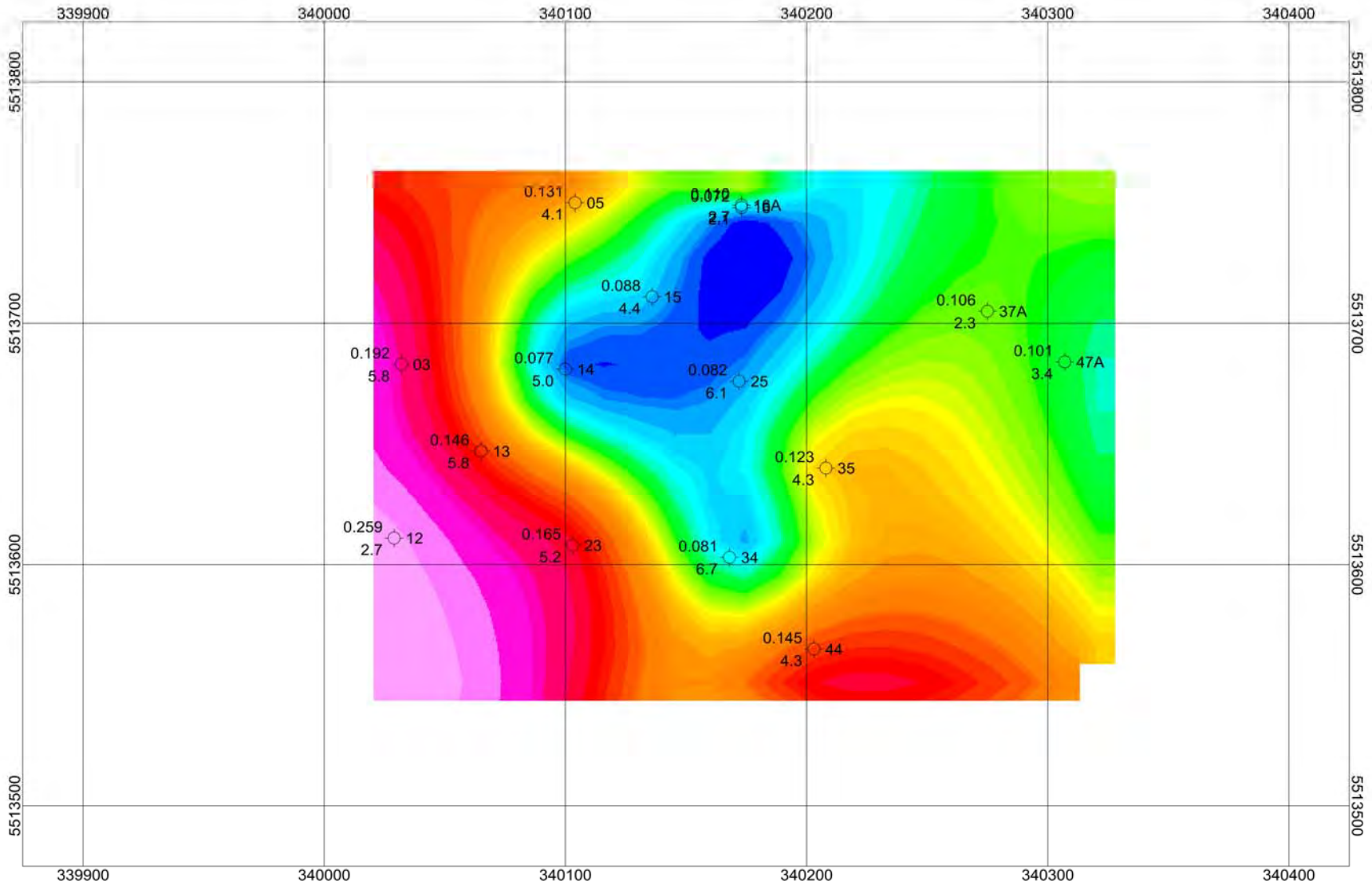
NAD83 / UTM zone 10N

Clibetre Exploration Ltd.

Mount Washington Property

2011 Drilling - Depth of Tailings in Metres

Figure 3b



25 0 25 50 75

(meters)

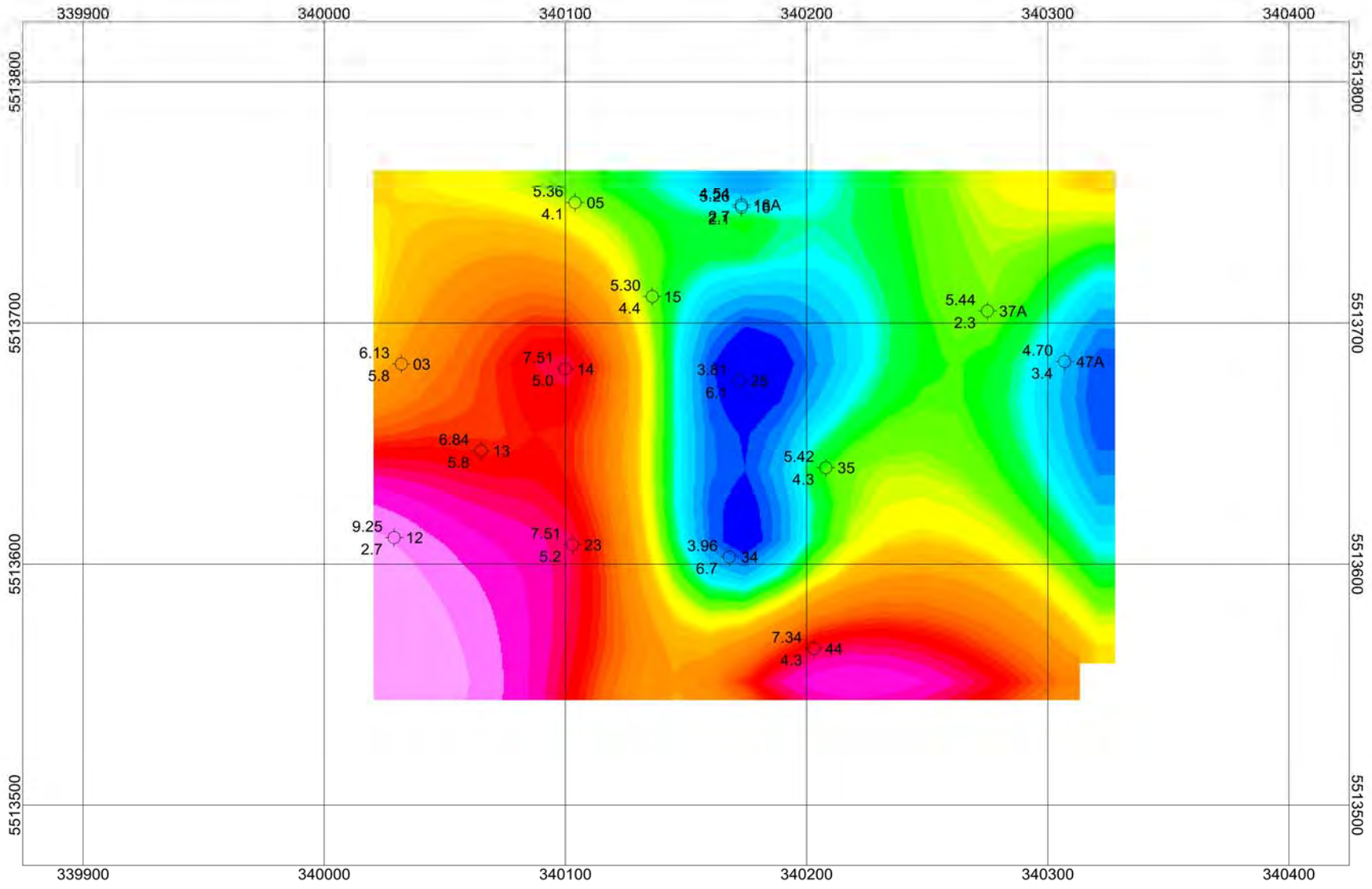
NAD83 / UTM zone 10N

Clibetre Exploration Ltd.

Mount Washington Property

2011 Drilling - Gold ppm in Tailings

Figure 3c



25 0 25 50 75

(meters)

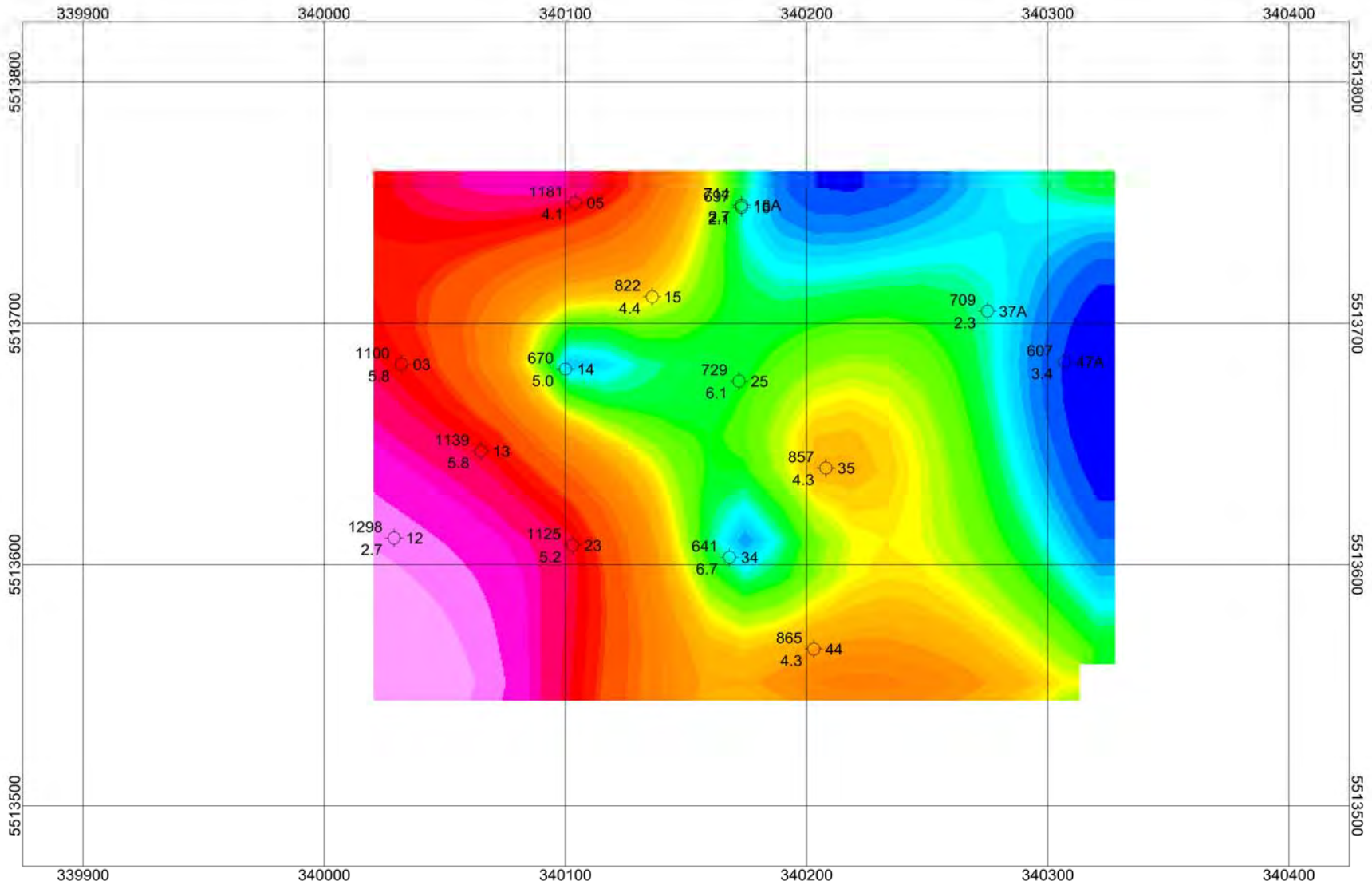
NAD83 / UTM zone 10N

Clibetre Exploration Ltd.

Mount Washington Property

2011 Drilling - Silver ppm in Tailings

Figure 3d



25 0 25 50 75

(meters)

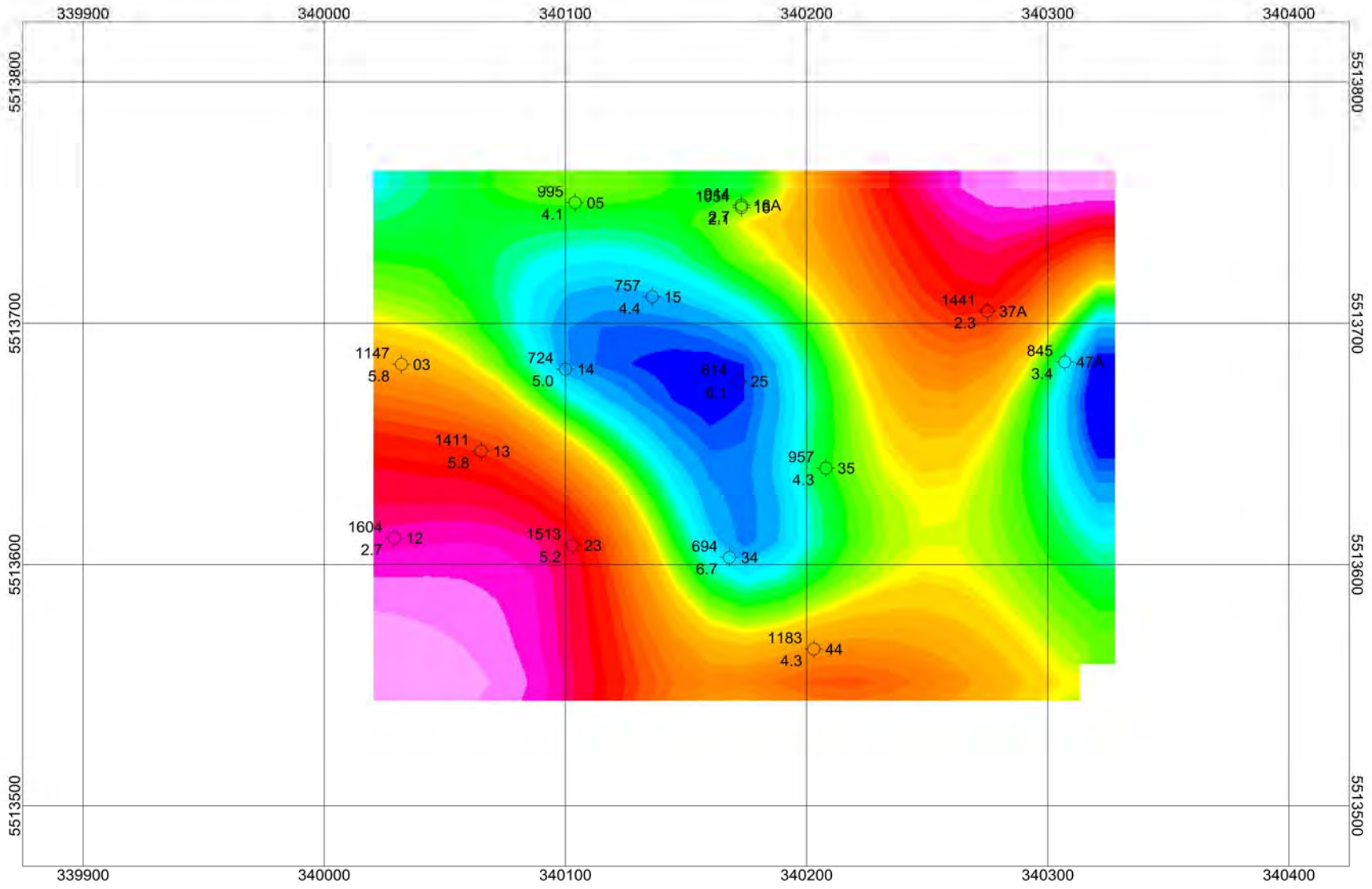
NAD83 / UTM zone 10N

Clibetre Exploration Ltd.

Mount Washington Property

2011 Drilling - Arsenic ppm in Tailings

Figure 3e



25 0 25 50 75

(meters)

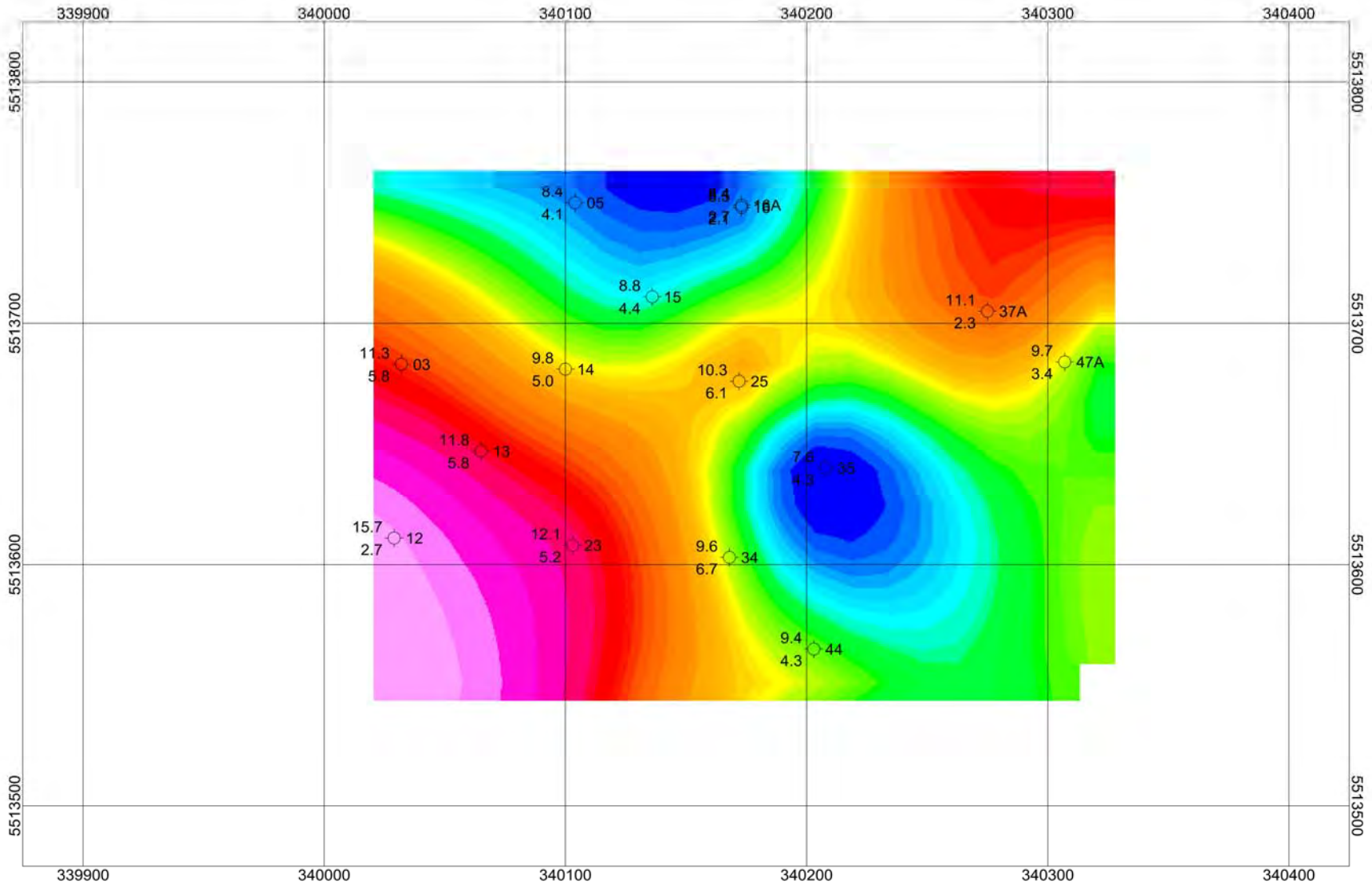
NAD83 / UTM zone 10N

Clibetre Exploration Ltd.

Mount Washington Property

2011 Drilling - Copper ppm in Tailings

Figure 3f



25 0 25 50 75

(meters)

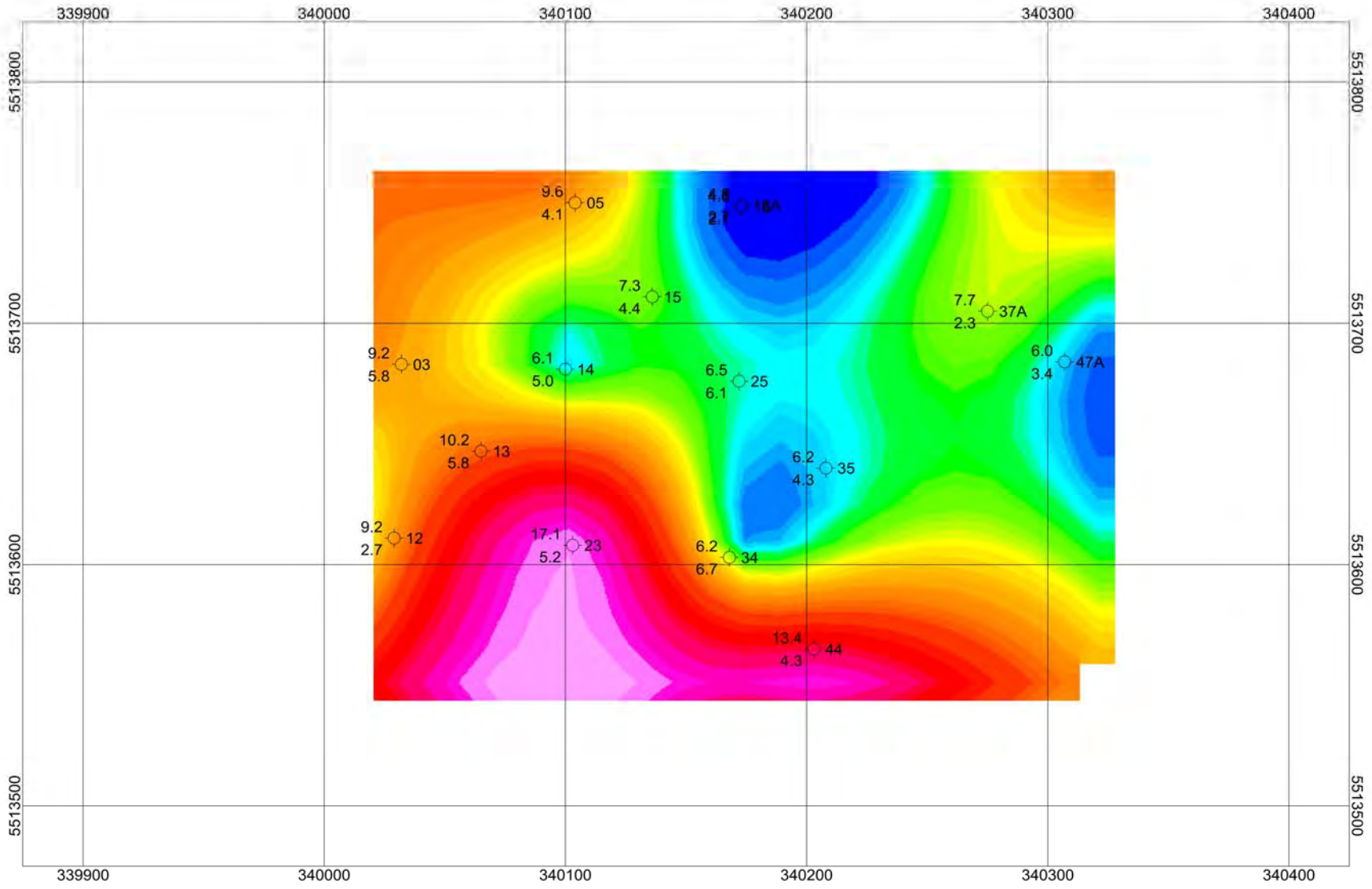
NAD83 / UTM zone 10N

Clibetre Exploration Ltd.

Mount Washington Property

2011 Drilling - Molybdenum ppm in Tailings

Figure 3g



25 0 25 50 75

(meters)

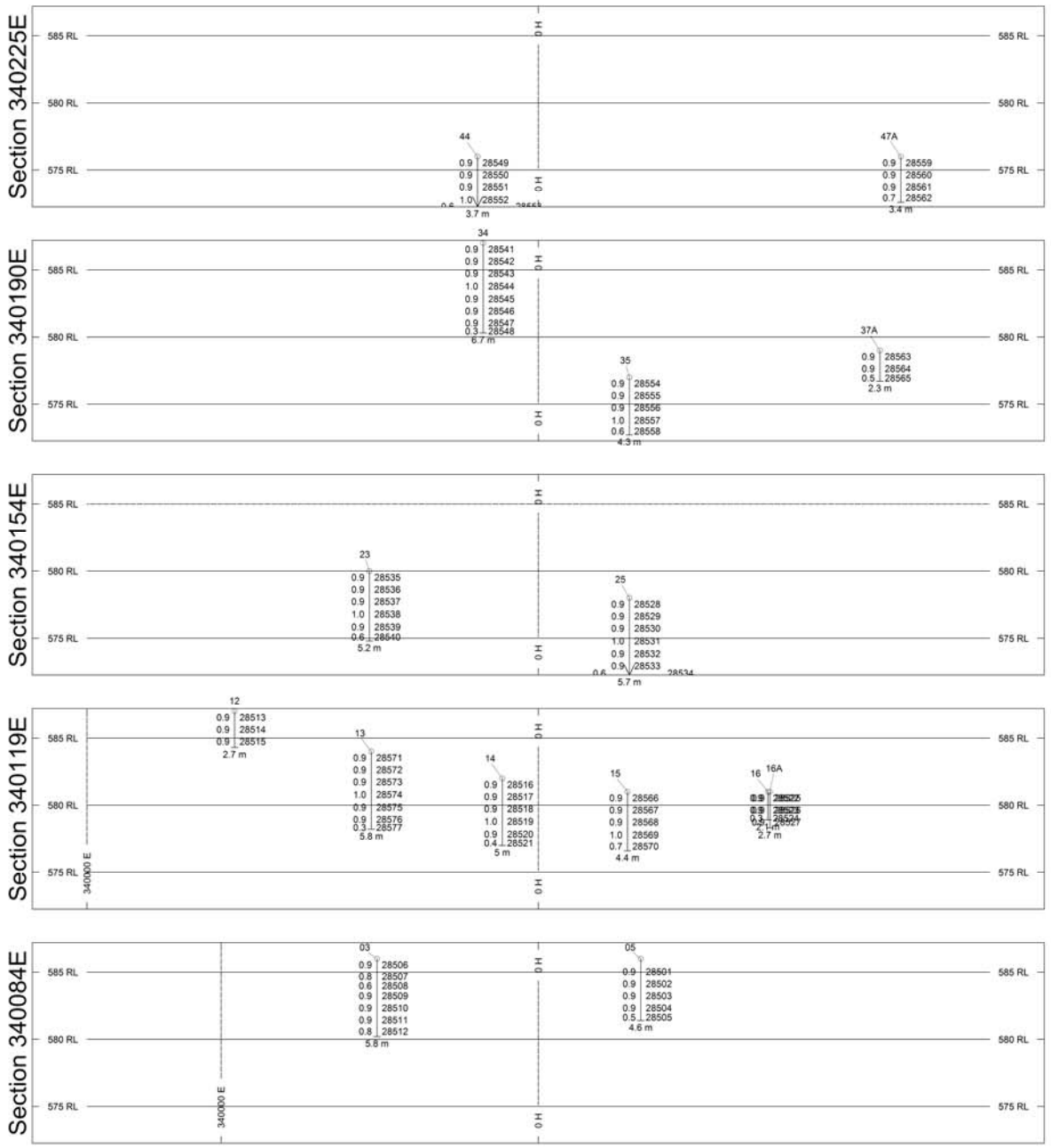
NAD83 / UTM zone 10N

Clibetre Exploration Ltd.

