

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Prospecting, PAC withdrawal

TOTAL COST: \$49,381.18

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

SIGNATURE(S):



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

YEAR OF WORK: 2012

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5395606, 5395612 / July 23, 2012

PROPERTY NAME: Macktush

CLAIM NAME(S) (on which the work was done): 323119, 323122, 382850, 398841, 398863, 518164, 530257, 530258, 604996

COMMODITIES SOUGHT: copper, silver, gold, molybdenum, rhenium

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092F012,-103,-155,-168,-221,-360,-361,-362,-412,-549,-550,-551,-553,-555

MINING DIVISION: Alberni

NTS/BCGS: 092F/02W / 092F006,-016,-026

LATITUDE: 49 ° 11 '14 " LONGITUDE: 124 ° 53 '38 " (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.

2)

MAILING ADDRESS:

2802 - 1188 Howe Street

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

mafic volcanics, felsic intrusives, basalt, granodiorite, quartz diorite, jurassic, triassic, eocene, silicification, chloritization, skarn, porphyry, epithermal, pyrite, chalcopyrite, bornite, molybdenite, copper, gold, silver

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 477, 1591, 5650, 5951, 6393, 6956, 9313, 9356, 10288, 11337, 12052, 12242, 12872, 13949, 15037, 15038, 15169, 15658, 15780, 15970, 16918, 17441, 17557, 18771, 18346,

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	0.001 hectares	398841	0
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	21 samples for multi-element ICP and gold FA	323199, 398841, 530258, 604996	910.46
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying		323199, 398841, 530258, 604996	4,534.70
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	1:100 scale, 2,000 hectares	323199,398841,530258,604996,others	39,306.25
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other	research, map copies, technical report		4,629.76
		TOTAL COST:	49,381.18

**2012 Assessment Report for
Prospecting, Geochemistry and Geology**

April 2012 - July 2012

**BC Geological Survey
Assessment Report
33217**

On the

Macktush Property

Alberni Mining Division

**BCGS 092F006, 092F016 and 092F026
NTS 092F/02W**

**UTM Zone 10N 5450000N 362000E
49⁰ 11' 14" N 124⁰ 53' 38" W**

For

Nahminto Resources Ltd.

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

Report written by

Jacques Houle, P.Eng.

Mineral Exploration Consulting

6552 Peregrine Road, Nanaimo, B.C. V9V 1P8

August 19, 2012



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Introduction

Property location, access and physiography

The Macktush Property is located in NTS 092F02W, and situated in the Alberni Mining Division. The property is centred approximately 10 kilometres southwest of Port Alberni at Latitude 49° 11' North, Longitude 124° 54' West, or at UTM Zone 10 5450000 North 362000 East. The mineral claims that constitute the Property are contiguous, but contain two internal gaps, one due to a pre-existing Indian Reserve, and another due to a no staking reserve which post-dates the legacy mineral claims, but pre-dates the cell mineral claims. Therefore, the legacy claims in this area have been maintained and not converted to cell claims.

The Macktush property is easily accessed by a series of paved and gravel roads branching from the Pacific Rim Highway (Provincial Highway No. 4 also known as River Road) that runs between Port Alberni and Sproat Lake. The property can also be accessed by boat from Port Alberni, making use of occasional outwash beaches and embayments on the eastern limits of the property which are bounded by the tidewaters of the Alberni Inlet. An extensive network of active and deactivated forest access and logging roads exist within the Property, and provide excellent access to many portions of the Property.

The terrain over the Property consists mainly of steep-sided mountains with gentler topography in river valleys and areas of low elevation. Elevations range from 0 to 1,160 metres. The property is covered by a mixed forest of coniferous prime timber interspersed with second-growth forests and scattered clear-cut logged areas, with abundant streams and creeks in valleys. The climate is temperate coastal, cool and wet, with windstorms in late fall, and thick snow cover in the higher elevations from November to April, which may curtail exploration work. Temperatures range from highs of 25°C in the summer to lows of -10°C in the winter. There are typically hot dry spells in the summer when exploration work may be prevented due to forest fire hazard. The best time for exploration work is from April to October, with optimal months being June, July and September.

Port Alberni is a resource-based community of approximately 18,790 people with a sheltered deep sea port accessing the Pacific Ocean, and a paved highway accessing the rest of Vancouver Island. An underutilized railway network also exists between most of the major communities on the island, including Port Alberni. Various companies are actively logging portions of the property area and one of them holds surface rights over the north-east and eastern mineral claims of Macktush Property, as well as foreshore leases for booming cut logs along the shores of Alberni Inlet. Main haul roads and forest access roads throughout the property are maintained by various logging companies and the BC Ministry of Forests, Lands and Natural Resource Operations.

There are two aboriginal bands based in Port Alberni with interests and unsettled land claims for traditional territories that may cover portions of the Property, including the Hupacasath and the Tseshaht First Nations. The extreme southwestern portion of the Macktush Property is covered by treaty related lands of the Maa-nulth First Nations, established in 2011.

Property definition, owner, operator, geology and history

The Macktush Property is comprised of 43 contiguous mineral claims covering about 18,200 hectares, consisting of 20 legacy claims covering 8225 hectares and 23 cell claims covering 10475 hectares, held 100% held by Nahminto (see Table 1 below and Figure 1). On February 28, 2012 Nahminto acquired 100% interest in the Macktush Property from G4G for a 1% net smelter return. On April 2, 2012, World Organics executed a letter of intent to acquire up to a 90% interest in the Macktush Property from Nahminto for \$500,000 in cash payments, 5 million common shares, and \$5 million in exploration expenditures, staged in increments over five years, plus 2% net smelter return. The 2% net smelter return can be purchased for \$2 million, and includes the 1% payable to G4G. Upon completion of all commitments and final execution of the option agreement by World Organics, a joint venture will be formed with World Organics holding a 90% interest and Nahminto a 10% interest in the Macktush Property. However, as of the date of this report WOI has not fulfilled any of the terms of the option joint venture agreement, so Nahminto funded the work program covered by this report.

Table 1 – Macktush Property Mineral Claims Tenure Status

Tenure No.	Tenure Type	Owner	Map Number	Good To Date	Status	Area (Ha)
200212	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	400
200213	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	300
200214	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	500
200279	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	250
322953	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	450
323117	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	450
323118	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	450
323119	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	300
323121	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	450
323122	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	375
361105	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	450
361106	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	400
361115	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	500
361117	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	500
382850	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	500
392530	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	100
398841	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	500
398863	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	400
400348	Legacy Mineral	209027 (100%)	092F	2013/sep/12	GOOD	450
508051	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	126.709
512247	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	506.645
512249	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	1035.271
518164	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	485.141
518167	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	316.606
518169	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	527.528
518171	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	464.545
518174	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	105.629
530257	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	569.991
530258	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	697.567
530259	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	464.787
530260	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	168.967
604993	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	527.7288
604995	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	527.5568
604996	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	527.5108
833065	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	506.789
936509	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	528.1081
936529	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	507.1304
936530	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	465.0663
936531	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	338.2501
936532	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	295.8932
984662	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	380.6452
984682	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	380.644
989662	Cell Mineral	209027 (100%)	092F	2013/sep/12	GOOD	21.1342
Totals	43	Claims				18200.8429

Vancouver Island consists of three tectonic terranes, the Wrangellia, Pacific Rim and Crescent. Wrangellia covers the northern 90% of the island, which also extends to the coastal mainland and the Queen Charlotte Islands. The Pacific Rim and Crescent terranes each cover about 5% of the south end of Vancouver Island and are thought to represent exotic tectonic plates, which collided with and became attached to Vancouver Island. Narrow slivers of the Pacific Rim terrane also exist along the southwest coast of the island. The terrane boundaries are marked by pronounced, east-west trending and north-dipping regional fault structures that contain major river systems on the southern island.

The rocks that make up Vancouver Island range in age from Paleozoic to Pliocene and represent three major volcano-sedimentary events (Paleozoic, Triassic and Jurassic), one major sedimentary event (Cretaceous) and four major intrusive events (Triassic, Jurassic, Eocene and Miocene/Pliocene). Major structural features consist of northwest-trending, north-south trending and north-east trending faults and folds. This includes many northwest-trending, low-angle thrust faults and fold axes. The oldest rocks are generally the most structurally disrupted, and areas of high metamorphic grades occur within and locally near the Pacific Rim terrane in the south and along the southwest coast of the island.

Port Alberni is located in Wrangellia in south-central Vancouver Island and is surrounded by some of the most varied and structurally complex geology on the island. Port Alberni also sits between two major uplifts exposing the island's oldest Paleozoic volcano-sedimentary rocks of the Sicker and Buttle Lake Groups, the Cowichan Uplift to the southeast and the Myra Falls Uplift to the northwest. Small stocks of the Triassic Mount Hall Gabbro suite occasionally intrude the Paleozoic rocks southeast of Port Alberni. The immediate Port Alberni area is mainly underlain by Triassic mafic volcanic rocks of the Karmutsen Formation of the Vancouver Group. These are commonly intruded by large granodiorite sills, stocks and dikes of the Jurassic Island plutonic suite. Locally inliers consist of Triassic Quatsino Formation sedimentary limestones of the Vancouver Group that are overlain by Jurassic volcanics of the Bonanza Group, sandstones, shales and conglomerates of the Cretaceous Nanaimo Group. All units are occasionally intruded by small quartz diorite stocks and dikes of the Tertiary-Eocene Mount Washington plutonic suite. The Macktush property is mostly underlain by Karmutsen mafic volcanics and Island felsic intrusives, with local inliers of possible Quatsino limestone and/or Parson Bay and Bonanza sediments and volcanics. These rocks are variably block-faulted and folded, and represent ideal settings for clustered copper-gold-silver-molybdenum porphyry, skarn and epithermal vein deposits. The Macktush Property host fourteen (14) documented BC MINFILE occurrences, including two prospects and one developed prospect, plus 54 other mineral occurrences identified and located by SYMC documented by the author (see Table 8 below).

The following summary outlines the exploration history to the extent known of the area now covered by the Macktush Property. It is based primarily on information obtained from the BC government websites including MapPlace, Mineral Titles Online, MINFILE and ARIS. Source data from the author's files collected while working for SYMC, and data kindly provided by G4G, were used to produce technical figures. A list of reports completed and filed for mineral tenure assessment work on the Property and publicly available on the ARIS website appears in Table 2 below, with locations shown in Figure 1c, and a summary of the key points mainly from selected ARIS reports follows Table 2.

