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

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	TOTAL COST
Technical Report for Prospecting, Moss Mat, Rock, Soil Sampling, Geochemistry and Magnetics on the Nahmint Property	$40,128

AUTHOR(S) Jacques Houle, P.Eng. SIGNATURE(S)

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) YEAR OF WORK 2008

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4250135

PROPERTY NAME Nahmint

CLAIM NAME(S) (on which work was done) 525100, 525102, 525107, 525109, 525110, 525111, 525112, 525113, 525114, 525116, 525118, 529233, 529289, 529291, 525292, 529361, 543420, 543421

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

MINERAL INVENTORY MINFILE NUMBER(S) 092C007,-08,-09,-61,-67,-95; 092F086,-118,-129,-140,-142,-156,-157,-160,-166,-209,-210

MINING DIVISION Alberni NTS 092C096, 092F006

LATITUDE 49 ° 07 ' " LONGITUDE 125 ° 07 ' " (at centre of work)

OWNER(S)

1) Nahminto Resources Ltd. 2)

MAILING ADDRESS

2802 - 1188 Howe Street
Vancouver, B.C. V6Z 2S8

OPERATOR(S) [who paid for the work]

1) Nahminto Resources Ltd., Urastar Energy Inc., Torch River Resources Ltd. 2)

MAILING ADDRESS

Suite 1000 - 888 3rd Street West
Calgary, AB T2P 5C5

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

Skarn, Porphyry, Copper, Zinc, Silver, Gold, Limestone, Volcanics, Jurassic, Triassic

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS

00777, 02856, 08286, 08898, 15199, 19484, 28868, 29252, 29574, 29660

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	**173 readings over 2.1 km.**	**3 Jays No.2 Crown Grant**	**$ 0**
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil	**90 samples analyzed for multi-elements, Au**	**3 Jays No.2 Crown Grant**	**$ 0**
Silt			
Rock	**45 samples analyzed for multi-elements, Au, Pt, Pd**	**all 18 cell mineral claims**	**$ 2,032.10**
Other	**44 stream moss mats analyzed for multi-element, Au,Pt,Pd**	**all 18 cell mineral claims**	**$ 1,755.14**
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	**99 samples taken - rocks, moss mats**	**all 18 cell mineral claims**	**$ 14,692.54**
Petrographic			
Mineralographic	**45 rocks cut and described**		**$ 759.50**
Metallurgic			
PROSPECTING (scale, area)	**1:50,000 scale over 8,000 ha**		**$ 14,692.54**
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other	**Drafting, Reports**		**$ 6,196.40**
		TOTAL COST	**$ 40,128.22**

Technical Report

BC Geological Survey
Assessment Report
30799

On the

Nahmint Property

Vancouver Island, British Columbia

Alberni Mining Division

NTS 092F006 & 092C096

UTM Zone 10N
5432000 N 358000 E

For

Torch River Resources Ltd.
Suite 1000 – 888 3rd Street West, Calgary AB Canada T2P 5C5

By

Jacques Houle, P.Eng.
Mineral Exploration Consulting
6552 Peregrine Road, Nanaimo, B.C. Canada V9V 1P8

Dated February 9, 2009

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. HOULE
25107

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Summary

The two groups of fifteen crown granted mineral claims known as the Three Jays group of eight claims and the Monitor group of seven claims (the "Crown Grants") along with the surrounding eighteen cell mineral claims are collectively known as the Nahmint Property ("Nahmint" or the "Property") which together forms a large, contiguous, early stage copper-zinc-gold-silver-iron +/- molybdenum exploration property located along sheltered tidewaters of southern Vancouver Island, British Columbia, Canada. Mineral rights to the roughly 8,000 hectare property are held 100% by Nahminto Resources Ltd., and are subject to an option joint venture agreement with Torch River Resources Ltd. The Property geology consists of a flat-lying sequence of layered rocks of Triassic to Jurassic age, including Karmutsen volcanics, Quatsino limestone, Parson Bay volcanics and sediments, and LeMare Lake volcanics. These layered rocks have been intruded and domed from beneath by a batholith or large sill of Jurassic Island Intrusive granodiorite and related stocks and dikes. Steeply-dipping, northwest-trending faults have deformed and offset the layered and intrusive rocks both vertically and horizontally. This represents the ideal geological setting on Vancouver Island for porphyry copper-gold-molybdenum and related copper, iron and gold skarn deposits.

The Property hosts a continuum of styles of both metallic and industrial mineralization in past producers, prospects and showings documented in British Columbia MINFILE, or recently discovered and as of yet undocumented, as follows:

- Copper-zinc-gold-magnetite bearing Copper/Iron Skarn occurrences Monitor (092C007), Happy John (092C008), Defiance (092C009), Silver King (092C061), Black Prince (092F086), Sunshine (092F129),Three Jays (092F140), Ocean Wave (092F142), Orphan Boy (092F209) and Mark Murray (new).
- Sedimentary Limestone occurrence Hecate Mountain (092F411)

The Property hosts three historic past producers of direct-shipping, high grade copper-silver-gold ore which yielded a total of 3,274 tonnes averaging 8.15% copper, 34.4 g/t silver and 0.61 g/t gold. These consist of the following occurrences:

- **Three Jays** produced 1,981 tonnes @ 7.52% copper, 38.0 g/t silver and 0.97 g/t gold from 1898 to 1902
- **Monitor** produced 1,288 tonnes @ 9.08% copper, 28.8 g/t silver and 0.05 g/t gold from 1900 to 1918
- **Sunshine** produced 5 tonnes @ 17.4% copper and 43.6 g/t silver in 1916

These past producers were discovered, developed and mined in an era predating modern mineral deposit models and mining techniques. The tenures covering the MINFILE occurrences have only recently been consolidated under a single, seamless ownership structure. The Nahmint Property has just begun to be subjected to modern, systematic exploration techniques in 2008, with some success. The Property warrants exploration for new mineral deposits of copper, silver, gold, magnetite and/or molybdenum. A 2-phase, $2.5 million work program is proposed to define and delineate known occurrences and to discover new metallic deposits, targeting high grade skarn, bulk mineable porphyry and industrial mineral limestone/marble types, while establishing environmental and socio-economic programs necessary for long term success.

Introduction

The author was retained by Torch River Resources Ltd. ("Torch River" or the "Company") to prepare a Technical Report (NI-43-101 compliant) on the Nahmint Property, optioned from Nahminto Resources Ltd. ("Nahminto"), and located on southern Vancouver Island, British Columbia. The main purposes of the report are as follows:

- to summarize previous work on the crown grants and cell claims and,
- to make recommendations for further exploration and,
- to help the Company market the Property for financing exploration and development and,
- to fulfill mineral tenure assessment report requirements

The report is based on the author's personal knowledge of the area, the crown grants, the property, and on a review of data from the Company's files, and from published data including that from the British Columbia Ministry of Energy, Mines and Petroleum Resources and the Geological Survey of Canada. All information used to prepare this report is contained in the References section of the report.

The author is a Qualified Person as defined by National Instrument 43-101, and is independent of both Torch River and Nahminto. The author visited and worked on the Property for the purpose of locating, examining, mapping and sampling exposed mineralization, performing an orientation stream moss mat sampling survey, and managing the 2008 field program on behalf of Nahminto on the dates as follows:

- June 11,14-15,21, 2007 – for Nahminto Resources Ltd. - property orientation to near the Three Jays occurrence; mapping and sampling the Mark Murray occurrence; mapping and sampling the Sunshine occurrence including an old adit and shaft – this work was documented and filed in BC ARIS Report 29252 dated August 15, 2007
- September 10-13, 2007 – for Nahminto Resources Ltd. and Discovery-Corp Enterprises Inc. - sampling at the Three Jays #1 Tunnel portal; mapping and sampling near the Orphan Boy and Sunshine occurrences; stream moss mat sampling along Handy Creek Main and Sing Main roads – this work was documented and filed in BC ARIS Report 29574 December 17, 2007
- October 15, 2007 – for Nahminto Resources Ltd. - sampling and mapping of old trenches near the Monitor occurrence – this work was documented and filed in pending BC ARIS Report 29660 dated January 22, 2008
- July 21-27, 2008 – for Nahminto Resources Ltd. and Urastar Energy Inc. - camp-based, ATV & truck-supported 6 person field program consisting of prospecting and rock and stream moss mat sampling throughout the property – this work is documented in this report dated February 1, 2009

Reliance on Other Experts

Technical information in this report was derived from Company files, government publications and published reports. Original data has been used where available. Reasonable care and diligence has been taken by the author to verify all information. The author has seen no reason to doubt the validity and accuracy of this source data and historical information, most of which was generated by qualified, professional persons at the times the work was done prior to the implementation of NI 43-101.

Property Description and Location

The Nahmint Property is centred 25 kilometres south of the city of Port Alberni and Provincial Highway 4 along the western shoreline of the Alberni Inlet. The mineral rights to the cell mineral claims of the Nahmint Property are held 100% by private company Nahminto Resources Ltd. of Port Alberni, B.C. (FMC No. 209027), and consist of 18 contiguous cell mineral claims, acquired by Mr. Herbert W. McMaster in 2005 and 2006, and transferred to Nahminto in 2007. A 19th cell claim (550478) located near the centre of the property is held by Mr. Rolland Menard (FMC No.118167) under a partnership agreement with Mr. Timothy Henneberry. Nahminto has agreed to maintain this claim in good standing for the owners for future considerations towards a possible option/joint venture agreement for that claim. The western and south western boundaries of the cell mineral claims overlap a series of no staking reserves and clusters of mainly forfeited crown granted mineral claims along the shores of Henderson Lake and Uchucklesit Inlet.

The mineral rights to the Three Jays and Monitor crown granted mineral claim groups were purchased outright by Nahminto from Pacific Coast Copper Ltd. in late 2007, and consist of two separate groups of 15 crown grants which cover the former Three Jays and Monitor past producers of copper, gold and silver, and which are surrounded by the contiguous cell mineral claims of the Nahmint Property. Fourteen of the crown grants are registered to Karen Woo of Vancouver, B.C., and held beneficially for Nahminto. The 15th crown grant (Monitor #2) is registered to Dana McClure, who may be deceased, and cannot be located. If this crown grant is allowed by the registered owner to forfeit by failure to make the required annual tax payments to the crown, the mineral rights will be assumed by the overlying cell mineral claim (525116) held by Nahminto.

Under a property option agreement dated February 9, 2009, Torch River has the right to earn up to 75% interest in the 14 crown granted mineral claims and the 18 cell mineral claims from Karen Woo and Nahminto, respectively, for cash payments of $351,000, expenditures of $1.35 million, and 10 million shares on or before the 5th anniversary of the agreement, subject to a 2% net smelter royalty of which 1% can be purchased for $1 million at any time by Torch River. It should be noted that the 14 crown grants are completely overlapped by the 18 cell claims. Mineral tenure lists appear in Tables 1 and 2, as follows.

Table 1 – Crown Granted Mineral Claims

S.I.D. #	District Lot #	Registered Owner	Claim Name	P.I.D. #	Area (ha.)
200280	519	Nahminto c/o K.Woo	Southern Cross	009-405-950	14.9
200310	520	Nahminto c/o K.Woo	Pacific	009-405-976	8.8
200440	521	Nahminto c/o K.Woo	Norway	009-405-992	18.2
200600	523	Nahminto c/o K.Woo	Ballarat	009-406-018	13.4
200730	524	Nahminto c/o K.Woo	Three Jays	009-406-026	14.2
200860	525	Nahminto c/o K.Woo	Three Jays No.2	009-406-042	13.6
200990	526	Nahminto c/o K.Woo	Three Jays No.3	009-406-069	20.4
201060	527	Nahminto c/o K.Woo	Blue Jay	009-406-077	9.5
201190	528	Nahminto c/o K.Woo	Uncle Sam	009-406-093	12.7
201220	529	Nahminto c/o K.Woo	John Bull	009-406-115	7.7
201350	530	Nahminto c/o K.Woo	Nahwitka	009-406-140	13.8
201480	531	Nahminto c/o K.Woo	Nahwitka No.1 Fraction	009-406-174	0.2
201510	532	Nahminto c/o K.Woo	Monitor No.1	009-406-123	18.7
201640	533	Nahminto c/o K.Woo	Monitor No.1 Fraction	009-406-131	6.0
201770	534	Dana McClure	Monitor No.2	009-406-182	16.2
Totals	**15 crown grants**				**188.3**

Table 2 – Cell Mineral Claims

Tenure Number	Tenure Type	Claim Name	Registered Owner (%)	Map Number	Good To Date	Status	Area (ha.)
525100	Mineral	TJM1	209027 (100%)	092F	2010/jan/24	GOOD	529.358
525102	Mineral	TJM2	209027 (100%)	092C	2010/jan/24	GOOD	529.885
525107	Mineral	TJM3	209027 (100%)	092C	2010/jan/24	GOOD	445.079
525109	Mineral	TJM4	209027 (100%)	092F	2010/jan/24	GOOD	529.681
525110	Mineral	TJM5	209027 (100%)	092F	2010/jan/24	GOOD	529.636
525111	Mineral	TJM6	209027 (100%)	092F	2010/jan/24	GOOD	529.367
525112	Mineral	TJM7	209027 (100%)	092F	2010/jan/24	GOOD	529.555
525113	Mineral	TJM8	209027 (100%)	092F	2010/jan/24	GOOD	529.497
525114	Mineral	TJM9	209027 (100%)	092F	2010/jan/24	GOOD	529.594
525116	Mineral	TJM10	209027 (100%)	092C	2010/jan/24	GOOD	445.058
525118	Mineral	TJM11	209027 (100%)	092C	2010/jan/24	GOOD	529.746
529233	Mineral	TJM12	209027 (100%)	092F	2010/jan/24	GOOD	296.387
529289	Mineral	TJM13	209027 (100%)	092F	2010/jan/24	GOOD	465.683
529291	Mineral	TJM14	209027 (100%)	092F	2010/jan/24	GOOD	338.679
529292	Mineral	TJM15	209027 (100%)	092F	2010/jan/24	GOOD	508.23
529361	Mineral	TJM16	209027 (100%)	092F	2010/jan/24	GOOD	338.6
543420	Mineral	TJM17	209027 (100%)	092F	2010/jan/24	GOOD	508.166
543421	Mineral	TJM18	209027 (100%)	092F	2010/jan/24	GOOD	105.899
Totals	**18 claims**						**8218.1**

All known mineralized zones and mine workings are located either on the 14 owned crown granted mineral claims (not on Monitor #2) or on the 18 cell mineral claims held by Nahminto, as described in the History and Mineralization sections. The surface rights over the 15 crown granted mineral claims and most of the surface rights over the 18 cell mineral claims are held by the B.C. government as crown land, but there are some large areas with timber licences held by logging companies, some small areas along the shore of Uchucklesit Inlet held as private property by individuals, and some foreshore leases.

Similar to elsewhere in British Columbia, no permit is required for non-mechanized exploration, but a valid permit is required to undertake any mechanized work on the Nahmint Property. Such permits are issued by the Inspector of Mines at the Victoria-based Southwest Regional Office, Health and Safety Branch, Mining and Minerals Division, B.C. Ministry of Energy Mines and Petroleum Resources. This requires the submission of a Notice of Work and Reclamation Program Application, which takes approximately one month to process, but commonly takes longer due to delays in receiving referral responses from local First Nations Bands. In addition, owners of the surface rights of the private land covering a minor portion of the Nahmint Property must be notified in advance of any mining activity on their land, and fairly compensated for any and all damages inflicted to the surface rights, by the mineral tenure owner.

Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Nahmint Property is centred 25 kilometres south of the city of Port Alberni and Provincial Highway 4 along the western shoreline of the Alberni Inlet. The property is accessible by road from Port Alberni by two alternate routes. The northern route follows Highway 4 west across the Somass River Bridge, then south along a series of logging roads mainly along the Alberni Inlet for approximately 50 kilometres to the northern property boundary, which takes about 1.5 hours. However, this northern route

has been temporarily decommissioned. The western route follows Highway 4 to the same turnoff, then west, south and east for approximately 75 kilometres to the western property boundary, which takes about 2 hours, and is open and accessible by four wheel drive vehicles. The lower elevations of the eastern and southern portions of the property are locally accessible by water from Port Alberni 20 to 40 kilometres south and west along the Alberni and Uchucklesit Inlets, which takes 0.5 to 1.5 hours depending on the speed of the watercraft.

The local infrastructure is good with extensive logging roads over most of the Nahmint property, and the sheltered Alberni and Uchucklesit Inlets along two sides. Exploration programs can be mobilized and serviced by road, air or water as required to different portions of the property. Upgraded and expanded roads and the installation of deep sea wharfs could provide excellent access for potential future mining operations on the property. Port Alberni is a resource community of about 17,000 people with abundant skilled labour, housing, services, hospital, airport and a deep sea port.

Topographically, the property resembles a squat dome, and topography consists of terraced, flat-topped mountains incised by steep cliffs and valleys with fast-flowing, often seasonal creeks and rivers fed by small lakes. Elevations range across the property from sea level to about 1000 metres. Overburden on the property consists of thin, poorly developed soils with local pockets of thicker glacial till, and rock exposure averages about 10%. Vegetation is dense, second growth coniferous forest and fast-growing alders along variably overgrown logging roads, with occasional patches of old growth hemlock, balsam, fir and cedar. Abundant fresh water sources occur throughout the property, available through appropriate permits for exploration or mining purposes.

The climate in the area is a temperate coastal rain forest, with warm dry summers, and very wet conditions the rest of the year. Winters are relatively mild with moderate snowfall accumulations at higher elevations that linger along north-facing slopes well into the spring. Exploration is possible year round over most of the Nahmint property.

History

Brief summaries of each of the eighteen MINFILE occurrences located on, or covered by No Staking Reserves or other claims immediately adjacent to, the Nahmint Property summarized from Annual Reports of the B.C. Minister of Mines are as follows:

Monitor (MINFILE 092C 007)
Three copper skarn deposits (Maynard, Hedley and Leonard) were discovered between 1898 and 1916 along a 700 metre long north-westerly trend along the east side of Handy Creek near the shore of the Alberni Inlet on the contiguous crown granted mineral claims Uncle Sam, John Bull, Nahwitka and Monitor No.1 Fraction held by K. Woo beneficially for Nahminto. These are now surrounded by cell mineral claim 525102 on the southern portion of the Nahmint Property. Shallow underground workings and surface trenches were excavated and an aerial tramway installed to

convey ore from the upper workings. Minor production of direct shipping ore to smelters occurred in two pulses, to Tacoma from 1900 to1902 and to Trail from 1916 to 1918, totalling 1,288 tons averaging 9.09% copper, 0.05 g/t gold and 28.8 g/t silver.

Happy John (MINFILE 092C 008)
Three copper skarn deposits were discovered between 1900 and 1918 along the west side of Handy Creek near the shore of the Alberni Inlet on the three, non-contiguous, forfeited crown granted mineral claims Happy John No.1, No.2 and No.4. These are now covered by cell mineral claim 525102 on the southern part of the Nahmint Property. Shallow underground workings and surface trenches were excavated on all the deposits, which are all within 2 km. of the Monitor deposits and may together represent a single, large cluster of copper skarns.

Defiance (MINFILE 092C 009)
Three iron skarn deposits were discovered between 1902 and 1916 in a cluster along a tributary of Handy Creek, due north of the Monitor and Happy John occurrences approximately 1 km. from the Alberni Inlet, also now covered by cell mineral claim 525102 on the southern portion of the Nahmint Property. Shallow underground workings and extensive surface trenches were excavated on some of the deposits. Analyses of magnetite-chalcopyrite dump material taken in 1917 yielded elevated copper and silver values, as well as iron.

Silver King (MINFILE 092C 061)
Three gold/copper skarn deposits were discovered along an 800 m. east-west trend approximately 300 m. from the Alberni Inlet and 1 km. west of the Monitor occurrence on the contiguous forfeited crown granted Silver King, Copper Queen and St. George claims. These are now covered by cell claims 525102 and 525107 on the southern Nahmint Property, but the western projection of the zone extends into a pre-existing no staking reserve along the east shore of Uchucklesit Inlet. Samples taken in 1986 from siliceous pyrrhotite-chalcopyrite skarn mineralization yielded elevated gold values.

Southern Cross (MINFILE 092C 067)
A copper skarn was discovered along the northeast shore of Uchucklesit Inlet on the forfeited crown granted Southern Cross mineral claim. This is included in a no staking reserve that pre-existed the surrounding cell mineral claim 525107, and is just beyond the southwest portion of the property boundary. Shallow underground workings and a trench were excavated in 1904-1906, and minor production of direct shipping ore in 1905-1906 totalled 290 tonnes averaging 2.1% copper and 17.7 g/t silver.

Barclay Sound (MINFILE 092C 095)
A 200 metre wide limestone deposit extending for 1.7 km. along the northeast shore of Uchucklesit Inlet and onto Limestone Island was discovered in 1911. It strikes north-easterly towards the Silver King skarn occurrence, and dips gently to the southeast. Most of the limestone deposit along the shore is within the no staking reserve, but its northeast projection is covered by cell claim 525102 on the southern Nahmint Property.

Black Prince (MINFILE 092F 086)
Between two and six deposits of iron skarn, consisting of almost pure magnetite occurring in thin sheets, were discovered near a stream along the eastern side of Cass Creek between 1910 and 1916. A sample of one of the deposits taken in 1916 averaged 70.2% iron. These deposits are covered by cell mineral claims 525109 and possibly 525110 in the central portion of the Nahmint Property.

Torse (MINFILE 092F 118)
This occurrence was originally discovered and staked as the Blue Bell Group in 1898-1899, then re-staked as the Torse Group (Torse No.1 to No.8 inclusive) and explored in 1917-1918. Two copper skarn deposits were discovered along the eastern side of Snug Basin, and explored by shallow underground workings and open cuts. All but the Torse No.5 crown granted mineral claims were forfeited and the area of the former claims and deposits is within a no staking reserve extending along the eastern shore of Henderson Lake and surrounding Snug Basin. The western edge of cell mineral claim 543421 overlaps the pre-existing no staking reserve, but does not cover any the known deposits of the Torse occurrence, beyond the western edge of the Nahmint Property.

Sunshine (MINFILE 092F129)
At least three deposits of variable iron and copper skarn were discovered between 1902 and 1918 along Cascade Creek, about 700 metres northeast of Uchucklesit Inlet on the contiguous forfeited Sunshine and Fern crown granted mineral claims. These are now covered by cell mineral claims 525109 and possibly 525107 on the southwest portion of the Nahmint Property, which extend to Uchucklesit Inlet between two no staking reserves. The deposits were explored by shallow underground workings, from which 5 tonnes were shipped in 1916, averaging17.4% copper and 43.6 g/t silver.

Three Jays (MINFILE 092F140)
The Three Jays was also called Hayes or Nahmint during its exploration and production history between 1898 and 1947, and is by far the most developed area on the Nahmint Property. Seven copper skarn deposits were discovered over a strike length of 1500 metres from the west shore of he Alberni Inlet along an east-west orientation, plus a disseminated copper zone, on the contiguous North Pole, Southern Cross, Pacific, Norway, Viking (forfeited), Ballarat, Three Jays No.2, Three Jays, Three Jays No.3 and Blue Jay (forfeited) crown granted mineral claims, which are held by K. Woo beneficially for Nahminto. The deposits and the remaining crown grants are either on or surrounded by cell mineral claim 525100 on the northeast portion of the Nahmint Property. The deposits were explored by almost 1 km. of underground workings, including three tunnels, two shafts, and several trenches, plus an aerial tramway was installed to convey ore from the upper workings. From 1898 to 1902, 1,981 tonnes of direct shipping ore was sent to the Tacoma smelter, averaging 7.5% copper, 0.97 g/t gold and 38 g/t silver, with several stockpiles of mineralized material remaining on surface.

Ocean Wave (MINFILE 092F142) and Orphan Boy (MINFILE 092F209)

Originally known as the Belvidere Group and located 1 km. north of Snug Basin, these occurrence were covered by the once contiguous but now forfeited crown granted mineral claims Orphan Boy, Fisher Maid, Belvidere, Santa Cruz, Ocean Wave, Big Bear, Southern Cross, Alpha, Tortilla, and Belvedere No.1 Fraction. From 1899 to 1903, at least two clusters of copper skarn deposits approximately 500 m. were discovered and the northern occurrence (Ocean Wave) excavated by shallow underground workings. In 1965, a minor surface drilling program was completed on the southern occurrence (Orphan Boy), but no known documentation exists of this work. These deposits are now covered by a no staking reserve along the eastern shore of Henderson Lake, and cell mineral claim 543420 overlaps the pre-existing reserve and the deposits along the western edge of the Nahmint Property.

Saucy Lass (MINFILE 092F156)
Several copper skarn deposits were discovered from 1908 to 1920 on the contiguous forfeited crown granted mineral claims Saucy Lass, Saucy Lass No.1 and Saucy Boy, located along Cascade Creek approximately 1 km. from Uchucklesit Inlet. These were explored by shallow underground workings. The deposits occur along the eastern end of a no-staking reserve and are overlapped by cell mineral claim 525109, straddling the southwest boundary of the Nahmint Property.

Cascade (MINFILE 092F157)
In 1904, an outcropping deposit of copper/gold skarn was discovered along the west side of Cascade Creek approximately 400 m. from Uchucklesit Inlet, developed with a short adit and shaft for drainage, and an aerial tramway was installed. The deposit was partially mined by open cut and a trial shipment of 113 tonnes was sent to the Tacoma smelter, which averaged 13% copper and 29 g/t silver. A subsequent survey of the deposit location by the mine operators showed it to be beyond the claim boundary, and all further work was suspended. The deposit is now covered by a no staking reserve at Kildonan, the historic site of a small settlement and current site of a private fishing lodge, and is overlapped by cell mineral claim 525109 beyond the southwest boundary of the Nahmint Property.

Ivanhoe (MINFILE 092F160)
From 1908 to 1909, three copper skarn deposit was discovered each about 100 metres apart just north of Snug Basin and explored with shallow underground workings. These are now covered by the no staking reserve along the east side of Henderson Lake, beyond the west boundary of the Nahmint Property.

Rainy Day (MINFILE 092F166)
Four parallel, northeast-trending copper skarn deposits were discovered within 50 metres of one another from 1898 to 1928, one of which and explored by shallow underground workings, on the forfeited Rainy Day crown granted mineral claim along the eastern shore of Henderson Lake. These deposits are covered by the no staking reserve, and overlapped by cell mineral claim 543420, beyond the north-western boundary of the Nahmint Property.

J & S (MINFILE 092F210)
In 1898, an iron skarn deposit was discovered and explored along the eastern shore of Henderson Lake, approximately 500 m. northeast of the Rainy Day occurrence. This deposit is covered by the no staking reserve, and overlapped by cell mineral claim 543420, beyond the north-western boundary of the Nahmint Property.

Hecate Mountain (MINFILE 092F411)
This unexplored limestone occurrence is probably the strike extension of the Barkley Sound occurrence, located 2 km. to the southwest along the Alberni Inlet. Hecate Mountain is a 250 m. wide, gently northwest-dipping limestone band near the centre of the Nahmint Property at the junction of cell claims 525102, 525110 and 525112.

Uchucklesit Inlet (MINFILE 092F413)
This unexplored limestone occurrence is located just north of Snug Basin, near the Torse and Ivanhoe skarn occurrences. It is situated within a no staking reserve and beyond the western boundary of the Nahmint Property.

Handy Creek (MINFILE 092F475)
This unexplored limestone occurrence is exposed over an area of 1 by 2 kilometres, and is a flat lying lens partially exposed in section along the deep gorge at the Handy Creek Main bridge. It is covered by mineral cell claim 550478, owned by individuals and surrounded by the Nahmint Property.

Work in the area of the Nahmint property dates back to the late 1890's with the discovery of mineralization at many locations along the nearby portions of the Alberni Inlet, Uchucklesit Inlet and Henderson Lake. Considerable exploration and development work was carried out on the property in the early 1900s, particularly on the Three Jays area, including underground workings on twelve different occurrences, each representing a separate cluster of skarn deposits. Most of the work was suspended by the onset of World War 1, and only sporadic exploration has occurred on some of the locations since then. Documented assessment work consists of ten reports of preliminary exploration work completed on isolated portions of the Nahmint Property by different operators who staked claims over reverted crown granted mineral claims and/or acquired titles to crown grants, including four recently written and submitted as assessment reports by the author, tabulated in Table 3 as follows:

Table 3 – Assessment Work Summary

Year	Company	Work Program
1965	Alberni Mines Ltd.	• Geological and ground magnetic geophysical surveys on the Orphan Boy claim and occurrence • Assessment Report 00777
1969-70	Nootka Explorations Ltd.	• Geological and geochemical surveys on the Henderson Lake claims (covered the area of Torse, Ocean Wave, Ivanhoe, Rainy Day, Orphan Boy and J&S occurrences) • Assessment Report 02856

Year	Company	Work Program
1980	Island Mining and Exploration Co. Ltd.	• Prospecting, geological and geochemical surveys on the IME claims (including crown grants and covering the Three Jays occurrence) • Assessment Report 08286
1980	Allan Ingleson	• Prospecting on the Rain Day claims (covering the Rainy Day and possibly J&S occurrences) • Assessment Report 08898
1986	Chelan Resources Inc.	• Geological, geochemical and ground geophysical (magnetics and electromagnetics) surveys on the Liquid Sunshine Property (covering Happy John, Silver King, Southern Cross occurrences) • Assessment Report 15199
1989	Nitro Resources Ltd.	• Geochemical sampling on the Liquid Sunshine Property (covering Happy John, Silver King, and Southern Cross occurrences) • Assessment Report 19484
2006	Herb McMaster	• Prospecting, rock sampling and geochemistry in the Three Jays area of the Nahmint Property • Assessment Report 28868
2007	Nahminto Resources Ltd.	• Prospecting, geological mapping, rock sampling and geochemistry on portions of the Nahmint Property • Assessment Report 29252
2007	Nahminto Resources Ltd.	• Prospecting, geological mapping, rock and stream moss mat sampling on portions of the Nahmint property • Assessment Report 29574
2008	Nahminto Resources Ltd.	• Prospecting, rock sampling and geochemistry on portions of the Nahmint Property • Assessment Report 29660

Geological Setting

The Nahmint property is situated near the south end of the Wrangellian Terrane of the Insular Belt. The region is underlain by four, thick discrete volcano-sedimentary sequences ranging in age from Palaeozoic to Cretaceous, which have been variably intruded by up to four intrusive suites each associated with major tectonic events and related folding and faulting. The oldest sequence in the area belongs to the Devonian-Permian Sicker Group, which does not outcrop on the property. The middle two sequences consist of the Triassic-Jurassic Vancouver and Bonanza Groups, which are described in detail below and cover most of the property. The youngest sequence belongs to the Cretaceous Nanaimo Group, which is entirely clastic sediments and does not outcrop on the property. The only intrusive rocks known to outcrop on the property are batholiths, stocks and dikes of the Jurassic Island Intrusive Suite, but Triassic Mount Hall and Tertiary Mount Washington suite intrusives occur in the area.

The Triassic-Jurassic Vancouver and Bonanza Groups were reclassified in 2007 by G. Nixon of the B.C. Geological Survey, based on his recent work on northern Vancouver

Island. The Triassic Karmutsen Formation of the Vancouver Group consists of extensive, pillowed to brecciated volcanic flows with thin inter-flow limestones and porphyritic volcanics in the upper part of the unit. Overlying the Karmutsen is the massive to bedded Triassic Quatsino Formation limestone, also of the Vancouver Group. The base of the overlying Bonanza Group is the Triassic Parson Bay Formation, consisting of volcanic breccias and tuffs overlain by bedded limestone, siltstone, mudstone and shale. These are overlain by the Jurassic LeMare Lake sub-aerial volcanics, tuffs and minor sedimentary rocks, the top of the Bonanza Group. These volcano-sedimentary sequences are intruded by the Early Jurassic Island Intrusives, consisting of a batholith or sill of granodiorite and related sub-intrusive porphyritic stocks and dikes.

The legends for all report Figures for both Central Vancouver Island and the Property are from B.C. MapPlace, with property geology units including map symbols as follows:

- Early-Middle Jurassic Island Intrusive granodiorites (EMJIgd)
- Lower Jurassic Bonanza Group LeMare Lake calc-alkaline volcanics (lJBca)
- Upper Triassic Bonanza Group Parson Bay volcaniclastics (incl. in lJBca)
- Upper Triassic Vancouver Group Quatsino Formation limestones (uTrVQ)
- Upper Triassic Vancouver Group Karmutsen Formation volcanics (uTrVK)

The Island Intrusives are directly associated with documented calc-alkalic copper-molybdenum-gold porphyry and possibly related copper-gold-silver, lead-zinc-silver and iron skarn deposits elsewhere on Vancouver Island, shown in Table 4 as follows:

Table 4 – Significant Porphyry/Skarn Deposits on Vancouver Island

Vancouver Island Deposit	MINFILE Class	Million Tonnes	Cu (%)	Pb (%)	Zn (%)	Mo (%)	Au (g/t)	Ag (g/t)	Fe (%)
Crown Prince	Dev. Prospect	0.067							50.0
Iron Chief	Dev. Prospect	0.181							72.0
Blue Grouse	Past Producer	0.249	2.73					10.1	
Rob	Past Producer	0.005	1.33						
Glengarry	Past Producer	0.057							40.0
Indian Chief	Past Producer	0.074	1.50				0.30	23.2	
Brown Jug	Dev. Prospect	1.000							35.0
Brynnor	Past Producer	4.481							67.2
Iron Hill	Past Producer	3.657							54.4
Iron Mountain	Dev. Prospect	0.250							50.0
Iron Mike	Past Producer	0.169							66.8
Little Lake	Dev. Prospect	2.846	0.03						47.8
Iron Crown	Past Producer	2.176							58.6
Old Sport	Past Producer	2.621	1.57				1.47	4.48	19.3
Shamrock	Dev. Prospect	0.180							26.0
Merry Widow	Past Producer	3.372							49.7

Vancouver Island Deposit	MINFILE Class	Million Tonnes	Cu (%)	Pb (%)	Zn (%)	Mo (%)	Au (g/t)	Ag (g/t)	Fe (%)
Yreka	Past Producer	0.145	2.71				0.34	31.2	
Pilgrim	Dev. Prospect	0.096			8.86		0.03	32.6	
Caledonia	Dev. Prospect	0.068	6.10	0.60	7.45		0.34	704	
Hep	Dev. Prospect	0.045	0.80						
Bensen Lake	Past Producer	0.064	1.92				0.97	7.59	
Island Copper	Past Producer	363.4	0.34			0.01	0.10	0.81	
Steele Creek	Past Producer	0.005	2.48					8.72	
Red Dog	Dev. Prospect	25.00	0.44			0.01	0.44		
Smith Copper	Dev. Prospect	0.084	1.69	3.70	12.5			64.4	
Hushamu	Dev. Prospect	173.2	0.27			0.01	0.34		

It should be noted the information presented in Table 4 is not necessarily indicative of the mineralization on the Nahmint property that is the subject of this technical report. Immediately on* or near the crown grants and the Nahmint property are five additional past producers, all of the copper-gold-silver skarn deposit type, and all directly related to Island Intrusive Suite rocks, shown in Table 5 as follows (from MEMPR Annual Reports):

Table 5 – Past Producers on* or near Nahmint Property

Nahmint Property Area	Class	Tonnes	Years	Cu (%)	Au (g/t)	Ag (g/t)
Monitor*	Past Producer	1,288	1900-1918	9.08	0.05	28.8
Southern Cross	Past Producer	290	1905-1906	2.10		17.7
Sunshine*	Past Producer	5	1916	17.38		43.6
Three Jays*	Past Producer	1,981	1898-1902	7.52	0.97	38.0
Cascade	Past Producer	113	1904-1905	12.95		28.6

Deposit Types

Copper, Gold and Iron Skarn mineralization as well as marble deposits in the Nahmint property area appear to have formed where the Island intrusives occur near the lower contact of the Quatsino limestone with the underlying Karmutsen volcanics. Evidence of this lithologic relationship is both geological through regional mapping and geophysical through aeromagnetics. No diamond drilling has been documented. No mention of porphyry copper mineralization has been documented on the Nahmint property but neither have such deposits been targeted by explorationists. Sedimentary limestone deposits consist of the extensive exposures of the Quatsino limestone unit.

Descriptions of copper-gold-silver mineralization in the Nahmint property area are based primarily on historical data compiled in the B.C. Minister of Mines reports from 1898 to 1918, when all sixteen documented skarn occurrences were discovered by prospecting, many were explored by shallow excavations and a few selectively mined.

Only six assessment reports exist of work by explorationists from 1965 to 1989. Since most of the work was done on crown granted mineral claims which did not require assessment work, many details of the deposits and excavations are largely unknown. In the modern context of mineral deposits models, descriptions of the sulphide mineralogy of these skarn occurrences appear to represent mixed variations of three end-member types with local examples as follows:

- Copper Skarns – mainly chalcopyrite with minor pyrrhotite, pyrite, magnetite, bornite (ie. Monitor, Happy John, Southern Cross, Torse, Sunshine, Three Jays, Ocean Wave, Saucy Lass, Cascade, Ivanhoe, Orphan Boy, Rainy Day)
- Gold Skarns – mainly pyrrhotite with minor bornite, chalcopyrite, pyrite, magnetite (ie. Silver King)
- Iron Skarns – mainly magnetite with minor chalcopyrite, pyrrhotite, pyrite, bornite (ie. Defiance, Black Prince, J & S)

These may actually represent mineral zonation variations within individual deposits or clusters, which is also typical of skarns. Early workers appeared to target primarily high grade copper skarns as direct shipping ore, so pyrrhotite-rich gold skarns may have received less attention, similar to the iron skarns. Gangue mineralogy and deposit shapes are also highly variable, and are dependent on whether they are endoskarns (within the intrusives) or exoskarns (within the surrounding volcano-sedimentary rocks).

Mineralization

Mineralization observed, mapped and/or sampled both on the crown grants and on the surrounding cell mineral claims of the Nahmint property by the author and other workers on the property in 2007 and 2008 appears consistent with the historical descriptions of mineralization by previous workers. Key points observed by the author and others and rounded values of significant elements selected from the geochemistry analyses from the mineralized exposures consist of the following:

Mark Murray Road-cut (UTM 356847E, 5428456N, 402 m. elevation)
On June 14, 2007 the author was assisted by Mr. Daniel McMaster in hand trenching, geological mapping and rock sampling the recently identified Mark Murray showing, located in the road bed of the Sing Main Road on the site of forfeited Green Mountain crown granted mineral claim covered by cell mineral claim 525102. This occurrence may have been previously discovered and documented by the authors of assessment report 15199. Select outcrop grab sample 362651 contains 5-40% magnetite, 5-20% chalcopyrite, 5% pyrrhotite/pyrite and up to 5% bornite in semi-massive bands and stockwork stringers, with gangue mineralogy consisting of garnet, pyroxene and chalcedonic quartz. The sample yielded 1.9% copper, 0.26% zinc, 4.1 g/t silver, 28% iron and 6% calcium from a minimum 0.2 m. thick Fe/Cu endoskarn exposed in over 2 by 2 metres and oriented at 060^0/ 30^0 along a sheared intrusive contact. The zone may be thicker but its lower contact was not exposed. On July 2, 2008 Mr. Dan Berkshire, prospector, re-sampled the showing, obtaining selected grab sample 813603 from a 1.5 m. thick Fe/Cu skarn at the contact @ $315^0/90^0$ between limestone and shattered volcanics, containing banded to semi-massive sulphides including 25% pyrrhotite, 10% chalcopyrite, 5% sphalerite?, 5% brown sulphide?, trace bornite, 25% magnetite and 25% chlorite, which yielded 0.84% copper, 1.8 g/t silver, 25% iron, and 12% calcium.

Sunshine Adit (UTM 354329E, 5430066N, 289 m. elevation)
On June 21, 2007 the author and Mr. Daniel McMaster completed a short prospecting traverse from the Har Main Road to a shallow shaft, short adit and muck pile of the Sunshine occurrence, where hand trenching, geological mapping and rock sampling (4 samples) were completed. The site is located on the forfeited Sunshine No.1 crown granted mineral claim, now covered by cell mineral claim 525109, and may represent part of the Sunshine MINFILE 092F129 developed prospect. Select grab sample 362652 contains 20-40% pyrrhotite/pyrite, 1-10% chalcopyrite, 1-10% bornite, 5% magnetite as fractured aggregates and stockworks with gangue mineralogy consisting of actinolite, pyroxene, garnets and chalcedonic quartz. The sample yielded 0.41% copper and 30% iron from a 1 m. thick iron/copper endoskarn oriented at $170^0/90^0$ along a sheared intrusive contact and exposed in the north side of a 1.5 m. deep shaft. Select grab sample 362653 contains 5-75% pyrrhotite, 5-10% chalcopyrite and up to 5% bornite as zoned stockwork stringers, with gangue mineralogy consisting of actinolite, garnets and pyroxene. The sample yielded 3.7% copper, 8.7 g/t silver, 37% iron and 2.3% calcium from a 1.0 m. thick copper endoskarn exposed over 7 m. along the back of the adit oriented @ $350^0/70^0$ along a sheared intrusive contact. Select grab sample 362654 taken from a 0.5 m. deep and 2 m. diameter overgrown broken rock pile near the adit and contains 40% chalcopyrite, 20% bornite and 10% pyrrhotite as semi-massive and banded sulphides, with gangue mineralogy consisting of garnets, pyroxene and chalcedonic quartz. This sample yielded 15% copper, 0.39% zinc, 29 g/t silver, and 36% iron.

Sunshine Creek (UTM 354075E, 5430461N, 278 m. elevation)
On September 13, 2007, the author was accompanied by Mr. Herb W. McMaster in prospecting, geological mapping and rock sampling of previously undocumented skarn mineralization exposed in rock cuts and creek beds along the Har Main Road on the contiguous forfeited Fern and Wasp crown granted mineral claims now covered by cell mineral claim 525109. Select grab sample 362672 was taken from a 1.0 m. thick copper/iron endoskarn oriented at $125^0/30^0$ and exposed over a 5 metre strike length between a massive garnetite hangingwall and a vuggy limestone footwall in a creek bed just upstream from the Sing Main Road Bridge. The sample contains 20% pyrite, 5% chalcopyrite, 5% magnetite, 1% bornite and 5% garnets, and yielded 39% iron and 7.5% calcium. Select grab sample 362673 was taken from a 0.2 m. thick sheared copper endoskarn/vein oriented at $070^0/75^0$ which may offset the northwest projection of the zone sampled in 362672 to the northeast, exposed in the north side of the same creek. The sample contains 1% chalcopyrite, 1% bornite, 0.5% malachite, 70% garnets, 10% chalcedonic quartz, 10% calcite and 5% tourmaline, and yielded 0.33% copper, 16% iron, and 16% calcium. Select grab sample 362674 was taken from a 0.5 m. thick skarn halo along a contact at $160^0/90^0$ between massive garnetite to the east and limestone bedded at $115^0/20^0$ to the west exposed in the centre of the same creek five metres west of sample 362673. The sample contains 15% stockwork stringers consisting of 10% hematite, 4% pyrite, and 1% chalcopyrite and trace bornite with gangue mineralogy consisting of marble/limestone, epidote, actinolite and garnets. Sample 362674 yielded 5.2% copper, 0.10% zinc, 13.7 g/t silver, 0.24 g/t ppb gold, 23% iron, and 11% calcium.

Orphan Boy Adit (UTM 352454E, 5434054N, 156 m. elevation)
On September 10, 2007 the author was accompanied by Mr. Herb W. McMaster in prospecting, geological mapping and rock sampling of previously undocumented skarn mineralization exposed in rock cuts along the Sing Main logging road on the contiguous forfeited crown granted mineral claims Belvidere, Santa Cruse and Tortilla near the

Orphan Boy 092F209 MINFILE occurrences now covered by cell mineral claim 543420. Select grab sample 362656 was taken from a 0.25 m. thick iron/copper exoskarn oriented at $335^0/25^0$, exposed over 10 m. strike length and hosted by a fine grained, foliated and pyritic rock within brecciated limestone in a rock cut. The sample contains 10-50% pyrite and 1-5% chalcopyrite as veinlets, stockworks and disseminations, with gangue mineralogy consisting of epidote and quartz stockwork stringers, and yielded 13% iron, 3.8% calcium, and 459 ppm barium. Select grab sample 362657 was taken from a 0.05 m. thick copper endoskarn/vein oriented at $305^0/70^0$, exposed over 10 m. strike length and hosted by a felsic intrusive rock in a rock cut. The sample contains rusty and vuggy semi-massive sulphides consisting of 25% chalcopyrite and 15% pyrite, with gangue mineralogy consisting of garnets and epidote, and yielded 24 ppm molybdenum, 15% copper, 5.0 g/t silver, 13% iron, and 3.1% calcium. Select grab sample 362658 was taken from a 1.5 m. thick iron/copper endoskarn oriented at $155^0/50^0$, exposed over 20 m. strike length in the road bed and in the adjacent rock cut which excavated an old adit oriented at 050^0 Azimuth. The adit was apparently driven along the footwall contact of a fault oriented at $075^0/70^0$ which apparently offsets the skarn eastwards, and has a mafic intrusive hangingwall and a garnetite footwall. The sample contains 25% pyrite, 5% chalcopyrite as fracture fillings and aggregates within 25% magnetite, with gangue mineralogy consisting of mainly garnets and minor epidote, and yielded 50 ppm molybdenum, 3.4% copper, 3.5 ppm silver, >100 ppm selenium, and 15% iron. Select grab sample 362659 was taken from a copper endoskarns/porphyry oriented at $110^0/90^0$, exposed over 10 m. in a rock cut hosted by pyritic, silicified, foliated and fractured feldspar porphyritic intrusive. The sample contains 10% sulphides in aggregates consisting of 9% pyrite, 1% chalcopyrite, with gangue mineralogy consisting of 50% quartz eyes and stockworks and 25% epidote, and yielded 0.21% copper, 9.6% iron, and 21% calcium.

Monitor Area Trench (UTM 357989E, 5427780N, 157 m. elevation)
On October 15, 2007, the author was accompanied by Mr. Mark Murray on a prospecting traverse from the shore of the Alberni Inlet on the Nahwitka, Monitor No.1 and Monitor No. Fraction crown granted mineral claims of the Monitor Group. Two samples were taken one each from separate boulders in the east side of an overgrown broken rock pile forming one of two parallel rock walls adjacent to an overgrown 2 m. wide and 5 m. deep trench oriented at 185^0 Azimuth. The site had been helicopter logged in recent years, and a functional helicopter pad was located 60 metres east and 20 metres up-hill of the trench. Select grab sample 362676 is a copper/iron endoskarn containing 5% tetrahedrite, 5% chalcopyrite, traces of malachite, bornite, sphalerite and galena, and 15% magnetite rimmed with hematite, and with gangue mineralogy consisting of 60% garnets and 10% calcite. The sample yielded 0.68% copper, 0.18% lead, 3.7% zinc, 12 g/t silver, 16% iron, and 17% calcium. Select grab sample 362677 is an iron/copper exoskarn containing 10% chalcopyrite, 2% pyrite, 1% tetrahedrite, traces of malachite and bornite, and 60% magnetite rimmed with hematite, with gangue mineralogy consisting of garnets and epidote. The sample yielded 13 ppm molybdenum, 5.0% copper, 0.13% zinc, 23 g/t silver, 31% iron, and 3.1% calcium.

Ocean Wave Road Cut (UTM 352455E 5434555N 362 m. elevation)
On July 22, 2008 and again on July 24, 2008, the author was accompanied by Mr. Herb W. McMaster in geological mapping and rock sampling previously undocumented skarn mineralization exposed in a rock cut along the east side of a logging road branching north from the Sing Main logging road, east of Ocean Wave MINFILE 092F142 and on forfeited crown granted mineral claim Big Bear, now covered by cell mineral claim

543420. A select outcrop sample 813554 was taken by the author from a 0.5 m. thick copper skarn vein @ $050^0/90^0$ cutting felsic intrusive with adjacent marbleized limestone, containing 35% garnets, 30% magnetite, 15% pyrite and 5% chalcopyrite, yielded 0.67% copper, 3.5 g/t silver, 29% iron, and 15% calcium. Another select outcrop grab sample 813555 was taken by the author from 0.5 m. thick copper skarn 30 m. north of sample 813554 along a contact @ $340^0/15^0$ between overlying marbleized limestone and underlying felsic intrusive, containing 20% actinolite, 25% chlorite, 10% garnets, 25% magnetite and 10% chalcopyrite, yielded 2.8% copper, 10.2 g/t silver, 25% iron, and 6.1% calcium. Another select outcrop grab was taken by the author 5 metres uphill from sample 813554 and 30 metres north of sample 813555 from the same sheared and rusty contact-controlled copper skarn exposed over 0.25 m. thick @ $320^0/20^0$, containing 65% quartz and 15% sulphide clusters consisting of 5% pyrite, 3% possible tetrahedrite and 1% chalcopyrite, which yielded 5.3 ppm molybdenum, 0.34% copper, 0.09% zinc, 6.2 g/t silver, 23% iron, and 3.6% calcium.

Black Prince Area:

On July 25, 2008 the author was accompanied by Mr. Mark Murray in traversing, prospecting, geological mapping and rock sampling mainly along overgrown logging roads in the general area of the Black Prince MINFILE092F096 Fe skarn showing, with mineralization documented as follows, all situated on cell mineral claim 525109:

Sample 813564 (UTM 10N 355094E 5431602N 568 m. elevation)
A select float grab from road blast was taken by the author from a 0.25 m. thick rusty, malachitic boulder of iron/copper skarn containing 25% magnetite, 50% pyrite and 5% chalcopyrite, which yielded 0.07% copper, 48% iron, and 5.0% calcium.

Sample 813568 (UTM 10N 354118E 5430874N 402 m. elevation)
A select outcrop grab was taken by the author from a 0.25 m. thick iron/copper skarn @ 180/30 hosted by felsic intrusive exposed in a road cut, containing 10% garnets, 35% actinolite, 40% magnetite and 5% chalcopyrite, which yielded 33 ppm molybdenum, 1.85% copper, 7 g/t silver, 48% iron, and 5.5% calcium.

Sample 813569 (UTM 10N 354016E 5430755N 361 m. elevation)
A select outcrop grab was taken by the author from a 0.5 m. thick, locally rusty and vuggy iron/copper skarn @ 195/80 adjacent to a 3 m. thick silicate skarn hosted by limestone exposed in a road cut, containing 75% magnetite, 3% pyrite, 7% chalcopyrite and traces of bornite, which yielded 52 ppm molybdenum, 0.91% copper, 0.02% zinc, 2 g/t silver, 51.5% iron, and 2.1% calcium.

Three Jays Area:

#1 Tunnel Portal (UTM 362314E, 5433841N, 525 m. elevation)
On September 11, 2007 the author was accompanied by Mr. Mark Murray in a prospecting traverse from logging roads on cell claims 525111 and 525100 and forfeited Viking crown granted mineral claim to the No.1 Tunnel portal on the adjacent Three Jays No.2 crown granted mineral claim of the Three Jays Group. Select grab sample 362660 was taken from a 0.2 to 2 m. thick copper/zinc exoskarn oriented at $180^0/70^0$ and cut by a fault at $220^0/40^0$ along the west rib of the portal collar. The sample contains variable semi-massive sulphides as ovoid aggregates consisting 10-50% chalcopyrite, 5-15% pyrite, 5-75% sphalerite, with gangue mineralogy consisting of banded limestone and

garnets, but yielded only 191 ppm copper, 6.2% iron, and 1.3% calcium. During the period October 20-23, 2008, Mr. Andris Kikauka, P.Geo. was accompanied by Mr. Mark Murray traversing along flagged trails on cell mineral claim 525100 to undertake a due diligence program consisting of rock and soil sampling, and a magnetometer survey on the Three Jays No.2 crown granted mineral claim. Mr. Kikauka took a select grab sample TJ08AR4 from the same site as did the author, consisting of a 1 m. thick copper skarn containing epidote, garnet, actinolite, chalcopyrite, pyrite and magnetite, which yielded 3.1% copper, 0.051% zinc, 36 g/t silver, 185 ppb gold,15% iron and 3.9% calcium.

Shaft Area (UTM 362382E 5433867N 576 m. elevation)
Mr. Kikauka took a select sub-crop rock grab sample TJ08AR2 from near the Three Jays Shaft, from a 0.15 m. thick skarn boulder containing epidote, garnet, actinolite, chalcopyrite, pyrite and bornite, which yielded 7.2% copper, 0.043% zinc, 17 g/t silver, 45% iron, and 5.5% calcium.

Shaft Dump Area (UTM 362280E 5433860N 575 m. elevation)
Mr. Kikauka took three select rock dump samples, which probably originated from the underground workings of the former Three Jays prospect, from an area of 60 m. by 20 m. and ranging in elevations from 540 to 600 m. Sample TJ08-AR1 yielded 32 ppm molybdenum, 0.45% copper, 2.2 g/t silver, 15% iron and 15% calcium. Sample TJ08-AR3 yielded 20% copper, 0.092% zinc, 22 g/t silver, 250 ppb gold, 17% iron and 1.3% calcium. Sample TJ08-AR5 was taken from a 1 m. thick skarn boulder containing epidote, garnet, actinolite, chalcopyrite, pyrite and magnetite which yielded 33 ppm molybdenum, 0.20% copper, 0.01% zinc, 5.8 g/t silver, 390 ppb gold, 30% iron and 4% calcium.

Exploration

The summer 2008 work program planned, supervised and in part conducted by the author was the first systematic exploration program undertaken on the Nahmint Property since its inception in 2006. Four prior work programs undertaken on selected portions of the Nahmint property by the author or Mr. Herbert W. McMaster in 2006, 2007 and early 2008 (see Table 3 in History section) were preliminary in nature and completed both to fulfill mineral claim assessment requirements and also to help establish parameters and priorities for future exploration work programs. The program documented in this report consisted of property-wide prospecting, rock sampling and stream moss mat sampling, with 6 people using primarily all terrain vehicles for access along the extensive logging road network, working for 5 days based from of a temporary trailer camp located on the property. Three people involved in previous work programs on the Nahmint Property were also involved in the 2008 program, providing project continuity. Personnel involved in the 2008 program and their positions and responsibilities were as follows:

- Jacques Houle, P.Eng. – Project Manager – Mapping and Rock Sampling
- Dan Berkshire - Camp Manager, Prospector – Prospecting, Rock Sampling
- Herb McMaster – Prospector – Prospecting, Trail clearing and rehabilitation
- Mark Murray – Prospector – Prospecting, Trail clearing and rehabilitation
- Ken Porteous – Geologist – Stream Moss Mat Sampling
- Connor Porteous – Student – Stream Moss Mat Sampling

During the summer 2008 program, 45 rock samples and 44 stream moss mat samples were taken, and have been combined with previous GPS-located samples consisting of 17 rocks and 11 moss mats to establish a substantial geochemistry database for the property for the first time. In the fall of 2008, Mr. Andris Kikauka, P.Geo. was engaged to undertake a due diligence field program in the Three Jays area of the Nahmint Property by Torch River Resources Ltd., who subsequently completed an option agreement with Nahminto Resources Ltd. to earn an interest in the Property. Mr. Kikauka, accompanied and assisted by Mr. Mark Murray, took 5 GPS-controlled rock samples and established a GPS-controlled flag grid, on which he took soil samples at 90 grid locations, and magnetometer readings at 173 grid locations, and provided the author with data for addition to the property database, and inclusion in this report.

The rock sample microscopic descriptions of saw-cut 1-3 cm. thick specimens from reference samples for the rock samples taken during the summer 2008 program were completed by the author and appear with locations and geochemistry results added to the three tables contained and appropriately labeled in Appendix 1. The rock samples taken by Mr. Kikauka during the fall were added to both the same location and geochemistry tables in Appendix 1, but rock descriptions are not available for these samples. The stream moss mat samples taken during the summer 2008 program appear with locations and geochemistry results added to the two tables contained and appropriately labeled in Appendix 1. In addition, stream pH readings were taken at the 2007 stream moss mat sample location sites as well. The soil samples taken by Mr. Kikauka are included in separate location and geochemistry tables in Appendix 1. The magnetometer data taken by Mr. Kikauka are included a separate table in Appendix 3. Analytical certificates and methods and specifications used by the analytical laboratories appear in Appendix 2.

Geochemistry results for selected elements of potential economic interest, or of use as pathfinders to them, are presented in the report figures at appropriate scales. Separate figures are presented for each media sampled (rock, stream moss mat or soil samples) and for each element of potential interest. Samples taken in 2008 and covered by this report are differentiated from but included with previous samples taken on the Property. Also included is a map of the contoured magnetic data collected by Mr. Kikauka.

Drilling

No drilling has been done by Nahminto on the crown granted mineral claims or the Nahmint property to date, nor has any drilling been documented historically in the area.

Sampling Method and Approach

Prospecting and rock sampling work completed over the Nahmint Property by the author or Mr. Dan Berkshire during the summer 2008 program consisted of systematic location, observation and description of any mineralized outcropping bedrock exposures, and generally select outcrop grab sampling of each site of potential interest using a calibrated, hand-held Garmin GPS for 3-D location control. Mr. Ken Porteous also took select grab samples of mineralized bedrock exposures encountered in creek beds while undertaking the stream moss mat sampling program. The rock samples were taken in

duplicate, one from each of the 45 sample pairs which the author cut with a rock saw, and inspected and described using a binocular microscope and retained by the author in secure custody; and the other 45 sample pairs were sent to Acme Analytical Laboratories Ltd. in Vancouver for 40 element Group 7TX ICP analysis plus gold, platinum and palladium Group 3B assay, and dried sample weights were recorded.

Stream moss mat sampling completed over the Nahmint Property by Mr. Ken Porteous and Mr. Connor Porteous during the summer 2008 program consisted of selecting sample sites on as many as possible accessible and widely spaced stream locations on the property using a calibrated, hand-held Garmin GPS for 3-D location control. At each of the 44 sample sites, sediment-laden moss was collected from the surfaces of boulders within the stream bed between high and low water marks, and site characteristics recorded. The timing of the sampling program coincided with the lowest stream flow conditions of the year, allowing safe and effective access to the stream beds, some of which were actually dry. At each of the sample sites where water was available, including the 2007 sample sites, stream water pH readings were taken using a calibrated, hand-held Hanna pH meter. The moss mat samples were taken in duplicate, and both sample pairs were tied together, air-dried, and sent to Acme Analytical Laboratories Ltd. in Vancouver for 34 element Group 7AX ICP analysis, plus gold, platinum and palladium Group 3B assay, plus Loss on Ignition (LOI), and dried sample weights were recorded.

Prospecting, rock and soil sampling and magnetometer surveying done by Mr. Andris Kikauka during the fall 2008 program were all presumably conducted to industry standards, with no reason known by the author to indicate otherwise. Rock samples are described as chip samples, and were taken either from mineralized float material in rock dumps, or from natural or blasted outcrops near the mine workings of the Three Jays No.1 Tunnel and Shaft. A flag grid was established by Mr. Kikauka using the assumed shaft as the origin at station 5100E 5100N, with GPS 2-D control, and 7 north-south lines spaced 50 metres apart with stations every 25 metres, totaling 2.1 kilometres. Soil samples were taken at every station where available, at depths of 25 to 45 centimetres below surface, using a mattock to excavate the samples, but soil descriptions are not available. Both the rock and the soil samples were sent to Pioneer Laboratories Inc. in Richmond for 29 element ICP analysis, plus gold by atomic absorption. Magnetometer readings were taken every 12.5 metres along each of the grid lines using a GEM GSMT-19 v.6 proton magnetometer, with diurnal correction completed by looping.

Sample Preparation, Analyses and Security

The duplicate rock samples taken during the summer 2008 program were taken either by or under the supervision of the author, with sledge hammers and moils which were cleaned between each sample site. Each duplicate rock sample was placed in a separate, new plastic sample bag into which one each of the two removable pre-numbered Acme 3-part sample tags were inserted, and sealed using plastic cable ties to prevent spillage and contamination. One rock sample bag from each sample pair was opened and one or more reference pieces were cut from each piece with a rock saw, which was cleaned between each sample. Samples intended for analyses remain sealed and were shipped by Greyhound Bus Parcel Express from Nanaimo to Acme Analytical Laboratories Ltd.'s Vancouver facility. The author maintained secure custody of these samples until shipped, and of reference specimens at all times.