Mount Washington Property

2011 Drilling - Tellurium ppm in Tailings

Figure 3h



HOLES PLOTTED

TOTAL 15

44	47A	34	35	37A	23	25
12	13	14	15	16	16A	03
05						

Figure 3i

ASSAYS	L/R	TEXT
Sample	R	-------
Interval_m	L	-------

SCALE 1 : 2500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 45°

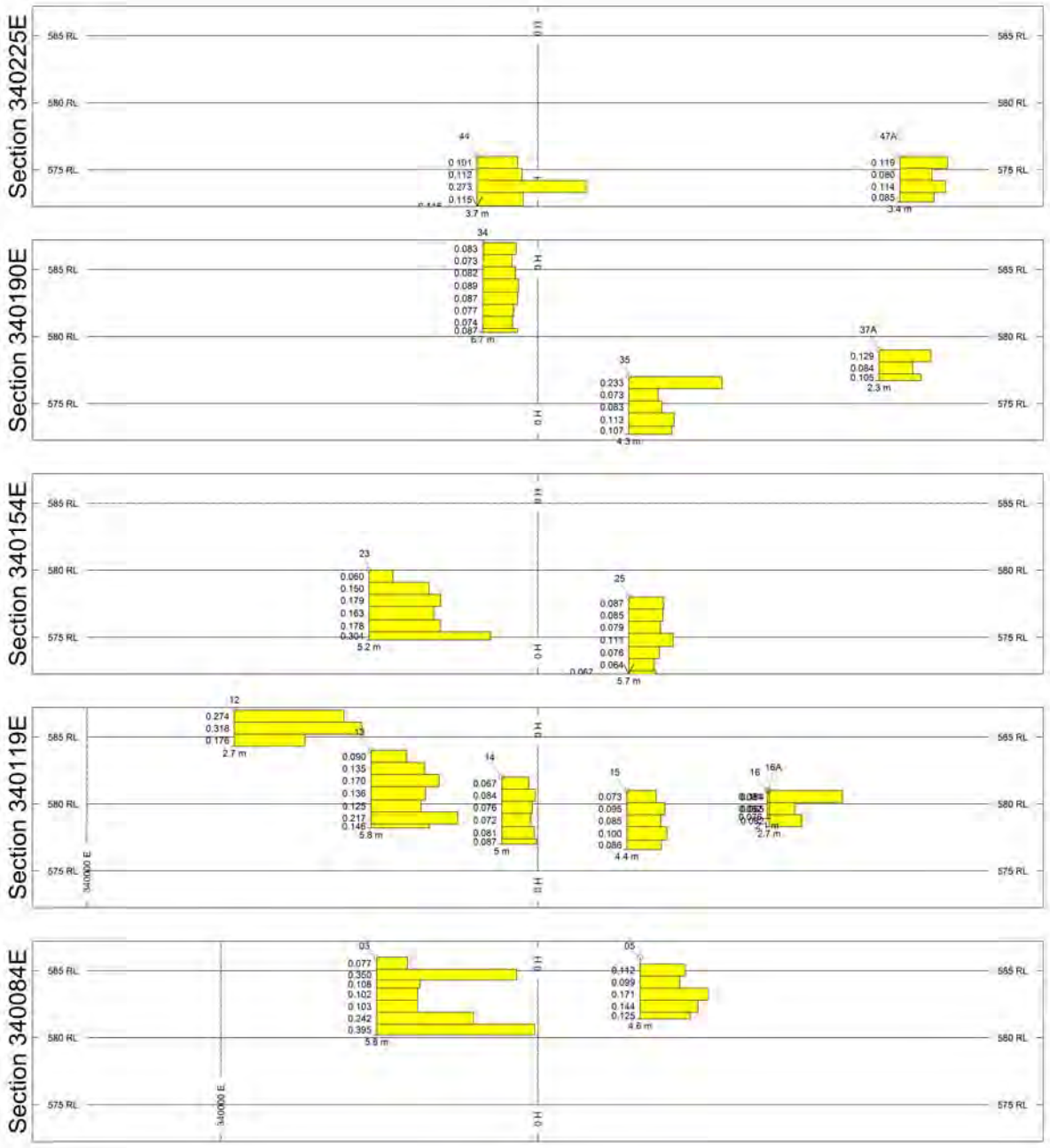
N W E S

Clibetre Exploration Ltd.

Mount Washington Property

Tailings Drill Core Sampling

Cross Sections Looking NW



HOLES PLOTTED

TOTAL 15

44	47A	34	35	37A	23	25
12	13	14	15	16	16A	03
05						

Figure 3j

BAR GRAPHS	L/R	COL
Au_ppm	R	

ASSAYS	L/R	TEXT
Au_ppm	L	-------

SCALE 1 : 2500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 45°

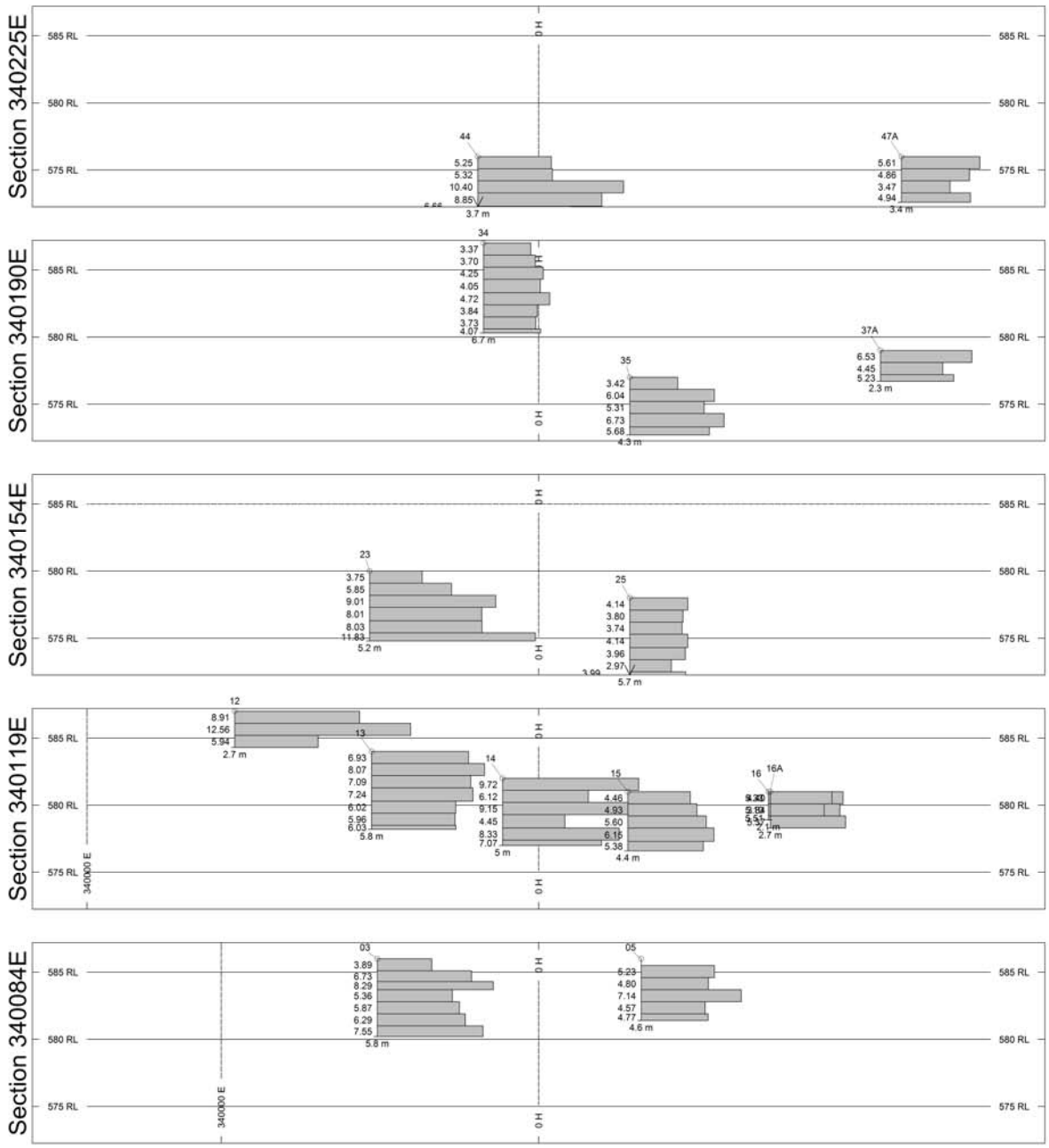
N W E S

Clibetre Exploration Ltd.

Mount Washington Property

Gold ppm in Tailings

Cross Sections Looking NW



HOLES PLOTTED

TOTAL 15

44	47A	34	35	37A	23	25
12	13	14	15	16	16A	03
05						

Figure 3k

BAR GRAPHS	L/R	COL
Ag_ppm	R	

ASSAYS	L/R	TEXT
Ag_ppm	L	-------

SCALE 1 : 2500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 45°

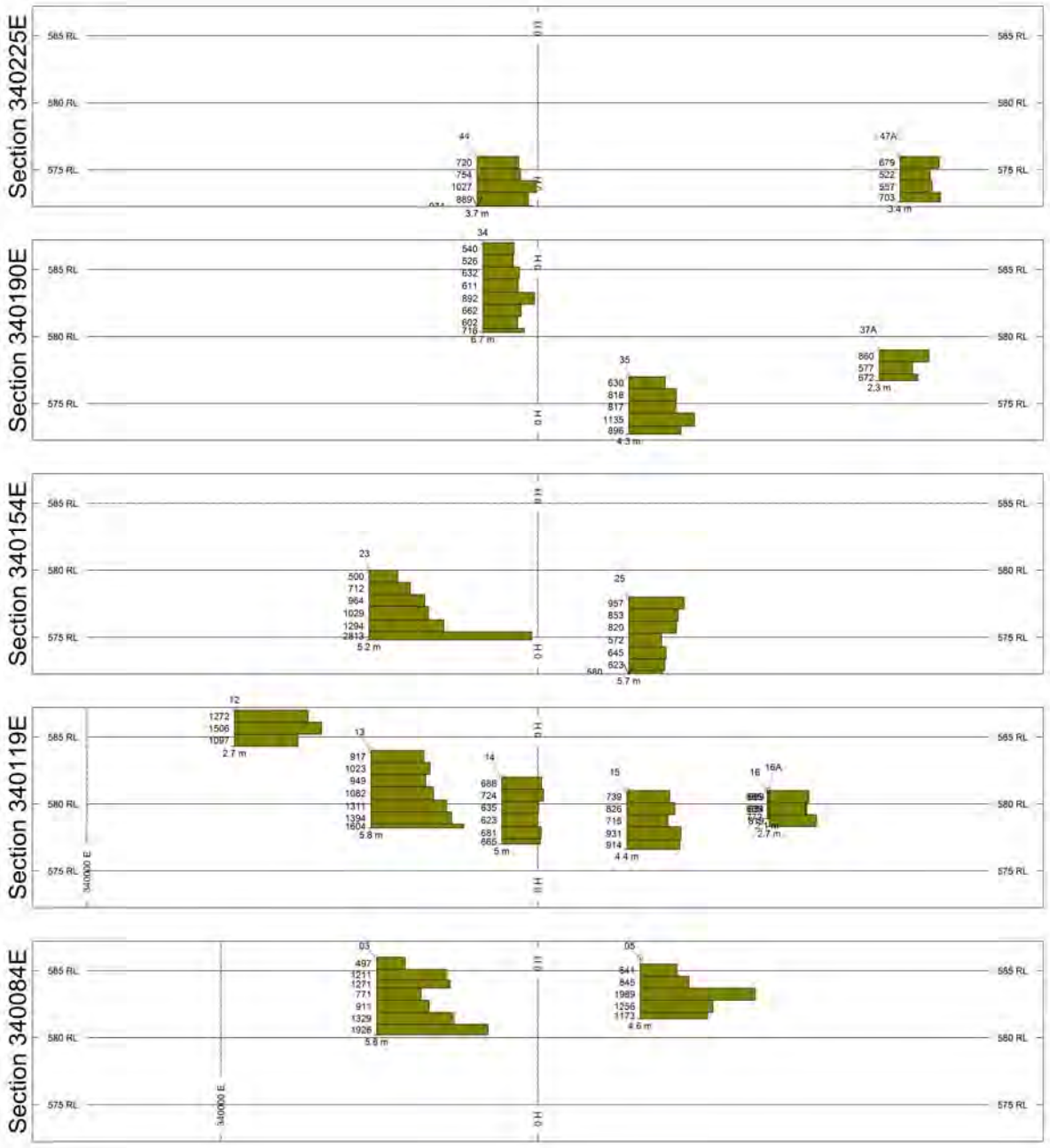
N W E S

Clibetre Exploration Ltd.

Mount Washington Property

Silver ppm in Tailings

Cross Sections Looking NW



HOLES PLOTTED

TOTAL 15

44	47A	34	35	37A	23	25
12	13	14	15	16	16A	03
05						

Figure 3I

BAR GRAPHS	L/R	COL
As_ppm	R	

ASSAYS	L/R	TEXT
As_ppm	L	-------

SCALE 1 : 2500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 45°

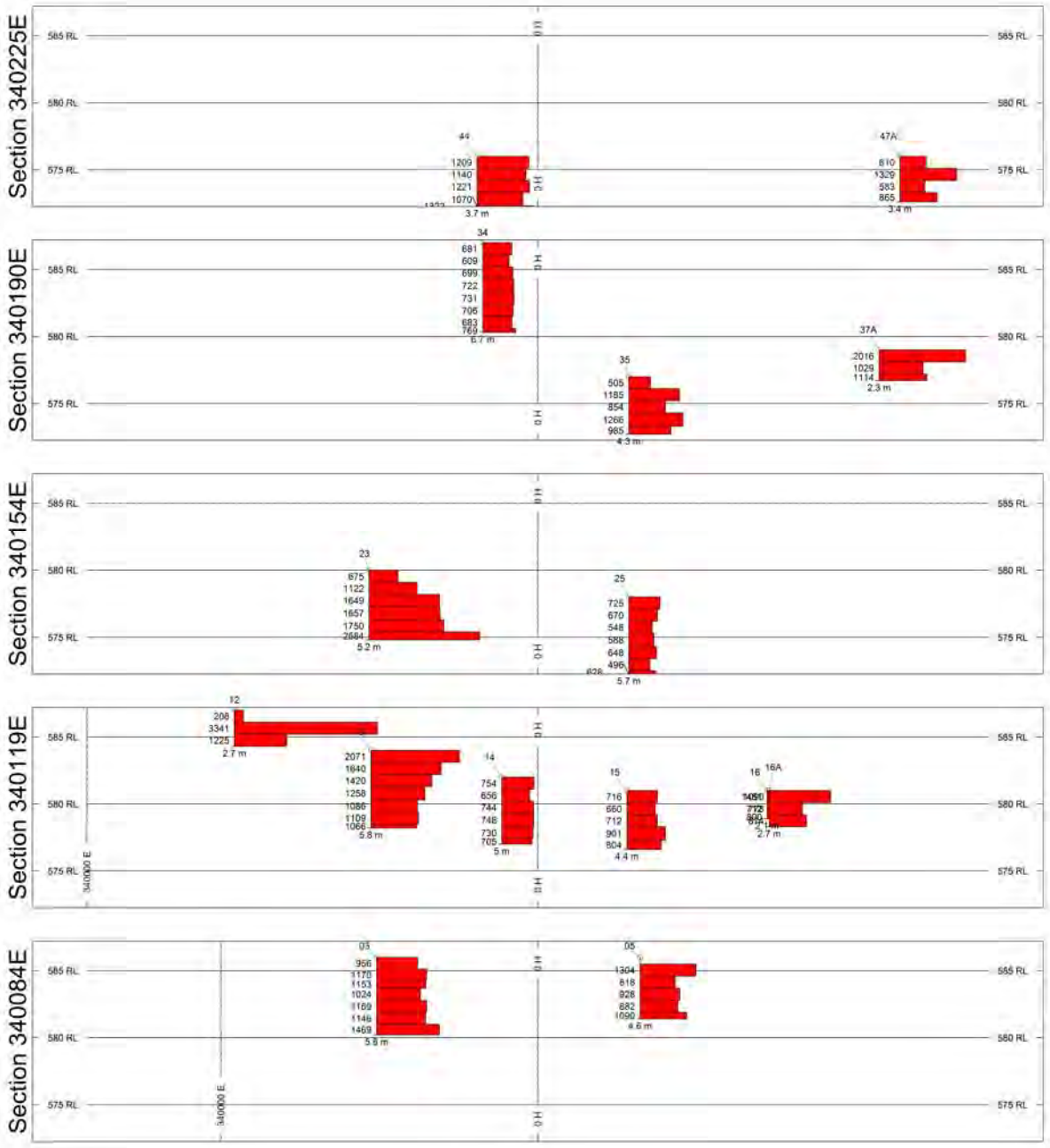
N W E S

Clibetre Exploration Ltd.

Mount Washington Property

Arsenic ppm in Tailings

Cross Sections Looking NW



HOLES PLOTTED

TOTAL 15

44	47A	34	35	37A	23	25
12	13	14	15	16	16A	03
05						

Figure 3m

BAR GRAPHS	L/R	COL
Cu_ppm	R	

ASSAYS	L/R	TEXT
Cu_ppm	L	

SCALE 1 : 2500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 45°

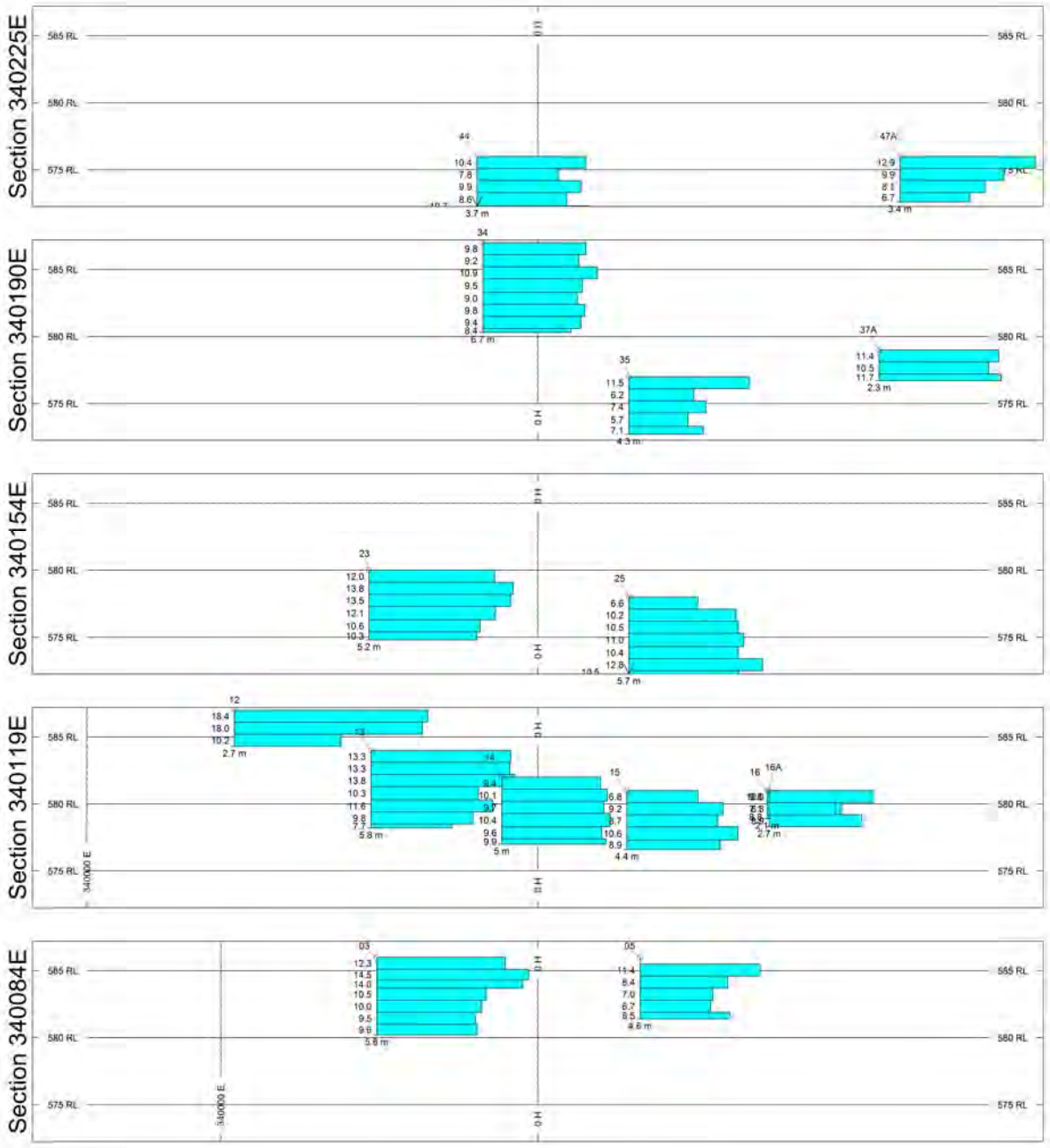
N W E S

Clibetre Exploration Ltd.

Mount Washington Property

Copper ppm in Tailings

Cross Sections Looking NW



HOLES PLOTTED

TOTAL 15

44	47A	34	35	37A	23	25
12	13	14	15	16	16A	03
05						

Figure 3n

BAR GRAPHS	L/R	COL
Mo_ppm	R	

ASSAYS	L/R	TEXT
Mo_ppm	L	-------

SCALE 1 : 2500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 45°

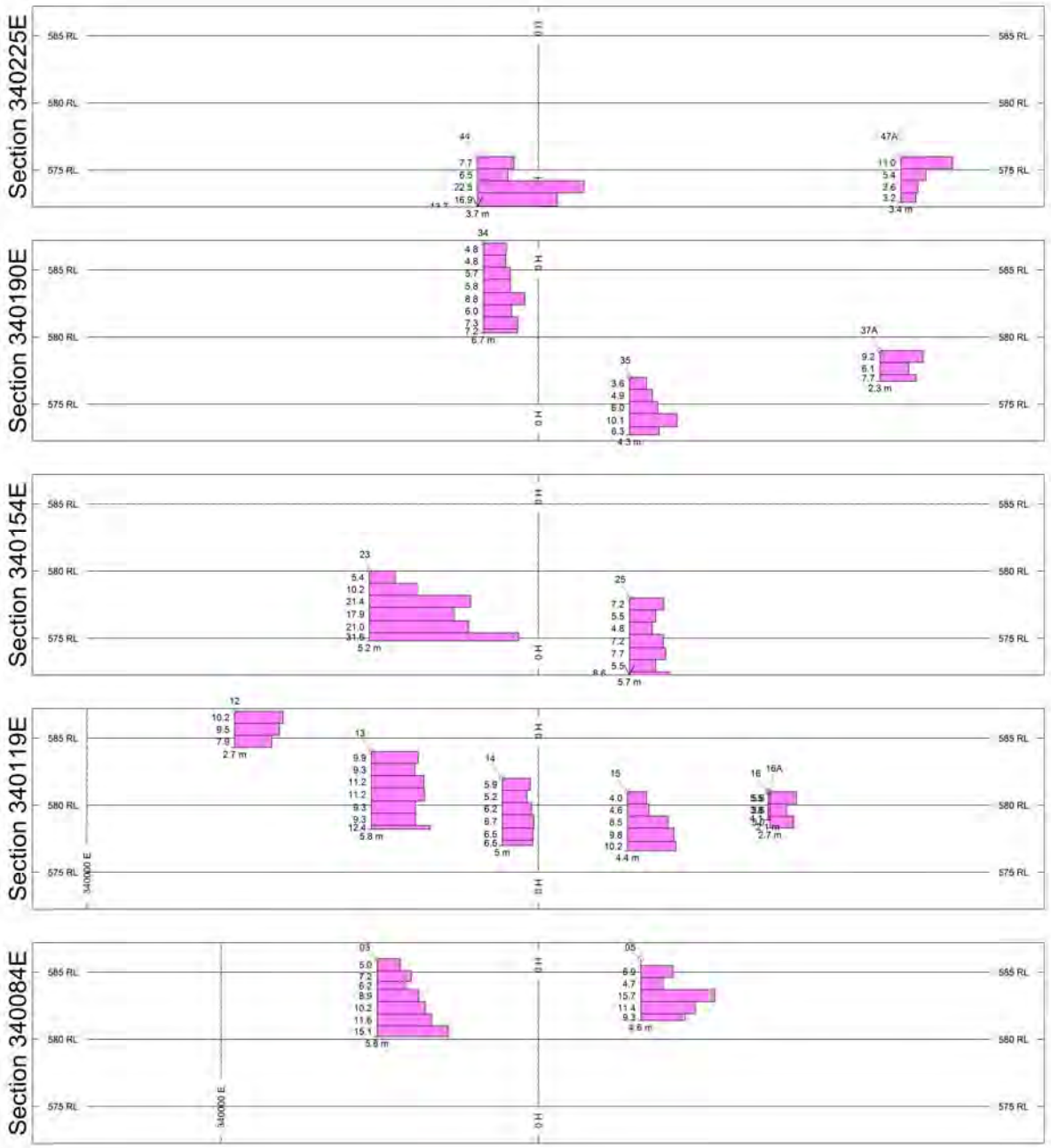
N W E S

Clibetre Exploration Ltd.

Mount Washington Property

Molybdenum ppm in Tailings

Cross Sections Looking NW



HOLES PLOTTED

TOTAL 15

44	47A	34	35	37A	23	25
12	13	14	15	16	16A	03
05						

Figure 3o

BAR GRAPHS	L/R	COL
Te_ppm	R	

ASSAYS	L/R	TEXT
Te_ppm	L	-------

SCALE 1 : 2500

(m)

-20 0 20 40 60

NAD83 / UTM zone 10N

AZIMUTH = 45°

N W E S

Clibetre Exploration Ltd.