Table 2 - Macktush Property Assessment Work Reports

Report	Year	Author	Owner/Operator	Work Program / MINFILE #s - Names
477	1962	Hallof, P.G., and Bell, R.A.	Cruikshank Explorations Ltd.	Geophysical / 092F155 - Holk, 092F168 - Dauntless, 092F383 - Bell, 092F549 - Stamp 3
1591	1968	Fox, P.E., and Allan, J.F.	Amax Exploration Inc.	Geological, Geochemical, Geophysical / 092F221 - Rex
5650	1974	Guppy, Walter	Walter Guppy	Prospecting / 092F361 – Summit
5981	1976	Vollo, N.B.	Cous Creek Copper Mines Ltd.	Geophysical / 092F360 - Cous Creek
6393	1977	Anderson, R.E.	Bethlehem Copper Corporation	Geological, Geophysical / 092F360 - Cous Creek
6956	1977	Nethery, R.J.	Bethlehem Copper Corporation	Geophysical, Drilling (Percussion) / 092F360 - Cous Creek
9313	1981	Timmins, W.G. and Rolston, T.	Pacific Seadrift Resources Ltd.	Geophysical (Airborne) / 092F103 - Kola, 092F360 - Cous Creek, 092F361 - Summit, 092F362 - Buck 1, 092F412 - Sproat Lake, 092F553 - Creek, 092F555 - Sky 2
9356	1981	Timmins, W.G. and Rolston, T.	Missile Resources Ltd.	Geophysical (Airborne) / none
10288	1982	Wing, B.J. and Timmins, W.G.	Pacific Seadrift Resources Ltd.	Geological, Geochemical / 092F103 - Kola, 092F555 - Sky 2
11337	1983	von Rosen, G.	International Phasor Telecom Ltd.	Geophysical / 092F155 - Holk, 092F168 - Dauntless, 092F383 - Bell, 092F549 - Stamp 3, 092F551 - Devils Den
12052a	1983	Riteman, L.A.	Pacific Seadrift Resources Ltd.	Prospecting / 092F103 – Kola, 092F555 - Sky 2
12052b	1983	Marks, D.G.	Pacific Seadrift Resources Ltd.	Geophysical / 092F103 - Kola, 092F555 - Sky 2
12242	1984	De La Mothe, D.	Cous Creek Copper Mines Ltd.	Geological / 092F360 - Cous Creek
12872	1985	Krueckl, G.P.	Cous Creek Copper Mines Ltd.	Geological / 092F360 - Cous Creek
13949	1985	Marks, D.G.	Amstar Venture Corp.	Geochemical / 092F103 - Kola, 092F553 - Creek
15037	1986	Royer, G.A.	Triactor Resources Corporation	Geological / 092F361 - Summit, 092F555 - Sky 2
15038	1986	Royer, G.A.	United Chieftain Resources Ltd.	Geological / 092F155 - Holk, 092F168 - Dauntless, 092F383 - Bell, 092F549 - Stamp 3, 092F551 - Devils Den
15169	1986	Royer, G.A.	Mariah Resources Ltd.	Geological / 092F362 - Buck 1, 092F412 - Sproat Lake
15658	1986	Sookochoff, L.	Amstar Venture Corp.	Drilling (Core) / 092F103 - Kola
15780	1986	Royer, G.A.	Alta Management Corporation	Geological / 092F360 - Cous Creek
15970	1987	Poloni, J.R.	Ramcor Resources Ltd.	Geochemical / 092F383 – Bell
16918	1988	Laanela, H.	Abstract Enterprises Corp.	Geological, Geochemical, Geophysical / 092F360 - Cous Creek
17441	1987	Laanela, H.	Veto Resources Ltd.	Geological, Geochemical, Geophysical / 092F361 - Summit, 092F555 - Sky 2
17557	1988	Stritychuk Hopkins, J.M. and Leriche, P.D.	Napier Explorations Inc.	Geological, Geochemical / 092F155 - Holk, 092F168 - Dauntless, 092F551 - Devils Den
18771	1989	Leriche, P.D. and Yacoub, F.F.	Brockton Resources Inc.	Geochemical / 092F155 - Holk, 092F168 - Dauntless, 092F551 - Devils Den
19346	1989	Kidlark, R.G.	Brockton Resources Inc.	Geological, Geochemical, Geophysical / 092F155 - Holk, 092F168 - Dauntless, 092F549 - Stamp 3, 092F551 - Devils Den
21512	1991	Wilson, J.R.	SYMC Resources Ltd.	Geological, Drilling (Core) -092F012 - Macktush

28497	2006	Houle, J.	SYMC Resources Ltd.	Drilling (Core), Geophysical - 092F 012 - Macktush, 092F103 - Kola, 092F155 - Holk, 092F168 - Dauntless, 092F221 - Rex, 092F362 - Buck1, 092F383 - Bell, 092F412 - Sproat Lake, 092F549 - Stamp 3, 092F551 - Devils Den, 092F553 - Creek, 092F555 - Sky 2
28727	2006	McConnell, C.	Ashworth Explorations Ltd.	Geological, Geochemical - 092F360 - Cous Creek, 092F361 - Summit
28989	2007	Houle, J.	SYMC Resources Ltd.	Drilling (Core), Prospecting - 092F 012 - Macktush, 092F103 - Kola, 092F155 - Holk, 092F168 - Dauntless, 092F221 - Rex, 092F362 - Buck1, 092F383 - Bell, 092F412 - Sproat Lake, 092F549 - Stamp 3, 092F551 - Devils Den, 092F553 - Creek, 092F555 - Sky 2
32297	2011	Sanabria, R.O. and Hills, L.	G4G Resources Ltd.	Geological, Geochemical - 092F 012 - Macktush, 092F103 - Kola, 092F155 - Holk, 092F168 - Dauntless, 092F221 - Rex, 092F360 - Cous Creek, 092F361 - Summit, 092F362 - Buck1, 092F383 - Bell, 092F412 - Sproat Lake, 092F549 - Stamp 3, 092F551 - Devils Den, 092F553 - Creek, 092F555 - Sky 2
32484	2011	Sanabria, R.O. and Hills, L.	G4G Resources Ltd.	Geological, Geochemical - 092F 012 - Macktush, 092F103 - Kola, 092F155 - Holk, 092F168 - Dauntless, 092F221 - Rex, 092F360 - Cous Creek, 092F361 - Summit, 092F362 - Buck1, 092F383 - Bell, 092F412 - Sproat Lake, 092F549 - Stamp 3, 092F551 - Devils Den, 092F553 - Creek, 092F555 - Sky 2
33140	2012	McLelland, D.	Nahminto Resources Ltd.	Geophysical -092F 012 - Macktush, 092F103 - Kola, 092F155 - Holk, 092F168 - Dauntless, 092F221 - Rex, 092F360 - Cous Creek, 092F361 - Summit, 092F362 - Buck1, 092F383 - Bell, 092F412 - Sproat Lake, 092F549 - Stamp 3, 092F551 - Devils Den, 092F553 - Creek, 092F555 - Sky 2

1920 - An unknown party excavated two adits and a shaft targeting the Dauntless vein in the northeast part of the property (MINFILE 092F168).

1962 – Cruikshank Explorations Ltd. completed an I.P. ground geophysical survey along the western side of the Alberni Inlet covering old excavations containing copper mineralization in several MINFILE showings Holk (092F155), Dauntless (092F168), Bell (092F383) and Stamp 3(092F549) (Halloff, P.E. and Bell, R.A. 1968).

1968 – Amax Exploration Inc. discovered a pyritic alteration zone 250 m. wide by 1.35 km long containing molybdenite in quartz stringers and chalcopyrite-bearing float at the Rex showing (MINFILE 092F221) in the central part of the property (Fox, P.E. and Allan, J.F. 1968).

1976 – Cous Creek Copper Mines completed a ground magnetic survey over 4 km. long zone of copper-magnetite skarn mineralization, the Cous Creek prospect (MINFILE 092F360) discovered in 1972 in the north-central part of the property (Vollo, N.B. 1976).

1977 – Bethlehem Copper Corporation completed geological mapping and sampling, pulse electromagnetic surveys, and two percussion drill holes with negative results on the Cous Creek prospect (Anderson, R.E. and Nethery, R.J. 1977).

1981 – W.G. Timmins Exploration and Development Ltd. completed airborne magnetic geophysical surveys for two companies with separate properties covering what is now the northwestern part of the property, covering several MINFILE copper occurrences Kola 092F103, Cous Creek 092F360, Summit 092F361, Buck 1 092F362, Creek

092F553 and Sky 2 092F555, plus the Sproat Lake 092F412 limestone showing (Timmins, W.G. and Rolston, T. 1981).

1982-1983 - W.G. Timmins and subsequently Trans-Arctic Explorations Ltd. completed geological, geochemical, prospecting and ground geophysical surveys for Pacific Seadrift Resources Ltd. over the northwest part of the property including the Kola and Sky 2 occurrences. At the Kola MINFILE 092F103 prospect, trench sampling of massive sulphides yielded an average of 7.7% Cu, 124 g/t Ag and 6.5 g/t Au across 0.6 metres width along 4.5 metres length (Wing, B.J. and Timmins, W.G. 1982).

1984-1985 – Cous Creek Copper Mines completed geological work outlining the skarn potential at the Cous Creek MINFILE 092F360 prospect (De La Mothe, D. 1984; and Krueckl, G.P. 1985). There is anecdotal evidence of bulk sampling of copper, silver and gold mineralized rock from surface trenches and trucking to Kamloops, B.C. completed by Lornex Mines during this period (personal communication – McMaster, H. 2012).

1981-1986 - Herbert McMaster and Sylvester Tresierra performed work including prospecting, trenching and sampling over the Macktush occurrence (MINFILE 092F012) in what is now the mid/southern central part of the property (Houle, J. 2007).