The stream moss mat samples taken during the summer 2008 program were taken under the supervision of the author. At each of the selected moss mat sample locations, two new cloth fibre sample bags were filled with sediment laden moss taken from surfaces of rocks in the stream bed between the high and low water marks. One each of the two removable pre-numbered parts of Acme 3-part sample tags were inserted into each bag, which were tied shut and then tied together to form a sample pair. These samples were dried in the temporary trailer camp, and shipped by Greyhound Bus Parcel Express from Nanaimo to Acme Analytical Laboratories Ltd.'s Vancouver facility. The author maintained secure custody of these samples until shipped.

Acme Analytical Laboratories (Vancouver) Ltd. is compliant with the ISO 9001:2000 Model for Quality Assurance, and has been accredited under ISO 9002 since 1996. Acme is a participant in the CALA (Canadian Association for Laboratory Accreditation) Proficiency Testing Program, and in the CANMET and Geostatistical round robin proficiency tests, and is registered by the BC Ministry of Water Land and Air Protection under the EDQA Regulation.

Due to budgetary limitations of the summer 2008 program, no independent quality control measures, duplicates, standards, blanks or other check analytical and testing procedures were utilized by the author, who relied exclusively on the internal QA/QC measures employed by Acme. However, these are considered adequate for the non-representative rock samples and moss mat samples taken to date. It is planned to create property standards, to obtain blank material, and to send duplicate pulps to alternate laboratories in any significant future sampling programs, particularly if representative outcrop chip samples are taken.

In the fall 2008 program, Mr. Kikauka presumably used industry standard rock and soil sampling techniques, with no reason known by the author to indicate otherwise. Pioneer Laboratories Inc. is not listed as a member or participant in CALA. However, the methods used by Pioneer to analyze the samples taken by Mr. Kikauka appear to be industry standard methods, and there is no reason known by the author to indicate any problems with their results. Mr. Kikauka verified low magnetic storm activity with National Research Canada for the period of October 22 and 23 when the magnetometer survey was conducted.

Data Verification

The selected outcrop sampling, rock sample descriptions and geochemistry results documented in this report and prior reports by the author serve to verify the existence of skarn mineralization on the Nahmint property. The rock sample geochemistry results reported by Mr. Kikauka from the Three Jays area confirm the presence of similar mineralization, and his magnetometer readings suggest the presence of magnetite.

Adjacent Properties

The Nahmint property completely surrounds the Handy Creek property covered by cell mineral claim 550478, which covers the Handy Creek MINFILE 092F475 limestone showing. There are no other contiguous adjacent properties as of the date of this report.

Mineral Processing and Metallurgical Testing

No mineral processing or metallurgical testing has been completed by Nahminto or Torch River to date, nor is any documented from historical work on the various mineral occurrences covered by the Nahmint property. All five local past producers were direct shippers of high grade copper mineralization to the smelters at Tacoma, Washington (now closed) or at Trail, B.C., according to the records in MEMPR Annual Reports.

Mineral Resource and Mineral Reserve Estimates

No mineral resource or mineral reserves estimates have been completed by Nahminto or Torch River to date. Some historical estimates have been documented for some of the crown granted mineral claims, but are not compliant with NI 43-101 and neither the author nor the company have verified them. For these reasons the estimates made by others in the past are not included in this report.

Other Relevant Data and Information

The Nahmint property represent a large, attractive early stage exploration project, with multiple clusters of skarn occurrences in a geological setting similar to active and successful mining districts elsewhere. However, the social license to develop and operate a mine is not guaranteed to the mineral tenure holder anywhere, including on Vancouver Island. The only metal mine on Vancouver Island is currently on care and maintenance status, and no new metal mine has been permitted since the 1960's. It is also possible that local surface tenure holders, recreation/conservation groups and/or communities may actively and successfully oppose future mine development in the area of the Nahmint property. Finally, the treaty process between all First Nations and federal and provincial governments is still in progress with no final treaties anticipated for some time for all First Nations with traditional territory in the area of the Nahmint property. Co-operation agreements between local First Nations bands and any new mine proponent are usually required to develop a mineral property today in B.C. However, it is assumed under the B.C. government's 2-Zone model that the Nahmint property is available for future exploration, development and mining, and that the B.C. Ministry of Energy Mines and Petroleum Resources will act as an effective advocate and permitting authority on behalf of any proponent who follows its laws and regulations required during all stages of any future work on the Nahmint property.

The author is not aware of any other information, the absence of which would make this report incomplete or misleading.

Interpretation and Conclusions

As a result of the 2008 work programs, the Nahmint Property has a meaningful geochemical database of widespread stream moss mat and rock samples, and geographically focused soil samples. It is deemed appropriate to interpret and to draw conclusions from the entire geochemical database along with the results from the 2008 work programs, and the limited geophysical program as well.

Stream Moss Mat Sample Results:

- 55 samples collected and analyzed (2007-2008), with stream pH values for 40 of 55
- 31 (56%) contain elevated values in at least one of the target or indicator metals: gold (>20 ppb), copper (>100 ppm), molybdenum (>5 ppm), zinc (>200 ppm), nickel (>100 ppm) or cobalt (>100 ppm), using lower thresholds than for rock samples
- 11 (20%) contain elevated values in at least two of the target or indicator metals
- 3 (5%) contain elevated values in at least three of the target or indicator metals
- 1 (2%) contains elevated values in four of the target or indicator metals

The presence of elevated values in metals of potential economic interest and/or indicator elements (gold, copper, molybdenum, zinc, nickel, cobalt) in multiple moss mat samples is considered positive. Based on these results, 28 of 31 sample locations with elevated values may warrant follow-up work. Highest priority are 9 of the 11 sample sites exhibiting elevated values in multi-elements, plus 1 sample site exhibiting the highest single element value in gold; of these 10 sites, 6 occur in clusters of 3 sites each suggesting common or large sources, also positive, and all 10 sample sites warrant follow-up prospecting and detailed stream moss mat sampling up upstream from the sample sites, as follows:

- **813701** – in west-flowing creek east and uphill from Ocean Wave and Orphan Boy occurrences in the western portion of the Property – 7.6 ppm Mo, 557 ppm Zn, 125 ppm Ni – highest Mo value of any site
- **813655** – near headwaters of Cass Creek in west-central portion of the Property – 93 ppb Au, 5.5 ppm Mo
- **813658** – near northern headwaters of Handy Creek in north-central portion of the Property near magnetic high – 22 ppb Au, 141 ppm Cu
- **813662** – part of 3 site cluster near 813658 and 813706 – 23`ppb Au, 111 ppm Cu
- **813706** – part of 3 site cluster near 813658 and 813662 – 46 ppb Au, 144 ppm Cu
- **813664** – in eastern headwaters of Handy Creek west of Three Jays occurrence in the east-central portion of the Property – 20 ppb Au, 4.7 ppm Mo, 115 ppm Cu, 282 ppm Zn – only site with 4 elevated element values
- **813666** – part of 3 site cluster near 813664 and 813708 – 163 ppb Au – highest Au value of any site
- **813708** – part of 3 site cluster near 813664 and 81366 – 27 ppb Au, 158 ppm Cu
- **813714** – along west flowing tributary along east side of Handy Creek in the southeast portion of the Property – 69 ppb Au, 143 ppm Cu
- **813716** – along southwest flowing creek uphill of Southern Cross and Silver King occurrences in the southern portion of the Property – 6.6 ppm Mo, 412 ppm Zn

The following 3 sample sites exhibiting elevated values in multi-elements or the highest value for a single target element do not warrant follow up work at this time for specific reasons as follows:

- **362661** – immediately downstream of Sunshine Creek Cu skarn occurrence which adequately explains the elevated values – 187 ppm Cu, 280 ppm Zn
- **813681** – downhill of Saucy Lass Cu skarn showing in the No Staking Reserve beyond the Property Boundary - 235 ppm Cu – highest Cu value of any site
- **813680** – downhill of Torse prospect in the No Staking Reserve beyond the Property boundary – 48 ppb Au, 132 ppm Cu, 666 ppm Zn – highest Zn value of any site

Rock Sampling Results:

- 88 samples collected and analyzed (2006-2008) of which 67 have GPS co-ordinates
- 42 (48%) samples have copper values above 500 ppm, of which 19 (22%) contain high copper exceeding 1%; copper occurs mainly as chalcopyrite, with minor bornite
- High copper samples generally contain 10-50% Fe which occurs mainly as magnetite
- High copper samples generally contain elevated (1-10%) sulphur and calcium values
- High copper samples often contain elevated values of molybdenum (>10 ppm), zinc (>500 ppm), cobalt (>100 ppm), silver (>10 ppm) and occasionally gold (>50 ppb)

The presence of elevated (>500 ppm) copper values in rock samples, combined with elevated values in metals of potential economic interest (iron, molybdenum, zinc, cobalt , silver, and perhaps gold) confirm both grades and geochemical signatures typical of skarn type mineralization. These samples should not be assumed as representative of the in-situ grades, but rather as character samples of the local mineralization exposed, referred to by the author as select grab samples. None of the exposures were adequate to permit representative chip sampling over their full widths. Future hand or power trenching and power washing would permit representative sampling of the bedrock exposures, which combined with geological mapping and diamond drilling could permit the definition of mineral resources for at least some of the skarn deposits. The likelihood of establishing mineral resources, if at all, cannot be quantified.

Based on rock sampling results obtained to date, 8 prospective areas have been successfully located in the field, verified by positive outcrop and some float grab sampling results, which warrant detailed follow-up exploration, with highlights as follows:

- **Three Jays Area** – although the principal historical workings have not yet been thoroughly investigated, a rock chip sample was taken from a Cu skarn exposed the west rib of the No.1 Tunnel portal – up to 3.1% copper, 36 g/t silver, 0.185 g/t gold, 15% iron – exposed over 1.0 m. thickness and 3 metres strike length

- **Monitor Area** – although the principal historical workings have not yet been located, float grab samples from Fe/Cu skarn boulders were found adjacent to an old trench in recently logged area near a helicopter pad – up to 5.0% copper, 13 ppm molybdenum, 3.7% zinc, 23 g/t silver, 31% iron

- **Sunshine Adit Area** – Cu skarn sampled in back of old shallow adit in dense second growth forest 125 metres northeast of Har Main Road – up to 3.7% copper, 755 ppm zinc, 1199 ppm cobalt, 8.7 g/t silver, 37% iron exposed over 1.0 metres thickness and 7 metres strike length

- **Sunshine Creek Area** – Cu skarn sampled in the bed of an un-named creek which is on the east side of and flows west into Cass Creek, located just upstream of stream moss mat sample site 362661 and a bridge along the north extension of Sing Main Road – up to 5.2% copper, 0.1% zinc, 13.7 g/t silver, 0.24 g/t gold, 120 ppm cobalt, 23% iron – exposed over 0.5 metres thickness and 3 metres strike length

- **Orphan Boy Area** – Cu skarn sampled on Sing Main Road – up to 3.4% copper, 50 ppm molybdenum, 146 ppm cobalt, 3.5 g/t silver, 15% iron exposed over 1.5 m. thickness and 20 metres strike length

- **Ocean Wave Area** – Cu skarn sampled on truck-accessible logging road north of Sing Main Road – up to 2.8% copper, 0.09% zinc, 118 ppm cobalt, 10.2 g/t silver, 25% iron exposed over 0.5 metres thickness and 5 metres strike length

- **Black Prince Area** – Fe/Cu skarn sampled on overgrown logging road north of Sing Main Road – up to 1.85% copper, 33 ppm molybdenum, 7 g/t silver, 249 ppm cobalt, 48% iron exposed over 0.25 metres thickness and 3 metres strike length

- **Mark Murray Area** – Fe/Cu skarn sampled on Sing Main Road – up 1.9% copper, 14 ppm molybdenum, 632 ppm cobalt, 0.26% zinc, 4.1 g/t silver, 28% iron exposed over 0.2 metres thickness and 4 metres strike length

In addition, additional prospecting, and possible follow-up exploration is warranted to relocate, verify and sample the following three documented MINFILE occurrences:

- **Defiance Prospect** – Fe skarns located east and downhill from the Sing Main Road along an un-named creek which flows into Handy Creek from the west

- **Happy John Showing** – Cu skarns located south of and downhill from the Defiance also along the west side of Handy Creek

- **Silver King Showing** – Au/Cu skarns located west of Happy John along the shore of Alberni Inlet

Soil Sample Results:

- 90 samples collected and analyzed (fall 2008) on a grid over the Three Jays
- 32 (36%) contain elevated values in at least one of the target or indicator metals: gold (>20 ppb), copper (>200 ppm), molybdenum (>5 ppm), zinc (>100 ppm), nickel (>100 ppm), cobalt (>100 ppm) or arsenic (>100 ppm) using slightly different thresholds than for moss mats and lower than for rocks
- 9 (10%) contain elevated values in at least two of the target or indicator metals
- 4 (4%) contain elevated values in at least three of the target or indicator metals
- 2 (2%) contains elevated values in at least four of the target or indicator metals
- 1 (1%) contains elevated values in five of the target or indicator metals

The distribution pattern of sites with elevated multi-elements shows a consistent 1 to 3 stations (up to 75 metres) wide by 4 lines (200 metres) long zone from Line 5150E oriented north-west to the western property boundary, paralleling and overlying the historic underground workings of the Three Jays occurrence. There is also a 2 stations (50 metres) wide zone of primarily elevated gold values on Line 5300E , which may extend eastwards beyond the grid. Since soil sample descriptions are not available from the fall 2008 program, the characteristics of the soil samples are unknown to the author, and it is therefore not possible to determine how appropriate the technique is either in the immediate area or on rest of the Property.

Magnetometer Survey Results:

- 173 magnetic readings taken on the soil grid at 12.5 metre spacing
- average of 54430 nT; 34 (19%) exceeding 54500 nT; 8 (5%) exceeding 54750 nT

The distribution pattern of magnetic readings shows consistently elevated values (>54500 nT) over 2-11 stations (25 to 137.5 metres) wide extending over the full grid length from Line 5000E to L5300E (350 metres) over the entire northern portion of, and probably extending beyond the grid. There are also weakly elevated values over 1-3 stations (up to 37.5 metres) wide by 4 lines (200 metres) length from Lines 5100E to L5250E (200 metres) centred approximately on station 5000N. The relationship between high magnetism and iron skarn mineralization is direct, since most iron skarn mineralization consists primarily of magnetite. However, copper skarn mineralization, particularly structurally controlled, chalcopyrite-rich mineralization as described at the Three Jays, may not necessarily be highly magnetic. Nonetheless, the general spatial relationship between high magnetism and skarn mineralization should make magnetic techniques useful for locating deposits. Gravity techniques are also useful for locating skarn deposits due to the high densities of chalcopyrite, pyrite, pyrrhotite and magnetite. Radiometric techniques can also be useful to detect potassium alteration commonly associated with skarn and porphyry deposits. Electromagnetic techniques can also be useful to detect silicification (resistivity highs) and massive sulphides (conductivity highs) associated with both deposit types. Airborne geophysical surveys are preferred over ground surveys for early stage exploration properties like Nahmint, particularly on Vancouver Island where dense vegetation inhibits installation of necessary field grids.

Only a very small fraction of the Nahmint Property has been prospected to date, and much more work is clearly justified. The Property represents a large, early stage project with many known, high grade occurrences of copper+/-silver-zinc-cobalt-gold and iron (magnetite), and extensive exposures of limestone and some marble. Project logistics are excellent, with the protected tidewaters of Alberni Inlet along two sides of the property, and an extensive logging road network providing access to much of the property and to the nearby resource-oriented community of Port Alberni. Modern, systematic exploration techniques have only begun to be utilized on the Property, with some success. The potential exists on the property to discover both metallic and industrial mineral deposits of economic significance, including both high grade skarn deposits and large, disseminated porphyry copper deposits. The property clearly warrants continued systematic exploration programs, data compilation and evaluation.

Recommendations

Continued systematic but strategically phased exploration programs are warranted and essential for the entire Nahmint property to achieve the following primary exploration objectives, in the author's opinion:

- Discover new economic mineral deposits of any type on the property using industry standard techniques, including follow up detailed stream moss mat sampling and prospecting; prospecting to locate, map and sample the Defiance, Happy John and Silver King occurrences; plus both property wide geological mapping and multi-parameter airborne geophysics over the entire Property and,

- Establish indicated mineral resources if possible on the known skarn and hypothetical porphyry type deposits including the Three Jays, Monitor, Sunshine Adit, Sunshine Creek, Orphan Bay, Ocean Wave, Black Prince, Mark Murray and possibly others by establishing access as required to 4 targets, and using manual and mechanized trenching, underground rehabilitation, representative chip sampling, detailed geological mapping and delineation diamond drilling,
- Establish indicated mineral resources on any and all significant exposed deposits of limestone and marble using industry-accepted exploration techniques

The Nahmint Property should be re-evaluated based on its regional geological setting compared to other similar settings worldwide which host past or currently producing mines, with consideration to mineral deposit types and models. Today's geological literature is much more extensive than it was at the times when the mineral occurrences in the area were being actively developed and mined. In the author's opinion, some of the key points to consider in such a comparison would be:

- Jurassic age intrusive associated deposits and mineral districts
- Skarn, and possible related porphyry and epithermal mineral deposit types
- Industrial mineral and/or dimension stone limestone/marble deposits

Using today's and projected future estimates of metal prices for copper, silver, gold, iron and possibly molybdenum and cobalt, along with limestone and marble, reasonable exploration target models should be established for the entire Nahmint property. An investigation should be made of current mining and processing techniques and costs at operations exploiting similar deposits worldwide, including both open pit and underground operations. In the author's opinion, the following combined exploration target models could be considered as goals and used as a starting point:

- Underground, compact and clustered copper/iron skarn deposits ranging from 1 to 5 million tonnes with average grades of 2-5% copper, 25-75 g/t silver, 0.50-2.0 g/t gold, and 25-50% iron (magnetite), using crushing, grinding, flotation and magnetic concentration techniques to produce one or more products, and
- Underground/open pit, bulk mineable, clustered porphyry deposits ranging from 100-250 million tonnes with average grades of 0.25-0.50% copper, 0.25-0.50 g/t gold, 5-10 g/t silver, and 0.01-0.025% molybdenum, with similar processing requirements as above plus molybdenum concentration techniques, and
- Open pit, bulk mineable, clustered limestone and marble deposits ranging from 1 and 5 million tonnes with industry-accepted quality and contaminant contents

In addition, the author recommends studies to be carried out to achieve the following primary environmental objective:

- Establish/maintain industry-standard environmental monitoring program

Finally, the author recommends the following socio-economic programs be initiated to complement the exploration and environmental objectives:

- Identify, negotiate and establish contract, employment and other co-operation agreements with local First Nations bands
- Negotiate and establish access road use and other co-operation agreements with local surface rights and forestry tenure holders
- Negotiate and establish work progress update protocols with local recreation and conservation groups and the community of Port Alberni

The following Phase 1 & 2 exploration, evaluation, environmental and socio-economic programs and budgets are proposed for the next 3 years on the Nahmint property:

Table 6 – Proposed Phase 1 & 2 Work Programs and Budget Summary

Phase/Item	Description	Units/Timing	Unit Cost	Item Cost
Phase 1 - New Discoveries	Follow up Stream Moss Mats	0.5 months - year 1	$25,000/month	12,500
	Prospecting/Rock Sampling	0.5 months - year 1	$25,000/month	12,500
	Geological Mapping	1 month – year 1	$25,000/month	25,000
	GIS Data Compilation	2 months - year 1	$5,000/month	10,000
	Airborne Geophysics	500 line-km - year 1	$180/line-km	90,000
Phase 1 - Known Targets	Access Road Designs	1 month - year 1	$25,000/month	25,000
	Permits, Bonds	3 months – year 1	$25,000 est.	25,000
	Access Roads to 2 Targets	2.5 km - year 1	$50,000/km	125,000
	Surface Trenching 4 Targets	2 months - year 1	$25,000/month	50,000
	Surface Drilling 2 Targets	1,000 m. – year 1	$250/m.	250,000
Phase 1 Subtotal		**Year 1**		**625,000**
Phase 2 - New Discoveries	Followup Mapping/Sampling	1 month - year 2/3	$25,000/month	25,000
	Permits, Bonds	3 months – year 2/3	$25,000 est.	25,000
	Access Roads to 2 Targets	2 km - year 2/3	$50,000/km	100,000
	Surface Trenching 4 Targets	2 months - year 2/3	$25,000/month	50,000
	Surface Drilling	1,000 m. - year 2/3	$250/m.	250,000
Phase 2 - Known Targets	U/G Exploration at 3J's	5 months - year 2/3	$100,000/month	500,000
	Access Roads to 2 Targets	2.5 km - year 2/3	$50,000/km	125,000
	Surface Trenching 4 Targets	2 months - year 2/3	$25,000/month	50,000
	Surface Drilling	1,000 m. - year 2/3	$250/m.	250,000
	Environmental Baseline	1 month - year 2	$40,000/month	40,000
	Environmental Monitoring	12 months - year 3	$5,000/month	60,000
Phase 2 Subtotal		**Years 2/3**		**1,475,000**
First Nations	Agreements	3 years	$25,000/year	75,000
Roads/Surface	Agreements	3 years	$25,000/year	75,000
Port Alberni	Community Meetings	3 years	$25,000/year	75,000
Subtotal Socio-Economic		**Years 1-3**		**225,000**
Contingencies	**7% of each item**			**175,000**
TOTALS – 2 Phases		**Years 1-3**		**2,500,000**

The exploration work programs could be accelerated pending available funding, and any new discoveries made in Year 1 would probably expand and modify opportunities, priorities and budgets in Years 2 and 3. The timing and budgets for the socio-economic programs are uncertain, but should be addressed pro-actively so as to complement and facilitate exploration work programs. Phase 2 and subsequent programs and budgets would follow depending on the success of the Phase 1 programs, with the exploration program probably escalating annually in both size and budget.

References

B.C. Ministry of Energy Mines and Petroleum Resources Website references:

Annual Reports:
http://www.empr.gov.bc.ca/Mining/Geoscience/PublicationsCatalogue/AnnualReports/Pages/default.aspx

ARIS:
http://www.empr.gov.bc.ca/Mining/Geoscience/ARIS/Pages/default.aspx

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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

Information Circulars:
http://www.empr.gov.bc.ca/Mining/Geoscience/PublicationsCatalogue/InformationCirculars/Pages/default.aspx

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Mineral Deposit Profiles:
http://www.empr.gov.bc.ca/Mining/Geoscience/MineralDepositProfiles/Pages/default.aspx

Mineral Titles Online:
http://www.mtonline.gov.bc.ca/mtov/home.do

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

Project Approvals:
http://www.empr.gov.bc.ca/Mining/ProjectApprovals/Pages/default.aspx

Two Zone System:
http://www.em.gov.bc.ca/Subwebs/mining/Exploration/two_zone_system.htm

B.C. Integrated Land Management Bureau Website reference:

Tantalis Gator:
http://ilmbwww.gov.bc.ca/irb/gator/index.html

Other references:

Pacific Coast Copper Ltd. miscellaneous letters and reports

Andris Kikauka, P.Geo. data and correspondence

Date and Signature Page

Report dated February 9th, 2009

Signature of Qualified Person

Jacques Houle, P.Eng.
Print name of Qualified Person

Seal of Qualified Person

Certificate of Author Jacques Houle, P.Eng.

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

1. I am currently self-employed as a consulting geologist operating as: 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 (Registration No.25107), the Society of Economic Geologists, the Association for Mineral Exploration British Columbia, and the Vancouver Island Exploration Group; I am also a volunteer member of both the Technical Advisory Committee for Geoscience B.C., and the External Advisory Group for the Geoscience Dept. at Vancouver Island University.
4. I have worked as a geologist for 30 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 5 years as a mineral exploration consultant.
5. I have read the definition of "Qualified Person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, membership in a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
6. I am responsible for the preparation of the Technical Report entitled "Technical Report on the Nahmint Property". I last worked on the mineral property in July, 2008.
7. I have had prior involvement with the properties that are the subject of the Technical Report, as an independent consultant.
8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
9. I am independent of both Nahminto Resources Ltd. and Torch River Resources Inc. applying all the tests in NI 43-101.
10. I have read National Instrument NI 43-101, Companion Policy 43-101.CP and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument, policy and form.

Signature of Qualified Person

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. HOULE
25107

Jacques Houle, P.Eng.
Print name of Qualified Person

Seal of Qualified Person

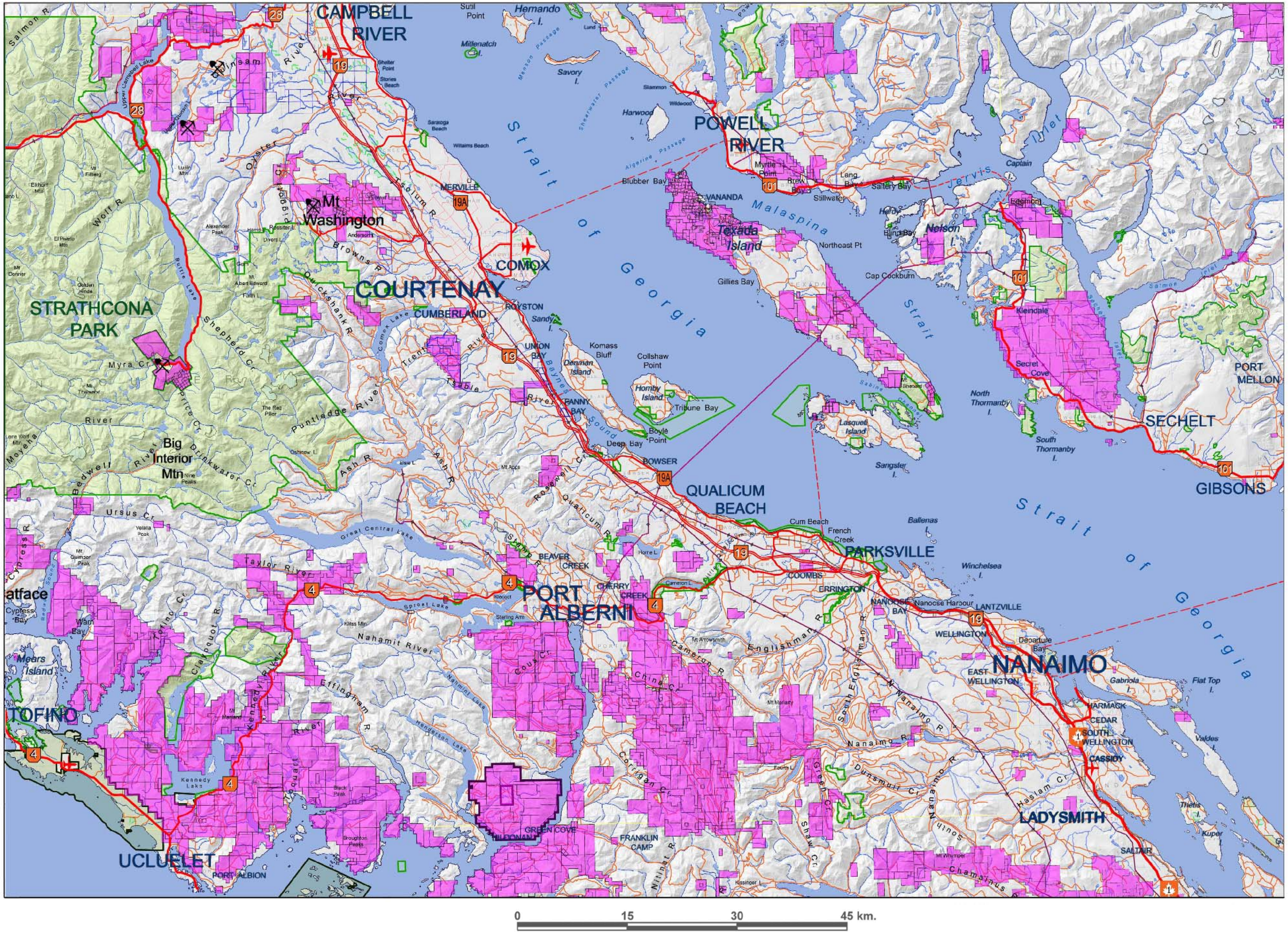
June to November 2008 Prospecting and Sampling Cost Report for Nahmint Property - Details by Day

Report of Income for 2008

Date Worked	Invoice Date	Invoice#	Invoice $	Disbursements	Fees+GST	Date Paid	Client	Project	Fees+GST	GST	Fees	Hours	Salary	Office	Field	Truck	Sat.Phone	Traveling Per Diem	Field Crew Meals	Field Crew Supplies	Notes
11-Jun-08							Nahminto	Nahmint	299.25	14.25	285.00	4.5	270.00	15.00	-	-	-	-	-	-	Correspondence, project planning with Herb
14-Jun-08							Nahminto	Nahmint	34.65	1.65	33.00	0.5	30.00	3.00	-	-	-	-	-	-	Correspondence and project planning
23-Jun-08							Nahminto	Nahmint	34.65	1.65	33.00	0.5	30.00	3.00	-	-	-	-	-	-	Project planning and correspondence
25-Jun-08							Nahminto	Nahmint	81.90	3.90	78.00	1.0	60.00	3.00	-	15.00	-	-	-	-	Project planning
27-Jun-08	27-Jun-08	08.06.05	589.05	0	589.05	deferred	Nahminto	Nahmint	138.60	6.60	132.00	2.0	120.00	12.00	-	-	-	-	-	-	Project planning
03-Jul-08							Urastar	Nahmint	491.40	23.40	468.00	6.0	360.00	-	-	108.00	-	-	-	-	Pick up field equipment in Port Alberni, project planning
18-Jul-08							Urastar	Nahmint	189.00	9.00	180.00	2.5	150.00	12.00	-	18.00	-	-	-	-	Project planning, buy supplies, correspondence
21-Jul-08							Urastar	Nahmint	1,106.70	52.70	1,054.00	10.0	600.00	-	-	324.00	30.00	-	100.00	-	Mobilize to Nahmint - 6 people
22-Jul-08							Urastar	Nahmint	1,036.35	49.35	987.00	10.0	600.00	6.00	24.00	72.00	60.00	-	150.00	75.00	Camp-based exploration at Nahmint - 6 people
23-Jul-08							Urastar	Nahmint	1,086.75	51.75	1,035.00	10.0	600.00	3.00	39.00	108.00	60.00	-	150.00	75.00	Camp-based exploration at Nahmint - 6 people
24-Jul-08							Urastar	Nahmint	1,008.00	48.00	960.00	10.0	600.00	21.00	36.00	18.00	60.00	-	150.00	75.00	Camp-based exploration at Nahmint - 6 people
25-Jul-08							Urastar	Nahmint	992.25	47.25	945.00	10.0	600.00	6.00	54.00	-	60.00	-	150.00	75.00	Camp-based exploration at Nahmint - 6 people
26-Jul-08							Urastar	Nahmint	973.35	46.35	927.00	10.0	600.00	6.00	36.00	-	60.00	-	150.00	75.00	Camp-based exploration at Nahmint - 6 people
27-Jul-08							Urastar	Nahmint	910.35	43.35	867.00	10.0	600.00	-	-	162.00	30.00	-	75.00	-	Demobilize from Nahmint - 6 people
28-Jul-08							Urastar	Nahmint	412.65	19.65	393.00	5.5	330.00	27.00	-	36.00	-	-	-	-	Accounting, prepare and ship samples
29-Jul-08	01-Aug-08	08.07.03	28,796.03	20,554.58	8,241.45	deferred part	Urastar	Nahmint	34.65	1.65	33.00	0.5	30.00	3.00	-	-	-	-	-	-	Project accounting
01-Aug-08							Urastar	Nahmint	103.95	4.95	99.00	1.5	90.00	9.00	-	-	-	-	-	-	Accounting and Invoicing
05-Aug-08							Urastar	Nahmint	623.70	29.70	594.00	9.0	540.00	54.00	-	-	-	-	-	-	Microscopy on samples
06-Aug-08							Urastar	Nahmint	69.30	3.30	66.00	1.0	60.00	6.00	-	-	-	-	-	-	Sort and send photos
07-Aug-08							Urastar	Nahmint	103.95	4.95	99.00	1.5	90.00	9.00	-	-	-	-	-	-	Review photos, project planning with Herb
13-Aug-08							Urastar	Nahmint	34.65	1.65	33.00	0.5	30.00	3.00	-	-	-	-	-	-	Report figures list for Dan
18-Aug-08							Urastar	Nahmint	346.50	16.50	330.00	5.0	300.00	30.00	-	-	-	-	-	-	Compile geochemistry; correspondence, revise expenditure statemen
19-Aug-08							Urastar	Nahmint	519.75	24.75	495.00	7.5	450.00	45.00	-	-	-	-	-	-	Revised expenditure statement and technical report
20-Aug-08							Urastar	Nahmint	69.30	3.30	66.00	1.0	60.00	6.00	-	-	-	-	-	-	Correspondence
21-Aug-08							Urastar	Nahmint	132.30	6.30	126.00	2.0	120.00	6.00	-	-	-	-	-	-	Corrrespondence; meet Tony in Vancouver
22-Aug-08							Urastar	Nahmint	450.45	21.45	429.00	6.5	390.00	39.00	-	-	-	-	-	-	Complete PDF figures and report to TSX-V, Tony
23-Aug-08							Urastar	Nahmint	69.30	3.30	66.00	1.0	60.00	6.00	-	-	-	-	-	-	Compile geochemistry
24-Aug-08							Urastar	Nahmint	69.30	3.30	66.00	1.0	60.00	6.00	-	-	-	-	-	-	Compile geochemistry
25-Aug-08							Urastar	Nahmint	69.30	3.30	66.00	1.0	60.00	6.00	-	-	-	-	-	-	Compile geochemistry
26-Aug-08							Urastar	Nahmint	207.90	9.90	198.00	3.0	180.00	18.00	-	-	-	-	-	-	Compile geochemistry
28-Aug-08	31-Aug-08	08.08.06	5,072.20	2,167.90	2,904.30	deferred	Urastar	Nahmint	34.65	1.65	33.00	0.5	30.00	3.00	-	-	-	-	-	-	Correspondence
05-Sep-08							Urastar	Nahmint	69.30	3.30	66.00	1.0	60.00	6.00	-	-	-	-	-	-	Compile geochemistry
18-Sep-08	27-Sep-08	08.09.04	138.60	0	138.60	deferred	Urastar	Nahmint	69.30	3.30	66.00	1.0	60.00	6.00	-	-	-	-	-	-	Compile geochemistry, review TSXV correspondence
24-Nov-08							Nahminto	Nahmint	207.90	9.90	198.00	3.0	180.00	18.00	-	-	-	-	-	-	Assessment work planning and correspondence
29-Nov-08	01-Dec-08	08.11.01	2,032.34	1,755.14	277.20	deferred	Nahminto	Nahmint	69.30	3.30	66.00	1.0	60.00	6.00	-	-	-	-	-	-	Assessment work planning
Jan-Feb 2009		estimate	3,500.00	1,500.00	2,000.00	13-Jan-09	Torch R.	Nahmint													Report writing and figure drafting
Totals			**40,128.22**	**25,977.62**	**14,150.60**				**12,150.60**	**578.60**	**11,572.00**	**141.00**	**8,460.00**	**402.00**	**189.00**	**861.00**	**360.00**	**-**	**925.00**	**375.00**	

Report of Disbursements for 2008

Date	No.	Advertizing	Bad Debts	Business tax, Fees, Dues, Licences, Memberships	Delivery, Freight, Express	Vehicle Fuel & Oil	Vehicle Insurance	Vehicle Maintenance & Repairs	Mgmt. & Admin. Fees	Meals and Entertainment	Office Expenses	Field Expenses	Property Taxes & Rent	Salaries Wages, Benefits	Travel	Telephone & Utilities	Other Expenses	TOTAL including taxes	P.S.T.	G.S.T.	Comments	Client	Invoice	Amount
14-Jul-08																	- 25,000.00	- 25,000.00			Cash advance for program	Urastar		
29-Jul-08	51											3,850.58		7,560.00				11,410.58		543.36	Berkshire 2008-7-29 (partial)	Urastar		
31-Jul-08	55											1,470.00						1,470.00		70.00	Auracle Invoice #32	Urastar		
27-Jul-08												250.00						250.00			McMaster Field Equip. Rentals	Urastar		
27-Jul-08												1,150.00						1,150.00			McMaster Truck Rental, Fuel	Urastar		
27-Jul-08														2,800.00				2,800.00			McMaster July Wages	Urastar		
27-Jul-08	47											315.00		2,520.00				2,835.00			Murray Invoice 512375	Urastar		
28-Jul-08	48										184.25							184.25	11.52	8.23	Colour air photo copies	Urastar		
28-Jul-08	49				106.75													106.75		5.07	Sample shipment to Acme	Urastar		
29-Jul-08												168.00						168.00			McMaster Truck Fuel	Urastar		
31-Jul-08												180.00						180.00			McMaster Truck Fuel	Urastar		
31-Jul-08	52																25,000.00	25,000.00			Return cash advance	Urastar	08.07.03	20,554.58
19-Aug-08	54											135.80						135.80	7.70	6.10	Vancouver Pet. 080749 (50%)	Urastar		
22-Aug-08	58																2,032.10	2,032.10		96.77	Acme VANI011248	Urastar	08.08.06	2,167.90
10-Oct-08	108																1,755.14	1,755.14		83.58	Acme VANI013378	Nahminto	08.11.01	1,755.14
Jan-Feb 2009	estimate													1,500.00				1,500.00			Drafting figures for report	Torch R.	estimate	1,500.00
Totals		**-**	**-**	**-**	**106.75**	**-**	**-**	**-**	**-**	**-**	**184.25**	**7,519.38**	**-**	**14,380.00**	**-**	**-**	**3,787.24**	**25,977.62**	**19.22**	**813.11**				**25,977.62**



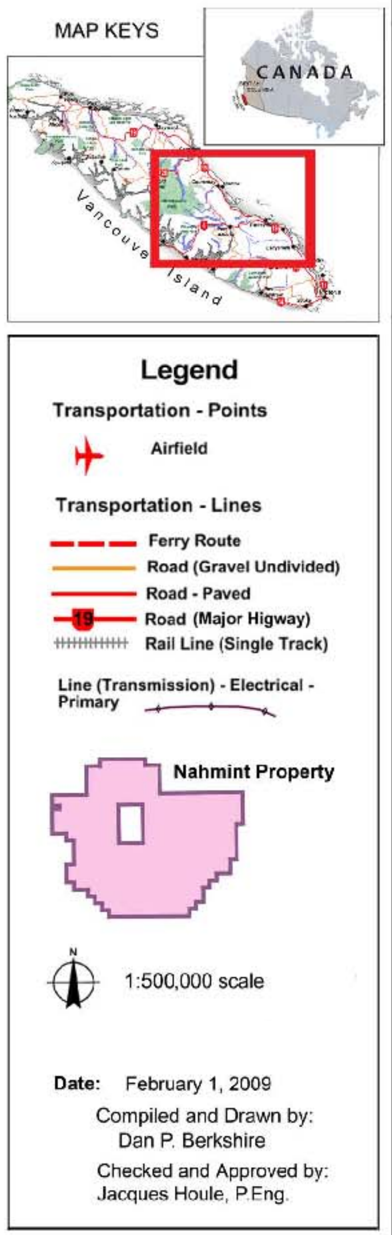


Figure: 1a

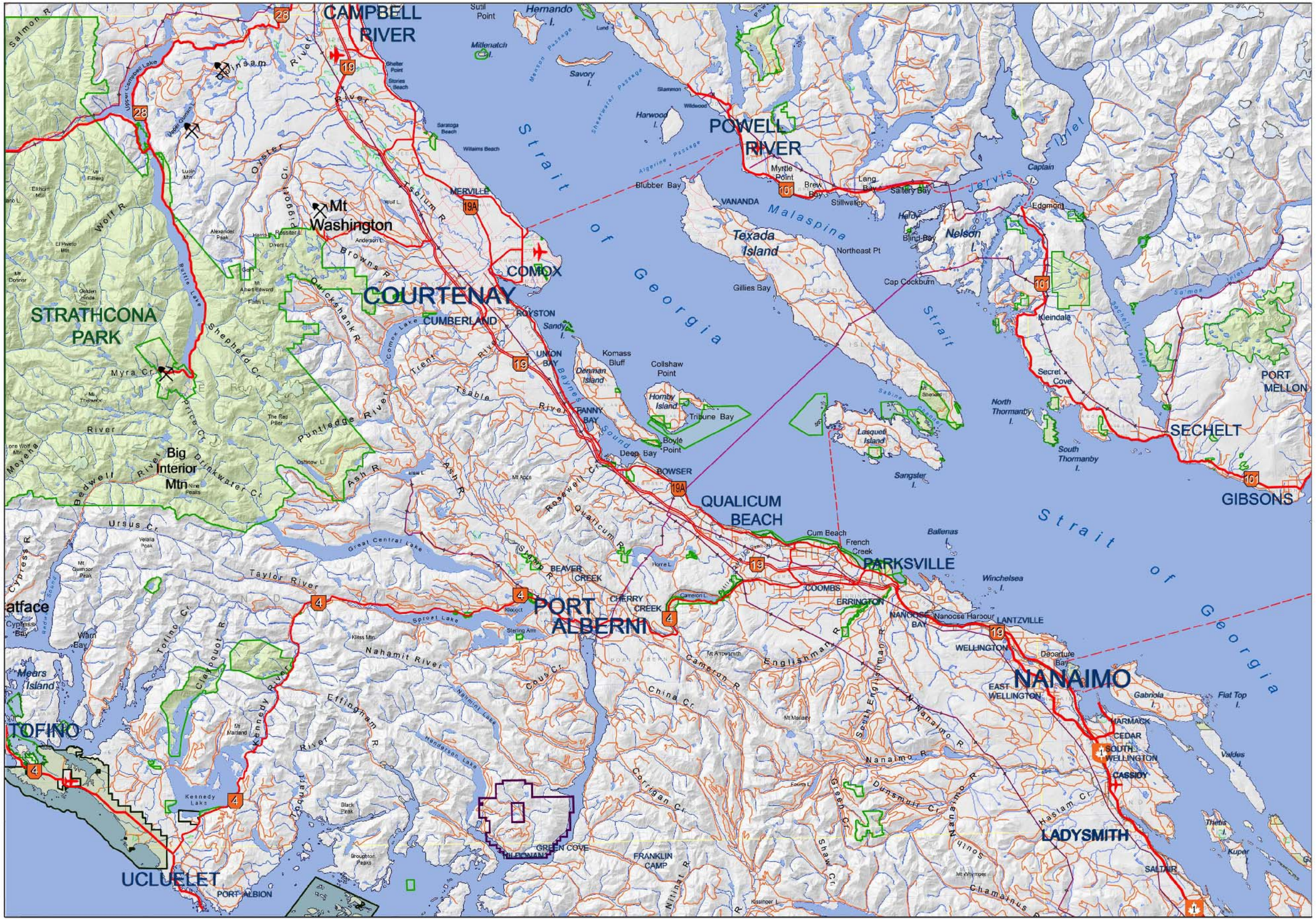
Title:

Mineral Titles Layers

MTO Mineral Titles

Mineral

Source: BCGS (Map Place)



MAP KEYS

Legend

Transportation - Points

Airfield

Transportation - Lines

- Ferry Route
- Road (Gravel Undivided)
- Road - Paved
- Road (Major Higway)
- Rail Line (Single Track)

Line (Transmission) - Electrical - Primary

Nahmint Property

1:500,000 scale

Date: February 1, 2009

Compiled and Drawn by: Dan P. Berkshire

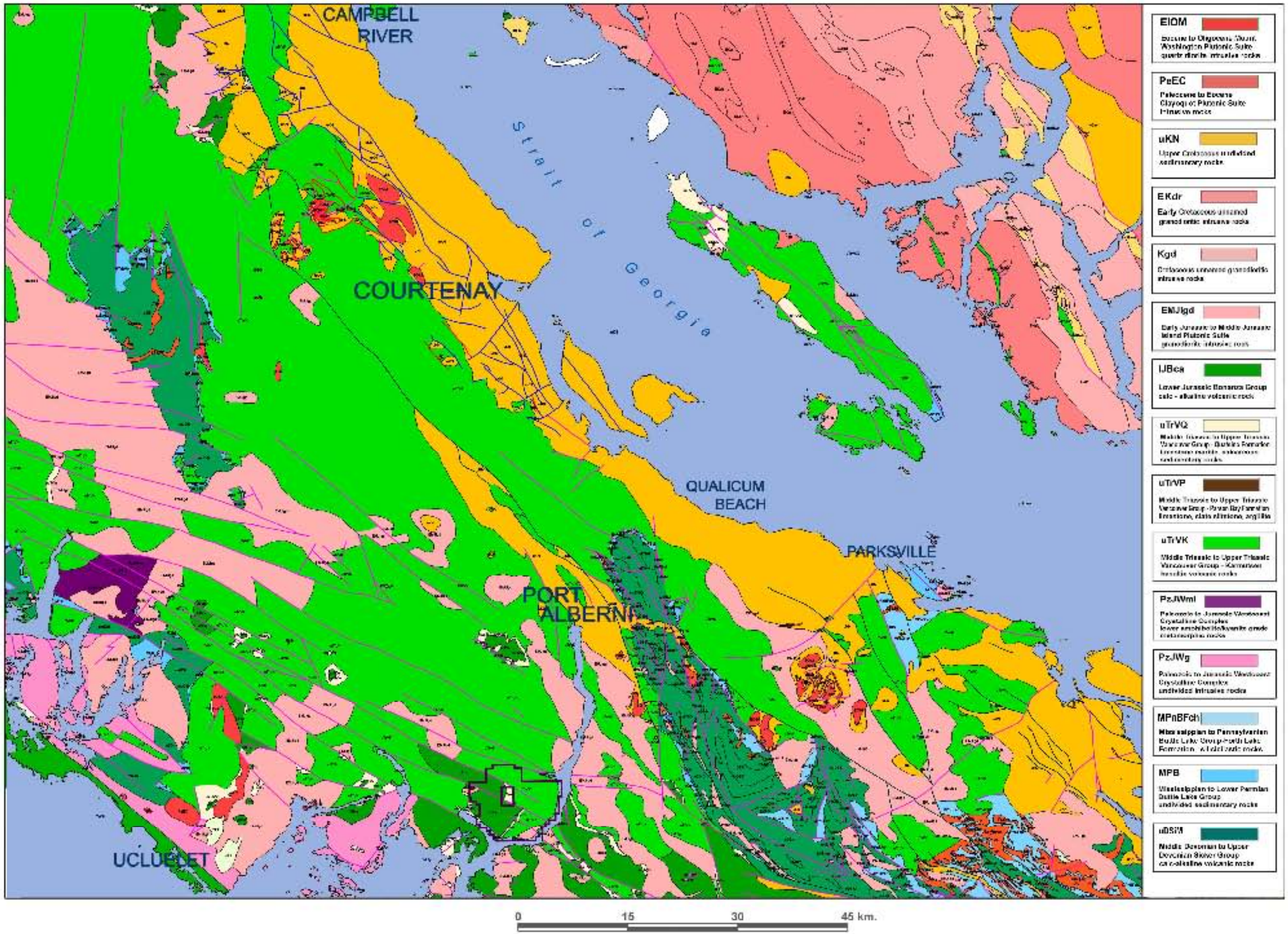
Checked and Approved by: Jacques Houle, P.Eng.

Figure: 1b

Title:

Infrastructure

Source: BCGS (Map Place)



MAP KEYS

Legend

Transportation - Points

Airfield

Transportation - Lines

Ferry Route
Road (Gravel Undivided)
Road - Paved
Road (Major Highway)
Rail Line (Single Track)

Line (Transmission) - Electrical - Primary

Nahmint Property

1:500 000 scale

Date: February 7, 2005

Compiled and Drawn by:
Ian P. Berkshire

Checked and Approved by:
Jacques Horne, P.Eng

Figure: 1c

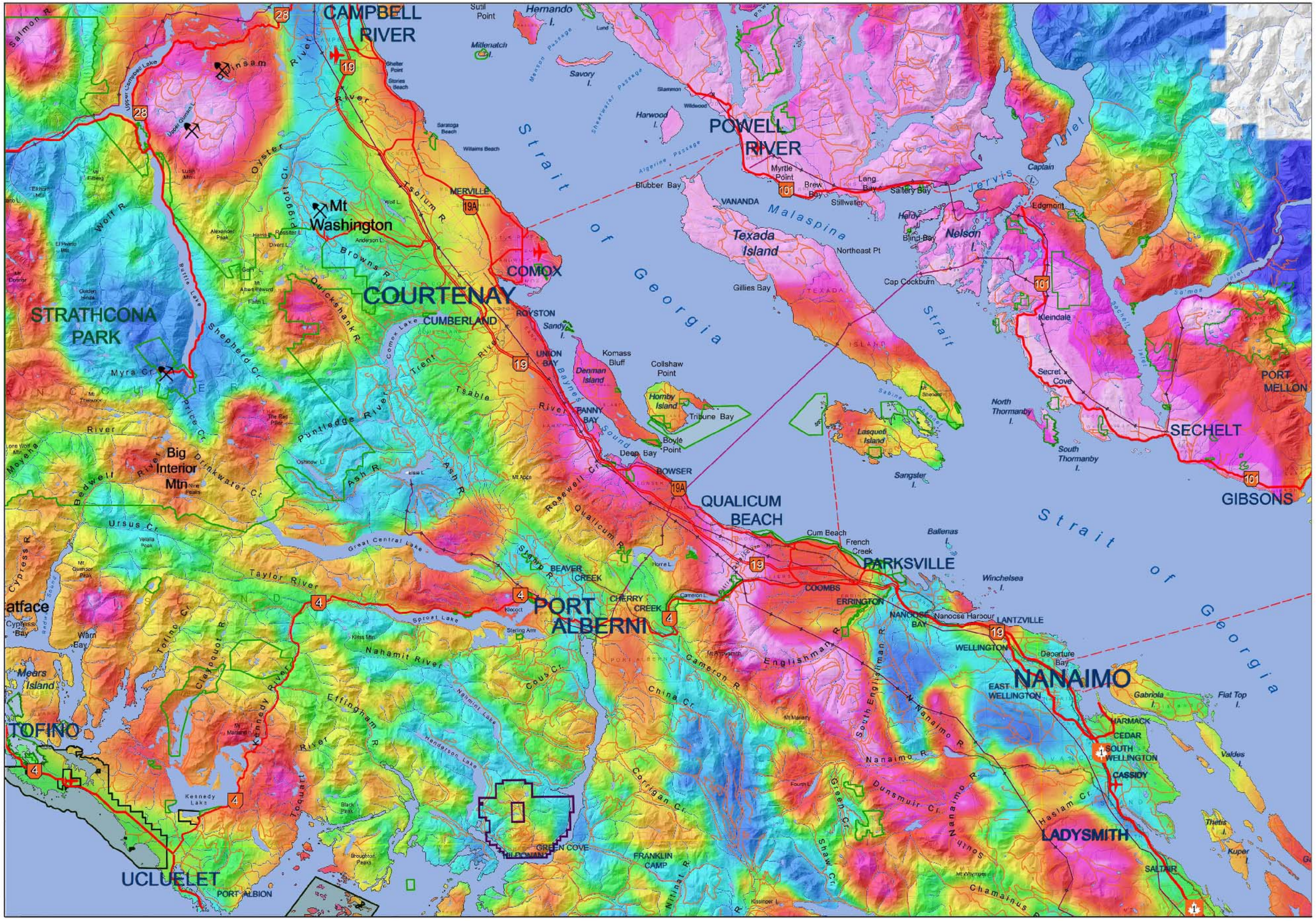
Title:

2005 BCGS Geology

BCGS Geology Layers 2005

Contacts & Faults (<1:5M)
Contact
Extension Fault
Fault
Normal Fault
Thrust

Source: BCGS (Map Place)



MAP KEYS

Legend

Transportation - Points

Airfield

Transportation - Lines

Ferry Route
Road (Gravel Undivided)
Road - Paved
Road (Major Higway)
Rail Line (Single Track)

Line (Transmission) - Electrical - Primary

Nahmint Property

1:500,000 scale

Date: February 1, 2009

Compiled and Drawn by:
Dan P. Berkshire

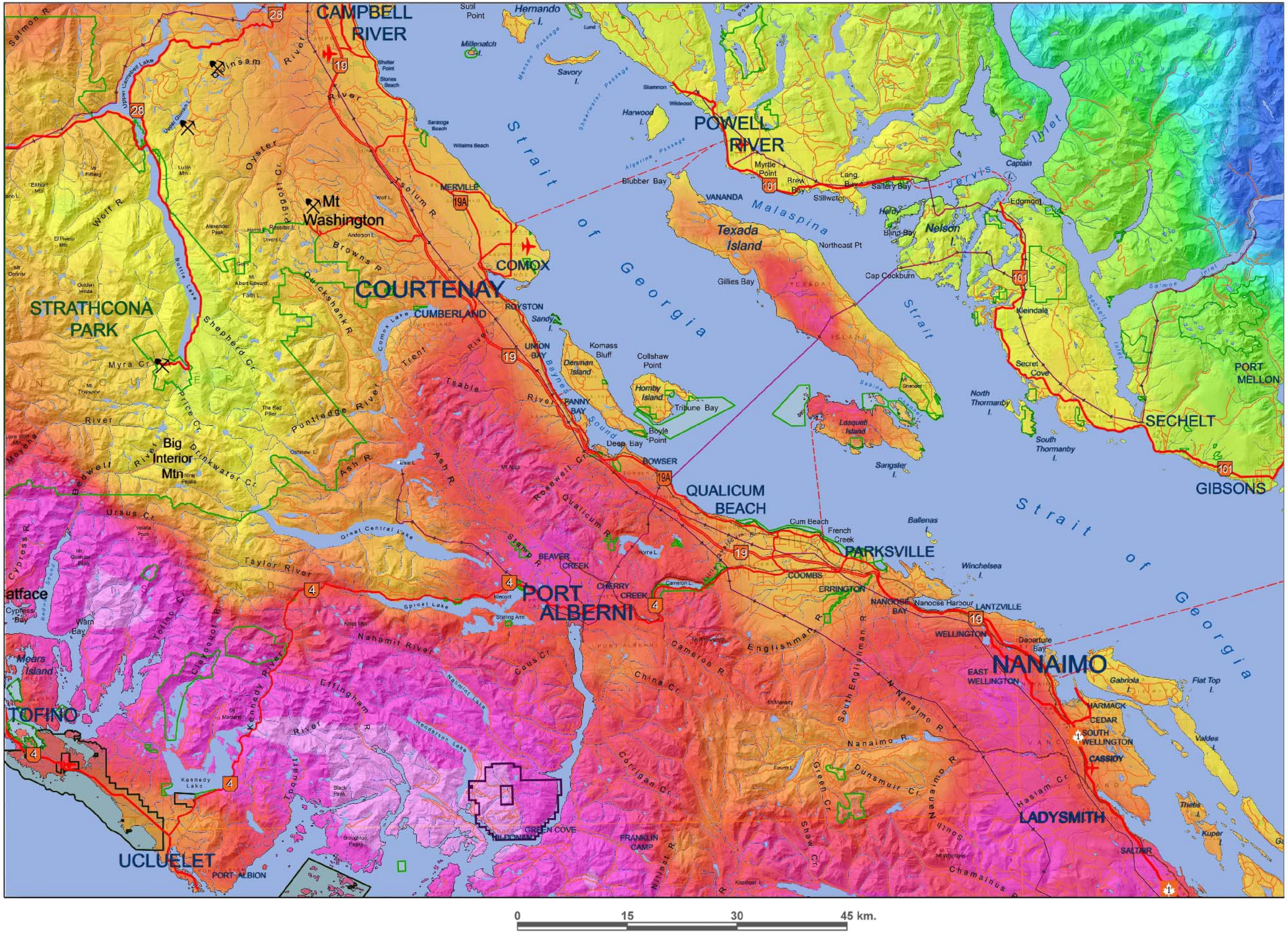
Checked and Approved by:
Jacques Houle, P.Eng.

Figure: 1d

Title:

Aeromag (<300K)

Source: BCGS (Map Place)



MAP KEYS

Legend

Transportation - Points

Airfield

Transportation - Lines

Ferry Route
Road (Gravel Undivided)
Road - Paved
Road (Major Higway)
Rail Line (Single Track)

Line (Transmission) - Electrical - Primary

Nahmint Property

1:500,000 scale

Date: February 1, 2009

Compiled and Drawn by:
Dan P. Berkshire

Checked and Approved by:
Jacques Houle, P.Eng.

Figure: 1e

Title:

SW Gravity

Gravity

Source: BCGS (Map Place)

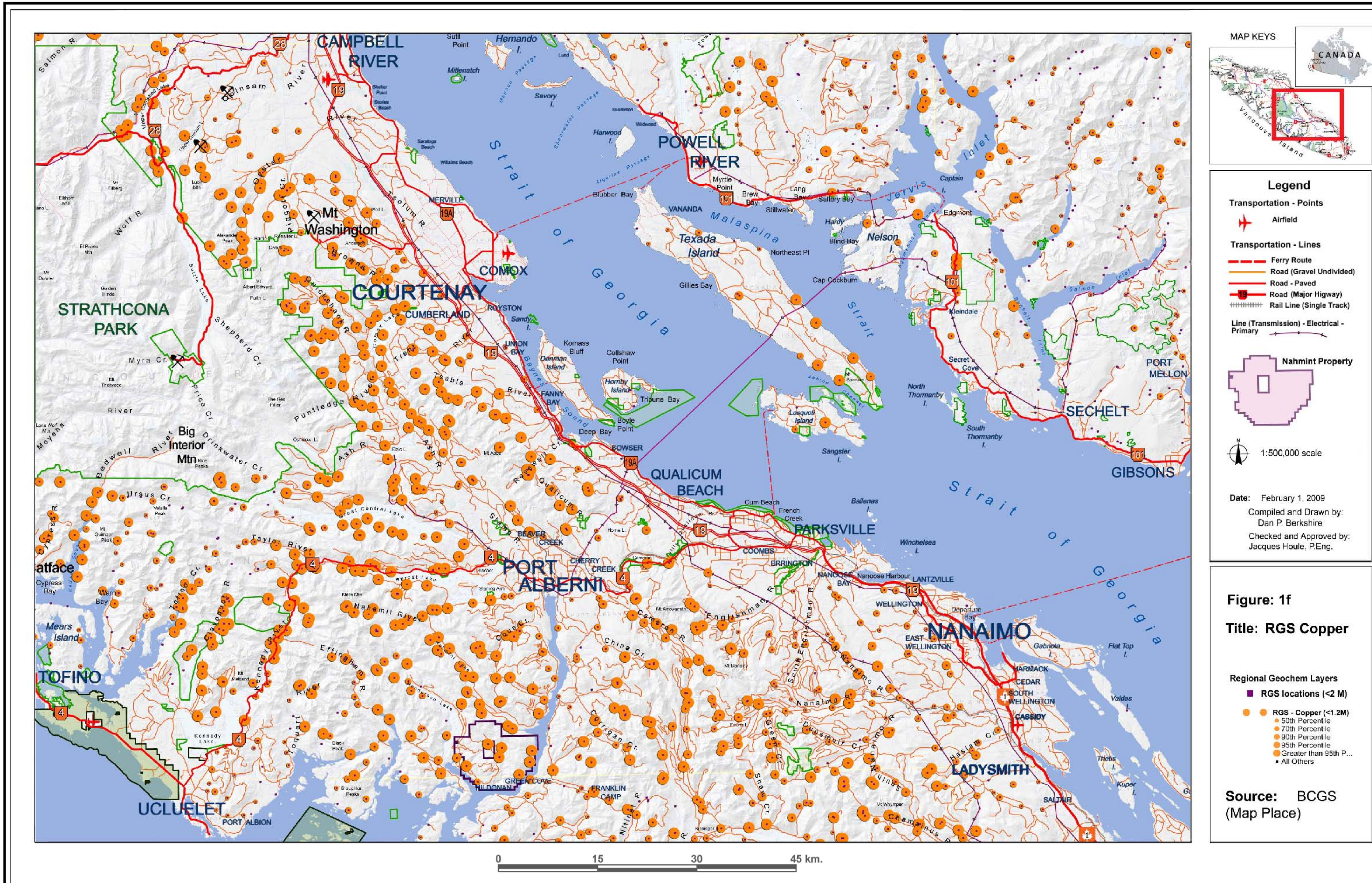


Figure: 1f

Title: RGS Copper

NAHMINT PROPERTY

Title: MINERAL TITLES

Figure: 2a

Date: February 1, 2009

Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

REVERTED CROWN GRANTED MINAL CLAIMS (UNDERSURFACE RIGHTS)

CURRENT CROWN GRANTED MINAL CLAIMS

MINERAL RESERVES

TENURE NUMBERS

525107 — MTO TITLES HELD BY NAMINTO RESOURCES LTD

533811 — MTO TITLES HELD BY ALL OTHERS

Indian RESERVE

Mineral Inventory Layers
- MINFILE as Producer
  - Producer
- MINFILE as Past Producer
  - Past Producer
- MINFILE number /name label
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

0 1500 SCALE 3000 4500 m.