Mount Washington Property

Tellurium ppm in Tailings

Cross Sections Looking NW

Appendix 1

2011 Tailings Core Sample Drill Logs

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 12, 2011 / Mt. Washington Tailings Dam**	**Acid Test:**			**Hole Number:**	**03**		
Location:	**340032E 5513683N 586 m. (elevation corrected to surface from belt level by subtracting 1 m.)**	none			**Collar Azimuth:**			
Total Length:	**19' = 5.8 m.**				**Collar Dip:**	**-90**		

Interval (m)	Description	Rx	Sample No	From (m)	To (m)	Length (m)	Au g/t	Ag g/t	As ppm	Cu ppm	Mo ppm	Te ppm	Ca %	Fe %	S %
0.9			28506	0.0	0.9	0.9	0.077	3.89	497.1	956.1	12.28	4.97	0.91	3.35	0.422
0.8			28507	0.9	1.7	0.8	0.35	6.73	1210.5	1169.8	14.5	7.17	1.1	4.69	1.689
0.6			28508	1.7	2.3	0.6	0.108	8.29	1271.3	1153.2	13.96	6.15	1.01	3.92	1.447
0.9			28509	2.3	3.2	0.9	0.102	5.36	771.1	1024.2	10.46	8.87	0.96	4.22	1.321
0.9			28510	3.2	4.1	0.9	0.103	5.87	910.7	1168.5	10.03	10.23	0.98	4.24	1.348
0.9			28511	4.1	5.0	0.9	0.242	6.29	1329	1145.7	9.46	11.55	1.07	4.62	1.315
0.8			28512	5.0	5.8	0.8	0.395	7.55	1925.8	1469	9.61	15.14	1.09	5.21	1.544
	Averages over depth of hole					5.8	0.192132	6.132105	1100.371	1146.679	11.30974	9.207105	1.013421	4.309474	1.273395

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28506	0.077	3.89	6.99	497.1	512	0.64	6.67	0.91	0.43	12.18	20.5	219	2.11	956.1
28507	0.35	6.73	6.55	1211	462	0.56	8.64	1.1	0.62	13.8	105.5	218	2.2	1170
28508	0.108	8.29	6.13	1271	374	0.53	7.94	1.01	0.57	13.85	92.6	219	2.18	1153
28509	0.102	5.36	6.7	771.1	460	0.68	11.27	0.96	0.49	13.11	61.6	184	1.86	1024
28510	0.103	5.87	6.53	910.7	438	0.55	13.19	0.98	0.62	14.62	60.6	213	1.57	1169
28511	0.242	6.29	6.45	1329	420	0.56	14.15	1.07	0.58	13.81	62.1	208	1.47	1146
28512	0.395	7.55	6.42	1926	421	0.62	21.52	1.09	0.72	13.71	70.4	191	1.41	1469

Sample	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
Designation	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28506	3.35	13.11	2.01	0.4	0.17	2.42	5.5	14.8	0.55	227	12.28	0.68	3	21.5	537	6.2	49.7	0.007
28507	4.69	12.67	2.13	0.2	0.25	2.21	6.4	15.5	0.59	611	14.5	0.65	2.9	83.5	500	5.7	49	0.015
28508	3.92	11.88	2.55	0.1	0.26	2.15	6.7	17	0.49	602	13.96	0.58	2.7	52.6	470	6.6	46.7	0.013
28509	4.22	12.62	1.7	0.2	0.19	2.34	6.1	13.4	0.56	622	10.46	0.5	2.2	47	537	6	47.8	0.008
28510	4.24	13.45	1.83	0.3	0.2	2.11	6.8	13.4	0.54	494	10.03	0.5	2.5	47.2	526	7.7	46.1	0.011
28511	4.62	13.37	1.79	0.4	0.2	2.06	6.5	12.2	0.54	445	9.46	0.51	2.5	52.6	504	6.3	44.1	0.005
28512	5.21	12.34	1.65	0.4	0.23	2.08	6.5	11.4	0.53	466	9.61	0.47	2.1	54	489	118	43.9	0.011

Sample	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28506	0.422	22.87	8.9	2.6	1.9	115.3	0.28	4.97	1.1	0.184	0.34	0.6	109	21.3	4.4	50	12.5
28507	1.689	26.42	9.3	4.1	1.4	111.6	0.26	7.17	1.2	0.172	0.44	0.8	115	27.3	4.8	109	5.2
28508	1.447	38.32	7.1	3.6	1.2	105.2	0.24	6.15	1	0.147	0.42	0.7	91	18.4	4	88	3.7
28509	1.321	14.36	8.7	3.7	1.4	92	0.25	8.87	1.2	0.143	0.34	0.9	107	13.5	5.8	77	14
28510	1.348	15.74	9.3	5.5	1.6	104.4	0.21	10.23	1.1	0.15	0.28	0.7	111	11.3	4.6	83	8.5
28511	1.315	15.46	7.9	4.7	1.7	106.3	0.21	11.55	1.6	0.139	0.24	0.7	102	10.5	4.2	80	17.5
28512	1.544	14.37	7.7	4.4	1.7	98.4	0.25	15.14	1	0.132	0.26	0.6	99	9.5	4.2	94	9.4

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 12, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**		**05**								
Location:	**340104E 5513750N 586 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**										
Total Length:	**15' = 4.6 m.**					**Collar Dip:**		**-90**								
Interval (m)	**Description**	**Rx**	**Sample No**	**From (m)**	**To (m)**	**Length (m)**	**Au g/t**	**Ag g/t**	**As ppm**	**Cu ppm**	**Mo ppm**	**Te ppm**	**Ca %**	**Fe %**	**S %**	
0.5	top portion of hole not recovered			0.0	0.5	0.5										
0.9			28501	0.5	1.4	0.9	0.112	5.23	640.5	1304.1	11.43	6.87	1.04	3.93	1.216	
0.9			28502	1.4	2.3	0.9	0.099	4.8	844.5	817.6	8.36	4.68	1.07	3.77	1.093	
0.9			28503	2.3	3.2	0.9	0.171	7.14	1988.6	928.2	6.95	15.66	1.2	5.2	1.537	
0.9			28504	3.2	4.1	0.9	0.144	4.57	1255.9	882	6.73	11.45	1.33	4.99	1.167	
0.5			28505	4.1	4.6	0.5	0.125	4.77	1173.3	1089.6	8.53	9.34	1.27	4.98	1.259	
	Averages over depth of hole					4.1	0.130778	5.361111	1181.367	994.8222	8.385556	9.628889	1.172222	4.528889	1.253889	

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28501	0.112	5.23	6.49	640.5	517	0.7	8.58	1.04	1.29	13.34	72.3	177	2.13	1304
28502	0.099	4.8	6.6	844.5	428	0.68	5.43	1.07	0.71	12.67	55.1	163	2.36	817.6
28503	0.171	7.14	6.54	1989	433	0.57	19.15	1.2	0.64	13.7	56.9	185	1.51	928.2
28504	0.144	4.57	6.91	1256	444	0.56	14.74	1.33	0.88	11.75	47.1	167	1.32	882
28505	0.125	4.77	6.62	1173	435	0.64	13.83	1.27	0.52	13.02	51.7	184	1.5	1090

Sample	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
Designation	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28501	3.93	11.91	<0.05	1.8	0.22	2.31	5.7	16.8	0.54	624	11.43	0.7	3.3	38	522	28.4	48	0.01
28502	3.77	12.81	1.93	0.3	0.2	2.43	6.1	15.8	0.54	716	8.36	0.48	2.3	38.1	544	21	53.7	0.009
28503	5.2	12.39	0.26	0.4	0.18	2.2	6.5	11.1	0.57	451	6.95	0.51	2.1	47.2	532	8.6	42.8	0.01
28504	4.99	13.59	1.28	0.3	0.18	2.26	5.6	11.3	0.63	422	6.73	0.54	2.3	50.3	520	17.1	44.2	0.008
28505	4.98	13.55	1.05	0.3	0.19	2.22	6.4	12.2	0.59	509	8.53	0.48	2.4	74.3	539	7.2	47.6	0.007

Sample	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28501	1.216	22.88	8	3.5	1.3	120.6	0.41	6.87	1.7	0.152	0.37	0.6	91	46.2	5.3	142	3
28502	1.093	17.11	7.5	3.1	1.6	93.1	0.27	4.68	0.9	0.128	0.32	0.7	94	13.3	4.4	87	2.9
28503	1.537	9.65	7.3	4.8	1.8	108.2	0.21	15.66	0.9	0.127	0.22	0.6	87	9.5	4.5	87	7.5
28504	1.167	6.92	7.2	5	2	115.6	0.24	11.45	0.7	0.127	0.21	0.5	93	7.3	4.2	86	6.2
28505	1.259	8.85	8	6.1	1.7	108.1	0.23	9.34	0.9	0.137	0.23	0.7	94	11.5	4.7	83	8

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 12, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**	**12**								
Location:	**340029E 5513611N 587 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**									
Total Length:	**8.7' = 2.7 m.**					**Collar Dip:**	**-90**								
Interval (m)	**Description**	**Rx**	**Sample No**	**From (m)**	**To (m)**	**Length (m)**	**Au g/t**	**Ag g/t**	**As ppm**	**Cu ppm**	**Mo ppm**	**Te ppm**	**Ca %**	**Fe %**	**S %**
0.9			28513	0.0	0.9	0.9	0.274	8.91	1272.2	207.6	18.45	10.24	0.62	3.88	0.391
0.9			28514	0.9	1.8	0.9	0.318	12.56	1505.6	3341.3	17.96	9.47	0.78	3.88	1.603
0.8	Wood in bottom of hole		28515	1.8	2.7	0.8	0.176	5.94	1096.7	1225.2	10.19	7.86	0.84	3.9	1.329
	Averages over depth of hole					2.7	0.258759	9.246897	1298.217	1603.993	15.71759	9.235862	0.743448	3.886207	1.100034

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28513	0.274	8.91	7.05	1272	578	0.56	13.13	0.62	0.09	10.81	5	177	1.98	207.6	3.88	13.49	2.06
28514	0.318	12.56	6.7	1506	405	0.62	12.15	0.78	1	12.28	65.3	225	2.4	3341	3.88	12.37	2.4
28515	0.176	5.94	6.38	1097	426	0.75	10.62	0.84	0.57	12.07	72.9	254	1.75	1225	3.9	12.25	1.73

Sample	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb
Designation	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28513	0.1	0.28	2.52	5.1	12.9	0.42	85	18.45	0.61	2.9	7.8	484	10.7	53.3	0.012	0.391	27.79
28514	0.1	0.44	2.35	5.6	14.4	0.44	272	17.96	0.56	2.9	35.6	507	6.4	50.9	0.012	1.603	31.03
28515	0.5	0.21	2.15	5.7	13.4	0.49	462	10.19	0.42	2.9	43	825	6.3	47.9	0.007	1.329	12.75

Sample	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28513	7.2	4.9	1.7	110.1	0.26	10.24	0.8	0.165	0.43	0.4	101	38.7	2.3	26	6.3
28514	8.8	5.2	1.4	102.4	0.26	9.47	1.2	0.164	0.57	0.8	98	30.5	3.9	114	7
28515	9.2	5.6	1.7	86.2	0.27	7.86	1.1	0.172	0.31	0.9	110	13.7	5.1	112	13.8

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 14, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**		**13**									
Location:	**340065E 5513647N 584 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**											
Total Length:	**19' = 5.8 m.**					**Collar Dip:**		**-90**									
Interval (m)	**Description**	**Rx**	**Sample No**	**From (m)**	**To (m)**	**Length (m)**	**Au g/t**	**Ag g/t**	**As ppm**	**Cu ppm**	**Mo ppm**	**Te ppm**	**Ca %**	**Fe %**	**S %**		
0.9			28571	0.0	0.9	0.9	0.09	6.93	916.6	2070.7	13.33	9.9	1.03	4.69	0.828		
0.9			28572	0.9	1.8	0.9	0.135	8.07	1023.2	1640.2	13.25	9.26	1.42	5.06	1.907		
0.9			28573	1.8	2.7	0.9	0.17	7.09	949.4	1419.8	13.76	11.16	1.1	4.46	1.556		
0.9	black sand		28574	2.7	3.7	0.9	0.136	7.24	1081.8	1258.3	10.26	11.24	0.98	4.74	1.773		
0.9			28575	3.7	4.6	0.9	0.125	6.02	1311	1085.7	11.62	9.32	1.05	4.72	1.593		
0.9	caving		28576	4.6	5.5	0.9	0.217	5.96	1394.3	1109.4	9.76	9.32	1.11	4.94	1.513		
0.3	moss at bottom of hole		28577	5.5	5.8	0.3	0.146	6.03	1603.9	1065.7	7.72	12.43	1.32	5.55	1.711		
	Averages over depth of hole					5.8	0.145526	6.84	1138.568	1411.474	11.77158	10.15947	1.125789	4.809474	1.537947		

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28571	0.09	6.93	7.81	916.6	654	0.67	13.99	1.03	0.29	11.33	36.1	204	2.13	2071
28572	0.135	8.07	7.53	1023	532	0.65	14.16	1.42	0.56	15.39	84.6	227	2.2	1640
28573	0.17	7.09	6.65	949.4	468	0.58	15.22	1.1	0.48	13.26	66.3	233	1.86	1420
28574	0.136	7.24	6.63	1082	349	0.48	16.55	0.98	0.4	11.62	63.2	216	1.55	1258
28575	0.125	6.02	6.27	1311	428	0.52	13.35	1.05	0.41	12.61	60.4	197	1.45	1086
28576	0.217	5.96	6.59	1394	463	0.47	13.79	1.11	0.38	11.97	56.1	204	1.42	1109
28577	0.146	6.03	6.65	1604	430	0.48	18.65	1.32	0.43	10.93	56.6	222	1.11	1066

Sample	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Designation	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28571	4.69	14.67	<0.05	0.2	0.24	2.48	5.3	16.1	0.54	224	13.33	0.78	3.1	19.4	573	7.6
28572	5.06	13.96	<0.05	<0.1	0.25	2.14	7.1	15.2	0.61	714	13.25	0.65	2.8	34.3	574	5.8
28573	4.46	12.92	<0.05	0.2	0.2	2.22	6.3	12.4	0.54	552	13.76	0.54	2.3	35.4	488	5.3
28574	4.74	12.71	0.14	0.2	0.19	2.18	5.2	11.1	0.52	439	10.26	0.54	2.2	33	494	5.2
28575	4.72	12.41	0.2	0.2	0.17	2.06	5.8	10.9	0.52	437	11.62	0.48	2.1	32.2	499	5.2
28576	4.94	12.49	<0.05	0.2	0.17	2.08	5.5	10.2	0.53	397	9.76	0.51	2.1	43.3	481	4.8
28577	5.55	12.92	0.13	0.2	0.16	2.03	5	8.8	0.6	394	7.72	0.51	1.9	42.3	488	5.6

Sample	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28571	57.1	0.01	0.828	23.47	8.6	3.5	1.5	152.8	0.27	9.9	1	0.183	0.39	0.6	98	30.4	3.9	69	6.2
28572	47.2	0.012	1.907	24.51	8.5	4	1.4	123.9	0.24	9.26	1.1	0.172	0.44	0.8	89	29.9	5	105	3.5
28573	47.6	0.009	1.556	18.84	8.1	4	1.4	104.3	0.17	11.16	1	0.145	0.33	1	86	19.9	4.7	85	11.2
28574	45.8	0.007	1.773	14.34	7.2	4.2	1.6	101.5	0.19	11.24	0.9	0.128	0.29	0.7	84	15.3	3.7	79	9.2
28575	43.4	0.009	1.593	14.35	6.8	3.8	1.6	102.2	0.17	9.32	0.8	0.127	0.27	0.5	84	14.7	4	79	5
28576	43.7	0.009	1.513	13.5	6.9	3.6	1.6	103.9	0.17	9.32	0.7	0.135	0.26	0.5	79	15.2	3.5	76	14.1
28577	41.9	0.006	1.711	7.96	7	4.6	1.7	111.9	0.18	12.43	0.7	0.128	0.21	0.4	82	8.7	3.6	82	6.3

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 12, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**		**14**							
Location:	**340100E 5513681N 582 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**									
Total Length:	**16.5' = 5.0m.**					**Collar Dip:**		**-90**							
Interval (m)	**Description**	**Rx**	**Sample No**	**From (m)**	**To (m)**	**Length (m)**	**Au g/t**	**Ag g/t**	**As ppm**	**Cu ppm**	**Mo ppm**	**Te ppm**	**Ca %**	**Fe %**	**S %**
0.9			28516	0.0	0.9	0.9	0.067	9.72	687.9	754.1	9.43	5.91	1.29	3.83	0.924
0.9	very wet		28517	0.9	1.8	0.9	0.084	6.12	723.5	655.9	10.08	5.23	1.36	3.76	0.99
0.9	wet		28518	1.8	2.7	0.9	0.076	9.15	635.4	744.2	9.74	6.16	1.32	3.81	0.981
0.9	wet		28519	2.7	3.7	0.9	0.072	4.45	623.1	747.8	10.35	6.66	1.36	3.87	0.982
0.9	wet		28520	3.7	4.6	0.9	0.081	8.33	680.7	729.7	9.55	6.54	1.38	4.06	1.01
0.9	wet, moss and wood at bottom of hole		28521	4.6	5.0	0.5	0.087	7.07	665.4	705.3	9.95	6.45	1.42	3.96	1.02
	Averages over depth of hole					5.0	0.077	7.51	669.6909	724.4273	9.840909	6.131818	1.349091	3.874545	0.981273

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28516	0.067	9.72	6.57	687.9	481	0.57	7.02	1.29	0.67	12.84	55.7	183	2.24	754.1	3.83
28517	0.084	6.12	6.4	723.5	467	0.54	6.83	1.36	0.49	11.46	53.8	203	2.04	655.9	3.76
28518	0.076	9.15	6.4	635.4	453	0.67	8.06	1.32	0.46	12.52	53.8	184	1.92	744.2	3.81
28519	0.072	4.45	6.47	623.1	460	0.63	8.55	1.36	0.5	12.59	57.5	191	1.96	747.8	3.87
28520	0.081	8.33	6.49	680.7	440	0.51	8.56	1.38	0.46	12.83	52.5	222	1.78	729.7	4.06
28521	0.087	7.07	6.37	665.4	435	0.64	8.04	1.42	0.41	11.31	54.8	210	1.86	705.3	3.96

Sample	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
Designation	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28516	12.95	2.15	<0.1	0.2	2.24	5.7	15.2	0.56	559	9.43	0.67	2.7	39.6	525	6.1	52.5	0.008
28517	12.41	2.04	0.1	0.2	2.28	5.3	14.3	0.55	568	10.08	0.6	3	51.9	522	5.9	47.8	0.006
28518	12.25	2.02	0.1	0.19	2.22	5.9	13.6	0.56	656	9.74	0.62	2.9	45	536	5.9	46.9	0.011
28519	12.43	2.06	0.1	0.19	2.25	5.9	14.6	0.56	672	10.35	0.63	2.6	54.5	538	5.7	46.5	0.008
28520	11.9	1.85	0.4	0.17	2.17	5.9	12.8	0.57	630	9.55	0.58	3	46.8	547	5.3	44.9	0.009
28521	12.24	1.86	0.1	0.17	2.12	5.3	13	0.56	634	9.95	0.64	2.6	64.8	523	5.4	45.5	0.007

Sample	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28516	0.924	23.41	7.6	3.2	1.5	132.9	0.23	5.91	0.9	0.143	0.35	0.6	102	31.3	5.2	71	3.2
28517	0.99	20.13	7.7	3.2	1.4	125.5	0.23	5.23	0.9	0.151	0.34	0.6	98	28.6	4.5	70	13.2
28518	0.981	19.92	7.1	3.8	1.3	117.9	0.22	6.16	0.9	0.149	0.31	0.6	91	27.4	4.6	77	11.6
28519	0.982	20.98	7.7	2.8	1.4	121	0.22	6.66	0.9	0.148	0.33	0.6	93	26.4	4.5	75	4.8
28520	1.01	16.58	7.5	2.6	1.3	109.4	0.24	6.54	1	0.151	0.32	0.7	96	20.5	4.5	71	8
28521	1.02	20.85	7.3	3.1	1.3	123.8	0.19	6.45	0.8	0.142	0.32	0.5	95	24.4	6.4	70	5.1

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 14, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**	**15**	
Location:	**340136E 5513711N 581 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**		
Total Length:	**14.5' = 4.4 m.**					**Collar Dip:**	**-90**	

Interval (m)	Description	Rx	Sample No	From (m)	To (m)	Length (m)	Au g/t	Ag g/t	As ppm	Cu ppm	Mo ppm	Te ppm	Ca %	Fe %	S %
0.9			28566	0.0	0.9	0.9	0.073	4.46	738.5	715.8	6.78	4	1.35	3.81	0.839
0.9			28567	0.9	1.8	0.9	0.095	4.93	826.2	659.8	9.18	4.58	1.42	3.82	1.061
0.9			28568	1.8	2.7	0.9	0.085	5.6	714.7	711.7	8.7	8.49	1.33	4.05	1.05
0.9			28569	2.7	3.7	0.9	0.1	6.15	931.4	900.5	10.6	9.83	1.77	5.28	1.505
0.8			28570	3.7	4.4	0.8	0.086	5.38	914.1	803.8	8.92	10.23	1.6	4.73	1.295
	Averages over depth of hole					4.4	0.087862	5.301379	821.9069	756.7517	8.833103	7.32931	1.490345	4.324483	1.145

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28566	0.073	4.46	7.07	738.5	493	0.55	5.97	1.35	0.31	10.9	37.8	166	2.37	715.8	3.81
28567	0.095	4.93	6.61	826.2	490	0.45	6.23	1.42	0.46	11.95	63.6	194	2.12	659.8	3.82
28568	0.085	5.6	6.56	714.7	446	0.64	12.06	1.33	0.44	13.29	54	148	1.77	711.7	4.05
28569	0.1	6.15	8.37	931.4	583	0.74	14.16	1.77	0.56	16.82	64.9	186	2.23	900.5	5.28
28570	0.086	5.38	7.6	914.1	540	0.6	14.53	1.6	0.48	14.78	57.4	209	2.14	803.8	4.73

Sample	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
Designation	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28566	12.89	1.72	<0.1	0.18	2.37	4.9	14	0.63	478	6.78	0.63	2.6	27.4	536	6.5	47.8	0.009
28567	11.61	0.48	<0.1	0.21	2.23	5.5	13.7	0.59	565	9.18	0.69	2.6	31.6	506	6.7	46.8	0.003
28568	12.82	0.68	0.2	0.18	2.17	6.3	12.2	0.6	556	8.7	0.53	2.3	31.1	536	6	47.2	0.006
28569	16.42	0.43	1.3	0.23	2.72	7.6	15.7	0.77	727	10.6	0.67	3.6	44.7	726	6.1	59.4	0.009
28570	15.39	0.1	0.2	0.22	2.4	6.8	15.4	0.7	608	8.92	0.64	2.6	44.8	664	5.4	54.5	0.006

Sample	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28566	0.839	26.53	8.1	3.6	1.3	106.8	0.23	4	1.1	0.17	0.38	0.7	94	26	4.2	64	3.7
28567	1.061	27.03	7.3	3.1	1.3	120.1	0.18	4.58	1	0.148	0.35	0.8	84	32.7	4.1	81	8.5
28568	1.05	13.02	8.4	3.3	1.5	105.6	0.17	8.49	1	0.151	0.29	0.8	102	15.8	4.8	76	7
28569	1.505	17.82	11	4.7	2	135.6	0.46	9.83	2.3	0.187	0.37	0.8	120	21	5.9	90	4.5
28570	1.295	18.22	10.3	4.3	1.8	130.3	0.26	10.23	1.3	0.161	0.35	1	115	19.8	5.2	80	3.4

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 13, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**	**16**	
Location:	**340173E 5513748N 581 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**		
Total Length:	**7' = 2.1 m.**					**Collar Dip:**	**-90**	

Interval (m)	Description	Rx	Sample No	From (m)	To (m)	Length (m)	Au g/t	Ag g/t	As ppm	Cu ppm	Mo ppm	Te ppm	Ca %	Fe %	S %
0.9			28522	0.0	0.9	0.9	0.081	5.33	684.7	1480.9	9.8	5.54	0.85	3.15	0.384
0.9	soft ground		28523	0.9	1.8	0.9	0.062	5.1	684.5	711.5	7.1	3.76	1.24	4.02	0.88
0.9	stopped in grey mud		28524	1.8	2.1	0.3	0.076	5.51	772.4	799.9	8.82	4.1	1.2	4.35	0.959
	Averages over depth of hole					2.1	0.072143	5.257143	697.1429	1053.871	8.502857	4.571429	1.067143	3.694286	0.678714

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28522	0.081	5.33	6.53	684.7	455	0.61	6.85	0.85	1.23	12.14	29.1	210	2.06	1481	3.15	12.09
28523	0.062	5.1	7.21	684.5	510	0.72	4.53	1.24	0.43	13.38	70.8	177	2.83	711.5	4.02	13.71
28524	0.076	5.51	7.78	772.4	550	0.7	5.19	1.2	0.54	13.21	73.5	179	3.42	799.9	4.35	14.83

Sample	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
Designation	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28522	1.59	<0.1	0.2	2.17	5.4	13.5	0.44	256	9.8	0.68	2.9	25.9	554	4.5	48.2	0.008
28523	0.95	0.2	0.22	2.57	6.1	15.9	0.64	811	7.1	0.62	2.7	47.1	562	7.1	55	0.006
28524	1.77	0.2	0.26	2.86	6.4	17.1	0.7	828	8.82	0.61	2.9	46.5	541	7.5	63.1	0.01

Sample	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28522	0.384	39.15	7.9	3.4	1.3	122.7	0.2	5.54	1	0.162	0.35	0.7	93	20.1	5.7	66	5.5
28523	0.88	27.47	8.4	2.5	1.6	113	0.19	3.76	1	0.161	0.36	0.7	98	25.2	4.8	80	12.1
28524	0.959	32.1	9.2	3.4	1.7	116.5	0.21	4.1	1.1	0.168	0.43	0.7	112	30.9	4.9	91	12.1

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 13, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**	**16A**	
Location:	**340173E 5513749N 581 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**		
Total Length:	**9' = 2.7 m.**					**Collar Dip:**	**-90**	

Interval (m)	Description	Rx	Sample No	From (m)	To (m)	Length (m)	Au g/t	Ag g/t	As ppm	Cu ppm	Mo ppm	Te ppm	Ca %	Fe %	S %
0.9			28525	0.0	0.9	0.9	0.184	4.4	689.2	1090.3	9.97	5.62	0.84	3.02	0.291
0.9			28526	0.9	1.8	0.9	0.065	3.84	633.5	777.8	6.33	3.62	1.2	4.17	0.822
0.9	black mud and organic material at end of hole		28527	1.8	2.7	0.9	0.082	5.37	819.3	873.8	8.87	5.04	1.21	3.84	1.005
	Averages over depth of hole					2.7	0.110333	4.536667	714	913.9667	8.39	4.76	1.083333	3.676667	0.706

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28525	0.184	4.4	6.65	689.2	474	0.62	7.31	0.84	0.24	10.58	18.2	268	2.03	1090	3.02	12.02
28526	0.065	3.84	7.63	633.5	572	0.71	4.65	1.2	0.37	13.35	69.8	194	3.05	777.8	4.17	14.47
28527	0.082	5.37	7.14	819.3	481	0.52	6.54	1.21	0.48	12.8	53	200	2.86	873.8	3.84	13.53

Sample	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
Designation	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28525	2.23	<0.1	0.2	2.29	4.8	13.3	0.42	181	9.97	0.69	2.8	17.2	532	5	47.8	0.008
28526	2.13	0.3	0.21	2.67	6.2	15.8	0.71	851	6.33	0.61	2.9	52.8	558	5.3	57.8	0.006
28527	2.07	0.3	0.24	2.59	5.9	16.3	0.62	700	8.87	0.49	2.9	33.7	504	5.9	55.5	0.006

Sample	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28525	0.291	40.98	7.5	2.9	1.4	118.3	0.22	5.62	1	0.171	0.35	0.6	94	20.3	3.9	51	9.4
28526	0.822	24.2	9.6	2.7	1.8	117.8	0.23	3.62	1.1	0.176	0.37	0.7	121	24.5	4.9	79	8.3
28527	1.005	26.02	8.8	3.4	1.7	97.6	0.21	5.04	1	0.171	0.37	0.8	101	24.7	4.5	75	5.9