1985-1986 - Amstar Venture Corporation completed a 221 sample geochemistry program, and a 22 hole drill program totaling 1,308m over the MC/KOLA (MINFILE 092F103) prospect in centre of the northwest part of the property. The program was aimed at investigating and defining the series of shear related zones of massive chalcopyrite and pyrite pods and lenses which comprise the KOLA prospect, the main one of which is exposed for approximately 10m along strike. Highlights of the program include a grab sample that returned 7.27% Cu, 23 g/t Ag and 2.8 g/t Au, a 70 metre long gold anomaly in soil extending over the main sulphide zone, and definition of the main sulphide zone to a depth of 40 metres, open at depth, with returned values as high as 3.01% Cu, 37 g/t Ag, and 2.5 g/t Au (Marks, D.G. 1985; Sookochoff, L. 1986).

1986 – Trans-Arctic Explorations Ltd. completed geological mapping for United Chieftain Resources Ltd. in the northeast portion of the property covering five MINFILE occurrences Holk 092F155, Dauntless 092F168, Bell 092F383, Stamp 3 092F549 and Devils Den 092F551 (Royer, G.A. 1986).

1986 – Trans-Arctic Explorations Ltd. completed extensive geological mapping and limited rock and/or soil geochemistry for three companies on separate adjacent properties covering five MINFILE occurrences Cous Creek 092F360, Summit 092F361, Buck 1 092F362, Creek 092F553 and Sky 2 092F555 in the north-central part of the property (Royer, G.A. 1986).

1987-1988 – Ashworth Explorations Ltd. completed extensive geological mapping, rock and soil geochemistry and ground magnetic surveys for two companies on separate adjacent properties covering three MINFILE occurrences Cous Creek 092F360, Summit 092F361, and Sky 2 092F555 in the north-central part of the property (Laanela, H. 1987, 1988). The geological setting and target areas for both known and new Cu skarn mineralization were established.

1987 - SYMC Resources Ltd. purchased the 'Macktush' property, then much more limited in size, from Herbert McMaster and Sylvester Tresierra (SYMC Resources

Limited (1998) Prospectus). Work included some photo-lineament interpretation, extensive trenching and rehabilitation, and sampling on a series of northeast trending quartz-calcite-sulphide veins in the southern part of the Macktush property known as the Fred, David, Sy and Jack Veins (Wilson, J.R. 1991). Ten short holes were drilled on the Fred Vein as well, three of which totaling 279.5m depth were logged and sampled under the supervision of John R. Wilson, P. Geo (Wilson, J. R. 1991). Core from the remaining holes was spilled on the ground and subsequently disposed of (personal communication from H. McMaster). This work occurred in the southeast part of the property. Highlights of the drill program are displayed in Table 3 below.

1988 - SYMC Resources Ltd. completed one short drill hole (DDH88-05) on the Fred Vein, in the southeastern part of the Macktush property (see Table 3 below) (Houle, J. 2007).

Table 3 - Drill Intercept Highlights from SYMC Resources 1987-1988

Hole	Interval (m)	Length(m)	Au (g/t)	Ag (g/t)	Cu (%)
DDH87-01	109.58-110.72	1.14	5.97	2.06	0.03
DDH87-03	33.50-34.29	0.79	3.84	16.46	0.80
	36.59-40.39	3.81	44.23	172.80	0.95
DDH87-08	71.63-72.88	1.25	9.94	1.71	0.03
DDH88-05	47.22-48.80	1.58	0.21	3.09	0.02

1988 – Napier Explorations Inc. conducted geological mapping and geochemical sampling on the northeast part of the property covering the MINFILE occurrences Holk 092F155, Dauntless 092F168 and Devils Den 092F551. Soil sampling identified two copper-zinc+/-gold anomalies, and rock samples from quartz-sulphide veins yielded up to 4.15 g/t Au from the Holk, and 1.7% Cu from Dauntless (Stritychuk Hopkins, J.M. and Leriche, P.D.)

1989 - Brockton Resources Inc. conducted geological mapping, grid layout, claim staking, soil sampling, trench blasting and VLF- EM and magnetometer geophysics over the northeastern quadrant of the Macktush property. The combined soil sampling and geophysics highlighted nine possibly targets on the property, most corresponding to anomalous gold or copper soil values or coincident mag-VLF-EM liniments (Kidlark, R.G. 1989).

1993 - SYMC conducted limited rock sampling over the Dauntless Vein, a northeasterly trending quartz-sulphide vein exposed on the Dauntless claims, in the northeast part of the property. The vein is believed to extend over a strike length of 400m and varies between 1.5m to 0.5m thick. Highlights of the program included 24 grab samples of vein material contained 17.5 to 27.2% copper, up to 37.7 g/t silver, and up to 0.89 g/t gold (SYMC news release December 7, 1998).

1996 - SYMC conducted a trenching and chip sampling program over the Fred and David Showings and the Beach Road mineral occurrence. A limited program of geological mapping was also conducted. This work covered a limited area in the southeastern portion of the property.

1999 - SYMC contracted Canadian Environmental and Metallurgical Inc. (CEMI) who conducted preliminary metallurgical testing of a 25km composite sample from the Dauntless North vein, composed of vein material. Results returned a head grade of 17.61% copper, 0.24 g/t gold, 36.69 g/t silver and 21.11% sulphur and showed recoveries of 99.73% copper, 85.09% gold, 98.72% silver and 99.8% sulphur in the flotation concentrate. CEMI advised that high metal recoveries could be obtained using simple, conventional grinding and flotation circuits (Houle, J. 2007).

2000 - SYMC drilled four short holes to test the down-dip continuity of the Fred Vein. The holes were drilled northeast along the strike of Fred Vein from the 1987-88 holes. Core samples from these holes were destroyed during analyses, and no re-sampling was possible. Core log records however, suggest down-dip continuity of the Fred Vein structure. (documented communication between Mr. J. Houle, P.Eng. and Mr. R. Davey, P. Eng.).

2001 - SYMC conducted a moderate exploration program in the southwest portion of the property and discovered an extension of the Fred Vein. This extended the total known strike length of the Fred Vein to 1000m, leaving it open at both ends. In 2001 a representative sample of Fred Vein material was metallurgically tested by CEMI. The sample returned a head grade of 14.57 g/t gold, 59.66 g/t silver, 0.05% copper, and 3.134% zinc. It produced a flotation concentrate grading 131.31 g/t gold, 349.29 g/t silver, 0.36% copper and 28.50% zinc. It was determined by CEMI that this mineralized vein material would be relatively simple to process (SYMC news release June 7, 2001).

2002 - SYMC took samples of hanging wall and footwall material from the Dauntless North and Fred Vein and contracted CEMI to perform acid-base accounting on them. Acid-base accounting returned neutralizing to acid potential ratios of 4.2 and 4.8, respectively on the material taken from the Dauntless North Vein, indicating that the material sampled had contained neutralizing potential and is not acid generating. Acid-base accounting completed in 2002 on hanging wall and footwall material from the Fred Vein yielded neutralizing to acid potential ratios of 47.6 and undefined, respectively. The undefined value was due to the sulphur content of the sample being less than the analytical detection limit of 0.01%. These results indicated that the material sampled contained strong neutralizing potential and was not acid generating. SYMC also constructed a 1400m excavator road from the shore of Port Alberni Inlet to the dauntless vein, in the northeast portion of the property.

2003-2004 - SYMC linked the excavator road to the local network of logging roads in the northeast portion of the property, uncovering 5-10 sulphidic shear hosted veins running paralleling the road. These 5cm -10cm sulphidic veins were oriented at 150° to 205°, dipping 60° to 80° east. Individual shear veins contained up to 75% sulphides, mainly chalcopyrite, bornite, pyrite and possibly trace amounts of sphalerite, tetrahedrite, native copper and covellite, and the zone was named the Tasha Zone. Four select grab samples were taken in 2003 of these veins. These samples returned an average grade of 5.58% copper, 0.095% zinc, 8.70 g/tonne Ag and 0.146 g/tonne Au over an average thickness of 0.2 metres (SYMC December 7, 2004 Technical Report). SYMC suggested that the mineralogy and geochemistry found at the Tasha Zone suggested that the property may host Volcanic Redbed copper-silver deposits as well as copper-silver quartz-sulphide stockwork veins (Houle, J. 2007).

2005 - In the spring of 2005, SYMC conducted limited rock sampling and trenching of the Dauntless South adit, which follows a vein oriented at 130/70, and the Herbert Jr. vein, oriented at 080/80. Ten select grab samples were taken from a rock dump and vein mineralization of the Dauntless vein. These samples yielded an average of 10.7% copper, 0.523% zinc, 27.9 grams of silver per tonne and 0.262 grams of gold per tonne over an average thickness of 0.6 metres (SYMC February 7, 2005 press release). Ten chip samples from trenching the Herbert Jr. vein yielded an average of 13.7% copper, 14.8 grams of silver per tonne and 0.294 grams of gold per tonne over an average of 1 metre. (SYMC March 16, 2005 press release).

SYMC also conducted preliminary prospecting in the Bowl Zone in 2005, a copper-molybdenum-gold-silver stockwork vein or disseminated porphyry occurrence located about 1,000 metres northwest of the Fred and David veins. Mapping and chip sampling of the Bowl zone failed to detect any significant in situ mineralization, though mineralized float samples were located in lower areas, suggesting that there may be mineralization under cover, and future drilling to test the Bowl Zone was advised (Houle, J. 2006).

In 2005, SYMC conducted a sequential diamond drilling program designed to delineate four of the more advanced exploration targets. SYMC also contracted Fugro Airborne Surveys Corp. (Fugro) who flew a detailed 1,661 line km. magnetic, electromagnetic and radiometric airborne geophysical program over the Macktush property in September. Several targets were identified. From May to December, 2005 a total of 2,136 metres in 35 holes of diamond drilling was completed on the Herbert Jr. Vein, Tasha Zone, Dauntless North Veins and David Vein (see Table 4 for drill highlights). Along with previous rock chip sample data, this drill data was used to estimate indicated mineral resources for all four zones. Low-angle (5-30 degree) plunge directions were also revealed within the vein systems in the two target areas which were more extensively drilled (the David Vein and Dauntless North Veins) and possibly within Dauntless Herbert Jr. Vein as well, suggesting an orientation which may have property-wide implications (Houle, J. 2006).