Figure: 2a
MINERAL TITLES MAP

NAHMINT PROPERTY

Title: TOPOGRAPHY AND INFRASTRUCTURE

Figure: 2b

Date: February 1, 2009

Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

REVERTED CROWN GRANTED MINERAL CLAIMS
(UNDERSURFACE RIGHTS)
CURRENT CROWN GRANTED MINERAL CLAIMS

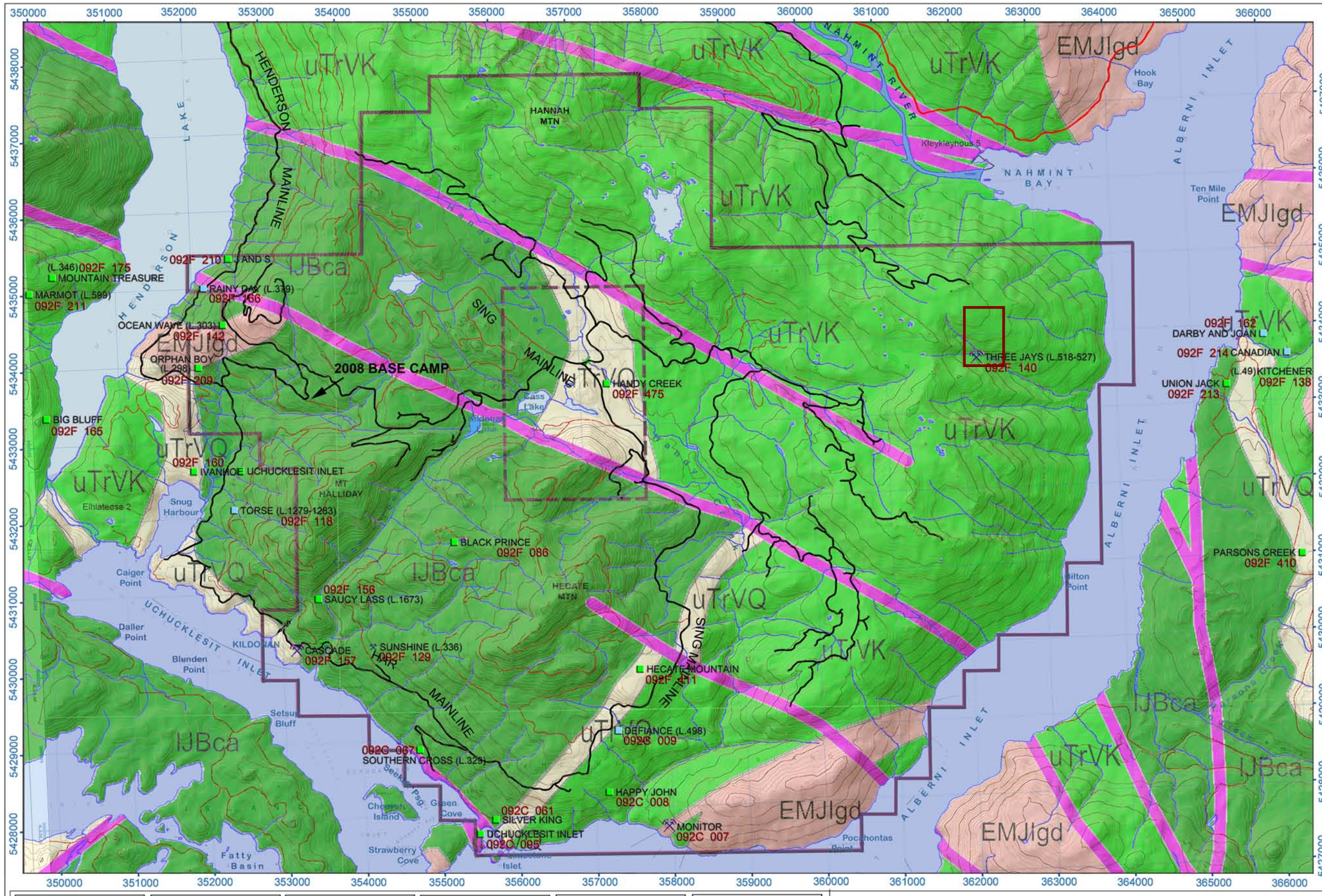
Indian RESERVE

Mineral Inventory Layers
- MINFILE as Producer
  - Producer
- MINFILE as Past Producer
  - Past Producer
- MINFILE number /name label
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

0 1500 SCALE 3000 4500 m.

Figure: 2b

TOPOGRAPHY AND INFRASTRUCTURE MAP



NAHMINT PROPERTY

Title:	2005 BCGS Geology
Figure:	2c
Date:	February 1, 2009
Drawn by:	Dan P. Berkshire
Checked by:	Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

MPB Mississippian to Lower Permian Buttle Lake Group undivided sedimentary rocks	**PzJWml** Paleozoic to Jurassic Westcoast Crystalline Complex lower amphibolite/kyanite grade metamorphic rocks	**EMJIgd** Early Jurassic to Middle Jurassic Island Plutonic Suite granodiorite intrusive rock	**uTrVP** Middle Triassic to Upper Triassic Vancouver Group - Parson Bay Formation limestone, slate siltstone, argillite	**Kgd** Cretaceous unnamed granodioritic intrusive rocks	MINERAL CLAIMS
PzJWg Paleozoic to Jurassic Westcoast Crystalline Complex undivided intrusive rocks	**IJBca** Lower Jurassic Bonanza Group calc - alkaline volcanic rock	**uTrVK** Middle Triassic to Upper Triassic Vancouver Group - Karmutsen basaltic volcanic rocks	**uTrVQ** Middle Triassic to Upper Triassic Vancouver Group - Quatsino Formation limestone,marble, calcareous sedimentary rocks	**IJBHa** Lower Jurassic Harbledown Formation mudstone, siltstone, shale, fine clastic sedimentary rocks	MAJOR FAULTS / CONTACTS

0 1500 SCALE 3000 4500 m.

Mineral Inventory Layers
MINFILE as Producer
Producer
MINFILE as Past Producer
Past Producer
MINFILE number /name label
Developed Prospect
Past Producer
Producer
Prospect
Showing
All Others

Figure 2c

2005 BCGS Geology Map

NAHMINT PROPERTY

Title: AEROMAGNETIC MAP

Figure: 2d

Date: February 1, 2009

Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

0 1500 SCALE 3000 4500 m.

Geophysical Layer

Aeromag (<300K)

Figure: 2d

BCGS HIGH LEVEL AEROMAGNETIC MAP

NAHMINT PROPERTY

Title: MinFile occurrences Location Map

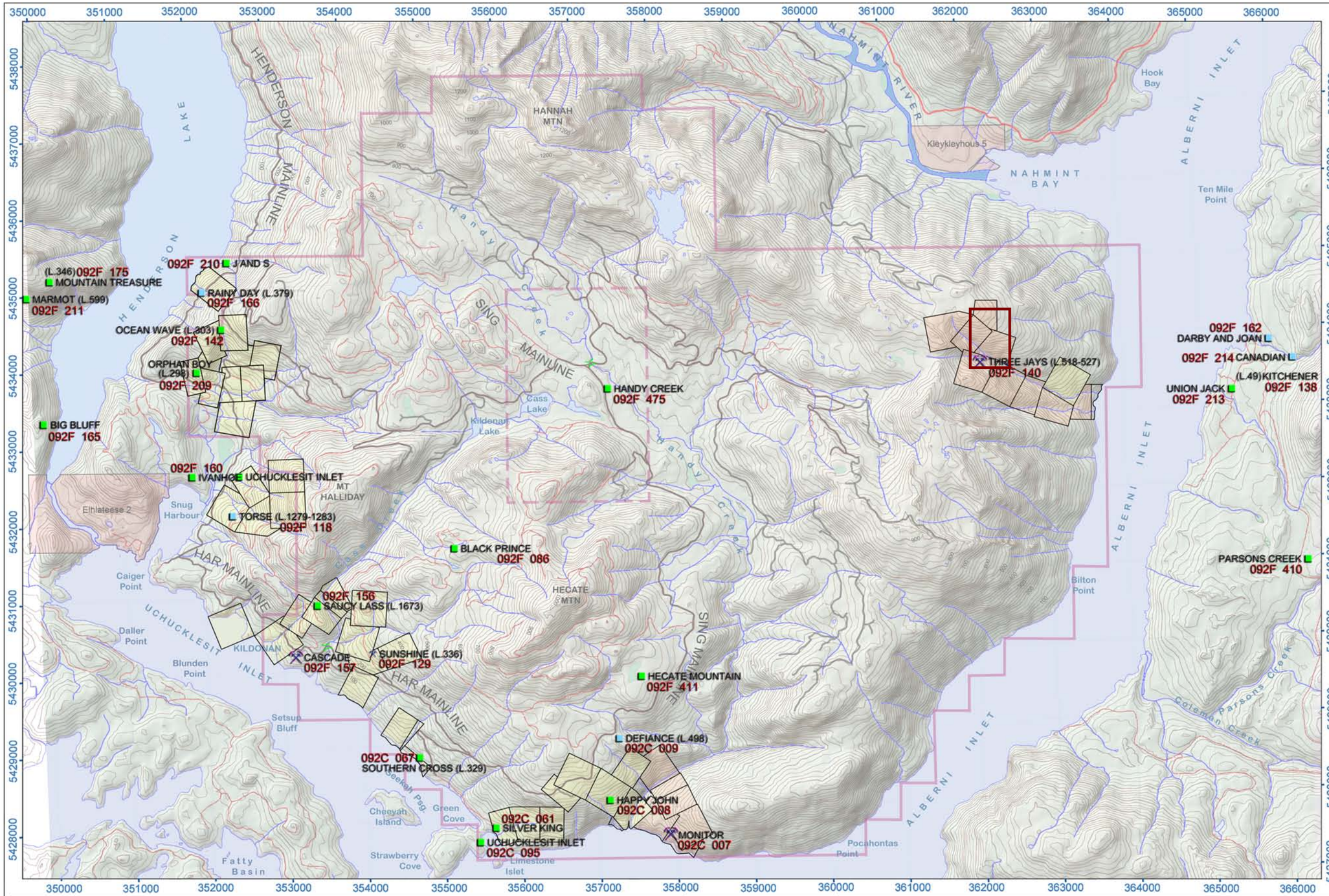
Figure: 2e

Date: February 1, 2009

Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10



MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

REVERTED CROWN GRANTED MINERAL CLAIMS
(UNDERSURFACE RIGHTS)
CURRENT CROWN GRANTED MINERAL CLAIMS

Indian RESERVE

Mineral Inventory Layers
- MINFILE as Producer
  - Producer
- MINFILE as Past Producer
  - Past Producer
- MINFILE number /name label
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

0 1500 SCALE 3000 4500 m.

Figure 2e: MinFile occurrences by Name and Number

NAHMINT PROPERTY

Title: ARIS and RGS Locations Map

Figure: 2f

Date: February 1, 2009

Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

REVERTED CROWN GRANTED MINERAL CLAIMS
(UNDERSURFACE RIGHTS)
CURRENT CROWN GRANTED MINERAL CLAIMS

Indian RESERVE

ARIS number label
Regional Geochem Layers
RGS locations (<2 M)
RGS labels (<100K)

Mineral Inventory Layers
ARIS reports by year
1930 - 1950
1951 - 1970
1971 - 1980
1981 - 1990
1991 - 2000
2001 - 2010
All Others

Regional Geochem Layers
RGS - Copper (<1.2M)
50th Percentile
70th Percentile
90th Percentile
95th Percentile
Greater than 95th P...
All Others

Topographic Layers

0 1500 SCALE 3000 4500 m.

Figure 2f: RGS Copper, Sample Number and ARIS Report Number

NAHMINT PROPERTY

Title: Surveyed Parcels

Figure: 2g

Date: February 1, 2009

Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

Surveyed Crown Granted Mineral Claims (reverted Undersurface and Surface Rights - if any)

Surveyed Crown Granted Mineral Claims with active Surface Rights

Surveyed Parcels

FORESHORE RIGHTS

ACTIVE SURFACE RIGHTS

REVERTED SURFACE RIGHTS

Indian RESERVE

Land Act Surveys

0 1500 SCALE 3000 4500 m.

Figure 2g: Surveyed Parcels

NAHMINT PROPERTY

Title: 2007-2008 Moss Mat Sample Locations

Figure: 3a
Date: February 1, 2009
Drawn by: Dan P. Berkshire
Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

REVERTED CROWN GRANTED MINERAL CLAIMS
(UNDERSURFACE RIGHTS)
CURRENT CROWN GRANTED MINERAL CLAIMS

Indian RESERVE

810000 Series Numbers represents 2008 Moss Mat Sample Locations — 813716

360000 Series Numbers represents 2007 Moss Mat Sample Locations — 362665

Mineral Inventory Layers
- MINFILE as Producer
  - Producer
- MINFILE as Past Producer
  - Past Producer
- MINFILE number /name label
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

0 1500 SCALE 3000 4500 m.

Figure 3a: 2007-2008 Stream Moss Mat Sample Location Map

NAHMINT PROPERTY

Title: Au in ppb (Stream Moss Mats)

Figure: 3b

Date: February 1, 2009

Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

REVERTED CROWN GRANTED MINERAL CLAIMS
(UNDERSURFACE RIGHTS)
CURRENT CROWN GRANTED MINERAL CLAIMS

Indian RESERVE

Moss Mat Samples Au (Gold) in ppb 2008 — 22

Moss Mat Samples Au (Gold) in ppb 2007 — 19

Elevated Value — 229.7

Mineral Inventory Layers
- MINFILE as Producer
- Producer
- MINFILE as Past Producer
- Past Producer
- MINFILE number /name label
- Developed Prospect
- Past Producer
- Producer
- Prospect
- Showing
- All Others

0 1500 SCALE 3000 4500 m.

Figure 3b: Gold ppb in Stream Moss Mats

NAHMINT PROPERTY

Title: Molybdenum (Stream Moss Mats)

Figure: 3c

Date: February 1, 2009

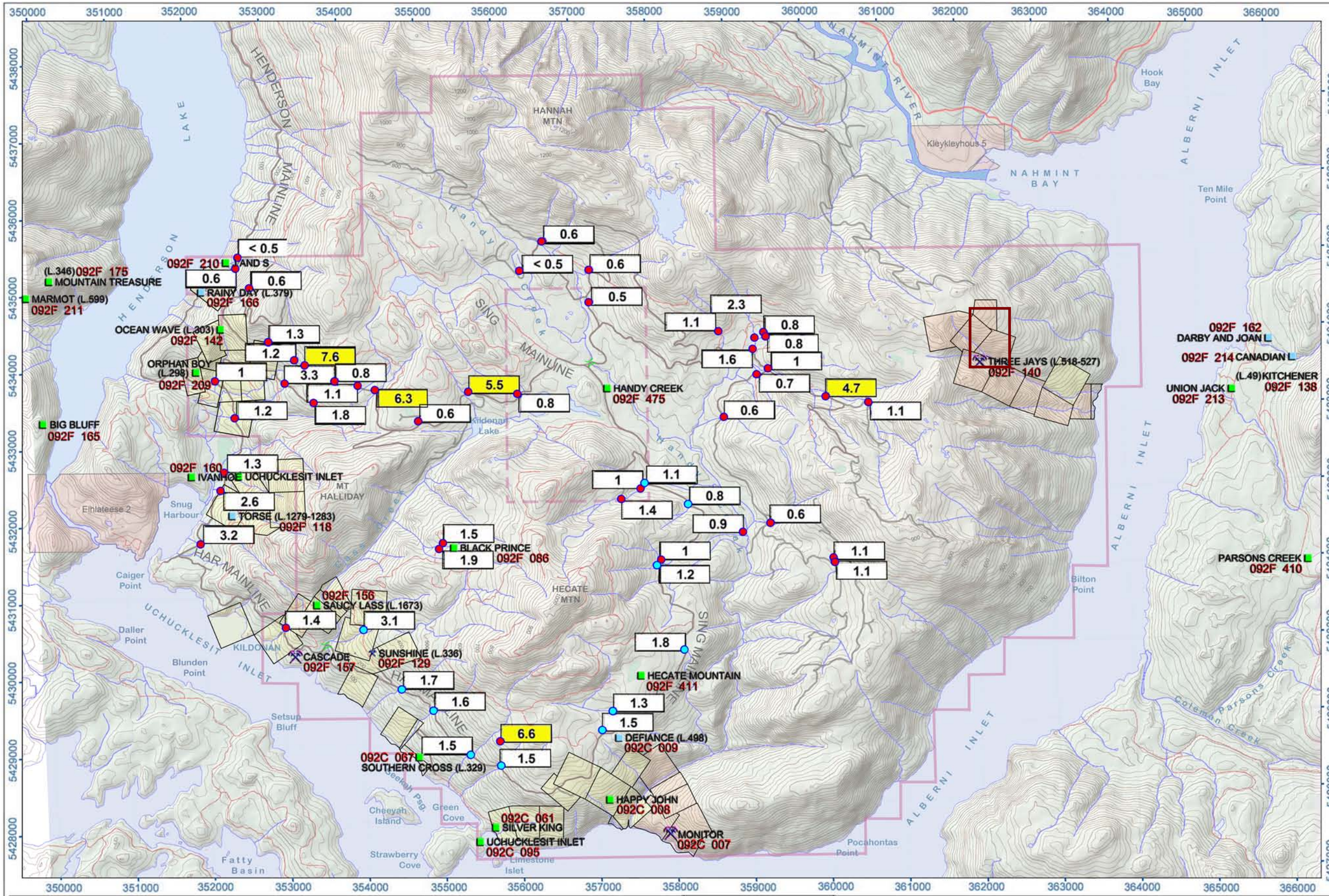
Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009



REVERTED CROWN GRANTED MINERAL CLAIMS
(UNDERSURFACE RIGHTS)
CURRENT CROWN GRANTED MINERAL CLAIMS

Indian RESERVE

Moss Mat Samples Molybdenum in ppm 2008 — 22

Moss Mat Samples Molybdenum in ppm 2007 — 19

Elevated Value — 229.7

Mineral Inventory Layers
- MINFILE as Producer
  - Producer
- MINFILE as Past Producer
  - Past Producer
- MINFILE number /name label
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

0 1500 SCALE 3000 4500 m.

Figure 3c: Molybdenum in Stream Moss Mats

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

NAHMINT PROPERTY

Title: Copper ppm in Moss Mats

Figure: 3d

Date: February 1, 2009

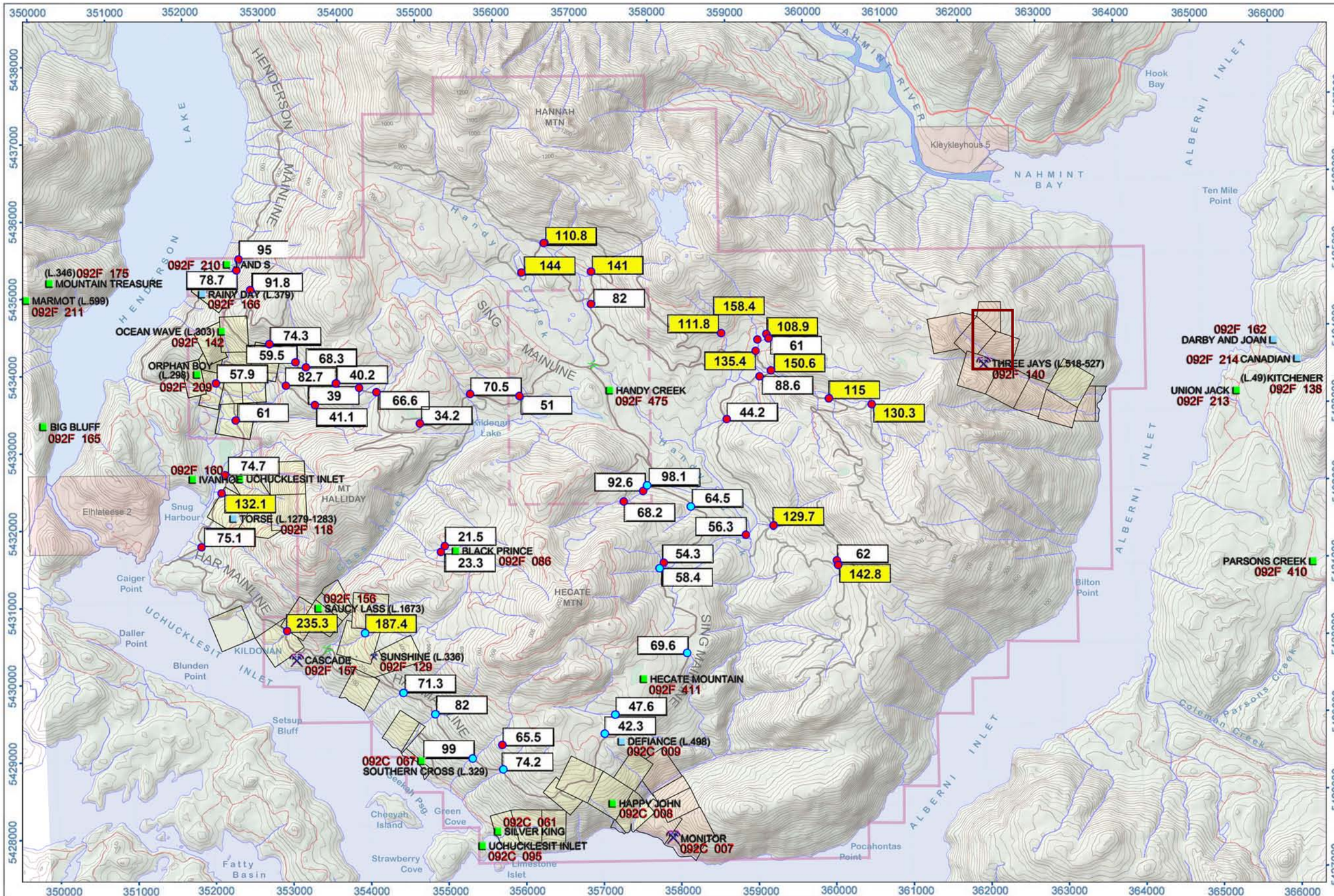
Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009



REVERTED CROWN GRANTED MINERAL CLAIMS
(UNDERSURFACE RIGHTS)
CURRENT CROWN GRANTED MINERAL CLAIMS

Indian RESERVE

Moss Mat Samples Copper in ppm 2008 — 22
Moss Mat Samples Copper in ppm 2007 — 19
Elevated Value — 229.7

Mineral Inventory Layers
- MINFILE as Producer
  - Producer
- MINFILE as Past Producer
  - Past Producer
- MINFILE number /name label
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

0 1500 SCALE 3000 4500 m.

Figure 3d: Copper ppm in Stream Moss Mats

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

NAHMINT PROPERTY

Title: Zinc ppm in Moss Mats

Figure: 3e

Date: February 1, 2009

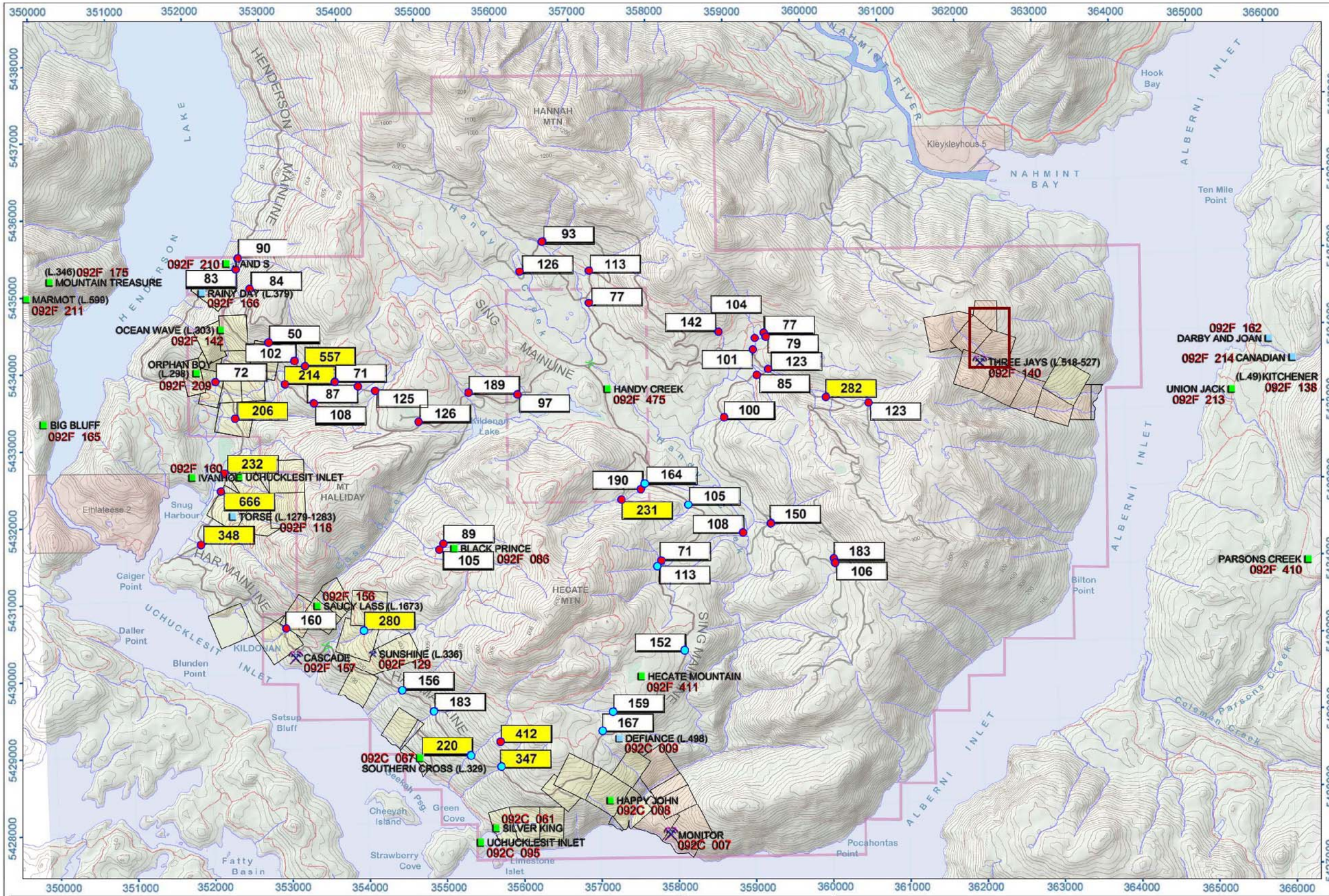
Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009



REVERTED CROWN GRANTED MINERAL CLAIMS (UNDERSURFACE RIGHTS)

CURRENT CROWN GRANTED MINERAL CLAIMS

Indian RESERVE

Moss Mat Samples Zinc in ppm 2008 — 22

Moss Mat Samples Zinc in ppm 2007 — 19

Elevated Value — 229.7

Mineral Inventory Layers
- MINFILE as Producer
  - Producer
- MINFILE as Past Producer
  - Past Producer
- MINFILE number /name label
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

0 1500 SCALE 3000 4500 m.

Figure 3e: Zinc ppm in Stream Moss Mats

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

NAHMINT PROPERTY

Title: Nickel ppm in Moss Mats

Figure: 3f

Date: February 1, 2009

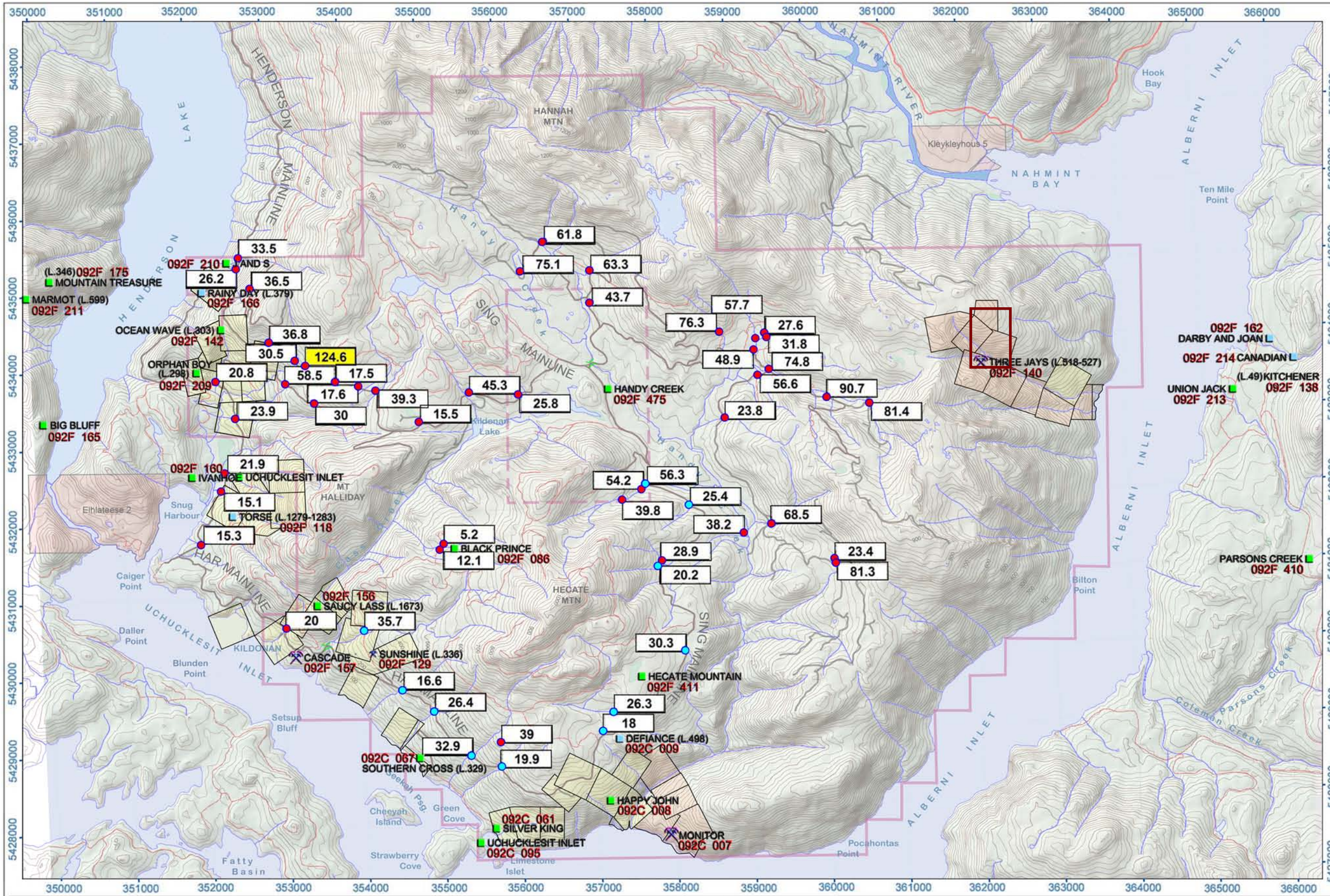
Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009



REVERTED CROWN GRANTED MINERAL CLAIMS
(UNDERSURFACE RIGHTS)
CURRENT CROWN GRANTED MINERAL CLAIMS

Indian RESERVE

Moss Mat Samples Nickel in ppm 2008 — 22

Moss Mat Samples Nickel in ppm 2007 — 19

Elevated Value — 229.7

Mineral Inventory Layers
- MINFILE as Producer
  - Producer
- MINFILE as Past Producer
  - Past Producer
- MINFILE number /name label
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

0 1500 SCALE 3000 4500 m.

Figure 3f : Nickel ppm in Stream Moss Mats

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

NAHMINT PROPERTY

Title: Cobalt ppm in Moss Mats

Figure: 3g

Date: February 1, 2009

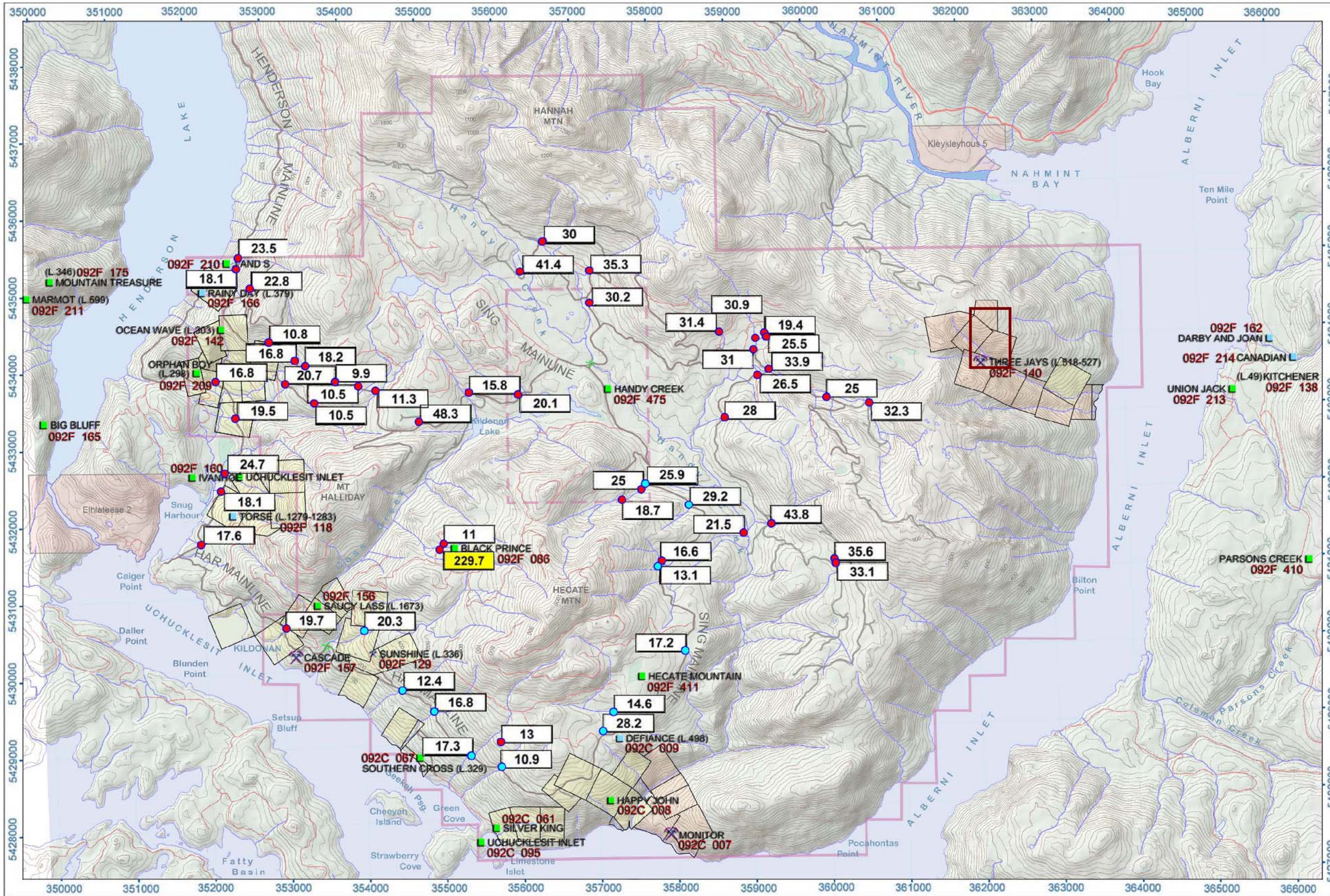
Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009



REVERTED CROWN GRANTED MINERAL CLAIMS
(UNDERSURFACE RIGHTS)
CURRENT CROWN GRANTED MINERAL CLAIMS

Indian RESERVE

Moss Mat Samples Cobalt in ppm 2008 — 22
Moss Mat Samples Cobalt in ppm 2007 — 19
Elevated Value — 229.7

Mineral Inventory Layers
- MINFILE as Producer
  - Producer
- MINFILE as Past Producer
  - Past Producer
- MINFILE number /name label
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

0 1500 SCALE 3000 4500 m.

Figure 3g: Cobalt ppm in Stream Moss Mats

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

NAHMINT PROPERTY

Title: Rock Sampling Locations

Figure: 4a

Date: February 1, 2009

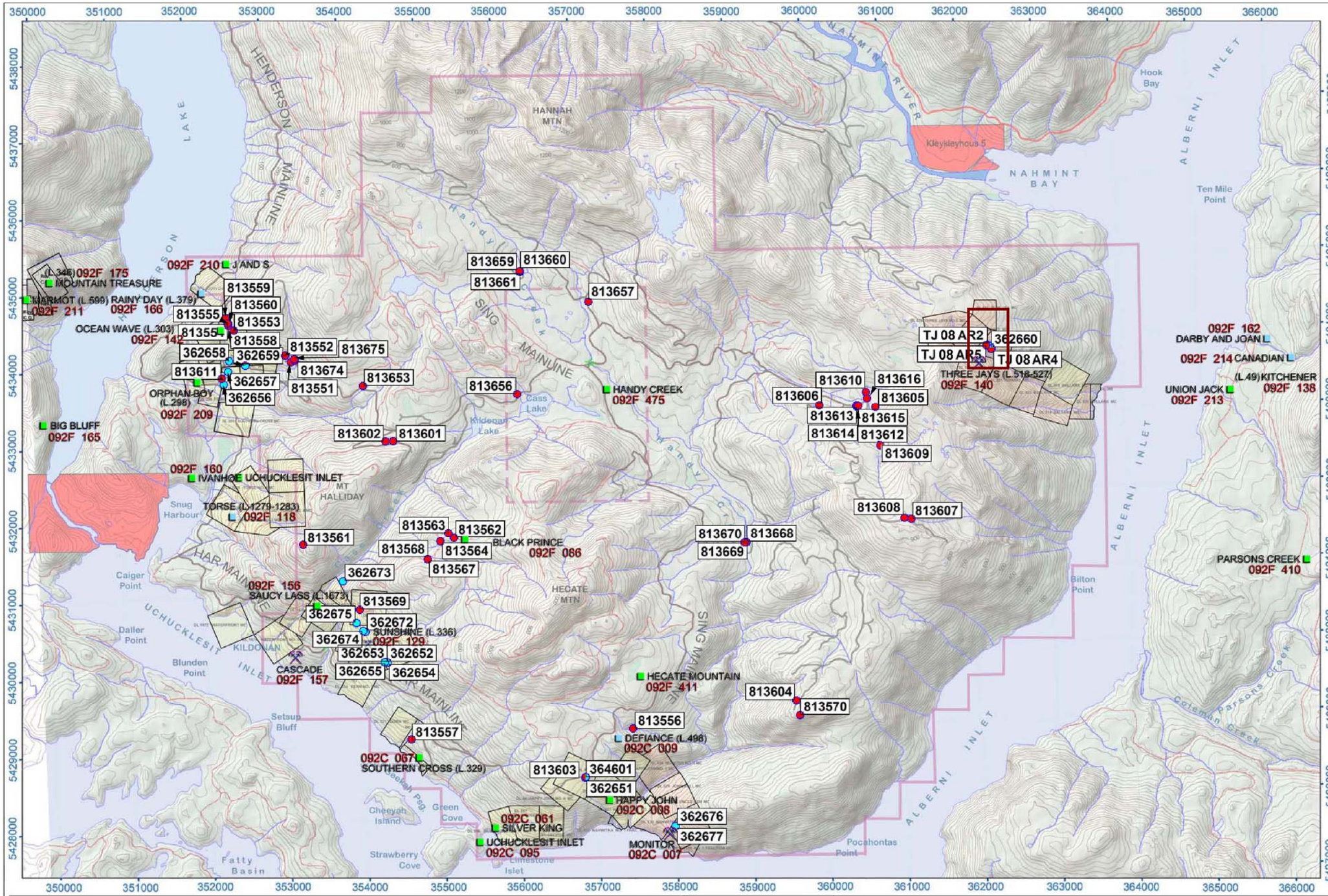
Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

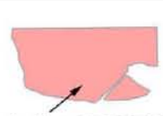


LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

Rock Sample Locations 2008 813557

Rock Sample Locations 2007 362654



Indian RESERVE

Mineral Inventory Layers
- MINFILE as Producer
- Producer
- MINFILE as Past Producer
- Past Producer
- MINFILE number /name label
- Developed Prospect
- Past Producer
- Producer
- Prospect
- Showing
- All Others

0 1500 SCALE 3000 4500 m.

Figure 4a: 2007-2008
Rock Sampling Locations and Numbers by Year

NAHMINT PROPERTY

Title: **Gold ppb in rocks**

Figure: 4b
Date: February 1, 2009
Drawn by: Dan P. Berkshire
Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

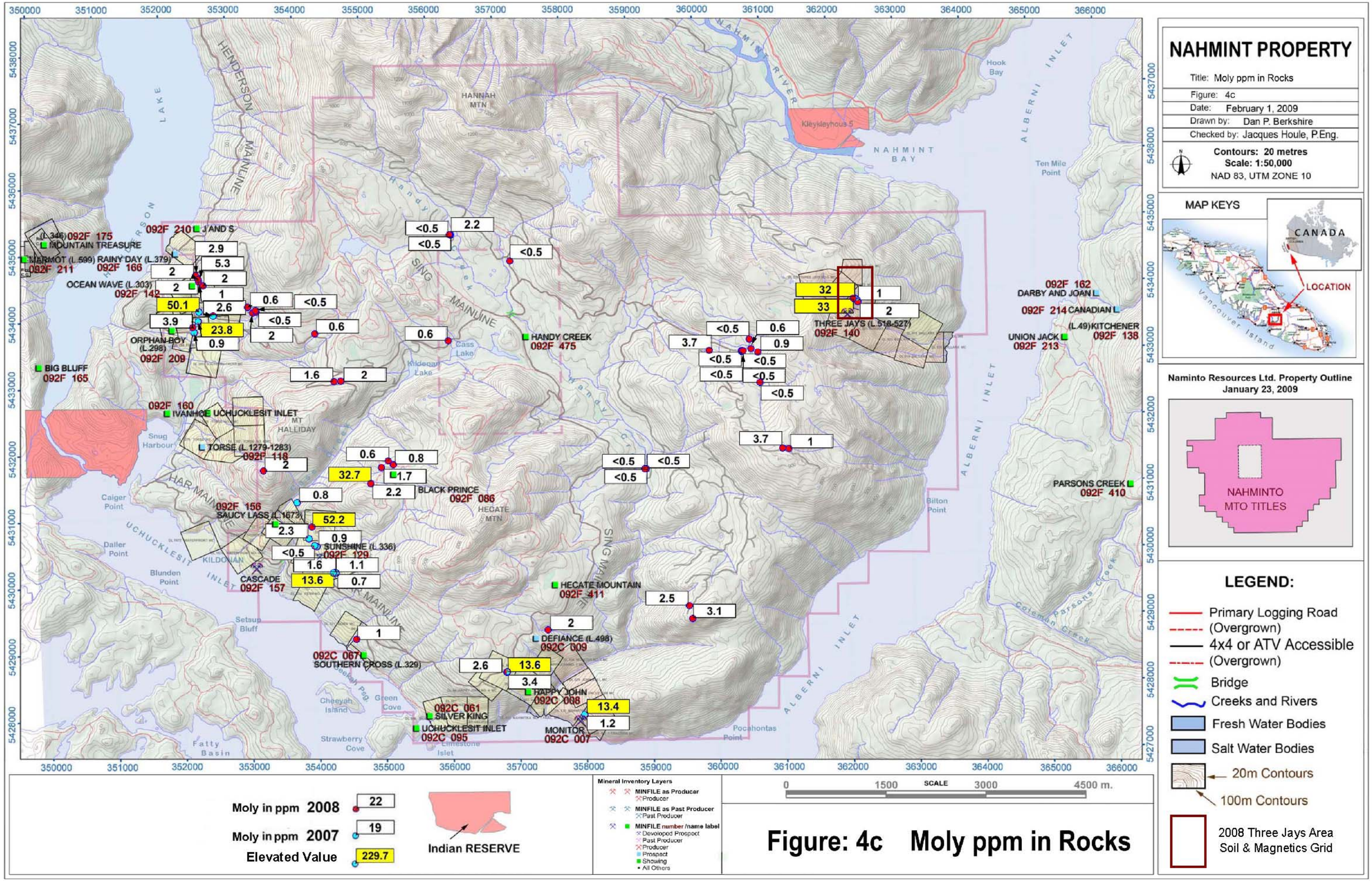
Gold in ppb 2008 — 22
Gold in ppb 2007 — 19
Elevated Value — 229.7

Indian RESERVE

Mineral Inventory Layers
- MINFILE as Producer / Producer
- MINFILE as Past Producer / Past Producer
- MINFILE number /name label: Developed Prospect, Past Producer, Producer, Prospect, Showing, All Others

0 1500 SCALE 3000 4500 m.

Figure: 4b Gold ppb in Rocks


NAHMINT PROPERTY
Title: Moly ppm in Rocks
Figure: 4c
Date: February 1, 2009
Drawn by: Dan P. Berkshire
Checked by: Jacques Houle, P.Eng.
Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10
MAP KEYS
CANADA
LOCATION
Vancouver Island
Naminto Resources Ltd. Property Outline
January 23, 2009
NAHMINTO
MTO TITLES
LEGEND:
Primary Logging Road (Overgrown)
4x4 or ATV Accessible (Overgrown)
Bridge
Creeks and Rivers
Fresh Water Bodies
Salt Water Bodies
20m Contours
100m Contours
2008 Three Jays Area Soil & Magnetics Grid
Moly in ppm 2008 22
Moly in ppm 2007 19
Elevated Value 229.7
Indian RESERVE
Mineral Inventory Layers
MINFILE as Producer
Producer
MINFILE as Past Producer
Past Producer
MINFILE number /name label
Developed Prospect
Past Producer
Producer
Prospect
Showing
All Others
SCALE
0 1500 3000 4500 m.
HENDERSON MAINLINE
HANNAH MTN
NAHMINT RIVER
NAHMINT BAY
Kleykleyhous 5
Hook Bay
ALBERNI INLET
Ten Mile Point
SING MAINLINE
Handy Creek
Cass Lake
Kildonan Lake
HANDY CREEK 092F 475
THREE JAYS (L.518-527) 092F 140
092F 162 DARBY AND JOAN
092F 214 CANADIAN
(L.49) KITCHENER 092F 138
UNION JACK 092F 213
PARSONS CREEK 092F 410
BIG BLUFF 092F 165
092F 160 IVANHOE
UCHUCKLESIT INLET
MT HALLIDAY
TORSE (L.1279-1283) 092F 118
BLACK PRINCE 092F 086
HECATE MTN
HAR MAINLINE
092F 156 SAUCY LASS (L.1673)
SUNSHINE (L.336) 092F 129
CASCADE 092F 157
KILDONAN
HECATE MOUNTAIN 092F 411
DEFIANCE (L.498) 092C 009
092C 067 SOUTHERN CROSS (L.329)
HAPPY JOHN 092C 008
092C 061 SILVER KING
UCHUCKLESIT INLET 092C 095
MONITOR 092C 007
Snug Harbour
Caiger Point
Daller Point
Blunden Point
Setsup Bluff
Cheeyah Island
Green Cove
Strawberry Cove
Fatty Basin
Limestone Islet
Pocahontas Point
Bilton Point
Coleman Creek
Parsons Creek
092F 175 MOUNTAIN TREASURE
(L.346) 092F 210 J AND S
MARMOT (L.599) 092F 211
RAINY DAY (L.379) 092F 166
OCEAN WAVE (L.303) 092F 142
ORPHAN BOY (L.298) 092F 209
Figure: 4c Moly ppm in Rocks

NAHMINT PROPERTY

Title: **Copper ppm in Rocks**

Figure: **4d**

Date: February 1, 2009

Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

Copper in ppm 2008 — 22

Copper in ppm 2007 — 19

Elevated Value — 229.7

Indian RESERVE

Mineral Inventory Layers
- MINFILE as Producer / Producer
- MINFILE as Past Producer / Past Producer
- MINFILE number /name label
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

0 1500 SCALE 3000 4500 m.

Figure: 4d Copper ppm in Rocks

NAHMINT PROPERTY

Title: **Zinc ppm in Rocks**

Figure: **4e**

Date: February 1, 2009

Drawn by: Dan P. Berkshire

Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid

Zinc in ppm 2008 — 22

Zinc in ppm 2007 — 19

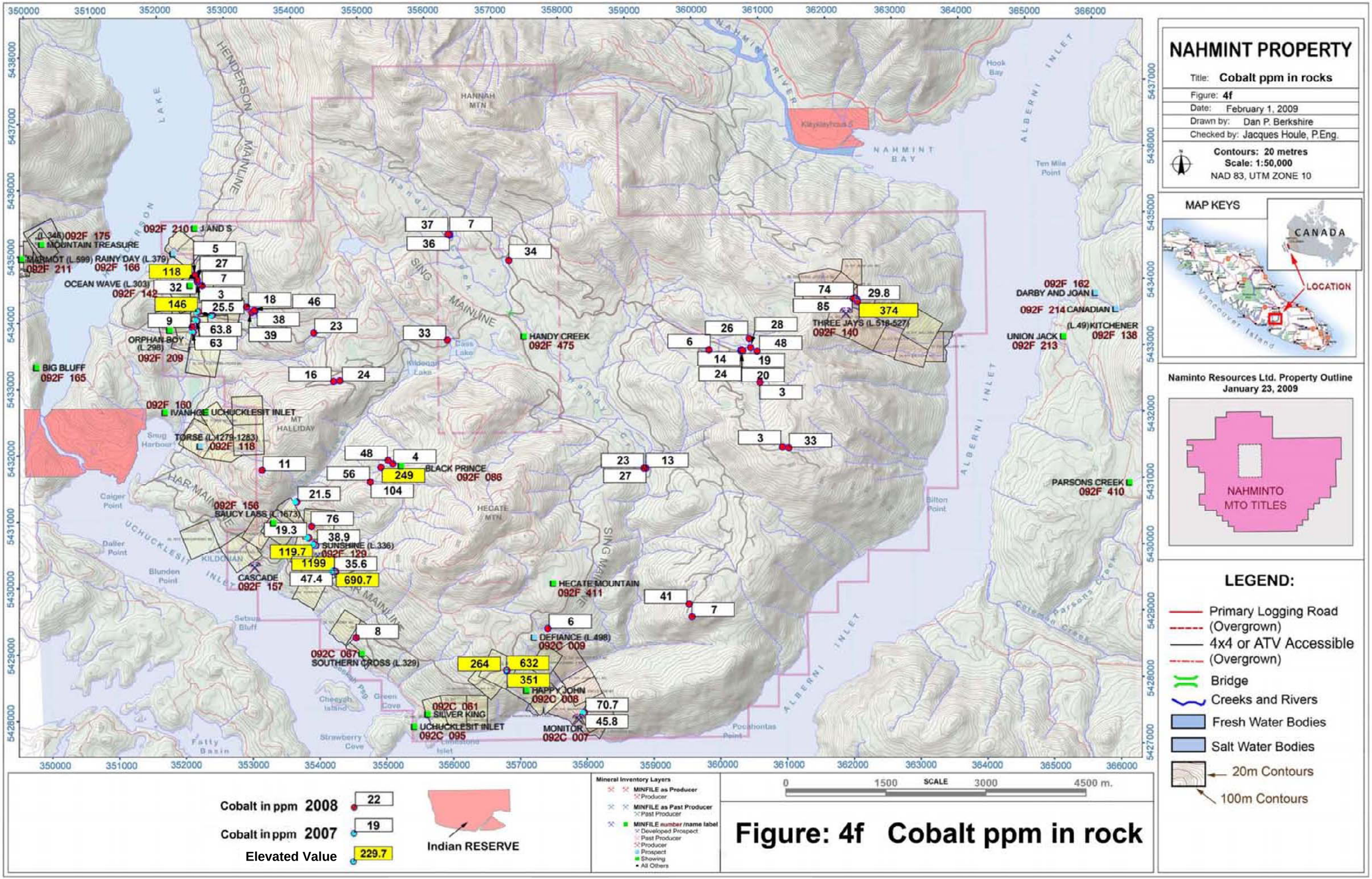
Elevated Value — 229.7

Indian RESERVE

Mineral Inventory Layers
- MINFILE as Producer
  - Producer
- MINFILE as Past Producer
  - Past Producer
- MINFILE number /name label
  - Developed Prospect
  - Past Producer
  - Producer
  - Prospect
  - Showing
  - All Others

SCALE 0 1500 3000 4500 m.

Figure: 4e Zinc ppm in Rocks


NAHMINT PROPERTY
Title: Cobalt ppm in rocks
Figure: 4f
Date: February 1, 2009
Drawn by: Dan P. Berkshire
Checked by: Jacques Houle, P.Eng.
Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10
MAP KEYS
CANADA
LOCATION
Vancouver Island
Naminto Resources Ltd. Property Outline
January 23, 2009
NAHMINTO
MTO TITLES
LEGEND:
Primary Logging Road
(Overgrown)
4x4 or ATV Accessible
(Overgrown)
Bridge
Creeks and Rivers
Fresh Water Bodies
Salt Water Bodies
20m Contours
100m Contours
Cobalt in ppm 2008
Cobalt in ppm 2007
Elevated Value
Indian RESERVE
Mineral Inventory Layers
MINFILE as Producer
Producer
MINFILE as Past Producer
Past Producer
MINFILE number /name label
Developed Prospect
Past Producer
Producer
Prospect
Showing
All Others
SCALE
0
1500
3000
4500 m.
HENDERSON MAINLINE
SING MAINLINE
HAR MAINLINE
NAHMINT BAY
ALBERNI INLET
UCHUCKLESIT INLET
HANNAH MTN
HECATE MTN
MT HALLIDAY
Hook Bay
Ten Mile Point
Bilton Point
Pocahontas Point
Caiger Point
Daller Point
Blunden Point
Setsun Bluff
Cheeyah Island
Green Cove
Strawberry Cove
Fatty Basin
Snug Harbour
Kildonan
Kildonan Lake
Cass Lake
Parsons Creek
Coleman Creek
092F 175
MOUNTAIN TREASURE
MARMOT (L.599)
RAINY DAY (L.379)
092F 211
092F 166
OCEAN WAVE (L.303)
092F 142
092F 210
J AND S
ORPHAN BOY (L.298)
092F 209
BIG BLUFF
092F 165
092F 160
IVANHOE
UCHUCKLESIT INLET
TORSE (L.1279-1283)
092F 118
092F 156
SAUCY LASS (L.1673)
SUNSHINE (L.336)
092F 129
CASCADE
092F 157
092C 067
SOUTHERN CROSS (L.329)
092C 061
SILVER KING
UCHUCKLESIT INLET
092C 095
HANDY CREEK
092F 475
BLACK PRINCE
092F 086
HECATE MOUNTAIN
092F 411
DEFIANCE (L.498)
092C 009
HAPPY JOHN
092C 008
MONITOR
092C 007
THREE JAYS (L.518-527)
092F 140
092F 162
DARBY AND JOAN
092F 214
CANADIAN
(L.49) KITCHENER
092F 138
UNION JACK
092F 213
PARSONS CREEK
092F 410
Kleyklayhouse
Figure: 4f Cobalt ppm in rock

NAHMINT PROPERTY

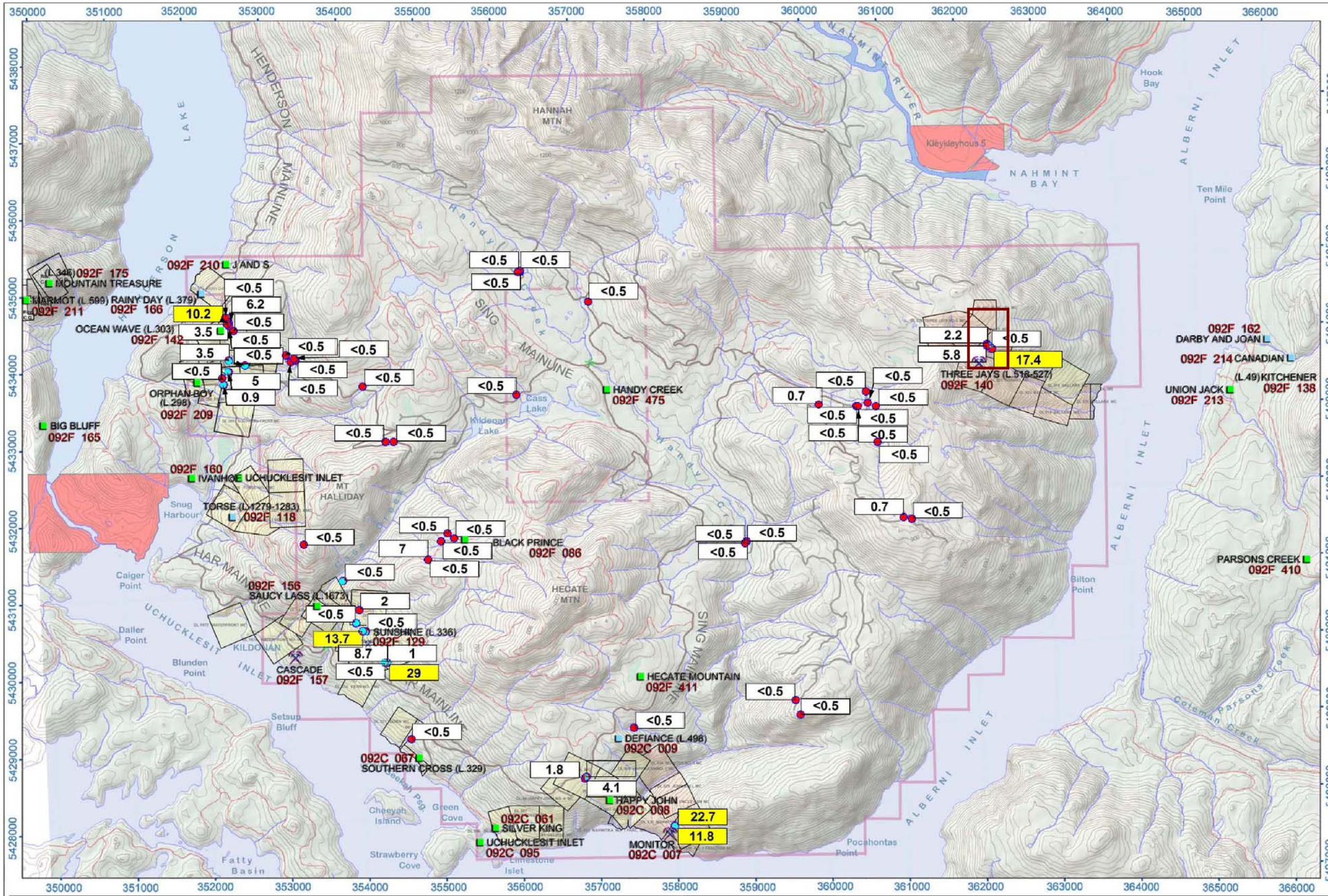
Title: **Silver ppm in Rocks**

Figure: 4g
Date: February 1, 2009
Drawn by: Dan P. Berkshire
Checked by: Jacques Houle, P.Eng.