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 13, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**		**23**								
Location:	**340103E 5513608N 580 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**										
Total Length:	**17' = 5.2m.**					**Collar Dip:**		**-90**								
Interval (m)	**Description**	**Rx**	**Sample No**	**From (m)**	**To (m)**	**Length (m)**	**Au g/t**	**Ag g/t**	**As ppm**	**Cu ppm**	**Mo ppm**	**Te ppm**	**Ca %**	**Fe %**	**S %**	
0.9			28535	0.0	0.9	0.9	0.06	3.75	499.8	675.1	11.99	5.4	0.89	3.51	0.496	
0.9	some water		28536	0.9	1.8	0.9	0.15	5.85	712.4	1122.2	13.76	10.17	1.19	4.07	1.185	
0.9			28537	1.8	2.7	0.9	0.179	9.01	963.7	1649.1	13.5	21.44	1.03	4.83	1.838	
0.9			28538	2.7	3.7	0.9	0.163	8.01	1029.2	1656.7	12.08	17.86	1.16	4.77	1.701	
0.9	black sand		28539	3.7	4.6	0.9	0.178	8.03	1293.5	1749.5	10.61	21	1.15	5.28	1.803	
0.6	black sand		28540	4.6	5.2	0.6	0.304	11.83	2812.7	2583.6	10.29	31.56	1.1	6	2.229	
	Averages over depth of hole					5.2	0.164588	7.506471	1124.776	1513.235	12.14118	17.10176	1.085882	4.669412	1.501588	

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28535	0.06	3.75	6.53	499.8	518	0.5	8.43	0.89	0.19	11.79	30.3	184	1.87	675.1
28536	0.15	5.85	6.59	712.4	551	0.46	15.3	1.19	0.44	13.14	72.5	186	2.06	1122
28537	0.179	9.01	6.67	963.7	384	0.48	33.67	1.03	0.54	13.75	83	187	1.74	1649
28538	0.163	8.01	6.82	1029	481	0.52	25.84	1.16	0.52	14.13	75.6	185	1.71	1657
28539	0.178	8.03	6.67	1294	421	0.52	31.57	1.15	0.54	13.26	75.8	186	1.34	1750
28540	0.304	11.83	6.58	2813	376	0.48	46.69	1.1	0.76	12.42	88.7	184	1.36	2584

Sample	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Designation	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28535	3.51	11.07	1.63	3.6	0.16	2.3	4.5	10	0.45	295	11.99	0.71	4.3	21.8	476	7.4
28536	4.07	11.6	1.81	0.8	0.19	2.21	6	11	0.55	670	13.76	0.75	3.1	45.5	491	6.4
28537	4.83	12.29	0.59	0.4	0.21	2.26	6.6	9.3	0.55	585	13.5	0.61	2.4	44.1	495	6.2
28538	4.77	12.76	1.75	0.4	0.21	2.32	6.8	9.7	0.58	543	12.08	0.65	2.6	42.4	518	5.4
28539	5.28	12.23	1.22	0.3	0.21	2.19	6.4	8.4	0.57	430	10.61	0.61	2.3	52.7	492	5.9
28540	6	12.14	1.42	0.2	0.27	2.17	5.8	7.9	0.56	421	10.29	0.58	2.2	49.3	469	7.6

Sample	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28535	46.6	0.011	0.496	37.03	7	3	1.4	121.3	0.61	5.4	3.2	0.146	0.36	0.4	77	34.5	4.7	74	6.4
28536	48	0.01	1.185	23.89	7.5	4.1	1.3	123.3	0.4	10.17	1.5	0.153	0.37	0.7	89	33.3	5.1	97	5
28537	44.7	0.012	1.838	18.99	8.2	4.2	1.3	106.2	0.27	21.44	1.2	0.146	0.37	0.7	92	24	4.9	104	6.5
28538	45.2	0.01	1.701	15.54	8.2	4.8	1.5	113.6	0.29	17.86	1.1	0.153	0.32	0.6	100	18.9	4.9	101	6.9
28539	43.2	0.009	1.803	12.28	7.4	5.9	1.5	119.1	0.25	21	0.9	0.138	0.31	0.6	92	17.4	5	101	6.3
28540	42.2	0.009	2.229	13.4	6.6	6.8	1.6	113.7	0.23	31.56	0.8	0.122	0.27	0.5	86	13.2	4.3	123	3.9

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 13, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**		**25**								
Location:	**340172E 5513676N 578 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**										
Total Length:	**20' = 6.1 m.**					**Collar Dip:**		**-90**								
Interval (m)	**Description**	**Rx**	**Sample No**	**From (m)**	**To (m)**	**Length (m)**	**Au g/t**	**Ag g/t**	**As ppm**	**Cu ppm**	**Mo ppm**	**Te ppm**	**Ca %**	**Fe %**	**S %**	
0.9	compressed to 2' length		28528	0.0	0.9	0.9	0.087	4.14	957.4	725.3	6.6	7.23	1.32	4.19	0.926	
0.9	compressed to 2' length		28529	0.9	1.8	0.9	0.085	3.8	853.3	669.7	10.24	5.55	1.3	4.04	0.735	
0.9			28530	1.8	2.7	0.9	0.079	3.74	820.3	548.3	10.48	4.82	1.3	4	0.702	
0.9			28531	2.7	3.7	0.9	0.111	4.14	571.6	588.1	10.99	7.15	1.36	3.96	0.663	
0.9			28532	3.7	4.6	0.9	0.076	3.96	644.8	648.3	10.44	7.7	1.21	3.88	0.737	
0.9	hit wood		28533	4.6	5.5	0.9	0.064	2.97	623.3	496.2	12.77	5.49	1.09	3.64	0.429	
0.6	very wet, hit rock, dinged bit		28534	5.5	6.1	0.6	0.067	3.99	580.4	628.4	10.51	8.55	1.25	3.86	0.779	
	Averages over depth of hole					6.1	0.082	3.8115	728.645	614.225	10.279	6.546	1.262	3.9425	0.7067	

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28528	0.087	4.14	6.94	957.4	496	0.73	9.12	1.32	0.44	12.43	45.8	193	2.13	725.3
28529	0.085	3.8	6.97	853.3	503	0.57	7.41	1.3	0.35	12.19	39.2	209	2.16	669.7
28530	0.079	3.74	6.93	820.3	508	0.57	6.41	1.3	0.37	12.24	44.2	201	2.1	548.3
28531	0.111	4.14	6.73	571.6	455	0.45	9.53	1.36	0.26	13.99	30.7	202	1.63	588.1
28532	0.076	3.96	6.8	644.8	477	0.55	10.55	1.21	0.28	12.71	32.5	217	1.62	648.3
28533	0.064	2.97	6.73	623.3	507	0.47	7.41	1.09	0.2	12.45	23.5	216	1.63	496.2
28534	0.067	3.99	6.68	580.4	470	0.62	10.93	1.25	0.33	13.59	35.1	217	1.7	628.4

Sample	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Designation	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28528	4.19	13.37	1.86	0.2	0.22	2.39	5.8	12.8	0.61	469	6.6	0.6	2.6	25.1	567
28529	4.04	13.55	1.8	0.3	0.19	2.41	5.7	13.1	0.63	442	10.24	0.63	2.7	34.5	546
28530	4	12.84	1.23	0.1	0.19	2.43	5.6	13.2	0.61	448	10.48	0.68	2.9	35.6	539
28531	3.96	12.96	1.43	0.4	0.16	2.2	6.5	12.1	0.61	405	10.99	0.62	2.7	45.7	541
28532	3.88	13.06	1.29	0.3	0.16	2.32	5.9	12.6	0.58	374	10.44	0.57	2.8	43.4	554
28533	3.64	12.72	1.59	0.2	0.15	2.31	5.8	12.8	0.56	281	12.77	0.62	2.7	40.8	516
28534	3.86	13.47	1.71	0.2	0.17	2.28	6.5	12.4	0.59	398	10.51	0.57	2.7	51.1	530

Sample	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28528	6.1	50.7	0.005	0.926	20.58	8.2	2.9	1.8	119.1	0.2	7.23	0.9	0.16	0.29	0.7	101	20.3	4.6	70	10.9
28529	9.4	50.7	0.008	0.735	22.78	8.8	2.8	1.6	122.2	0.23	5.55	1	0.172	0.31	0.5	107	22.5	4.6	60	4.5
28530	7.3	50.5	0.005	0.702	20.93	8.4	2.8	1.4	125.9	0.22	4.82	1	0.172	0.32	0.6	102	29.7	4.6	63	10.8
28531	5.2	44	0.008	0.663	12.75	9	3	1.6	119	0.22	7.15	1.1	0.178	0.26	0.7	109	17.5	6.2	50	9.2
28532	5.3	47.2	0.006	0.737	12.89	9.3	3	1.6	113	0.21	7.7	1.1	0.173	0.28	0.7	109	15.3	4.2	50	14.9
28533	5.6	45.9	0.008	0.429	14.95	9	2.2	1.4	115.7	0.23	5.49	1.1	0.187	0.31	0.7	109	22.5	4.1	44	10.5
28534	5.9	46.8	0.008	0.779	12.91	9.2	3.2	1.6	118.4	0.21	8.55	1.1	0.177	0.29	0.7	111	15.7	4.5	52	7.4

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 13, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**		**34**							
Location:	**340168E 5513603N 578 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**									
Total Length:	**22' = 6.7 m.**					**Collar Dip:**		**-90**							
Interval (m)	**Description**	**Rx**	**Sample No**	**From (m)**	**To (m)**	**Length (m)**	**Au g/t**	**Ag g/t**	**As ppm**	**Cu ppm**	**Mo ppm**	**Te ppm**	**Ca %**	**Fe %**	**S %**
0.9			28541	0.0	0.9	0.9	0.083	3.37	540.4	681.4	9.85	4.84	1.44	3.65	0.67
0.9			28542	0.9	1.8	0.9	0.073	3.7	526.4	608.8	9.17	4.76	1.56	3.75	0.809
0.9	wet		28543	1.8	2.7	0.9	0.082	4.25	632.1	699	10.95	5.7	1.54	3.65	0.84
0.9			28544	2.7	3.7	0.9	0.089	4.05	610.5	722	9.5	5.76	1.4	3.58	0.793
0.9			28545	3.7	4.6	0.9	0.087	4.72	891.7	730.7	9.03	8.78	1.43	3.96	0.951
0.9	wet		28546	4.6	5.5	0.9	0.077	3.84	662.2	705.7	9.76	6	1.48	3.87	0.909
0.6			28547	5.5	6.4	0.9	0.074	3.73	602.1	682.8	9.36	7.29	1.5	3.87	0.872
0.6			28548	6.4	6.7	0.3	0.087	4.07	716.2	769.3	8.44	7.23	1.41	3.77	0.907
	Averages over depth of hole					6.7	0.081	3.956818	641.4727	693.6591	9.604545	6.21	1.475455	3.761818	0.838136

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28541	0.083	3.37	6.68	540.4	482	0.47	6.95	1.44	0.33	10.29	33.2	198
28542	0.073	3.7	6.42	526.4	487	0.5	6.7	1.56	0.39	10.53	40.1	229
28543	0.082	4.25	6.42	632.1	471	0.51	8.83	1.54	0.38	11.31	43.1	182
28544	0.089	4.05	6.56	610.5	473	0.52	8.87	1.4	0.35	11.52	38.5	182
28545	0.087	4.72	6.44	891.7	431	0.55	13.42	1.43	0.36	11.74	44.8	181
28546	0.077	3.84	6.42	662.2	453	0.46	9.71	1.48	0.36	11.73	40.4	189
28547	0.074	3.73	6.61	602.1	441	0.5	10.19	1.5	0.34	11.44	43.8	176
28548	0.087	4.07	6.52	716.2	450	0.53	10.7	1.41	0.34	11.77	40.4	180

Sample	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28541	1.91	681.4	3.65	11.95	1.25	0.2	0.15	2.25	4.7	10.4	0.6	423	9.85
28542	1.85	608.8	3.75	11.36	1.64	<0.1	0.16	2.12	4.8	10.7	0.62	498	9.17
28543	1.92	699	3.65	11.68	1.38	<0.1	0.17	2.14	5.1	10.7	0.6	524	10.95
28544	1.81	722	3.58	11.73	1.74	0.1	0.17	2.25	5.4	10.3	0.6	477	9.5
28545	1.6	730.7	3.96	12.32	1.55	0.2	0.16	2.19	5.5	9.8	0.58	446	9.03
28546	1.69	705.7	3.87	11.59	1.5	0.3	0.15	2.15	5.4	9.6	0.59	484	9.76
28547	1.71	682.8	3.87	11.92	0.69	0.2	0.15	2.2	5.3	10	0.61	448	9.36
28548	1.69	769.3	3.77	11.67	0.64	0.2	0.15	2.23	5.3	10.7	0.59	441	8.44

Sample	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28541	0.71	2.7	34.6	541	4.4	46.7	0.009	0.67	33.2	7.5	3.3	1.4	127.7	0.24	4.84	1	0.161	0.32	0.5	93	24	4.1	60	4.1
28542	0.75	2.7	30.4	520	4	43.9	0.007	0.809	21.39	7.8	2.4	1.2	128	0.24	4.76	1	0.165	0.32	0.6	98	32.9	4.2	66	9.8
28543	0.68	2.6	32.3	524	6	44.5	0.009	0.84	21.03	7.6	2.8	1.3	124.5	0.22	5.7	1	0.161	0.31	0.6	95	25	4.5	69	4.7
28544	0.68	2.7	33.5	529	3.8	46.8	0.007	0.793	20.73	7.9	2.6	1.4	119.9	0.22	5.76	1.1	0.16	0.32	0.8	100	22.8	4.4	66	6
28545	0.65	2.4	32.5	519	3.9	44.1	0.005	0.951	17.16	7.3	3.5	1.4	124.1	0.2	8.78	0.9	0.153	0.27	0.6	95	17.3	4.3	70	5
28546	0.63	3	34.5	519	4	43.9	0.009	0.909	20.49	7.3	3.5	1.3	114.6	0.26	6	1	0.158	0.3	0.6	89	21.5	4.2	65	5
28547	0.74	2.6	37.2	524	3.8	44.6	0.009	0.872	21.28	7.4	4.3	1.3	136.6	0.23	7.29	0.9	0.149	0.29	0.5	92	21.8	4.4	67	4.1
28548	0.68	2.3	39.6	530	3.9	43.3	0.011	0.907	19.5	7.4	3.7	1.4	121.5	0.2	7.23	0.9	0.147	0.27	0.6	94	19.1	4.1	66	5.3

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 14, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**	**35**	
Location:	**340208E 5513640N 577 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**		
Total Length:	**14' = 4.3 m.**					**Collar Dip:**	**-90**	

Interval (m)	Description	Rx	Sample No	From (m)	To (m)	Length (m)	Au g/t	Ag g/t	As ppm	Cu ppm	Mo ppm	Te ppm	Ca %	Fe %	S %
0.9			28554	0.0	0.9	0.9	0.233	3.42	630	505.3	11.5	3.59	1.48	4.19	0.184
0.9			28555	0.9	1.8	0.9	0.073	6.04	818.1	1184.5	6.22	4.86	1.37	4.3	0.886
0.9			28556	1.8	2.7	0.9	0.083	5.31	817.2	853.5	7.36	6	1.5	4.2	0.863
0.9			28557	2.7	3.7	0.9	0.113	6.73	1134.8	1266.3	5.65	10.09	1.29	4.46	1.029
0.9	hit rock with bit - small ding		28558	3.7	4.3	0.6	0.107	5.68	896.4	984.9	7.11	6.31	1.48	4.35	0.871
	Averages over depth of hole					4.3	0.122857	5.418571	856.65	957.0429	7.600714	6.16	1.42	4.296429	0.759143

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28554	0.233	3.42	6.69	630	417	0.59	4.81	1.48	0.15	13.07	17.8	232	1.59	505.3
28555	0.073	6.04	9.07	818.1	653	0.63	6.78	1.37	0.44	11.32	40.9	147	4.12	1185
28556	0.083	5.31	7.47	817.2	498	0.51	9.33	1.5	0.41	12.73	48.1	182	2.48	853.5
28557	0.113	6.73	8.67	1135	619	0.66	15.53	1.29	0.59	12.83	50.6	149	2.84	1266
28558	0.107	5.68	8.13	896.4	521	0.63	9.68	1.48	0.48	12.83	46.9	177	3.32	984.9

Sample	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
Designation	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28554	4.19	13.02	0.7	0.4	0.14	1.84	6.1	11.3	0.75	240	11.5	0.86	3.2	28.2	509	7.3
28555	4.3	17.69	1.89	0.2	0.25	3.38	5.2	15.1	0.85	574	6.22	0.56	3	43.8	520	7.1
28556	4.2	14.51	0.89	0.2	0.21	2.47	6	12.9	0.74	550	7.36	0.62	2.7	32.8	499	6.9
28557	4.46	17.15	0.22	0.2	0.28	3.05	6	12.7	0.77	562	5.65	0.49	2.5	23.1	501	10
28558	4.35	16.24	0.19	0.3	0.24	2.71	5.7	14.6	0.8	574	7.11	0.6	2.8	37.9	496	8.7

Sample	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28554	40.6	0.007	0.184	16.36	10.2	2.6	1.6	154.9	0.23	3.59	1	0.23	0.26	0.5	115	13.4	5.2	49	9.2
28555	71.2	0.006	0.886	34.62	11.9	2.5	2	109.4	0.3	4.86	1.1	0.187	0.49	0.7	123	22.7	4.6	81	4.8
28556	54.1	0.006	0.863	20.09	9.9	3.7	1.9	123.9	0.24	6	1.1	0.18	0.34	0.7	111	17.1	5	75	7.6
28557	61.5	0.004	1.029	17.64	10.9	4.2	2.2	101.9	0.21	10.09	1	0.175	0.35	0.7	116	14.6	4.9	97	6.9
28558	62.1	0.009	0.871	28.54	10.9	3.9	1.9	120	0.22	6.31	1	0.19	0.41	0.7	115	21.1	4.9	83	16

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 14, 2011 / Mt. Washington Tailings Dam**	**Acid Test:**			**Hole Number:**	**37A**		
Location:	**340275E 5513705N 578 m. (elevation corrected to surface from belt level by subtracting 1 m.)**	none			**Collar Azimuth:**			
Total Length:	**7.5' = 2.3 m.**				**Collar Dip:**	**-90**		

Interval (m)	Description	Rx	Sample No	From (m)	To (m)	Length (m)	Au g/t	Ag g/t	As ppm	Cu ppm	Mo ppm	Te ppm	Ca %	Fe %	S %
0.9			28563	0.0	0.9	0.9	0.129	6.53	860.1	2016.3	11.43	9.18	0.81	3.83	0.814
0.9			28564	0.9	1.8	0.9	0.084	4.45	576.8	1029.2	10.48	6.09	1.21	4.5	1.128
0.9			28565	1.8	2.3	0.5	0.105	5.23	671.7	1113.6	11.68	7.73	1.2	4.24	0.992
	Averages over depth of hole					2.3	0.1062	5.438	709.1	1440.92	11.1	7.654	1.048	4.18	0.9752

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28563	0.129	6.53	6.92	860.1	490	0.64	12.89	0.81	0.35	10.24	24	182	1.97	2016	3.83
28564	0.084	4.45	6.8	576.8	512	0.62	9.24	1.21	0.79	12.29	75.2	200	2.05	1029	4.5
28565	0.105	5.23	6.54	671.7	439	0.59	10.25	1.2	0.44	12.4	81.5	198	2.26	1114	4.24

Sample	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
Designation	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28563	12.85	1.75	<0.1	0.23	2.31	4.6	10.8	0.42	95	11.43	0.67	2.4	15.3	511	6.5	46
28564	12.59	0.65	<0.1	0.18	2.2	7	12.9	0.69	646	10.48	0.75	2.8	56.4	545	7	46.6
28565	12.66	1.83	<0.1	0.2	2.11	5.6	14.5	0.65	699	11.68	0.65	2.9	63.7	532	8.3	48.2

Sample	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28563	0.007	0.814	39.29	7.5	5.4	1.5	116.2	0.24	9.18	0.9	0.144	0.39	0.6	88	26.7	3.4	48	9.7
28564	0.01	1.128	19	9.4	3.9	1.3	124	0.23	6.09	1	0.178	0.41	0.6	105	34.3	6.5	130	2.4
28565	0.007	0.992	24.78	8.5	3	1.3	121.7	0.24	7.73	1	0.167	0.35	0.7	96	36	4.8	85	3.9

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 14, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**		**44**							
Location:	**340203E 5513565N 576 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**									
Total Length:	**14' = 4.3 m.**					**Collar Dip:**		**-90**							
Interval (m)	**Description**	**Rx**	**Sample No**	**From (m)**	**To (m)**	**Length (m)**	**Au g/t**	**Ag g/t**	**As ppm**	**Cu ppm**	**Mo ppm**	**Te ppm**	**Ca %**	**Fe %**	**S %**
0.9			28549	0.0	0.9	0.9	0.101	5.25	719.9	1209.3	10.37	7.72	1.36	3.9	0.92
0.9			28550	0.9	1.8	0.9	0.112	5.32	753.7	1139.9	7.78	6.47	1.47	4.18	0.986
0.9			28551	1.8	2.7	0.9	0.273	10.4	1027.1	1221.1	9.9	22.48	1.3	4.38	1.343
0.9			28552	2.7	3.7	0.9	0.115	8.85	888.5	1070.3	8.57	16.88	1.3	4.37	1.297
0.6	moss at end of hole		28553	3.7	4.3	0.6	0.116	6.66	973.7	1322.4	10.71	13.72	1.29	4.23	1.182
	Averages over depth of hole					4.3	0.145357	7.341429	865.3571	1183.329	9.377143	13.435	1.347857	4.210714	1.143

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28549	0.101	5.25	6.52	719.9	434	0.5	11.24	1.36	0.48	11.27	41.6	186
28550	0.112	5.32	7.61	753.7	514	0.61	8.99	1.47	0.48	11.56	49.1	170
28551	0.273	10.4	6.91	1027	462	0.66	31.82	1.3	0.49	13.98	55.4	187
28552	0.115	8.85	6.82	888.5	468	0.56	23.29	1.3	0.54	13.24	51	201
28553	0.116	6.66	7.11	973.7	484	0.68	19.77	1.29	0.57	13.23	52.8	194

Sample	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28549	1.99	1209	3.9	11.84	0.3	<0.1	0.19	2.13	5.1	11.6	0.52	360	10.37
28550	3	1140	4.18	14.62	0.93	0.1	0.22	2.61	5.3	12.7	0.69	517	7.78
28551	2.19	1221	4.38	13.3	1.17	0.2	0.2	2.42	6.5	10.9	0.6	476	9.9
28552	2.01	1070	4.37	13.06	1.33	0.3	0.2	2.38	6.2	11.1	0.61	503	8.57
28553	2.42	1322	4.23	14.23	1.83	0.3	0.21	2.41	6.1	12.3	0.62	446	10.71

Sample	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn
Designation	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28549	0.72	2.7	35.6	503	5.1	44.5	0.006	0.92	42.84	7.3	4	1.3
28550	0.63	2.8	43.5	522	4.6	57.6	0.011	0.986	31.99	9.8	3.3	1.7
28551	0.55	2.5	35.2	506	12.2	49	0.011	1.343	23.8	9.1	5.2	1.7
28552	0.52	2.5	34.2	539	6.1	47.3	0.009	1.297	19.98	8.9	4.2	1.7
28553	0.56	2.7	35.8	504	5.8	52.4	0.016	1.182	27.15	9.6	4.7	1.8

Sample	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28549	131.9	0.22	7.72	0.9	0.158	0.39	0.5	91	23.2	7.4	76	8.3
28550	121.5	0.24	6.47	1.1	0.171	0.44	0.6	109	25.3	5	84	5.4
28551	106.8	0.21	22.48	1.1	0.156	0.36	0.6	107	18.3	4.8	86	16.6
28552	104.6	0.2	16.88	1.1	0.159	0.32	0.8	105	15.7	4.9	82	8.6
28553	115.7	0.25	13.72	1	0.161	0.36	0.7	108	19.1	5.4	82	5.7

Mount Washington Tailings Drill Log and Sample Record

Date/Target:	**July 13, 2011 / Mt. Washington Tailings Dam**		**Acid Test:**			**Hole Number:**	**47A**	
Location:	**340307E 5513684N 576 m. (elevation corrected to surface from belt level by subtracting 1 m.)**		none			**Collar Azimuth:**		
Total Length:	**11' = 3.4 m.**					**Collar Dip:**	**-90**	

Interval (m)	Description	Rx	Sample No	From (m)	To (m)	Length (m)	Au g/t	Ag g/t	As ppm	Cu ppm	Mo ppm	Te ppm	Ca %	Fe %	S %
0.9			28559	0.0	0.9	0.9	0.119	5.61	678.8	609.8	12.93	10.99	0.96	3.51	0.372
0.9			28560	0.9	1.8	0.9	0.08	4.86	521.9	1328.7	9.94	5.36	1.05	3.7	0.756
0.9			28561	1.8	2.7	0.9	0.114	3.47	556.9	583.2	8.12	3.62	1.34	3.91	0.869
0.6	wood at end of hole		28562	2.7	3.4	0.6	0.085	4.94	702.6	865.4	6.71	3.21	1.26	4.1	1.078
	Averages over depth of hole					3.4	0.100818	4.7	607.0909	845.0818	9.671818	6.03	1.142727	3.778182	0.740636

Final Report - Job No: 11-360-05850-01

Sample	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge
Designation	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	Au-1AT	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28559	0.119	5.61	6.86	678.8	483	0.52	15.92	0.96	0.08	10.07	10.1	202	1.87	609.8	3.51	12.78	<0.05
28560	0.08	4.86	6.37	521.9	486	0.59	6.87	1.05	0.62	12.65	64.2	198	2.01	1329	3.7	12.39	1.22
28561	0.114	3.47	7.27	556.9	510	0.54	4.95	1.34	0.35	12.26	46.9	189	2.69	583.2	3.91	13.67	<0.05
28562	0.085	4.94	8.58	702.6	515	0.63	4.72	1.26	0.42	10.41	50.7	176	3.64	865.4	4.1	15.77	1.94

Sample	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S
Designation	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U
28559	0.1	0.2	2.11	4.6	10.8	0.47	99	12.93	0.79	2.7	11.1	493	9.7	44.8	0.01	0.372
28560	0.2	0.21	2.2	5.8	11.2	0.54	592	9.94	0.67	2.7	50.7	517	4.8	47.2	0.008	0.756
28561	0.1	0.15	2.47	5.6	13.3	0.64	644	8.12	0.7	2.7	34.8	522	7.3	52.6	0.004	0.869
28562	<0.1	0.2	3.07	4.8	14.5	0.69	709	6.71	0.56	2.4	32.1	437	6.5	64.7	<0.002	1.078

Sample	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Designation	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-U	50-4A-UT
28559	24.74	7.5	3.5	1.3	135	0.18	10.99	0.9	0.167	0.33	0.3	84	29	3.4	35	3.8
28560	13.8	8.6	3.8	1.4	106.6	0.21	5.36	1.2	0.172	0.36	0.7	104	13	5.2	113	4.8
28561	20.98	8.8	3.4	1.5	114.9	0.18	3.62	1.1	0.164	0.35	0.6	94	15	4.5	67	3
28562	27.45	9.5	3.3	1.7	97.5	0.27	3.21	1	0.152	0.44	0.6	108	16.7	4.2	85	2.8