Table 4 - Drill Highlights from SYMC Resources Ltd. 2005

Hole	Vein	Interval (m)	Length(m)	Cu %	Ag (g/t)	Au (g/t)
DH-05-03	HJV	99.7-100.2	0.5	5.237	8.800	0.142
DT-05-03	Tasha	15.4 – 43.3	27.9	0.139	0.554	0.004
DV-05-09	DNV3	7.0 – 8.4	1.4	3.309	15.000	0.105
And	DNV4	16.2 – 16.7	0.5	4.261	5.000	0.039
MD-05-01	David	9.0 – 10.7	1.7	0.049	16.000	3.282
MD-05-02	David	9.9 – 11.4	1.5	0.061	16.000	3.159

Several indicated resource estimates were reported by SYMC in the 2006 assessment report (Table 5), updating and replacing prior mineral resource estimates (Houle, 2006).

Table 5 – Macktush Property Mineral Resource Estimates 2005

Vein/Zone	Tonnes	Gold g/t	Silver g/t	Copper %	Category
David Vein	16,278	5.65	25.6	0.310	Indicated
North Veins	14,171	0.043	6.16	2.05	Indicated

Herbert Jr. Vein	8,479	0.118	6.66	5.16	Indicated
Tasha Zone	20,423	0.005	0.564	0.160	Indicated

2006 - SYMC conducted an advanced prospecting program targeting geophysical targets picked out in the 2005 Fugro airborne survey, including 288 select rock grab samples, 26 stream moss mat samples and 66 soil samples. SYMC also completed an 11 hole diamond drilling program totaling 982 m targeting the Zinc, Jack and Moly Veins, as well as the MC 1, 2 and 3 zones (see Table 6 for drill highlights). Prospecting work returned elevated metal values in rock float and stream moss mat samples with selected highlights as follows:

- Sample 343652 from the West cluster yielded 1.37% Cu and 24.7 ppm Mo from a select grab of float sample of massive iron-copper skarn
- Sample 343856 from the Cous cluster yielded 5.55 g/t Au from a select outcrop grab of a rusty quartz-sulphide vein containing 5% pyrite
- Sample 343892 from the Rex cluster yielded 13.9% Cu, 0.126% Zn, 93.4 ppm Mo, 29 g/t Ag and 2.71 g/t Au from a select outcrop grab of a 0.25 m. thick, banded to brecciated sulphide-quartz vein containing chalcopyrite, bornite and pyrite

This work established the Rex cluster as an outstanding exploration target, with elevated mineralization in rock grab samples and stream moss mat samples. Four new targets in the Cous cluster, plus the West cluster were also identified and further prospecting mapping, sampling, trenching and/or drilling was recommended for all three targets (Houle, J. 2007).

Table 6 - Drill Highlights from SYMC Resources Ltd. 2006

Hole	Vein	Interval (m)	Length(m)	Cu %	Ag (g/t)	Au (g/t)
MC-06-01	MC2	62.5 – 79.1	16.6	0.164	2.051	0.194
including		70.6 – 71.2	0.6	1.380	15.30	1.193
MC-06-02	MC1	32.5 – 32.8	0.3	1.009	24.00	0.692
MC-06-03	MC-2	70.9 – 72.6	1.7	0.306	4.000	0.218
MJ-06-02	Jack	82.0 – 82.6	0.6	0.020	0.900	2.161

Several indicated resource estimates were reported by SYMC in the 2007 assessment report (Table 7), updating and replacing prior mineral resource estimates (Houle, 2007).

Table 7 – Mactush Property Mineral Resource Estimates 2006

Vein/Zone	Tonnes	Gold g/t	Silver g/t	Copper %	Category
Fred Vein	65,475	13.91	48.1	0.59	Indicated
Zinc Vein	35,710	8.97	44.5	0.57	Indicated
Jack Vein	13,994	2.00	0.8	0.02	Indicated
Moly Vein	504	4.27	1.5	0.01	Indicated
MC1 Zone	21,851	0.26	6.9	0.43	Indicated
MC2 Zone	138,499	0.33	5.2	0.47	Indicated
MC3 Zone	17,618	0.38	1.0	0.05	Indicated

2011 - G4G Resources conducted a partial grid based soil survey to the west of the REX MINFILE showing, and an extensive contour soil survey covering the majority of drainages on the Property, with 241 soil samples taken in total. Highlights included several samples with over 600ppm Cu and over 0.7ppm Ag proximal to the Rex showing. Reconnaissance geological mapping and rock grab sampling were also completed, with sample result highlights of 6.76% Cu and 18.9 ppm Ag from base metal veins near the Dauntless showing. The program supported the Rex showing as a possible target for a copper porphyry style deposit. A new area to the southwest of the Rex showing was also identified by elevated Cu and Ag values in soil samples (Sanabria, et al. 2011).

2012 – Auracle Geospatial Science Inc. completed a satellite remote sensing survey and analyses for Nahminto Resources Ltd. on the entire Macktush Property. Several areas on or near the Property were delineated as prospective targets, including one along the southern boundary of the Property as it existed at the time of the survey. As a result, two additional cell claims totaling 761 hectares were selected to extend the southern boundary of the property on May 8, 2012. An additional cell claim totaling 21 hectares was selected on May 23, 2012 to cover an internal gap between cell and legacy mineral claims. (McLelland, 2012)

Table 8 – Macktush Property Mineral Occurrences

Name	UTM E.	UTM N.	Elev	Category	Type	Au	Ag	Cu	Mo	Fe	Lst.
Macktush 092F012	365693	5442798	450	Dev.Prospect	Porph. Cu-Mo-Au	Au	Ag	Cu	Mo		
Kola/MC 092F103	357702	5450630	640	Prospect	Cu-Ag Qtz. Veins	Au	Ag	Cu			
Holk 092F155	365909	5455028	90	Showing	Cu-Ag Qtz. Veins	Au	Ag	Cu			
Dauntless 092F168	366846	5452780	20	Prospect	Cu-Ag Qtz. Veins	Au	Ag	Cu			
Rex 092F221	360661	5446692	550	Showing	Porph. Mo (Low-F)			Cu	Mo		
Cous Creek 092F360	360412	5451982		Prospect	Cu Skarn?	Au	Ag	Cu		Fe	
Summit 092F361	359708	5453853		Showing	Cu-Ag Qtz. Veins?			Cu			
Buck 1 092F362	356650	5452202	520	Showing	Porph. Cu-Mo-Au?	Au		Cu			
Bell 092F383	366003	5450576		Showing	Cu-Ag Qtz. Veins?			Cu			
Sproat Lk. 092F412	356461	5453505	440	Showing	Sed. Limestone						Lst.
Stamp 3 092F549	366901	5451698	30	Showing	Cu-Ag Qtz. Veins?	Au		Cu			
DevilsDen 092F551	364498	5456051	180	Showing	Cu-Ag Qtz. Veins	Au		Cu			
Creek 092F551	356249	5449277	420	Showing	Porph. Cu-Mo-Au?			Cu			
Sky 2 092F555	358907	5451031	280	Showing	Cu Skarn?			Cu			
Dauntless Vein L. Adit	366705	5452670	92	Prospect	Qtz.Vein	Au	Ag	Cu			
Dauntless Vein U. Adit	366686	5452667	96	Prospect	Qtz.Vein	Au	Ag	Cu			
Dauntless S. Vein Adit	366755	5452201	79	Showing	Qtz.Vein	Au	Ag	Cu			
Herbert Jr. Vein	366766	5452277	75	Prospect	Qtz.Vein	Au	Ag	Cu			
Sara Vein	366797	5452362	59	Showing	Qtz.Vein						

Vein S. of Sara Vein	366822	5452425	56	Showing	Qtz.Vein								
Sara Vein Adit	366821	5452337	49	Showing	Qtz.Vein								
Middle Vein	366768	5452251	70	Showing	Qtz.Vein								
Tasha Zone	366533	5453382	52	Prospect	RedBed?		Ag	Cu					
Mainline Pit	364370	5452743	181	Showing	Qtz.Vein	Au	Ag	Cu	Mo				
Beach Adit	366874	5452318	-4	Showing	Qtz.Vein			Cu					
Upper Adit	366812	5452351	32	Showing	Qtz.Vein		Ag	Cu					
Flat Vein	366809	5452653	50	Showing	Qtz.Vein			Cu					
Stamp 3 Adit	366953	5451568	3	Showing	Qtz.Vein	Au	Ag	Cu					
South Adit	366869	5452229	5	Showing	Qtz.Vein			Cu					
Quartz Sericite Alt'n.	362316	5447651	691	Showing	?								
Sericite Zone	366297	5456424	28	Showing	?								
Quartz Sericite Alt'n.	364479	5454344	234	Showing	?								
Quartz Sericite Porphyry	364575	5453874	229	Showing	Porphyry								
Quartz Sericite Alt'n.	364621	5453255	207	Showing	?								
Quartz Sericite Altn.	364717	5452591	163	Showing	?	Au	Ag	Cu					
Qtz. Vein W. Dauntless	362712	5455177	316	Showing	Qtz.Vein								
Porphyry W. Dauntless	361569	5454469	414	Showing	Porphyry								
Quartz Sericite Alt'n.	366895	5451831	4	Showing	?								
Upper Holk	365600	5454850	150	Showing	Qtz.Vein	Au	Ag	Cu					
Mainline North	364450	5454450	250	Showing	Qtz.Vein	Au	Ag	Cu					
Porphyry	366000	5453250	250	Showing	Porphyry	Au	Ag	Cu					
Mainline	365150	5450850	200	Showing	Porphyry	Au	Ag	Cu					
Fred Vein Adit	364929	5443574	562	Prospect	Qtz.Vein	Au	Ag	Cu	Mo				
David Vein Trench	365001	5443649	540	Prospect	Qtz.Vein	Au	Ag	Cu					
Sy Vein Trench	365056	5443153	650	Showing	Qtz.Vein	Au	Ag	Cu					
Jack Vein	364707	5443272	752	Showing	Qtz.Vein	Au	Ag	Cu					
Upper Bowl Zone	363619	5444427		Showing	Qtz.Vein		Ag	Cu	Mo				
Branch 1111	363556	5445319		Showing	Porphyry	Au	Ag	Cu					
Epi. Vn. W. Macktush	362768	5443415	847	Showing	Qtz.Vein								
Skarn/Marble Pod	362614	5443335	836	Showing						Skarn	Marble		
Skarn/Marble Pod	362538	5443335	830	Showing						Skarn	Marble		
Flat Vein W. Macktush	361870	5443896	820	Showing	Qtz.Vein								
Rex creek bed	360652	5446351	574	Showing	Porphyry								
The Pit	360137	5445833	687	Showing	Porphyry								
Canal Main #1	364200	5451840	171	Showing	Porphyry			Cu					
Qtz. Vein S. Macktush	361862	5442864	204	Showing	Qtz.Vein								
Qtz. Str's. S. Macktush	362480	5442551	199	Showing	Qtz.Vein								
Canal Main Roadcut	366092	5449176	34	Showing	Qtz.Vein			Cu					
Porphyry	363550	5446000	500	Showing	Porphyry								
Branch 1111 North	363550	5445350	700	Showing	?	Au	Ag	Cu					