Contours: 20 metres
Scale: 1:50,000
NAD 83, UTM ZONE 10

MAP KEYS

Naminto Resources Ltd. Property Outline
January 23, 2009



Silver in ppm 2008 — 22
Silver in ppm 2007 — 19
Elevated Value — 229.7

Indian RESERVE

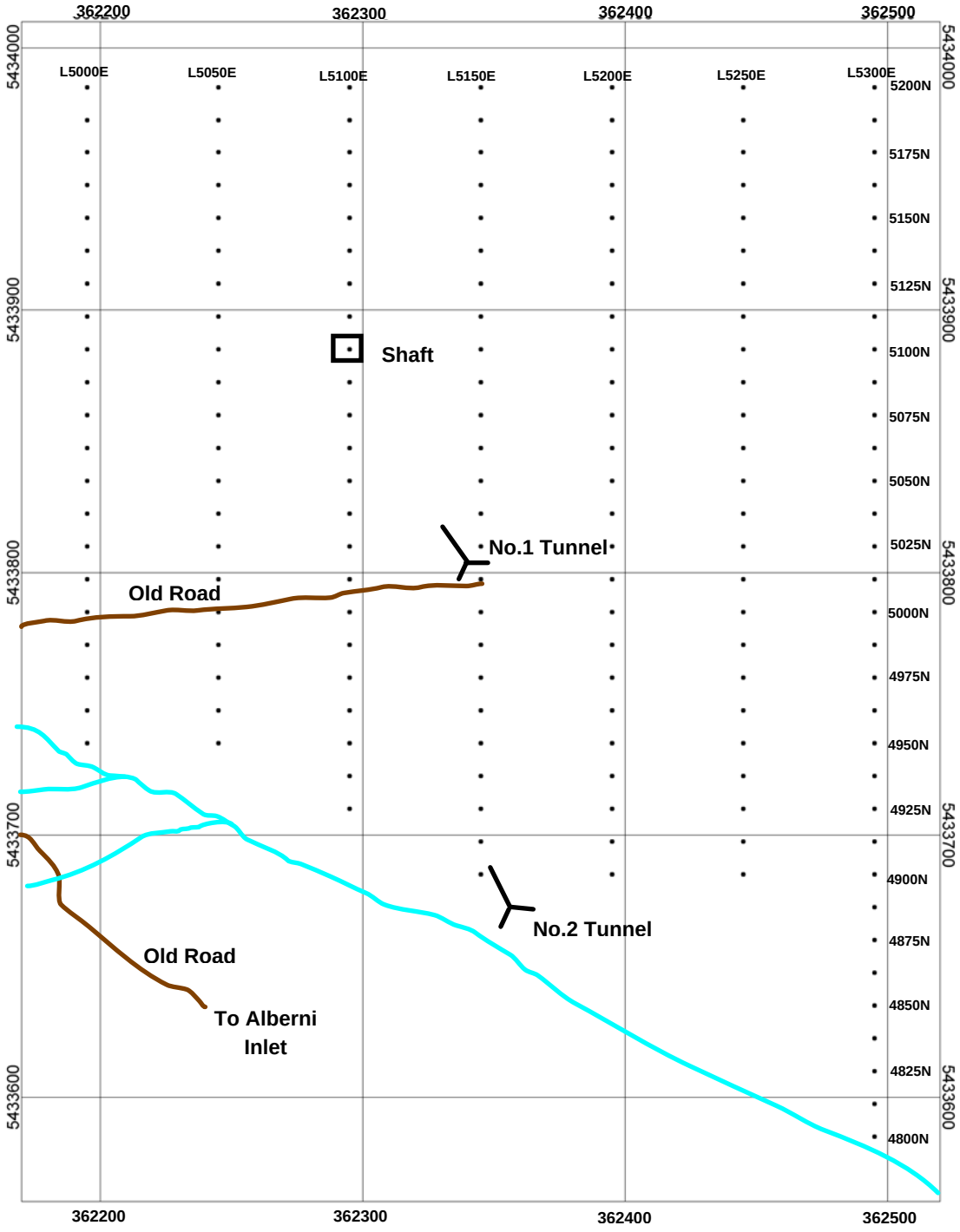
Mineral Inventory Layers
- MINFILE as Producer / Producer
- MINFILE as Past Producer / Past Producer
- MINFILE number /name label: Developed Prospect, Past Producer, Producer, Prospect, Showing, All Others

0 1500 SCALE 3000 4500 m.

Figure: 4g Silver ppm in Rocks

LEGEND:

- Primary Logging Road
- (Overgrown)
- 4x4 or ATV Accessible
- (Overgrown)
- Bridge
- Creeks and Rivers
- Fresh Water Bodies
- Salt Water Bodies
- 20m Contours
- 100m Contours
- 2008 Three Jays Area Soil & Magnetics Grid



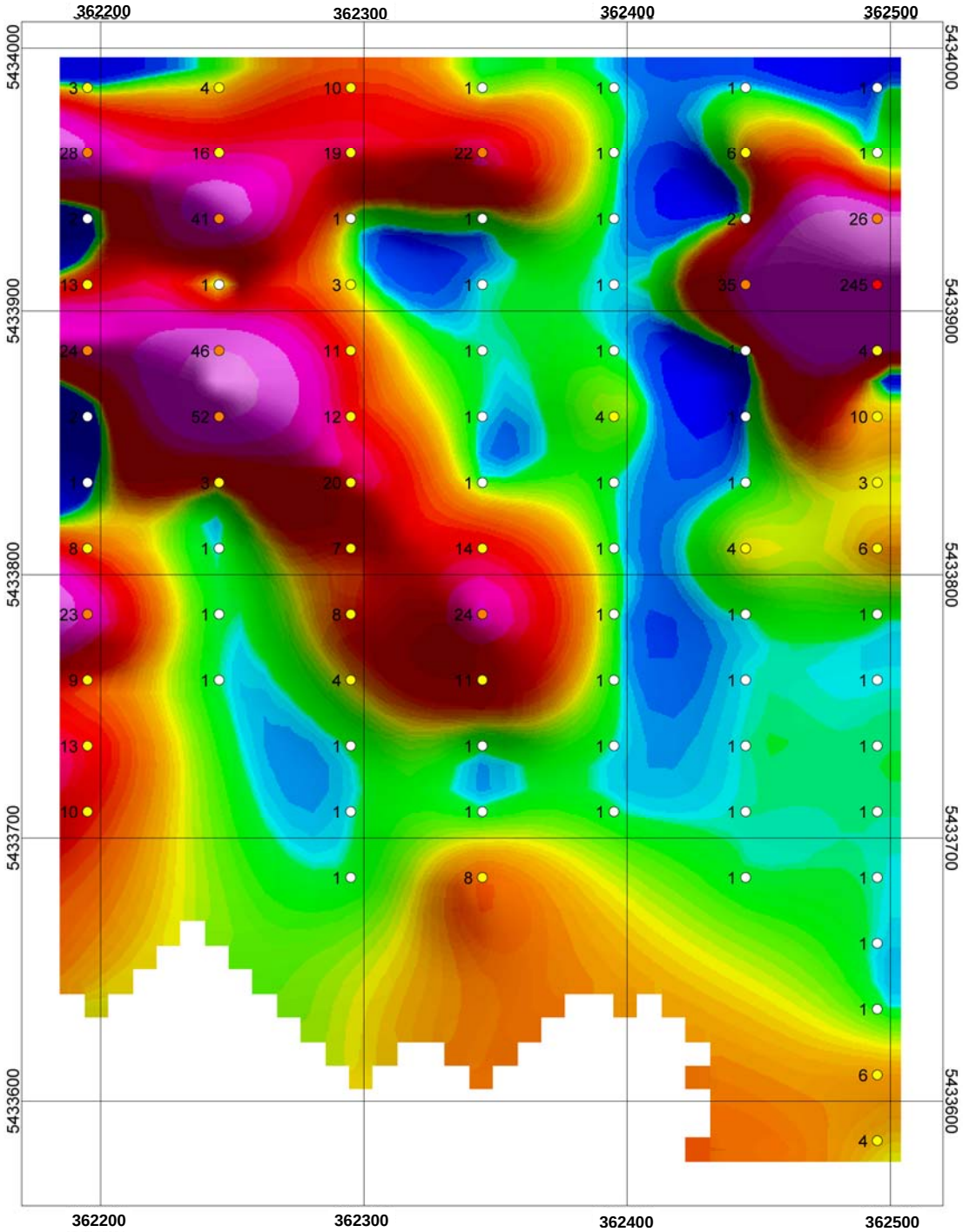
• Flag Grid Station Location

25 0 25 50 75
(meters)
Nad 83 / UTM zone 10N

Nahmint Project Three Jays Area

2008 Grid Location

Figure 5a



Gold

- > 200
- 20 - 200
- 2 - 20
- < 2

25 0 25 50 75

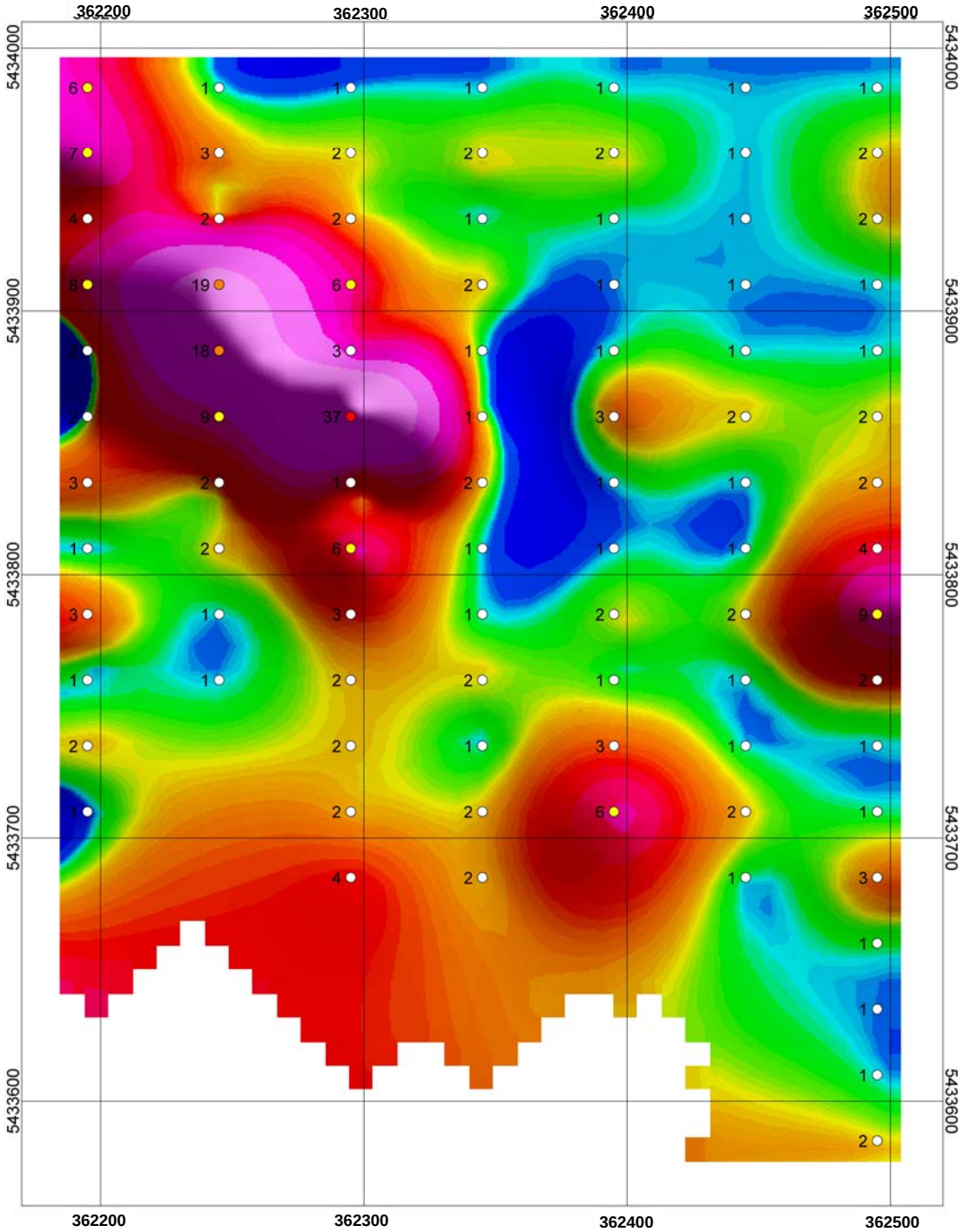
(meters)

Nad 83 / UTM zone 10N

Nahmint Project Three Jays Area

Gold ppb in Soils

Figure 5b



Molybdenum

- > 25
- 10 - 25
- 4 - 10
- < 4

25 0 25 50 75

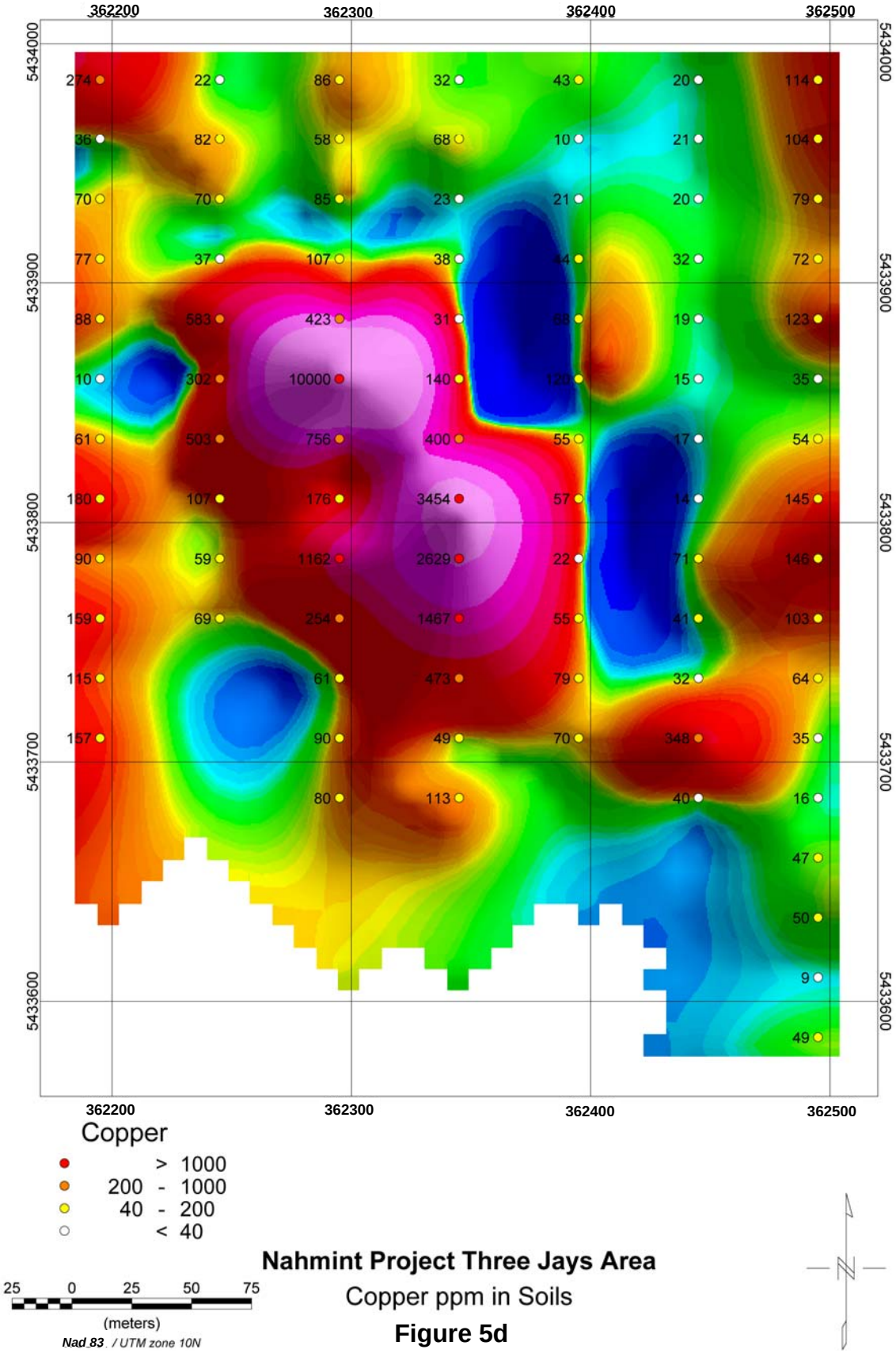
(meters)

Nad 83 / UTM zone 10N

Nahmint Project Three Jays Area

Molybdenum ppm in Soils

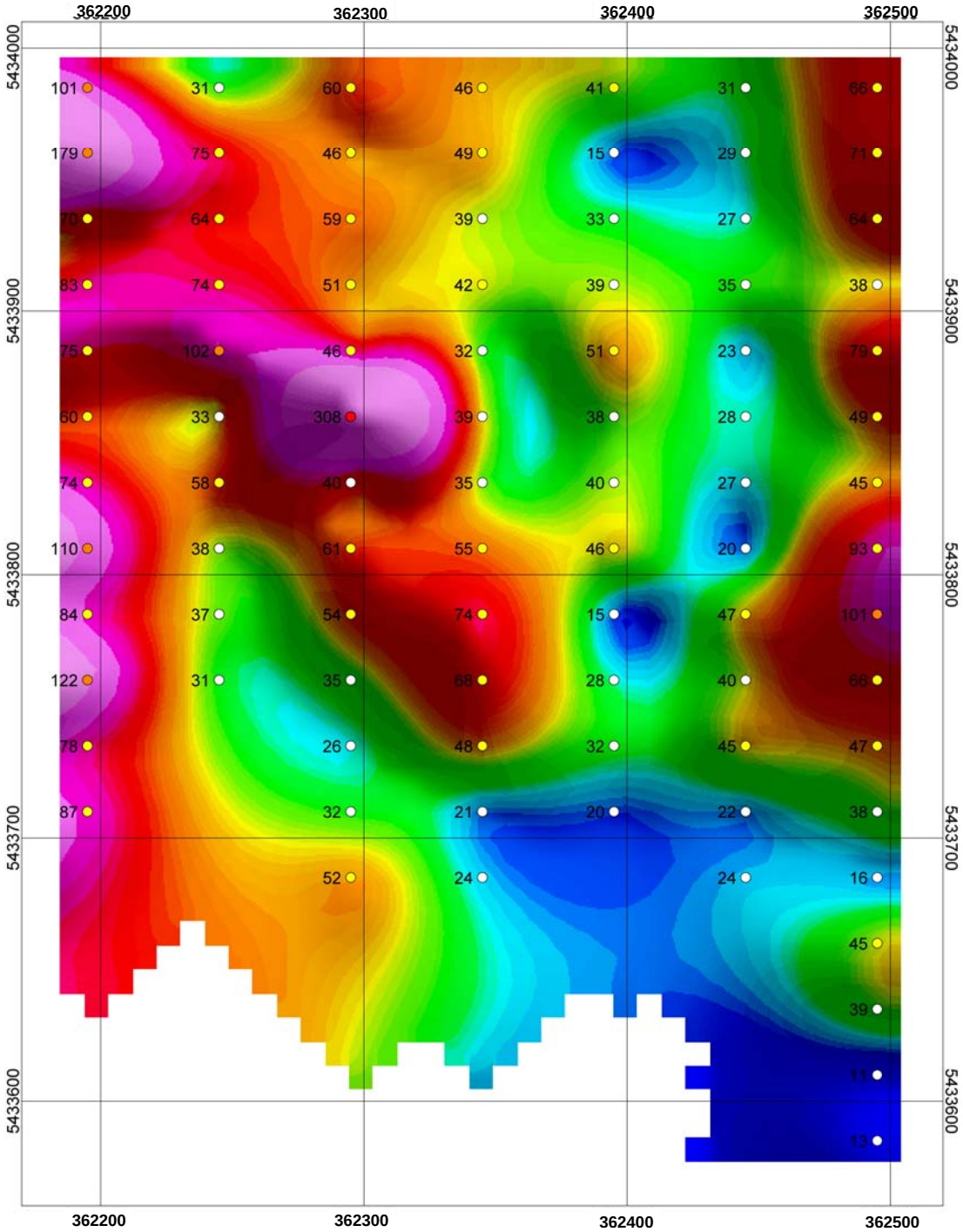
Figure 5c



Nahmint Project Three Jays Area

Copper ppm in Soils

Figure 5d



Zinc

- > 250
- 100 - 250
- 40 - 100
- < 40

25 0 25 50 75

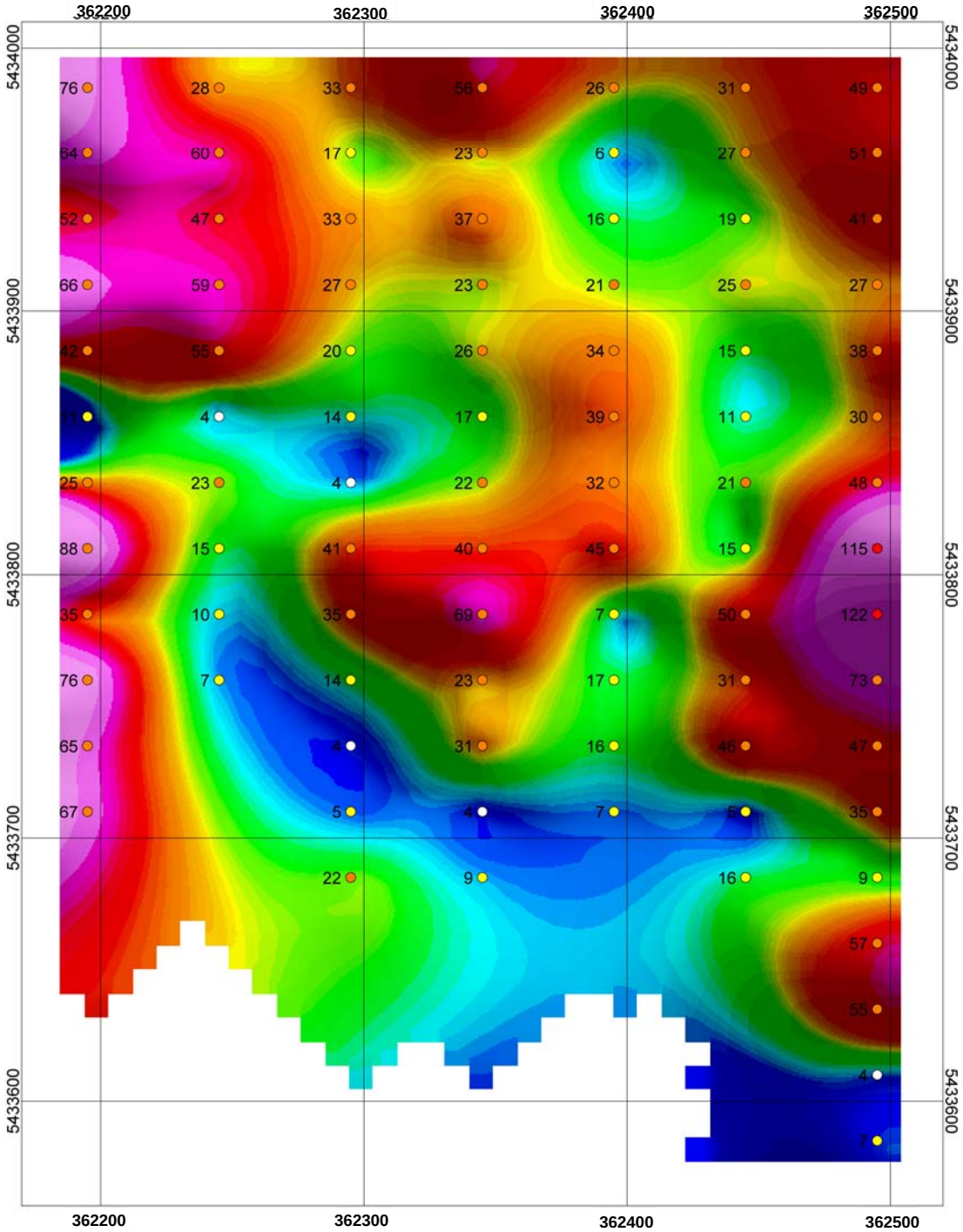
(meters)

Nad 83 / UTM zone 10N

Nahmint Project Three Jays Area

Zinc ppm in Soils

Figure 5e



Nickel

- > 100
- 20 - 100
- 4 - 20
- < 4

25 0 25 50 75

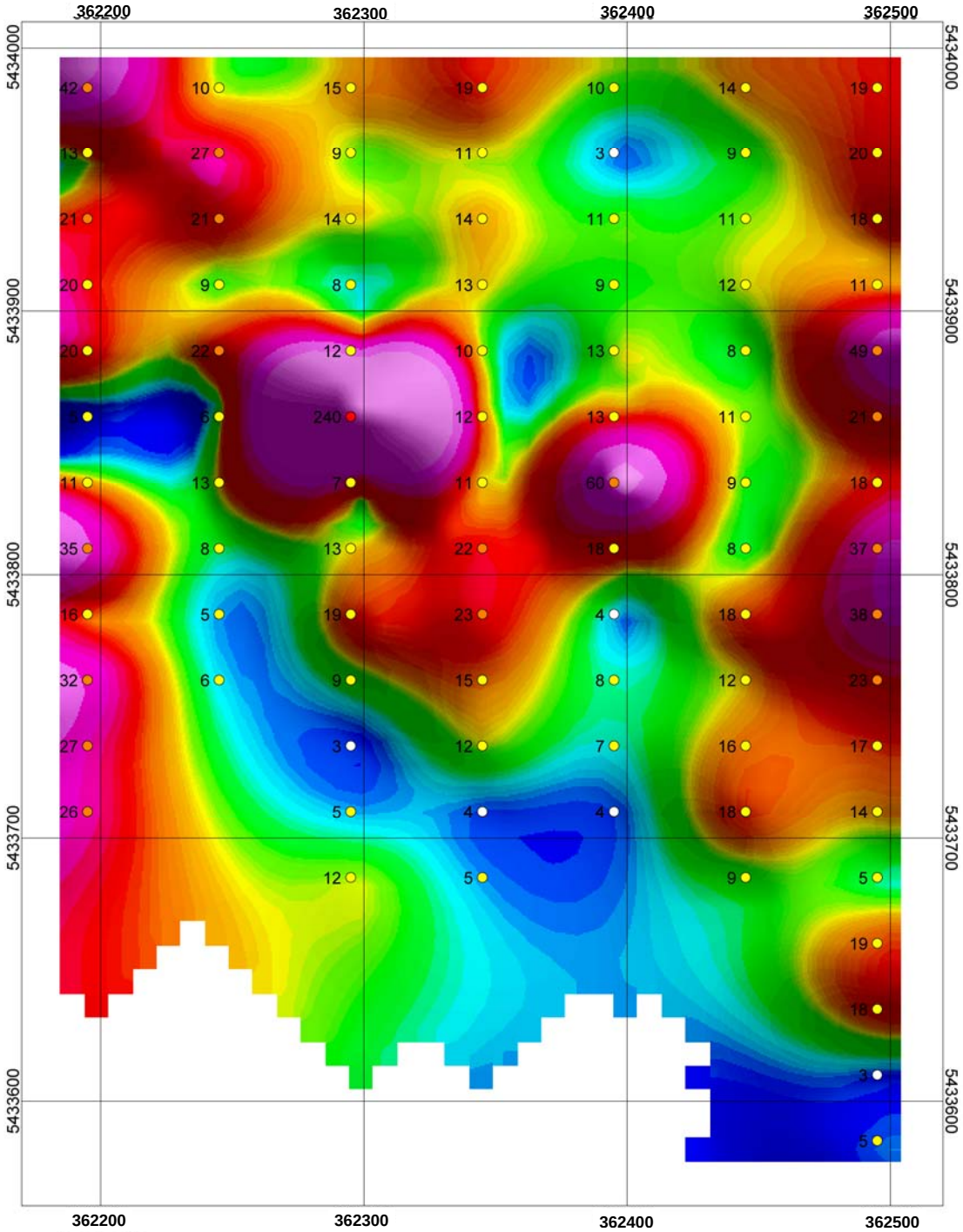
(meters)

Nad 83 / UTM zone 10N

Nahmint Project Three Jays Area

Nickel ppm in Soils

Figure 5f



Cobalt

- > 100
- 20 - 100
- 4 - 20
- < 4

Nahmint Project Three Jays Area

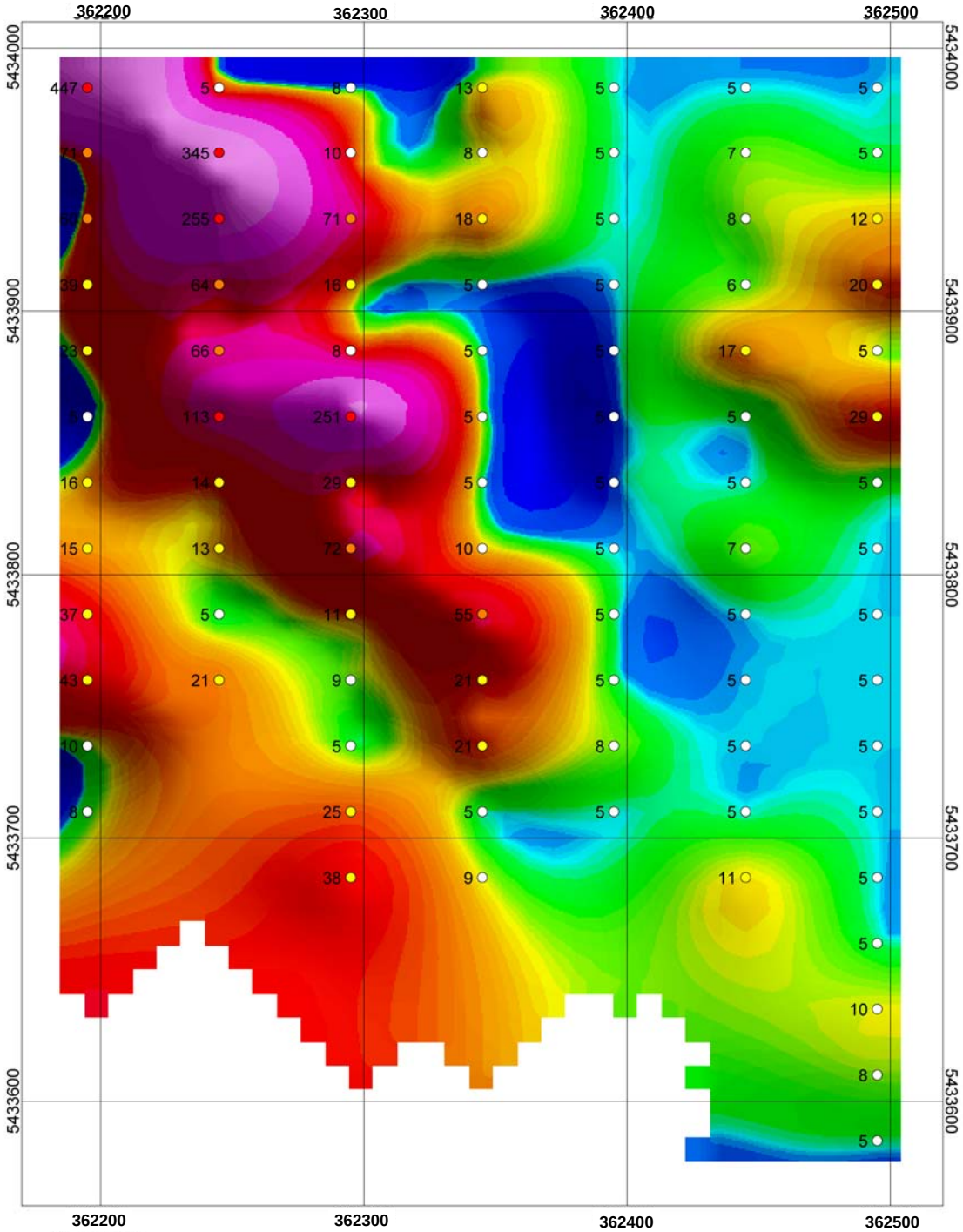
Cobalt ppm in Soils

Figure 5g

25 0 25 50 75

(meters)

Nad 83 / UTM zone 10N



Arsenic

- > 200
- 20 - 200
- 2 - 20
- < 2

25 0 25 50 75

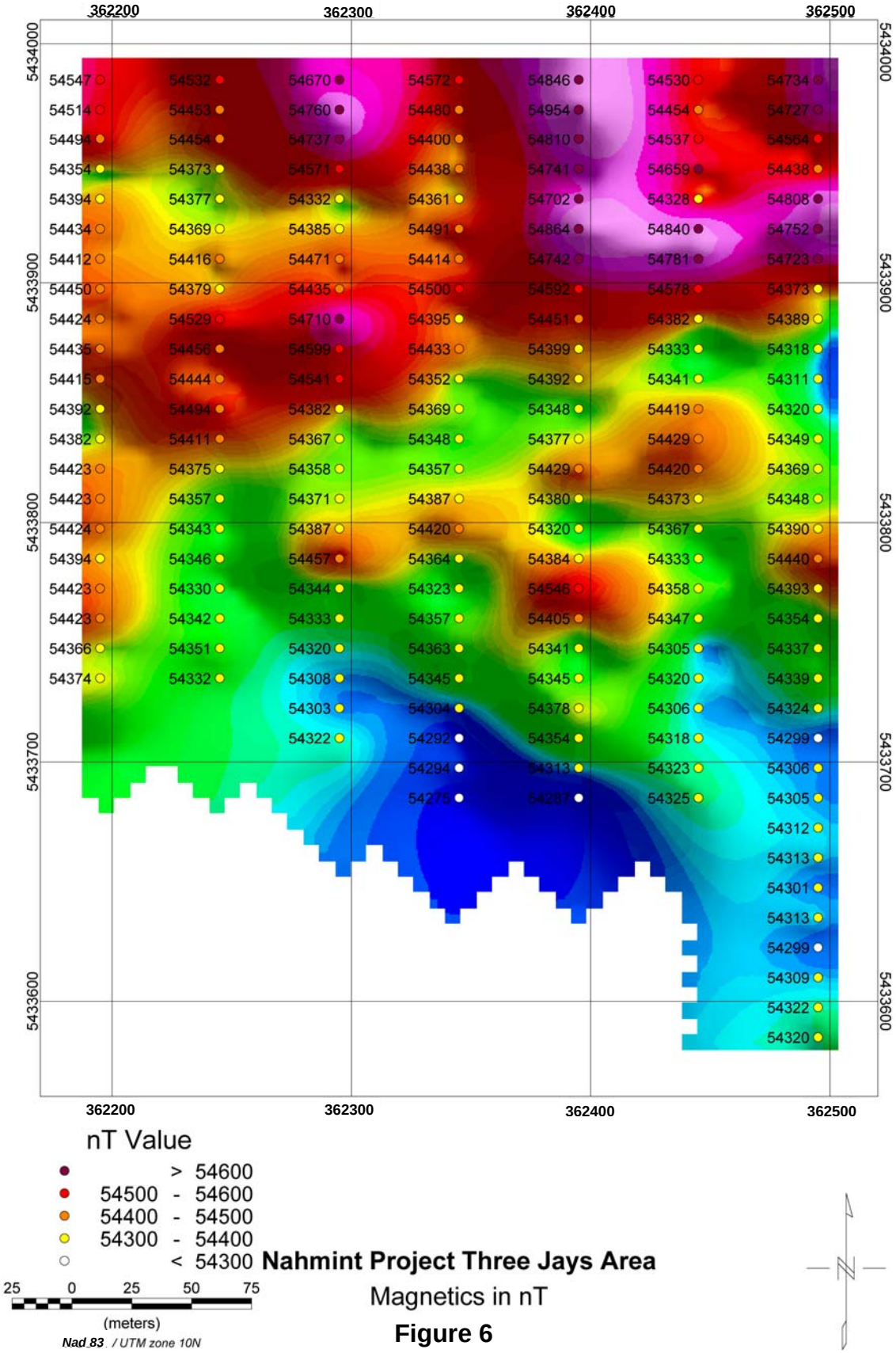
(meters)

Nad 83 / UTM zone 10N

Nahmint Project Three Jays Area

Arsenic ppm in Soils

Figure 5h



Nahmint Project Three Jays Area

Magnetics in nT

Figure 6

Appendix 1

Rock Sample Locations
Rock Sample Descriptions
Rock Sample Geochemistry
Rock Sample Highlights
Stream Moss Mat Sample Locations
Stream Moss Mat Sample Geochemistry
Stream Moss Mat Sample Highlights
Soil Sample Locations
Soil Sample Geochemistry
Soil Sample Highlights

2006&2007&2008 Rock Sample Locations for Nahmint Project

Sample #	Date	Sampler	Property	Location	Details	UTM Zone	Easting	Northing	Elevation
364551	Apr-May, 2006	McMaster, H.	Nahmint	claim 525111 along Danolyn logging road spur west of Three Jays	outcrop grab from roadcut		location not recorded by GPS		
364552	June, 2006	McMaster, H.	Nahmint	claim 525100 along south side of creek near Three Jays	outcrop grab		location not recorded by GPS		
364553	June, 2006	McMaster, H.	Nahmint	claim 525100 along south side of creek near Three Jays	outcrop grab		location not recorded by GPS		
364554	June, 2006	McMaster, H.	Nahmint	claim 525100 along south side of creek near Three Jays	outcrop grab		location not recorded by GPS		
364555	June, 2006	McMaster, H.	Nahmint	claim 525100 along south side of creek near Three Jays	outcrop grab		location not recorded by GPS		
364556	June, 2006	McMaster, H.	Nahmint	claim 525100 along south side of creek near Three Jays	outcrop grab		location not recorded by GPS		
364557	June, 2006	McMaster, H.	Nahmint	claim 525100 along south side of creek near Three Jays	outcrop grab		location not recorded by GPS		
364558	June, 2006	McMaster, H.	Nahmint	claim 525100 along south side of creek near Three Jays	outcrop grab		location not recorded by GPS		
364559	Apr-May, 2006	McMaster, H.	Nahmint	claim 529233 along Danolyn logging road spur north of Three Jays	outcrop grab from roadcut		location not recorded by GPS		
364560	Apr-May, 2006	McMaster, H.	Nahmint	claim 529233 along Danolyn logging road spur north of Three Jays	outcrop grab from roadcut		location not recorded by GPS		
364561	Apr-May, 2006	McMaster, H.	Nahmint	claim 525100 along Danolyn logging road spur north of Three Jays	outcrop grab from roadcut		location not recorded by GPS		
364562	Apr-May, 2006	McMaster, H.	Nahmint	claim 525100 along Danolyn logging road spur north of Three Jays	outcrop grab from roadcut		location not recorded by GPS		
364601	Jun-13-2007	McMaster, H.	Nahmint	select outcrop grab from roadbed on former Green Mountain c.g.	0.2 m.+ thick skarn mineralization @ 060/30 exposed over 2x2 m. 1-2 m. west of intrusive contact @ 150/90	10N	356847	5428456	402
362651	Jun-14-2007	Houle, J.	Nahmint	select outcrop grab from roadbed on former Green Mountain c.g.	0.2 m.+ thick skarn mineralization @ 060/30 exposed over 2x2 m. 0-1 m. west of intrusive contact @ 150/90	10N	356847	5428456	402
362652	Jun-21-2007	Houle, J.	Nahmint	select outcrop grab from shaft collar on former Sunshine c.g.	1.0 m. thick skarn mineralization @ 170/90 exposed over 1.5 m. vertical depth - sheared contacts within intrusive	10N	354329	5430066	289
362653	Jun-21-2007	Houle, J.	Nahmint	select outcrop grab from adit back near face directly under shaft	1.0 m. thick skarn mineralization @ 350/70 exposed over 7 m. in back of adit - sheared contacts within intrusive	10N	354329	5430066	284
362654	Jun-21-2007	Houle, J.	Nahmint	select muck pile grab 25 m. and downhill from shaft and adit	0.5 m. thick, oxidized and broken rock pile on slope exposed over 2x2 m.	10N	354347	5430057	284
362655	Jun-21-2007	Houle, J.	Nahmint	select outcrop grab from skarn zone in bluff 20 m. west of shaft, adit	1.0 m. thick skarn mineralization @ 330/40 exposed over 3 m. dip length with limestone footwall, intrusive hangingwall	10N	354309	5430062	278
362656	Sep-10-2007	Houle, J.	Nahmint	select outcrop grab from skarn zone in bluff 10m. East of rd. junction	0.25 m. thick skarn mineralization @ 335/25 exposed over 10 m. length hosted by fractured limestone	10N	352373	5433750	79
362657	Sep-10-2007	Houle, J.	Nahmint	select outrcrop grab from skarn vein in road cut east side Handy ML	0.05 m. thick oxidized skarn mineralization @ 305/70 exposed over 10 m. length hosted by felsic intrusive	10N	352436	5433914	119
362658	Sep-10-2007	Houle, J.	Nahmint	select outcrop grab from skarn zone in road cut north side Handy ML	1.5 m. thick skarn mineralization @ 155/50 cut/drag folded by fault @ 075/70 west of old adit in diabase over 15-25m.	10N	352454	5434054	156
362659	Sep-10-2007	Houle, J.	Nahmint	select outcrop grab from skarn vein in road cut north side Handy ML	0.2 m. thick skarn/porphyry mineralization @ 110/90 hosted by pyritic feldspar porphyry intrusive? Exposed over 5-15 m.	10N	352661	5433986	193
362660	Sep-11-2007	Houle, J.	Nahmint	select outcrop grab from skarn zone W.side adit #1 collar JJJ mine	0.2 to 2.0m. Thick skarn mineralization @180/70 with limestone cut by fault zone @220/40	10N	362314	5433841	525
362672	Sep-13-2007	Houle, J.	Nahmint	select outcrop grab from skarn zone in Sunshine Ck bed south side	0.5 to 1.5 m. thick skarn mineralization @125/30 between massive garnetite in HW and conformable marble in FW	10N	354075	5430461	278
362673	Sep-13-2007	Houle, J.	Nahmint	select outcrop grab from skarn vein in Sunshine Ck north side wall	0.2 m. thick skarn mineralization in shear zone @ 070/75 surrounded by garnetite possibly offsetting zone above	10N	354069	5430462	278
362674	Sep-13-2007	Houle, J.	Nahmint	select outcrop grab from skarn zone in Sunshine Ck bed middle	0.1 to 1.0 m. thick skarn halo along contact @ 160/90 between garnetite (E) and limestone (W) bedded @ 115/20	10N	354047	5430478	287
362675	Sep-13-2007	Houle, J.	Nahmint	select outcrop grab from skarn zone along Sing ML rockcut N. side	0.25 m. thick skarn in shear zone @ 130/90 along contact between garnetite and wedge of limestone faulted @ 220/70	10N	353966	5430583	292
362676	Oct-15-2007	Houle, J.	Nahmint	select muck pile grab from wall adjacent to trench on Monitor c.g.	0.2 metre rock fragment from 4 metres south of trench face containing limestone @ 196/70, karst, intrusive contact	10N	357989	5427780	157
362677	Oct-15-2007	Houle, J.	Nahmint	select muck pile grab from wall adjacent to trench on Monitor c.g.	0.2 metre rock fragment from 4 metres south of trench face containing limestone @ 196/70, karst, intrusive contact	10N	357989	5427780	157
364602	Oct-23-2007	McMaster, H.	Nahmint	claim 529292 along Handy Creek Main and spur roads	1.1 metre thick chip sample from E-W striking, steeply dipping zone exposed in outcrop		location not recorded by GPS		
364603	Oct-31-2007	McMaster, H.	Nahmint	claim 529292 along Handy Creek Main and spur roads	select grab from +2 metre thick quartz vein with curved (domed?) orientation exposed in outcrop		location not recorded by GPS		
364604	Nov-3-2007	McMaster, H.	Nahmint	claim 529292 along Handy Creek Main and spur roads	select grab from +50 metre wide intrusive exposed in outcrop		location not recorded by GPS		
364605	Nov-9-2007	McMaster, H.	Nahmint	claim 529292 along Handy Creek Main and spur roads	select grab from 2.5 metre thick zone exposed in outcrop		location not recorded by GPS		
364606	Nov-10-2007	McMaster, H.	Nahmint	claim 529292 along Handy Creek Main and spur roads	select grab from 20 metre thick contact zone between samples 364604 and 364605		location not recorded by GPS		
364607	Nov-13-2007	McMaster, H.	Nahmint	claim 525107 along Sing Main road	select grab from 10 metre thick contact zone oriented E-W		location not recorded by GPS		
364608	Nov-15-2007	McMaster, H.	Nahmint	claim 525107 along Sing Main road	select grab from 4 metre thick zone oriented E-W and steeply dipping		location not recorded by GPS		
364609	Nov-16-2007	McMaster, H.	Nahmint	claim 525107 along Sing Main road	select grab from NW side of NE-SW oriented contact with sample 364610		location not recorded by GPS		
364610	Nov-16-2007	McMaster, H.	Nahmint	claim 525107 along Sing Main road	select grab from +10 metre thick zone oriented NE-SW and steeply dipping		location not recorded by GPS		
813551	July-22-2008	Houle, J.	Nahmint	select outcrop grab from Roadcut southeast of Ocean Wave	1.0 m. diameter silicified & sulphidic pods in massive to flat-bedded? intermediate volcanics? at intersection of shearing @ 125/80 & 080	10N	353254	5434006	367
813552	July-22-2008	Houle, J.	Nahmint	select outcrop grab from Roadcut southeast of Ocean Wave	0.8 m. thick silicified and sulphidic felsic intrusive dike @ 300/60 intruding grey limestone with flat? Bedding	10N	353184	5434094	364
813553	July-22-2008	Houle, J.	Nahmint	select outcrop grab from Roadcut southeast of Ocean Wave	0.5 m. epidotic, silicified and pyritic zone in felsic intrusive with rusty shears @ 000/80 & 090/80, and graphitic shears @ 030/15	10N	352531	5434444	370
813554	July-22-2008	Houle, J.	Nahmint	select outcrop grab from Roadcut east of Ocean Wave	0.5 m. thick copper skarn vein @ 050/90 cutting felsic intrusive with adjacent pods of marblized limestone - Ocean Wave occurrence?	10N	352460	5434541	364
813555	July-22-2008	Houle, J.	Nahmint	select outcrop grab from Roadcut east of Ocean Wave	0.5 m. thick copper skarn along contact @ 340/15 between marblized limestone above and felsic intrusive below - Ocean Wave?	10N	352447	5434569	361
813556	July-23-2008	Houle, J.	Nahmint	select outcrop grab from Defiance Creek below Sing Main Road	0.2 m. thick, silicified and sulphidic, intermediate volcanic or tuff with flat bedding? & shearing @ 315/75; 3% f.g. disseminated pyrite	10N	357492	5429070	365
813557	July-23-2008	Houle, J.	Nahmint	select outcrop grab from Southern Cross area below Sing Main Road	0.5 m. thick, silicified and sulphidic, quartz feldspar porphyry intrusive dike @ 250/65 cut by shear above @ 035/45; 2% c.g. rusty pyrite	10N	354616	5429043	73
813558	July-24-2008	Houle, J.	Nahmint	select outcrop grab from Roadcut east of Ocean Wave	sheared, silicified and sulphidic contact @ 050/30 between f.g. felsic intrusive dike and mafic volcanics; trace disseminated Py, Cpy	10N	352461	5434512	358
813559	July-24-2008	Houle, J.	Nahmint	select outcrop grab from Roadcut east of Ocean Wave	0.2 m. thick, silicified, epidotic, sulphidic shear @ 255/65 in quartz feldspar porphyry; 5% f.g. disseminated and aggregate Py	10N	352428	5434606	358
813560	July-24-2008	Houle, J.	Nahmint	select outcrop grab from Roadcut east of Ocean Wave	0.25 m. thick rusty skarn at contact @ 320/20 between intrusive (below) and limestone (above) cut to the south by shear zone @ 275/75	10N	352456	5434540	354
813561	July-25-2008	Houle, J.	Nahmint	rep. outcrop chip from roadcut along Black Prince Road	0.08 m. thick rusty, silicified and sulphidic felsic intrusive dike @ 240/70 cutting mafic intrusive; contains 2% Py+Cpy+Bo	10N	355316	5431627	614
813562	July-25-2008	Houle, J.	Nahmint	random outcrop grab from roadcut along Black Prince Road	15 m. thick rusty, silicified and sulphidic felsic intrusive dike @ 090/90 cutting mafic intrusive; contains 5% Py+Cpy+Bo	10N	355272	5431639	618
813563	July-25-2008	Houle, J.	Nahmint	select outcrop grab from roadcut along Black Prince Road	3.0 m. thick, rusty banded skarn @ 030/90 hosted by mafic intrusions and limestone; contains 5% Py+Cpy	10N	355200	5431700	617
813564	July-25-2008	Houle, J.	Nahmint	select float grab along Black Prince Road	0.25 m. rusty and malachitic boulder of iron-copper skarn containing 20% magnetite, 50% pyrite, 5% chalcopyrite	10N	355094	5431602	568
813567	July-25-2008	Houle, J.	Nahmint	select outcrop grab from roadcut along Black Prince Road	0.25 m. thick epidotic iron skarn @ 245/80 within 5 m. thick altered rusty zone hosted by limestone and mafic volcanics; 80% pyrite	10N	354921	5431377	572
813568	July-25-2008	Houle, J.	Nahmint	select outcrop grab from roadcut along Black Prince Road	0.25 m thick copper skarn @ 180/30 hosted by felsic intrusion; contains pyrite, chalcopyrite, malachite	10N	354118	5430874	402
813569	July-25-2008	Houle, J.	Nahmint	select outcrop grab from roadcut along Black Prince Road	0.5 m. thick copper-iron skarn lense @ 195/80 along footwall of 3 m. thick silicate skarn hosted by limestone; 50% Mt, 2% Py, 5% Cpy	10N	354016	5430755	361
813570	July-26-2008	Houle, J.	Nahmint	select outcrop grab from cliff face south of the Monitor Road	2.0 m. thick siliceous and pyritic, f.g. felsic intrusive dike @ 240/85 intruding mafic volcanics; 10% disseminated Py	10N	359661	5429157	629
813601	July-22-2008	Berkshire, D.	Nahmint	select outcrop grab	massive volcanic with 3% clay and 2% disseminated pyrite	10N	354536	5432924	557
813602	July-22-2008	Berkshire, D.	Nahmint	select outcrop grab	massive subvolcanic intrusive highly fractured with epidote and 3% disseminated pyrite	10N	354436	5432924	575
813603	July-22-2008	Berkshire, D.	Nahmint	select outcrop grab	1.5 m. thick copper skarn @ contact of limestone and shattered volcanics @ 315/90	10N	356854	5428466	400
813604	July-23-2008	Berkshire, D.	Nahmint	select outcrop grab	0.05 m. thick rusty shear @ 227/90 in massive intrusive cutting bedded limestone above	10N	359621	5429351	604
813605	July-24-2008	Berkshire, D.	Nahmint	select outcrop grab	2.0 m. thick ankeritic breccia zone @ 185/90 in volcanic	10N	360796	5433119	589
813606	July-24-2008	Berkshire, D.	Nahmint	select outcrop grab	15.0 m. thick chert bedded @ 180/45 with drag folding; 2% pyrite	10N	360071	5433169	610
813607	July-24-2008	Berkshire, D.	Nahmint	select outcrop grab	4.0 m. thick volcanic in contact@ 290/90 with limestone with solution ribbons; 20% ankerite, 5% Py+Po	10N	361206	5431648	887
813608	July-24-2008	Berkshire, D.	Nahmint	select outcrop grab	highly weathered skarn or chert with 12% ankerite, 3% pyrite	10N	361114	5431663	898
813609	July-24-2008	Berkshire, D.	Nahmint	select outcrop grab	2.0 m. thick felsic intrusive dike @ 220/120? Cutting granodiorite; barren; one of a series of dikes	10N	360811	5432654	661
813610	July-24-2008	Berkshire, D.	Nahmint	select float grab	50 m. thick volcanic breccia with 15% quartz & calcite; porphyry style mineralization of chalcopyrite and bornite totaling 1%	10N	360682	5433317	595
813611	July-26-2008	Berkshire, D.	Nahmint	select outcrop grab	10 m. thick flat-dipping skarn containing 50% epidote with marble; appears to be part of a larger system	10N	352350	5433828	91
813612	July-26-2008	Berkshire, D.	Nahmint	select outcrop grab	500 m. wide, oxidized and weathered quartz-carbonate breccia hosted by possible mafic volcanics; 20% quartz+calcite, 75% oxidized; C	10N	360550	5433136	585
813613	July-26-2008	Berkshire, D.	Nahmint	select grab of road blast material	quartz-carbonate breccia, oxidized and weathered; 2% Cpy	10N	360555	5433147	588
813614	July-26-2008	Berkshire, D.	Nahmint	select grab of road blast material	quartz-carbonate breccia, oxidized and weathered; 20% Quartz+Epidote; Cpy, Bo	10N	360560	5433149	584
813615	July-26-2008	Berkshire, D.	Nahmint	select grab of road blast material	silicified quartz-carbonate breccia, fresh; 30% Quartz+Carbonate; Cpy, Bo	10N	360575	5433143	586
813616	July-26-2008	Berkshire, D.	Nahmint	select outcrop grab	quartz-carbonate breccia; oxidized and weathered; Py+/-Cpy	10N	360694	5433172	608
813653	July-22-2008	Porteous, K.	Nahmint	select outcrop grab from creek bed	sulphidic limestone	10N	354173	5433658	444
813656	July-22-2008	Porteous, K.	Nahmint	select outcrop grab from creek bed	sulphidic volcanic	10N	356164	5433472	453
813657	July-22-2008	Porteous, K.	Nahmint	select outcrop grab from creek bed	sulphidic basalt	10N	357136	5434632	452
813659	July-23-2008	Porteous, K.	Nahmint	select outcrop grab from creek bed	0.6 m. thick limestone in contact with basalt cut by intrusive dike; 0.5% sulphides	10N	356244	5435062	472
813660	July-23-2008	Porteous, K.	Nahmint	select outcrop grab from creek bed	massive sulphidic limestone 2 m. above contact with basalt; 5% sulphides	10N	356259	5435067	473
813661	July-23-2008	Porteous, K.	Nahmint	select outcrop grab	amygduloidal basalt	10N	356263	5435057	475
813668	July-24-2008	Porteous, K.	Nahmint	select outcrop grab from creek bed	andesite	10N	359059	5431426	376
813669	July-24-2008	Porteous, K.	Nahmint	select outcrop grab from creek bed	andesite dike@ 260/70; magnetic, contains sulphides or oxides	10N	359057	5431428	378
813670	July-24-2008	Porteous, K.	Nahmint	select outcrop grab	1.2 m. thick andesite dike with sulphides	10N	359031	5431426	374
813674	July-25-2008	Porteous, K.	Nahmint	select outcrop grab from creek bed	basalt with 5% sulphides	10N	353306	5434025	367
813675	July-25-2008	Porteous, K.	Nahmint	select outcrop grab from creek bed	limestone with 5% sulphides	10N	353300	5434043	367
TJ08AR1	Oct 20-23/2008	Kikauka, A.	Nahmint	shaft dump grab 5100E 5060N	float grab	10N	362281	5433827	541
TJ08AR2	Oct 20-23/2008	Kikauka, A.	Nahmint	sub-crop near shaft L 5100 E stn 5100 N	0.15 m. thick skarn, epidote,garnet, actinolite, cpy, py, bornite	10N	362282	5433867	576
TJ08AR3	Oct 20-23/2008	Kikauka, A.	Nahmint	shaft dump grab 5100E 5125 N	float grab	10N	362283	5433896	600
TJ08AR4	Oct 20-23/2008	Kikauka, A.	Nahmint	345 degree adit (collapsed) sampled left side (hangingwall) 5140 E 502	1 m. Thick skarn, epidote,garnet, actinolite, cpy, py, magnetite	10N	362325	5433812	544
TJ08AR5	Oct 20-23/2008	Kikauka, A.	Nahmint	shaft dump grab 5070 E 5100 N	1 m. Thick skarn, epidote,garnet, actinolite, cpy, py, magnetite	10N	362263	5433862	587