Appendix 2

2011 Tailings Sample Geochemistry Report

Certificate of Analysis

11-360-05850-01

Inspectorate Exploration & Mining Services Ltd.
#200 - 11620 Horseshoe Way
Richmond, British Columbia V7A 4V5 Canada
Phone: 604-272-7818

Distribution List

Attention: Jacques Houle
6552 Peregrine Road,
Nanaimo, BC V9V 1P8
Phone: 250-390-3930
EMail: jhoule06@shaw.ca

Attention: Amd Burgert
EMail: amd.burgert@telus.net

Submitted By: **Mineral Exploration Consulting**
6552 Peregrine Road,
Nanaimo, BC V9V 1P8

Attention: **Jacques Houle**

Description:

Date Received: 07/18/2011
Date Completed: 08/26/2011
Invoice:

Location	Samples	Type	Preparation Description
Vancouver, BC	77	Rock	SP-RX-2K/Rock/Chips/Drill Core

Location	Method	Description
Vancouver, BC	50-4A-UT	50 Element, 4 Acid, ICPMS, Ultra Trace Level
Vancouver, BC	Au-1AT-AA	Au, 1AT Fire Assay, AAS

By Mike Caron, Lab Manager

INSPECTORATE
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Certificate of Analysis

11-360-05850-01

Mineral Exploration Consulting
6552 Peregrine Road,
Nanaimo, BC V9V 1P8

Sample Description	Sample Type	Au Au-1AT-AA ppm 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28501	Rock	0.112	5.23	6.49	640.5	517	0.70	8.58	1.04	1.29	13.34	72.3	177	2.13	1304.1
28502	Rock	0.099	4.80	6.60	844.5	428	0.68	5.43	1.07	0.71	12.67	55.1	163	2.36	817.6
28503	Rock	0.171	7.14	6.54	1988.6	433	0.57	19.15	1.20	0.64	13.70	56.9	185	1.51	928.2
28504	Rock	0.144	4.57	6.91	1255.9	444	0.56	14.74	1.33	0.88	11.75	47.1	167	1.32	882.0
28505	Rock	0.125	4.77	6.62	1173.3	435	0.64	13.83	1.27	0.52	13.02	51.7	184	1.50	1089.6
28506	Rock	0.077	3.89	6.99	497.1	512	0.64	6.67	0.91	0.43	12.18	20.5	219	2.11	956.1
28507	Rock	0.350	6.73	6.55	1210.5	462	0.56	8.64	1.10	0.62	13.80	105.5	218	2.20	1169.8
28508	Rock	0.108	8.29	6.13	1271.3	374	0.53	7.94	1.01	0.57	13.85	92.6	219	2.18	1153.2
28509	Rock	0.102	5.36	6.70	771.1	460	0.68	11.27	0.96	0.49	13.11	61.6	184	1.86	1024.2
28510	Rock	0.103	5.87	6.53	910.7	438	0.55	13.19	0.98	0.62	14.62	60.6	213	1.57	1168.5
28511	Rock	0.242	6.29	6.45	1329.0	420	0.56	14.15	1.07	0.58	13.81	62.1	208	1.47	1145.7
28512	Rock	0.395	7.55	6.42	1925.8	421	0.62	21.52	1.09	0.72	13.71	70.4	191	1.41	1469.0
28513	Rock	0.274	8.91	7.05	1272.2	578	0.56	13.13	0.62	0.09	10.81	5.0	177	1.98	207.6
28514	Rock	0.318	12.56	6.70	1505.6	405	0.62	12.15	0.78	1.00	12.28	65.3	225	2.40	3341.3
28515	Rock	0.176	5.94	6.38	1096.7	426	0.75	10.62	0.84	0.57	12.07	72.9	254	1.75	1225.2
28516	Rock	0.067	9.72	6.57	687.9	481	0.57	7.02	1.29	0.67	12.84	55.7	183	2.24	754.1
28517	Rock	0.084	6.12	6.40	723.5	467	0.54	6.83	1.36	0.49	11.46	53.8	203	2.04	655.9
28518	Rock	0.076	9.15	6.40	635.4	453	0.67	8.06	1.32	0.46	12.52	53.8	184	1.92	744.2
28519	Rock	0.072	4.45	6.47	623.1	460	0.63	8.55	1.36	0.50	12.59	57.5	191	1.96	747.8
28520	Rock	0.081	8.33	6.49	680.7	440	0.51	8.56	1.38	0.46	12.83	52.5	222	1.78	729.7
28521	Rock	0.087	7.07	6.37	665.4	435	0.64	8.04	1.42	0.41	11.31	54.8	210	1.86	705.3
28522	Rock	0.081	5.33	6.53	684.7	455	0.61	6.85	0.85	1.23	12.14	29.1	210	2.06	1480.9
28523	Rock	0.062	5.10	7.21	684.5	510	0.72	4.53	1.24	0.43	13.38	70.8	177	2.83	711.5
28524	Rock	0.076	5.51	7.78	772.4	550	0.70	5.19	1.20	0.54	13.21	73.5	179	3.42	799.9
28525	Rock	0.184	4.40	6.65	689.2	474	0.62	7.31	0.84	0.24	10.58	18.2	268	2.03	1090.3
28526	Rock	0.065	3.84	7.63	633.5	572	0.71	4.65	1.20	0.37	13.35	69.8	194	3.05	777.8
28527	Rock	0.082	5.37	7.14	819.3	481	0.52	6.54	1.21	0.48	12.80	53.0	200	2.86	873.8
28528	Rock	0.087	4.14	6.94	957.4	496	0.73	9.12	1.32	0.44	12.43	45.8	193	2.13	725.3
28529	Rock	0.085	3.80	6.97	853.3	503	0.57	7.41	1.30	0.35	12.19	39.2	209	2.16	669.7
28530	Rock	0.079	3.74	6.93	820.3	508	0.57	6.41	1.30	0.37	12.24	44.2	201	2.10	548.3
28531	Rock	0.111	4.14	6.73	571.6	455	0.45	9.53	1.36	0.26	13.99	30.7	202	1.63	588.1
28532	Rock	0.076	3.96	6.80	644.8	477	0.55	10.55	1.21	0.28	12.71	32.5	217	1.62	648.3
28533	Rock	0.064	2.97	6.73	623.3	507	0.47	7.41	1.09	0.20	12.45	23.5	216	1.63	496.2
28534	Rock	0.067	3.99	6.68	580.4	470	0.62	10.93	1.25	0.33	13.59	35.1	217	1.70	628.4
28535	Rock	0.060	3.75	6.53	499.8	518	0.50	8.43	0.89	0.19	11.79	30.3	184	1.87	675.1
28536	Rock	0.150	5.85	6.59	712.4	551	0.46	15.30	1.19	0.44	13.14	72.5	186	2.06	1122.2
28537	Rock	0.179	9.01	6.67	963.7	384	0.48	33.67	1.03	0.54	13.75	83.0	187	1.74	1649.1
28538	Rock	0.163	8.01	6.82	1029.2	481	0.52	25.84	1.16	0.52	14.13	75.6	185	1.71	1656.7
28539	Rock	0.178	8.03	6.67	1293.5	421	0.52	31.57	1.15	0.54	13.26	75.8	186	1.34	1749.5
28540	Rock	0.304	11.83	6.58	2812.7	376	0.48	46.69	1.10	0.76	12.42	88.7	184	1.36	2583.6

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Certificate of Analysis

11-360-05850-01

Mineral Exploration Consulting
6552 Peregrine Road,
Nanaimo, BC V9V 1P8

Sample Description	Sample Type	Au Au-1AT-AA ppm 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28541	Rock	0.083	3.37	6.68	540.4	482	0.47	6.95	1.44	0.33	10.29	33.2	198	1.91	681.4
28542	Rock	0.073	3.70	6.42	526.4	487	0.50	6.70	1.56	0.39	10.53	40.1	229	1.85	608.8
28543	Rock	0.082	4.25	6.42	632.1	471	0.51	8.83	1.54	0.38	11.31	43.1	182	1.92	699.0
28544	Rock	0.089	4.05	6.56	610.5	473	0.52	8.87	1.40	0.35	11.52	38.5	182	1.81	722.0
28545	Rock	0.087	4.72	6.44	891.7	431	0.55	13.42	1.43	0.36	11.74	44.8	181	1.60	730.7
28546	Rock	0.077	3.84	6.42	662.2	453	0.46	9.71	1.48	0.36	11.73	40.4	189	1.69	705.7
28547	Rock	0.074	3.73	6.61	602.1	441	0.50	10.19	1.50	0.34	11.44	43.8	176	1.71	682.8
28548	Rock	0.087	4.07	6.52	716.2	450	0.53	10.70	1.41	0.34	11.77	40.4	180	1.69	769.3
28549	Rock	0.101	5.25	6.52	719.9	434	0.50	11.24	1.36	0.48	11.27	41.6	186	1.99	1209.3
28550	Rock	0.112	5.32	7.61	753.7	514	0.61	8.99	1.47	0.48	11.56	49.1	170	3.00	1139.9
28551	Rock	0.273	10.40	6.91	1027.1	462	0.66	31.82	1.30	0.49	13.98	55.4	187	2.19	1221.1
28552	Rock	0.115	8.85	6.82	888.5	468	0.56	23.29	1.30	0.54	13.24	51.0	201	2.01	1070.3
28553	Rock	0.116	6.66	7.11	973.7	484	0.68	19.77	1.29	0.57	13.23	52.8	194	2.42	1322.4
28554	Rock	0.233	3.42	6.69	630.0	417	0.59	4.81	1.48	0.15	13.07	17.8	232	1.59	505.3
28555	Rock	0.073	6.04	9.07	818.1	653	0.63	6.78	1.37	0.44	11.32	40.9	147	4.12	1184.5
28556	Rock	0.083	5.31	7.47	817.2	498	0.51	9.33	1.50	0.41	12.73	48.1	182	2.48	853.5
28557	Rock	0.113	6.73	8.67	1134.8	619	0.66	15.53	1.29	0.59	12.83	50.6	149	2.84	1266.3
28558	Rock	0.107	5.68	8.13	896.4	521	0.63	9.68	1.48	0.48	12.83	46.9	177	3.32	984.9
28559	Rock	0.119	5.61	6.86	678.8	483	0.52	15.92	0.96	0.08	10.07	10.1	202	1.87	609.8
28560	Rock	0.080	4.86	6.37	521.9	486	0.59	6.87	1.05	0.62	12.65	64.2	198	2.01	1328.7
28561	Rock	0.114	3.47	7.27	556.9	510	0.54	4.95	1.34	0.35	12.26	46.9	189	2.69	583.2
28562	Rock	0.085	4.94	8.58	702.6	515	0.63	4.72	1.26	0.42	10.41	50.7	176	3.64	865.4
28563	Rock	0.129	6.53	6.92	860.1	490	0.64	12.89	0.81	0.35	10.24	24.0	182	1.97	2016.3
28564	Rock	0.084	4.45	6.80	576.8	512	0.62	9.24	1.21	0.79	12.29	75.2	200	2.05	1029.2
28565	Rock	0.105	5.23	6.54	671.7	439	0.59	10.25	1.20	0.44	12.40	81.5	198	2.26	1113.6
28566	Rock	0.073	4.46	7.07	738.5	493	0.55	5.97	1.35	0.31	10.90	37.8	166	2.37	715.8
28567	Rock	0.095	4.93	6.61	826.2	490	0.45	6.23	1.42	0.46	11.95	63.6	194	2.12	659.8
28568	Rock	0.085	5.60	6.56	714.7	446	0.64	12.06	1.33	0.44	13.29	54.0	148	1.77	711.7
28569	Rock	0.100	6.15	8.37	931.4	583	0.74	14.16	1.77	0.56	16.82	64.9	186	2.23	900.5
28570	Rock	0.086	5.38	7.60	914.1	540	0.60	14.53	1.60	0.48	14.78	57.4	209	2.14	803.8
28571	Rock	0.090	6.93	7.81	916.6	654	0.67	13.99	1.03	0.29	11.33	36.1	204	2.13	2070.7
28572	Rock	0.135	8.07	7.53	1023.2	532	0.65	14.16	1.42	0.56	15.39	84.6	227	2.20	1640.2
28573	Rock	0.170	7.09	6.65	949.4	468	0.58	15.22	1.10	0.48	13.26	66.3	233	1.86	1419.8
28574	Rock	0.136	7.24	6.63	1081.8	349	0.48	16.55	0.98	0.40	11.62	63.2	216	1.55	1258.3
28575	Rock	0.125	6.02	6.27	1311.0	428	0.52	13.35	1.05	0.41	12.61	60.4	197	1.45	1085.7
28576	Rock	0.217	5.96	6.59	1394.3	463	0.47	13.79	1.11	0.38	11.97	56.1	204	1.42	1109.4
28577	Rock	0.146	6.03	6.65	1603.9	430	0.48	18.65	1.32	0.43	10.93	56.6	222	1.11	1065.7

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Certificate of Analysis

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Mineral Exploration Consulting
6552 Peregrine Road,
Nanaimo, BC V9V 1P8

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28501	Rock	3.93	11.91	<0.05	1.8	0.22	2.31	5.7	16.8	0.54	624	11.43	0.70	3.3	38.0
28502	Rock	3.77	12.81	1.93	0.3	0.20	2.43	6.1	15.8	0.54	716	8.36	0.48	2.3	38.1
28503	Rock	5.20	12.39	0.26	0.4	0.18	2.20	6.5	11.1	0.57	451	6.95	0.51	2.1	47.2
28504	Rock	4.99	13.59	1.28	0.3	0.18	2.26	5.6	11.3	0.63	422	6.73	0.54	2.3	50.3
28505	Rock	4.98	13.55	1.05	0.3	0.19	2.22	6.4	12.2	0.59	509	8.53	0.48	2.4	74.3
28506	Rock	3.35	13.11	2.01	0.4	0.17	2.42	5.5	14.8	0.55	227	12.28	0.68	3.0	21.5
28507	Rock	4.69	12.67	2.13	0.2	0.25	2.21	6.4	15.5	0.59	611	14.50	0.65	2.9	83.5
28508	Rock	3.92	11.88	2.55	0.1	0.26	2.15	6.7	17.0	0.49	602	13.96	0.58	2.7	52.6
28509	Rock	4.22	12.62	1.70	0.2	0.19	2.34	6.1	13.4	0.56	622	10.46	0.50	2.2	47.0
28510	Rock	4.24	13.45	1.83	0.3	0.20	2.11	6.8	13.4	0.54	494	10.03	0.50	2.5	47.2
28511	Rock	4.62	13.37	1.79	0.4	0.20	2.06	6.5	12.2	0.54	445	9.46	0.51	2.5	52.6
28512	Rock	5.21	12.34	1.65	0.4	0.23	2.08	6.5	11.4	0.53	466	9.61	0.47	2.1	54.0
28513	Rock	3.88	13.49	2.06	0.1	0.28	2.52	5.1	12.9	0.42	85	18.45	0.61	2.9	7.8
28514	Rock	3.88	12.37	2.40	0.1	0.44	2.35	5.6	14.4	0.44	272	17.96	0.56	2.9	35.6
28515	Rock	3.90	12.25	1.73	0.5	0.21	2.15	5.7	13.4	0.49	462	10.19	0.42	2.9	43.0
28516	Rock	3.83	12.95	2.15	<0.1	0.20	2.24	5.7	15.2	0.56	559	9.43	0.67	2.7	39.6
28517	Rock	3.76	12.41	2.04	0.1	0.20	2.28	5.3	14.3	0.55	568	10.08	0.60	3.0	51.9
28518	Rock	3.81	12.25	2.02	0.1	0.19	2.22	5.9	13.6	0.56	656	9.74	0.62	2.9	45.0
28519	Rock	3.87	12.43	2.06	0.1	0.19	2.25	5.9	14.6	0.56	672	10.35	0.63	2.6	54.5
28520	Rock	4.06	11.90	1.85	0.4	0.17	2.17	5.9	12.8	0.57	630	9.55	0.58	3.0	46.8
28521	Rock	3.96	12.24	1.86	0.1	0.17	2.12	5.3	13.0	0.56	634	9.95	0.64	2.6	64.8
28522	Rock	3.15	12.09	1.59	<0.1	0.20	2.17	5.4	13.5	0.44	256	9.80	0.68	2.9	25.9
28523	Rock	4.02	13.71	0.95	0.2	0.22	2.57	6.1	15.9	0.64	811	7.10	0.62	2.7	47.1
28524	Rock	4.35	14.83	1.77	0.2	0.26	2.86	6.4	17.1	0.70	828	8.82	0.61	2.9	46.5
28525	Rock	3.02	12.02	2.23	<0.1	0.20	2.29	4.8	13.3	0.42	181	9.97	0.69	2.8	17.2
28526	Rock	4.17	14.47	2.13	0.3	0.21	2.67	6.2	15.8	0.71	851	6.33	0.61	2.9	52.8
28527	Rock	3.84	13.53	2.07	0.3	0.24	2.59	5.9	16.3	0.62	700	8.87	0.49	2.9	33.7
28528	Rock	4.19	13.37	1.86	0.2	0.22	2.39	5.8	12.8	0.61	469	6.60	0.60	2.6	25.1
28529	Rock	4.04	13.55	1.80	0.3	0.19	2.41	5.7	13.1	0.63	442	10.24	0.63	2.7	34.5
28530	Rock	4.00	12.84	1.23	0.1	0.19	2.43	5.6	13.2	0.61	448	10.48	0.68	2.9	35.6
28531	Rock	3.96	12.96	1.43	0.4	0.16	2.20	6.5	12.1	0.61	405	10.99	0.62	2.7	45.7
28532	Rock	3.88	13.06	1.29	0.3	0.16	2.32	5.9	12.6	0.58	374	10.44	0.57	2.8	43.4
28533	Rock	3.64	12.72	1.59	0.2	0.15	2.31	5.8	12.8	0.56	281	12.77	0.62	2.7	40.8
28534	Rock	3.86	13.47	1.71	0.2	0.17	2.28	6.5	12.4	0.59	398	10.51	0.57	2.7	51.1
28535	Rock	3.51	11.07	1.63	3.6	0.16	2.30	4.5	10.0	0.45	295	11.99	0.71	4.3	21.8
28536	Rock	4.07	11.60	1.81	0.8	0.19	2.21	6.0	11.0	0.55	670	13.76	0.75	3.1	45.5
28537	Rock	4.83	12.29	0.59	0.4	0.21	2.26	6.6	9.3	0.55	585	13.50	0.61	2.4	44.1
28538	Rock	4.77	12.76	1.75	0.4	0.21	2.32	6.8	9.7	0.58	543	12.08	0.65	2.6	42.4
28539	Rock	5.28	12.23	1.22	0.3	0.21	2.19	6.4	8.4	0.57	430	10.61	0.61	2.3	52.7
28540	Rock	6.00	12.14	1.42	0.2	0.27	2.17	5.8	7.9	0.56	421	10.29	0.58	2.2	49.3

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6552 Peregrine Road,
Nanaimo, BC V9V 1P8

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28541	Rock	3.65	11.95	1.25	0.2	0.15	2.25	4.7	10.4	0.60	423	9.85	0.71	2.7	34.6
28542	Rock	3.75	11.36	1.64	<0.1	0.16	2.12	4.8	10.7	0.62	498	9.17	0.75	2.7	30.4
28543	Rock	3.65	11.68	1.38	<0.1	0.17	2.14	5.1	10.7	0.60	524	10.95	0.68	2.6	32.3
28544	Rock	3.58	11.73	1.74	0.1	0.17	2.25	5.4	10.3	0.60	477	9.50	0.68	2.7	33.5
28545	Rock	3.96	12.32	1.55	0.2	0.16	2.19	5.5	9.8	0.58	446	9.03	0.65	2.4	32.5
28546	Rock	3.87	11.59	1.50	0.3	0.15	2.15	5.4	9.6	0.59	484	9.76	0.63	3.0	34.5
28547	Rock	3.87	11.92	0.69	0.2	0.15	2.20	5.3	10.0	0.61	448	9.36	0.74	2.6	37.2
28548	Rock	3.77	11.67	0.64	0.2	0.15	2.23	5.3	10.7	0.59	441	8.44	0.68	2.3	39.6
28549	Rock	3.90	11.84	0.30	<0.1	0.19	2.13	5.1	11.6	0.52	360	10.37	0.72	2.7	35.6
28550	Rock	4.18	14.62	0.93	0.1	0.22	2.61	5.3	12.7	0.69	517	7.78	0.63	2.8	43.5
28551	Rock	4.38	13.30	1.17	0.2	0.20	2.42	6.5	10.9	0.60	476	9.90	0.55	2.5	35.2
28552	Rock	4.37	13.06	1.33	0.3	0.20	2.38	6.2	11.1	0.61	503	8.57	0.52	2.5	34.2
28553	Rock	4.23	14.23	1.83	0.3	0.21	2.41	6.1	12.3	0.62	446	10.71	0.56	2.7	35.8
28554	Rock	4.19	13.02	0.70	0.4	0.14	1.84	6.1	11.3	0.75	240	11.50	0.86	3.2	28.2
28555	Rock	4.30	17.69	1.89	0.2	0.25	3.38	5.2	15.1	0.85	574	6.22	0.56	3.0	43.8
28556	Rock	4.20	14.51	0.89	0.2	0.21	2.47	6.0	12.9	0.74	550	7.36	0.62	2.7	32.8
28557	Rock	4.46	17.15	0.22	0.2	0.28	3.05	6.0	12.7	0.77	562	5.65	0.49	2.5	23.1
28558	Rock	4.35	16.24	0.19	0.3	0.24	2.71	5.7	14.6	0.80	574	7.11	0.60	2.8	37.9
28559	Rock	3.51	12.78	<0.05	0.1	0.20	2.11	4.6	10.8	0.47	99	12.93	0.79	2.7	11.1
28560	Rock	3.70	12.39	1.22	0.2	0.21	2.20	5.8	11.2	0.54	592	9.94	0.67	2.7	50.7
28561	Rock	3.91	13.67	<0.05	0.1	0.15	2.47	5.6	13.3	0.64	644	8.12	0.70	2.7	34.8
28562	Rock	4.10	15.77	1.94	<0.1	0.20	3.07	4.8	14.5	0.69	709	6.71	0.56	2.4	32.1
28563	Rock	3.83	12.85	1.75	<0.1	0.23	2.31	4.6	10.8	0.42	95	11.43	0.67	2.4	15.3
28564	Rock	4.50	12.59	0.65	<0.1	0.18	2.20	7.0	12.9	0.69	646	10.48	0.75	2.8	56.4
28565	Rock	4.24	12.66	1.83	<0.1	0.20	2.11	5.6	14.5	0.65	699	11.68	0.65	2.9	63.7
28566	Rock	3.81	12.89	1.72	<0.1	0.18	2.37	4.9	14.0	0.63	478	6.78	0.63	2.6	27.4
28567	Rock	3.82	11.61	0.48	<0.1	0.21	2.23	5.5	13.7	0.59	565	9.18	0.69	2.6	31.6
28568	Rock	4.05	12.82	0.68	0.2	0.18	2.17	6.3	12.2	0.60	556	8.70	0.53	2.3	31.1
28569	Rock	5.28	16.42	0.43	1.3	0.23	2.72	7.6	15.7	0.77	727	10.60	0.67	3.6	44.7
28570	Rock	4.73	15.39	0.10	0.2	0.22	2.40	6.8	15.4	0.70	608	8.92	0.64	2.6	44.8
28571	Rock	4.69	14.67	<0.05	0.2	0.24	2.48	5.3	16.1	0.54	224	13.33	0.78	3.1	19.4
28572	Rock	5.06	13.96	<0.05	<0.1	0.25	2.14	7.1	15.2	0.61	714	13.25	0.65	2.8	34.3
28573	Rock	4.46	12.92	<0.05	0.2	0.20	2.22	6.3	12.4	0.54	552	13.76	0.54	2.3	35.4
28574	Rock	4.74	12.71	0.14	0.2	0.19	2.18	5.2	11.1	0.52	439	10.26	0.54	2.2	33.0
28575	Rock	4.72	12.41	0.20	0.2	0.17	2.06	5.8	10.9	0.52	437	11.62	0.48	2.1	32.2
28576	Rock	4.94	12.49	<0.05	0.2	0.17	2.08	5.5	10.2	0.53	397	9.76	0.51	2.1	43.3
28577	Rock	5.55	12.92	0.13	0.2	0.16	2.03	5.0	8.8	0.60	394	7.72	0.51	1.9	42.3