North Bowl Zone	363600	5444700	700	Showing	?	Au	Ag	Cu			
Cu-Fe Skarn	363650	5444400	800	Showing	Fe Skarn			Cu		Mt.	
North Bowl Zone	363600	5444350	800	Showing	Qtz.Vein		Ag	Cu			
Lower Bowl Zone	364100	5444250	550	Showing	Qtz.Vein	Au	Ag	Cu			
South Bowl Zone	364050	5444100	600	Showing	Qtz.Vein	Au	Ag	Cu			
Fe-Cu Skarn	364350	5443100	750	Showing	Fe Skarn			Cu		Mt.	
W. Mactush	361650	5443150	350	Showing	Qtz.Vein	Au	Ag	Cu			
W. Mactush Porphyry	360700	5444000	350	Showing	Porphyry	Au	Ag	Cu			

The indicated mineral resource estimates for all four veins/zones are clearly too small and/or of too low grades to consider being subjected to scoping or other economic studies at this time. However, the estimates do provide baselines from which to measure possible future increases in mineral resources if additional drilling or other work is successful in increasing the sizes and/or grades of the veins/zones, as per the recommendations in this report.

Table 9 - Mactush Property Mineral Resource Estimate Summary by Vein/Zone

Vein/Zone	Tonnes	Gold g/t	Silver g/t	Copper %	Category	Source
David Vein	16,278	5.65	25.6	0.31	Indicated	Houle, J. 2006
Fred Vein	65,475	13.91	48.1	0.59	Indicated	Houle, J. 2007
Zinc Vein	35,710	8.97	44.5	0.57	Indicated	Houle, J. 2007
Jack Vein	13,994	2.00	0.8	0.02	Indicated	Houle, J. 2007
Moly Vein	504	4.27	1.5	0.01	Indicated	Houle, J. 2007
Dauntless North Veins	14,171	0.04	6.2	2.05	Indicated	Houle, J. 2006
Herbert Jr. Vein	8,479	0.12	6.7	5.16	Indicated	Houle, J. 2006
Tasha Zone	20,423	0.01	0.6	0.16	Indicated	Houle, J. 2006
MC1 Zone	21,851	0.26	6.9	0.43	Indicated	Houle, J. 2007
MC2 Zone	138,499	0.33	5.2	0.47	Indicated	Houle, J. 2007
MC3 Zone	17,618	0.38	1.0	0.05	Indicated	Houle, J. 2007

List of claims and work completed

From April 10 to July 18, 2012 intermittently for a total of 77.5 days, prospector Herb McMaster Sr. of Port Alberni, B.C. used a 4x4 truck to located and access new logging road exposures of blasted rock outcrop throughout the Mactush Property. Mr. McMaster carefully prospected each new blasted rock outcrop exposure by walking along the road ditches, breaking selected and random rocks with a hammer, inspecting them with for possible sulphide mineralization a hand lens, tracing any mineralized rocks to their outcrop sources in the roadcuts, and flagging those sites with fluorescent tape. Mr. McMaster was assisted by his son Herbert McMaster Jr. for two days on May 22-23, 2012 in areas of more difficult terrane. Due to a lack of available maps of the new roads, those lacking any apparent mineralization in blasted rock or bedrock have not been spatially located, with approximate prospecting traverses shown in Figure 8, and prospecting dates and general observations shown in Appendix 3.

On May 18, and again on July 16-18, 2012 the author visited the Macktush Property for a total of 4 days to inspect, locate by GPS, sample and map sites of newly discovered mineralization, accompanied by Mr. McMaster Sr. One of those days, July 17, 2012, the author was accompanied by Mr. McMaster Jr. attempting to re-locate the historic Cous Creek Copper MINFILE occurrence in the field. On July 16-18, 2012 the author collected 15 rock samples from the Macktush Property at sites shown in Figure 2, situated on mineral claims 323199 (3 samples), 398841 (7 samples), 530258 (2 samples) and 604996 (3 samples). An additional 6 rock samples were collected by Mr. McMaster, Sr. on mineral claim 398841, which were located by the author using GPS. All 21 rock samples are located in rock cuts or in the road bed of logging roads, and consist mainly of outcrop samples or in a few cases sub-crop samples from probable nearby outcrop sources, with sample locations shown in Figure 2, and rock sample locations and details shown in Appendix 1.

Outcrop geological mapping was completed by the author at two sites covering 9 of the 11 sample sites on claim 398841, shown in Figure 3, and which includes the Christine Zone. Mapping of the immediate sample locations only was completed by the author at the remaining sites, shown in Figures 4 to 7. Geochemistry highlights are shown in Figures 3 to 7. All 21 rock samples were taken in duplicate, and one of each duplicate sample pair was sent on July 19-20, 2012 by the author via Greyhound Bus Parcel Express to AGAT Laboratories in Burnaby, B.C. for geochemical analysis, as per the chain of custody form which appears in Appendix 1. The other duplicate sample pair was retained by the author, cut into 1 cm. thick slabs by the author using a rock saw, and analyzed using a binocular microscope with descriptions shown in Appendix 1. On August 17, 2012 final geochemical results were received from AGAT Laboratories in Report 12V623261, which is shown in Appendix 1.

Technical Data, Interpretation, Conclusions and Recommendations

The 2012 rock sample geochemistry data has been compiled with historic geochemistry data from the Macktush Property accumulated and documented by the author since 2003. Only the 2012 data is presented in detail in this report; historic data has been presented in previous assessment reports completed and submitted by the author (ARIS Report 28497, Houle, 2006; ARIS Report 28989, Houle, 2007). Locations of historic mineral occurrences documented on the Macktush Property also appear in Figure 2.

Elevated geochemistry results were obtained from 11 of the 21 rock samples, including highly elevated results from 2 samples, which will be described by location as follows:

Mineral Claim 398841:

E512360 and E5123080 – UTM NAD83 Zone 10N 364308E 5453874N 303 m. elev.

Select outcrop grab samples taken by the author (E512360) and Mr. McMaster (E5123080) from a 0.2 m. thick quartz-sulphide stringer zone with stringer orientations of 130/90 and 040/90 hosted in brecciated, silicified volcanics or felsic intrusive breccia, containing minor pyrite, traces chalcopyrite and sphalerite yielded values up to 107 ppm

Cu, 163 ppm Zn, 142 ppb Au, 193 ppm Cr. This stockwork zone is located about 150 m. north of the main mineralized exposure of the Christine Zone (see below).

E5123075 – UTM NAD83 Zone 10N 364333E 5453612N 323 m. elev.

Select outcrop grab sample taken by Mr. McMaster from a 0.3 m. thick siliceous and sulphidic zone oriented at 130/80 hosted by medium grained felsic intrusive, containing minor sulphides including pyrite and chalcopyrite yielded values of 137 ppb Au and 26.7 ppm Sb. This zone is located about 100 m. south of the Christine Zone (see below).

E5123079 – UTM NAD83 Zone 10N 364301E 5433725N 320 m. elev.

Select outcrop grab sample taken by Mr. McMaster from near the centre of the Christine Zone, a 17 m. wide exposure of siliceous quartz-sulphide stockwork zone oriented at 130/90 hosted by felsic intrusive, containing minor sulphides including pyrite and chalcopyrite yielded values of 158 ppm Cu, 103 ppm Ni and 312 ppm Cr. Two other select outcrop grab samples and four continuous representative chip samples from the Christine Zone failed to yield elevated values. See Figure 3 for mapping in this area.

Mineral Claim 604996:

E5123069 – UTM NAD83 Zone 10N 361219E 5452796N 511 m. elev.

Select outcrop grab sample taken by the author from a weakly magnetic, silicified porphyritic felsic intrusive foliated at 060/30 containing thin stockwork quartz stringers and minor sulphides including pyrite and chalcopyrite yielded a value of 27.5 ppm Sb.

E5123070 and E5123071 – UTM NAD83 Zone 10N 360418E 5452886N 620

Select outcrop grab samples 1 m. apart taken by the author from a trenched road-bed exposure of a magnetic, silicified and chloritic mafic volcanic containing minor sulphides including pyrite, chalcopyrite and bornite yielded values up to 433 ppm Cu, 10.9% Fe and 164 ppm Cr.

Mineral Claim 323199:

E5123072 – UTM NAD83 Zone 10N 365978E 5449395N 106 m. elev.

Select sub-crop sample from a 0.5 m. blast rock fragment of silicified, magnetic mafic volcanics containing minor chlorite-sulphides aggregates including pyrrhotite, pyrite and chalcopyrite yielded a value of 1230 ppm Ba.

E5123073 – UTM NAD83 Zone 10N 366074E 5449197N 97 m. elev.

Select outcrop grab sample from a 0.20 m. thick quartz vein within a porphyritic felsic intrusive dike oriented at 160/90 hosted by mafic volcanics containing minor sulphides including pyrite and chalcopyrite yielded a value of 324 ppm Cu.

Mineral Claim 530258:

E5123067 – UTM NAD83 Zone 10N 367570E 5443867N 32 m. elev.

Select outcrop grab sample from a 0.15 m. thick shear zone oriented at 105/90 hosted in felsic intrusive containing minor sulphides including pyrite, chalcopyrite, molybdenite and chalcocite yielded 669 ppm Mo, 6300 ppm Cu, 143 ppm Zn, 2.01 ppm Ag, 3.14 ppm Cd and 0.98 ppm Bi. This sample is located about 10 m. north of sample E5123068.

E5123068 – UTM NAD83 Zone 10N 367571E 5443858N 34 m. elev.

Select outcrop grab sample from a 0.5 m. thick zone of shears oriented at 070/80 and 000/80 hosted in felsic intrusive containing minor sulphides including pyrite, chalcopyrite, and bornite yielded 54.1 ppm Mo, 2790 ppm Cu, 111 ppm Zn, 5.0 ppm Ag, 1.49 ppm Cd and 3.71 ppm Bi. This sample is located about 10 m. south of sample E5123067.