2006&2007&2008 Rock Sample Descriptions for Nahmint Project

Sample #	Description
364551	black and green, f.g., massive, iron exoskarn containing 40% disseminated magnetite, 5% calcite
364552	green, white and black, banded and brecciated contact between v.f.g. copper endoskarn (50%) and m.g. marblized limestone (50%), containing 5% blebby pyrite, 2% blebby and disseminated chalcopyrite, 0.5% garnets, 40% calcite
364553	green, white and bronze, m.g. brecciated quartz-sulphide stockwork containing 15% blebby chalcopyrite, 5% disseminated magnetite, 1% bornite, trace tetrahedrite
364554	bronze and grey, c.g., banded and brecciated copper exoskarn containing 60% semi-massive to feathery chalcopyrite, 10% blebby pyrrhotite, 5% calcite stringers
364555	black, bronze and white, c.g., brecciated, sulphide-calcite stockwork containing 15% blebby chalcopyrite, 10% blebby bornite, 5% calcite stringers
364556	green, white and bronze, c.g., brecciated to banded, quartz-sulphide stockwork containing 10% blebby chalcopyrite, 1% blebby bornite, occasional folded, sericitized bands with relict bedding
364557	white, bronze and green, c.g., brecciated, quartz-sulphide stockwork containing 20% blebby chalcopyrite, 1% f.g. bornite and trace tetrahedrite
364558	white, green and bronze, f.g.-m.g., brecciated and weakly banded, quartz-sulphide stockwork containing 10% blebby and stringer chalcopyrite, 2% blebby pyrite, 1% f.g. blebby bornite, trace tetrahedrite
364559	buff-green and black, f.g., massive, quartz eye porphyritic intrusive containing 20% ovoid eyes and occasional stringers consisting of quartz, calcite, actinolite, sulphides, including 1% blebby chalcopyrite, trace bornite and 1% calcite in eye cores
364560	white and black, m.g., weakly banded, quartz-chlorite-calcite vein containing 5% calcite
364561	buff-green, black, white and bronze, f.g., massive quartz eye porphyry intrusive containing 20% ovoid eyes and 10% quartz-sulphide stringers containing 4% blebby chalcopyrite with 1% rims of bornite
364562	black and white, m.g., brecciated and weakly banded, quartz-chlorite-tourmaline-calcite stockwork containing 5% calcite stringers
364601	Iron/Copper Exoskarn - consisting of 40% f.g. Mt. matrix, 25% Cpy. In 0.5-3 mm. weakly foliated aggregates, 15% Po./Py.. In 0.5-3 mm. weakly foliated aggregates zoned in bands oblique to foliation, 10% chalcedonic Qtz. 5% Pyroxene, 5% FeOx
362651	Iron/Copper Endoskarn - strongly foliated with parallel zoning, consisting of 5-40% f.g. to m.g. Mt. in masses and lathes, 5-20% Cpy, 5% Po./Py, 0-5% Bo in semi-massive bands and stockwork stringers, 10-50% yellow garnets, 10-40% Pyroxene, 5-10% chalcedonic Qtz, 5% FeOx
362652	Copper Endoskarn - fractured, weakly foliated, consisting of 20% Po/Py, 10% Cpy, 10% Bo, 5% Mt, 2% Asp?, 1% Sph?, 1% Gal?, 1% Tet? In fractured aggregates and stockworks, 35% Actinolite, 10% Pyroxene, 5% chalcedonic Qtz., 5% Garnets
362653	Copper Exoskarn/Endoskarn - fractured, weakly foliated, consisting of 5-10% Cpy, 0-5% Bo, 5% chalcedonic Qtz as zoned stockwork stringers and f.g. aggregates, in matrix consisting of 5-75% Pyrrhotite, 5-75% Actinolite, 0-15% Garnets, 0-5% Pyroxene
362654	Copper Endoskarn/Exoskarn - fractured, well foliated, consisting of 40% Cpy, 20% Bo, 10% Po as semi-massive and banded to net-textured sulphides with interstitial silicates consisting of 10% garnets, 10% pyroxene, 10% chalcedonic quartz
362655	Iron Endoskarn - well foliated and folded, consisting of 40% Mt as radiating to booklike to massive aggregates with 15% Pyroxene, 15% Actinolite, 15% Garnets, 5% Tet?, 5% Calcite, 5% FeOx rimming vugs
362656	Iron/Copper Exoskarn? - green, bronze and grey, foliated, f.g., silicified and pyritic rock consisting of 1-5% v.f.g. chalcopyrite veinlets and disseminations, 10-50% pyrite both f.g. and m.g. disseminations and stockworks, 25-50% epidote, 10-25% quartz stockworks and in-fillings
362657	Copper Endoskarn - bronze, green and brown, foliated, rusty , vuggy, f.g.-m.g., semi-massive sulphidic rock consisting of 25% chalcopyrite, 15% pyrite, 10% garnets, 15% epidote, 15% FeOx, 10% vugs
362658	Iron/Copper Endoskarn - black, pink and bronze, weakly foliated, fractured, vuggy, m.g.-c.g., magnetic rock consisting of 25% magnetite with sulphide fracture infillings and aggregates, 25% pyrite, 5% chalcopyrite, 35% garnets, 5% epidote, 5% vugs
362659	Copper Endoskarn/Porphyry? - green, grey and bronze, highy silicified, weaky foliated, fractured, vuggy, rusty, f.g. feldspar porphyry? Containing 10% sulphides in aggregates consisting of 9% pyrite, 1% chalcopyrite; and 50% quartz eyes and stockworks, 25% epidote, 15% rusty vugs
362660	Copper/Zinc? Exoskarn - black, bronze and grey, f.g.-m.g., highly variable, silicified, fractured, rusty rock consisting of 10-50% chalcopyrite, 5-15% pyrite, 5-75% black sphalerite?, 0-75% banded limestone, locally garnets, locally malachite; unusual sulphide ovoids in aggregates
362672	Copper/Iron Endoskarn - green, bronze and black, f.g., silicified, foliated rock consisting of 20% pyrite as m.g. aggregates, 5% chalcopyrite as f.g. wispy bands, 5% magnetite, 1% bornite, 5% yellow garnets
362673	Copper Endoskarn - yellow, green, brown and pink, silicified, vuggy, massive garnetiferous rock (after intrusive?) consisting of 70% m.g. garnets (mainly yellow with a few pink), 10% amorphous green silica, 10% calcite, 5% f.g. brown tourmaline, 1% chalcopyrite, 1% bornite, 0.5% malachite
362674	Iron/Copper Endoskarn/Exoskarn - grey, green, yellow and red, highly variable, silicified, fractured, banded rock consisting of 50% marble/limestone, 15% epidote, 10% actinolite, 10% garnets, 15% stockwork stringers containing 10% hematite, 4% pyrite, 1% chalcopyrite, trace bornite
362675	Iron Endoskarn - yellow, bronze and black, highly variable, f.g.-m.g., massive and locally banded rock consisting of 50% garnets, 1-30% epidote, 1-20% pyrite, 1-20% magnetite, 1-5% hematite, 0-5% calcite
362676	Copper/Iron Endoskarn - yellow, brown, red, and black, garnetitic, calcitic, magnetic, massive, m.g. rock consisting of 60% garnets, 15% magnetite with hematite rims, 10% calcite, 5% tetrahedrite, 5% chalcopyrite, traces malachite, and possible bornite, sphalerite and galena
362677	Iron/Copper Exoskarn - black, yellow, green, red and bronze, highly magnetic, massive, m.g. rock consisting of 60% magnetite with hematite rims, 10% garnets, 10% epidote, 5% vugs (after calcite?), 10% chalcopyrite, 2% pyrite, 1% tetrahedrite, traces malachite, bornite
364602	Iron/Copper Endoskarn - black, yellow and bronze, highly magnetic, m.g., banded rock consisting of 50% garnets, 10% epidote, 30% magnetite, 9% pyrite, 1% chalcopyrite with sulphides as clusters within bands
364603	Silicified Porphyritic Intrusive? Or Quartz-Sulphide Vein? - white and locally orange, transluscent 90%+ silica with 5% m.g. white phenocrysts (albite?) and 5% rusty fractures and containing 2% f.g. random sulphide clusters consisting of 1.75% pyrite and 0.25% chalcopyrite
364604	Silicified Porphyritic Intrusive? - grey-green, f.g. with 15% m.g. zone phenocrysts containing epidote, pyrite, chlorite, occasionally calcite including 5% pyrite as thin fracture fillings or as f.g. clusters in phenocrysts with rare gold? along fracture planes
364605	Silicified Tuffaceous Sediment - dark grey and locally white or orange, f.g. rock with 2% thin, highly folded and fractured styolites, locally with v.f.g. sulphides, and with 25% quartz-sulphide stockwork stringers with v.f.g. sulphides including 1% pyrite, traces chalcopyrite, sphalerite?
364606	Silicified Amygduloidal Mafic Volcanic - dark grey and locally black, green & bronze, f.g. massive rock with 5% baned quartz-epidote-chlorite stringers and 15% zoned amygdules containing 5% magnetite, epidote, chlorite and sulphides, including 4% pyrite and 1% chalcopyrite as f.g. feathery clusters
364607	Silicified Tuffaceous Sediment - dark grey and locally white or orange, f.g. banded rock with 2% thin, highly folded and fractured styolites and possible relict bedding, 35% quartz-sulphide stockwork stringers with v.f.g. sulphides including 2% sphalerite?, 0.5% pyrite, trace chalcopyrite
364608	Silicified Tuffaceous Sediment? - dark grey and locally white or orange, f.g., highly fractured rock with 50% quartz+/-calcite stockwork stringers with trace v.f.g. sulphides
364609	Limestone - dark grey, f.g., massive limestone with 25% multi-stage calcite stockwork stringers and trace v.f.g. sulphide blebs and streaks
364610	Limestone - dark grey to black and locally white or purple, f.g., massive limestone with 25% multi-stage calcite-quartz-sulphide-graphite stockwork stringers including 0.3% chalcopyrite, 0.2% pyrite as f.g. blebs and clusters
813551	grey-buff, f.g., silicified and sulphidic felsic intrusive with occasional rusty fractures;10% quartz eyes, 15% f.g. disseminated Pyrite
813552	grey, f.g. to m.g., highly silicified and calcitic quartz feldspar porphyry intrusive with 15% feldspar pheno's, 15% quartz eyes, 10% calcite crystals, trace garnets and trace pyrite
813553	pale green and grey, m.g., silicified, sulphidic quartz feldspar porphyry intrusive (90%) in contact with recrystallized limestone (10%), consisting of 15% felspar pheno's, 10% epidote, 10% sericite in 50% silica groundmass with 5% f.g. disseminated to clustered pyrite
813554	yellow, black and bronze, rusty and fractured, m.g., iron/copper endoskarn consisting of 35% garnets, 5% quartz, 30% bladed magnetite, 15% disseminated to net-textured pyrite (replacing magnetite), 5% chalcopyrite (late) and 10% limonite boxwork
813555	black, brown, green and bronze, rusty and fractured, m.g. iron/copper endoskarn consisting of 20% actinolite, 25% chlorite, 10% garnets, 25% magnetite, 10% chalcopyrite, 10% limonite boxwork, trace malachite
813556	grey and brown, f.g., peripherally weathered, silicified felsic intrusive with 2% v.f.g. pyrite disseminated and in small aggregates
813557	grey and buff, v.f.g. & m.g., quartz feldspar porphyry intrusive, consisting of 20% m.g. feldspar and 10% chlorite pheno's in amorphous silica groundmass, with 5% vugs and open fractures; 5% c.g., rust-rimmed crystals of chalcopyrite after pyrite after magnetite
813558	grey and brown, f.g. to m.g., highly silicified, sulphidic quartz feldspar porphyry with 15% feldspar pheno's, 10% rust-rimmed fractures, and 1% f.g. chalcopyrite in aggregates, rings and along fractures
813559	pale green and brown, weathered, silicified, epidotic, f.g.felsic intrusive with 5% c.g. clusters of rusty f.g. magnetite (2%), limonite(2.5%), and chalcopyrite (0.5%)
813560	grey, brown and bronze, f.g. to m.g., silicified copper endoskarn consisting of 65% quartz and 10% chlorite/actinolite f.g. groundmass with 15% m.g. clusters consisting of 5% Pyrite, 3% Tetrahedrite?, 2% Chalcopyrite and 5% limonite boxwork and/or sericite
813561	15% green, f.g.-m.g., chlorite-epidote porphyritic intrusive with trace f.g. pyrite; cut sharply by 85% white, f.g., silicified, quartz feldspar porphyry intrusive containing 10% f.g. disseminated,clustered, vuggy and fracture-controlled sulphides consisting of 5% Pyrite and 5% Chalcopyrite
813562	grey, f.g.to m.g., silicified, quartz feldspar porphyry intrusive with occasional rusty fractures, 15% feldspar pheno's, 2% f.g. sulphide disseminations and clusters mainly Pyrite, with possible trace Chalcopyrite
813563	buff and grey, m.g., magnetic, crudely banded iron endoskarn with 25% yellow garnets, 25% epidote, 30% silica, 5% chlorite, 10% magnetite, 5% pyrite and possible traces of v.f.g. chalcopyrite
813564	bronze and black, m.g.-c.g., silicified, highly magnetic, iron/copper skarn containing 25% m.g. feathery magnetite, 50% intergrown and fractured c.g. Pyrite aggregates, 5% m.g. clustered Chalcopyrite, with both Py and Cpy replacing Mt
813567	bronze and green, c.g., friable, semi-massive sulphidic iron skarn consisting of 80% pyrite, with 20% interstitial and vein epidote with trace f.g. chalcopyrite within epidote vein
813568	black, blue and bronze, f.g.-m.g., iron/copper endoskarn with 10% yellow garnets, 5% epidote, 5% chlorite, 35% radiating, fibrous actinolite, 40% fibrous magnetite (after actinolite), 5% clustered, locally fractured chalcopyrite aggregates
813569	black and bronze, highly magnetic, silicified, m.g., locally vuggy and rusty iron/copper skarn containing 75% radiating intergrown magnetite clusters (after actinolite?) and 10% blebs and clusters of sulphides consisting of 7% Chalcopyrite, 3% Pyrite and trace Bornite
813570	grey to brown on weathered surfaces and fractures, f.g. quartz feldspar porphyry intrusive with 15% feldspar pheno's, 10% rust-rimmed and/or vuggy chlorite-epidote-sulphide aggregates and disseminated sulphides consisting of 3% Chalcopyrite and 2% Pyrite
813601	green, white and bronze, f.g., highly silicified, chloritic, tuffaceous volcanic? Or felsic intrusive with 25% quartz eyes. 5% quartz-sulphide stringers and 5% f.g. disseminated sulphides, with sulphides consisting of 4.5% pyrite and 0.5% chalcopyrite
813602	white and green, f.g. quartz feldspar porphyry intrusive cutting f.g. fractured, chloritic, epidotic intrusive; 5% f.g. disseminated and blebby sulphides mainly Pyrite but may include up to 1% Chalcopyrite
813603	green, black and bronze, m.g., highly magnetic, crudely banded to semi-massive sulphide iron/copper endoskarn containing 5% yellow garnets, 25% chlorite, 25% magnetite, 25% pyrrhotite, 10% chalcopyrite, 5% sphalerite?, 5% brown felted sulphide?, trace bornite
813604	grey, brown, white and bronze, f.g., foliated, pervasively silicified and sulphidic, fractured, rusty and vuggy, quartz-sulphide vein containing 15% f.g. stringer and net-textured sulphides, mainly Pyrite but possibly up to 2% Chalcopyrite
813605	black, green and brown, chloritic, rusty, vuggy and highly weathered f.g. tuffaceous volcanic?; mainly chlorite and clay with 10% quartz; 1% very thin, rust-rimmed sulphide stringers containing 0.2% chalcopyrite and 0.05% bornite as elongate blebs
813606	black, bronze and white, foliated (bedded?) chert with 5% sulphide bands in size-graded layers parallling foliation, cut and locally offset by 20% orthogonal vuggy, rusty quartz stringers; sulphides mainly Pyrite
813607	grey and locally yellow (rusty and weathered), silicified, f.g.-m.g. intrusive breccia with mixed angular clasts, 5% quartz eyes and 1% f.g. disseminated to aggregate sulphides mainly in eyes and clasts, consisting of about 0.5% Pyrite and 0.5% Chalcopyrite
813608	black and brown, fractured chert with 10% rusty fractures and 1% v.f.g. disseminated sulphides, probably Pyrite
813609	pale green, f.g., silicified felsic intrusive with weakly foliated/lineated feldspar crystals (flow-banding?), trace f.g. rust-rimmed sulphides, probably Chalcopyrite
813610	green and white, silicified f.g. mafic volcanic with 15% quartz eyes and 15% quartz-sulphide stockwork stringers including 0.1% chalcopyrite and 0.025% bornite in rust-rimmed f.g. clusters within stringers
813611	bright green, epidiitic calcic skarn consisting of 85% f.g. epidote, 5% quartz, 5% garnets and 5% v.f.g. disseminated rust-rimmed magnetite+/-chalcopyrite blebs including 0.1% Cpy
813612	green and white, weakly magnetic, f.g., silicified, epidotic and chloritic mafic volcanic with 20% vuggy quartz (+/-calcite?) stockwork stringers and trace, f.g. elongated rust-rimmed blebs of chalcopyrite-bornite in or adjacent to thin stringers
813613	green and white, silicified, epidotic and chloritic, f.g. mafic volcanic with 50% locally vuggy quartz stockwork/breccia stringers and 0.25% highly clustered, rust/malachite-rimmed chalcopyrite-bornite blebs
813614	grey and locally white, f.g., magnetic, silicified, chloritic mafic volcanic with 15% quartz-epidote eyes, 5% f.g. disseminated magnetite, 10% thin quartz-calcite stockwork stringers containing 0.01% chalcopyrite aggregates
813615	green and white, silicified, epidotic and chloritic, f.g. mafic volcanic with 20% vuggy quartz (+/-calcite?) stockwork stringers containing trace f.g., rust-rimmed chalcopyrite-bornite clusters within stringer margins
813616	green and white, silicified, epidotic, choritic, leucoxene-speckled?, f.g. mafic volcanic with 25% vuggy stockwork quartz stringers
813653	grey-brown, weakly magnetic, f.g. silicified limestone with 5% reddish patches (hematite partialy replacing magnetite) and 20% quartz breccia with sub-rounded polymictic clasts
813656	green, white and grey, f.g., highly silicified and chloritic mafic volcanic with 20% polyphase quartz-sulphide stockwork stringers (white stringers cutting banded grey stringers) and 1% f.g.-m.g. sulphides aggregates and grains consisting of 0.8% Pyrite, 0.1% Pyrrhotite and 0.1% Chalcopyrite
813657	buff and grey, pervasively silicified, f.g. mafic volcanic? With 50% quartz eyes and stockwork stringers, locally fractured and rusty
813659	grey and locally red, magnetic, calcitic rock consisting of 25% m.g. silicified diopsite? Pheno's, 25% f.g. quartz eyes, 1% hematite stringers, 10% v.f.g. disseminated magnetite+/-sulphide aggregates consisting of 5% magnetite, 5% possible chalcopyrite-bornite?
813660	grey and white, fractured limestone with 20% calcite stockwork stringers and 1% f.g. sulphide clusters consisting of 0.5% Pyrite and 0.5% Chalcopyrite
813661	green, black and locally pink, f.g.-m.g., silicified ,epidotic, chloritic and sericitic amygduloidal mafic volcanic with 20% concentrically banded amygdules with chlorite rims and rose quarz cores; trace v.f.g. sulphide clusters mainly chalcopyrite +/- bornite
813668	grey-green, m.g. silicified quartz feldspar porphyry intrusive with 20% feldspar pheno's, 1% v.f.g. disseminated sulphide blebs consisting of rust-rimmed, chalcopyrite-bornite mainly in thin or near 10% very thin quartz stringers
813669	green and locally white, f.g., silicified, magnetic mafic intrusive with 5% thin quartz-epidote stringers, 10% quartz-epidote eyes, 0.5% v.f.g. rust-rimmed magnetite grains, rare f.g.rust-rimmed chalcopyrite blebs
813670	green and locally brown (weathered), silicified, epidotic, chloritic and sericitic, f.g. porphyritic intrusive with rare v.f.g. pyrite
813674	grey and green, pervasively silicified, epidotic, f.g. mafic volcanic? With 25% polyphase quartz-epidote-calcite-sulphide stockwork stringers (white stringers cutting grey banded stringers); 1% sulphides as m.g., highly variable felted clusters averaging 0.6% chalcopyrite, 0.2% bornite and 0.2% pyrite
813675	grey and bronze, silicified, felsic intrusive breccia with 30% c.g., semi-rounded, limestone-sulphide clasts; 20% sulphides mainly rimming or replacing clasts but also as granular stringers, consisting entirely? of Pyrite of 2 or 3 different colours (some may be Chalcopyrite?)

Rock Geochemistry		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Au**	Pt	Pd	Sample
Report #	**Sample #**	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppb	ppb	gm
A609245	364551	1.8	834.2	1.4	36	<.5	17.4	18.1	331	58.48	8	<.5	<.5	9	<.5	0.6	0.5	<10	0.32	0.062	1.3	7.7	0.35	22	0.074	1.24	0.05	0.02	0.8	0.06	3.7	<.5	0.6	31	<2	40			15
A609245	364552	0.9	6004.9	23.9	552	3.7	<.5	41.6	1936	5.93	101	2.5	<.5	52	8.9	3.9	0.8	<10	8.33	0.007	0.5	2.5	0.91	11	0.008	0.38	0.01	<.01	0.7	0.56	0.6	<.5	2.6	<5	8	33			30
A609245	364553	7.8	68570	1.2	94	9.2	27.5	275.2	586	13.44	171	<.5	<.5	<5	2.9	0.6	2.2	110	0.1	0.019	0.6	12.9	1.4	<5	0.073	2.62	<.01	<.01	0.5	0.37	8.4	<.5	6.5	12	57	137			30
A609245	364554	2.8	185946	35.8	863	159.7	807.6	438.5	403	22.12	918	<.5	<.5	23	15.6	127.3	22.6	<10	2.59	0.035	2	1.2	0.89	<5	0.002	2.08	<.01	<.01	<.5	2.14	1.9	<.5	19.7	<5	74	8010			15
A609245	364555	4.4	145656	49.1	640	136.3	1216.8	467.4	404	20.46	935	<.5	<.5	36	11.5	118.2	20.3	13	3.73	0.061	4.3	1.5	0.91	<5	0.003	2.05	<.01	<.01	<.5	2.07	2.5	<.5	18.1	5	68	7776			30
A609245	364556	1.8	23896	0.9	137	3.4	32.8	145.5	879	11.95	49	<.5	<.5	<5	1.4	0.6	1.1	201	0.3	0.026	2.1	32.5	2.18	<5	0.314	4.08	<.01	<.01	<.5	0.31	14.6	<.5	2.3	18	33	78			30
A609245	364557	8.1	95828	5.5	579	16.9	45.3	356.8	155	13.08	237	<.5	<.5	<5	16.8	2.7	4.4	42	0.05	0.009	<.5	11.9	0.35	<5	0.077	0.83	<.01	<.01	0.6	5.82	3.9	<.5	11.6	5	188	235			30
A609245	364558	1.8	42284	1.7	85	8.4	14.9	109.7	144	7.18	238	<.5	<.5	<5	2.2	1.5	2.2	34	0.05	0.006	<.5	15.9	0.31	<5	0.045	0.65	<.01	<.01	<.5	0.64	3	<.5	5.6	<5	49	133			30
A609245	364559	<.5	3921.8	0.6	75	0.5	77.8	40.7	802	8.5	<5	<.5	<.5	7	<.5	<.5	<.5	235	0.86	0.071	2.2	146.7	2.69	<5	0.054	3.59	0.03	<.01	<.5	0.14	20.7	<.5	0.6	17	5	5			30
A609245	364560	0.7	124.5	<.5	<5	<.5	7.6	3.9	176	0.9	<5	<.5	<.5	8	<.5	<.5	<.5	34	2.2	0.005	0.7	18.6	0.27	<5	0.046	0.4	<.01	0.02	<.5	<.05	2.5	<.5	<.5	<5	<2	89			30
A609245	364561	<.5	4243.4	<.5	75	<.5	77.7	39.7	806	8.27	<5	<.5	<.5	10	<.5	<.5	<.5	227	1.8	0.075	2.8	146.3	2.61	<5	0.056	3.52	0.03	0.02	<.5	0.07	22.6	<.5	0.7	17	7	<2			30
A609245	364562	1.2	26.1	<.5	48	<.5	34.1	19	603	3.63	5	<.5	<.5	22	<.5	<.5	<.5	142	4.2	0.031	3	82	1.57	7	0.174	2.14	<.01	0.11	<.5	<.05	10.6	<.5	<.5	7	<2	23			30
A704366	364601	13.6	44948	18.5	459	14.9	<.5	632	2059	36.33	768	<.5	<.5	<5	6	1.8	5.4	<10	1.55	0.006	<.5	0.6	0.4	25	0.001	0.07	<.01	<.01	4	0.35	1.7	<.5	7.6	<5	71	22.4			30
A704366	362651	3.4	19124	6.8	2588	4.1	<.5	351	3126	28.47	55	1.3	<.5	<5	20.1	0.7	20.6	<10	6.01	0.007	<.5	1.2	0.18	5	0.003	0.12	<.01	<.01	13.4	0.56	2.6	<.5	10.9	<5	33	5.3			30
A704366	362652	1.1	4092	11.2	5	1	<.5	35.6	1318	29.7	45	1	<.5	<5	<.5	1.1	5.1	<10	0.68	0.014	<.5	2.5	0.27	6	0.001	0.03	<.01	<.01	0.8	0.11	<.5	<.5	19.1	<5	35	2.4			30
A704366	362653	1.6	36968	8	755	8.7	4.4	1199.2	765	37.06	727	0.6	<.5	10	6.3	1.1	4.9	<10	2.31	0.005	<.5	<.5	0.59	32	0.001	0.56	<.01	<.01	<.5	1.18	0.7	<.5	27	<5	99	40.6			30
A704366	362654	0.7	150008	8.3	3945	29	7.6	690.7	639	36.27	116	<.5	<.5	<5	30.4	1.4	3.9	19	0.04	0.006	<.5	<.5	1.73	13	0.002	2.21	<.01	<.01	<.5	9.16	<.5	<.5	27.8	<5	137	76.2			30
A704366	362655	13.6	1317.6	3.1	113	<.5	<.5	47.4	2023	20.85	35	1.7	<.5	5	0.7	0.6	0.5	<10	3.42	0.009	<.5	0.9	0.53	25	0.002	0.21	<.01	<.01	21.6	0.08	<.5	<.5	<.5	<5	<2	<.2			30
07001332	362656	0.9	84.4	7.4	74	0.9	46.1	63	1231	12.61	15	1	<0.5	132	<0.5	1.2	<0.5	256	3.76	0.111	4	60.3	2.92	459	0.128	2.6	<0.01	<0.01	<0.5	0.51	8.7	<0.5	8.6	8	10	15			30
07001332	362657	23.8	15239	5.9	20	5	5.1	63.8	823	12.65	32	0.7	<0.5	<5	<0.5	<0.5	1.3	<10	3.06	0.007	<0.5	19.2	0.19	<5	0.002	0.08	<0.01	<0.01	1.6	0.2	0.9	<0.5	9.1	<5	30	13			30
07001332	362658	50.1	34162	6.5	14	3.5	10.7	146	107	15.35	68	0.5	1.6	113	0.6	0.5	1.2	13	0.6	0.02	2.9	16.5	0.2	24	0.103	0.7	<0.01	<0.01	<0.5	0.2	1.1	<0.5	10.4	<5	>100	4			30
07001332	362659	2.6	2147	3.2	39	<0.5	1.9	25.5	3006	9.59	20	1.7	6.2	173	<0.5	1	<0.5	<10	20.82	0.028	0.9	6.4	0.41	54	0.022	0.37	<0.01	0.12	7.3	0.06	2.8	<0.5	0.8	<5	2	<2			30
07001332	362660	1	190.9	2.4	38	<0.5	114.9	29.8	587	6.23	<5	<0.5	<0.5	94	<0.5	<0.5	<0.5	138	1.28	0.111	3.1	187.7	1.44	9	0.574	1.71	0.05	<0.01	<0.5	<0.05	7.5	<0.5	3.5	6	4	2			30
07001332	362672	0.9	17.7	0.6	36	<0.5	48.7	38.9	1302	39.15	39	1.5	<0.5	<5	<0.5	<0.5	<0.5	42	7.49	0.037	1.7	66.3	0.12	14	0.02	0.7	<0.01	<0.01	0.8	0.17	3.4	<0.5	5.7	6	<2	5			30
07001332	362673	0.8	3306	1.3	20	<0.5	0.5	21.5	4766	15.95	14	0.8	<0.5	<5	<0.5	<0.5	<0.5	<10	15.65	0.008	<0.5	10.9	0.13	6	0.003	0.32	<0.01	<0.01	14.4	<0.05	3.5	<0.5	<0.5	<5	<2	<2			30
07001332	362674	<0.5	52423	1.5	1043	13.7	7.4	119.7	6589	23.45	53	0.8	<0.5	62	9.8	1	<0.5	<10	10.92	0.009	<0.5	12.1	0.15	<5	0.004	0.1	<0.01	0.03	<0.5	0.26	2.5	<0.5	7.3	<5	69	237			30
07001332	362675	2.3	237.3	1.1	15	<0.5	<0.5	19.3	3458	18.2	60	1.6	<0.5	20	<0.5	<0.5	0.6	<10	14.72	0.009	<0.5	10.6	0.45	<5	0.002	0.14	<0.01	<0.01	7	0.06	3.8	<0.5	3.1	<5	<2	<2			30
7002158	362676	1.2	6781	1778	36657	11.8	5.4	45.8	7719	16.21	15	1.3	<0.5	24	211.5	<0.5	35.3	27	16.87	0.009	0.6	3.2	0.22	<5	0.011	0.46	<0.01	<0.01	21.5	56.42	1.7	<0.5	3.2	5	77	10	6	5	
7002158	362677	13.4	50365	29	1351	22.7	7.3	70.7	2389	31.21	46	0.7	<0.5	10	9.3	<0.5	19.2	10	3.11	0.011	<0.5	2.5	0.2	6	0.014	0.37	<0.01	<0.01	6.4	2.55	1.4	<0.5	3.2	<5	97	18	<3	3	
8003327	364602	36.2	3785	61.9	5309	7.9	37.3	24.8	745	21.1	217	<0.5	<0.5	<5	37.8	1.5	3	102	4.89	0.011	<0.5	6.1	0.05	50	0.009	0.22	<0.01	<0.01	1	3.42	2.1	<0.5	5.5	8	20	126	<3	<2	
8003327	364603	2.3	28.7	17.1	33	<0.5	1.7	1.9	38	1.17	<5	<0.5	2.8	8	<0.5	0.6	<0.5	<10	0.05	0.016	3.3	5.3	0.07	228	0.068	0.45	0.07	0.29	<0.5	0.05	0.9	<0.5	0.6	<5	<2	5	<3	<2	
8003327	364604	1.9	14.5	1.6	43	<0.5	2.4	6.1	561	3.06	<5	<0.5	1.1	31	<0.5	<0.5	<0.5	25	1.09	0.115	5.4	5.1	0.92	68	0.17	1.43	0.11	0.21	<0.5	<0.05	5	<0.5	1.3	5	<2	<2	<3	<2	
8003327	364605	4.2	18.2	11.2	76	<0.5	18.6	4.2	154	1.35	<5	0.7	<0.5	18	0.9	1.1	<0.5	37	4.16	0.019	1.7	23.1	0.37	13	0.105	2.7	<0.01	<0.01	<0.5	0.08	3.9	<0.5	<0.5	9	6	3	<3	2	
8003327	364606	1	519.4	1.3	49	<0.5	124.2	42.1	422	6.01	8	<0.5	<0.5	139	<0.5	<0.5	<0.5	207	2.72	0.109	5.2	144.5	2.59	61	0.619	3.95	0.35	0.03	<0.5	<0.05	6.8	<0.5	1	13	<2	5	8	21	
8003327	364607	4.1	26.8	4.4	116	<0.5	43.4	7.6	303	1.49	<5	2.6	<0.5	22	1.1	0.9	<0.5	80	3.83	0.194	6.8	59.1	0.6	11	0.146	2.6	<0.01	<0.01	<0.5	0.11	5.3	<0.5	<0.5	<5	2	<2	<3	4	
8003327	364608	5.1	37.4	4.8	70	<0.5	21.6	4.2	131	1.04	8	1.8	<0.5	29	0.8	1.2	<0.5	36	3.84	0.216	5.2	25.2	0.3	6	0.136	2.09	<0.01	<0.01	<0.5	0.08	4.2	<0.5	<0.5	6	17	<2	<3	3	
8003327	364609	2.9	29.7	3.9	108	<0.5	41.2	6.5	491	2.05	7	2	<0.5	149	2.7	<0.5	<0.5	137	12.75	0.176	11.8	29.6	0.96	49	0.003	1.6	<0.01	0.12	<0.5	0.12	9.5	<0.5	<0.5	<5	<2	<2	5	4	
8003327	364610	2.9	46.7	0.9	92	<0.5	33.5	5.2	403	2.08	5	0.6	<0.5	105	0.8	<0.5	<0.5	75	9.84	0.109	6.9	29.6	1.04	35	0.002	1.58	<0.01	0.09	<0.5	0.08	6.2	<0.5	<0.5	<5	8	<2	<3	5	

Rock Geochemistry		Method	WGHT	3B	3B	3B	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX
Report #	**Sample #**	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S	Rb	Hf
		Unit	KG	PPB	PPB	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM
		MDL	0.01	2	3	2	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5	1	0.5	0.5	0.5	0.5
VAN08007745	813551	Rock	1.91	25	12	18	2	207.8	17.1	80	<0.5	155.9	39	1792	10.75	25	<0.5	0.7	513	<0.5	<0.5	<0.5	276	2.5	0.09	9.2	167	2.71	750	1.291	7.1	0.77	3.83	<0.5	93.1	23	0.5	17.5	13	0.7	<5	21	2.3	6.6	57.3	2
VAN08007745	813552	Rock	1.55	<2	3	<2	0.6	46.6	1	63	<0.5	6.5	18	1015	4.93	31	1.2	1.4	704	<0.5	<0.5	<0.5	142	5.02	0.08	11	6	1.39	358	0.439	8.32	2.55	0.71	<0.5	62.4	22	<0.5	18.3	4.8	<0.5	<5	16	6.9	<0.5	16.7	2
VAN08007745	813553	Rock	1.18	14	<3	<2	1.6	25	1.7	14	<0.5	6.6	7	378	2.13	8	1.7	4.7	228	<0.5	0.8	<0.5	73	4	0.05	15.6	15	0.67	188	0.283	6.97	3.59	0.25	<0.5	23.4	37	3.5	21.8	7.6	<0.5	<5	10	1.9	1.2	6.6	1.4
VAN08007745	813554	Rock	1.79	22	<3	<2	2	6677.6	4.3	15	3.5	54.2	32	2747	29.33	114	0.8	<0.5	6	<0.5	0.8	<0.5	365	14.91	<0.01	2.6	4	0.17	49	0.025	0.86	0.02	<0.01	3.6	1.1	9	1.5	5.8	0.6	<0.5	<5	2	1.4	4.3	0.9	<0.5
VAN08007745	813555	Rock	2.14	15	<3	4	2	28220.6	3.1	112	10.2	39.6	118	9202	24.83	98	1.4	<0.5	40	1.1	0.8	<0.5	12	6.06	0.01	0.9	13	1.77	224	0.028	0.76	0.05	0.04	1.8	5.6	<5	<0.5	2.2	<0.5	<0.5	<5	3	<0.5	0.8	2.3	<0.5
VAN08007745	813556	Rock	0.92	3	<3	<2	2	211.1	5.6	45	<0.5	4.4	6	391	3.3	<5	1.3	3	148	<0.5	<0.5	<0.5	54	0.66	0.08	13.9	3	0.65	574	0.353	8.27	3.17	2.39	0.8	60.1	31	0.9	17.6	8.7	<0.5	<5	11	1.8	0.8	61.3	1.7
VAN08007745	813557	Rock	1.35	4	<3	<2	1	525.2	0.8	30	<0.5	2.9	8	562	2.39	<5	1.9	3.5	308	<0.5	0.6	<0.5	27	1.45	0.05	17.5	7	0.51	774	0.179	7.4	4.12	1.53	0.9	51.8	34	1.2	16.7	6.6	<0.5	<5	4	2.3	<0.5	27.2	2.4
VAN08007745	813558	Rock	1.38	<2	<3	<2	2	109.4	<0.5	<5	<0.5	5.7	3	90	1.45	<5	1.8	2.9	110	<0.5	<0.5	<0.5	15	0.18	0.03	7	5	0.29	600	0.157	6.96	3.06	1.92	0.5	49.2	13	0.9	4.9	8.1	<0.5	<5	<1	<0.5	<0.5	43	1.5
VAN08007745	813559	Rock	1.58	5	<3	<2	2.9	64.1	5.2	7	<0.5	2.4	5	1454	8.08	<5	1.2	3.1	1658	<0.5	1.1	2	106	11.72	0.11	15.4	6	0.08	58	0.414	8.94	0.02	0.19	0.8	157	34	<0.5	18.8	6.9	<0.5	<5	9	<0.5	<0.5	4.2	2.7
VAN08007745	813560	Rock	3.08	14	<3	<2	5.3	3385.6	3.1	900	6.2	8.6	27	1722	23.31	73	2	<0.5	6	6.2	2.1	0.7	<10	3.63	0.02	1	11	0.05	28	0.003	0.19	0.01	0.02	3.7	1.8	<5	1.8	1	<0.5	<0.5	<5	<1	5.8	0.7	0.8	<0.5
VAN08007745	813561	Rock	0.59	11	<3	<2	1.3	65.6	<0.5	22	<0.5	5.3	11	438	3.28	<5	0.8	3.2	303	<0.5	<0.5	<0.5	61	3.3	0.04	16.3	11	0.9	91	0.248	6.99	3.87	0.3	0.5	17	38	0.5	19.8	11	<0.5	<5	10	4	0.9	6.2	0.8
VAN08007745	813562	Rock	0.57	7	<3	4	0.8	37.5	1.9	16	<0.5	1.2	4	403	2.18	<5	1.8	6	281	<0.5	<0.5	<0.5	29	0.97	0.04	24.7	7	0.55	1201	0.206	7.42	3.25	2.78	<0.5	29.5	50	0.7	27.5	12.2	<0.5	<5	6	2.4	0.5	42.1	1.2
VAN08007745	813563	Rock	1.11	5	<3	<2	0.6	23.8	3.3	19	<0.5	2.2	48	5524	2.97	41	0.6	<0.5	66	<0.5	1.5	<0.5	<10	12.95	<0.01	4.8	10	0.59	29	0.004	0.18	<0.01	0.01	<0.5	0.6	9	<0.5	2.1	<0.5	<0.5	<5	<1	3.6	1.3	<0.5	<0.5
VAN08007745	813564	Rock	1.37	15	<3	<2	1.7	719.4	5.6	42	0.9	10.2	249	1496	47.99	156	<0.5	<0.5	<5	<0.5	<0.5	1.4	16	4.96	0.01	1.3	7	0.65	60	0.01	0.27	<0.01	0.02	0.7	1.9	<5	0.5	1.1	<0.5	<0.5	<5	<1	<0.5	13	<0.5	<0.5
VAN08007745	813567	Rock	1.31	5	<3	<2	2.2	3.2	7.1	14	<0.5	3.7	104	885	33.47	<5	3.6	2.2	416	<0.5	<0.5	1.6	55	4.73	0.02	9.3	7	0.6	<5	0.184	3.89	<0.01	<0.01	0.6	43.2	20	4.9	13	6.8	<0.5	<5	7	1.7	31.7	1.6	1.6
VAN08007745	813568	Rock	1.34	3	<3	<2	32.7	18457.3	3.2	55	7	4	56	2823	48.26	70	1.3	<0.5	<5	<0.5	<0.5	0.9	26	5.5	<0.01	0.8	4	1.12	<5	0.003	0.54	0.02	<0.01	10.3	<0.5	<5	<0.5	1.7	<0.5	<0.5	<5	<1	<0.5	1.8	1.9	<0.5
VAN08007745	813569	Rock	0.87	50	7	<2	52.2	9080.9	20.6	225	2	2.2	76	2784	51.52	283	0.9	<0.5	18	<0.5	1.2	1.7	<10	2.07	<0.01	<0.5	6	1.08	<5	0.005	0.36	<0.01	<0.01	4.7	0.9	<5	<0.5	0.6	<0.5	<0.5	<5	<1	1.2	10	1.6	<0.5
VAN08007745	813570	Rock	0.78	<2	4	<2	3.1	645.1	2.9	42	<0.5	3.5	7	420	4.11	8	1.9	5.4	278	<0.5	<0.5	<0.5	68	1.2	0.04	13.1	6	0.66	892	0.213	7.36	3.24	2.8	<0.5	23.1	29	0.7	13.8	7.2	<0.5	<5	6	4.8	0.6	60.4	1
VAN08007745	813601	Rock	3.25	34	<3	<2	2	9.4	4.9	139	<0.5	<0.5	24	2090	7.41	<5	<0.5	1.4	428	<0.5	1.3	<0.5	126	3.33	0.12	9.7	3	2.44	596	0.458	8.44	2.41	0.42	<0.5	27.2	24	1.1	20.4	4.1	<0.5	<5	16	4.7	0.8	15.7	1
VAN08007745	813602	Rock	2.3	5	<3	<2	1.6	16.7	0.7	45	<0.5	1.5	16	1129	5.44	<5	1.2	2.5	382	<0.5	0.7	<0.5	102	3.33	0.1	16.4	3	1.66	558	0.397	8.51	3.78	0.82	1.3	22.9	34	1.4	21.1	7	<0.5	<5	12	6.5	0.6	18.1	1.1
VAN08007745	813603	Rock	3.17	4	<3	<2	2.6	8392.7	1	148	1.8	3.7	264	9041	25.26	8	0.7	<0.5	6	0.6	0.7	2.5	<10	12.04	<0.01	1	5	2.13	10	0.003	0.16	0.02	<0.01	6.8	0.5	<5	<0.5	1.3	<0.5	<0.5	<5	<1	0.9	4.8	<0.5	<0.5
VAN08007745	813604	Rock	1.88	4	<3	<2	2.5	110.3	0.6	95	<0.5	28.2	41	1065	10.45	10	<0.5	0.6	95	<0.5	<0.5	<0.5	473	11.01	0.11	6.7	23	2.49	41	0.78	8.68	0.34	0.02	1.3	10.2	14	0.7	8.4	2.8	<0.5	<5	9	8.6	4.5	1.8	<0.5
VAN08007745	813605	Rock	1.51	<2	<3	9	0.9	117	<0.5	87	<0.5	68.7	48	3262	8.84	27	<0.5	<0.5	11	<0.5	0.8	<0.5	215	0.23	0.03	4.7	77	2.18	32	0.424	2.99	0.02	0.02	<0.5	21.8	8	1	12.7	4.1	<0.5	<5	16	10.6	<0.5	1.3	0.6
VAN08007745	813606	Rock	1.89	6	<3	<2	3.7	61.3	4.9	52	0.7	16.9	6	181	3.29	14	2.4	1.3	155	<0.5	3.6	<0.5	83	1.82	0.09	5.9	36	0.52	59	0.33	5.71	3.82	0.01	<0.5	114.9	7	1.8	16.8	3.6	<0.5	<5	10	5.3	1.9	0.8	4.6
VAN08007745	813607	Rock	1.6	3	<3	<2	1	73.1	0.8	48	<0.5	99.5	33	576	7.95	14	0.8	1.4	43	<0.5	<0.5	<0.5	192	1.56	0.12	11.3	155	3.6	250	0.447	8.47	0.07	1.43	<0.5	50.2	17	0.7	16.2	3.5	<0.5	<5	19	25	1.9	45.4	1.5
VAN08007745	813608	Rock	1.35	6	<3	5	3.7	32	4.5	43	0.7	18.9	3	84	2.23	14	3	<0.5	73	<0.5	1.1	<0.5	131	1.4	0.67	12.8	63	0.85	59	0.154	4.26	0.89	0.5	<0.5	31.3	15	<0.5	32	1.6	<0.5	<5	10	9.2	<0.5	12.1	1
VAN08007745	813609	Rock	0.78	<2	<3	<2	<0.5	8.1	3.3	35	<0.5	2.2	3	481	1.84	8	0.5	1	406	<0.5	2	<0.5	18	1.76	0.04	13.9	3	0.43	299	0.147	8.33	4.16	0.95	<0.5	35.7	25	0.6	8.3	7.3	<0.5	<5	<1	3.9	<0.5	20.4	2
VAN08007745	813610	Rock	2.66	5	<3	<2	<0.5	439.3	<0.5	66	<0.5	16.4	26	1284	6.47	<5	0.5	0.8	74	<0.5	<0.5	<0.5	257	3.17	0.07	7.4	21	2.69	63	0.478	7.62	2.56	0.67	<0.5	26.6	14	<0.5	12.8	2.7	<0.5	<5	24	10.2	<0.5	19.3	1.3
VAN08007745	813611	Rock	1.62	2	<3	<2	3.9	5.9	<0.5	10	<0.5	2.1	9	1215	8.26	<5	1.9	5.1	1650	0.7	1.3	0.8	107	13.12	0.08	25.9	8	0.59	22	0.45	9.57	0.01	0.02	<0.5	48.4	62	0.9	31.2	12.2	0.6	<5	11	3.3	<0.5	<0.5	2.3
VAN08007745	813612	Rock	2.56	3	<3	5	<0.5	9.4	<0.5	42	<0.5	35.3	20	754	3.97	<5	<0.5	<0.5	13	<0.5	<0.5	<0.5	138	0.18	0.01	1.6	50	1.88	24	0.262	3	0.49	0.02	<0.5	12.9	<5	<0.5	3.6	1.8	<0.5	<5	9	7	<0.5	<0.5	<0.5
VAN08007745	813613	Rock	2.92	<2	<3	<2	<0.5	364.4	<0.5	40	<0.5	4.9	14	898	3.67	<5	<0.5	<0.5	70	<0.5	<0.5	<0.5	125	4.5	0.04	5.6	8	1.52	53	0.223	4.35	1.62	0.3	<0.5	18.7	11	<0.5	9.4	1.4	<0.5	<5	13	8.1	<0.5	6.1	<0.5
VAN08007745	813614	Rock	1.62	<2	<3	<2	<0.5	350.4	<0.5	52	<0.5	6.4	24	1063	5.04	<5	<0.5	<0.5	70	<0.5	<0.5	<0.5	186	3.7	0.05	4.7	7	2.16	53	0.342	6.02	2.44	0.36	<0.5	26.5	10	<0.5	10.8	1.5	<0.5	<5	19	7.8	<0.5	11.2	1
VAN08007745	813615	Rock	2.09	<2	<3	<2	<0.5	123.7	<0.5	40	<0.5	15.4	19	1028	4.02	<5	<0.5	<0.5	68	<0.5	<0.5	<0.5	122	3.97	0.03	6.8	12	1.74	17	0.286	4.35	1.7	0.1	<0.5	19	14	<0.5	12.7	2	<0.5	<5	15	15.1	<0.5	2.1	0.9
VAN08007745	813616	Rock	1.18	26	<3	9	0.6	9.1	1.4	69	<0.5	82.2	28	661	5.1	<5	<0.5	0.7	10	<0.5	1.1	<0.5	238	0.45	0.04	3.5	130	2.14	93	0.569	5.26	0.04	1.15	<0.5	84.4	10	0.9	9.2	5.6	<0.5	<5	19	16	<0.5	25.3	2
VAN08007745	813653	Rock	0.79	6	<3	<2	0.6	52.7	1.6	85	<0.5	8.5	23	1562	6.07	<5	1.7	2.3	460	<0.5	<0.5	<0.5	165	4.57	0.12	12.1	9	1.66	264	0.374	8.93	2.56	0.95	0.8	61.8	23	0.8	14.5	3.8	<0.5	<5	14	4.3	<0.5	22.2	1.8
VAN08007745	813656	Rock	1.26	<2	<3	<2	0.6	72	<0.5	63	<0.5	42	33	1345	6.81	<5	<0.5	0.7	191	<0.5	<0.5	<0.5	225	7.29	0.09	8.1	93	3.68	28	0.447	8.44	2.46	0.02	<0.5	23.5	18	<0.5	13	2.5	<0.5	<5	23	9	<0.5	0.6	0.6
VAN08007745	813657	Rock	0.83	8	7	9	<0.5	139.6	<0.5	58	<0.5	119.1	34	902	5.94	6	<0.5	<0.5	151	<0.5	1.1	<0.5	258	6.51	0.03	6.9	198	2.93	14	0.782	7.51	2.27	0.08	<0.5	58.5	15	1.5	15.2	4.1	<0.5	<5	23	12.5	<0.5	3.1	2.1
VAN08007745	813659	Rock	1.48	<2	<3	3	<0.5	85.7	<0.5	63	<0.5	69.2	37	893	6.77	<5	<0.5	1	122	<0.5	2.9	<0.5	257	7.24	0.11	8.5	134	3.47	374	0.486	7.38	0.14	1.99	<0.5	46.9	19	<0.5	9.9	3.6	<0.5	<5	29	8.3	<0.5	45.4	1
VAN08007745	813660	Rock	1.93	<2	<3	2	2.2	15	7.7	7	<0.5	31.6	7	1240	2.54	185	0.7	<0.5	263	<0.5	0.9	<0.5	35	36.92	<0.01	5.2	18	0.43	<5	0.054	0.63	0.02	0.06	<0.5	4.6	<5	<0.5	4.3	<0.5	<0.5	<5	3	2.5	2.2	5	<0.5
VAN08007745	813661	Rock	1.81	3	9	16	<0.5	200.8	<0.5	77	<0.5	125.5	36	1137	7.67	<5	<0.5	<0.5	55	<0.5	<0.5	<0.5	298	6.51	0.05	5.1	232	3.51	95	0.806	7.31	0.1	1.33	<0.5	55.7	10	1.2	13.8	4.8	<0.5	<5	28	24.9	<0.5	50.2	1.8
VAN08007745	813668	Rock	2.12	<2	<3	<2	<0.5	33.1	30.4	72	<0.5	2.8	13	1120	4.45	<5	1.1	2.4	447	<0.5	<0.5	<0.5	147	4.01	0.1	12.8	9	1.29	635	0.478	8.23	2.95	1.85	<0.5	78.1	26	27.9	20.2	5.3	<0.5	<5	13	4.7	<0.5	45	3.1
VAN08007745	813669	Rock	1.34	<2	3	<2	<0.5	51.5	1.2	84	<0.5	8.5	27	1426	7.39	<5	<0.5	0.7	438	<0.5	0.8	<0.5	313	4.49	0.08	7.4	16	2.65	328	0.609	9.04	2.53	0.68	<0.5	57.8	15	0.9	16.7	2.1	<0.5	<5	23	13.1	<0.5	23.9	1.2
VAN08007745	813670	Rock	0.98	<2	4	<2	<0.5	72.4	2.3	84	<0.5	5.1	23	1265	6.27	<5	<0.5	1.1	251	<0.5	3.2	<0.5	283	5.61	0.11	8.2	4	1.79	645	0.56	8.58	1.41	2.14	<0.5	46.8	18	<0.5	12.6	2.7	<0.5	<5	18	4.9	<0.5	44.7	1.1
VAN08007745	813674	Rock	1.51	<2	12	14	<0.5	49	3.7	50	<0.5	118.1	38	1294	5.5	25	<0.5	0.5	963	<0.5	1	<0.5	336	14.43	0.06	7.2	263	1.25	356	1.051	8.96	0.97	0.47	0.7	116.4	16	1.2	18.7	7.4	<0.5	<5	27	4.4	<0.5	10.6	1.8
VAN08007745	813675	Rock	1.38	2	8	19	<0.5	189.5	1.5	88	<0.5	185.4	46	943	9.39	58	<0.5	<0.5	315	<0.5	<0.5	<0.5	386	11.18	0.09	6	192	0.31	428	1.192	8.14	0.47	3.48	2	33.1	16	<0.5	17.6	10.1	<0.5	<5	19	1.5	9.7	71.7	1.3

Rock Geochemistry		Element	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	Au*
Report #	**Sample #**	Unit	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
2082062	TJ08-AR1	Rock	2.2	5.82	139	6	17	16	15.49	11	74	28	4500	14.83	.03	1.48	2182	32	.01	7	.05	8	1.15	13	<2	176	<5	<0.01	<5	24	85	18
2082062R	TJ08-AR2	Rock	17.4	.53	93	5	5	31	5.50	32	374	33	72000	44.77	.02	.16	804	2	.01	1	.04	16	>10	16	<2	18	<5	<0.01	<5	30	432	19
2082062R	TJ08-AR3	Rock	22.0	1.20	70	<5	20	<10	1.30	10	130	30	20300	16.90	.01	.20	1400	5	.01	5	.01	2	4.50	<2	<2	20	<5	<0.01	<5	<1	920	250
2082062R	TJ08-AR4	Rock	36.0	.10	10	<5	1	<10	3.90	5	70	10	31200	14.70	.01	.10	3470	4	.01	10	.01	2	4.95	<2	<2	20	<5	<0.01	<5	<1	510	185
2082062	TJ08-AR5	Rock	5.8	.32	538	32	6	37	4.02	20	85	26	2000	29.57	.04	.30	8342	33	.01	1	.04	10	4.62	36	<2	27	<5	<0.01	<5	29	103	390

Rock Geochemistry Highlights				Mo	Cu	Pb	Zn	Ag	Ni	Co	Fe	As	Bi	Ca	Ba	W	Hg	S	Se	Au**	Pt	Pd
Sample #	Easting	Northing	Elevation	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppb	ppb	ppb
364551	location not recorded by GPS			1.8	834.2	1.4	36	<.5	17.4	18.1	58.48	8	0.5	0.32	22	0.8	0.06	0.6	<2	40		
364552	location not recorded by GPS			0.9	6004.9	23.9	552	3.7	<.5	41.6	5.93	101	0.8	8.33	11	0.7	0.56	2.6	8	33		
364553	location not recorded by GPS			7.8	68570	1.2	94	9.2	27.5	275.2	13.44	171	2.2	0.1	<5	0.5	0.37	6.5	57	137		
364554	location not recorded by GPS			2.8	185946	35.8	863	159.7	807.6	438.5	22.12	918	22.6	2.59	<5	<.5	2.14	19.7	74	8010		
364555	location not recorded by GPS			4.4	145656	49.1	640	136.3	1217	467.4	20.46	935	20.3	3.73	<5	<.5	2.07	18.1	68	7776		
364556	location not recorded by GPS			1.8	23896	0.9	137	3.4	32.8	145.5	11.95	49	1.1	0.3	<5	<.5	0.31	2.3	33	78		
364557	location not recorded by GPS			8.1	95828	5.5	579	16.9	45.3	356.8	13.08	237	4.4	0.05	<5	0.6	5.82	11.6	188	235		
364558	location not recorded by GPS			1.8	42284	1.7	85	8.4	14.9	109.7	7.18	238	2.2	0.05	<5	<.5	0.64	5.6	49	133		
364559	location not recorded by GPS			<.5	3921.8	0.6	75	0.5	77.8	40.7	8.5	<5	<.5	0.86	<5	<.5	0.14	0.6	5	5		
364560	location not recorded by GPS			0.7	124.5	<.5	<5	<.5	7.6	3.9	0.9	<5	<.5	2.2	<5	<.5	<.05	<.5	<2	89		
364561	location not recorded by GPS			<.5	4243.4	<.5	75	<.5	77.7	39.7	8.27	<5	<.5	1.8	<5	<.5	0.07	0.7	7	<2		
364562	location not recorded by GPS			1.2	26.1	<.5	48	<.5	34.1	19	3.63	5	<.5	4.2	7	<.5	<.05	<.5	<2	23		
364601	356847	5428456	402	13.6	44948	18.5	459	14.9	<.5	632	36.33	768	5.4	1.55	25	4	0.35	7.6	71	22.4		
362651	356847	5428456	402	3.4	19124	6.8	2588	4.1	<.5	351	28.47	55	20.6	6.01	5	13.4	0.56	10.9	33	5.3		
362652	354329	5430066	289	1.1	4092	11.2	5	1	<.5	35.6	29.7	45	5.1	0.68	6	0.8	0.11	19.1	35	2.4		
362653	354329	5430066	284	1.6	36968	8	755	8.7	4.4	1199	37.06	727	4.9	2.31	32	<.5	1.18	27	99	40.6		
362654	354347	5430057	284	0.7	150008	8.3	3945	29	7.6	690.7	36.27	116	3.9	0.04	13	<.5	9.16	27.8	137	76.2		
362655	354309	5430062	278	13.6	1317.6	3.1	113	<.5	<.5	47.4	20.85	35	0.5	3.42	25	21.6	0.08	<.5	<2	<.2		
362656	352373	5433750	79	0.9	84.4	7.4	74	0.9	46.1	63	12.61	15	<0.5	3.76	459	<0.5	0.51	8.6	10	15		
362657	352436	5433914	119	23.8	15239	5.9	20	5	5.1	63.8	12.65	32	1.3	3.06	<5	1.6	0.2	9.1	30	13		
362658	352454	5434054	156	50.1	34162	6.5	14	3.5	10.7	146	15.35	68	1.2	0.6	24	<0.5	0.2	10.4	>100	4		
362659	352661	5433986	193	2.6	2147	3.2	39	<0.5	1.9	25.5	9.59	20	<0.5	20.82	54	7.3	0.06	0.8	2	<2		
362660	362314	5433841	525	1	190.9	2.4	38	<0.5	114.9	29.8	6.23	<5	<0.5	1.28	9	<0.5	<0.05	3.5	4	2		
362672	354075	5430461	278	0.9	17.7	0.6	36	<0.5	48.7	38.9	39.15	39	<0.5	7.49	14	0.8	0.17	5.7	<2	5		
362673	354069	5430462	278	0.8	3306	1.3	20	<0.5	0.5	21.5	15.95	14	<0.5	15.65	6	14.4	<0.05	<0.5	<2	<2		
362674	354047	5430478	287	<0.5	52423	1.5	1043	13.7	7.4	119.7	23.45	53	<0.5	10.92	<5	<0.5	0.26	7.3	69	237		
362675	353966	5430583	292	2.3	237.3	1.1	15	<0.5	<0.5	19.3	18.2	60	0.6	14.72	<5	7	0.06	3.1	<2	<2		
362676	357989	5427780	157	1.2	6781	1778	36657	11.8	5.4	45.8	16.21	15	35.3	16.87	<5	21.5	56.42	3.2	77	10	6	5
362677	357989	5427780	157	13.4	50365	29	1351	22.7	7.3	70.7	31.21	46	19.2	3.11	6	6.4	2.55	3.2	97	18	<3	3
364602	location not recorded by GPS			36.2	3785	61.9	5309	7.9	37.3	24.8	21.1	217	3	4.89	50	1	3.42	5.5	20	126	<3	<2
364603	location not recorded by GPS			2.3	28.7	17.1	33	<0.5	1.7	1.9	1.17	<5	<0.5	0.05	228	<0.5	0.05	0.6	<2	5	<3	<2
364604	location not recorded by GPS			1.9	14.5	1.6	43	<0.5	2.4	6.1	3.06	<5	<0.5	1.09	68	<0.5	<0.05	1.3	<2	<2	<3	<2
364605	location not recorded by GPS			4.2	18.2	11.2	76	<0.5	18.6	4.2	1.35	<5	<0.5	4.16	13	<0.5	0.08	<0.5	6	3	<3	2
364606	location not recorded by GPS			1	519.4	1.3	49	<0.5	124.2	42.1	6.01	8	<0.5	2.72	61	<0.5	<0.05	1	<2	5	8	21
364607	location not recorded by GPS			4.1	26.8	4.4	116	<0.5	43.4	7.6	1.49	<5	<0.5	3.83	11	<0.5	0.11	<0.5	2	<2	<3	4
364608	location not recorded by GPS			5.1	37.4	4.8	70	<0.5	21.6	4.2	1.04	8	<0.5	3.84	6	<0.5	0.08	<0.5	17	<2	<3	3
364609	location not recorded by GPS			2.9	29.7	3.9	108	<0.5	41.2	6.5	2.05	7	<0.5	12.75	49	<0.5	0.12	<0.5	<2	<2	5	4
364610	location not recorded by GPS			2.9	46.7	0.9	92	<0.5	33.5	5.2	2.08	5	<0.5	9.84	35	<0.5	0.08	<0.5	8	<2	<3	5
813551	353254	5434006	367	2	207.8	17.1	80	<0.5	155.9	39	10.75	25	<0.5	2.5	750	<0.5		6.6		25	12	18
813552	353184	5434094	364	0.6	46.6	1	63	<0.5	6.5	18	4.93	31	<0.5	5.02	358	<0.5		<0.5		<2	3	<2
813553	352531	5434444	370	1.6	25	1.7	14	<0.5	6.6	7	2.13	8	<0.5	4	188	<0.5		1.2		14	<3	<2
813554	352460	5434541	364	2	6677.6	4.3	15	3.5	54.2	32	29.33	114	<0.5	14.91	49	3.6		4.3		22	<3	<2
813555	352447	5434569	361	2	28221	3.1	112	10.2	39.6	118	24.83	98	<0.5	6.06	224	1.8		0.8		15	<3	4
813556	357492	5429070	365	2	211.1	5.6	45	<0.5	4.4	6	3.3	<5	<0.5	0.66	574	0.8		0.8		3	<3	<2
813557	354616	5429043	73	1	525.2	0.8	30	<0.5	2.9	8	2.39	<5	<0.5	1.45	774	0.9		<0.5		4	<3	<2
813558	352461	5434512	358	2	109.4	<0.5	<5	<0.5	5.7	3	1.45	<5	<0.5	0.18	600	0.5		<0.5		<2	<3	<2
813559	352428	5434606	358	2.9	64.1	5.2	7	<0.5	2.4	5	8.08	<5	2	11.72	58	0.8		<0.5		5	<3	<2
813560	352456	5434540	354	5.3	3385.6	3.1	900	6.2	8.6	27	23.31	73	0.7	3.63	28	3.7		0.7		14	<3	<2
813561	355316	5431627	614	1.3	65.6	<0.5	22	<0.5	5.3	11	3.28	<5	<0.5	3.3	91	0.5		0.9		11	<3	<2
813562	355272	5431639	618	0.8	37.5	1.9	16	<0.5	1.2	4	2.18	<5	<0.5	0.97	1201	<0.5		0.5		7	<3	4
813563	355200	5431700	617	0.6	23.8	3.3	19	<0.5	2.2	48	2.97	41	<0.5	12.95	29	<0.5		1.3		5	<3	<2
813564	355094	5431602	568	1.7	719.4	5.6	42	0.9	10.2	249	47.99	156	1.4	4.96	60	0.7		13		15	<3	<2
813567	354921	5431377	572	2.2	3.2	7.1	14	<0.5	3.7	104	33.47	<5	1.6	4.73	<5	0.6		31.7		5	<3	<2
813568	354118	5430874	402	32.7	18457	3.2	55	7	4	56	48.26	70	0.9	5.5	<5	10.3		1.8		3	<3	<2
813569	354016	5430755	361	52.2	9080.9	20.6	225	2	2.2	76	51.52	283	1.7	2.07	<5	4.7		10		50	7	<2
813570	359661	5429157	629	3.1	645.1	2.9	42	<0.5	3.5	7	4.11	8	<0.5	1.2	892	<0.5		0.6		<2	4	<2
813601	354536	5432924	557	2	9.4	4.9	139	<0.5	<0.5	24	7.41	<5	<0.5	3.33	596	<0.5		0.8		34	<3	<2
813602	354436	5432924	575	1.6	16.7	0.7	45	<0.5	1.5	16	5.44	<5	<0.5	3.33	558	1.3		0.6		5	<3	<2
813603	356854	5428466	400	2.6	8392.7	1	148	1.8	3.7	264	25.26	8	2.5	12.04	10	6.8		4.8		4	<3	<2
813604	359621	5429351	604	2.5	110.3	0.6	95	<0.5	28.2	41	10.45	10	<0.5	11.01	41	1.3		4.5		4	<3	<2
813605	360796	5433119	589	0.9	117	<0.5	87	<0.5	68.7	48	8.84	27	<0.5	0.23	32	<0.5		<0.5		<2	<3	9
813606	360071	5433169	610	3.7	61.3	4.9	52	0.7	16.9	6	3.29	14	<0.5	1.82	59	<0.5		1.9		6	<3	<2
813607	361206	5431648	887	1	73.1	0.8	48	<0.5	99.5	33	7.95	14	<0.5	1.56	250	<0.5		1.9		3	<3	<2
813608	361114	5431663	898	3.7	32	4.5	43	0.7	18.9	3	2.23	14	<0.5	1.4	59	<0.5		<0.5		6	<3	5
813609	360811	5432654	661	<0.5	8.1	3.3	35	<0.5	2.2	3	1.84	8	<0.5	1.76	299	<0.5		<0.5		<2	<3	<2
813610	360682	5433317	595	<0.5	439.3	<0.5	66	<0.5	16.4	26	6.47	<5	<0.5	3.17	63	<0.5		<0.5		5	<3	<2
813611	352350	5433828	91	3.9	5.9	<0.5	10	<0.5	2.1	9	8.26	<5	0.8	13.12	22	<0.5		<0.5		2	<3	<2
813612	360550	5433136	585	<0.5	9.4	<0.5	42	<0.5	35.3	20	3.97	<5	<0.5	0.18	24	<0.5		<0.5		3	<3	5
813613	360555	5433147	588	<0.5	364.4	<0.5	40	<0.5	4.9	14	3.67	<5	<0.5	4.5	53	<0.5		<0.5		<2	<3	<2
813614	360560	5433149	584	<0.5	350.4	<0.5	52	<0.5	6.4	24	5.04	<5	<0.5	3.7	53	<0.5		<0.5		<2	<3	<2
813615	360575	5433143	586	<0.5	123.7	<0.5	40	<0.5	15.4	19	4.02	<5	<0.5	3.97	17	<0.5		<0.5		<2	<3	<2
813616	360694	5433172	608	0.6	9.1	1.4	69	<0.5	82.2	28	5.1	<5	<0.5	0.45	93	<0.5		<0.5		26	<3	9
813653	354173	5433658	444	0.6	52.7	1.6	85	<0.5	8.5	23	6.07	<5	<0.5	4.57	264	0.8		<0.5		6	<3	<2
813656	356164	5433472	453	0.6	72	<0.5	63	<0.5	42	33	6.81	<5	<0.5	7.29	28	<0.5		<0.5		<2	<3	<2
813657	357136	5434632	452	<0.5	139.6	<0.5	58	<0.5	119.1	34	5.94	6	<0.5	6.51	14	<0.5		<0.5		8	7	9
813659	356244	5435062	472	<0.5	85.7	<0.5	63	<0.5	69.2	37	6.77	<5	<0.5	7.24	374	<0.5		<0.5		<2	<3	3
813660	356259	5435067	473	2.2	15	7.7	7	<0.5	31.6	7	2.54	185	<0.5	36.92	<5	<0.5		2.2		<2	<3	2
813661	356263	5435057	475	<0.5	200.8	<0.5	77	<0.5	125.5	36	7.67	<5	<0.5	6.51	95	<0.5		<0.5		3	9	16
813668	359059	5431426	376	<0.5	33.1	30.4	72	<0.5	2.8	13	4.45	<5	<0.5	4.01	635	<0.5		<0.5		<2	<3	<2
813669	359057	5431428	378	<0.5	51.5	1.2	84	<0.5	8.5	27	7.39	<5	<0.5	4.49	328	<0.5		<0.5		<2	3	<2
813670	359031	5431426	374	<0.5	72.4	2.3	84	<0.5	5.1	23	6.27	<5	<0.5	5.61	645	<0.5		<0.5		<2	4	<2
813674	353306	5434025	367	<0.5	49	3.7	50	<0.5	118.1	38	5.5	25	<0.5	14.43	356	0.7		<0.5		<2	12	14
813675	353300	5434043	367	<0.5	189.5	1.5	88	<0.5	185.4	46	9.39	58	<0.5	11.18	428	2		9.7		2	8	19
TJ08-AR1	362281	5433827	541	32	4500	8	85	2.2	7	74	14.83	139	16	15.49	17			1.15		18		
TJ08-AR2	362282	5433867	576	2	72000	16	432	17.4	1	374	44.77	93	31	5.50	5			>10		19		
TJ08-AR3	362283	5433896	600	5	20300	2	920	22.0	5	130	16.90	70	<10	1.30	20			4.50		250		
TJ08-AR4	362325	5433812	544	4	31200	2	510	36.0	10	70	14.70	10	<10	3.90	1			4.95		185		
TJ08-AR5	362263	5433862	587	33	2000	10	103	5.8	1	85	29.57	538	37	4.02	6			4.62		390		