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Nanaimo, BC V9V 1P8

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28501	Rock	522	28.4	48.0	0.010	1.216	22.88	8.0	3.5	1.3	120.6	0.41	6.87	1.7	0.152
28502	Rock	544	21.0	53.7	0.009	1.093	17.11	7.5	3.1	1.6	93.1	0.27	4.68	0.9	0.128
28503	Rock	532	8.6	42.8	0.010	1.537	9.65	7.3	4.8	1.8	108.2	0.21	15.66	0.9	0.127
28504	Rock	520	17.1	44.2	0.008	1.167	6.92	7.2	5.0	2.0	115.6	0.24	11.45	0.7	0.127
28505	Rock	539	7.2	47.6	0.007	1.259	8.85	8.0	6.1	1.7	108.1	0.23	9.34	0.9	0.137
28506	Rock	537	6.2	49.7	0.007	0.422	22.87	8.9	2.6	1.9	115.3	0.28	4.97	1.1	0.184
28507	Rock	500	5.7	49.0	0.015	1.689	26.42	9.3	4.1	1.4	111.6	0.26	7.17	1.2	0.172
28508	Rock	470	6.6	46.7	0.013	1.447	38.32	7.1	3.6	1.2	105.2	0.24	6.15	1.0	0.147
28509	Rock	537	6.0	47.8	0.008	1.321	14.36	8.7	3.7	1.4	92.0	0.25	8.87	1.2	0.143
28510	Rock	526	7.7	46.1	0.011	1.348	15.74	9.3	5.5	1.6	104.4	0.21	10.23	1.1	0.150
28511	Rock	504	6.3	44.1	0.005	1.315	15.46	7.9	4.7	1.7	106.3	0.21	11.55	1.6	0.139
28512	Rock	489	118.0	43.9	0.011	1.544	14.37	7.7	4.4	1.7	98.4	0.25	15.14	1.0	0.132
28513	Rock	484	10.7	53.3	0.012	0.391	27.79	7.2	4.9	1.7	110.1	0.26	10.24	0.8	0.165
28514	Rock	507	6.4	50.9	0.012	1.603	31.03	8.8	5.2	1.4	102.4	0.26	9.47	1.2	0.164
28515	Rock	825	6.3	47.9	0.007	1.329	12.75	9.2	5.6	1.7	86.2	0.27	7.86	1.1	0.172
28516	Rock	525	6.1	52.5	0.008	0.924	23.41	7.6	3.2	1.5	132.9	0.23	5.91	0.9	0.143
28517	Rock	522	5.9	47.8	0.006	0.990	20.13	7.7	3.2	1.4	125.5	0.23	5.23	0.9	0.151
28518	Rock	536	5.9	46.9	0.011	0.981	19.92	7.1	3.8	1.3	117.9	0.22	6.16	0.9	0.149
28519	Rock	538	5.7	46.5	0.008	0.982	20.98	7.7	2.8	1.4	121.0	0.22	6.66	0.9	0.148
28520	Rock	547	5.3	44.9	0.009	1.010	16.58	7.5	2.6	1.3	109.4	0.24	6.54	1.0	0.151
28521	Rock	523	5.4	45.5	0.007	1.020	20.85	7.3	3.1	1.3	123.8	0.19	6.45	0.8	0.142
28522	Rock	554	4.5	48.2	0.008	0.384	39.15	7.9	3.4	1.3	122.7	0.20	5.54	1.0	0.162
28523	Rock	562	7.1	55.0	0.006	0.880	27.47	8.4	2.5	1.6	113.0	0.19	3.76	1.0	0.161
28524	Rock	541	7.5	63.1	0.010	0.959	32.10	9.2	3.4	1.7	116.5	0.21	4.10	1.1	0.168
28525	Rock	532	5.0	47.8	0.008	0.291	40.98	7.5	2.9	1.4	118.3	0.22	5.62	1.0	0.171
28526	Rock	558	5.3	57.8	0.006	0.822	24.20	9.6	2.7	1.8	117.8	0.23	3.62	1.1	0.176
28527	Rock	504	5.9	55.5	0.006	1.005	26.02	8.8	3.4	1.7	97.6	0.21	5.04	1.0	0.171
28528	Rock	567	6.1	50.7	0.005	0.926	20.58	8.2	2.9	1.8	119.1	0.20	7.23	0.9	0.160
28529	Rock	546	9.4	50.7	0.008	0.735	22.78	8.8	2.8	1.6	122.2	0.23	5.55	1.0	0.172
28530	Rock	539	7.3	50.5	0.005	0.702	20.93	8.4	2.8	1.4	125.9	0.22	4.82	1.0	0.172
28531	Rock	541	5.2	44.0	0.008	0.663	12.75	9.0	3.0	1.6	119.0	0.22	7.15	1.1	0.178
28532	Rock	554	5.3	47.2	0.006	0.737	12.89	9.3	3.0	1.6	113.0	0.21	7.70	1.1	0.173
28533	Rock	516	5.6	45.9	0.008	0.429	14.95	9.0	2.2	1.4	115.7	0.23	5.49	1.1	0.187
28534	Rock	530	5.9	46.8	0.008	0.779	12.91	9.2	3.2	1.6	118.4	0.21	8.55	1.1	0.177
28535	Rock	476	7.4	46.6	0.011	0.496	37.03	7.0	3.0	1.4	121.3	0.61	5.40	3.2	0.146
28536	Rock	491	6.4	48.0	0.010	1.185	23.89	7.5	4.1	1.3	123.3	0.40	10.17	1.5	0.153
28537	Rock	495	6.2	44.7	0.012	1.838	18.99	8.2	4.2	1.3	106.2	0.27	21.44	1.2	0.146
28538	Rock	518	5.4	45.2	0.010	1.701	15.54	8.2	4.8	1.5	113.6	0.29	17.86	1.1	0.153
28539	Rock	492	5.9	43.2	0.009	1.803	12.28	7.4	5.9	1.5	119.1	0.25	21.00	0.9	0.138
28540	Rock	469	7.6	42.2	0.009	2.229	13.40	6.6	6.8	1.6	113.7	0.23	31.56	0.8	0.122

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Nanaimo, BC V9V 1P8

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28541	Rock	541	4.4	46.7	0.009	0.670	33.20	7.5	3.3	1.4	127.7	0.24	4.84	1.0	0.161
28542	Rock	520	4.0	43.9	0.007	0.809	21.39	7.8	2.4	1.2	128.0	0.24	4.76	1.0	0.165
28543	Rock	524	6.0	44.5	0.009	0.840	21.03	7.6	2.8	1.3	124.5	0.22	5.70	1.0	0.161
28544	Rock	529	3.8	46.8	0.007	0.793	20.73	7.9	2.6	1.4	119.9	0.22	5.76	1.1	0.160
28545	Rock	519	3.9	44.1	0.005	0.951	17.16	7.3	3.5	1.4	124.1	0.20	8.78	0.9	0.153
28546	Rock	519	4.0	43.9	0.009	0.909	20.49	7.3	3.5	1.3	114.6	0.26	6.00	1.0	0.158
28547	Rock	524	3.8	44.6	0.009	0.872	21.28	7.4	4.3	1.3	136.6	0.23	7.29	0.9	0.149
28548	Rock	530	3.9	43.3	0.011	0.907	19.50	7.4	3.7	1.4	121.5	0.20	7.23	0.9	0.147
28549	Rock	503	5.1	44.5	0.006	0.920	42.84	7.3	4.0	1.3	131.9	0.22	7.72	0.9	0.158
28550	Rock	522	4.6	57.6	0.011	0.986	31.99	9.8	3.3	1.7	121.5	0.24	6.47	1.1	0.171
28551	Rock	506	12.2	49.0	0.011	1.343	23.80	9.1	5.2	1.7	106.8	0.21	22.48	1.1	0.156
28552	Rock	539	6.1	47.3	0.009	1.297	19.98	8.9	4.2	1.7	104.6	0.20	16.88	1.1	0.159
28553	Rock	504	5.8	52.4	0.016	1.182	27.15	9.6	4.7	1.8	115.7	0.25	13.72	1.0	0.161
28554	Rock	509	7.3	40.6	0.007	0.184	16.36	10.2	2.6	1.6	154.9	0.23	3.59	1.0	0.230
28555	Rock	520	7.1	71.2	0.006	0.886	34.62	11.9	2.5	2.0	109.4	0.30	4.86	1.1	0.187
28556	Rock	499	6.9	54.1	0.006	0.863	20.09	9.9	3.7	1.9	123.9	0.24	6.00	1.1	0.180
28557	Rock	501	10.0	61.5	0.004	1.029	17.64	10.9	4.2	2.2	101.9	0.21	10.09	1.0	0.175
28558	Rock	496	8.7	62.1	0.009	0.871	28.54	10.9	3.9	1.9	120.0	0.22	6.31	1.0	0.190
28559	Rock	493	9.7	44.8	0.010	0.372	24.74	7.5	3.5	1.3	135.0	0.18	10.99	0.9	0.167
28560	Rock	517	4.8	47.2	0.008	0.756	13.80	8.6	3.8	1.4	106.6	0.21	5.36	1.2	0.172
28561	Rock	522	7.3	52.6	0.004	0.869	20.98	8.8	3.4	1.5	114.9	0.18	3.62	1.1	0.164
28562	Rock	437	6.5	64.7	<0.002	1.078	27.45	9.5	3.3	1.7	97.5	0.27	3.21	1.0	0.152
28563	Rock	511	6.5	46.0	0.007	0.814	39.29	7.5	5.4	1.5	116.2	0.24	9.18	0.9	0.144
28564	Rock	545	7.0	46.6	0.010	1.128	19.00	9.4	3.9	1.3	124.0	0.23	6.09	1.0	0.178
28565	Rock	532	8.3	48.2	0.007	0.992	24.78	8.5	3.0	1.3	121.7	0.24	7.73	1.0	0.167
28566	Rock	536	6.5	47.8	0.009	0.839	26.53	8.1	3.6	1.3	106.8	0.23	4.00	1.1	0.170
28567	Rock	506	6.7	46.8	0.003	1.061	27.03	7.3	3.1	1.3	120.1	0.18	4.58	1.0	0.148
28568	Rock	536	6.0	47.2	0.006	1.050	13.02	8.4	3.3	1.5	105.6	0.17	8.49	1.0	0.151
28569	Rock	726	6.1	59.4	0.009	1.505	17.82	11.0	4.7	2.0	135.6	0.46	9.83	2.3	0.187
28570	Rock	664	5.4	54.5	0.006	1.295	18.22	10.3	4.3	1.8	130.3	0.26	10.23	1.3	0.161
28571	Rock	573	7.6	57.1	0.010	0.828	23.47	8.6	3.5	1.5	152.8	0.27	9.90	1.0	0.183
28572	Rock	574	5.8	47.2	0.012	1.907	24.51	8.5	4.0	1.4	123.9	0.24	9.26	1.1	0.172
28573	Rock	488	5.3	47.6	0.009	1.556	18.84	8.1	4.0	1.4	104.3	0.17	11.16	1.0	0.145
28574	Rock	494	5.2	45.8	0.007	1.773	14.34	7.2	4.2	1.6	101.5	0.19	11.24	0.9	0.128
28575	Rock	499	5.2	43.4	0.009	1.593	14.35	6.8	3.8	1.6	102.2	0.17	9.32	0.8	0.127
28576	Rock	481	4.8	43.7	0.009	1.513	13.50	6.9	3.6	1.6	103.9	0.17	9.32	0.7	0.135
28577	Rock	488	5.6	41.9	0.006	1.711	7.96	7.0	4.6	1.7	111.9	0.18	12.43	0.7	0.128

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11-360-05850-01

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6552 Peregrine Road,
Nanaimo, BC V9V 1P8

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28501	Rock	0.37	0.6	91	46.2	5.3	142	3.0
28502	Rock	0.32	0.7	94	13.3	4.4	87	2.9
28503	Rock	0.22	0.6	87	9.5	4.5	87	7.5
28504	Rock	0.21	0.5	93	7.3	4.2	86	6.2
28505	Rock	0.23	0.7	94	11.5	4.7	83	8.0
28506	Rock	0.34	0.6	109	21.3	4.4	50	12.5
28507	Rock	0.44	0.8	115	27.3	4.8	109	5.2
28508	Rock	0.42	0.7	91	18.4	4.0	88	3.7
28509	Rock	0.34	0.9	107	13.5	5.8	77	14.0
28510	Rock	0.28	0.7	111	11.3	4.6	83	8.5
28511	Rock	0.24	0.7	102	10.5	4.2	80	17.5
28512	Rock	0.26	0.6	99	9.5	4.2	94	9.4
28513	Rock	0.43	0.4	101	38.7	2.3	26	6.3
28514	Rock	0.57	0.8	98	30.5	3.9	114	7.0
28515	Rock	0.31	0.9	110	13.7	5.1	112	13.8
28516	Rock	0.35	0.6	102	31.3	5.2	71	3.2
28517	Rock	0.34	0.6	98	28.6	4.5	70	13.2
28518	Rock	0.31	0.6	91	27.4	4.6	77	11.6
28519	Rock	0.33	0.6	93	26.4	4.5	75	4.8
28520	Rock	0.32	0.7	96	20.5	4.5	71	8.0
28521	Rock	0.32	0.5	95	24.4	6.4	70	5.1
28522	Rock	0.35	0.7	93	20.1	5.7	66	5.5
28523	Rock	0.36	0.7	98	25.2	4.8	80	12.1
28524	Rock	0.43	0.7	112	30.9	4.9	91	12.1
28525	Rock	0.35	0.6	94	20.3	3.9	51	9.4
28526	Rock	0.37	0.7	121	24.5	4.9	79	8.3
28527	Rock	0.37	0.8	101	24.7	4.5	75	5.9
28528	Rock	0.29	0.7	101	20.3	4.6	70	10.9
28529	Rock	0.31	0.5	107	22.5	4.6	60	4.5
28530	Rock	0.32	0.6	102	29.7	4.6	63	10.8
28531	Rock	0.26	0.7	109	17.5	6.2	50	9.2
28532	Rock	0.28	0.7	109	15.3	4.2	50	14.9
28533	Rock	0.31	0.7	109	22.5	4.1	44	10.5
28534	Rock	0.29	0.7	111	15.7	4.5	52	7.4
28535	Rock	0.36	0.4	77	34.5	4.7	74	6.4
28536	Rock	0.37	0.7	89	33.3	5.1	97	5.0
28537	Rock	0.37	0.7	92	24.0	4.9	104	6.5
28538	Rock	0.32	0.6	100	18.9	4.9	101	6.9
28539	Rock	0.31	0.6	92	17.4	5.0	101	6.3
28540	Rock	0.27	0.5	86	13.2	4.3	123	3.9

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6552 Peregrine Road,
Nanaimo, BC V9V 1P8

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28541	Rock	0.32	0.5	93	24.0	4.1	60	4.1
28542	Rock	0.32	0.6	98	32.9	4.2	66	9.8
28543	Rock	0.31	0.6	95	25.0	4.5	69	4.7
28544	Rock	0.32	0.8	100	22.8	4.4	66	6.0
28545	Rock	0.27	0.6	95	17.3	4.3	70	5.0
28546	Rock	0.30	0.6	89	21.5	4.2	65	5.0
28547	Rock	0.29	0.5	92	21.8	4.4	67	4.1
28548	Rock	0.27	0.6	94	19.1	4.1	66	5.3
28549	Rock	0.39	0.5	91	23.2	7.4	76	8.3
28550	Rock	0.44	0.6	109	25.3	5.0	84	5.4
28551	Rock	0.36	0.6	107	18.3	4.8	86	16.6
28552	Rock	0.32	0.8	105	15.7	4.9	82	8.6
28553	Rock	0.36	0.7	108	19.1	5.4	82	5.7
28554	Rock	0.26	0.5	115	13.4	5.2	49	9.2
28555	Rock	0.49	0.7	123	22.7	4.6	81	4.8
28556	Rock	0.34	0.7	111	17.1	5.0	75	7.6
28557	Rock	0.35	0.7	116	14.6	4.9	97	6.9
28558	Rock	0.41	0.7	115	21.1	4.9	83	16.0
28559	Rock	0.33	0.3	84	29.0	3.4	35	3.8
28560	Rock	0.36	0.7	104	13.0	5.2	113	4.8
28561	Rock	0.35	0.6	94	15.0	4.5	67	3.0
28562	Rock	0.44	0.6	108	16.7	4.2	85	2.8
28563	Rock	0.39	0.6	88	26.7	3.4	48	9.7
28564	Rock	0.41	0.6	105	34.3	6.5	130	2.4
28565	Rock	0.35	0.7	96	36.0	4.8	85	3.9
28566	Rock	0.38	0.7	94	26.0	4.2	64	3.7
28567	Rock	0.35	0.8	84	32.7	4.1	81	8.5
28568	Rock	0.29	0.8	102	15.8	4.8	76	7.0
28569	Rock	0.37	0.8	120	21.0	5.9	90	4.5
28570	Rock	0.35	1.0	115	19.8	5.2	80	3.4
28571	Rock	0.39	0.6	98	30.4	3.9	69	6.2
28572	Rock	0.44	0.8	89	29.9	5.0	105	3.5
28573	Rock	0.33	1.0	86	19.9	4.7	85	11.2
28574	Rock	0.29	0.7	84	15.3	3.7	79	9.2
28575	Rock	0.27	0.5	84	14.7	4.0	79	5.0
28576	Rock	0.26	0.5	79	15.2	3.5	76	14.1
28577	Rock	0.21	0.4	82	8.7	3.6	82	6.3

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Nanaimo, BC V9V 1P8

Sample Description	Sample Type	Au Au-1AT-AA ppm 0.005	Ag 50-4A-UT ppm 0.01	Al 50-4A-UT % 0.01	As 50-4A-UT ppm 0.2	Ba 50-4A-UT ppm 5	Be 50-4A-UT ppm 0.05	Bi 50-4A-UT ppm 0.01	Ca 50-4A-UT % 0.01	Cd 50-4A-UT ppm 0.02	Ce 50-4A-UT ppm 0.01	Co 50-4A-UT ppm 0.1	Cr 50-4A-UT ppm 1	Cs 50-4A-UT ppm 0.05	Cu 50-4A-UT ppm 0.2
28501	Rock		5.23	6.49	640.5	517	0.70	8.58	1.04	1.29	13.34	72.3	177	2.13	1304.1
28501 Dup			5.66	6.53	635.1	507	0.65	8.51	1.08	1.25	11.94	73.3	186	2.08	1320.3
QCV1108-00225-0002-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.46												1010.2
28519	Rock		4.45	6.47	623.1	460	0.63	8.55	1.36	0.50	12.59	57.5	191	1.96	747.8
28519 Dup			4.67	6.41	651.1	459	0.52	8.59	1.33	0.41	12.78	56.1	184	1.95	746.9
QCV1108-00225-0005-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.41		9.6	409	2.74	8.04		0.18	85.26	23.1		7.00	>10000
28537	Rock		9.01	6.67	963.7	384	0.48	33.67	1.03	0.54	13.75	83.0	187	1.74	1649.1
28537 Dup			8.40	6.70	982.0	392	0.57	31.24	1.01	0.55	15.36	85.8	186	1.88	1651.0
QCV1108-00225-0008-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			62.33												990.4
28555	Rock		6.04	9.07	818.1	653	0.63	6.78	1.37	0.44	11.32	40.9	147	4.12	1184.5
28555 Dup			6.30	9.10	811.6	640	0.65	7.01	1.37	0.44	11.66	42.6	141	4.18	1152.1
QCV1108-00225-0011-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-CDN-ME-8 expected			61.70												1030.0
STD-CDN-ME-8 result			61.38												1008.1
28573	Rock		7.09	6.65	949.4	468	0.58	15.22	1.10	0.48	13.26	66.3	233	1.86	1419.8
28573 Dup			6.71	6.48	916.4	438	0.60	14.29	1.08	0.45	13.05	64.8	240	1.73	1390.3
QCV1108-00225-0014-BLK			<0.01	<0.01	<0.2	<5	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
STD-OREAS94-4A expected			3.37					8.02				23.1			11400
STD-OREAS94-4A result			3.78		10.6	410	2.74	8.09		0.15	84.45	23.8		6.95	>10000
STD-OxG84 expected		0.922													
STD-OxG84 result		0.918													
QCV1108-00226-0004-BLK		0.006													
STD-OxJ80 expected		2.331													
STD-OxJ80 result		2.334													
28555	Rock	0.073													
28555 Dup		0.072													
QCV1108-00226-0008-BLK		0.009													
28573	Rock	0.170													
28573 Dup		0.152													
STD-OxD87 expected		0.417													
STD-OxD87 result		0.403													

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Nanaimo, BC V9V 1P8

Sample Description	Sample Type	Fe 50-4A-UT % 0.01	Ga 50-4A-UT ppm 0.05	Ge 50-4A-UT ppm 0.05	Hf 50-4A-UT ppm 0.1	In 50-4A-UT ppm 0.01	K 50-4A-UT % 0.01	La 50-4A-UT ppm 0.5	Li 50-4A-UT ppm 0.2	Mg 50-4A-UT % 0.01	Mn 50-4A-UT ppm 5	Mo 50-4A-UT ppm 0.05	Na 50-4A-UT % 0.01	Nb 50-4A-UT ppm 0.1	Ni 50-4A-UT ppm 0.2
28501	Rock	3.93	11.91	<0.05	1.8	0.22	2.31	5.7	16.8	0.54	624	11.43	0.70	3.3	38.0
28501 Dup		4.07	12.23	<0.05	0.2	0.22	2.21	5.8	16.1	0.55	645	11.69	0.69	2.8	38.1
QCV1108-00225-0002-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28519	Rock	3.87	12.43	2.06	0.1	0.19	2.25	5.9	14.6	0.56	672	10.35	0.63	2.6	54.5
28519 Dup		3.79	12.35	1.98	0.2	0.18	2.27	6.1	13.7	0.56	644	10.22	0.62	2.7	51.8
QCV1108-00225-0005-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			17.32		3.6	1.17		40.7	26.3			0.93		14.1	41.6
28537	Rock	4.83	12.29	0.59	0.4	0.21	2.26	6.6	9.3	0.55	585	13.50	0.61	2.4	44.1
28537 Dup		4.73	12.61	0.69	0.4	0.22	2.33	7.1	10.2	0.56	574	15.01	0.64	2.5	44.4
QCV1108-00225-0008-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28555	Rock	4.30	17.69	1.89	0.2	0.25	3.38	5.2	15.1	0.85	574	6.22	0.56	3.0	43.8
28555 Dup		4.32	17.99	2.01	0.2	0.27	3.35	5.3	15.9	0.85	576	5.93	0.59	2.9	44.9
QCV1108-00225-0011-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
28573	Rock	4.46	12.92	<0.05	0.2	0.20	2.22	6.3	12.4	0.54	552	13.76	0.54	2.3	35.4
28573 Dup		4.42	12.23	<0.05	0.2	0.20	2.11	6.1	12.3	0.53	544	11.09	0.52	2.1	34.1
QCV1108-00225-0014-BLK		<0.01	<0.05	<0.05	<0.1	<0.01	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2
STD-OREAS94-4A expected															
STD-OREAS94-4A result			18.56		3.8	1.17		40.9	27.1			0.96		13.9	43.9

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Nanaimo, BC V9V 1P8

Sample Description	Sample Type	P 50-4A-UT ppm 10	Pb 50-4A-UT ppm 0.5	Rb 50-4A-UT ppm 0.1	Re 50-4A-UT ppm 0.002	S 50-4A-UT % 0.01	Sb 50-4A-UT ppm 0.05	Sc 50-4A-UT ppm 0.1	Se 50-4A-UT ppm 1.0	Sn 50-4A-UT ppm 0.2	Sr 50-4A-UT ppm 0.2	Ta 50-4A-UT ppm 0.05	Te 50-4A-UT ppm 0.05	Th 50-4A-UT ppm 0.2	Ti 50-4A-UT % 0.005
28501	Rock	522	28.4	48.0	0.010	1.216	22.88	8.0	3.5	1.3	120.6	0.41	6.87	1.7	0.152
28501 Dup		529	27.9	49.9	0.010	1.218	23.57	7.8	3.5	1.3	122.1	0.23	6.60	1.1	0.158
QCV1108-00225-0002-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28519	Rock	538	5.7	46.5	0.008	0.982	20.98	7.7	2.8	1.4	121.0	0.22	6.66	0.9	0.148
28519 Dup		539	5.2	48.4	0.006	0.983	21.23	7.4	3.6	1.4	122.0	0.21	6.97	0.9	0.149
QCV1108-00225-0005-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			30.3	189.3	<0.002	1.281	2.73	12.0	13.9	23.0	34.4	1.27	<0.05	17.5	
28537	Rock	495	6.2	44.7	0.012	1.838	18.99	8.2	4.2	1.3	106.2	0.27	21.44	1.2	0.146
28537 Dup		490	5.9	45.9	0.015	1.792	19.67	8.4	4.8	1.5	108.4	0.28	20.80	1.3	0.142
QCV1108-00225-0008-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28555	Rock	520	7.1	71.2	0.006	0.886	34.62	11.9	2.5	2.0	109.4	0.30	4.86	1.1	0.187
28555 Dup		505	10.9	73.5	0.005	0.834	35.27	12.0	4.5	2.1	109.1	0.34	4.84	1.1	0.183
QCV1108-00225-0011-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-CDN-ME-8 expected			19400												
STD-CDN-ME-8 result			>10000												
28573	Rock	488	5.3	47.6	0.009	1.556	18.84	8.1	4.0	1.4	104.3	0.17	11.16	1.0	0.145
28573 Dup		502	4.9	47.8	0.006	1.601	18.38	7.8	4.0	1.3	100.5	0.16	10.07	0.9	0.137
QCV1108-00225-0014-BLK		<10	<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1.0	<0.2	<0.2	<0.05	<0.05	<0.2	<0.005
STD-OREAS94-4A expected			30.9			1.380	2.36		12.9	22.6					
STD-OREAS94-4A result			31.0	207.4	0.006	1.353	2.74	12.6	16.0	23.1	34.6	1.28	0.11	17.0	

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6552 Peregrine Road,
Nanaimo, BC V9V 1P8

Sample Description	Sample Type	Tl 50-4A-UT ppm 0.02	U 50-4A-UT ppm 0.1	V 50-4A-UT ppm 1	W 50-4A-UT ppm 0.1	Y 50-4A-UT ppm 0.1	Zn 50-4A-UT ppm 2	Zr 50-4A-UT ppm 0.5
28501	Rock	0.37	0.6	91	46.2	5.3	142	3.0
28501 Dup		0.38	0.7	87	48.5	7.5	145	2.3
QCV1108-00225-0002-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28519	Rock	0.33	0.6	93	26.4	4.5	75	4.8
28519 Dup		0.32	0.7	93	26.4	6.4	73	7.1
QCV1108-00225-0005-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.86	3.3			22.9	179	117.5
28537	Rock	0.37	0.7	92	24.0	4.9	104	6.5
28537 Dup		0.37	0.7	98	23.6	4.8	102	7.8
QCV1108-00225-0008-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28555	Rock	0.49	0.7	123	22.7	4.6	81	4.8
28555 Dup		0.48	0.7	130	23.4	4.8	78	13.2
QCV1108-00225-0011-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-CDN-ME-8 expected							19200	
STD-CDN-ME-8 result							>10000	
28573	Rock	0.33	1.0	86	19.9	4.7	85	11.2
28573 Dup		0.31	0.6	85	17.3	4.3	84	7.3
QCV1108-00225-0014-BLK		<0.02	<0.1	<1	<0.1	<0.1	<2	<0.5
STD-OREAS94-4A expected							171	
STD-OREAS94-4A result		0.82	3.0			24.6	183	118.1

Appendix 3

2010 Bulk Sample Technical Report

Bulk Sample From NinaGayle Project

Finley Bakker P.Geo

9/1/2010

Description, Methodology and Recommendations on the Bulk Sample taken from NinaGayle Project – on Mt Washington, Vancouver Island

Introduction

The author was asked to sample and verify the grade of a bulk sample taken from the NinaGayle, Dove Project, gold property. On July 26th 2010 the site of the sample was visited on the owner farm where it was stored. A total of 20 samples were personally taken by the writer. On August 15th 2010 the site from which the bulk sample was taken was examined. The average grade of the bulk sample indicated 168 tons at 51 g/t

This report is intended to validate the bulk sample tonnage and grade and is intended to provide recommendations and suggestions on future work on the property.

This report is not meant to be a 43-101compliant document to be used for assessment reporting, press release etc. and should be accompanied by supporting documentation provided background. For details on the geological setting and infrastructure etc. the reader is referred to **"Summary Report On the Mt. Washington Property Vancouver For Bluerock Resources Ltd, By Jacques Houle, P.Eng. April 30, 2007".**

Method

The bulk sample was located on the property owner's farm in Merville and was reported to have come from his Mt Washington group of claims collectively known as the NinaGayle, Dove Project. The entire pile was subdivided into 12 sub-blocks and each of these blocks was then sampled by the author. The pile in its entirety was then sampled twice and duplicate samples were taken from two of the blocks. Blanks were included. The samples were placed into plastic bags, tags enclosed and zip strapped for security. The samples were then forwarded to Acme Labs for analysis. The method and results are attached in the appendices.

The owners of the occurrence had indicated that a weighed bulk sample of 168 tonnes was taken by them in September 2009. A rough calculation of the pile as being 7 meters x 10 meters x 1.3meters =91 cubic meters. Using an average insitu density of 3.0 and using a swell factor of 33% or one third, this translates into 180 tonnes, essentially the same tonnage.