Of the eleven samples with elevated geochemistry values, the most significant and highly elevated values were from the latter two samples E5123067 and E5123068, located on mineral claim 530258, about 2.5 km. ENE from the Macktush Veins and 3.5 km. ESE from the Bowl Zone (see Figure 2, and ARIS Reports 28497, Houle, 2006; and 28989, Houle, 2007). The distance between the 2012 sample locations and the historic showings is sufficient to host one or more significant, as yet undiscovered mineral deposits. This suggests that additional prospecting should be done in the area west from two samples, beginning with detailed stream moss mat sampling along the west-flowing creeks and systematic prospecting of any outcrops or new road exposures in the area.

Continued detailed prospecting is recommended for the immediate areas surrounding the other 9 sites with elevated geochemistry values. Other known targets and unexplored areas on the Property warrant continued systematic exploration programs. A 2 phase, 2 year, \$2.15 million exploration work program is proposed for the Macktush Property, summarized in Table 10 with key points for year 1 as follows:

Phase 1 Year 1 - \$850,000

- Geophysicist to model 2005 airborne geophysical data to optimize targets for ground follow up work, possibly including targeted ground geophysical programs
- Prospector to continue inspecting and if warranted, prospecting new logging roads, and to establish and maintain cooperation with tenure holders
- Geologist and 3 field assistants to conduct GPS-grid based soil geochemistry, prospecting and mapping of Rex target extensions, Cous target, and West target, plus assumed other new target derived from geophysics; geologist to model data as received to establish priority trenching and drilling targets
- Upon receipt of exploration permit, Prospector to supervise construction of new access trails, repairs to existing roads required to undertake trenching and diamond drilling of priority targets, supervised by Geologist, with all required reports to follow
- Phase 2 – Year 2 program and other future programs subject to change based on results and recommendations from Phase 1 – Year program.

Table 10 – Macktush Property Proposed Work Program

Phase 1 – Year 1				
Item	Units	Unit Cost	Scheduling	Program Cost
Modeling airborne geophysics	10 days for 1 geophysicist	\$1,000 per day	Spring	\$ 10,000
Prospecting	20 days for 1 prospector	\$500 per day	Spring	\$ 10,000
Geochemistry/geology - Rex target	10 days for 1 geologist, 3 samplers	\$5,000 per day	Summer	\$ 50,000
Geochemistry/geology - Cous target	10 days for 1 geologist, 3 samplers	\$5,000 per day	Summer	\$ 50,000
Geochemistry/geology - West target	10 days for 1 geologist, 3 samplers	\$5,000 per day	Summer	\$ 50,000
Geochemistry/geology - Other target	10 days for 1 geologist, 3 samplers	\$5,000 per day	Summer	\$ 50,000
Access trails / road repairs/trenching	20 days for 1 backhoe, 1 prospector	\$2,500 per day	Fall	\$ 50,000
Diamond Drilling – 2000 metres	30 days, 1 drill, 1 geologist, 1 sampler	\$250 per metre	Fall	\$ 500,000
Reports	20 days for 1 geologist	\$750 per day	Winter	\$ 15,000
Contingency				\$ 65,000
Phase 1 Sub-total			1 Year	\$ 850,000
Phase 2 – Year 2				
Item	Units	Unit Cost	Scheduling	Program Cost
Access trails / road repairs/trenching	20 days for 1 backhoe, 1 prospector	\$2,500 per day	Spring	\$ 50,000
Prospecting	20 days for 1 prospector	\$500 per day	Spring	\$ 10,000
Property geological mapping	30 days for 1 geologist, 1 assistant	\$2,500 per day	Summer	\$ 75,000
Geochemistry/geology - Other target	10 days for 1 geologist, 3 samplers	\$5,000 per day	Summer	\$ 50,000
Diamond Drilling – 4000 metres	60 days, 1 drill, 1 geologist, 1 sampler	\$250 per metre	Summer/Fall	\$ 1,000,000
Reports	20 days for 1 geologist	\$750 per day	Winter	\$ 15,000
Contingency				\$ 100,000
Phase 2 Sub-total			1 Year	\$ 1,300,000
Phases 1 and 2 (2 Years)				
Phases 1 and 2 Combined			2 years	\$ 2,150,000

Additional work programs may be recommended conditional upon results.

Respectfully submitted by:



Jacques Houle, P.Eng.



Author's Qualifications

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

I am currently self-employed as a consulting geologist by:
Jacques Houle, P.Eng. Mineral Exploration Consulting
6552 Peregrine Road, Nanaimo, British Columbia, Canada V9V 1P8

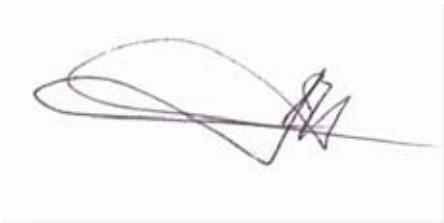
I graduated with a Bachelor's of Applied Science degree in Geological Engineering with specialization in Mineral Exploration from the University of Toronto in 1978.

I am a member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia, the Society of Economic Geologists, the Association for Mineral Exploration British Columbia, and the Vancouver Island Exploration Group; I am also a member of the Technical Advisory Committee for Geoscience B.C., and of the advisory committee for the Earth Science Department of Vancouver Island University.

I have worked as a geologist for 34 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 9 years as a mineral exploration consultant.

I previously worked on the Macktush Property from 2003 to 2007, and in 2011, and I am independent of Nahminto Resources Ltd.

Dated this 19th day of August, 2012.

A handwritten signature in dark ink, appearing to read 'J. Houle', is written over a horizontal line. The signature is stylized and somewhat cursive.

Signature of Author

Jacques Houle, P.Eng
Print name of Co-author

References

B. C. Ministry of Energy and Mines websites:

Assessment Reports

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

Landowner Notification

<http://www.empr.gov.bc.ca/Titles/MineralTitles/Admin/Notices/Pages/LandownerNotification.aspx>

MapPlace

<http://www.empr.gov.bc.ca/Mining/Geoscience/MapPlace/Pages/default.aspx>

Mineral Deposit Profiles

<http://www.empr.gov.bc.ca/Mining/Geoscience/MineralDepositProfiles/Pages/default.aspx>

MINFILE

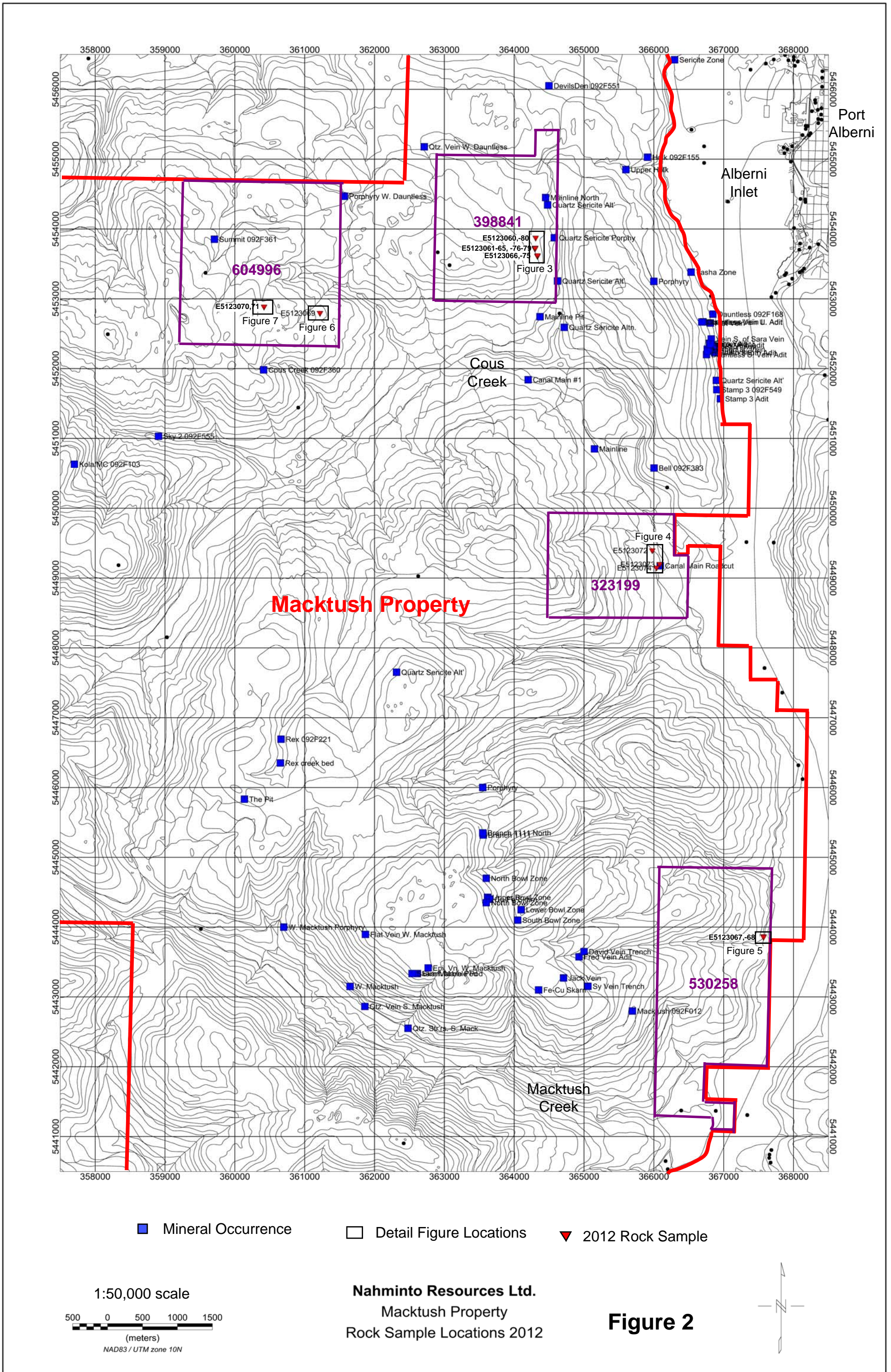
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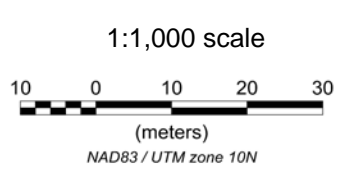
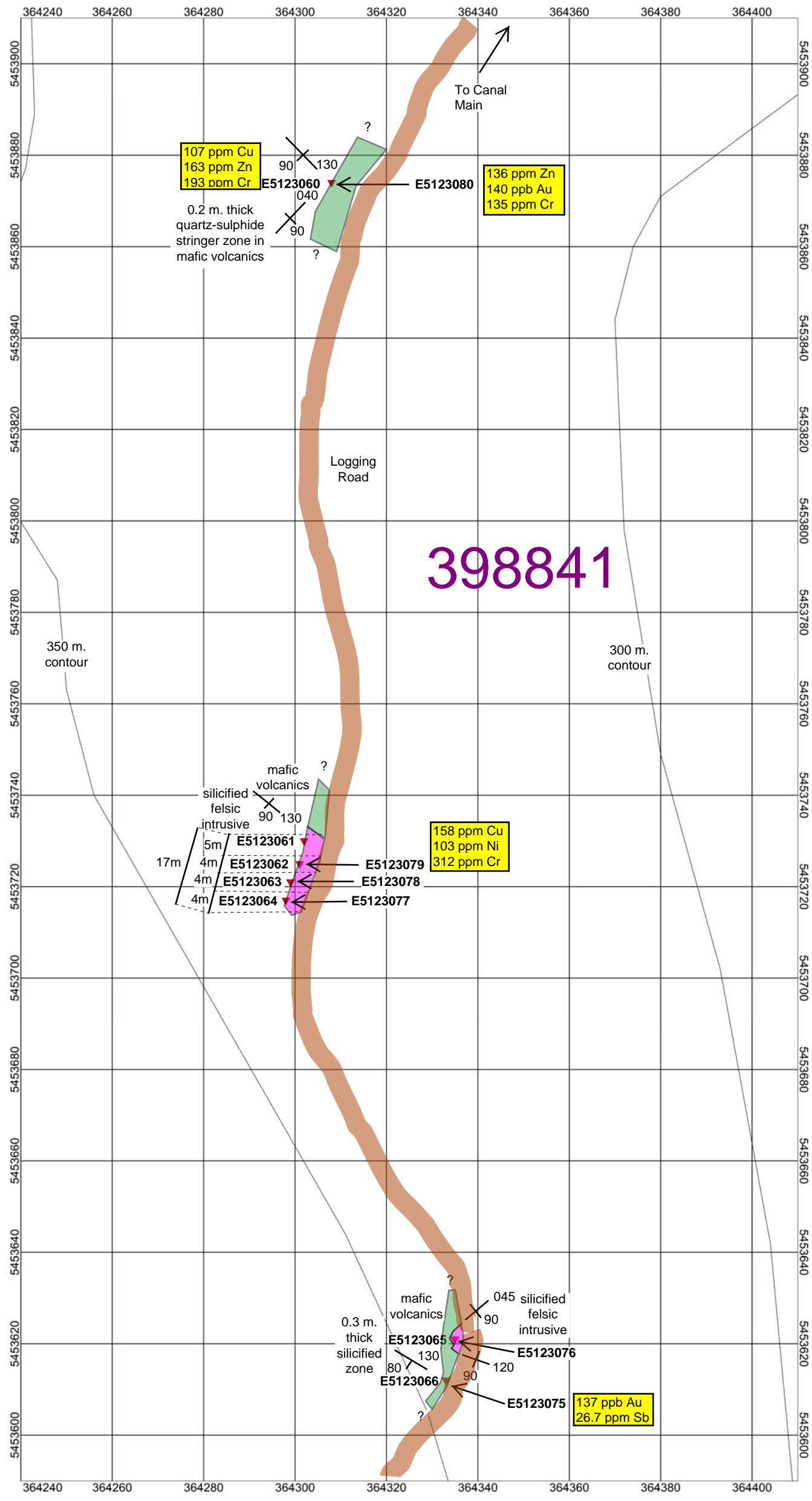
Ministry Publications