2007 & 2008 Moss Mat Sample Locations for Nahmint Project

Sample #	Date	Sampler	Property	Stream capacity		Inclination (degrees)	Flow Rate (m.p.s.)	Ph of waters	Sediment Colour	Sediment Texture	Organics (%)	Bedrock Lithology	Float Lithology	Additional observations and remarks	Easting	Northing	Elev.
				Width (m)	Depth (m)												
362661	12-Sep-07	Houle, J.	Nahmint	10	2	20	2	8	brown	sand	90	skarn, limestone with garnetite bands @ 150/80		Sunshine area above Sing ML	354053	5430496	280
362662	12-Sep-07	Houle, J.	Nahmint	3	1	5	0.1	7.72	brown	silt	90		volcanic, limestone, intrusive	Sunshine area above Sing ML	354523	5429705	220
362663	12-Sep-07	Houle, J.	Nahmint	5	0.5	25	dry		brown	silt	90	intrusive	mixed	S. Cross area above Sing ML	354929	5429408	243
362664	12-Sep-07	Houle, J.	Nahmint	10	0.1	45	1	8.15	brown	sand	90	argillite bedded @ 340/25 with intrusive sills		S. Cross area above Sing ML	355375	5428815	223
362665	12-Sep-07	Houle, J.	Nahmint	5	0.5	45	dry		brown	silty sand	95	limestone, marble, skarn with shearing @ 240/55 & 135/90		S. Cross area above Sing ML	355758	5428659	293
362666	12-Sep-07	Houle, J.	Nahmint	3	1	5	0.5	7.75	brown	silt	90	volcanic	limestone, volcanic, intrusive	Defiance area above Sing ML	357092	5429036	451
362667	12-Sep-07	Houle, J.	Nahmint	5	2	2.5	2	7.63	brown	sand	75		intrusive, volcanic, limestone	Defiance area above Sing ML	357236	5429310	465
362668	12-Sep-07	Houle, J.	Nahmint	3	0.5	2.5	0.5	7.1	brown	silt	95	intrusive with dikes foliated @ 125/25		Hecate Mtn. area above Sing ML	358203	5430070	523
382669	12-Sep-07	Houle, J.	Nahmint	4	1	20	0.1	not sampled	brown	silt	90	limestone under pyritic volcanics contact @ 170/20		Creek above Sing ML	357886	5431180	502
362670	12-Sep-07	Houle, J.	Nahmint	3	0.5	2.5	dry		brown	silt	95		volcanic	Creek above Sing ML	358315	5431949	460
362671	12-Sep-07	Houle, J.	Nahmint	7	1	10	2	not sampled	brown	silt	90	intrusive breccia or volcanic debris flow; quartz stringers @ 255/75		Creek above Sing ML	357764	5432246	443
813565	25-Jul-08	Jacques Houle	Nahmint	0.1	0.1	10	0.01	not sampled	Brown	Muddy	98	Limestone	Felsic Intrusion		355123	5431557	562
813566	25-Jul-08	Jacques Houle	Nahmint	1	0.25	5	0.25	not sampled	Brown	Silt	90	Felsic Intrusion			355082	5431508	566
813651	22-Jul-08	Ken Porteous	Nahmint	0.3	0.1	40	0.2	7.5	Brown	Fine sand	95	Extrusive			353520	5433464	298
813652	22-Jul-08	Ken Porteous	Nahmint	0.25	0.08	30	0.1	7.95	Brown	Fine sand	90	Limestone			353813	5433727	438
813654	22-Jul-08	Ken Porteous	Nahmint	0.8	0.15	8	0.1	7.55	Brown	Fine sand	90		Limestone		354320	5433597	454
813655	22-Jul-08	Ken Porteous	Nahmint	0.4	0.15	10	0.05	7.89	Brown	Fine sand	95	Limestone			355523	5433525	465
813658	22-Jul-08	Ken Porteous	Nahmint	2.5	0.2	10	0.25	7.86	Brown	Fine sand	95	Basalt			357153	6435047	490
813662	23-Jul-08	Ken Porteous	Nahmint	0.4	0.1	30	0.15	7.2	Brown	Med. Sand	85	Basalt			356566	5435443	501
813663	23-Jul-08	Ken Porteous	Nahmint	0.5	0.08	5	0.08	7.36	Brown	Med. Sand	85		Basalt and Granite		359387	5434123	496
813664	23-Jul-08	Ken Porteous	Nahmint	0.6	0.1		0.15	7.78	Brown	Fine sand	85	Basalt			360148	5433287	549
813665	23-Jul-08	Ken Porteous	Nahmint	2.5	0.5	22	0.2	7.98	Brown	Coarse sand	90	Basalt			360701	5433177	597
813666	24-Jul-08	Ken Porteous	Nahmint	Dry	Dry	28			Brown	Fine sand	90	Basalt			358818	5433069	464
813667	24-Jul-08	Ken Porteous	Nahmint	0.4	0.05	5	0.07	7.38	Brown	Med. Sand	60		Granite and Basalt		359013	5431567	382
813671	24-Jul-08	Ken Porteous	Nahmint	0.4	0.05	10	0.03	7.5	Brown	Fine sand	70	Basalt			360178	5430162	537
813672	24-Jul-08	Ken Porteous	Nahmint	0.35	0.08	10	0.05	7.72	Brown	Fine sand	85	Basalt			357923	5431244	499
813673	25-Jul-08	Ken Porteous	Nahmint	1	0.15	8	0.15	7.85	Brown	Med. Sand	75	Basalt			357452	5432057	506
813676	25-Jul-08	Ken Porteous	Nahmint	Dry	Dry	30			Brown	Fine sand	90		Granite and Basalt		352756	5434981	399
813677	26-Jul-08	Ken Porteous	Nahmint	Dry	Dry	30			Brown	Fine sand	85	Intrusive			353148	5433726	268
813678	26-Jul-08	Ken Porteous	Nahmint	Dry	Dry	40			Brown	Fine sand	95	Granite			352589	5435250	165
813679	26-Jul-08	Ken Porteous	Nahmint	Dry	Dry	12			Brown	Fine sand	90		Basalt and Granite		352500	5433305	84
813680	26-Jul-08	Ken Porteous	Nahmint	0.6	0.1	25	0.1	7.43	Brown	Med. Sand	90		Granite, basalt, limestone and marble	Large pyrite veins (2cm wide) in a few basalt boulders	352278	5432371	32
813701	22-Jul-08	Connor Porteous	Nahmint	0.2	0.05	16	0.15	7.92	Brown	Fine sand	80		Limestone Extrusive		353424	5433961	374
813702	23-Jul-08	Connor Porteous	Nahmint	1.5	0.35	12	0.3	7.93	Brown	Fine sand	90		Limestone		354108	5433669	442
813703	24-Jul-08	Connor Porteous	Nahmint	2	0.08	20	0.1	7.86	Brown	Fine sand	95		Extrusive		354869	5433170	493
813704	25-Jul-08	Connor Porteous	Nahmint	Dry	Dry	15	0		Brown	coarse sand	90	Extrusive			356172	5433474	450
813705	26-Jul-08	Connor Porteous	Nahmint	1.5	0.1	7	0.25	7.9	Brown	Fine sand	70	Basalt			357134	5434633	458
813706	23-Jul-08	Connor Porteous	Nahmint	Dry	Dry	5	0		Brown	coarse sand	95	Limestone			356247	5435065	472
813707	23-Jul-08	Connor Porteous	Nahmint	0.75	0.15	22	0.1	7.49	Brown	Fine sand	95	Basalt			358806	5434181	519
813708	23-Jul-08	Connor Porteous	Nahmint	0.75	0.05	8	0.25	7.38	Brown	Fine sand	90		Basalt, Granite and Limestone		359268	5434083	488
813709	23-Jul-08	Connor Porteous	Nahmint	1	0.07	5	0.15	7.62	Brown	coarse sand	95		Basalt, Granite and Limestone		359400	5434100	489
813710	23-Jul-08	Connor Porteous	Nahmint	1.5	0.05	5	0.3	7.79	Brown	Fine sand	95	Basalt			359235	5433946	474
813711	23-Jul-08	Connor Porteous	Nahmint	5.5	0.1	6	0.5	7.87	Brown	coarse sand	90	Basalt			359423	5433683	491
813712	24-Jul-08	Connor Porteous	Nahmint	0.5	0.05	10	0.05	7.04	Brown	coarse sand	90		Basalt, Granite and Limestone		359270	5433605	490
813713	24-Jul-08	Connor Porteous	Nahmint	1.5	0.08	24	0.4	7.48	Brown	Fine sand	50	Basalt			359375	5431668	398
813714	24-Jul-08	Connor Porteous	Nahmint	0.7	0.08	24	0.1	7.73	Brown	Fine sand	70	Basalt			360181	5431136	545
813715	24-Jul-08	Connor Porteous	Nahmint	1.25	0.15	26	0.15	7.93	Brown	Fine sand	85	Basalt			357716	5432181	440
813716	25-Jul-08	Connor Porteous	Nahmint	0.5	0.05	38	0.15	8	Brown	Fine sand	95	Basalt			355766	5428971	231
813717	25-Jul-08	Connor Porteous	Nahmint	1.75	0.65	38	0.25	8.21	Brown	Fine sand	90	Limestone and basalt			353301	5434027	364
813718	25-Jul-08	Connor Porteous	Nahmint	0.2	0.05	30	0.05	8.18	Brown	Fine sand	85	Basalt			352969	5434270	358
813719	26-Jul-08	Connor Porteous	Nahmint	0.75	0.1	26	0.2	8.16	Brown	Fine sand	95	Basalt			352257	5433794	77
813720	26-Jul-08	Connor Porteous	Nahmint	0.5	0.2	36		8.05	Brown	Fine sand	90	Basalt			352616	5435384	166
813721	26-Jul-08	Connor Porteous	Nahmint	0.25	0.05	30	0.08	7.8	Brown	coarse sand	90	Basalt			352330	5432600	28
813722	26-Jul-08	Connor Porteous	Nahmint	1	0.15	30	0.1	7.91	Brown	Med. Sand	70	Limestone and basalt			351994	5431692	46

Geochemistry		Method	SS80	3B	3B	3B	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	LOI
Moss Mats		Analyte	Wt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	LOI
		Unit	G	PPB	PPB	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	PPM	PPM	PPM	PPM	%	PPM	PPM	%
Report #	**Sample #**	MDL	0	2	3	2	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.5	5	2	0.1
VAN07001333	362661	Moss		<2	<3	<2	3.1	187.4	12.5	280	<0.5	35.7	20.3	1740	4.61	35	2.3	<0.5	58	2.1	1.6	<0.5	106	1.85	0.123	6.9	38.5	1.31	102	0.183	2.83	0.02	0.05	0.7	0.25	7.5	<0.5	<0.5	6	5	
VAN07001333	362662	Moss		7	<3	<2	1.7	71.3	20.2	156	<0.5	16.6	12.4	1803	3.07	27	2.6	<0.5	44	0.7	0.8	<0.5	66	2.05	0.081	5.5	21.3	1.15	109	0.117	2.22	0.01	0.08	<0.5	0.23	5.4	<0.5	<0.5	<5	4	
VAN07001333	362663	Moss		3	<3	<2	1.6	82	12	183	<0.5	26.4	16.8	1618	4.78	43	1.7	0.7	37	0.5	1.5	<0.5	128	1.3	0.085	7.7	31.9	1.51	82	0.218	2.57	0.01	0.05	3.2	0.19	7.9	<0.5	<0.5	7	<2	
VAN07001333	362664	Moss		4	<3	<2	1.5	99	29.4	220	<0.5	32.9	17.3	1225	4.43	55	3.9	0.5	38	1.2	1.6	<0.5	130	1.36	0.108	14.2	43.7	0.94	68	0.193	2.44	0.01	0.06	0.5	0.25	8.3	<0.5	<0.5	7	3	
VAN07001333	362665	Moss		4	4	<2	1.5	74.2	19	347	<0.5	19.9	10.9	3392	2.49	46	2.7	<0.5	51	2.5	1.8	<0.5	53	3.05	0.138	7.8	22.2	0.67	131	0.073	1.73	<0.01	0.08	1.7	0.56	5	<0.5	<0.5	<5	4	
VAN07001333	362666	Moss		<2	<3	<2	1.5	42.3	13.7	167	<0.5	18	28.2	3373	2.32	10	1.5	<0.5	37	0.8	<0.5	<0.5	53	1.62	0.103	4.9	23.8	0.38	69	0.107	2.23	<0.01	0.05	0.7	0.23	3.8	<0.5	<0.5	<5	5	
VAN07001333	362667	Moss		<2	<3	<2	1.3	47.6	18.2	159	<0.5	26.3	14.6	1001	3.54	17	1.8	<0.5	46	1.4	<0.5	<0.5	105	1.4	0.097	6	35.4	1.05	64	0.176	2.51	0.01	0.05	<0.5	0.13	5.5	<0.5	<0.5	6	3	
VAN07001333	362668	Moss		<2	<3	<2	1.8	69.6	47.5	152	<0.5	30.3	17.2	3403	3.44	63	3.5	<0.5	41	1.4	0.8	<0.5	85	1.69	0.123	7.1	31.7	0.47	61	0.137	3	0.01	0.08	<0.5	0.31	5.9	<0.5	<0.5	6	3	
VAN07001333	362669	Moss		5	<3	<2	1.2	58.4	27.7	113	<0.5	20.2	13.1	1479	3.21	37	3	<0.5	52	1.9	1	<0.5	87	2.99	0.115	9.7	24.2	0.69	73	0.12	2.51	<0.01	0.08	<0.5	0.22	6.7	<0.5	<0.5	6	5	
VAN07001333	362670	Moss		<2	<3	2	0.8	64.5	9.8	105	<0.5	25.4	29.2	2368	2.44	5	<0.5	<0.5	37	0.8	<0.5	<0.5	76	1.24	0.096	7.2	33.5	0.41	67	0.151	3.95	0.01	0.05	<0.5	0.24	6.7	<0.5	<0.5	<5	4	
VAN07001333	362671	Moss		16	<3	4	1.1	98.1	31.7	164	<0.5	56.3	25.9	1350	4.86	18	2.2	<0.5	35	1.8	0.7	<0.5	153	1.41	0.075	5.6	74.6	1.7	46	0.344	2.99	0.02	0.05	<0.5	0.24	10.1	<0.5	<0.5	8	3	
VAN08007744	813565	Moss	29.66	2	5	<2	1.5	21.5	13.7	89	<0.5	5.2	11	3634	1.72	8	2.4	<0.5	57	<0.5	<0.5	<0.5	30	2.64	0.127	8.4	8.9	0.15	88	0.06	2.68	0.01	0.24	<0.5	0.26	3.3	<0.5	<0.5	<5	7	78.2
VAN08007744	813566	Moss	38.446	<2	3	<2	1.9	23.3	25	105	<0.5	12.1	229.7	17485	4.57	6	0.5	<0.5	26	0.7	<0.5	<0.5	91	0.76	0.077	4.9	13.6	0.39	143	0.128	2.34	0.01	0.06	<0.5	0.2	3.7	<0.5	<0.5	8	4	49.4
VAN08007744	813651	Moss	51.085	7	<3	<2	1.8	41.1	8.3	108	<0.5	30	10.5	917	2.83	11	1.4	<0.5	39	0.8	0.8	<0.5	65	1.34	0.15	7.5	48.8	1.11	60	0.088	2.27	0.01	0.1	<0.5	0.1	6.4	<0.5	<0.5	<5	5	31.1
VAN08007744	813652	Moss	22.418	<2	4	<2	0.8	40.2	7.9	71	<0.5	17.5	9.9	1705	1.95	5	0.5	<0.5	49	<0.5	<0.5	<0.5	39	1.74	0.115	7.1	25.1	0.47	74	0.055	2.2	0.01	0.13	<0.5	0.16	4.1	<0.5	<0.5	<5	4	64.4
VAN08007744	813654	Moss	65.077	11	<3	<2	6.3	66.6	36.2	125	<0.5	39.3	11.3	1389	3.12	20	1.3	<0.5	34	1.8	1.7	<0.5	53	1.22	0.283	10.6	55.7	0.89	67	0.015	1.88	<0.01	0.09	<0.5	0.15	5.8	<0.5	<0.5	<5	6	25.4
VAN08007744	813655	Moss	89.587	93	<3	3	5.5	70.5	12.7	189	<0.5	45.3	15.8	1264	4.46	34	1	<0.5	26	2.7	2.4	<0.5	89	1.02	0.199	8.9	48.6	1.06	59	0.034	2.17	0.01	0.08	<0.5	0.12	8.1	<0.5	<0.5	<5	8	17.8
VAN08007744	813658	Moss	60.164	22	<3	11	0.6	141	6.8	113	<0.5	63.3	35.3	1711	6.11	16	<0.5	<0.5	24	<0.5	0.6	<0.5	209	1.33	0.062	4.8	86	1.95	26	0.504	3.45	0.01	0.06	<0.5	0.07	13.1	<0.5	<0.5	11	<2	28.5
VAN08007744	813662	Moss	65.764	23	<3	7	0.6	110.8	10.2	93	<0.5	61.8	30	1350	5.36	9	<0.5	<0.5	23	<0.5	<0.5	<0.5	176	0.94	0.051	4.7	84	1.7	22	0.4	3.1	0.02	0.08	<0.5	0.1	10.9	<0.5	<0.5	9	2	27.5
VAN08007744	813663	Moss	44.275	7	<3	9	0.8	108.9	6.6	77	<0.5	27.6	19.4	1824	2.72	31	<0.5	<0.5	40	<0.5	0.6	<0.5	81	1.89	0.089	8.2	55.8	0.42	47	0.116	3.08	<0.01	0.05	<0.5	0.16	9.7	<0.5	<0.5	5	4	62.7
VAN08007744	813664	Moss	62.143	20	<3	6	4.7	115	8.7	282	<0.5	90.7	25	1583	5.18	71	1.3	<0.5	27	3.9	4.5	<0.5	142	1.42	0.127	6.5	82.4	1.7	32	0.164	2.85	0.02	0.1	<0.5	0.19	11.2	0.6	<0.5	7	5	27.4
VAN08007744	813665	Moss	94.383	11	4	7	1.1	130.3	6.9	123	<0.5	81.4	32.3	1752	5.86	35	0.5	<0.5	21	0.8	2.1	<0.5	177	0.94	0.091	5.2	100.4	1.88	46	0.221	3.47	0.01	0.08	<0.5	0.2	13.3	<0.5	<0.5	9	3	19
VAN08007744	813666	Moss	46.837	163	<3	4	0.6	44.2	9	100	<0.5	23.8	28	2584	3.21	<5	<0.5	<0.5	41	<0.5	<0.5	<0.5	113	1.4	0.092	4	43.7	0.44	40	0.249	2.22	0.01	0.13	<0.5	0.15	4.2	<0.5	<0.5	8	2	62.2
VAN08007744	813667	Moss	79.455	4	<3	2	0.9	56.3	8.8	108	<0.5	38.2	21.5	991	4.53	25	1.1	<0.5	23	0.6	0.7	<0.5	130	1.17	0.063	6.5	50	1.31	48	0.149	3.06	0.01	0.08	<0.5	0.1	8.4	<0.5	<0.5	8	3	19.8
VAN08007744	813671	Moss	33.161	3	7	4	1.1	62	8.8	183	<0.5	23.4	35.6	2860	3.06	31	1.7	<0.5	52	0.6	<0.5	<0.5	79	2.1	0.1	5.7	29.4	0.48	74	0.156	3.66	<0.01	0.05	<0.5	0.24	7.5	<0.5	<0.5	5	5	63.1
VAN08007744	813672	Moss	54.02	52	<3	2	1	54.3	12.3	71	<0.5	28.9	16.6	1312	4.21	49	1.6	<0.5	26	<0.5	1.1	<0.5	109	1.49	0.084	7.3	36.3	0.89	50	0.167	2.36	0.01	0.08	<0.5	0.08	8.1	<0.5	<0.5	6	2	28.3
VAN08007744	813673	Moss	41.025	<2	4	4	1.4	68.2	14.3	231	<0.5	39.8	18.7	1897	3.43	27	2.8	<0.5	46	2.9	0.7	<0.5	103	2.01	0.103	7	46.7	0.82	61	0.196	2.62	0.01	0.05	<0.5	0.2	7.7	<0.5	<0.5	6	6	43.5
VAN08007744	813676	Moss	68.527	3	<3	8	0.6	91.8	4.4	84	<0.5	36.5	22.8	1276	4.44	6	<0.5	<0.5	23	<0.5	<0.5	<0.5	138	0.84	0.055	4.5	52.9	1.06	50	0.312	2.99	0.02	0.05	<0.5	0.09	9.5	<0.5	<0.5	8	<2	27.4
VAN08007744	813677	Moss	26.485	5	3	4	3.3	82.7	16.3	214	<0.5	58.5	20.7	1149	4.61	39	1.7	<0.5	39	6.7	1.2	<0.5	149	1.71	0.112	7.2	51.2	1.1	77	0.235	2.43	0.02	0.11	<0.5	0.11	8.2	<0.5	<0.5	7	5	23.8
VAN08007744	813678	Moss	49.137	3	<3	4	0.6	78.7	6	83	<0.5	26.2	18.1	1242	3.33	<5	<0.5	<0.5	32	<0.5	<0.5	<0.5	95	1.16	0.071	4.8	31.5	0.83	86	0.239	2.41	0.02	0.04	<0.5	0.08	6.5	<0.5	<0.5	6	<2	37.6
VAN08007744	813679	Moss	15.619	5	<3	3	1.2	61	31.3	206	<0.5	23.9	19.5	3501	2.72	<5	<0.5	<0.5	32	1.7	<0.5	<0.5	73	1.18	0.106	4.2	35.4	0.58	80	0.174	1.95	0.02	0.1	<0.5	0.22	4.6	<0.5	<0.5	<5	2	49.7
VAN08007744	813680	Moss	86.741	48	<3	<2	2.6	132.1	15	666	<0.5	15.1	18.1	1759	6	22	1	<0.5	33	3.4	<0.5	<0.5	75	2.38	0.085	4.4	22.6	0.98	139	0.157	2.16	<0.01	0.03	1.3	0.19	6.6	<0.5	0.5	5	<2	14.9
VAN08007744	813681	Moss	68.557	3	<3	3	1.4	235.3	8.6	160	<0.5	20	19.7	2133	4.79	17	1.7	<0.5	55	0.6	<0.5	<0.5	99	2.65	0.085	6.3	28.4	1.09	112	0.232	2.76	0.01	0.06	<0.5	0.14	7.9	<0.5	<0.5	7	3	28.9
VAN08007744	813701	Moss	26.318	13	<3	3	7.6	68.3	35.9	557	0.6	124.6	18.2	1352	2.66	79	3.3	<0.5	56	20.1	3.5	<0.5	98	3.01	0.193	12.3	32.4	0.42	51	0.051	1.62	<0.01	0.09	<0.5	0.29	6.1	1.7	<0.5	<5	12	54.3
VAN08007744	813702	Moss	30.767	3	<3	<2	1.1	39	6.9	87	<0.5	17.6	10.5	2141	2.18	6	1.2	<0.5	46	0.7	<0.5	<0.5	42	2.1	0.134	7.9	28.3	0.46	74	0.041	2.17	0.01	0.21	<0.5	0.15	4.7	<0.5	<0.5	<5	7	59.1
VAN08007744	813703	Moss	41.407	<2	<3	2	0.6	34.2	12.4	126	<0.5	15.5	48.3	5823	3.61	<5	<0.5	<0.5	35	<0.5	<0.5	<0.5	89	1.17	0.077	4.5	26.1	0.54	136	0.144	2.83	0.01	0.05	<0.5	0.17	5	<0.5	<0.5	8	3	45.5
VAN08007744	813704	Moss	31.898	<2	<3	2	0.8	51	7.8	97	<0.5	25.8	20.1	2448	3.04	11	1	<0.5	44	1.1	<0.5	<0.5	64	1.61	0.112	7.2	34.1	0.63	71	0.081	2.47	<0.01	0.08	<0.5	0.13	5.6	<0.5	<0.5	<5	6	56.8
VAN08007744	813705	Moss	37.21	5	9	7	0.5	82	6.1	77	<0.5	43.7	30.2	2075	3.93	<5	<0.5	<0.5	38	<0.5	<0.5	<0.5	133	1.34	0.068	4.8	73.3	0.96	25	0.316	3.15	<0.01	0.05	<0.5	0.14	8	<0.5	<0.5	9	3	51.5
VAN08007744	813706	Moss	79.937	46	4	10	<0.5	144	5	126	<0.5	75.1	41.4	1766	6.69	19	<0.5	<0.5	22	<0.5	0.5	<0.5	215	1.29	0.067	5.3	96.4	2.21	27	0.496	3.67	0.01	0.07	<0.5	0.08	15.1	<0.5	<0.5	10	<2	21.2
VAN08007744	813707	Moss	30.631	9	4	5	1.1	111.8	6.8	142	<0.5	76.3	31.4	1958	4.43	15	0.8	<0.5	39	<0.5	0.8	<0.5	125	1.54	0.081	6.7	82.6	1.4	44	0.266	3.72	0.02	0.14	<0.5	0.13	12.2	<0.5	<0.5	7	5	44
VAN08007744	813708	Moss	69.891	27	3	7	2.3	158.4	5.9	104	<0.5	57.7	30.9	1795	5.77	73	0.6	<0.5	17	0.6	2.7	<0.5	155	0.85	0.088	8	65.9	1.14	44	0.093	3.06	<0.01	0.08	<0.5	0.12	12.2	<0.5	<0.5	8	4	26.4
VAN08007744	813709	Moss	24.661	43	5	3	0.8	61	6.2	79	<0.5	31.8	25.5	1774	2.69	15	<0.5	<0.5	23	<0.5	<0.5	<0.5	77	0.86	0.067	5	40.1	0.65	42	0.129	2.4	<0.01	0.07	<0.5	0.17	5.6	<0.5	<0.5	<5	3	62.5
VAN08007744	813710	Moss	56.268	18	4	7	1.6	135.4	6.4	101	<0.5	48.9	31	2121	5.11	48	<0.5	<0.5	20	<0.5	1.6	<0.5	142	0.94	0.081	6.3	60.6	1	43	0.159	3.18	0.01	0.07	<0.5	0.1	10.5	<0.5	<0.5	8	3	38.4
VAN08007744	813711	Moss	69.249	12	6	9	1	150.6	5	123	<0.5	74.8	33.9	1777	6.09	23	0.6	<0.5	23	0.5	1.2	<0.5	184	1.11	0.074	6.7	92.1	2.02	40	0.277	3.65	0.01	0.07	<0.5	0.13	13.9	<0.5	<0.5	9	<2	20.3
VAN08007744	813712	Moss	51.624	8	4	6	0.7	88.6	4.2	85	<0.5	56.6	26.5	1468	3.72	7	<0.5	<0.5	30	<0.5	0.8	<0.5	110	1.07	0.079	4.5	65.7	1.01	31	0.213	2.92	0.01	0.06	<0.5	0.11	9.3	<0.5	<0.5	7	2	46.7
VAN08007744	813713	Moss	41.868	11	<3	8	0.6	129.7	7.5	150	<0.5	68.5	43.8	2729	5.15	11	<0.5	<0.5	36	<0.5	0.5	<0.5	174	1.53	0.077	5.4	85	1.58	31	0.388	4.17	0.01	0.05	<0.5	0.16	13.4	<0.5	<0.5	9	4	41
VAN08007744	813714	Moss	58.681	69	8	7	1.1	142.8	8.4	106	<0.5	81.3	33.1	1503	5.62	38	0.7	<0.5	21	<0.5	2.8	<0.5	148	0.98	0.084	6.4	78.3	1.5	36	0.172	3.4	0.01	0.07	<0.5	0.16	11.9	<0.5	<0.5	8	<2	20.7
VAN08007744	813715	Moss	66.018	20	<3	6	1	92.6	28.3	190	<0.5	54.2	25	1693	4.42	22	2.4	<0.5	40	2.3	0.7	<0.5	140	1.88	0.093	6.3	70.9	1.37	57	0.299	2.9	0.02	0.05	<0.5	0.21	10	<0.5	<0.5	7	4	34.4
VAN08007744	813716	Moss	35.73	<2	4	<2	6.6	65.5	17.6	412	<0.5	39	13	1268	3.75	61	2.5	<0.5	28	1.9	2	<0.5	60	1.32	0.18	9.4	44.2	0.72	72	0.051	1.74	0.02	0.08	<0.5	0.12	5.4	<0.5	<0.5	<5	4	22.8
VAN08007744	813717	Moss	34.219	3	4	3	1.2	59.5	13.8	102	<0.5	30.5	16.8	2077	2.79	31	2.3	<0.5	58	0.9	0.7	<0.5	67	2.35	0.129	6.5	35.5	0.47	68	0.11	2.48	0.01	0.07	<0.5	0.22	6.8	<0.5	0.7	<5	4	62.5
VAN08007744	813718	Moss	35.02	<2	<3	3	1.3	74.3	10.3	50	<0.5	36.8	10.8	1682	2.13	43	1.8	<0.5	57	<0.5	0.7	<0.5	42	2.96	0.139	4.8	29.4	0.33	70	0.073	1.37	0.02	0.18	<0.5	0.17	4.7	<0.5	<0.5	<5	9	70.7
VAN08007744	813719	Moss	60.017	9	<3	3	1	57.9	7.8	72	<0.5	20.8	16.8	1469	3.79	11	1.1	<0.5	32	<0.5	<0.5	<0.5	78	2.18	0.069	3.8	29.6	0.82	63	0.128	2	0.01	0.05	0.6	0.05	4.8	<0.5	<0.5	5	4	37.1
VAN08007744	813720	Moss	60.721	6	4	5	<0.5	95	4.6	90	<0.5	33.5	23.5	1343	4.11	<5	<0.5	<0.5	39	<0.5	<0.5	<0.5	130	1.38	0.058	5.3	36.4	1.15	70	0.268	2.97	0.01	0.07	<0.5	0.07	9.2	<0.5	<0.5	8	3	31.9
VAN08007744	813721	Moss	72.972	2	<3	3	1.3	74.7	13.8	232	<0.5	21.9	24.7	1491	5.28	13	<0.5	<0.5	31	0.9	<0.5	1.3	103	1.47	0.057	3.8	36.1	0.95	57	0.233	2.46	0.01	0.04	<0.5	0.15	6.6	<0.5	<0.5	7	3	19
VAN08007744	813722	Moss	102.802	2	<3	<2	3.2	75.1	37.6	348	<0.5	15.3	17.6	1573	4.78	17	1.5	<0.5	58	1.9	<0.5	<0.5	84	1.81	0.097	4.4	22.3	1.37	122	0.164	2.35	<0.01	0.05	<0.5	0.13	7.3	<0.5	<0.5	7	3	11.7

Moss Mat Geochemistry Highlights

				Sample	3B	7AX	1DX30	1DX30	1DX30	1DX30	LOI	
				Weight	Au	Mo	Cu	Zn	Ni	Co	LOI	pH
Sample #	Easting	Northing	Elevation	G	PPB	PPM	PPM	PPM	PPM	PPM	%	0-14
362661	354053	5430496	280		<2	3.1	187.4	280	35.7	20.3		8
362662	354523	5429705	220		7	1.7	71.3	156	16.6	12.4		7.72
362663	354929	5429408	243		3	1.6	82	183	26.4	16.8		
362664	355375	5428815	223		4	1.5	99	220	32.9	17.3		8.15
362665	355758	5428659	293		4	1.5	74.2	347	19.9	10.9		
362666	357092	5429036	451		<2	1.5	42.3	167	18	28.2		7.75
362667	357236	5429310	465		<2	1.3	47.6	159	26.3	14.6		7.63
362668	358203	5430070	523		<2	1.8	69.6	152	30.3	17.2		7.1
362669	357886	5431180	502		5	1.2	58.4	113	20.2	13.1		
362670	358315	5431949	460		<2	0.8	64.5	105	25.4	29.2		
362671	357764	5432246	443		16	1.1	98.1	164	56.3	25.9		
813565	355123	5431557	562	29.66	2	1.5	21.5	89	5.2	11	78.2	
813566	355082	5431508	566	38.446	<2	1.9	23.3	105	12.1	229.7	49.4	
813651	353520	5433464	298	51.085	7	1.8	41.1	108	30	10.5	31.1	7.5
813652	353813	5433727	438	22.418	<2	0.8	40.2	71	17.5	9.9	64.4	7.95
813654	354320	5433597	454	65.077	11	6.3	66.6	125	39.3	11.3	25.4	7.55
813655	355523	5433525	465	89.587	93	5.5	70.5	189	45.3	15.8	17.8	7.89
813658	357153	5435047	490	60.164	22	0.6	141	113	63.3	35.3	28.5	7.86
813662	356566	5435443	501	65.764	23	0.6	110.8	93	61.8	30	27.5	7.2
813663	359387	5434123	496	44.275	7	0.8	108.9	77	27.6	19.4	62.7	7.36
813664	360148	5433287	549	62.143	20	4.7	115	282	90.7	25	27.4	7.78
813665	360701	5433177	597	94.383	11	1.1	130.3	123	81.4	32.3	19	7.98
813666	358818	5433069	464	46.837	163	0.6	44.2	100	23.8	28	62.2	
813667	359013	5431567	382	79.455	4	0.9	56.3	108	38.2	21.5	19.8	7.38
813671	360178	5430162	537	33.161	3	1.1	62	183	23.4	35.6	63.1	7.5
813672	357923	5431244	499	54.02	52	1	54.3	71	28.9	16.6	28.3	7.72
813673	357452	5432057	506	41.025	<2	1.4	68.2	231	39.8	18.7	43.5	7.85
813676	352756	5434981	399	68.527	3	0.6	91.8	84	36.5	22.8	27.4	
813677	353148	5433726	268	26.485	5	3.3	82.7	214	58.5	20.7	23.8	
813678	352589	5435250	165	49.137	3	0.6	78.7	83	26.2	18.1	37.6	
813679	352500	5433305	84	15.619	5	1.2	61	206	23.9	19.5	49.7	
813680	352278	5432371	32	86.741	48	2.6	132.1	666	15.1	18.1	14.9	7.43
813681	353034	5430559	104	68.557	3	1.4	235.3	160	20	19.7	28.9	
813701	353424	5433961	374	26.318	13	7.6	68.3	557	124.6	18.2	54.3	7.92
813702	354108	5433669	442	30.767	3	1.1	39	87	17.6	10.5	59.1	7.93
813703	354869	5433170	493	41.407	<2	0.6	34.2	126	15.5	48.3	45.5	7.86
813704	356172	5433474	450	31.898	<2	0.8	51	97	25.8	20.1	56.8	
813705	357134	5434633	458	37.21	5	0.5	82	77	43.7	30.2	51.5	7.9
813706	356247	5435065	472	79.937	46	<0.5	144	126	75.1	41.4	21.2	
813707	358806	5434181	519	30.631	9	1.1	111.8	142	76.3	31.4	44	7.49
813708	359268	5434083	488	69.891	27	2.3	158.4	104	57.7	30.9	26.4	7.38
813709	359400	5434100	489	24.661	43	0.8	61	79	31.8	25.5	62.5	7.62
813710	359235	5433946	474	56.268	18	1.6	135.4	101	48.9	31	38.4	7.79
813711	359423	5433683	491	69.249	12	1	150.6	123	74.8	33.9	20.3	7.87
813712	359270	5433605	490	51.624	8	0.7	88.6	85	56.6	26.5	46.7	7.04
813713	359375	5431668	398	41.868	11	0.6	129.7	150	68.5	43.8	41	7.48
813714	360181	5431136	545	58.681	69	1.1	142.8	106	81.3	33.1	20.7	7.73
813715	357716	5432181	440	66.018	20	1	92.6	190	54.2	25	34.4	7.93
813716	355766	5428971	231	35.73	<2	6.6	65.5	412	39	13	22.8	8
813717	353301	5434027	364	34.219	3	1.2	59.5	102	30.5	16.8	62.5	8.21
813718	352969	5434270	358	35.02	<2	1.3	74.3	50	36.8	10.8	70.7	8.18
813719	352257	5433794	77	60.017	9	1	57.9	72	20.8	16.8	37.1	8.16
813720	352616	5435384	166	60.721	6	<0.5	95	90	33.5	23.5	31.9	8.05
813721	352330	5432600	28	72.972	2	1.3	74.7	232	21.9	24.7	19	7.8
813722	351994	5431692	46	102.802	2	3.2	75.1	348	15.3	17.6	11.7	7.91

2008 Soil Sample Locations for Nahmint Project

Sample #	Date	Sampler	Property	Easting	Northing	Elev.
L5000E 4925N	Oct 20-23/2008	Kikauka, A.	Nahmint	362195	5433710	no record
L5000E 4950N	Oct 20-23/2008	Kikauka, A.	Nahmint	362195	5433735	no record
L5000E 4975N	Oct 20-23/2008	Kikauka, A.	Nahmint	362195	5433760	no record
L5000E 5000N	Oct 20-23/2008	Kikauka, A.	Nahmint	362195	5433785	no record
L5000E 5025N	Oct 20-23/2008	Kikauka, A.	Nahmint	362195	5433810	no record
L5000E 5050N	Oct 20-23/2008	Kikauka, A.	Nahmint	362195	5433835	no record
L5000E 5075N	Oct 20-23/2008	Kikauka, A.	Nahmint	362195	5433860	no record
L5000E 5100N	Oct 20-23/2008	Kikauka, A.	Nahmint	362195	5433885	no record
L5000E 5125N	Oct 20-23/2008	Kikauka, A.	Nahmint	362195	5433910	no record
L5000E 5150N	Oct 20-23/2008	Kikauka, A.	Nahmint	362195	5433935	no record
L5000E 5175N	Oct 20-23/2008	Kikauka, A.	Nahmint	362195	5433960	no record
L5000E 5200N	Oct 20-23/2008	Kikauka, A.	Nahmint	362195	5433985	no record
L5050E 4975N	Oct 20-23/2008	Kikauka, A.	Nahmint	362245	5433760	no record
L5050E 5000N	Oct 20-23/2008	Kikauka, A.	Nahmint	362245	5433785	no record
L5050E 5025N	Oct 20-23/2008	Kikauka, A.	Nahmint	362245	5433810	no record
L5050E 5050N	Oct 20-23/2008	Kikauka, A.	Nahmint	362245	5433835	no record
L5050E 5075N	Oct 20-23/2008	Kikauka, A.	Nahmint	362245	5433860	no record
L5050E 5100N	Oct 20-23/2008	Kikauka, A.	Nahmint	362245	5433885	no record
L5050E 5125N	Oct 20-23/2008	Kikauka, A.	Nahmint	362245	5433910	no record
L5050E 5150N	Oct 20-23/2008	Kikauka, A.	Nahmint	362245	5433935	no record
L5050E 5175N	Oct 20-23/2008	Kikauka, A.	Nahmint	362245	5433960	no record
L5050E 5200N	Oct 20-23/2008	Kikauka, A.	Nahmint	362245	5433985	no record
L5100E 4900N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433685	no record
L5100E 4925N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433710	no record
L5100E 4950N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433735	no record
L5100E 4975N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433760	no record
L5100E 5000N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433785	no record
L5100E 5025N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433810	no record
L5100E 5050N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433835	no record
L5100E 5075N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433860	no record
L5100E 5100N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433885	no record
L5100E 5125N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433910	no record
L5100E 5150N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433935	no record
L5100E 5175N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433960	no record
L5100E 5200N	Oct 20-23/2008	Kikauka, A.	Nahmint	362295	5433985	no record
L5150E 4900N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433685	no record
L5150E 4925N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433710	no record
L5150E 4950N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433735	no record
L5150E 4975N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433760	no record
L5150E 5000N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433785	no record
L5150E 5025N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433810	no record
L5150E 5050N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433835	no record
L5150E 5075N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433860	no record
L5150E 5100N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433885	no record
L5150E 5125N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433910	no record
L5150E 5150N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433935	no record
L5150E 5175N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433960	no record
L5150E 5200N	Oct 20-23/2008	Kikauka, A.	Nahmint	362345	5433985	no record
L5200E 4925N	Oct 20-23/2008	Kikauka, A.	Nahmint	362395	5433710	no record
L5200E 4950N	Oct 20-23/2008	Kikauka, A.	Nahmint	362395	5433735	no record
L5200E 4975N	Oct 20-23/2008	Kikauka, A.	Nahmint	362395	5433760	no record
L5200E 5000N	Oct 20-23/2008	Kikauka, A.	Nahmint	362395	5433785	no record
L5200E 5025N	Oct 20-23/2008	Kikauka, A.	Nahmint	362395	5433810	no record
L5200E 5050N	Oct 20-23/2008	Kikauka, A.	Nahmint	362395	5433835	no record
L5200E 5075N	Oct 20-23/2008	Kikauka, A.	Nahmint	362395	5433860	no record
L5200E 5100N	Oct 20-23/2008	Kikauka, A.	Nahmint	362395	5433885	no record
L5200E 5125N	Oct 20-23/2008	Kikauka, A.	Nahmint	362395	5433910	no record
L5200E 5150N	Oct 20-23/2008	Kikauka, A.	Nahmint	362395	5433935	no record
L5200E 5175N	Oct 20-23/2008	Kikauka, A.	Nahmint	362395	5433960	no record
L5200E 5200N	Oct 20-23/2008	Kikauka, A.	Nahmint	362395	5433985	no record
L5250E 4900N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433685	no record
L5250E 4925N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433710	no record
L5250E 4950N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433735	no record
L5250E 4975N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433760	no record
L5250E 5000N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433785	no record
L5250E 5025N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433810	no record
L5250E 5050N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433835	no record
L5250E 5075N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433860	no record
L5250E 5100N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433885	no record
L5250E 5125N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433910	no record
L5250E 5150N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433935	no record
L5250E 5175N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433960	no record
L5250E 5200N	Oct 20-23/2008	Kikauka, A.	Nahmint	362445	5433985	no record
L5300E 4800N	Oct 20-23/2008	Kikauka, A.	Nahmint	362495	5433585	no record
L5300E 4825N	Oct 20-23/2008	Kikauka, A.	Nahmint	362495	5433610	no record
L5300E 4850N	Oct 20-23/2008	Kikauka, A.	Nahmint	362495	5433635	no record
L5300E 4875N	Oct 20-23/2008	Kikauka, A.	Nahmint	362495	5433660	no record
L5300E 4900N	Oct 20-23/2008	Kikauka, A.	Nahmint	362495	5433685	no record
L5300E 4925N	Oct 20-23/2008	Kikauka, A.	Nahmint	362495	5433710	no record
L5300E 4950N	Oct 20-23/2008	Kikauka, A.	Nahmint	362495	5433735	no record
L5300E 4975N	Oct 20-23/2008	Kikauka, A.	Nahmint	362495	5433760	no record

Geochemistry	Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	AA
Soils	Analyte	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	Au*
	Unit	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
Report #	**Sample #**																														
2082062	L5000E 4925N	.1	3.39	8	<5	39	<10	1.07	<1	26	100	157	5.40	.05	2.61	1478	1	.01	67	.07	33	.05	5	<2	23	<5	0.21	<5	152	87	10
2082062	L5000E 4950N	.2	2.97	10	<5	58	<10	.57	<1	27	96	115	5.30	.05	2.20	1611	2	.01	65	.06	23	.03	6	<2	12	<5	0.15	<5	156	78	13
2082062	L5000E 4975N	.1	3.55	43	<5	41	<10	.63	2	32	102	159	6.37	.04	2.66	1599	1	.01	76	.07	19	.01	<2	<2	13	<5	0.27	<5	205	122	9
2082062	L5000E 5000N	.5	2.13	37	<5	44	<10	.21	1	16	53	90	3.48	.06	.87	1337	3	.01	35	.06	13	.04	<2	<2	6	<5	0.04	<5	116	84	23
2082062	L5000E 5025N	.3	4.43	15	<5	46	<10	.41	<1	35	123	180	7.40	.04	3.01	1465	1	.01	88	.08	20	.01	<2	<2	8	<5	0.29	<5	236	110	8
2082062	L5000E 5050N	.3	2.46	16	<5	36	<10	.29	<1	11	51	61	4.98	.04	.66	596	3	.01	25	.07	19	.01	<2	<2	6	<5	0.13	<5	186	74	1
2082062	L5000E 5075N	.1	1.36	<5	<5	61	<10	.10	<1	5	9	10	1.53	.08	.33	933	2	.01	11	.04	12	.01	<2	<2	2	<5	<0.01	<5	27	60	2
2082062	L5000E 5100N	.5	2.76	23	<5	49	<10	.19	<1	20	64	88	4.83	.07	1.43	1098	2	.01	42	.07	14	.02	<2	<2	4	<5	0.02	<5	150	75	24
2082062	L5000E 5125N	.2	3.18	39	<5	31	<10	.21	<1	20	67	77	5.32	.06	1.55	1083	8	.01	66	.06	25	.01	<2	<2	5	<5	0.03	<5	164	83	13
2082062	L5000E 5150N	.5	3.38	60	<5	37	<10	.27	<1	21	71	70	5.29	.04	1.74	753	4	.01	52	.05	19	.01	5	<2	6	<5	0.02	<5	169	70	2
2082062	L5000E 5175N	.5	2.20	71	<5	48	<10	1.38	2	13	39	36	4.40	.04	.89	2289	7	.01	64	.09	36	.03	<2	<2	14	<5	0.03	<5	109	179	28
2082062	L5000E 5200N	.7	4.41	447	<5	28	<10	.15	<1	42	68	274	8.38	.05	2.92	853	6	.01	76	.08	28	.03	<2	<2	5	<5	<0.01	<5	339	101	3
2082062	L5050E 4975N	.1	1.51	21	<5	59	<10	.07	<1	6	12	69	2.07	.08	.32	302	1	.01	7	.03	11	.01	<2	<2	2	<5	<0.01	<5	34	31	1
2082062	L5050E 5000N	.2	1.97	<5	<5	54	<10	.08	<1	5	19	59	2.64	.07	.36	281	1	.01	10	.04	14	.02	<2	<2	2	<5	<0.01	<5	59	37	1
2082062	L5050E 5025N	.3	2.11	13	<5	40	<10	.21	<1	8	29	107	3.59	.05	.44	595	2	.01	15	.07	11	.01	<2	<2	5	<5	0.03	<5	105	38	1
2082062	L5050E 5050N	.7	2.30	14	<5	33	<10	.39	<1	13	39	503	5.49	.06	.68	734	2	.01	23	.05	17	.01	<2	<2	5	<5	0.08	<5	102	58	3
2082062	L5050E 5075N	.8	1.53	113	<5	28	<10	.14	<1	6	16	302	5.80	.05	.12	313	9	.01	4	.06	15	.01	<2	<2	2	<5	<0.01	<5	55	33	52
2082062	L5050E 5100N	.9	2.40	66	<5	39	<10	.38	2	22	50	583	6.50	.04	.68	3167	18	.01	55	.10	25	.02	7	<2	7	<5	0.13	<5	144	102	46
2082062	L5050E 5125N	.3	2.02	64	<5	28	<10	.14	<1	9	42	37	3.72	.04	.49	265	19	.01	59	.03	15	.01	<2	<2	5	<5	0.01	<5	137	74	1
2082062	L5050E 5150N	.5	2.65	255	<5	36	<10	.31	<1	21	83	70	5.69	.02	1.38	876	2	.01	47	.05	14	.02	5	<2	10	<5	0.23	<5	182	64	41
2082062	L5050E 5175N	.6	3.90	345	<5	26	<10	.32	<1	27	104	82	6.50	.02	1.89	1244	3	.01	60	.01	18	.01	3	<2	10	5	0.31	<5	200	75	16
2082062	L5050E 5200N	.5	1.46	<5	<5	13	<10	.20	<1	10	69	22	5.12	.01	.90	299	1	.01	28	.05	9	.01	<2	<2	7	<5	0.31	<5	212	31	4
2082062	L5100E 4900N	.2	1.89	38	<5	48	<10	.22	<1	12	55	80	4.30	.04	.76	390	4	.01	22	.03	10	.02	<2	<2	6	<5	0.07	<5	147	52	1
2082062	L5100E 4925N	.1	1.68	25	<5	85	<10	.31	<1	5	9	90	1.80	.10	.26	1024	2	.01	5	.03	12	.01	<2	<2	8	<5	<0.01	<5	24	32	1
2082062	L5100E 4950N	.1	1.48	<5	<5	63	<10	.09	<1	3	6	61	1.74	.07	.20	190	2	.01	4	.02	13	.01	3	<2	2	<5	<0.01	<5	21	26	1
2082062	L5100E 4975N	.2	2.28	9	<5	87	<10	.44	<1	9	27	254	4.00	.05	.43	1442	2	.01	14	.03	19	.01	<2	<2	11	<5	<0.01	<5	48	35	4
2082062	L5100E 5000N	.5	2.59	11	<5	74	<10	1.40	1	19	58	1162	7.28	.05	.69	2512	3	.01	35	.05	17	.02	<2	<2	12	6	<0.01	<5	59	54	8
2082062	L5100E 5025N	.4	2.91	72	<5	45	<10	.51	<1	13	45	176	4.95	.02	1.45	1427	6	.01	41	.07	29	.01	2	<2	11	<5	0.06	<5	106	61	7
2082062	L5100E 5050N	.5	1.57	29	<5	49	<10	.14	<1	7	10	756	2.88	.02	.20	746	1	.01	4	.03	14	.01	<2	<2	4	<5	<0.01	<5	47	40	20
2082062	L5100E 5075N	8.6	1.84	251	<5	51	<10	1.28	6	240	12	10000	19.31	.05	.48	8010	37	.01	14	.05	61	.57	<2	<2	5	18	0.03	<5	24	308	12
2082062	L5100E 5100N	.3	2.12	8	<5	31	<10	.24	<1	12	46	423	4.22	.04	.62	385	3	.01	20	.04	13	.02	2	<2	7	<5	0.08	<5	134	46	11
2082062	L5100E 5125N	1.0	3.10	16	<5	17	<10	.14	<1	8	47	107	4.41	.02	.39	213	6	.01	27	.09	17	.02	<2	<2	5	<5	0.17	<5	144	51	3
2082062	L5100E 5150N	.2	2.86	71	<5	21	<10	.33	<1	14	62	85	4.65	.05	1.0	440	2	.01	33	.05	14	.01	<2	<2	7	<5	0.26	<5	185	59	1
2082062	L5100E 5175N	.4	2.63	10	<5	19	<10	.14	<1	9	70	58	5.98	.04	.58	223	2	.01	17	.06	11	.02	<2	<2	5	<5	0.20	<5	239	46	19
2082062	L5100E 5200N	.5	5.18	8	<5	20	<10	.21	<1	15	88	86	5.62	.02	1.12	321	1	.01	33	.05	24	.01	<2	<2	6	<5	0.28	<5	213	60	10
2082062	L5150E 4900N	.2	2.11	9	<5	35	<10	.05	<1	5	23	113	2.67	.07	.30	143	2	.01	9	.02	13	.01	<2	<2	1	<5	<0.01	<5	54	24	8
2082062	L5150E 4925N	.5	1.49	<5	<5	30	<10	.08	<1	4	12	49	2.27	.06	.28	170	2	.01	4	.02	12	.01	<2	<2	4	<5	<0.01	<5	36	21	1
2082062	L5150E 4950N	.6	2.38	21	<5	41	<10	.19	<1	12	46	473	4.01	.07	1.28	472	1	.01	31	.04	17	.06	<2	<2	5	<5	<0.01	<5	81	48	1
2082062	L5150E 4975N	.7	1.90	21	<5	36	<10	.37	1	15	44	1467	4.53	.07	.77	605	2	.01	23	.03	18	.07	<2	<2	8	<5	0.03	<5	89	68	11
2082062	L5150E 5000N	1.3	3.42	55	<5	19	<10	.27	<1	23	139	2629	8.94	.04	2.70	660	1	.01	69	.06	15	.07	<2	<2	7	<5	0.22	<5	201	74	24
2082062	L5150E 5025N	1.1	2.26	10	<5	27	<10	.25	<1	22	91	3454	5.91	.02	1.52	762	1	.01	40	.05	8	.01	<2	<2	9	<5	0.14	<5	197	55	14
2082062	L5150E 5050N	.4	2.18	<5	<5	28	<10	.18	<1	11	52	400	4.28	.04	.81	353	2	.01	22	.04	13	.02	<2	<2	5	<5	0.09	<5	150	35	1
2082062	L5150E 5075N	.5	2.41	<5	<5	37	<10	.11	<1	12	33	140	3.50	.07	.42	266	1	.01	17	.06	11	.01	<2	<2	3	<5	0.03	<5	127	39	1
2082062	L5150E 5100N	.1	2.01	<5	<5	16	<10	.22	<1	10	74	31	5.05	.02	.85	248	1	.01	26	.05	13	.01	6	<2	6	<5	0.23	<5	216	32	1
2082062	L5150E 5125N	.5	2.49	<5	<5	17	<10	.24	<1	13	78	38	6.16	.02	.80	331	2	.01	23	.07	14	.01	<2	<2	7	<5	0.28	<5	248	42	1
2082062	L5150E 5150N	.6	1.98	18	<5	13	<10	.32	<1	14	102	23	7.30	.02	1.27	444	1	.01	37	.08	10	.01	7	<2	6	12	0.47	<5	344	39	1
2082062	L5150E 5175N	.4	3.19	8	<5	17	<10	.20	<1	11	77	68	5.66	.02	.58	251	2	.01	23	.07	16	.01	2	<2	15	6	0.32	<5	222	49	22
2082062	L5150E 5200N	.6	2.22	13	<5	12	<10	.22	<1	19	132	32	7.25	.02	1.53	673	1	.01	56	.07	12	.02	<2	<2	11	<5	0.41	<5	306	46	1