Figure 1- Bulk Sample covered by tarps

Figure2 – Delineated Sample Blocks

Figure 3- Location of Samples

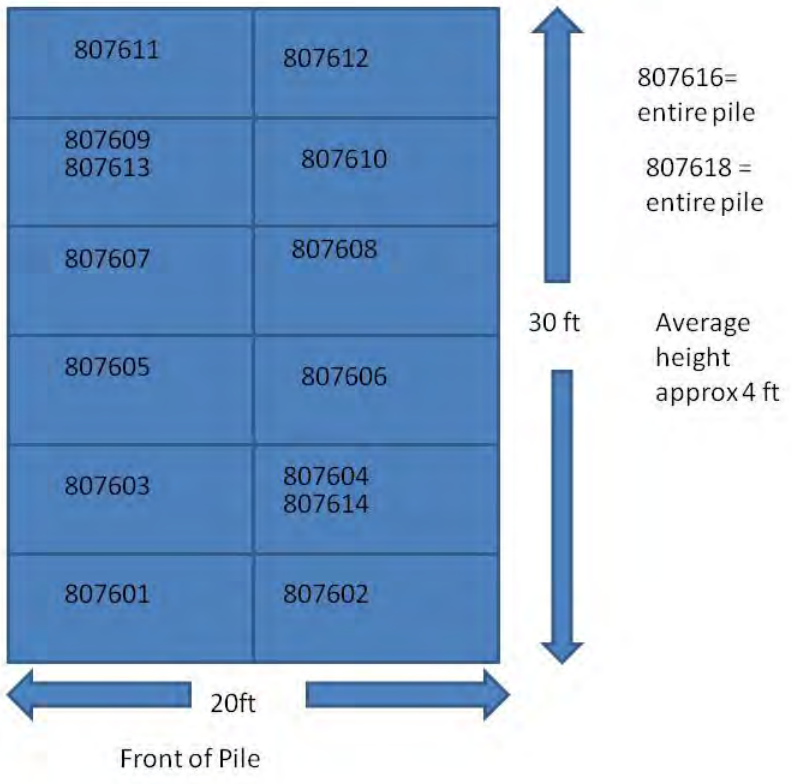

Figure 4- Idealized Location of Samples (see text for metric dimensions)

Figure 5. Samples to be shipped to Acme

Results

The weighted average of all the samples was 51.53 gm/t Au.

sample id	location	description	wt factor	gold g/t	gt/wtfactor
807601	1	90%>30cm	1.00	26.30	26.3
807602	2	80%>30cm	1.00	96.67	96.67
807603	3	50%>30cm	1.00	47.27	47.27
807604	4	40%>30cm	0.50	60.15	30.075
807605	5	70%>30cm	1.00	60.15	60.15
807606	6	80%>30cm	1.00	43.94	43.94
807607	7	50%>30cm	1.00	16.11	16.11
807608	8	40%>30cm	1.00	44.81	44.81
807609	9	30%>30cm	0.50	67.00	33.5
807610	10	30%>30cm	1.00	70.57	70.57
807611	11	5%>30cm	1.00	66.58	66.58
807612	12	10%>30cm	1.00	47.64	47.64
807613	13	duplicate of 9	0.50	45.97	22.985
807614	14	duplicate of 4	0.50	44.33	22.165
			12.00	52.40	628.765
807616	16	entire pile	12.00	50.67	608.04
807618	18	entire pile	12.00	51.51	618.12
	weighted average entire pile			51.53	

Table 1 – Calculation of the Weighted Average Grade

Discussion of Results

The sampled grade of the muck pile was remarkably consistent.

The bulk sample contains at least 168 tonnes of material.

The is also a significant amount of copper present as almost all samples graded more than 10,000ppm copper (1% Cu). Significant amounts of arsenic are also present.

Verification of Location of Bulk Sample

On August 15th the author was accompanied by Joe Paquet, Mike Rennie and Mat Rennie – some of the principles involved to the purported location of the samples

Findings

The actual location of the bulk sample has been covered by fill in order to return site to its "natural state". It was impossible to verify with absolute certainty that the sample came from here. However there were significant amounts of material that had been mixed in with fill that leads the author to believe that there is no reason not to believe that the sample location is not as stated.

Fig 6 – Location of the Bulk Sample

A larger bulk sample of purported lower grade material in the order of 6000 tonnes was also observed. It had been covered by a thin blanket of shotcrete, approximately 2cm thick to prevent a potential deleterious effect on the environment.

Fig 7 – Bulk Sample covered by shotcrete

The existing portal which literature indicates is approx 300 meters in length could not be observed as it had been back filled with limestone and sealed with shotcrete. However the presence of a drain tower confirms the approximate location of the portal.

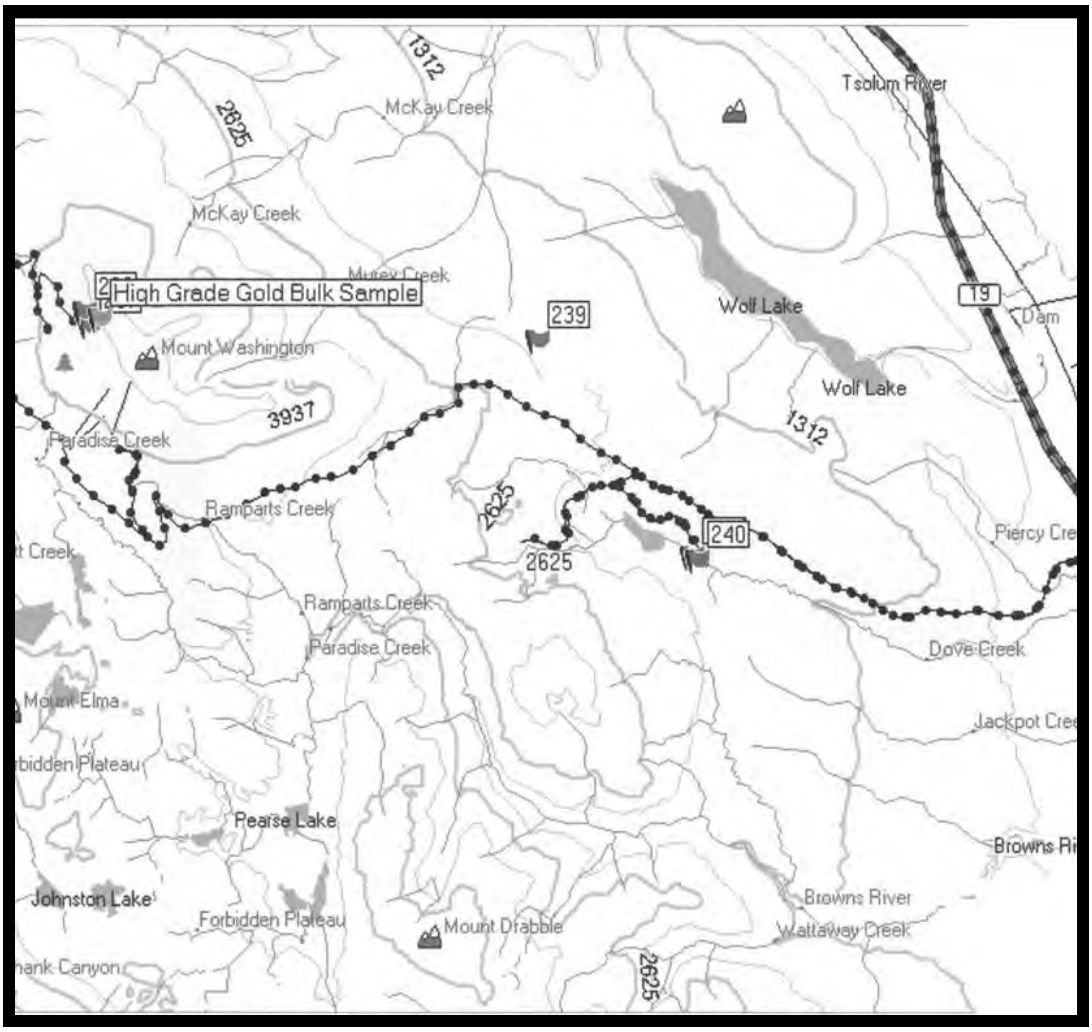

Fig 8– Map Showing location of bulk sample

The location of the this site has historically been referred to as “Mt Washington” but it is important to note that this site is physically and geographically removed from the site of the famous/infamous Mt Washington Copper Mine and should not be confused with the same. Geologically this unit may be related to the old mine but is on the “other side of the mountain”.

This site has been reclaimed in my opinion would be a professional manner and is easily accessible via a 4 wheel drive vehicle or an ATV. Work that was undertaken appears to have been done to “best practices” at the time and I have no reason to believe that it was not.

While I cannot ascertain with absolute certainty that the bulk sample came from this area I have no reason to believe that it did not and the abundance of similar material in the area gives credence to this opinion.

Recommendations

The owners indicate that most of the original diamond drill core is still available for viewing at the owner's farm. Some of this core should be resampled with current QAQC protocols.

According to the owners, approximately $6 million was spent on exploration drilling, drifting, mapping etc., until the time that the property was put on hold in the 1990's. The owners indicate that most of this data is still available for viewing and is on storage on the owner's farm.

1. I would strongly recommend that this data is converted to digital format as much as is practical.
2. A new 43-101 compliant resource should be calculated utilizing current technology.
3. The cost for a small owner/operator would be significant depending on the quality of the data and its overall condition – this could take as little as several months to as much as a year to undertake. In addition to the quality of the data, the availability of software, hardware and personnel to undertake the work could also be an issue.
4. Some of the old diamond drill holes should be found and their co-ordinates checked. The owner indicates that he actually drilled many of the diamond drill holes and is confident that they could be found.

I would strongly recommend that the above work is undertaken inspite of the property apparently having a permit to mine.

The 168 tonne bulk sample can be used for metallurgical work if deemed as being representation (in-spite of the elevated grade, the mineralogy may be similar)

In my opinion this property should be viewed as "an advanced exploration play" and not as a mine that could start in short order. Having said that, there are four distinct sources of potential revenue for the property that could be examined without endangering the systematic exploitation of the potential deposit.

1. The 168 tonne bulk the sample itself contains in the order of $300,000 of contained gold at today's prices.
2. The 600 tonne bulk sample currently capped by shotcrete could excavated
3. There should be more mineable material in the area of the bulk sample utilizing surface equipment
4. Some of the ore may be pitable as shown in Fig 6 which shows the reported extent of mineralization near surface

Fig.9 Potential Source of Pitable Material

Conclusion

With the resurgence of the price of gold and the ability of the owner to put together a bulk sample grading 51 gm/t Au this prospect has all the markings of an advanced exploration play and should be approached as such.

Appendix

- 1992 Report on Mt Washington Project
- Assay certificates

MT. WASHINGTON PROJECT

COPPER GOLD PORPHYRY POTENTIAL

Nanaimo Mining Division
Latitude 49° 46' 30" N Longitude 125° 18' W
NTS 92F/11W and 92F/14W

March 1992

C.C. Rennie, P.Eng.

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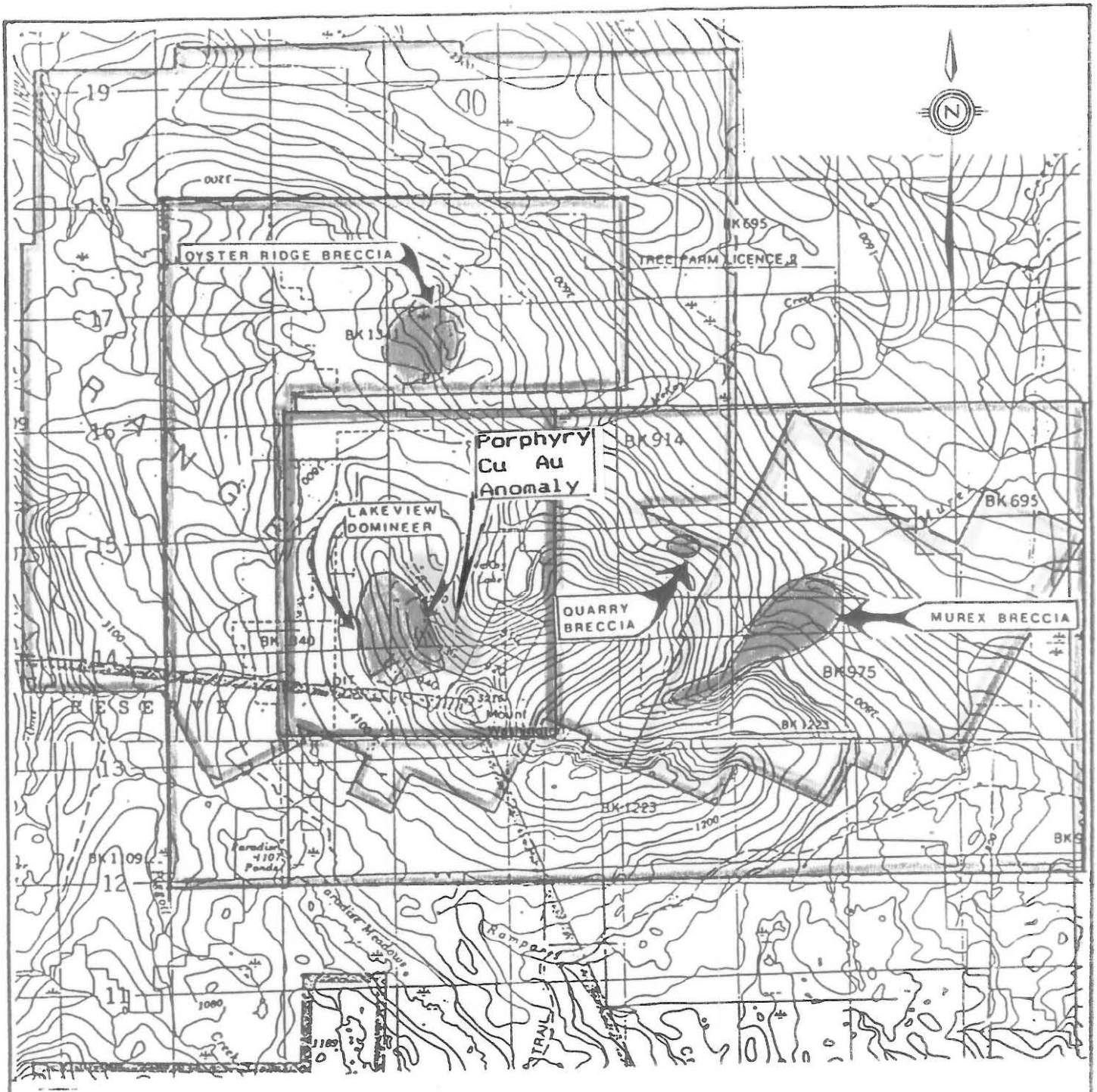
Illustrations



LEGEND

OUTLINE OF BETTER RESOURCES LIMITED MINERAL CLAIMS FOR GOLD AND SILVER

OUTLINE OF FORDING COAL BASE METAL RIGHTS AGREEMENT WITH BETTER RESOURCES

OUTLINE OF FORDING BASE METAL LEASE TO IMPERIAL METALS – PURCHASED BY BETTER

PRIME TARGET AREAS ON FORDING PARCELS

DRAWN BY C.C.R.	BETTER RESOURCES LIMITED	Scale – – – 1:50,000
DATE JANUARY 1990	LOCATION MAP MT. WASHINGTON AREA	FIGURE – 2

BETTER RESOURCES LTD.
MT. WASHINGTON PROJECT
SUMMARY REPORT

LOCATION, ACCESS AND FACILITIES

The claims of Better Resources Ltd. on Mt. Washington are centered on Latitude 49° 46' North, Longitude 115° 18' West within map sheets N.T.S. 92F/11W, 92F/14W, in the Nanaimo Mining Division. The claims are located approximately 21.5 kilometres northwest of Courtenay, British Columbia. They straddle the summit of Mt. Washington, the McKay Lake Basin, the north spur of Mt. Washington, and a portion of the area to the north (see Figure 1 and 2).

Access to the claims is by a network of well maintained paved and gravel mining and logging roads. Depending on snowfall and runoff conditions, access to within one kilometre of any point on the property is usually possible by four wheel vehicle between July and November. In most areas of the property, a year-round supply of drilling water is located within a radius of 400 metres. An electric power line has been extended to the top of Mt. Washington, well within the claim boundaries. Well-appointed accommodations are available at the Mt. Washington Ski Resort during the summer months. Year-round accommodations are available in Courtenay. Construction supplies, services and labour are readily available in the Campbell River-Courtenay area.

PROPERTY AND OWNERSHIP

The property consists of 240 claims and units inclusive of 4 Crown Grant claims, 2-post claims and modified grid units, covering 12,000 acres, which are 100% owned by Better Resources Ltd. and encompass gold and silver mineral rights previously reserved to the Crown (Figure 2).

Base metal rights over most of the property are held by Fording Coal Ltd., successor to the original E&N Land Grant (see Figure 2). Imperial Metals Corp. Ltd. obtained a lease from Fording Coal on base metal rights over 1,636 acres covering the Lakeview-Domineer Zone, which was purchased by Better in November 1989. Better have an extendable exploration agreement with option to lease on the remaining 8,400 acres of the Fording Coal base metal rights. The Oyster Breccia exploration target and the Murex Breccia lie within this Better-Fording agreement area.

Surface rights over most of the property are owned by Crown Forest, a subsidiary of Fletcher Challenge. Better Resources have agreements with Crown Forest covering access road use and the underground ore stockpile. The main access road to Mt. Washington is owned by Crown Forest but is maintained year-round by the Mt. Washington Ski Development. At sometime in the future it may become a public road.

PREVIOUS EXPLORATION

The Mt. Washington property has been extensively explored since its discovery in 1940 by the McKay brothers. Numerous individuals and companies have undertaken trenching, prospecting, soil sampling, geophysical surveys and diamond drilling on the Domineer and surrounding areas. The following is a brief synopsis on the history of Mt. Washington.

Year	Company	Work Done
1940	McKay Brothers	prospecting
1941	K.J. Springer	prospected Domineer
1944-45	Consolidated Mining and Smelting	exploring Domineer Vein
1951-59	Noranda Exploration	exploring north of Domineer Vein
1956	Mt. Washington Copper Co.	built road along Murex Creek
1957	Noranda & Mt. Washington Copper Co.	explored Murex basin, drilling outlined low grade copper zone
1958	Noranda & Mt. Washington Copper Co.	EM survey, trenching, diamond drilling flat lying zone of 2% copper north of the Domineer
1963-64	Cominco	drilled 12,596 ft.
1965-66	Mt. Washington Copper Co.	milled 392,000 tons of ore grading 1.16% Cu, 0.01 oz/ton Au, 0.5 oz/ton Ag
1969	Marietta Resources	drilled 6,947 ft., airborne magnetic survey
1971	Mt. Washington Copper	5 drill holes
1972-82	Esso Minerals	soil sampling, I.P. survey, geological mapping, drilled 10,489 ft., Lakeview zone pitted and short drill holes
1983	Better Resources	soil sampling, 2 drill holes
1984	Better Resources	soil sampling, water geochemistry, geological mapping, 16 drill holes
1985	Better Resources	Inactive
1986	Better Resources	trenching, 49 drill holes
1987	Better Resources	soil sampling, road and site building, 112 drill holes, 912 ft. of incline
1988	Better Resources	soil sampling, mapping, trenching, prospecting, 65 drill holes

Year	Company	Work Done
1988	Noranda	geophysics, geochem, 9 holes
1989	Better Resources	trenching, 17 drill holes
1989	Noranda	geophysics, geochem, 2 holes
1990	Better Resources	6 drill holes
1991	North Slope Minerals Inc.	6 drill holes on Murex
1991	Better Resources	rock chip geochem McKay basin

In 1983, Heinz Veerman submitted this property to Better Resources Ltd. The property was acquired based on the presence of known gold mineralization, a huge arsenic soil anomaly (greater than 2 km long), the presence of a realgar and a Tertiary age of the intrusives. From 1983 to 1989, Better Resources has drilled approximately 49,411 feet on the Lakeview/Domineer zone, 2,557 feet on the Oyster Breccia, 3,300 feet on Glacier Ridge and 3,175 feet on the Murex zone for a total of 58,433 feet drilled. The Lakeview/Domineer zone, the Oyster Breccia and McKay Lake have been extensively soil sampled with anomalous areas then trenched and finally drilled. An 8 ft. by 8 ft. underground incline was driven 912 ft. in 1987 to provide a metallurgical sample, determine the continuity of mineralization and examine rock stability.

To date $3.0 million dollars have been spent by Better Resources Limited on exploration on the Mt. Washington property with $2.082 million derived from flow-through shares in the 1987 and 1988 seasons.

GENERAL GEOLOGY

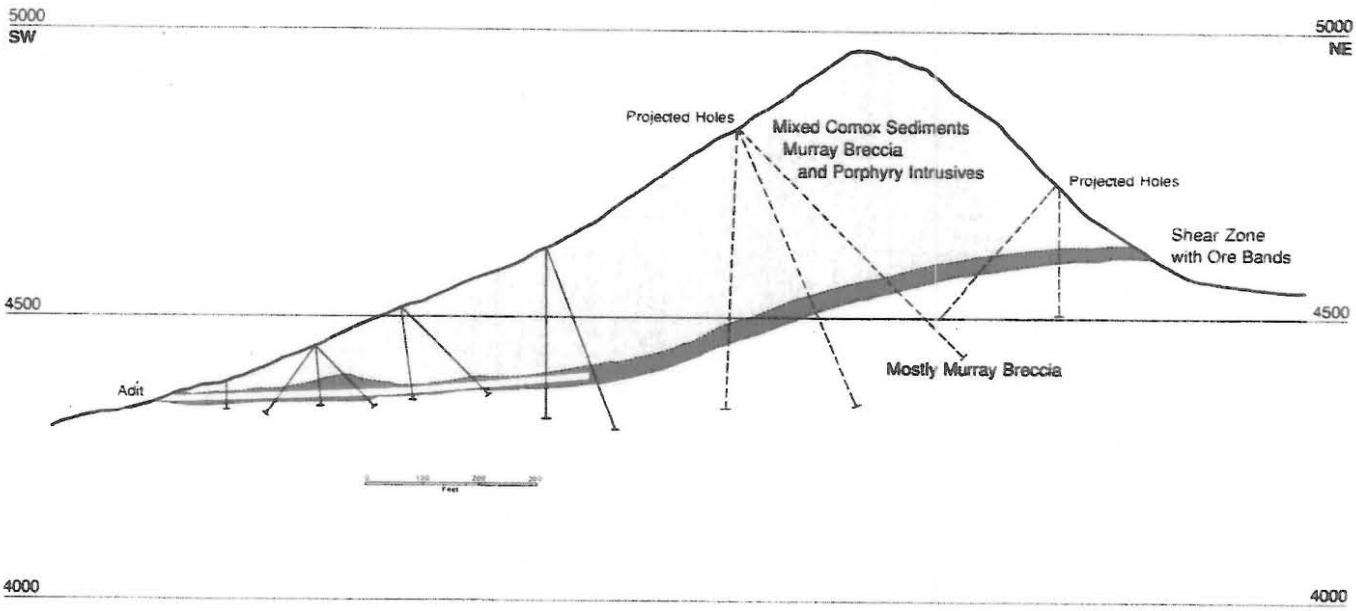
The lowest and oldest rocks on the property (Figure 3) are Karmutsen volcanics of upper Triassic age. These are mainly massive basalts with lesser volcanic tuff and breccia members. Unconformably overlying the Karmutsen formation on part of the property is the upper Cretaceous Comox Formation of the Nanaimo Group, made up of sandstones and shales, with some carbonaceous material. McKay Lake is the center of a Tertiary quartz diorite intrusive with associated feldspar porphyry sills and dykes. Diapiric and collapse breccias may be contemporaneous with or later than the intrusive since many of the breccias contain quartz-diorite and feldspar porphyry fragments as well as Comox and Karmutsen fragments.

Mineralization is widespread on Mt. Washington within the breccias and in crackle zones around the breccias and intrusive contact. Pyrite and pyrrhotite predominate with variable low amounts of chalcopyrite. Most favoured target areas are the breccias, briefly described below.

The Washington breccia, apparently the youngest, appears on surface as a plug between the Domineer vein outcrop and the south copper pit. Large angular clasts of diorite dominate over finely comminuted rock flour matrix, which has been partly replaced by actinolite and magnetite.

The Murray breccia, covering a large area south of the Washington breccia, has a much higher proportion of fine material to clasts. The clasts ranging from 1 to 10 cm in size and averaging 2 cm, are a mixture of quartz diorite, sandstone, siltstone and mafic volcanics. It has been argued that this breccia could be a Tertiary ejectamenta but crosscutting relationships with the Comox formation suggests a diatreme.

The McKay breccia located 2 km to the northeast of the Washington breccia also appears to be a diatreme. Features which suggest this mode of origin include: (1) an apparent pipe shaped morphology, (2) generally subrounded clast shape, (3) highly variable matrix content, (4) variety of clast compositions, (5) the presence



Generalized Section
Through Adit

Looking North

Figure – 4

ORE CONTROL AND MINERALIZATION

Better Resources Ltd. has concentrated most of their exploration activity on the Lakeview - Domineer Zone that cuts through the northwest sides of Mt. Washington. The ore controlling structure is a gently west dipping shear zone (Figure 4) that outcrops or sub-outcrops along both sides of the ridge and appears to be the same structure that contained the copper mineralization in the old copper pits at the north end of the ridge. The hanging wall of this shear is marked by a thin fault zone with some imbrications. Mullions on this fault in the underground working indicate the last movement was hanging wall moved from west to east relative to the footwall. Beneath this fault is a variable thickness of intense brecciation (possibly hydrothermal breccia) with strong silicification and clay alteration of the fragments. This structure cuts through the Comox formation approximately 100 m above its contact with the Karmutsen and through the Murray and Washington breccia. Tension cracks extending below the most intense breccia are mineralized. As yet no steep feeder zones for mineralization have been found beneath this structure.

of steeply dipping channels and (6) an increase in the fracture density of the country rock towards the breccia (McGuigan, P.J., 1975). As with the Washington breccia, veins of magnetite and actinolite are found to replace portions of the matrix.

The Murex breccia is both the largest and most complicated. Located at the eastern end of the property, this breccia has been subdivided by McGuigan (1975) into three variants or types. The first two types consist of subrounded to subangular clasts 1 to 10 cm in diameter of the Comox and Karmutsen Formations respectively. Matrix is generally less than 25% consisting entirely of finely comminuted rock fragments. Contact relations between the two mimic the overall trend of the unconformity, suggesting collapse to be the dominant process. The third form of Murex breccia is much more variable. More specifically the clast composition is heterolithic, with the size varying from 1 to 50 cm and the degree of roundness from subangular to spherical. The matrix content is also quite variable (20 to 80%) containing numerous matrix-rich channels. All of these features indicate a fair degree of movement has taken place, suggesting a mode of origin akin to a diatreme.

The Glacier Breccia located immediately east of the Washington Breccia consists of a sill-like body of highly mixed fragments. The Quarry Breccia located on the eastern slope of Mt. Washington is a composite breccia consisting of a core of rotated mixed fragments which is enclosed by a crackle breccia. Collapse appears to be mode of origin for this breccia.

Another collapse breccia is Oyster Breccia located approximately 2 km northwest of the Washington Breccia. Intense sericite alteration has affected the clasts with dolomite and vuggy quartz present in the matrix. Surrounding this breccia is a concentric, inward dipping fault-fracture set (McGuigan, P.J., 1975).

Gold bearing mineralization in the Lakeview Domineer zone is characterized by pyrite, arsenopyrite and some chalcopyrite in a silicified matrix around fine breccia fragments. Minor minerals reported by Carson are covellite, sphalerite, galena, tennantite, bornite, wernerite, hessite, chalcocite, realgar and orpiment. The best grade mineralization is concentrated immediately below the hanging wall of the structure. Higher gold values tend to accompany higher arsenopyrite content with up to 4 oz Au/T in nearly massive arsenopyrite at the adit collar. Higher silver values tend to parallel higher copper content.

In 1987, Better Resources Limited drove a total of 278 m of incline adit which branch into 2 drives, 105 m from the portal to prove continuity of mineralization, rock stability and check mineral grade in the flat-lying zone. The program was generally successful. To comply with our permit the stockpile was resloped and shotcreted and the portal sealed in 1991.