<http://www.empr.gov.bc.ca/Mining/Geoscience/PublicationsCatalogue/Pages/default.aspx>

Mineral Titles Online

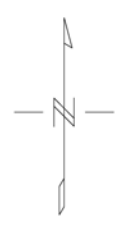
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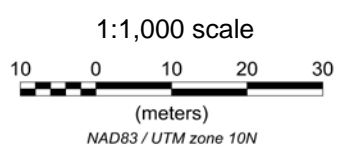
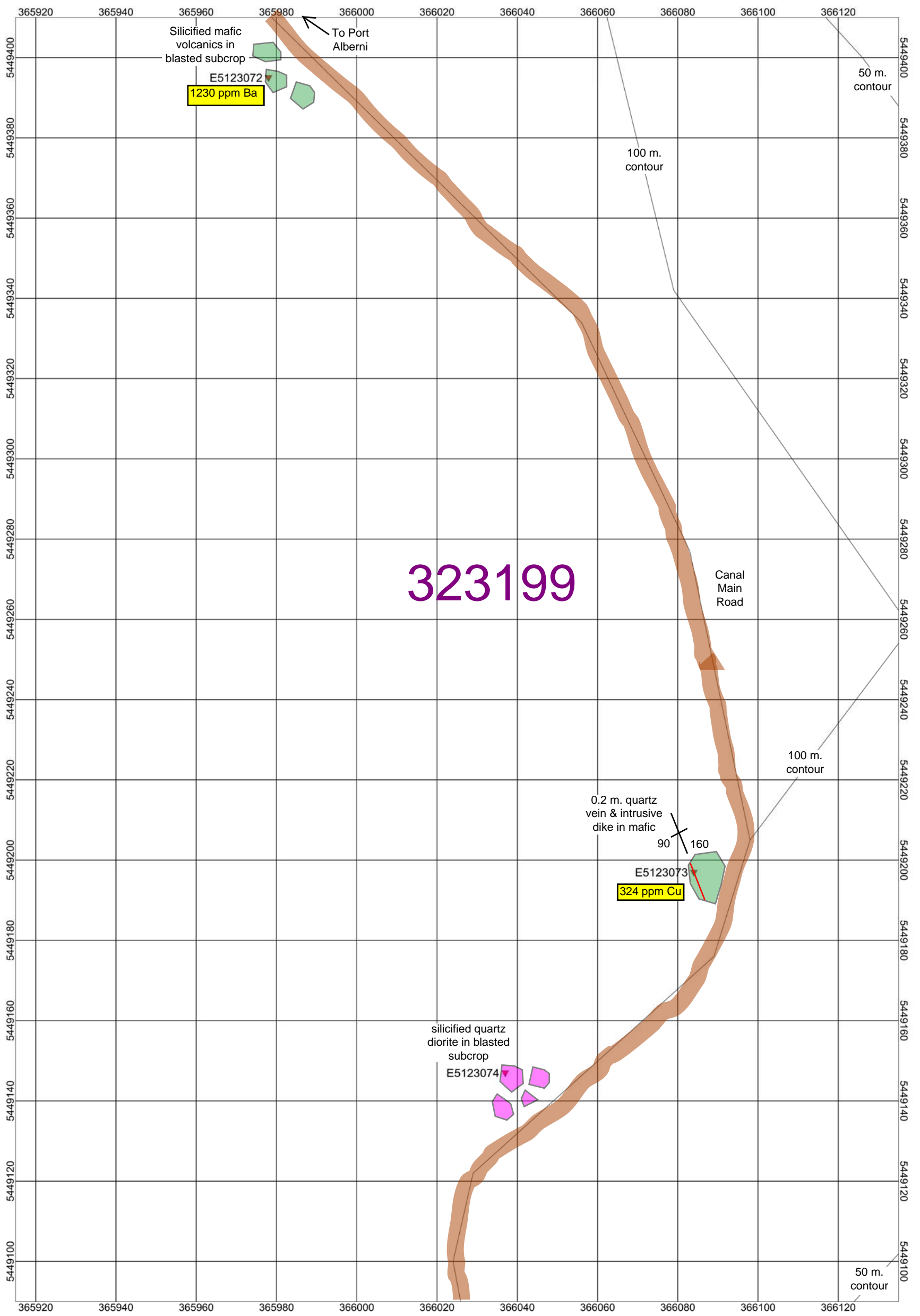




Nahminto Resources Ltd.
 Macktush Property Christine Zone
 2012 Rock Sample Locations and Mapping
 and Geochemistry Highlights