Geochemistry	Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	AA
Soils	Analyte	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	Au*
	Unit	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
Report #	**Sample #**																														
2082062	L5200E 4925N	.3	2.28	<5	<5	44	<10	.06	<1	4	20	70	2.20	.04	.29	74	6	.01	7	.02	9	.01	4	<2	7	<5	<0.01	<5	82	20	1
2082062	L5200E 4950N	.2	2.60	8	<5	22	<10	.21	<1	7	46	79	4.24	.02	.40	186	3	.01	16	.04	11	.02	<2	<2	5	<5	0.20	<5	173	32	1
2082062	L5200E 4975N	.4	2.25	<5	<5	22	<10	.20	<1	8	43	55	3.59	.02	.48	158	1	.01	17	.03	10	.01	<2	<2	6	<5	0.16	<5	139	28	1
2082062	L5200E 5000N	.3	1.11	<5	<5	25	<10	.12	<1	4	23	22	2.25	.02	.30	120	2	.01	7	.02	5	.01	3	<2	4	<5	0.02	<5	84	15	1
2082062	L5200E 5025N	.2	2.54	<5	<5	30	<10	.47	<1	18	73	57	4.28	.04	1.38	387	1	.01	45	.03	14	.01	<2	<2	11	<5	0.18	<5	149	46	1
2082062	L5200E 5050N	2.1	2.79	<5	<5	48	<10	.60	<1	60	47	55	3.17	.06	.69	1452	1	.01	32	.04	15	.03	6	<2	14	<5	0.05	<5	101	40	1
2082062	L5200E 5075N	1.4	4.93	<5	<5	21	<10	.19	<1	13	91	120	5.40	.02	1.14	282	3	.01	39	.05	24	.03	<2	<2	6	<5	0.25	<5	197	38	4
2082062	L5200E 5100N	.4	2.84	<5	<5	17	<10	.16	<1	13	118	68	7.78	.02	1.20	425	1	.01	34	.07	15	.02	<2	<2	7	6	0.27	<5	263	51	1
2082062	L5200E 5125N	.5	2.24	<5	<5	18	<10	.21	<1	9	61	44	4.50	.02	.57	252	1	.01	21	.04	11	.02	<2	<2	9	<5	0.26	<5	178	39	1
2082062	L5200E 5150N	.2	1.26	<5	<5	15	<10	.24	<1	11	43	21	3.50	.01	.46	454	1	.01	16	.05	12	.01	<2	<2	8	7	0.18	<5	144	33	1
2082062	L5200E 5175N	.3	.69	<5	<5	11	<10	.13	<1	3	25	10	2.77	.02	.21	116	2	.01	6	.02	6	.01	<2	<2	5	<5	0.20	<5	133	15	1
2082062	L5200E 5200N	.4	2.97	<5	<5	15	<10	.19	<1	10	76	43	5.57	.02	.88	252	1	.01	26	.06	14	.02	3	<2	6	<5	0.25	<5	199	41	1
2082062	L5250E 4900N	.2	2.22	11	<5	46	<10	.13	<1	9	28	40	2.65	.08	.76	278	1	.01	16	.02	16	.01	<2	<2	4	<5	0.01	<5	67	24	1
2082062	L5250E 4925N	.1	1.63	<5	<5	221	<10	.35	<1	18	9	348	1.78	.10	.32	933	2	.01	5	.04	14	.02	<2	<2	17	<5	0.02	<5	31	22	1
2082062	L5250E 4950N	.3	2.62	<5	<5	33	<10	.21	<1	16	82	32	4.55	.07	1.72	480	1	.01	46	.03	13	.01	<2	<2	7	<5	0.07	<5	154	45	1
2082062	L5250E 4975N	.1	2.49	<5	<5	27	<10	.20	<1	12	55	41	3.89	.05	1.05	295	1	.01	31	.03	15	.01	7	<2	4	<5	0.06	<5	130	40	1
2082062	L5250E 5000N	.3	2.72	<5	<5	32	<10	.35	<1	18	92	71	4.92	.04	1.66	400	2	.02	50	.04	12	.01	<2	<2	8	<5	0.25	<5	188	47	1
2082062	L5250E 5025N	.3	1.24	7	<5	14	<10	.13	<1	8	33	14	3.92	.04	.55	171	1	.01	15	.02	10	.01	<2	<2	3	7	0.22	<5	186	20	4
2082062	L5250E 5050N	.3	1.66	<5	<5	27	<10	.24	<1	9	51	17	4.0	.02	.79	196	1	.01	21	.04	13	.02	<2	<2	6	<5	0.16	<5	160	27	1
2082062	L5250E 5075N	.1	1.19	<5	<5	33	<10	.18	<1	11	22	15	2.16	.03	.32	446	2	.01	11	.02	8	.01	<2	<2	5	<5	0.04	<5	71	28	1
2082062	L5250E 5100N	.2	1.39	17	<5	19	<10	.25	<1	8	45	19	4.19	.04	.54	199	1	.01	15	.03	7	.03	<2	<2	6	6	0.22	<5	197	23	1
2082062	L5250E 5125N	.4	1.76	6	<5	14	<10	.52	<1	12	57	32	4.80	.02	.91	366	1	.01	25	.03	9	.01	2	<2	8	<5	0.27	<5	198	35	35
2082062	L5250E 5150N	.3	1.68	8	<5	20	<10	.21	<1	11	51	20	4.83	.02	.75	273	1	.01	19	.01	9	.01	4	<2	5	<5	0.23	<5	186	27	2
2082062	L5250E 5175N	.4	1.81	7	<5	16	<10	.24	<1	9	73	21	4.40	.02	1.06	266	1	.01	27	.03	6	.01	3	<2	8	<5	0.25	<5	188	29	6
2082062	L5250E 5200N	.2	1.51	<5	<5	19	<10	.20	<1	14	77	20	5.55	.01	.91	974	1	.01	31	.04	11	.01	<2	<2	7	6	0.34	<5	230	31	1
2082062	L5300E 4800N	.2	1.11	<5	<5	35	<10	.03	<1	5	10	49	1.43	.08	.24	336	2	.01	7	.02	7	.02	<2	<2	1	<5	<0.01	<5	23	13	4
2082062	L5300E 4825N	.1	1.13	8	<5	42	<10	.06	<1	3	12	9	1.35	.07	.25	161	1	.01	4	.03	5	.01	<2	<2	2	<5	<0.01	<5	28	11	6
2082062	L5300E 4850N	.1	2.95	10	<5	65	<10	.25	<1	18	98	50	4.59	.05	1.78	526	1	.01	55	.03	11	.02	6	<2	6	<5	0.11	<5	138	39	1
2082062	L5300E 4875N	.4	2.90	<5	<5	48	<10	.17	<1	19	102	47	4.70	.06	1.72	560	1	.01	57	.04	13	.01	<2	<2	4	<5	0.10	<5	145	45	1
2082062	L5300E 4900N	.7	1.36	<5	<5	47	<10	.09	1	5	19	16	1.58	.05	.34	147	3	.01	9	.03	11	.01	2	<2	5	<5	0.01	<5	43	16	1
2082062	L5300E 4925N	.4	2.29	<5	<5	54	<10	.35	<1	14	70	35	3.80	.07	1.43	353	1	.02	35	.03	12	.01	3	<2	7	<5	0.17	<5	118	38	1
2082062	L5300E 4950N	.2	3.13	<5	<5	50	<10	.28	<1	17	108	64	5.91	.05	1.64	398	1	.01	47	.05	16	.03	<2	<2	6	<5	0.24	<5	203	47	1
2082062	L5300E 4975N	.5	4.92	<5	<5	23	<10	.34	<1	23	152	103	7.53	.02	2.27	488	2	.01	73	.06	21	.04	<2	<2	5	<5	0.44	<5	259	66	1
2082062	L5300E 5000N	.7	5.58	<5	<5	19	<10	.62	<1	38	213	146	9.43	.01	4.73	796	9	.01	122	.04	15	.01	<2	<2	7	<5	0.59	<5	292	101	1
2082062	L5300E 5025N	.8	5.38	<5	<5	23	<10	.58	<1	37	206	145	9.29	.02	4.47	677	4	.01	115	.04	19	.01	<2	<2	8	<5	0.43	<5	287	93	6
2082062	L5300E 5050N	.6	3.55	<5	<5	19	<10	.29	<1	18	116	54	7.52	.03	1.85	307	2	.01	48	.03	17	.02	<2	<2	6	<5	0.35	<5	246	45	3
2082062	L5300E 5075N	.4	2.58	29	<5	23	<10	.43	3	21	63	35	5.54	.02	1.03	878	2	.02	30	.05	8	.01	2	<2	8	<5	0.33	13	215	49	10
2082062	L5300E 5100N	.5	6.58	<5	<5	26	<10	.46	4	49	118	123	5.62	.02	.59	473	1	.01	38	.06	18	.03	<2	10	16	<5	0.40	14	230	79	4
2082062	L5300E 5125N	.8	3.16	20	<5	17	<10	.19	3	11	80	72	6.28	.04	.81	279	1	.01	27	.04	11	.01	6	<2	8	<5	0.26	<5	217	38	245
2082062	L5300E 5150N	1.2	6.22	12	<5	31	<10	.45	5	18	124	79	10.73	.05	1.49	499	2	.01	41	.08	13	.03	10	<2	10	<5	0.55	<5	391	64	26
2082062	L5300E 5175N	.7	4.44	<5	<5	38	<10	.54	4	20	118	104	10.63	.06	1.86	611	2	.02	51	.11	12	.02	9	<2	15	<5	0.54	<5	394	71	1
2082062	L5300E 5200N	1.0	5.90	<5	<5	40	<10	.36	6	19	134	114	11.05	.05	1.47	463	1	.01	49	.07	10	.03	<2	<2	12	<5	0.35	7	391	66	1

Soil Geochemistry Highlights

				AA	ICP	ICP	ICP	ICP	ICP	ICP
				Au*	As	Mo	Cu	Zn	Ni	Co
Sample #	Easting	Northing	Elevation	ppb	ppm	ppm	ppm	ppm	ppm	ppm
L5000E 4925N	362195	5433710	no record	10	8	1	157	87	67	26
L5000E 4950N	362195	5433735	no record	13	10	2	115	78	65	27
L5000E 4975N	362195	5433760	no record	9	43	1	159	122	76	32
L5000E 5000N	362195	5433785	no record	23	37	3	90	84	35	16
L5000E 5025N	362195	5433810	no record	8	15	1	180	110	88	35
L5000E 5050N	362195	5433835	no record	1	16	3	61	74	25	11
L5000E 5075N	362195	5433860	no record	2	5	2	10	60	11	5
L5000E 5100N	362195	5433885	no record	24	23	2	88	75	42	20
L5000E 5125N	362195	5433910	no record	13	39	8	77	83	66	20
L5000E 5150N	362195	5433935	no record	2	60	4	70	70	52	21
L5000E 5175N	362195	5433960	no record	28	71	7	36	179	64	13
L5000E 5200N	362195	5433985	no record	3	447	6	274	101	76	42
L5050E 4975N	362245	5433760	no record	1	21	1	69	31	7	6
L5050E 5000N	362245	5433785	no record	1	5	1	59	37	10	5
L5050E 5025N	362245	5433810	no record	1	13	2	107	38	15	8
L5050E 5050N	362245	5433835	no record	3	14	2	503	58	23	13
L5050E 5075N	362245	5433860	no record	52	113	9	302	33	4	6
L5050E 5100N	362245	5433885	no record	46	66	18	583	102	55	22
L5050E 5125N	362245	5433910	no record	1	64	19	37	74	59	9
L5050E 5150N	362245	5433935	no record	41	255	2	70	64	47	21
L5050E 5175N	362245	5433960	no record	16	345	3	82	75	60	27
L5050E 5200N	362245	5433985	no record	4	5	1	22	31	28	10
L5100E 4900N	362295	5433685	no record	1	38	4	80	52	22	12
L5100E 4925N	362295	5433710	no record	1	25	2	90	32	5	5
L5100E 4950N	362295	5433735	no record	1	5	2	61	26	4	3
L5100E 4975N	362295	5433760	no record	4	9	2	254	35	14	9
L5100E 5000N	362295	5433785	no record	8	11	3	1162	54	35	19
L5100E 5025N	362295	5433810	no record	7	72	6	176	61	41	13
L5100E 5050N	362295	5433835	no record	20	29	1	756	40	4	7
L5100E 5075N	362295	5433860	no record	12	251	37	>10000	308	14	240
L5100E 5100N	362295	5433885	no record	11	8	3	423	46	20	12
L5100E 5125N	362295	5433910	no record	3	16	6	107	51	27	8
L5100E 5150N	362295	5433935	no record	1	71	2	85	59	33	14
L5100E 5175N	362295	5433960	no record	19	10	2	58	46	17	9
L5100E 5200N	362295	5433985	no record	10	8	1	86	60	33	15
L5150E 4900N	362345	5433685	no record	8	9	2	113	24	9	5
L5150E 4925N	362345	5433710	no record	1	5	2	49	21	4	4
L5150E 4950N	362345	5433735	no record	1	21	1	473	48	31	12
L5150E 4975N	362345	5433760	no record	11	21	2	1467	68	23	15
L5150E 5000N	362345	5433785	no record	24	55	1	2629	74	69	23
L5150E 5025N	362345	5433810	no record	14	10	1	3454	55	40	22
L5150E 5050N	362345	5433835	no record	1	5	2	400	35	22	11
L5150E 5075N	362345	5433860	no record	1	5	1	140	39	17	12
L5150E 5100N	362345	5433885	no record	1	5	1	31	32	26	10
L5150E 5125N	362345	5433910	no record	1	5	2	38	42	23	13
L5150E 5150N	362345	5433935	no record	1	18	1	23	39	37	14
L5150E 5175N	362345	5433960	no record	22	8	2	68	49	23	11
L5150E 5200N	362345	5433985	no record	1	13	1	32	46	56	19
L5200E 4925N	362395	5433710	no record	1	5	6	70	20	7	4
L5200E 4950N	362395	5433735	no record	1	8	3	79	32	16	7
L5200E 4975N	362395	5433760	no record	1	5	1	55	28	17	8
L5200E 5000N	362395	5433785	no record	1	5	2	22	15	7	4
L5200E 5025N	362395	5433810	no record	1	5	1	57	46	45	18
L5200E 5050N	362395	5433835	no record	1	5	1	55	40	32	60
L5200E 5075N	362395	5433860	no record	4	5	3	120	38	39	13
L5200E 5100N	362395	5433885	no record	1	5	1	68	51	34	13
L5200E 5125N	362395	5433910	no record	1	5	1	44	39	21	9
L5200E 5150N	362395	5433935	no record	1	5	1	21	33	16	11
L5200E 5175N	362395	5433960	no record	1	5	2	10	15	6	3
L5200E 5200N	362395	5433985	no record	1	5	1	43	41	26	10
L5250E 4900N	362445	5433685	no record	1	11	1	40	24	16	9
L5250E 4925N	362445	5433710	no record	1	5	2	348	22	5	18
L5250E 4950N	362445	5433735	no record	1	5	1	32	45	46	16
L5250E 4975N	362445	5433760	no record	1	5	1	41	40	31	12
L5250E 5000N	362445	5433785	no record	1	5	2	71	47	50	18
L5250E 5025N	362445	5433810	no record	4	7	1	14	20	15	8
L5250E 5050N	362445	5433835	no record	1	5	1	17	27	21	9
L5250E 5075N	362445	5433860	no record	1	5	2	15	28	11	11
L5250E 5100N	362445	5433885	no record	1	17	1	19	23	15	8
L5250E 5125N	362445	5433910	no record	35	6	1	32	35	25	12
L5250E 5150N	362445	5433935	no record	2	8	1	20	27	19	11
L5250E 5175N	362445	5433960	no record	6	7	1	21	29	27	9
L5250E 5200N	362445	5433985	no record	1	5	1	20	31	31	14
L5300E 4800N	362495	5433585	no record	4	5	2	49	13	7	5
L5300E 4825N	362495	5433610	no record	6	8	1	9	11	4	3
L5300E 4850N	362495	5433635	no record	1	10	1	50	39	55	18
L5300E 4875N	362495	5433660	no record	1	5	1	47	45	57	19
L5300E 4900N	362495	5433685	no record	1	5	3	16	16	9	5
L5300E 4925N	362495	5433710	no record	1	5	1	35	38	35	14
L5300E 4950N	362495	5433735	no record	1	5	1	64	47	47	17
L5300E 4975N	362495	5433760	no record	1	5	2	103	66	73	23
L5300E 5000N	362495	5433785	no record	1	5	9	146	101	122	38
L5300E 5025N	362495	5433810	no record	6	5	4	145	93	115	37
L5300E 5050N	362495	5433835	no record	3	5	2	54	45	48	18
L5300E 5075N	362495	5433860	no record	10	29	2	35	49	30	21
L5300E 5100N	362495	5433885	no record	4	5	1	123	79	38	49
L5300E 5125N	362495	5433910	no record	245	20	1	72	38	27	11
L5300E 5150N	362495	5433935	no record	26	12	2	79	64	41	18
L5300E 5175N	362495	5433960	no record	1	5	2	104	71	51	20
L5300E 5200N	362495	5433985	no record	1	5	1	114	66	49	19

Appendix 2

Acme Certificate VAN08007744 – moss mats
Acme Certificate VAN08007745 - rocks
Frontier Certificate 2082062 – soils and rocks
Frontier Certificate 2082062A – rock re-assays
Acme Methods and Specifications Group 3B – moss mats
Acme Methods and Specifications Group 6 - rocks
Acme Methods and Specifications Group 7AX – moss mats
Acme Methods and Specifications Group 7TX - rocks

AcmeLabs ACME ANALYTICAL LABORATORIES LTD.
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Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Submitted By: Jacques Houle
Receiving Lab: Canada-Vancouver
Received: July 29, 2008
Report Date: September 17, 2008

CERTIFICATE OF ANALYSIS VAN08007744.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 44

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
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
SS80	44	Dry at 60C sieve 100g to -80 mesh		Completed
Dry at 60C	44	Dry at 60C		
RJSV	44	Save all or part of soil reject fraction		
3B	44	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed
7AX-Soil	44	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed
LOI	44	Loss on Ignition at 1000 C		Completed
DIS-RJT	44	Warehouse handling / Disposition of reject		

ADDITIONAL COMMENTS

Invoice To: Houle, Jacques
6552 Peregrine Road
Nanaimo BC V9V 1P8
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN

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.

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Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: September 17, 2008

CERTIFICATE OF ANALYSIS VAN08007744.1

	Method	SS80	3B	3B	3B	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX
	Analyte	Wt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
	Unit	g	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0	2	3	2	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5
813651	Moss	51.085	7	<3	<2	1.8	41.1	8.3	108	<0.5	30.0	10.5	917	2.83	11	1.4	<0.5	39	0.8	0.8	<0.5
813652	Moss	22.418	<2	4	<2	0.8	40.2	7.9	71	<0.5	17.5	9.9	1705	1.95	5	0.5	<0.5	49	<0.5	<0.5	<0.5
813654	Moss	65.077	11	<3	<2	6.3	66.6	36.2	125	<0.5	39.3	11.3	1389	3.12	20	1.3	<0.5	34	1.8	1.7	<0.5
813655	Moss	89.587	93	<3	3	5.5	70.5	12.7	189	<0.5	45.3	15.8	1264	4.46	34	1.0	<0.5	26	2.7	2.4	<0.5
813658	Moss	60.164	22	<3	11	0.6	141.0	6.8	113	<0.5	63.3	35.3	1711	6.11	16	<0.5	<0.5	24	<0.5	0.6	<0.5
813662	Moss	65.764	23	<3	7	0.6	110.8	10.2	93	<0.5	61.8	30.0	1350	5.36	9	<0.5	<0.5	23	<0.5	<0.5	<0.5
813663	Moss	44.275	7	<3	9	0.8	108.9	6.6	77	<0.5	27.6	19.4	1824	2.72	31	<0.5	<0.5	40	<0.5	0.6	<0.5
813664	Moss	62.143	20	<3	6	4.7	115.0	8.7	282	<0.5	90.7	25.0	1583	5.18	71	1.3	<0.5	27	3.9	4.5	<0.5
813665	Moss	94.383	11	4	7	1.1	130.3	6.9	123	<0.5	81.4	32.3	1752	5.86	35	0.5	<0.5	21	0.8	2.1	<0.5
813666	Moss	46.837	163	<3	4	0.6	44.2	9.0	100	<0.5	23.8	28.0	2584	3.21	<5	<0.5	<0.5	41	<0.5	<0.5	<0.5
813667	Moss	79.455	4	<3	2	0.9	56.3	8.8	108	<0.5	38.2	21.5	991	4.53	25	1.1	<0.5	23	0.6	0.7	<0.5
813671	Moss	33.161	3	7	4	1.1	62.0	8.8	183	<0.5	23.4	35.6	2860	3.06	31	1.7	<0.5	52	0.6	<0.5	<0.5
813672	Moss	54.020	52	<3	2	1.0	54.3	12.3	71	<0.5	28.9	16.6	1312	4.21	49	1.6	<0.5	26	<0.5	1.1	<0.5
813673	Moss	41.025	<2	4	4	1.4	68.2	14.3	231	<0.5	39.8	18.7	1897	3.43	27	2.8	<0.5	46	2.9	0.7	<0.5
813676	Moss	68.527	3	<3	8	0.6	91.8	4.4	84	<0.5	36.5	22.8	1276	4.44	6	<0.5	<0.5	23	<0.5	<0.5	<0.5
813677	Moss	26.485	5	3	4	3.3	82.7	16.3	214	<0.5	58.5	20.7	1149	4.61	39	1.7	<0.5	39	6.7	1.2	<0.5
813678	Moss	49.137	3	<3	4	0.6	78.7	6.0	83	<0.5	26.2	18.1	1242	3.33	<5	<0.5	<0.5	32	<0.5	<0.5	<0.5
813679	Moss	15.619	5	<3	3	1.2	61.0	31.3	206	<0.5	23.9	19.5	3501	2.72	<5	<0.5	<0.5	32	1.7	<0.5	<0.5
813680	Moss	86.741	48	<3	<2	2.6	132.1	15.0	666	<0.5	15.1	18.1	1759	6.00	22	1.0	<0.5	33	3.4	<0.5	<0.5
813681	Moss	68.557	3	<3	3	1.4	235.3	8.6	160	<0.5	20.0	19.7	2133	4.79	17	1.7	<0.5	55	0.6	<0.5	<0.5
813701	Moss	26.318	13	<3	3	7.6	68.3	35.9	557	0.6	124.6	18.2	1352	2.66	79	3.3	<0.5	56	20.1	3.5	<0.5
813702	Moss	30.767	3	<3	<2	1.1	39.0	6.9	87	<0.5	17.6	10.5	2141	2.18	6	1.2	<0.5	46	0.7	<0.5	<0.5
813703	Moss	41.407	<2	<3	2	0.6	34.2	12.4	126	<0.5	15.5	48.3	5823	3.61	<5	<0.5	<0.5	35	<0.5	<0.5	<0.5
813704	Moss	31.898	<2	<3	2	0.8	51.0	7.8	97	<0.5	25.8	20.1	2448	3.04	11	1.0	<0.5	44	1.1	<0.5	<0.5
813705	Moss	37.210	5	9	7	0.5	82.0	6.1	77	<0.5	43.7	30.2	2075	3.93	<5	<0.5	<0.5	38	<0.5	<0.5	<0.5
813706	Moss	79.937	46	4	10	<0.5	144.0	5.0	126	<0.5	75.1	41.4	1766	6.69	19	<0.5	<0.5	22	<0.5	0.5	<0.5
813707	Moss	30.631	9	4	5	1.1	111.8	6.8	142	<0.5	76.3	31.4	1958	4.43	15	0.8	<0.5	39	<0.5	0.8	<0.5
813708	Moss	69.891	27	3	7	2.3	158.4	5.9	104	<0.5	57.7	30.9	1795	5.77	73	0.6	<0.5	17	0.6	2.7	<0.5
813709	Moss	24.661	43	5	3	0.8	61.0	6.2	79	<0.5	31.8	25.5	1774	2.69	15	<0.5	<0.5	23	<0.5	<0.5	<0.5
813710	Moss	56.268	18	4	7	1.6	135.4	6.4	101	<0.5	48.9	31.0	2121	5.11	48	<0.5	<0.5	20	<0.5	1.6	<0.5

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Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: September 17, 2008

CERTIFICATE OF ANALYSIS VAN08007744.1

	Method	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	LOI
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	LOI
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	MDL	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.5	5	2	0.1
813651	Moss	65	1.34	0.150	7.5	48.8	1.11	60	0.088	2.27	0.01	0.10	<0.5	0.10	6.4	<0.5	<0.5	<5	5	31.1
813652	Moss	39	1.74	0.115	7.1	25.1	0.47	74	0.055	2.20	0.01	0.13	<0.5	0.16	4.1	<0.5	<0.5	<5	4	64.4
813654	Moss	53	1.22	0.283	10.6	55.7	0.89	67	0.015	1.88	<0.01	0.09	<0.5	0.15	5.8	<0.5	<0.5	<5	6	25.4
813655	Moss	89	1.02	0.199	8.9	48.6	1.06	59	0.034	2.17	0.01	0.08	<0.5	0.12	8.1	<0.5	<0.5	<5	8	17.8
813658	Moss	209	1.33	0.062	4.8	86.0	1.95	26	0.504	3.45	0.01	0.06	<0.5	0.07	13.1	<0.5	<0.5	11	<2	28.5
813662	Moss	176	0.94	0.051	4.7	84.0	1.70	22	0.400	3.10	0.02	0.08	<0.5	0.10	10.9	<0.5	<0.5	9	2	27.5
813663	Moss	81	1.89	0.089	8.2	55.8	0.42	47	0.116	3.08	<0.01	0.05	<0.5	0.16	9.7	<0.5	<0.5	5	4	62.7
813664	Moss	142	1.42	0.127	6.5	82.4	1.70	32	0.164	2.85	0.02	0.10	<0.5	0.19	11.2	0.6	<0.5	7	5	27.4
813665	Moss	177	0.94	0.091	5.2	100.4	1.88	46	0.221	3.47	0.01	0.08	<0.5	0.20	13.3	<0.5	<0.5	9	3	19.0
813666	Moss	113	1.40	0.092	4.0	43.7	0.44	40	0.249	2.22	0.01	0.13	<0.5	0.15	4.2	<0.5	<0.5	8	2	62.2
813667	Moss	130	1.17	0.063	6.5	50.0	1.31	48	0.149	3.06	0.01	0.08	<0.5	0.10	8.4	<0.5	<0.5	8	3	19.8
813671	Moss	79	2.10	0.100	5.7	29.4	0.48	74	0.156	3.66	<0.01	0.05	<0.5	0.24	7.5	<0.5	<0.5	5	5	63.1
813672	Moss	109	1.49	0.084	7.3	36.3	0.89	50	0.167	2.36	0.01	0.08	<0.5	0.08	8.1	<0.5	<0.5	6	2	28.3
813673	Moss	103	2.01	0.103	7.0	46.7	0.82	61	0.196	2.62	0.01	0.05	<0.5	0.20	7.7	<0.5	<0.5	6	6	43.5
813676	Moss	138	0.84	0.055	4.5	52.9	1.06	50	0.312	2.99	0.02	0.05	<0.5	0.09	9.5	<0.5	<0.5	8	<2	27.4
813677	Moss	149	1.71	0.112	7.2	51.2	1.10	77	0.235	2.43	0.02	0.11	<0.5	0.11	8.2	<0.5	<0.5	7	5	23.8
813678	Moss	95	1.16	0.071	4.8	31.5	0.83	86	0.239	2.41	0.02	0.04	<0.5	0.08	6.5	<0.5	<0.5	6	<2	37.6
813679	Moss	73	1.18	0.106	4.2	35.4	0.58	80	0.174	1.95	0.02	0.10	<0.5	0.22	4.6	<0.5	<0.5	<5	2	49.7
813680	Moss	75	2.38	0.085	4.4	22.6	0.98	139	0.157	2.16	<0.01	0.03	1.3	0.19	6.6	<0.5	0.5	5	<2	14.9
813681	Moss	99	2.65	0.085	6.3	28.4	1.09	112	0.232	2.76	0.01	0.06	<0.5	0.14	7.9	<0.5	<0.5	7	3	28.9
813701	Moss	98	3.01	0.193	12.3	32.4	0.42	51	0.051	1.62	<0.01	0.09	<0.5	0.29	6.1	1.7	<0.5	<5	12	54.3
813702	Moss	42	2.10	0.134	7.9	28.3	0.46	74	0.041	2.17	0.01	0.21	<0.5	0.15	4.7	<0.5	<0.5	<5	7	59.1
813703	Moss	89	1.17	0.077	4.5	26.1	0.54	136	0.144	2.83	0.01	0.05	<0.5	0.17	5.0	<0.5	<0.5	8	3	45.5
813704	Moss	64	1.61	0.112	7.2	34.1	0.63	71	0.081	2.47	<0.01	0.08	<0.5	0.13	5.6	<0.5	<0.5	<5	6	56.8
813705	Moss	133	1.34	0.068	4.8	73.3	0.96	25	0.316	3.15	<0.01	0.05	<0.5	0.14	8.0	<0.5	<0.5	9	3	51.5
813706	Moss	215	1.29	0.067	5.3	96.4	2.21	27	0.496	3.67	0.01	0.07	<0.5	0.08	15.1	<0.5	<0.5	10	<2	21.2
813707	Moss	125	1.54	0.081	6.7	82.6	1.40	44	0.266	3.72	0.02	0.14	<0.5	0.13	12.2	<0.5	<0.5	7	5	44.0
813708	Moss	155	0.85	0.088	8.0	65.9	1.14	44	0.093	3.06	<0.01	0.08	<0.5	0.12	12.2	<0.5	<0.5	8	4	26.4
813709	Moss	77	0.86	0.067	5.0	40.1	0.65	42	0.129	2.40	<0.01	0.07	<0.5	0.17	5.6	<0.5	<0.5	<5	3	62.5
813710	Moss	142	0.94	0.081	6.3	60.6	1.00	43	0.159	3.18	0.01	0.07	<0.5	0.10	10.5	<0.5	<0.5	8	3	38.4

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AcmeLabs ACME ANALYTICAL LABORATORIES LTD.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: September 17, 2008

CERTIFICATE OF ANALYSIS VAN08007744.1

	Method	SS80	3B	3B	3B	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX
	Analyte	Wt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
	Unit	g	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0	2	3	2	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5
813711	Moss	69.249	12	6	9	1.0	150.6	5.0	123	<0.5	74.8	33.9	1777	6.09	23	0.6	<0.5	23	0.5	1.2	<0.5
813712	Moss	51.624	8	4	6	0.7	88.6	4.2	85	<0.5	56.6	26.5	1468	3.72	7	<0.5	<0.5	30	<0.5	0.8	<0.5
813713	Moss	41.868	11	<3	8	0.6	129.7	7.5	150	<0.5	68.5	43.8	2729	5.15	11	<0.5	<0.5	36	<0.5	0.5	<0.5
813714	Moss	58.681	69	8	7	1.1	142.8	8.4	106	<0.5	81.3	33.1	1503	5.62	38	0.7	<0.5	21	<0.5	2.8	<0.5
813715	Moss	66.018	20	<3	6	1.0	92.6	28.3	190	<0.5	54.2	25.0	1693	4.42	22	2.4	<0.5	40	2.3	0.7	<0.5
813716	Moss	35.730	<2	4	<2	6.6	65.5	17.6	412	<0.5	39.0	13.0	1268	3.75	61	2.5	<0.5	28	1.9	2.0	<0.5
813717	Moss	34.219	3	4	3	1.2	59.5	13.8	102	<0.5	30.5	16.8	2077	2.79	31	2.3	<0.5	58	0.9	0.7	<0.5
813718	Moss	35.020	<2	<3	3	1.3	74.3	10.3	50	<0.5	36.8	10.8	1682	2.13	43	1.8	<0.5	57	<0.5	0.7	<0.5
813719	Moss	60.017	9	<3	3	1.0	57.9	7.8	72	<0.5	20.8	16.8	1469	3.79	11	1.1	<0.5	32	<0.5	<0.5	<0.5
813720	Moss	60.721	6	4	5	<0.5	95.0	4.6	90	<0.5	33.5	23.5	1343	4.11	<5	<0.5	<0.5	39	<0.5	<0.5	<0.5
813721	Moss	72.972	2	<3	3	1.3	74.7	13.8	232	<0.5	21.9	24.7	1491	5.28	13	<0.5	<0.5	31	0.9	<0.5	1.3
813722	Moss	102.8	2	<3	<2	3.2	75.1	37.6	348	<0.5	15.3	17.6	1573	4.78	17	1.5	<0.5	58	1.9	<0.5	<0.5
813565	Moss	29.660	2	5	<2	1.5	21.5	13.7	89	<0.5	5.2	11.0	3634	1.72	8	2.4	<0.5	57	<0.5	<0.5	<0.5
813566	Moss	38.446	<2	3	<2	1.9	23.3	25.0	105	<0.5	12.1	229.7	17485	4.57	6	0.5	<0.5	26	0.7	<0.5	<0.5

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Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: September 17, 2008

CERTIFICATE OF ANALYSIS VAN08007744.1

	Method	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	LOI
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	LOI
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	MDL	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.5	5	2	0.1
813711	Moss	184	1.11	0.074	6.7	92.1	2.02	40	0.277	3.65	0.01	0.07	<0.5	0.13	13.9	<0.5	<0.5	9	<2	20.3
813712	Moss	110	1.07	0.079	4.5	65.7	1.01	31	0.213	2.92	0.01	0.06	<0.5	0.11	9.3	<0.5	<0.5	7	2	46.7
813713	Moss	174	1.53	0.077	5.4	85.0	1.58	31	0.388	4.17	0.01	0.05	<0.5	0.16	13.4	<0.5	<0.5	9	4	41.0
813714	Moss	148	0.98	0.084	6.4	78.3	1.50	36	0.172	3.40	0.01	0.07	<0.5	0.16	11.9	<0.5	<0.5	8	<2	20.7
813715	Moss	140	1.88	0.093	6.3	70.9	1.37	57	0.299	2.90	0.02	0.05	<0.5	0.21	10.0	<0.5	<0.5	7	4	34.4
813716	Moss	60	1.32	0.180	9.4	44.2	0.72	72	0.051	1.74	0.02	0.08	<0.5	0.12	5.4	<0.5	<0.5	<5	4	22.8
813717	Moss	67	2.35	0.129	6.5	35.5	0.47	68	0.110	2.48	0.01	0.07	<0.5	0.22	6.8	<0.5	0.7	<5	4	62.5
813718	Moss	42	2.96	0.139	4.8	29.4	0.33	70	0.073	1.37	0.02	0.18	<0.5	0.17	4.7	<0.5	<0.5	<5	9	70.7
813719	Moss	78	2.18	0.069	3.8	29.6	0.82	63	0.128	2.00	0.01	0.05	0.6	0.05	4.8	<0.5	<0.5	5	4	37.1
813720	Moss	130	1.38	0.058	5.3	36.4	1.15	70	0.268	2.97	0.01	0.07	<0.5	0.07	9.2	<0.5	<0.5	8	3	31.9
813721	Moss	103	1.47	0.057	3.8	36.1	0.95	57	0.233	2.46	0.01	0.04	<0.5	0.15	6.6	<0.5	<0.5	7	3	19.0
813722	Moss	84	1.81	0.097	4.4	22.3	1.37	122	0.164	2.35	<0.01	0.05	<0.5	0.13	7.3	<0.5	<0.5	7	3	11.7
813565	Moss	30	2.64	0.127	8.4	8.9	0.15	88	0.060	2.68	0.01	0.24	<0.5	0.26	3.3	<0.5	<0.5	<5	7	78.2
813566	Moss	91	0.76	0.077	4.9	13.6	0.39	143	0.128	2.34	0.01	0.06	<0.5	0.20	3.7	<0.5	<0.5	8	4	49.4

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Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: September 17, 2008

QUALITY CONTROL REPORT VAN08007744.1

	Method	SS80	3B	3B	3B	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX
	Analyte	Wt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
	Unit	g	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0	2	3	2	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5
Pulp Duplicates																					
813676	Moss	68.527	3	<3	8	0.6	91.8	4.4	84	<0.5	36.5	22.8	1276	4.44	6	<0.5	<0.5	23	<0.5	<0.5	<0.5
REP 813676	QC																				
813703	Moss	41.407	<2	<3	2	0.6	34.2	12.4	126	<0.5	15.5	48.3	5823	3.61	<5	<0.5	<0.5	35	<0.5	<0.5	<0.5
REP 813703	QC		6	4	2																
813709	Moss	24.661	43	5	3	0.8	61.0	6.2	79	<0.5	31.8	25.5	1774	2.69	15	<0.5	<0.5	23	<0.5	<0.5	<0.5
REP 813709	QC					0.7	63.4	6.2	77	<0.5	33.0	26.0	1711	2.69	14	<0.5	<0.5	23	<0.5	<0.5	<0.5
813717	Moss	34.219	3	4	3	1.2	59.5	13.8	102	<0.5	30.5	16.8	2077	2.79	31	2.3	<0.5	58	0.9	0.7	<0.5
REP 813717	QC		<2	<3	<2																
813565	Moss	29.660	2	5	<2	1.5	21.5	13.7	89	<0.5	5.2	11.0	3634	1.72	8	2.4	<0.5	57	<0.5	<0.5	<0.5
REP 813565	QC					1.4	18.8	10.6	76	<0.5	6.0	10.7	3586	1.68	6	2.1	<0.5	55	<0.5	<0.5	<0.5
Reference Materials																					
STD DOLOMITE-1	Standard																				
STD DOLOMITE-1	Standard																				
STD FA100S	Standard		49	47	47																
STD FA100S	Standard		47	46	46																
STD FA100S	Standard		47	48	46																
STD SF-3A	Standard					311.6	7784	9199	10676	52.7	3454	187.4	4072	7.76	48	3.1	2.8	55	47.6	9.2	3.9
STD SF-3A	Standard					307.6	7782	9364	10773	52.4	3466	186.7	4103	7.80	51	3.2	2.6	54	47.1	9.1	4.1
STD SF-3A	Standard					311.1	7648	9319	10718	52.6	3432	178.9	4162	7.87	48	4.5	2.7	60	50.6	9.9	4.8
STD SF-3A	Standard					309.7	7728	9351	10838	53.3	3461	183.8	4328	7.87	50	4.5	2.8	60	46.9	9.7	4.9
STD DOLOMITE-1 Expected																					
STD FA100S Expected			45	45	45																
STD SF-3A Expected						308	7705	9625	10628	54	3365	183	4247	7.91	46	0	0	50	45	10	0
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank					<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
BLK	Blank					<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5

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Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: September 17, 2008

QUALITY CONTROL REPORT VAN08007744.1

	Method	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	7AX	LOI
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	LOI
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	MDL	10	0.01	0.001	0.5	0.5	0.01	5	0.001	0.01	0.01	0.01	0.5	0.05	0.5	0.5	0.5	5	2	0.1
Pulp Duplicates																				
813676	Moss	138	0.84	0.055	4.5	52.9	1.06	50	0.312	2.99	0.02	0.05	<0.5	0.09	9.5	<0.5	<0.5	8	<2	27.4
REP 813676	QC																			30.0
813703	Moss	89	1.17	0.077	4.5	26.1	0.54	136	0.144	2.83	0.01	0.05	<0.5	0.17	5.0	<0.5	<0.5	8	3	45.5
REP 813703	QC																			
813709	Moss	77	0.86	0.067	5.0	40.1	0.65	42	0.129	2.40	<0.01	0.07	<0.5	0.17	5.6	<0.5	<0.5	<5	3	62.5
REP 813709	QC	77	0.86	0.069	4.7	40.0	0.65	41	0.132	2.41	0.01	0.07	<0.5	0.15	5.9	<0.5	<0.5	<5	3	
813717	Moss	67	2.35	0.129	6.5	35.5	0.47	68	0.110	2.48	0.01	0.07	<0.5	0.22	6.8	<0.5	0.7	<5	4	62.5
REP 813717	QC																			
813565	Moss	30	2.64	0.127	8.4	8.9	0.15	88	0.060	2.68	0.01	0.24	<0.5	0.26	3.3	<0.5	<0.5	<5	7	78.2
REP 813565	QC	30	2.60	0.129	7.7	8.9	0.13	85	0.057	2.72	0.01	0.24	<0.5	0.24	3.5	<0.5	<0.5	<5	4	
Reference Materials																				
STD DOLOMITE-1	Standard																			22.5
STD DOLOMITE-1	Standard																			22.4
STD FA100S	Standard																			
STD FA100S	Standard																			
STD FA100S	Standard																			
STD SF-3A	Standard	109	2.60	0.055	8.3	171.1	4.27	248	0.119	1.02	0.50	1.02	3.0	0.46	3.2	2.7	5.0	<5	9	
STD SF-3A	Standard	110	2.58	0.058	8.2	169.9	4.27	248	0.117	1.01	0.50	1.02	3.2	0.44	3.1	2.7	4.8	<5	8	
STD SF-3A	Standard	108	2.55	0.055	8.7	171.3	4.20	273	0.114	1.01	0.48	1.14	2.9	0.49	3.2	2.8	4.7	<5	7	
STD SF-3A	Standard	108	2.55	0.057	8.5	173.3	4.23	274	0.116	1.02	0.50	1.02	3.4	0.53	3.5	2.8	4.6	<5	12	
STD DOLOMITE-1 Expected																				22.34
STD FA100S Expected																				
STD SF-3A Expected		102	2.59	0.054	10	167	4.27	260	0.117	1	0.47	0.99	0	0.6	0	0	4.2	0	10	
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<10	<0.01	<0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.5	<5	<2	
BLK	Blank	<10	<0.01	<0.001	<0.5	<0.5	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.05	<0.5	<0.5	<0.5	<5	<2	

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Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Submitted By: Jacques Houle
Receiving Lab: Canada-Vancouver
Received: July 29, 2008
Report Date: August 13, 2008

CERTIFICATE OF ANALYSIS VAN08007745.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 45

SAMPLE DISPOSAL

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

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
R150	45	Crush, split and pulverize rock to 200 mesh		
3B	45	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed
7TX	45	4 Acid Digestion Analysis by ICP-ES/ICP-MS	0.5	Completed

ADDITIONAL COMMENTS

Invoice To: Houle, Jacques
6552 Peregrine Road
Nanaimo BC V9V 1P8
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.

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Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: August 13, 2008

CERTIFICATE OF ANALYSIS VAN08007745.1

	Method	WGHT	3B	3B	3B	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5
813551	Rock	1.91	25	12	18	2.0	207.8	17.1	80	<0.5	155.9	39	1792	10.75	25	<0.5	0.7	513	<0.5	<0.5	<0.5
813552	Rock	1.55	<2	3	<2	0.6	46.6	1.0	63	<0.5	6.5	18	1015	4.93	31	1.2	1.4	704	<0.5	<0.5	<0.5
813553	Rock	1.18	14	<3	<2	1.6	25.0	1.7	14	<0.5	6.6	7	378	2.13	8	1.7	4.7	228	<0.5	0.8	<0.5
813554	Rock	1.79	22	<3	<2	2.0	6678	4.3	15	3.5	54.2	32	2747	29.33	114	0.8	<0.5	6	<0.5	0.8	<0.5
813555	Rock	2.14	15	<3	4	2.0	28221	3.1	112	10.2	39.6	118	9202	24.83	98	1.4	<0.5	40	1.1	0.8	<0.5
813556	Rock	0.92	3	<3	<2	2.0	211.1	5.6	45	<0.5	4.4	6	391	3.30	<5	1.3	3.0	148	<0.5	<0.5	<0.5
813557	Rock	1.35	4	<3	<2	1.0	525.2	0.8	30	<0.5	2.9	8	562	2.39	<5	1.9	3.5	308	<0.5	0.6	<0.5
813558	Rock	1.38	<2	<3	<2	2.0	109.4	<0.5	<5	<0.5	5.7	3	90	1.45	<5	1.8	2.9	110	<0.5	<0.5	<0.5
813559	Rock	1.58	5	<3	<2	2.9	64.1	5.2	7	<0.5	2.4	5	1454	8.08	<5	1.2	3.1	1658	<0.5	1.1	2.0
813560	Rock	3.08	14	<3	<2	5.3	3386	3.1	900	6.2	8.6	27	1722	23.31	73	2.0	<0.5	6	6.2	2.1	0.7
813561	Rock	0.59	11	<3	<2	1.3	65.6	<0.5	22	<0.5	5.3	11	438	3.28	<5	0.8	3.2	303	<0.5	<0.5	<0.5
813562	Rock	0.57	7	<3	4	0.8	37.5	1.9	16	<0.5	1.2	4	403	2.18	<5	1.8	6.0	281	<0.5	<0.5	<0.5
813563	Rock	1.11	5	<3	<2	0.6	23.8	3.3	19	<0.5	2.2	48	5524	2.97	41	0.6	<0.5	66	<0.5	1.5	<0.5
813564	Rock	1.37	15	<3	<2	1.7	719.4	5.6	42	0.9	10.2	249	1496	47.99	156	<0.5	<0.5	<5	<0.5	<0.5	1.4
813601	Rock	3.25	34	<3	<2	2.0	9.4	4.9	139	<0.5	<0.5	24	2090	7.41	<5	<0.5	1.4	428	<0.5	1.3	<0.5
813602	Rock	2.30	5	<3	<2	1.6	16.7	0.7	45	<0.5	1.5	16	1129	5.44	<5	1.2	2.5	382	<0.5	0.7	<0.5
813603	Rock	3.17	4	<3	<2	2.6	8393	1.0	148	1.8	3.7	264	9041	25.26	8	0.7	<0.5	6	0.6	0.7	2.5
813604	Rock	1.88	4	<3	<2	2.5	110.3	0.6	95	<0.5	28.2	41	1065	10.45	10	<0.5	0.6	95	<0.5	<0.5	<0.5
813605	Rock	1.51	<2	<3	9	0.9	117.0	<0.5	87	<0.5	68.7	48	3262	8.84	27	<0.5	<0.5	11	<0.5	0.8	<0.5
813606	Rock	1.89	6	<3	<2	3.7	61.3	4.9	52	0.7	16.9	6	181	3.29	14	2.4	1.3	155	<0.5	3.6	<0.5
813607	Rock	1.60	3	<3	<2	1.0	73.1	0.8	48	<0.5	99.5	33	576	7.95	14	0.8	1.4	43	<0.5	<0.5	<0.5
813608	Rock	1.35	6	<3	5	3.7	32.0	4.5	43	0.7	18.9	3	84	2.23	14	3.0	<0.5	73	<0.5	1.1	<0.5
813609	Rock	0.78	<2	<3	<2	<0.5	8.1	3.3	35	<0.5	2.2	3	481	1.84	8	0.5	1.0	406	<0.5	2.0	<0.5
813610	Rock	2.66	5	<3	<2	<0.5	439.3	<0.5	66	<0.5	16.4	26	1284	6.47	<5	0.5	0.8	74	<0.5	<0.5	<0.5
813611	Rock	1.62	2	<3	<2	3.9	5.9	<0.5	10	<0.5	2.1	9	1215	8.26	<5	1.9	5.1	1650	0.7	1.3	0.8
813612	Rock	2.56	3	<3	5	<0.5	9.4	<0.5	42	<0.5	35.3	20	754	3.97	<5	<0.5	<0.5	13	<0.5	<0.5	<0.5
813613	Rock	2.92	<2	<3	<2	<0.5	364.4	<0.5	40	<0.5	4.9	14	898	3.67	<5	<0.5	<0.5	70	<0.5	<0.5	<0.5
813614	Rock	1.62	<2	<3	<2	<0.5	350.4	<0.5	52	<0.5	6.4	24	1063	5.04	<5	<0.5	<0.5	70	<0.5	<0.5	<0.5
813615	Rock	2.09	<2	<3	<2	<0.5	123.7	<0.5	40	<0.5	15.4	19	1028	4.02	<5	<0.5	<0.5	68	<0.5	<0.5	<0.5
813616	Rock	1.18	26	<3	9	0.6	9.1	1.4	69	<0.5	82.2	28	661	5.10	<5	<0.5	0.7	10	<0.5	1.1	<0.5

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Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: August 13, 2008

CERTIFICATE OF ANALYSIS VAN08007745.1

	Method	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	10	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5	1
813551	Rock	276	2.50	0.09	9.2	167	2.71	750	1.291	7.10	0.77	3.83	<0.5	93.1	23	0.5	17.5	13.0	0.7	<5	21
813552	Rock	142	5.02	0.08	11.0	6	1.39	358	0.439	8.32	2.55	0.71	<0.5	62.4	22	<0.5	18.3	4.8	<0.5	<5	16
813553	Rock	73	4.00	0.05	15.6	15	0.67	188	0.283	6.97	3.59	0.25	<0.5	23.4	37	3.5	21.8	7.6	<0.5	<5	10
813554	Rock	365	14.91	<0.01	2.6	4	0.17	49	0.025	0.86	0.02	<0.01	3.6	1.1	9	1.5	5.8	0.6	<0.5	<5	2
813555	Rock	12	6.06	0.01	0.9	13	1.77	224	0.028	0.76	0.05	0.04	1.8	5.6	<5	<0.5	2.2	<0.5	<0.5	<5	3
813556	Rock	54	0.66	0.08	13.9	3	0.65	574	0.353	8.27	3.17	2.39	0.8	60.1	31	0.9	17.6	8.7	<0.5	<5	11
813557	Rock	27	1.45	0.05	17.5	7	0.51	774	0.179	7.40	4.12	1.53	0.9	51.8	34	1.2	16.7	6.6	<0.5	<5	4
813558	Rock	15	0.18	0.03	7.0	5	0.29	600	0.157	6.96	3.06	1.92	0.5	49.2	13	0.9	4.9	8.1	<0.5	<5	<1
813559	Rock	106	11.72	0.11	15.4	6	0.08	58	0.414	8.94	0.02	0.19	0.8	157.0	34	<0.5	18.8	6.9	<0.5	<5	9
813560	Rock	<10	3.63	0.02	1.0	11	0.05	28	0.003	0.19	0.01	0.02	3.7	1.8	<5	1.8	1.0	<0.5	<0.5	<5	<1
813561	Rock	61	3.30	0.04	16.3	11	0.90	91	0.248	6.99	3.87	0.30	0.5	17.0	38	0.5	19.8	11.0	<0.5	<5	10
813562	Rock	29	0.97	0.04	24.7	7	0.55	1201	0.206	7.42	3.25	2.78	<0.5	29.5	50	0.7	27.5	12.2	<0.5	<5	6
813563	Rock	<10	12.95	<0.01	4.8	10	0.59	29	0.004	0.18	<0.01	0.01	<0.5	0.6	9	<0.5	2.1	<0.5	<0.5	<5	<1
813564	Rock	16	4.96	0.01	1.3	7	0.65	60	0.010	0.27	<0.01	0.02	0.7	1.9	<5	0.5	1.1	<0.5	<0.5	<5	<1
813601	Rock	126	3.33	0.12	9.7	3	2.44	596	0.458	8.44	2.41	0.42	<0.5	27.2	24	1.1	20.4	4.1	<0.5	<5	16
813602	Rock	102	3.33	0.10	16.4	3	1.66	558	0.397	8.51	3.78	0.82	1.3	22.9	34	1.4	21.1	7.0	<0.5	<5	12
813603	Rock	<10	12.04	<0.01	1.0	5	2.13	10	0.003	0.16	0.02	<0.01	6.8	0.5	<5	<0.5	1.3	<0.5	<0.5	<5	<1
813604	Rock	473	11.01	0.11	6.7	23	2.49	41	0.780	8.68	0.34	0.02	1.3	10.2	14	0.7	8.4	2.8	<0.5	<5	9
813605	Rock	215	0.23	0.03	4.7	77	2.18	32	0.424	2.99	0.02	0.02	<0.5	21.8	8	1.0	12.7	4.1	<0.5	<5	16
813606	Rock	83	1.82	0.09	5.9	36	0.52	59	0.330	5.71	3.82	0.01	<0.5	114.9	7	1.8	16.8	3.6	<0.5	<5	10
813607	Rock	192	1.56	0.12	11.3	155	3.60	250	0.447	8.47	0.07	1.43	<0.5	50.2	17	0.7	16.2	3.5	<0.5	<5	19
813608	Rock	131	1.40	0.67	12.8	63	0.85	59	0.154	4.26	0.89	0.50	<0.5	31.3	15	<0.5	32.0	1.6	<0.5	<5	10
813609	Rock	18	1.76	0.04	13.9	3	0.43	299	0.147	8.33	4.16	0.95	<0.5	35.7	25	0.6	8.3	7.3	<0.5	<5	<1
813610	Rock	257	3.17	0.07	7.4	21	2.69	63	0.478	7.62	2.56	0.67	<0.5	26.6	14	<0.5	12.8	2.7	<0.5	<5	24
813611	Rock	107	13.12	0.08	25.9	8	0.59	22	0.450	9.57	0.01	0.02	<0.5	48.4	62	0.9	31.2	12.2	0.6	<5	11
813612	Rock	138	0.18	0.01	1.6	50	1.88	24	0.262	3.00	0.49	0.02	<0.5	12.9	<5	<0.5	3.6	1.8	<0.5	<5	9
813613	Rock	125	4.50	0.04	5.6	8	1.52	53	0.223	4.35	1.62	0.30	<0.5	18.7	11	<0.5	9.4	1.4	<0.5	<5	13
813614	Rock	186	3.70	0.05	4.7	7	2.16	53	0.342	6.02	2.44	0.36	<0.5	26.5	10	<0.5	10.8	1.5	<0.5	<5	19
813615	Rock	122	3.97	0.03	6.8	12	1.74	17	0.286	4.35	1.70	0.10	<0.5	19.0	14	<0.5	12.7	2.0	<0.5	<5	15
813616	Rock	238	0.45	0.04	3.5	130	2.14	93	0.569	5.26	0.04	1.15	<0.5	84.4	10	0.9	9.2	5.6	<0.5	<5	19

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Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: August 13, 2008

CERTIFICATE OF ANALYSIS VAN08007745.1

	Method	7TX	7TX	7TX	7TX
	Analyte	Li	S	Rb	Hf
	Unit	ppm	%	ppm	ppm
	MDL	0.5	0.5	0.5	0.5
813551	Rock	2.3	6.6	57.3	2.0
813552	Rock	6.9	<0.5	16.7	2.0
813553	Rock	1.9	1.2	6.6	1.4
813554	Rock	1.4	4.3	0.9	<0.5
813555	Rock	<0.5	0.8	2.3	<0.5
813556	Rock	1.8	0.8	61.3	1.7
813557	Rock	2.3	<0.5	27.2	2.4
813558	Rock	<0.5	<0.5	43.0	1.5
813559	Rock	<0.5	<0.5	4.2	2.7
813560	Rock	5.8	0.7	0.8	<0.5
813561	Rock	4.0	0.9	6.2	0.8
813562	Rock	2.4	0.5	42.1	1.2
813563	Rock	3.6	1.3	<0.5	<0.5
813564	Rock	<0.5	13.0	<0.5	<0.5
813601	Rock	4.7	0.8	15.7	1.0
813602	Rock	6.5	0.6	18.1	1.1
813603	Rock	0.9	4.8	<0.5	<0.5
813604	Rock	8.6	4.5	1.8	<0.5
813605	Rock	10.6	<0.5	1.3	0.6
813606	Rock	5.3	1.9	0.8	4.6
813607	Rock	25.0	1.9	45.4	1.5
813608	Rock	9.2	<0.5	12.1	1.0
813609	Rock	3.9	<0.5	20.4	2.0
813610	Rock	10.2	<0.5	19.3	1.3
813611	Rock	3.3	<0.5	<0.5	2.3
813612	Rock	7.0	<0.5	<0.5	<0.5
813613	Rock	8.1	<0.5	6.1	<0.5
813614	Rock	7.8	<0.5	11.2	1.0
813615	Rock	15.1	<0.5	2.1	0.9
813616	Rock	16.0	<0.5	25.3	2.0

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Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: August 13, 2008

CERTIFICATE OF ANALYSIS VAN08007745.1

	Method	WGHT	3B	3B	3B	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5
813653	Rock	0.79	6	<3	<2	0.6	52.7	1.6	85	<0.5	8.5	23	1562	6.07	<5	1.7	2.3	460	<0.5	<0.5	<0.5
813656	Rock	1.26	<2	<3	<2	0.6	72.0	<0.5	63	<0.5	42.0	33	1345	6.81	<5	<0.5	0.7	191	<0.5	<0.5	<0.5
813657	Rock	0.83	8	7	9	<0.5	139.6	<0.5	58	<0.5	119.1	34	902	5.94	6	<0.5	<0.5	151	<0.5	1.1	<0.5
813659	Rock	1.48	<2	<3	3	<0.5	85.7	<0.5	63	<0.5	69.2	37	893	6.77	<5	<0.5	1.0	122	<0.5	2.9	<0.5
813660	Rock	1.93	<2	<3	2	2.2	15.0	7.7	7	<0.5	31.6	7	1240	2.54	185	0.7	<0.5	263	<0.5	0.9	<0.5
813661	Rock	1.81	3	9	16	<0.5	200.8	<0.5	77	<0.5	125.5	36	1137	7.67	<5	<0.5	<0.5	55	<0.5	<0.5	<0.5
813668	Rock	2.12	<2	<3	<2	<0.5	33.1	30.4	72	<0.5	2.8	13	1120	4.45	<5	1.1	2.4	447	<0.5	<0.5	<0.5
813669	Rock	1.34	<2	3	<2	<0.5	51.5	1.2	84	<0.5	8.5	27	1426	7.39	<5	<0.5	0.7	438	<0.5	0.8	<0.5
813670	Rock	0.98	<2	4	<2	<0.5	72.4	2.3	84	<0.5	5.1	23	1265	6.27	<5	<0.5	1.1	251	<0.5	3.2	<0.5
813674	Rock	1.51	<2	12	14	<0.5	49.0	3.7	50	<0.5	118.1	38	1294	5.50	25	<0.5	0.5	963	<0.5	1.0	<0.5
813675	Rock	1.38	2	8	19	<0.5	189.5	1.5	88	<0.5	185.4	46	943	9.39	58	<0.5	<0.5	315	<0.5	<0.5	<0.5
813567	Rock	1.31	5	<3	<2	2.2	3.2	7.1	14	<0.5	3.7	104	885	33.47	<5	3.6	2.2	416	<0.5	<0.5	1.6
813568	Rock	1.34	3	<3	<2	32.7	18457	3.2	55	7.0	4.0	56	2823	48.26	70	1.3	<0.5	<5	<0.5	<0.5	0.9
813569	Rock	0.87	50	7	<2	52.2	9081	20.6	225	2.0	2.2	76	2784	51.52	283	0.9	<0.5	18	<0.5	1.2	1.7
813570	Rock	0.78	<2	4	<2	3.1	645.1	2.9	42	<0.5	3.5	7	420	4.11	8	1.9	5.4	278	<0.5	<0.5	<0.5

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Project: None Given
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CERTIFICATE OF ANALYSIS VAN08007745.1

	Method	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	10	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5	1
813653	Rock	165	4.57	0.12	12.1	9	1.66	264	0.374	8.93	2.56	0.95	0.8	61.8	23	0.8	14.5	3.8	<0.5	<5	14
813656	Rock	225	7.29	0.09	8.1	93	3.68	28	0.447	8.44	2.46	0.02	<0.5	23.5	18	<0.5	13.0	2.5	<0.5	<5	23
813657	Rock	258	6.51	0.03	6.9	198	2.93	14	0.782	7.51	2.27	0.08	<0.5	58.5	15	1.5	15.2	4.1	<0.5	<5	23
813659	Rock	257	7.24	0.11	8.5	134	3.47	374	0.486	7.38	0.14	1.99	<0.5	46.9	19	<0.5	9.9	3.6	<0.5	<5	29
813660	Rock	35	36.92	<0.01	5.2	18	0.43	<5	0.054	0.63	0.02	0.06	<0.5	4.6	<5	<0.5	4.3	<0.5	<0.5	<5	3
813661	Rock	298	6.51	0.05	5.1	232	3.51	95	0.806	7.31	0.10	1.33	<0.5	55.7	10	1.2	13.8	4.8	<0.5	<5	28
813668	Rock	147	4.01	0.10	12.8	9	1.29	635	0.478	8.23	2.95	1.85	<0.5	78.1	26	27.9	20.2	5.3	<0.5	<5	13
813669	Rock	313	4.49	0.08	7.4	16	2.65	328	0.609	9.04	2.53	0.68	<0.5	57.8	15	0.9	16.7	2.1	<0.5	<5	23
813670	Rock	283	5.61	0.11	8.2	4	1.79	645	0.560	8.58	1.41	2.14	<0.5	46.8	18	<0.5	12.6	2.7	<0.5	<5	18
813674	Rock	336	14.43	0.06	7.2	263	1.25	356	1.051	8.96	0.97	0.47	0.7	116.4	16	1.2	18.7	7.4	<0.5	<5	27
813675	Rock	386	11.18	0.09	6.0	192	0.31	428	1.192	8.14	0.47	3.48	2.0	33.1	16	<0.5	17.6	10.1	<0.5	<5	19
813567	Rock	55	4.73	0.02	9.3	7	0.60	<5	0.184	3.89	<0.01	<0.01	0.6	43.2	20	4.9	13.0	6.8	<0.5	<5	7
813568	Rock	26	5.50	<0.01	0.8	4	1.12	<5	0.003	0.54	0.02	<0.01	10.3	<0.5	<5	<0.5	1.7	<0.5	<0.5	<5	<1
813569	Rock	<10	2.07	<0.01	<0.5	6	1.08	<5	0.005	0.36	<0.01	<0.01	4.7	0.9	<5	<0.5	0.6	<0.5	<0.5	<5	<1
813570	Rock	68	1.20	0.04	13.1	6	0.66	892	0.213	7.36	3.24	2.80	<0.5	23.1	29	0.7	13.8	7.2	<0.5	<5	6