MINERAL RESERVE

Mineral reserves calculated in 1988 for the flat-lying Lakeview-Domineer zone were divided into two areas, a possible pit with a 10:1 strip ratio and cut-off of .05 oz/t Au and underground reserves with a .10 oz/T cut-off as follows:

Drill indicated reserves in short tons at 10 cu.ft./st (3.2 S.G.) are:

Area	Tons	oz/T Au	oz/T Ag	%Cu	%As
Possible Pit	274,500	.184	.74	.49	1.95
Underground	332,100	.208	1.10	.63	2.14
Total	606,600	.197	.94	.57	2.05

No reserves were calculated for the remaining mineralization around the old Mt. Washington pit aras but are estimated to be ±100,000 tons of +1% Cu.

THE MCKAY BASIN COPPER GOLD PORPHYRY AREA

As a result of general interest in copper-gold porphyry deposits in B.C., Better conducted a review of old data in the area south of the Mt. Washington pits and west of McKay Lake in late 1991, culminating with a rock chip geochemistry survey over a 2,000 ft. N-S by 800 ft. E-W grid. Multi-element analysis of these samples showed a broad coincident copper and gold anomaly surrounding two old diamond drill holes, one of which MW-84 contained 450 ft. of .29% Cu with only three assays for gold (.006 oz/T). The other hole C-10, 250 ft. away had three intersections 252 ft. of .195 Cu, 112 ft. of .28% Cu and 145 ft. of .12% Cu. This large area of potential copper-gold porphyry mineralization in altered Comox formation and intercalated porphyry intrusive deserves considerable exploration for economic copper-gold reserves.

Multi-element geochemical plans have been prepared for the area together with cross-sections that show the relativity of these old holes to the flat lying zone previously drilled for gold.

PROPOSED PROGRAM

A definite copper-gold porphyry target has been developed by old drilling and the rock geochemistry grid.

An initial program of six diamond drill holes to 800 ft. depth at 200 ft. spacing along strike is proposed to confirm the zone, to be followed by grid drilling to establish tonnage and grade.

C.C. Rennie

March 1992

C.C. Rennie, P.Eng.

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Campbell River BC V9W 5G5 Canada

Project: NinaGayle, Dove Project
Report Date: August 10, 2010

QUALITY CONTROL REPORT VAN10003213.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	gm/mt
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005	0.17
Pulp Duplicates																					
REP G1	QC	0.089	15	6	0.49	116	0.125	<1	0.82	0.078	0.47	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2		
807620	Rock	<0.001	<1	<1	<0.01	<1	<0.001	<1	0.02	0.003	0.02	0.1	0.11	<0.1	0.4	>10	<1	41.4	20.2	>10	88.80
REP 807620	QC																				90.21
Reference Materials																					
STD AGPROOF	Standard																				<0.17
STD CDN-ME-3	Standard																				9.50
STD CDN-ME-3	Standard																				10.06
STD DS7	Standard	0.081	13	199	1.15	413	0.131	42	1.09	0.099	0.51	3.9	0.24	2.3	4.3	0.21	5	3.6	0.8		
STD DS7	Standard	0.078	14	200	1.14	430	0.130	35	1.13	0.101	0.48	3.9	0.22	2.5	4.3	0.21	5	3.5	2.2		
STD OXH66	Standard																			1.291	
STD OXH66	Standard																			1.295	
STD OXH66	Standard																			1.242	
STD OXK79	Standard																			3.648	
STD OXK79	Standard																			3.595	
STD OXK79	Standard																			3.473	
STD DS7 Expected		0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08		
STD OXH66 Expected																				1.285	
STD OXK79 Expected																				3.532	
STD AGPROOF Expected																					0
STD CDN-ME-3 Expected																					9.97
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																			<0.005	
BLK	Blank																			<0.005	
BLK	Blank																			<0.005	
BLK	Blank																			<0.005	
BLK	Blank																			<0.005	
BLK	Blank																			<0.005	
BLK	Blank																				<0.17

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Project: NinaGayle, Dove Project
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QUALITY CONTROL REPORT VAN10003213.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
REP G1	QC		0.2	4.6	4.9	58	<0.1	1.8	3.9	599	2.01	10.9	1.8	37.3	6.3	59	0.1	<0.1	<0.1	39	0.54
807620	Rock	2.61	1.0	>10000	78.3	62	70.7	9.2	383.1	11	33.54	>10000	<0.1	>100000	<0.1	<1	0.4	176.1	494.6	21	<0.01
REP 807620	QC																				
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD CDN-ME-3	Standard																				
STD DS7	Standard		22.5	117.6	73.2	420	1.0	61.0	10.0	652	2.50	56.5	5.0	63.4	4.8	79	6.9	6.2	4.7	86	1.03
STD DS7	Standard		21.7	125.9	71.6	411	1.0	59.3	10.1	659	2.54	144.8	4.8	102.4	4.9	77	6.5	6.5	4.7	88	1.05
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXH66	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
STD OXH66 Expected																					
STD OXK79 Expected																					
STD AGPROOF Expected																					
STD CDN-ME-3 Expected																					
BLK	Blank		<0.1	2.8	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	25.9	<0.1	7.2	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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47 - 1160 Shelborne Blvd.
Campbell River BC V9W 5G5 Canada

Project: NinaGayle, Dove Project
Report Date: August 10, 2010

CERTIFICATE OF ANALYSIS VAN10003213.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	G6	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/mt	gm/mt
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005	0.17
807601	Rock	<0.001	2	4	<0.01	22	0.002	2	0.24	0.005	0.21	0.3	0.15	0.4	0.1	>10	<1	21.8	4.8	>10	26.30
807602	Rock	<0.001	3	2	0.01	25	0.002	<1	0.23	0.007	0.17	0.2	0.13	0.5	<0.1	9.12	<1	35.4	11.6	>10	96.67
807603	Rock	0.017	6	18	0.46	43	0.061	<1	1.03	0.033	0.63	0.3	0.15	2.4	0.6	6.98	4	21.0	7.7	>10	47.27
807604	Rock	0.002	12	4	0.02	32	0.003	2	0.31	0.004	0.24	1.4	0.16	0.9	0.1	6.97	1	27.4	11.3	>10	60.15
807605	Rock	0.002	16	5	0.02	32	0.003	<1	0.31	0.004	0.22	1.1	0.15	0.4	0.1	7.42	1	19.5	6.9	>10	60.15
807606	Rock	0.002	5	3	0.02	28	0.003	<1	0.26	0.005	0.18	0.2	0.08	0.3	0.2	>10	1	23.6	11.0	>10	43.94
807607	Rock	0.004	5	5	0.02	31	0.002	2	0.28	0.004	0.22	0.2	0.04	0.6	0.1	7.85	1	10.3	6.2	>10	16.11
807608	Rock	0.005	7	7	0.03	32	0.002	<1	0.30	0.004	0.20	0.3	0.16	0.6	0.2	6.63	<1	21.4	4.9	>10	44.81
807609	Rock	0.003	6	3	0.02	25	0.004	<1	0.29	0.004	0.19	0.3	0.13	0.4	<0.1	8.73	<1	28.6	10.4	>10	67.00
807610	Rock	0.001	9	4	0.01	27	0.002	<1	0.27	0.004	0.20	0.3	0.21	0.5	<0.1	9.78	2	23.3	6.0	>10	70.57
807611	Rock	0.001	3	6	0.06	24	0.004	<1	0.38	0.004	0.19	0.3	0.14	0.6	0.2	9.63	2	35.9	15.0	>10	66.58
807612	Rock	0.004	6	7	0.03	31	0.005	<1	0.32	0.005	0.22	0.2	0.07	0.7	0.3	9.42	1	19.9	7.7	>10	47.64
807613	Rock	0.004	6	6	0.05	25	0.008	<1	0.36	0.005	0.20	0.3	0.14	1.0	0.2	8.60	1	27.6	12.3	>10	45.97
807614	Rock	0.005	5	7	0.07	38	0.006	<1	0.54	0.024	0.25	0.4	0.18	1.3	0.2	6.35	2	21.0	4.1	>10	44.33
807615	Rock	0.076	4	47	0.49	85	0.204	2	3.84	0.177	0.03	<0.1	<0.01	8.7	<0.1	<0.05	12	1.7	<0.2		
807616	Rock	0.001	5	4	0.02	27	0.004	<1	0.25	0.005	0.17	0.2	0.16	0.6	0.1	8.87	<1	29.0	11.4	>10	50.67
807617	Rock	0.067	4	13	1.27	20	0.178	<1	1.79	0.216	0.03	<0.1	<0.01	3.4	<0.1	0.07	7	<0.5	<0.2		
807618	Rock	0.004	3	6	0.02	35	0.003	<1	0.32	0.004	0.24	0.3	0.14	1.0	0.1	7.57	<1	16.5	7.7	>10	51.51
807619	Rock	0.001	<1	<1	0.01	4	0.001	<1	0.04	0.004	<0.01	0.3	0.54	0.2	<0.1	>10	<1	59.0	2.0	>10	115.42
807620	Rock	<0.001	<1	<1	<0.01	<1	<0.001	<1	0.02	0.003	0.02	0.1	0.11	<0.1	0.4	>10	<1	41.4	20.2	>10	88.80

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47 - 1160 Shelborne Blvd.
Campbell River BC V9W 5G5 Canada

Project: NinaGayle, Dove Project
Report Date: August 10, 2010

CERTIFICATE OF ANALYSIS VAN10003213.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
807601	Rock	1.49	7.9	>10000	68.9	97	87.9	23.5	181.4	12	22.22	>10000	0.2	32870	0.8	<1	0.7	94.1	168.8	14	<0.01
807602	Rock	2.53	4.0	>10000	80.4	55	71.9	17.2	438.1	30	25.07	>10000	0.2	>100000	0.4	2	0.7	126.6	556.3	15	<0.01
807603	Rock	1.66	12.1	>10000	75.5	54	76.6	27.6	134.8	104	16.40	>10000	0.3	55129	0.5	28	0.3	99.4	260.1	47	0.14
807604	Rock	2.46	29.7	>10000	65.8	48	86.8	51.5	290.4	52	19.20	>10000	0.7	70030	0.9	7	0.6	119.0	370.6	13	0.01
807605	Rock	1.64	63.7	>10000	78.1	56	>100	16.4	191.8	44	14.94	>10000	0.5	66388	0.6	9	0.7	64.5	322.6	9	0.01
807606	Rock	2.36	10.1	>10000	105.8	97	>100	23.0	324.5	35	25.84	>10000	0.4	55328	0.5	7	1.1	108.5	268.4	17	0.01
807607	Rock	1.80	8.9	8794	41.7	32	41.8	11.9	121.3	21	12.96	>10000	0.2	18988	0.6	5	0.2	46.9	111.1	6	0.01
807608	Rock	2.08	10.8	>10000	64.7	76	>100	13.5	173.7	71	12.96	>10000	0.6	52127	0.7	9	0.5	57.9	259.7	9	0.02
807609	Rock	2.15	9.5	>10000	84.8	74	93.2	20.7	356.1	30	22.40	>10000	0.3	76753	0.5	9	0.7	108.4	378.5	15	0.01
807610	Rock	2.44	25.3	>10000	116.6	119	>100	13.1	233.7	46	21.95	>10000	0.2	85531	0.6	7	0.7	90.6	482.0	15	<0.01
807611	Rock	2.87	9.4	>10000	126.3	116	96.3	13.9	281.7	61	25.04	>10000	0.3	81496	0.5	8	0.8	106.7	429.3	25	0.01
807612	Rock	1.87	10.3	>10000	78.4	61	85.9	28.1	324.2	44	18.88	>10000	0.4	53178	0.7	9	0.5	74.3	284.4	13	0.02
807613	Rock	1.69	10.4	>10000	73.4	68	90.0	17.1	217.0	51	21.48	>10000	0.5	57486	0.5	9	0.6	117.7	299.4	21	0.03
807614	Rock	2.23	23.8	>10000	104.8	69	>100	22.4	142.1	79	12.95	>10000	0.3	49392	0.9	35	0.7	83.4	311.8	12	1.19
807615	Rock	2.05	1.1	212.3	1.5	36	0.7	25.2	13.5	309	2.63	593.2	0.3	382.6	0.4	95	0.3	0.6	1.4	112	4.61
807616	Rock	6.92	10.2	>10000	68.4	90	96.6	14.0	219.2	43	19.69	>10000	0.2	59229	0.5	5	1.3	93.3	301.9	11	0.01
807617	Rock	0.78	0.3	446.0	1.4	83	0.4	34.6	20.0	305	4.60	263.0	<0.1	147.5	0.3	50	0.1	0.3	0.2	171	1.12
807618	Rock	4.76	6.6	>10000	75.7	44	76.7	13.6	188.9	50	15.92	>10000	0.3	56673	0.7	6	0.4	86.7	308.6	9	0.02
807619	Rock	2.70	0.2	>10000	115.2	157	>100	4.2	110.5	13	32.71	>10000	<0.1	>100000	0.4	<1	2.0	217.5	860.7	21	0.02
807620	Rock	2.61	1.0	>10000	78.3	62	70.7	9.2	383.1	11	33.54	>10000	<0.1	>100000	<0.1	<1	0.4	176.1	494.6	21	<0.01

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Client: **Paquet, Joe**
47 - 1160 Shelborne Blvd.
Campbell River BC V9W 5G5 Canada

Submitted By: Joe Paquet
Receiving Lab: Canada-Vancouver
Received: July 12, 2010
Report Date: August 10, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN10003213.1

CLIENT JOB INFORMATION

Project: NinaGayle, Dove Project
Shipment ID:
P.O. Number
Number of Samples: 20

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	20	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	20	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
G601	18	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
G6	18	Lead collection fire assay fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Paquet, Joe
47 - 1160 Shelborne Blvd.
Campbell River BC V9W 5G5
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Campbell River BC V9W 5G5 Canada

Project: NinaGayle, Dove Project
Report Date: August 10, 2010

QUALITY CONTROL REPORT VAN10003213.1

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	G6 Au gm/mt 0.005	G6Gr Au gm/mt 0.17
BLK	Blank																				<0.17
BLK	Blank																				<0.17
Prep Wash																					
G1	Prep Blank																				
G1	Prep Blank	0.079	16	5	0.46	116	0.128	<1	0.83	0.088	0.44	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2		
G1	Prep Blank	0.086	15	5	0.49	117	0.128	<1	0.81	0.077	0.46	<0.1	<0.01	1.8	0.4	<0.05	5	<0.5	<0.2		

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QUALITY CONTROL REPORT VAN10003213.1

		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01																			
G1	Prep Blank	<0.01	0.4	4.6	18.5	60	<0.1	2.1	3.7	615	2.01	9.6	1.8	4.5	6.4	63	0.2	<0.1	<0.1	38	0.57
G1	Prep Blank		0.2	4.7	4.8	59	<0.1	1.8	3.9	596	2.02	9.4	1.9	9.8	6.4	59	0.1	<0.1	<0.1	39	0.53

Appendix 4

2009 Bulk Sample Physical Report

BRITISH COLUMBIA
The Best Place on Earth

REPORT OF PHYSICAL EXPLORATION AND DEVELOPMENT
Section 15 - Mineral Tenure Act Regulation

1. Event number(s):	2. Tenure number(s):	3. Type of Claim:
4557452	229726,229727,229728,229730,232419,232420,232425,232426,232427,232428,232430,232432,232434,232435,232436,232437,232439,232446,232455,232456,232458,512485,537029,537054,537144,537145,537343,607878	☑ Mineral ☐ Placer

4. Recorded holder

Name:	Address:
Clibetre Exploration Ltd.	6079 Headquarters Rd. Courtenay, B.C. V9J 1M7
Phone: 250-338-1258 / Email: globedrilling@telus.net	

5. Operator

Name:	Address:
Clibetre Exploration Ltd.	6079 Headquarters Rd. Courtenay, B.C. V9J 1M7
Phone: 250-338-1258 / Email: globedrilling@telus.net	

6 Report Author

Name:	Address:
Jacques Houle, P.Eng.	6552 Peregrine Road Nanaimo, B.C. V9V 1P8
Phone: 250-390-3930 / Email: jhoule06@shaw.ca	

7. Qualifications/experience of workers:

C.C. Rennie, P.Eng. (deceased November 2009) over 50 years mining and exploration; M.R. Rennie over 20 years diamond drilling; J.Houle, P.Eng. over 30 years mining and exploration

NEW WORK (as required under Section 15 of the MTA Regulation; see Information Updates 8 and 25 for further details)

8. Actual dates work was done:	9. Tenure number(s) of claim(s) on which this work was done:
September 30 to October 8, 2009	232439

Detailed written description of the work activity: state what was done and how it was done, and the results. Mention equipment, machinery, labourers, as applicable. The cost statement (#18 on page 2) must correspond to what is stated here (*if more space is required, use the supplementary section on page 3 or attach additional sheets*)
***** Attach a 1:10,000 scale map accurately showing the locations of the work sites.*****

What work was done?	Excavation and transport of 168.62 tonnes bulk sample from the Mount Washington Domineer/Lakeview adit area to a secure storage facility located on the property of M.R. Rennie in Courtenay, B.C., including reclamation of the bulk sample site and 1 year advance storage fees for the bulk sample.
How was the work done?	The bulk sample site was selected by the late C.C. Rennie, P.Eng., who supervised the excavation and transport of the bulk sample by Dennis Phye Bulldozing Ltd., the reclamation of the site, and the construction of the secure storage facility by M.R. Rennie.
What were the results?	No technical work has been done to date on the bulk sample. It is planned to extract a representative sample from the bulk sample and to send portions of it to potential buyers of the sample and/or the Mount Washington Property.

11. Dimensions of work done: (Is the work site marked?) No	12. Amount of material excavated and tested or processed: (metric units)
unknown - reclaimed	168.62 tonnes

NEW WORK (*continued*)

13. Geographic location of work sites; GPS coordinates; how would someone get to where the work was done; from the nearest town:
NAD83 UTM Zone 10N 333790 East 5514137N 1411 m. elevation (approximate based on 2005 GPS location of portal dump by author) From Highway 19 turn west onto Strathcona Parkway west and continue beyond ski resort to Piggott Main, turning north and following branch logging roads east to the area of the Domineer/Lakeview adit.

16. Are photographs of work sites attached? (Y/N)	No		
17. Was Notice of work filed? (Y/N)	Yes	**If YES,** Permit Number:	MX-7-190 Approval #: 09-1610462-0914

COST STATEMENT

18. Expense(s) (complete either hourly rate or daily rate)	**Total Hours OR # of days**	**Hourly Rate**	**Daily Rate**	**Total(s) ($)**
Labour cost: (specify type)				
C.C. Rennie, P.Eng. - supervision of bulk sample program	7 days		$500.00	$3,500.00
M.R. Rennie - construction of secure storage facility	4 days		$400.00	$1,600.00
J. Houle, P.Eng. - compilation and report by invoice				$825.30
Equipment & Machinery cost: (specify type)				
Excavation and trucking by Dennis Phye Bulldozing Ltd.				$11,106.06
by invoice (excavator, dump truck, lowbed, reclamation)				
Lodging / Food:	**Days**	**Rate(s)**		
Other: (specify)				
Public liability, fire and vehicle insurance premiums				$2,576.00
Materials and 1 year rental for secure storage facility				$3,621.00
	19. Total costs of work from above:			$23,228.36

20. Transportation/travel (specify type)	**Days**	**Rate(s)**	**Total(s) ($)**
travel by pickup truck to/from Mount Washington and Nanaimo by C.C. Rennie	9	$100.00	$900.00
	21. Transportation/travel, maximum 20% of value in 19:		$900.00
	22. Total costs of work (add 19 and 21):		$24,128.36
	23. Amount claimed for assessment credit on claims:		$24,081.61

Signature of Recorded Holder / Agent

April 7, 2010
Date

SUPPLEMENTARY SECTION (use this section if more space is required)

Event number(s):	4557452

Signature of Recorded Holder / Agent

April 7, 2010
Date

Important:
This report must be submitted within 30 days of the date the exploration and development work was registered in the Mineral Titles Online system.

This report may be submitted to any Service BC Government Agent or Mineral Titles Branch Office, or you can mail the report directly to:

Mineral Titles Branch
Ministry of Energy, Mines and Petroleum Resources
300 - 865 Hornby Street
Vancouver, BC V6Z 2G3

Appendix 5

Tenure Data

Assessment Report Title Page

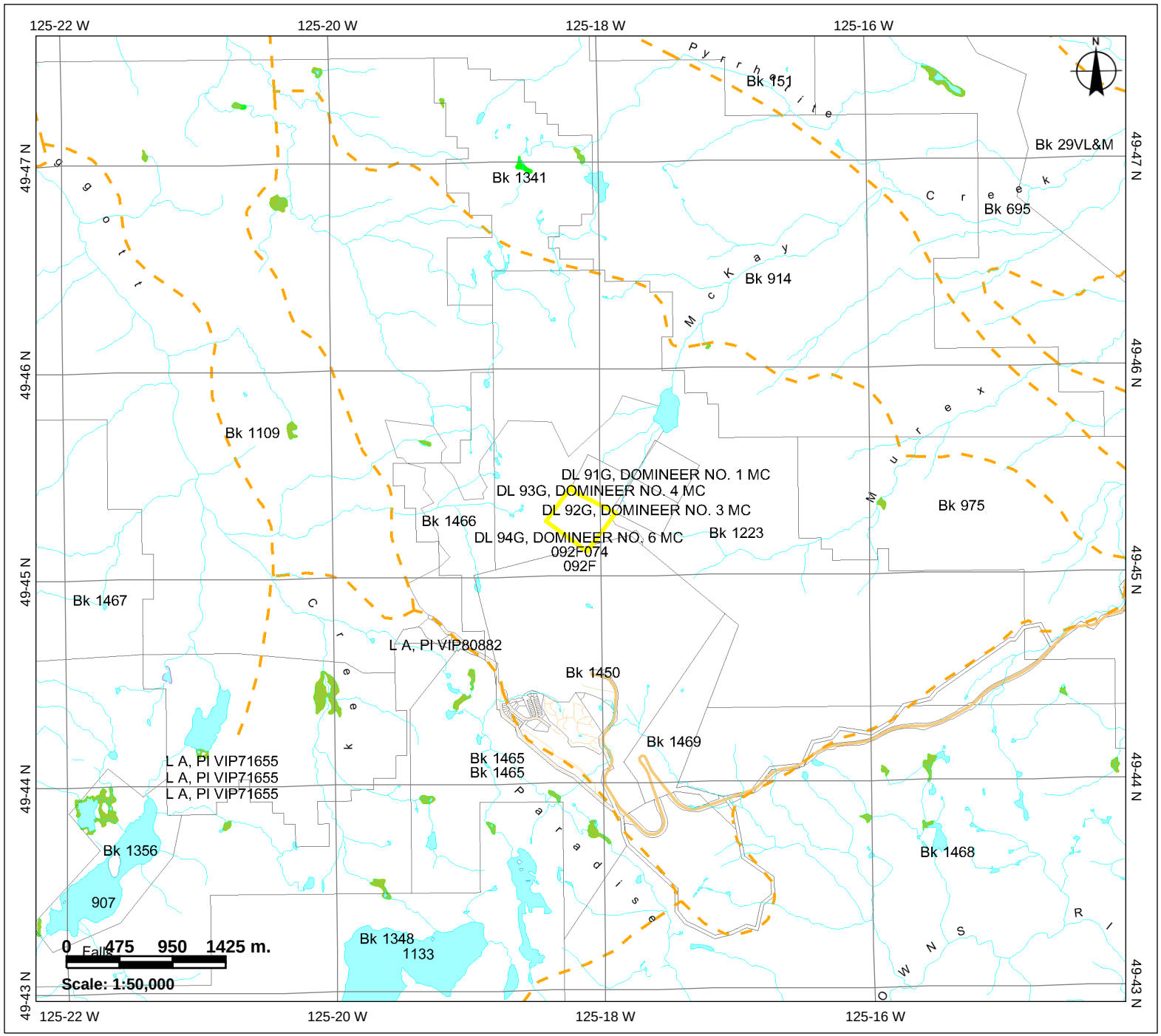
Assessment Cost Statement

MTO Event 5000656

MTO Tenure Overlap Report

Tantalis Gator Crown Granted Mineral Claim Reports and Maps

Mt. Washington 2011 Tailings Drilling Program Cost Statement					
Exploration Work type	**Comment**	**Days**			**Totals**
Personnel (Name)* / Position	**Field Days (list actual days)**	**Days**	**Rate**	**Subtotal***	
Michael Rennie / Driller	July 12,13,14, 2011	3	$600.00	$1,800.00	
Bruce Rennie / Drillers Helper	July 12,13,14, 2011	3	$400.00	$1,200.00	
David McLelland / Technician	July 12, 2011	1	$501.76	$501.76	
Jacques Houle / Geologist	July 12, 2011	1	$806.40	$806.40	
Adrian Houle / Field Assistant	July 12, 2011	1	$225.00	$225.00	
				$4,533.16	**$4,533.16**
Office Studies	**List Personnel (note - Office only, do not include field days**				
General research (plan program)	Jacques Houle - July, 2011	1.2	$887.04	$1,020.10	
Report preparation (estimate)	Jacques Houle - Aug-Oct, 2011	3.0	$887.04	$2,661.12	
				$3,681.22	**$3,681.22**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Drill (cuttings, core, etc.)	77		$41.65	$3,206.74	
				$3,206.74	**$3,206.74**
Drilling	**No. of Holes, Size of Core and Metres**	**No.**	**Rate**	**Subtotal**	
Other (hand-held tailings drilling)	15 holes, 1.5" tailings, 65 metres		$0.00	$0.00	
				$0.00	**$0.00**
Transportation		**No.**	**Rate**	**Subtotal**	
truck rental (Rennie)	July 12,13,14, 2011	3.00	$150.00	$450.00	
truck rental (Houle)	July 12, 2011	0.40	$403.20	$161.28	
				$611.28	**$611.28**
Equipment Rentals					
Field Gear	soil drill from Auracle	3.00	$252.00	$756.00	
	soil tubes from Auracle	77.00	$2.24	$172.48	
Other (Specify)	field gear from Houle			$266.11	
				$1,194.59	**$1,194.59**
Freight, rock samples					
shipping core samples to lab	77		$2.05	$158.14	
			$0.00	$0.00	
				$158.14	**$158.14**
TOTAL Expenditures					**$13,385.13**



BRITISH COLUMBIA

DL 94G Domineer No.6

Legend

Water - Rivers, Creeks, Shorelines, etc. (1:20,000)

- Glacier
- Icefield
- Canal
- Dam
- Dam - Beaver
- Ditch
- Falls
- Flume
- Rapids
- River or Stream - Definite
- River or Stream - Dry
- River or Stream - Indefinite
- River or Stream - Left Bank
- River or Stream - Right Bank
- Dam - section Base
- Flooded Land - Inundated
- Lake - Definite
- Lake - Indefinite
- Lake - Intermittent
- Reservoir - Definite
- Reservoir - Indefinite
- Reservoir - Intermittent
- Marsh
- Swamp
- Breakwall or Breakwater - Large
- Dyke or Levee
- Island - Definite
- Sand Bar
- Sea Wall
- Coastline - Definite
- Coastline - Indefinite
- Transportation - Roads, Railroads

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Datum/Projection: NAD83, Albers Equal Area Conic

Key Map of British Columbia