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www.acmelab.com

Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: August 13, 2008

CERTIFICATE OF ANALYSIS VAN08007745.1

		Method	7TX	7TX	7TX	7TX
		Analyte	Li	S	Rb	Hf
		Unit	ppm	%	ppm	ppm
		MDL	0.5	0.5	0.5	0.5
813653	Rock		4.3	<0.5	22.2	1.8
813656	Rock		9.0	<0.5	0.6	0.6
813657	Rock		12.5	<0.5	3.1	2.1
813659	Rock		8.3	<0.5	45.4	1.0
813660	Rock		2.5	2.2	5.0	<0.5
813661	Rock		24.9	<0.5	50.2	1.8
813668	Rock		4.7	<0.5	45.0	3.1
813669	Rock		13.1	<0.5	23.9	1.2
813670	Rock		4.9	<0.5	44.7	1.1
813674	Rock		4.4	<0.5	10.6	1.8
813675	Rock		1.5	9.7	71.7	1.3
813567	Rock		1.7	31.7	1.6	1.6
813568	Rock		<0.5	1.8	1.9	<0.5
813569	Rock		1.2	10.0	1.6	<0.5
813570	Rock		4.8	0.6	60.4	1.0

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Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: August 13, 2008

QUALITY CONTROL REPORT VAN08007745.1

	Method	WGHT	3B	3B	3B	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX
	Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
	Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	3	2	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5
Pulp Duplicates																					
813611	Rock	1.62	2	<3	<2	3.9	5.9	<0.5	10	<0.5	2.1	9	1215	8.26	<5	1.9	5.1	1650	0.7	1.3	0.8
REP 813611	QC					5.9	12.6	1.2	13	<0.5	<0.5	5	1202	8.07	<5	2.1	6.1	1665	<0.5	1.2	0.7
813656	Rock	1.26	<2	<3	<2	0.6	72.0	<0.5	63	<0.5	42.0	33	1345	6.81	<5	<0.5	0.7	191	<0.5	<0.5	<0.5
REP 813656	QC		<2	<3	<2																
813568	Rock	1.34	3	<3	<2	32.7	18457	3.2	55	7.0	4.0	56	2823	48.26	70	1.3	<0.5	<5	<0.5	<0.5	0.9
REP 813568	QC		4	<3	<2																
Reference Materials																					
STD CDN-PGMS-14	Standard		258	127	409																
STD CDN-PGMS-14	Standard		270	102	385																
STD CDN-PGMS-14	Standard		282	108	425																
STD FA10R	Standard		504	488	500																
STD FA10R	Standard		469	452	461																
STD FA10R	Standard		478	463	472																
STD FA10R	Standard		466	457	463																
STD SF-3T	Standard					315.8	7602	9050	10732	52.4	3448	177	4246	8.14	42	4.2	4.4	422	47.3	10.5	5.0
STD SF-3T	Standard					311.9	7704	9263	10849	52.5	3477	179	4312	8.26	47	3.9	4.0	429	48.2	11.1	3.8
STD SF-3T	Standard					308.0	7672	8709	10600	52.6	3398	180	4213	8.15	40	3.9	4.0	431	41.3	10.6	4.7
STD SF-3T	Standard					312.8	7640	8639	10633	52.9	3403	175	4223	8.08	42	3.5	4.4	424	45.5	10.6	4.5
STD CDN-PGMS-14			259	119	451																
STD SF-3T Expected						320	7723	9610	10672	52	3500	181	4320	8.33	40	4	4.7	440	47.5	11.1	4.8
STD FA10R Expected			485	472	476																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank		<2	<3	<2																
BLK	Blank					<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5

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Client: **Houle, Jacques**
6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: August 13, 2008

QUALITY CONTROL REPORT VAN08007745.1

	Method	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	10	0.01	0.01	0.5	1	0.01	5	0.001	0.01	0.01	0.01	0.5	0.5	5	0.5	0.5	0.5	0.5	5	1
Pulp Duplicates																					
813611	Rock	107	13.12	0.08	25.9	8	0.59	22	0.450	9.57	0.01	0.02	<0.5	48.4	62	0.9	31.2	12.2	0.6	<5	11
REP 813611	QC	102	13.32	0.08	25.8	9	0.61	44	0.447	9.73	0.03	0.02	<0.5	73.9	61	2.5	36.0	11.7	0.5	<5	13
813656	Rock	225	7.29	0.09	8.1	93	3.68	28	0.447	8.44	2.46	0.02	<0.5	23.5	18	<0.5	13.0	2.5	<0.5	<5	23
REP 813656	QC																				
813568	Rock	26	5.50	<0.01	0.8	4	1.12	<5	0.003	0.54	0.02	<0.01	10.3	<0.5	<5	<0.5	1.7	<0.5	<0.5	<5	<1
REP 813568	QC																				
Reference Materials																					
STD CDN-PGMS-14	Standard																				
STD CDN-PGMS-14	Standard																				
STD CDN-PGMS-14	Standard																				
STD FA10R	Standard																				
STD FA10R	Standard																				
STD FA10R	Standard																				
STD FA10R	Standard																				
STD SF-3T	Standard	136	4.03	0.06	20.5	198	4.53	564	0.192	5.40	2.05	2.42	3.5	13.8	47	5.9	10.9	12.5	<0.5	<5	6
STD SF-3T	Standard	135	4.07	0.06	21.1	200	4.60	546	0.195	5.44	2.08	2.50	4.1	14.4	49	5.6	11.2	15.7	<0.5	<5	7
STD SF-3T	Standard	121	4.04	0.06	17.6	200	4.58	550	0.194	5.42	2.06	2.40	4.2	14.3	38	4.7	10.7	14.3	0.5	<5	6
STD SF-3T	Standard	120	4.01	0.05	17.5	185	4.56	602	0.201	5.36	2.03	2.43	3.8	13.8	40	7.8	11.2	14.2	0.6	<5	7
STD CDN-PGMS-14																					
STD SF-3T Expected		143	4.1	0.06	17	207.4	4.67	508	0.19	5.43	2.06	2.47	4.3	14	38	5.8	11.5	15.1	0.9	0	7
STD FA10R Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<10	<0.01	<0.01	<0.5	<1	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<5	<1

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6552 Peregrine Road
Nanaimo BC V9V 1P8 Canada

Project: None Given
Report Date: August 13, 2008

QUALITY CONTROL REPORT VAN08007745.1

	Method	7TX	7TX	7TX	7TX
	Analyte	Li	S	Rb	Hf
	Unit	ppm	%	ppm	ppm
	MDL	0.5	0.5	0.5	0.5
Pulp Duplicates					
813611	Rock	3.3	<0.5	<0.5	2.3
REP 813611	QC	2.9	<0.5	0.6	3.8
813656	Rock	9.0	<0.5	0.6	0.6
REP 813656	QC				
813568	Rock	<0.5	1.8	1.9	<0.5
REP 813568	QC				
Reference Materials					
STD CDN-PGMS-14	Standard				
STD CDN-PGMS-14	Standard				
STD CDN-PGMS-14	Standard				
STD FA10R	Standard				
STD FA10R	Standard				
STD FA10R	Standard				
STD FA10R	Standard				
STD SF-3T	Standard	23.0	3.6	91.1	0.5
STD SF-3T	Standard	23.8	3.7	91.4	<0.5
STD SF-3T	Standard	22.7	3.8	88.2	0.5
STD SF-3T	Standard	20.1	3.8	89.4	0.7
STD CDN-PGMS-14					
STD SF-3T Expected		19.1	3.5	90.8	0.6
STD FA10R Expected					
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank				
BLK	Blank	<0.5	<0.5	<0.5	<0.5

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Project: None Given
Report Date: August 13, 2008

QUALITY CONTROL REPORT VAN08007745.1

		WGHT	3B	3B	3B	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX	7TX
		Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi
		kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	3	2	0.5	0.5	0.5	5	0.5	0.5	1	5	0.01	5	0.5	0.5	5	0.5	0.5	0.5
BLK	Blank					<0.5	<0.5	<0.5	<5	<0.5	<0.5	<1	<5	<0.01	<5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
BLK	Blank		<2	<3	<2																
Prep Wash																					
G1	Prep Blank	<0.01	<2	<3	<2	<0.5	<0.5	19.1	54	<0.5	6.2	6	801	2.46	<5	3.1	6.3	793	<0.5	<0.5	<0.5
G1	Prep Blank	<0.01	<2	<3	<2	<0.5	5.3	19.7	51	<0.5	6.2	5	756	2.35	<5	3.2	6.7	759	<0.5	<0.5	<0.5

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QUALITY CONTROL REPORT VAN08007745.1

		7TX V ppm 10	7TX Ca % 0.01	7TX P % 0.01	7TX La ppm 0.5	7TX Cr ppm 1	7TX Mg % 0.01	7TX Ba ppm 5	7TX Ti % 0.001	7TX Al % 0.01	7TX Na % 0.01	7TX K % 0.01	7TX W ppm 0.5	7TX Zr ppm 0.5	7TX Ce ppm 5	7TX Sn ppm 0.5	7TX Y ppm 0.5	7TX Nb ppm 0.5	7TX Ta ppm 0.5	7TX Be ppm 5	7TX Sc ppm 1
BLK	Blank	<10	<0.01	<0.01	<0.5	<1	<0.01	<5	<0.001	<0.01	<0.01	<0.01	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<5	<1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	53	2.60	0.09	29.7	8	0.74	886	0.244	8.00	2.69	3.08	<0.5	7.4	51	0.9	14.0	24.0	1.1	<5	6
G1	Prep Blank	51	2.54	0.09	26.4	11	0.70	843	0.236	7.71	2.59	2.97	<0.5	8.3	53	1.1	13.1	24.9	1.0	<5	6

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Report Date: August 13, 2008

QUALITY CONTROL REPORT VAN08007745.1

		7TX Li ppm 0.5	7TX S % 0.5	7TX Rb ppm 0.5	7TX Hf ppm 0.5
BLK	Blank	<0.5	<0.5	<0.5	<0.5
BLK	Blank				
Prep Wash					
G1	Prep Blank	37.8	<0.5	135.6	0.5
G1	Prep Blank	29.2	<0.5	120.3	0.7

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PIONEER LABORATORIES INC. #103-2691 VISCOUNT WAY RICHMOND, BC CANADA V6V 2R5 TELEPHONE (604) 231-8165

G E O C H E M I C A L A N A L Y S I S C E R T I F I C A T E

TORCH RIVER RESOURCES LTD.
Project: Three Jays
Sample Type: Soils/Rocks

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na, K and Al. *Au Analysis- 20 gram sample is digested with aqua regia, MIBK extracted, and is finished by AA or graphite furnace AA.

Analyst _____
Report No. 2082062
Date: December 10, 2008

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	Au*
SAMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
L5000E 4925N	.1	3.39	8	<5	39	<10	1.07	<1	26	100	157	5.40	.05	2.61	1478	1	.01	67	.07	33	.05	5	<2	23	<5	0.21	<5	152	87	10
L5000E 4950N	.2	2.97	10	<5	58	<10	.57	<1	27	96	115	5.30	.05	2.20	1611	2	.01	65	.06	23	.03	6	<2	12	<5	0.15	<5	156	78	13
L5000E 4975N	.1	3.55	43	<5	41	<10	.63	2	32	102	159	6.37	.04	2.66	1599	1	.01	76	.07	19	.01	<2	<2	13	<5	0.27	<5	205	122	9
L5000E 5000N	.5	2.13	37	<5	44	<10	.21	1	16	53	90	3.48	.06	.87	1337	3	.01	35	.06	13	.04	<2	<2	6	<5	0.04	<5	116	84	23
L5000E 5025N	.3	4.43	15	<5	46	<10	.41	<1	35	123	180	7.40	.04	3.01	1465	1	.01	88	.08	20	.01	<2	<2	8	<5	0.29	<5	236	110	8
L5000E 5050N	.3	2.46	16	<5	36	<10	.29	<1	11	51	61	4.98	.04	.66	596	3	.01	25	.07	19	.01	<2	<2	6	<5	0.13	<5	186	74	1
L5000E 5075N	.1	1.36	<5	<5	61	<10	.10	<1	5	9	10	1.53	.08	.33	933	2	.01	11	.04	12	.01	<2	<2	2	<5	<0.01	<5	27	60	2
L5000E 5100N	.5	2.76	23	<5	49	<10	.19	<1	20	64	88	4.83	.07	1.43	1098	2	.01	42	.07	14	.02	<2	<2	4	<5	0.02	<5	150	75	24
L5000E 5125N	.2	3.18	39	<5	31	<10	.21	<1	20	67	77	5.32	.06	1.55	1083	8	.01	66	.06	25	.01	<2	<2	5	<5	0.03	<5	164	83	13
L5000E 5150N	.5	3.38	60	<5	37	<10	.27	<1	21	71	70	5.29	.04	1.74	753	4	.01	52	.05	19	.01	5	<2	6	<5	0.02	<5	169	70	2
L5000E 5175N	.5	2.20	71	<5	48	<10	1.38	2	13	39	36	4.40	.04	.89	2289	7	.01	64	.09	36	.03	<2	<2	14	<5	0.03	<5	109	179	28
L5000E 5200N	.7	4.41	447	<5	28	<10	.15	<1	42	68	274	8.38	.05	2.92	853	6	.01	76	.08	28	.03	<2	<2	5	<5	<0.01	<5	339	101	3
L5050E 4975N	.1	1.51	21	<5	59	<10	.07	<1	6	12	69	2.07	.08	.32	302	1	.01	7	.03	11	.01	<2	<2	2	<5	<0.01	<5	34	31	1
L5050E 5000N	.2	1.97	<5	<5	54	<10	.08	<1	5	19	59	2.64	.07	.36	281	1	.01	10	.04	14	.02	<2	<2	2	<5	<0.01	<5	59	37	1
L5050E 5025N	.3	2.11	13	<5	40	<10	.21	<1	8	29	107	3.59	.05	.44	595	2	.01	15	.07	11	.01	<2	<2	5	<5	0.03	<5	105	38	1
L5050E 5050N	.7	2.30	14	<5	33	<10	.39	<1	13	39	503	5.49	.06	.68	734	2	.01	23	.05	17	.01	<2	<2	5	<5	0.08	<5	102	58	3
L5050E 5075N	.8	1.53	113	<5	28	<10	.14	<1	6	16	302	5.80	.05	.12	313	9	.01	4	.06	15	.01	<2	<2	2	<5	<0.01	<5	55	33	52
L5050E 5100N	.9	2.40	66	<5	39	<10	.38	2	22	50	583	6.50	.04	.68	3167	18	.01	55	.10	25	.02	7	<2	7	<5	0.13	<5	144	102	46
L5050E 5125N	.3	2.02	64	<5	28	<10	.14	<1	9	42	37	3.72	.04	.49	265	19	.01	59	.03	15	.01	<2	<2	5	<5	0.01	<5	137	74	1
L5050E 5150N	.5	2.65	255	<5	36	<10	.31	<1	21	83	70	5.69	.02	1.38	876	2	.01	47	.05	14	.02	5	<2	10	<5	0.23	<5	182	64	41
L5050E 5175N	.6	3.90	345	<5	26	<10	.32	<1	27	104	82	6.50	.02	1.89	1244	3	.01	60	.01	18	.01	3	<2	10	5	0.31	<5	200	75	16
L5050E 5200N	.5	1.46	<5	<5	13	<10	.20	<1	10	69	22	5.12	.01	.90	299	1	.01	28	.05	9	.01	<2	<2	7	<5	0.31	<5	212	31	4
L5100E 4900N	.2	1.89	38	<5	48	<10	.22	<1	12	55	80	4.30	.04	.76	390	4	.01	22	.03	10	.02	<2	<2	6	<5	0.07	<5	147	52	1
L5100E 4925N	.1	1.68	25	<5	85	<10	.31	<1	5	9	90	1.80	.10	.26	1024	2	.01	5	.03	12	.01	<2	<2	8	<5	<0.01	<5	24	32	1
L5100E 4950N	.1	1.48	<5	<5	63	<10	.09	<1	3	6	61	1.74	.07	.20	190	2	.01	4	.02	13	.01	3	<2	2	<5	<0.01	<5	21	26	1
L5100E 4975N	.2	2.28	9	<5	87	<10	.44	<1	9	27	254	4.00	.05	.43	1442	2	.01	14	.03	19	.01	<2	<2	11	<5	<0.01	<5	48	35	4
L5100E 5000N	.5	2.59	11	<5	74	<10	1.40	1	19	58	1162	7.28	.05	.69	2512	3	.01	35	.05	17	.02	<2	<2	12	6	<0.01	<5	59	54	8
L5100E 5025N	.4	2.91	72	<5	45	<10	.51	<1	13	45	176	4.95	.02	1.45	1427	6	.01	41	.07	29	.01	2	<2	11	<5	0.06	<5	106	61	7
L5100E 5050N	.5	1.57	29	<5	49	<10	.14	<1	7	10	756	2.88	.02	.20	746	1	.01	4	.03	14	.01	<2	<2	4	<5	<0.01	<5	47	40	20
L5100E 5075N	8.6	1.84	251	<5	51	<10	1.28	6	240	12	>10000	19.31	.05	.48	8010	37	.01	14	.05	61	.57	<2	<2	5	18	0.03	<5	24	308	12
L5100E 5100N	.3	2.12	8	<5	31	<10	.24	<1	12	46	423	4.22	.04	.62	385	3	.01	20	.04	13	.02	2	<2	7	<5	0.08	<5	134	46	11
L5100E 5125N	1.0	3.10	16	<5	17	<10	.14	<1	8	47	107	4.41	.02	.39	213	6	.01	27	.09	17	.02	<2	<2	5	<5	0.17	<5	144	51	3
L5100E 5150N	.2	2.86	71	<5	21	<10	.33	<1	14	62	85	4.65	.05	1.0	440	2	.01	33	.05	14	.01	<2	<2	7	<5	0.26	<5	185	59	1
L5100E 5175N	.4	2.63	10	<5	19	<10	.14	<1	9	70	58	5.98	.04	.58	223	2	.01	17	.06	11	.02	<2	<2	5	<5	0.20	<5	239	46	19
L5100E 5200N	.5	5.18	8	<5	20	<10	.21	<1	15	88	86	5.62	.02	1.12	321	1	.01	33	.05	24	.01	<2	<2	6	<5	0.28	<5	213	60	10
L5150E 4900N	.2	2.11	9	<5	35	<10	.05	<1	5	23	113	2.67	.07	.30	143	2	.01	9	.02	13	.01	<2	<2	1	<5	<0.01	<5	54	24	8
L5150E 4925N	.5	1.49	<5	<5	30	<10	.08	<1	4	12	49	2.27	.06	.28	170	2	.01	4	.02	12	.01	<2	<2	4	<5	<0.01	<5	36	21	1
L5150E 4950N	.6	2.38	21	<5	41	<10	.19	<1	12	46	473	4.01	.07	1.28	472	1	.01	31	.04	17	.06	<2	<2	5	<5	<0.01	<5	81	48	1
L5150E 4975N	.7	1.90	21	<5	36	<10	.37	1	15	44	1467	4.53	.07	.77	605	2	.01	23	.03	18	.07	<2	<2	8	<5	0.03	<5	89	68	11
L5150E 5000N	1.3	3.42	55	<5	19	<10	.27	<1	23	139	2629	8.94	.04	2.70	660	1	.01	69	.06	15	.07	<2	<2	7	<5	0.22	<5	201	74	24
L5150E 5025N	1.1	2.26	10	<5	27	<10	.25	<1	22	91	3454	5.91	.02	1.52	762	1	.01	40	.05	8	.01	<2	<2	9	<5	0.14	<5	197	55	14
L5150E 5050N	.4	2.18	<5	<5	28	<10	.18	<1	11	52	400	4.28	.04	.81	353	2	.01	22	.04	13	.02	<2	<2	5	<5	0.09	<5	150	35	1
L5150E 5075N	.5	2.41	<5	<5	37	<10	.11	<1	12	33	140	3.50	.07	.42	266	1	.01	17	.06	11	.01	<2	<2	3	<5	0.03	<5	127	39	1
L5150E 5100N	.1	2.01	<5	<5	16	<10	.22	<1	10	74	31	5.05	.02	.85	248	1	.01	26	.05	13	.01	6	<2	6	<5	0.23	<5	216	32	1
L5150E 5125N	.5	2.49	<5	<5	17	<10	.24	<1	13	78	38	6.16	.02	.80	331	2	.01	23	.07	14	.01	<2	<2	7	<5	0.28	<5	248	42	1
L5150E 5150N	.6	1.98	18	<5	13	<10	.32	<1	14	102	23	7.30	.02	1.27	444	1	.01	37	.08	10	.01	7	<2	6	12	0.47	<5	344	39	1
L5150E 5175N	.4	3.19	8	<5	17	<10	.20	<1	11	77	68	5.66	.02	.58	251	2	.01	23	.07	16	.01	2	<2	15	6	0.32	<5	222	49	22
L5150E 5200N	.6	2.22	13	<5	12	<10	.22	<1	19	132	32	7.25	.02	1.53	673	1	.01	56	.07	12	.02	<2	<2	11	<5	0.41	<5	306	46	1
L5200E 4925N	.3	2.28	<5	<5	44	<10	.06	<1	4	20	70	2.20	.04	.29	74	6	.01	7	.02	9	.01	4	<2	7	<5	<0.01	<5	82	20	1
L5200E 4950N	.2	2.60	8	<5	22	<10	.21	<1	7	46	79	4.24	.02	.40	186	3	.01	16	.04	11	.02	<2	<2	5	<5	0.20	<5	173	32	1
L5200E 4975N	.4	2.25	<5	<5	22	<10	.20	<1	8	43	55	3.59	.02	.48	158	1	.01	17	.03	10	.01	<2	<2	6	<5	0.16	<5	139	28	1
L5200E 5000N	.3	1.11	<5	<5	25	<10	.12	<1	4	23	22	2.25	.02	.30	120	2	.01	7	.02	5	.01	3	<2	4	<5	0.02	<5	84	15	1
L5200E 5025N	.2	2.54	<5	<5	30	<10	.47	<1	18	73	57	4.28	.04	1.38	387	1	.01	45	.03	14	.01	<2	<2	11	<5	0.18	<5	149	46	1
L5200E 5050N	2.1	2.79	<5	<5	48	<10	.60	<1	60	47	55	3.17	.06	.69	1452	1	.01	32	.04	15	.03	6	<2	14	<5	0.05	<5	101	40	1
L5200E 5075N	1.4	4.93	<5	<5	21	<10	.19	<1	13	91	120	5.40	.02	1.14	282	3	.01	39	.05	24	.03	<2	<2	6	<5	0.25	<5	197	38	4
L5200E 5100N	.4	2.84	<5	<5	17	<10	.16	<1	13	118	68	7.78	.02	1.20	425	1	.01	34	.07	15	.02	<2	<2	7	6	0.27	<5	263	51	1
L5200E 5125N	.5	2.24	<5	<5	18	<10	.21	<1	9	61	44	4.50	.02	.57	252	1	.01	21	.04	11	.02	<2	<2	9	<5	0.26	<5	178	39	1
L5200E 5150N	.2	1.26	<5	<5	15	<10	.24	<1	11	43	21	3.50	.01	.46	454	1	.01	16	.05	12	.01	<2	<2	8	7	0.18	<5	144	33	1
L5200E 5175N	.3	.69	<5	<5	11	<10	.13	<1	3	25	10	2.77	.02	.21	116	2	.01	6	.02	6	.01	<2	<2	5	<5	0.20	<5	133	15	1
L5200E 5200N	.4	2.97	<5	<5	15	<10	.19	<1	10	76	43	5.57	.02	.88	252	1	.01	26	.06	14	.02	3	<2	6	<5	0.25	<5	199	41	1
L5250E 4900N	.2	2.22	11	<5	46	<10	.13	<1	9	28	40	2.65	.08	.76	278	1	.01	16	.02	16	.01	<2	<2	4	<5	0.01	<5	67	24	1
L5250E 4925N	.1	1.63	<5	<5	221	<10	.35	<1	18	9	348	1.78	.10	.32	933	2	.01	5	.04	14	.02	<2	<2	17	<5	0.02	<5	31	22	1
L5250E 4950N	.3	2.62	<5	<5	33	<10	.21	<1	16	82	32	4.55	.07	1.72	480	1	.01	46	.03	13	.01	<2	<2	7	<5	0.07	<5	154	45	1
L5250E 4975N	.1	2.49	<5	<5	27	<10	.20	<1	12	55	41	3.89	.05	1.05	295	1	.01	31	.03	15	.01	7	<2	4	<5	0.06	<5	130	40	1
L5250E 5000N	.3	2.72	<5	<5	32	<10	.35	<1	18	92	71	4.92	.04	1.66	400	2	.02	50	.04	12	.01	<2	<2	8	<5	0.25	<5	188	47	1
L5250E 5025N	.3	1.24	7	<5	14	<10	.13	<1	8	33	14	3.92	.04	.55	171	1	.01	15	.02	10	.01	<2	<2	3	7	0.22	<5	186	20	4
L5250E 5050N	.3	1.66	<5	<5	27	<10	.24	<1	9	51	17	4.0	.02	.79	196	1	.01	21	.04	13	.02	<2	<2	6	<5	0.16	<5	160	27	1
L5250E 5075N	.1	1.19	<5	<5	33	<10	.18	<1	11	22	15	2.16	.03	.32	446	2	.01	11	.02	8	.01	<2	<2	5	<5	0.04	<5	71	28	1
L5250E 5100N	.2	1.39	17	<5	19	<10	.25	<1	8	45	19	4.19	.04	.54	199	1	.01	15	.03	7	.03	<2	<2	6	6	0.22	<5	197	23	1
L5250E 5125N	.4	1.76	6	<5	14	<10	.52	<1	12	57	32	4.80	.02	.91	366	1	.01	25	.03	9	.01	2	<2	8	<5	0.27	<5	198	35	35

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	Au*
SAMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
L5250E 5150N	.3	1.68	8	<5	20	<10	.21	<1	11	51	20	4.83	.02	.75	273	1	.01	19	.01	9	.01	4	<2	5	<5	0.23	<5	186	27	2
L5250E 5175N	.4	1.81	7	<5	16	<10	.24	<1	9	73	21	4.40	.02	1.06	266	1	.01	27	.03	6	.01	3	<2	8	<5	0.25	<5	188	29	6
L5250E 5200N	.2	1.51	<5	<5	19	<10	.20	<1	14	77	20	5.55	.01	.91	974	1	.01	31	.04	11	.01	<2	<2	7	6	0.34	<5	230	31	1
L5300E 4800N	.2	1.11	<5	<5	35	<10	.03	<1	5	10	49	1.43	.08	.24	336	2	.01	7	.02	7	.02	<2	<2	1	<5	<0.01	<5	23	13	4
L5300E 4825N	.1	1.13	8	<5	42	<10	.06	<1	3	12	9	1.35	.07	.25	161	1	.01	4	.03	5	.01	<2	<2	2	<5	<0.01	<5	28	11	6
L5300E 4850N	.1	2.95	10	<5	65	<10	.25	<1	18	98	50	4.59	.05	1.78	526	1	.01	55	.03	11	.02	6	<2	6	<5	0.11	<5	138	39	1
L5300E 4875N	.4	2.90	<5	<5	48	<10	.17	<1	19	102	47	4.70	.06	1.72	560	1	.01	57	.04	13	.01	<2	<2	4	<5	0.10	<5	145	45	1
L5300E 4900N	.7	1.36	<5	<5	47	<10	.09	1	5	19	16	1.58	.05	.34	147	3	.01	9	.03	11	.01	2	<2	5	<5	0.01	<5	43	16	1
L5300E 4925N	.4	2.29	<5	<5	54	<10	.35	<1	14	70	35	3.80	.07	1.43	353	1	.02	35	.03	12	.01	3	<2	7	<5	0.17	<5	118	38	1
L5300E 4950N	.2	3.13	<5	<5	50	<10	.28	<1	17	108	64	5.91	.05	1.64	398	1	.01	47	.05	16	.03	<2	<2	6	<5	0.24	<5	203	47	1
L5300E 4975N	.5	4.92	<5	<5	23	<10	.34	<1	23	152	103	7.53	.02	2.27	488	2	.01	73	.06	21	.04	<2	<2	5	<5	0.44	<5	259	66	1
L5300E 5000N	.7	5.58	<5	<5	19	<10	.62	<1	38	213	146	9.43	.01	4.73	796	9	.01	122	.04	15	.01	<2	<2	7	<5	0.59	<5	292	101	1
L5300E 5025N	.8	5.38	<5	<5	23	<10	.58	<1	37	206	145	9.29	.02	4.47	677	4	.01	115	.04	19	.01	<2	<2	8	<5	0.43	<5	287	93	6
L5300E 5050N	.6	3.55	<5	<5	19	<10	.29	<1	18	116	54	7.52	.03	1.85	307	2	.01	48	.03	17	.02	<2	<2	6	<5	0.35	<5	246	45	3
L5300E 5075N	.4	2.58	29	<5	23	<10	.43	3	21	63	35	5.54	.02	1.03	878	2	.02	30	.05	8	.01	2	<2	8	<5	0.33	13	215	49	10
L5300E 5100N	.5	6.58	<5	<5	26	<10	.46	4	49	118	123	5.62	.02	.59	473	1	.01	38	.06	18	.03	<2	10	16	<5	0.40	14	230	79	4
L5300E 5125N	.8	3.16	20	<5	17	<10	.19	3	11	80	72	6.28	.04	.81	279	1	.01	27	.04	11	.01	6	<2	8	<5	0.26	<5	217	38	245
L5300E 5150N	1.2	6.22	12	<5	31	<10	.45	5	18	124	79	10.73	.05	1.49	499	2	.01	41	.08	13	.03	10	<2	10	<5	0.55	<5	391	64	26
L5300E 5175N	.7	4.44	<5	<5	38	<10	.54	4	20	118	104	10.63	.06	1.86	611	2	.02	51	.11	12	.02	9	<2	15	<5	0.54	<5	394	71	1
L5300E 5200N	1.0	5.90	<5	<5	40	<10	.36	6	19	134	114	11.05	.05	1.47	463	1	.01	49	.07	10	.03	<2	<2	12	<5	0.35	7	391	66	1
TJ08-AR1 (Rock)	2.2	5.82	139	6	17	16	15.49	11	74	28	4960	14.83	.03	1.48	2182	32	.01	7	.05	8	1.15	13	<2	176	<5	<0.01	<5	24	85	18
TJ08-AR2 (Rock)	17.4	.53	93	5	5	31	5.50	32	374	33	**>10000**	44.77	.02	.16	804	2	.01	1	.04	16	>10	16	<2	18	<5	<0.01	<5	30	432	19
TJ08-AR3 (Rock)	22.0	1.20	70	<5	20	<10	1.30	10	130	30	>10000	16.90	.01	.20	1400	5	.01	5	.01	2	4.50	<2	<2	20	<5	<0.01	<5	<1	920	250
TJ08-AR4 (Rock)	36.0	.10	10	<5	1	<10	3.90	5	70	10	>10000	14.70	.01	.10	3470	4	.01	10	.01	2	4.95	<2	<2	20	<5	<0.01	<5	<1	510	185
TJ08-AR5 (Rock)	5.8	.32	538	32	6	37	4.02	20	85	26	2420	29.57	.04	.30	8342	33	.01	1	.04	10	4.62	36	<2	27	<5	<0.01	<5	29	103	390

PIONEER LABORATORIES INC #103-2691 VISCOUNT WAY RICHMOND, BC CANADA V6V 2R5 TEL.(604)231-8165

A S S A Y C E R T I F I C A T E

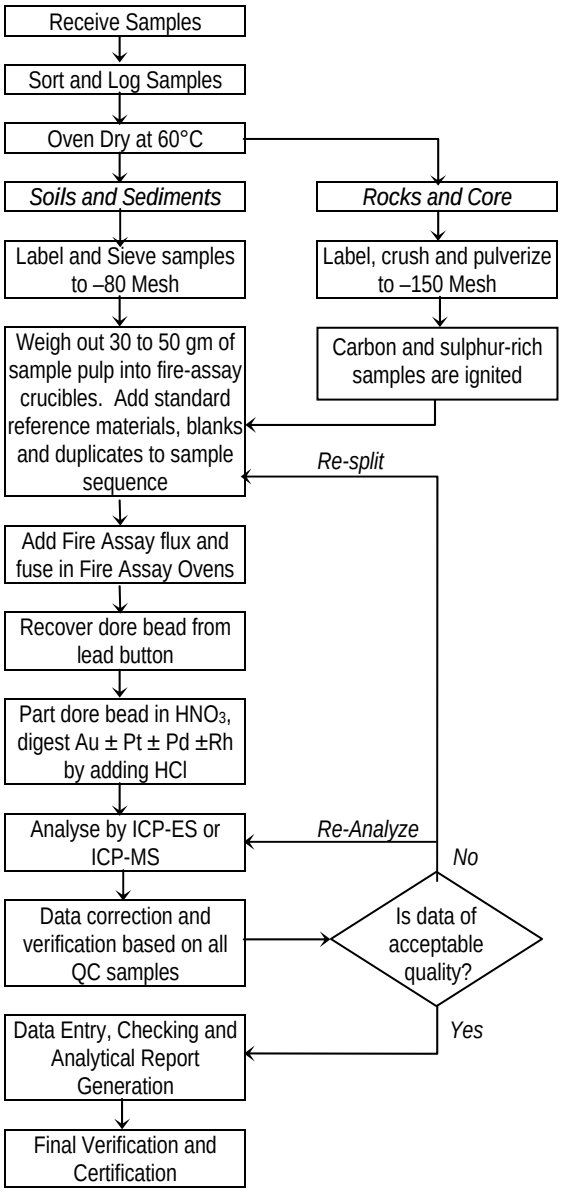
Cu Analysis - 1.000 gm sample is digested with 50 ml of aqua regia, diluted to 100 ml with water and is finished by AA.

TORCH RIVER RESOURCES LTD.
Project: Three Jays
Report No. 2082062A
Sample Type: Rocks
Date: December 10, 2008

ELEMENT	Cu
SAMPLE	%
TJ08-AR1	0.45
TJ08-AR2	7.20
TJ08-AR3	2.03
TJ08-AR4	3.12
TJ08-AR5	0.20

METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 3B & 3B-MS - PRECIOUS METALS BY FIRE GEOCHEM

Analytical Process



Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh ASTM (-177 m). Rocks and drill core are crushed and pulverized to 95% -150 mesh ASTM (-100 μm). Splits of 30 gm (client may select 50 gm option) are weighed into fire assay crucibles. Quality control samples comprising blanks, duplicates and reference materials OxF41 or FA-100S (Rocklabs CRM and in-house standard reference materials) added to each batch of 34 samples monitor background, precision and accuracy, respectively.

Sample Digestion

A fire assay charge comprising fluxes, litharge and a Ag inquart is custom mixed for each sample. Fusing at 1050°C for 1 hour liberates Au, Ag, Pt, Pd and Rh. The Pb button is recovered after cooling and cupeled at 950°C to render a Ag ±Au ±Pt ±Pd ±Rh dore bead. After weighing, the bead is parted in HNO_3 leaving Au (± PGE) sponge. Adding concentrated HCl dissolves the sponges.

Sample Analysis

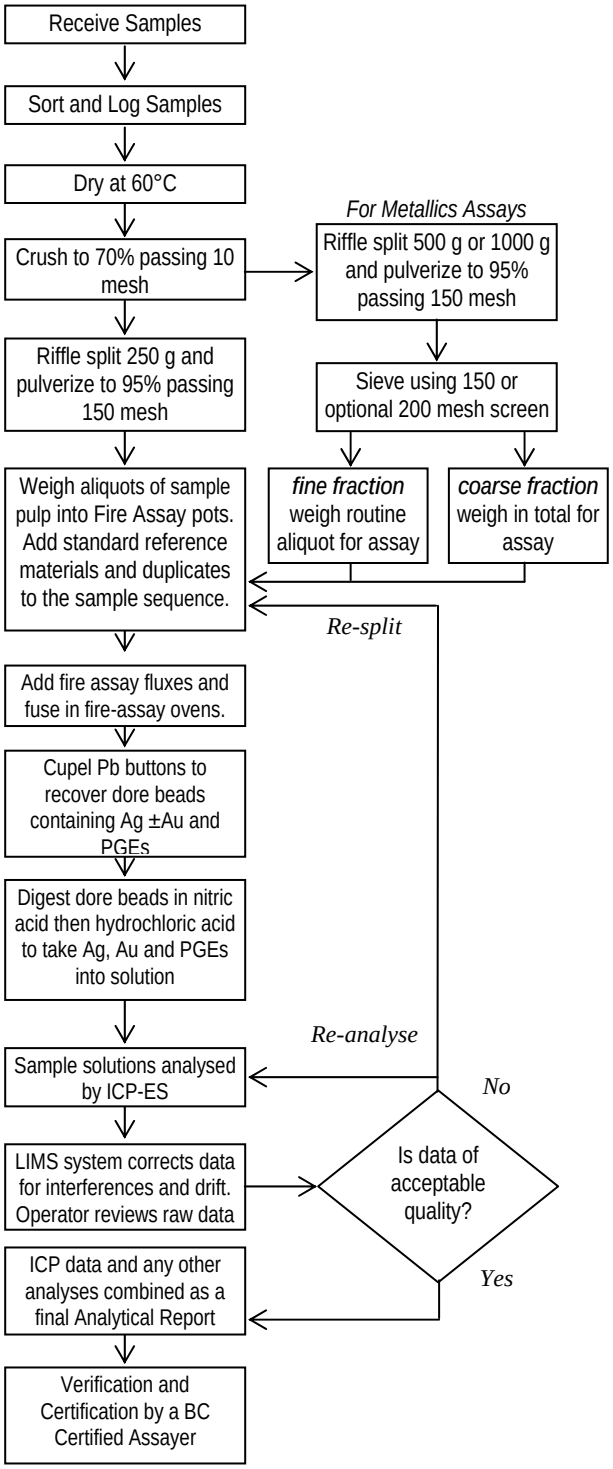
Solutions are analysed by ICP-ES (Jarrel Ash AtomComp model 800 or 975) analysis of the solutions to determine Au, Pt, and Pd. Group 3B-MS analyses the same solutions by ICP-MS (Perkin Elmer Elan 6000) to determine Au, Pt, Pd and Rh to much lower detection limits. Owing to the limited solubility of Rh in a Ag inquart, results are qualitative.

Data Evaluation

Data is inspected by the Fire Assay Supervisor then undergoes final verification by a British Columbia Certified Assayer who signs the Analytical Report before release to the client.

METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE
GROUP 6 – PRECIOUS METALS ASSAY

Analytical Process



Comments

Sample Preparation

Rock and drill core are jaw crushed to 70% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 95% passing 150 mesh (100 μm) in a mild-steel ring-and-puck mill. One assay ton aliquots (29.2 g) are weighed into fire assay crucibles. Option for 2 assay-ton aliquots is available on request. Smaller aliquots of ¼ or ½ assay ton may be required with difficult ore matrices.

Metallics Assay: A 500 g reject split (or optional 1000 g) is pulverized to 95% passing 150 mesh. Screening the pulp gives a fine and coarse fraction (containing any coarse gold) for assaying.

Sample Digestion

The sample aliquot is custom blended with fire assay fluxes, PbO litharge and a Ag inquart. Firing the charge at 1050°C liberates Au, Ag ± PGEs that report to the molten Pb-metal phase. After cooling the Pb button is recovered placed in a cupel and fired at 950°C to render a Ag ± Au ± PGEs dore bead. The bead is weighed and parted (i.e. leached in 1 mL of hot HNO_3) to dissolve Ag leaving a Au sponge. Adding 10 mL of HCl dissolves the Au ± PGE sponge.

Sample Analysis

Solutions are analysed for Ag, Au, Pt and Pd on a Jarrel-Ash Atomcomp model 975 ICP emission spectrometer. Au in excess of 30 g/t forms a large sponge that can be weighed (gravimetric finish). Ag in excess of 100 g/t is reported from the fire assay, otherwise a separate split is digested in aqua regia and analysed by ICP-ES (Group 7AR).

Metallics Assay: The coarse fraction is assayed in total. An aliquot of the fine fraction is assayed. Results report the total Au in the coarse fraction, the fine-fraction Au concentration and a weighted average Au concentration for the entire sample.

Quality Control and Data Verification

An Analytical Batch (1 page) comprises 34 samples. QA/QC protocol incorporates a sample-prep blank (G-1) as the first sample carried through all stages of preparation to analysis, a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only), two reagent blanks to measure background and aliquots of Rocklabs Certified Reference Materials like SL20 to monitor accuracy.

Raw and final data undergo a final verification by a British Columbia Certified Assayer who signs the Analytical Report before it is released to the client.

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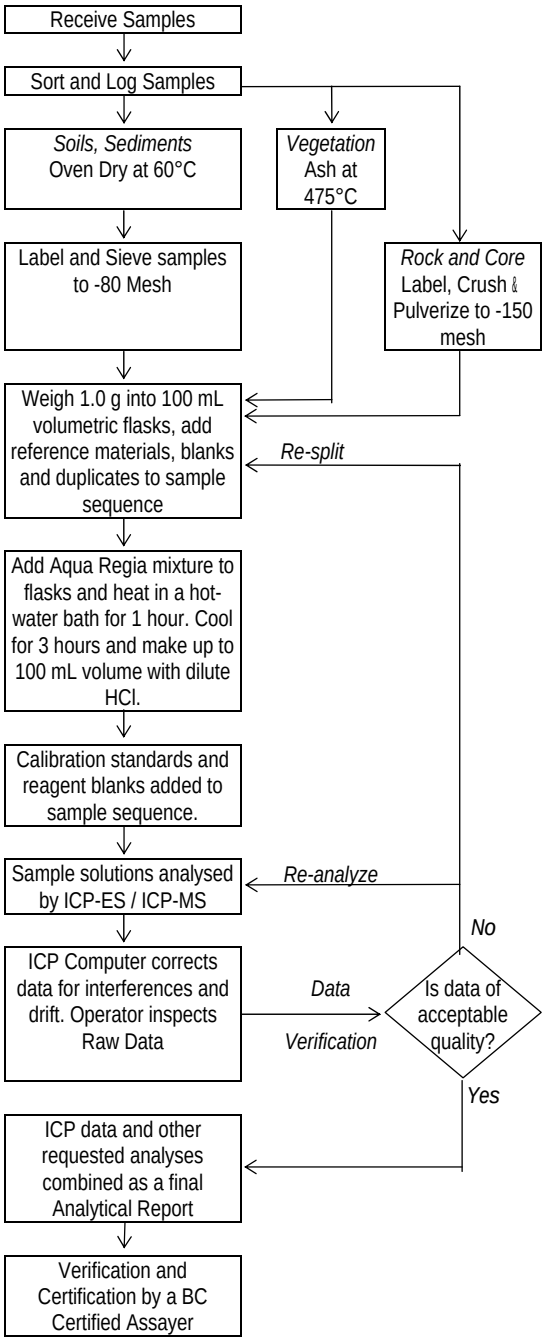
FM 63007
Vancouver 2003

METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE
GROUP 7AX – MULTI-ELEMENT ASSAY BY ICP-ES • AQUA REGIA DIGEST

Analytical Process



Comments

Sample Preparation

Assaying is warranted for representative well-mineralized samples (eg. Cu > 1%). Samples are dried at 60°C. Soil, sediment and moss mats (after pounding) are sieved to -80 mesh (-177 μm). Vegetation is dried (60°C) and pulverized or ashed (475°C). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g aliquot is riffle split and pulverized to 95% passing 150 mesh (100 μm) in a mild-steel ring-and-puck mill. Aliquots of 1.000 ± 0.002 g are weighed into 100 mL volumetric flasks. Acme's QA/QC protocol requires one pulp duplicate to monitor analytical precision and a blanks and aliquot of in-house reference material STD SF-2a to monitor accuracy in each batch of 36 samples. Trench and drill core programs will also include a pulp made from a 2nd crushed fraction split (rejects duplicate) to measure method precision.

Sample Digestion

30 mL of Aqua Regia, a 2:2:2 mixture of ACS grade concentrated HCl, concentrated HNO_3 and de-mineralised H_2O, is added to each sample. Samples are digested for one hour in a hot water bath (>95°C). After cooling for 3 hrs, solutions are made up to volume (100 mL) with dilute (5%) HCl. Very high-grade samples may require a 1 g to 250 mL or 0.25 g to 250 mL sample/solution ratio for accurate determination. Acme's QA/QC protocol requires simultaneous digestion of two regent blanks inserted in each batch.

Sample Analysis

Solutions are aspirated into a Spectro Ciros Vision ICP atomic-emission spectrometer followed by analysis by Perkin Elmer Elan 6000 or 9000 ICP Mass spectrometer analysed for a 35 element package comprising: Ag, Al, As, Ba, Bi, Ca, Cd, Ce, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Se, Sr, Th, Ti, Tl, U, V, W and Zn. Very high grade samples may require a 0.4 g to 100 mL or 0.25 g to 250 mL sample to solution ratio for accurate determination.

Data Evaluation

Raw and final data undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client.

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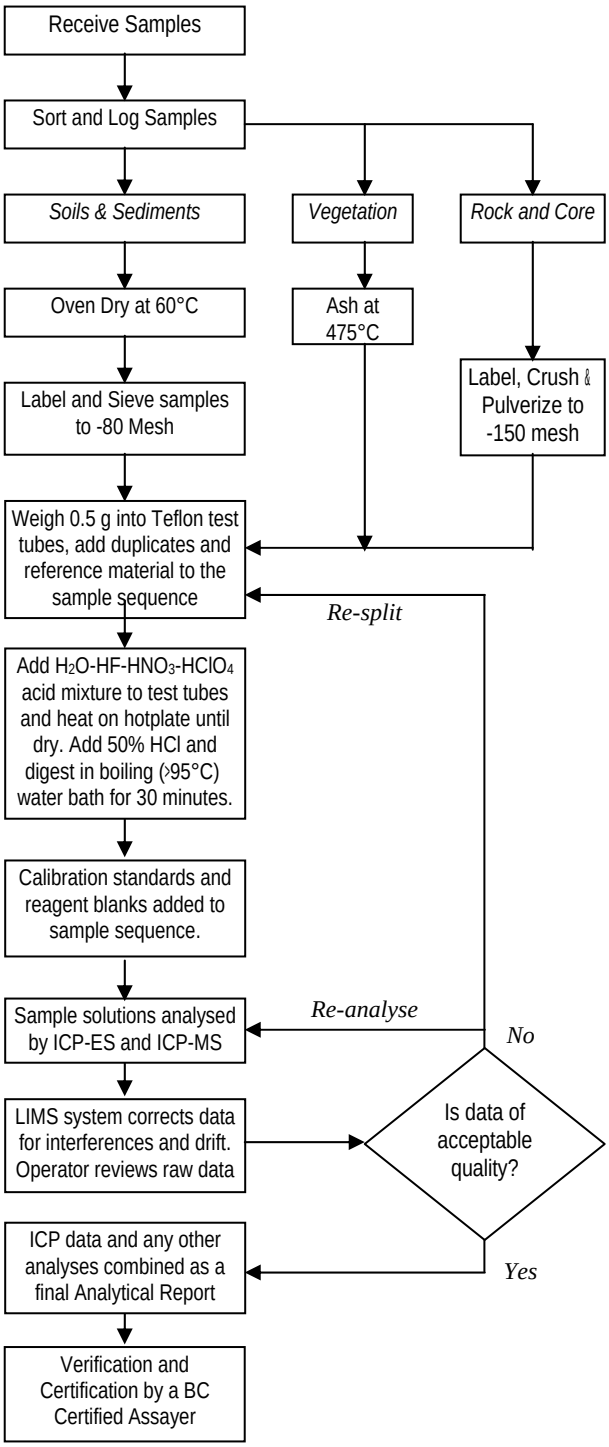
METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE
GROUP 7TX – MULTI-ELEMENT ASSAY BY ICP-ES/MS • 4-ACID DIGESTION

Analytical Process



Comments

Sample Preparation

All samples are dried at 60°C. Soil and sediment are sieved to -80 mesh (-177 μm). Moss-mats are disaggregated then sieved to yield -80 mesh sediment. Vegetation is pulverized or ashed (475°C). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 95% passing 150 mesh (100 μm) in a mild-steel ring-and-puck mill. Pulp splits of 0.5 g are weighed into Teflon test tubes.

Sample Digestion

A 20 mL aliquot of the acid solution (2:2:1:1 H_2O-HF-$HClO_4$-HNO_3) is added, heated until fuming on a hot plate and taken to dryness. A 16 mL aliquot of 50% HCl is added to the residue and heated in a hot-water bath (~95°C) for 30 minutes. After cooling the solutions are transferred to 100 mL volumetric flasks and made to volume with 5% HCl.

Sample Analysis

Solutions are aspirated into a Jarrel Ash Atomcomp model 800 or 975 or Spectro Ciros Vision ICP atomic-emission spectrometer followed by analysis by Perkin Elmer Elan 6000 or 9000 ICP Mass spectrometer analysed for a 40 element package comprising: Ag, Al, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cu, Fe, Hf, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, S, Sb, Sc, Sn, Sr, Ta, Th, Ti, U, V, W, Y, Zn and Zr. Very high grade samples may require a 0.4 g to 100 mL or 0.25 g to 250 mL sample to solution ratio for accurate determination.

Quality Control and Data Verification

An Analytical Batch (1 page) comprises 33 samples. QA/QC protocol incorporates a sample-prep blank (G-1) carried through all stages of preparation and analysis as the first sample, a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only), two reagent blanks to measure background and aliquots of in-house Standard Reference Materials like STD SF-2t to monitor accuracy.

Raw and final data undergo a final verification by a British Columbia Certified Assayer who signs the Analytical Report before it is released to the client.

Appendix 3

Magnetometer Data

2008 Magnetometer Locations and Readings for Nahmint Project

Date	Sampler	Property	Easting	Northing	Elev.	Grid Location	Readings
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433735.0	no record	L5000E 4950N	54374.10
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433747.5	no record	L5000E 4862.5N	54366.47
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433760.0	no record	L5000E 4975N	54423.45
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433772.5	no record	L5000E 4987.5N	54423.21
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433785.0	no record	L5000E 5000N	54394.37
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433797.5	no record	L5000E 5012.5N	54423.88
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433810.0	no record	L5000E 5025N	54423.45
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433822.5	no record	L5000E 5037.5N	54423.09
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433835.0	no record	L5000E 5050N	54382.40
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433847.5	no record	L5000E 5062.5N	54391.79
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433860.0	no record	L5000E 5075N	54415.40
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433872.5	no record	L5000E 5087.5N	54435.38
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433885.0	no record	L5000E 5100N	54424.21
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433897.5	no record	L5000E 5112.5N	54450.10
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433910.0	no record	L5000E 5125N	54411.54
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433922.5	no record	L5000E 5137.5N	54434.46
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433935.0	no record	L5000E 5150N	54394.44
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433947.5	no record	L5000E 5162.5N	54353.88
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433960.0	no record	L5000E 5175N	54494.36
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433972.5	no record	L5000E 5187.5N	54514.00
Oct 20-23/2008	Kikauka, A	Nahmint	366195	5433985.0	no record	L5000E 5200N	54547.37
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Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433747.5	no record	L5050E 4962.5N	54350.96
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433760.0	no record	L5050E 4975N	54342.47
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433772.5	no record	L5050E 4987.5N	54330.02
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Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433797.5	no record	L5050E 5012.5N	54342.68
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433810.0	no record	L5050E 5025N	54356.60
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433822.5	no record	L5050E 5037.5N	54374.57
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433835.0	no record	L5050E 5050N	54410.84
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433847.5	no record	L5050E 5062.5N	54494.07
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433860.0	no record	L5050E 5075N	54444.44
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433872.5	no record	L5050E 5087.5N	54455.55
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433885.0	no record	L5050E 5100N	54529.09
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433897.5	no record	L5050E 5112.5N	54379.47
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433910.0	no record	L5050E 5125N	54416.10
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433922.5	no record	L5050E 5137.5N	54368.63
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433935.0	no record	L5050E 5150N	54377.42
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433947.5	no record	L5050E 5162.5N	54373.34
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433960.0	no record	L5050E 5175N	54453.59
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433972.5	no record	L5050E 5187.5N	54452.52
Oct 20-23/2008	Kikauka, A	Nahmint	366245	5433985.0	no record	L5050E 5200N	54532.00
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Oct 20-23/2008	Kikauka, A	Nahmint	366295	5433722.5	no record	L5100E 4937.5N	54302.78
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Oct 20-23/2008	Kikauka, A	Nahmint	366295	5433747.5	no record	L5100E 4962.5N	54319.78
Oct 20-23/2008	Kikauka, A	Nahmint	366295	5433760.0	no record	L5100E 4975N	54333.05
Oct 20-23/2008	Kikauka, A	Nahmint	366295	5433772.5	no record	L5100E 4987.5N	54344.44
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Oct 20-23/2008	Kikauka, A	Nahmint	366295	5433897.5	no record	L5100E 5112.5N	54435.33
Oct 20-23/2008	Kikauka, A	Nahmint	366295	5433910.0	no record	L5100E 5125N	54470.83

2008 Magnetometer Locations and Readings for Nahmint Project

Date	Sampler	Property	Easting	Northing	Elev.	Grid Location	Readings
Oct 20-23/2008	Kikauka, A	Nahmint	366295	5433922.5	no record	L5100E 5137.5N	54385.26
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Oct 20-23/2008	Kikauka, A	Nahmint	366295	5433960.0	no record	L5100E 5175N	54736.68
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Oct 20-23/2008	Kikauka, A	Nahmint	366345	5433760.0	no record	L5150E 4975N	54357.40
Oct 20-23/2008	Kikauka, A	Nahmint	366345	5433772.5	no record	L5150E 4987.5N	54322.79
Oct 20-23/2008	Kikauka, A	Nahmint	366345	5433785.0	no record	L5150E 5000N	54363.61
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Oct 20-23/2008	Kikauka, A	Nahmint	366345	5433872.5	no record	L5150E 5087.5N	54433.44
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Oct 20-23/2008	Kikauka, A	Nahmint	366345	5433947.5	no record	L5150E 5162.5N	54438.34
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Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433710.0	no record	L5200E 4925N	54353.73
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433722.5	no record	L5200E 4937.5N	54377.58
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433735.0	no record	L5200E 4950N	54344.91
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433747.5	no record	L5200E 4962.5N	54341.47
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433760.0	no record	L5200E 4975N	54404.69
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Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433785.0	no record	L5200E 5000N	54383.93
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Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433835.0	no record	L5200E 5050N	54376.67
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433847.5	no record	L5200E 5062.5N	54348.15
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433860.0	no record	L5200E 5075N	54392.37
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433872.5	no record	L5200E 5087.5N	54398.83
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433885.0	no record	L5200E 5100N	54450.80
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433897.5	no record	L5200E 5112.5N	54592.49
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433910.0	no record	L5200E 5125N	54741.67
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433922.5	no record	L5200E 5137.5N	54863.68
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433935.0	no record	L5200E 5150N	54701.63
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433947.5	no record	L5200E 5162.5N	54740.74
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433960.0	no record	L5200E 5175N	54809.97
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433972.5	no record	L5200E 5187.5N	54953.95
Oct 20-23/2008	Kikauka, A	Nahmint	366395	5433985.0	no record	L5200E 5200N	54845.54
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433685.0	no record	L5250E 4900N	54324.61
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433697.5	no record	L5250E 4912.5N	54322.93
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433710.0	no record	L5250E 4925N	54318.10

2008 Magnetometer Locations and Readings for Nahmint Project

Date	Sampler	Property	Easting	Northing	Elev.	Grid Location	Readings
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433722.5	no record	L5250E 4937.5N	54306.31
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433735.0	no record	L5250E 4950N	54319.85
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433747.5	no record	L5250E 4962.5N	54305.06
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433760.0	no record	L5250E 4975N	54347.47
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433772.5	no record	L5250E 4987.5N	54357.65
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433785.0	no record	L5250E 5000N	54332.97
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433797.5	no record	L5250E 5012.5N	54367.12
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433810.0	no record	L5250E 5025N	54372.85
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433822.5	no record	L5250E 5037.5N	54420.38
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433835.0	no record	L5250E 5050N	54429.11
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433847.5	no record	L5250E 5062.5N	54418.80
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433860.0	no record	L5250E 5075N	54340.91
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433872.5	no record	L5250E 5087.5N	54333.27
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433885.0	no record	L5250E 5100N	54382.38
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433897.5	no record	L5250E 5112.5N	54578.21
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433910.0	no record	L5250E 5125N	54781.11
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433922.5	no record	L5250E 5137.5N	54840.45
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433935.0	no record	L5250E 5150N	54327.96
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433947.5	no record	L5250E 5162.5N	54659.10
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433960.0	no record	L5250E 5175N	54537.00
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433972.5	no record	L5250E 5187.5N	54454.29
Oct 20-23/2008	Kikauka, A	Nahmint	366445	5433985.0	no record	L5250E 5200N	54529.59
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433585.0	no record	L5300E 4800N	54319.65
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433597.5	no record	L5200E 4812.5N	54322.06
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433610.0	no record	L5300E 4825N	54309.49
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433622.5	no record	L5200E 4837.5N	54298.54
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433635.0	no record	L5300E 4850N	54313.19
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433647.5	no record	L5300E 4862.5N	54301.35
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433660.0	no record	L5300E 4875N	54312.63
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433672.5	no record	L5200E 4887.5N	54311.50
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433685.0	no record	L5300E 4900N	54304.61
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433697.5	no record	L5300E 4912.5N	54305.80
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433710.0	no record	L5300E 4925N	54299.14
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433722.5	no record	L5200E 4937.5N	54324.01
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433735.0	no record	L5300E 4950N	54338.70
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433747.5	no record	L5200E 4962.5N	54336.62
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433760.0	no record	L5300E 4975N	54354.35
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433772.5	no record	L5300E 4987.5N	54393.13
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433785.0	no record	L5300E 5000N	54439.79
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433797.5	no record	L5300E 5012.5N	54390.12
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433810.0	no record	L5300E 5025N	54347.75
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433822.5	no record	L5300E 5037.5N	54369.07
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433835.0	no record	L5300E 5050N	54348.60
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433847.5	no record	L5300E 5062.5N	54319.50
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433860.0	no record	L5300E 5075N	54310.65
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433872.5	no record	L5300E 5087.5N	54318.37
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433885.0	no record	L5300E 5100N	54388.75
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433897.5	no record	L5300E 5112.5N	54373.21
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433910.0	no record	L5300E 5125N	54723.32
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433922.5	no record	L5300E 5137.5N	54751.54
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433935.0	no record	L5300E 5150N	54807.93
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433947.5	no record	L5300E 5162.5N	54437.80
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433960.0	no record	L5300E 5175N	54563.56
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433972.5	no record	L5300E 5187.5N	54727.43
Oct 20-23/2008	Kikauka, A	Nahmint	366495	5433985.0	no record	L5300E 5200N	54734.34
AVERAGE							**54429.86**