Figure 3

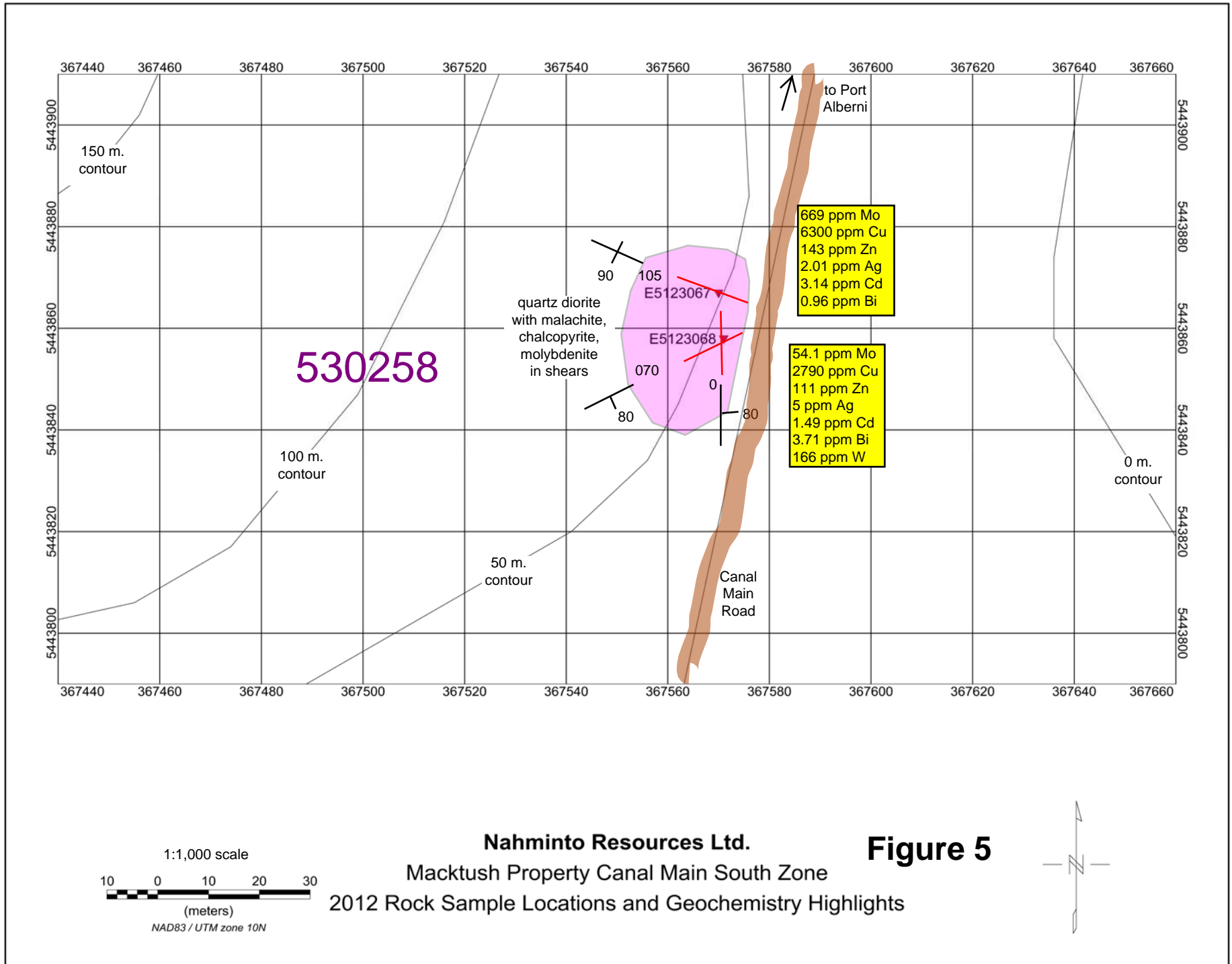


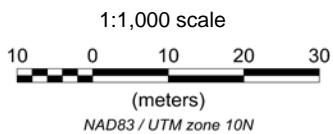
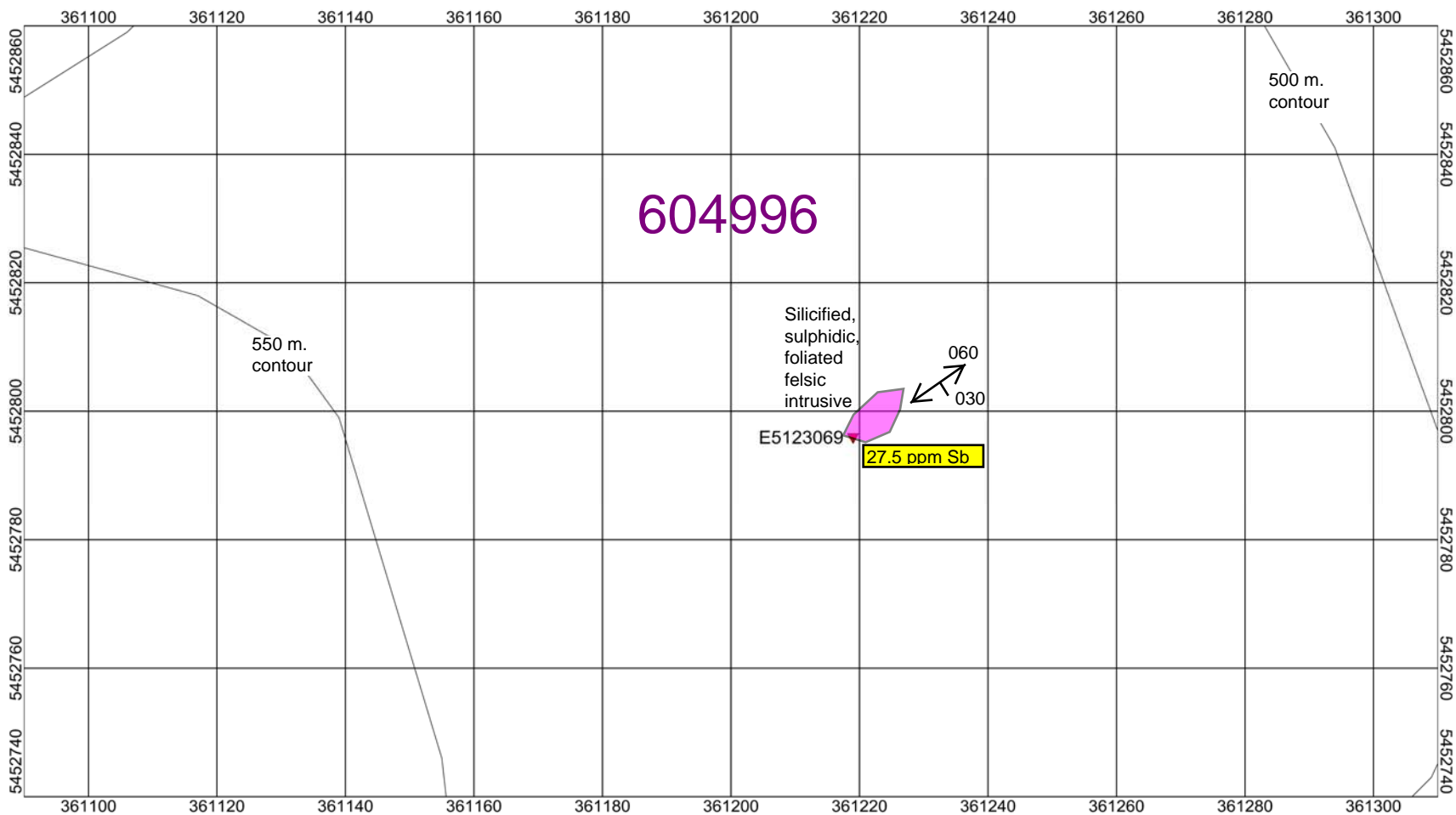


Nahminto Resources Ltd.
 Macktush Property Canal Main North Zone
 2012 Rock Sample Locations and Geochemistry Highlights

Figure 4

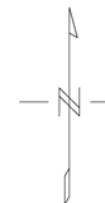


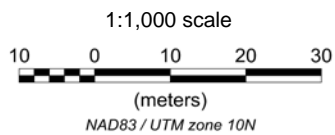
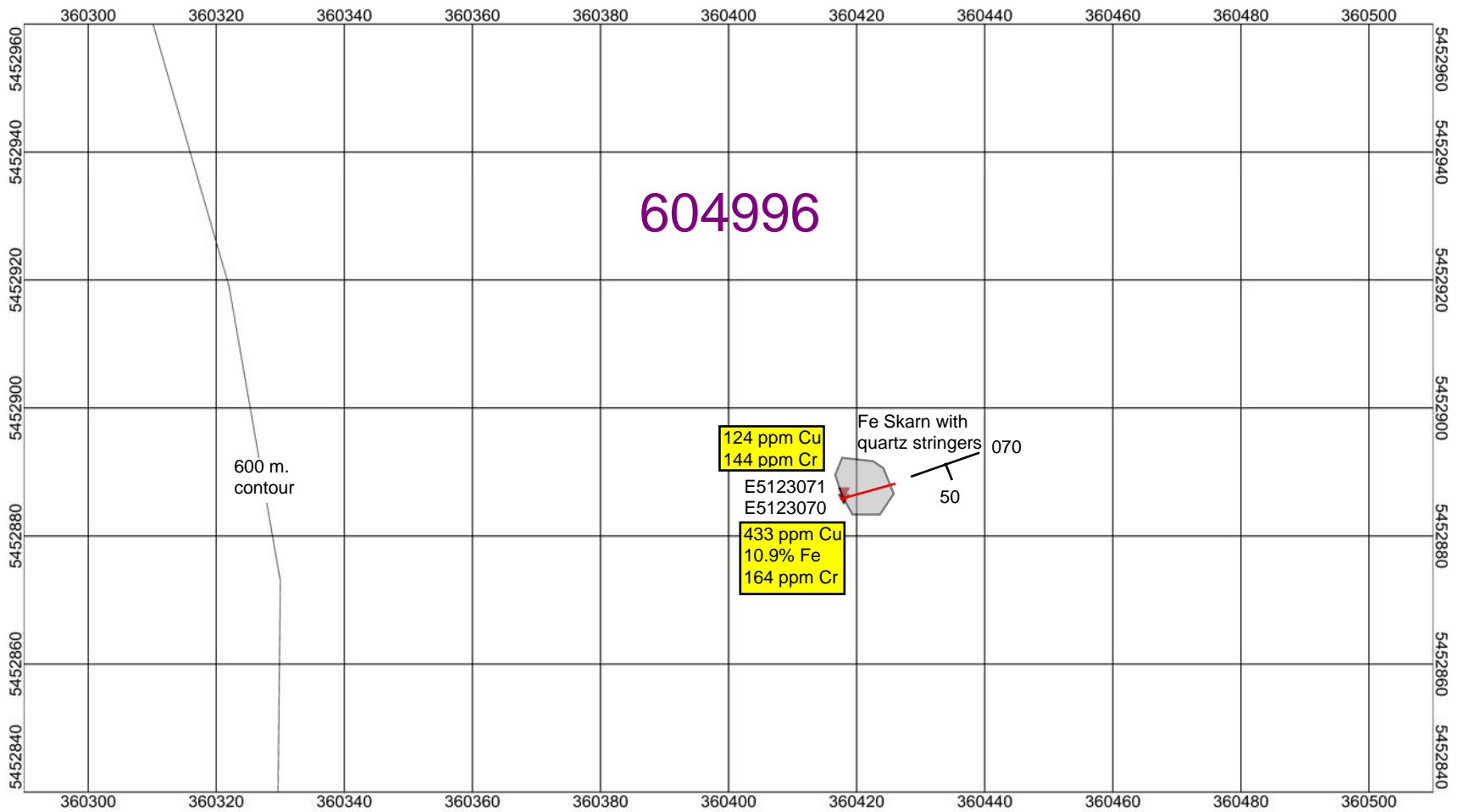




Nahminto Resources Ltd.
 Macktush Property Cous & Summit East Zone
 2012 Rock Sample Locations and Geochemistry Highlights

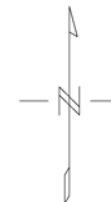
Figure 6





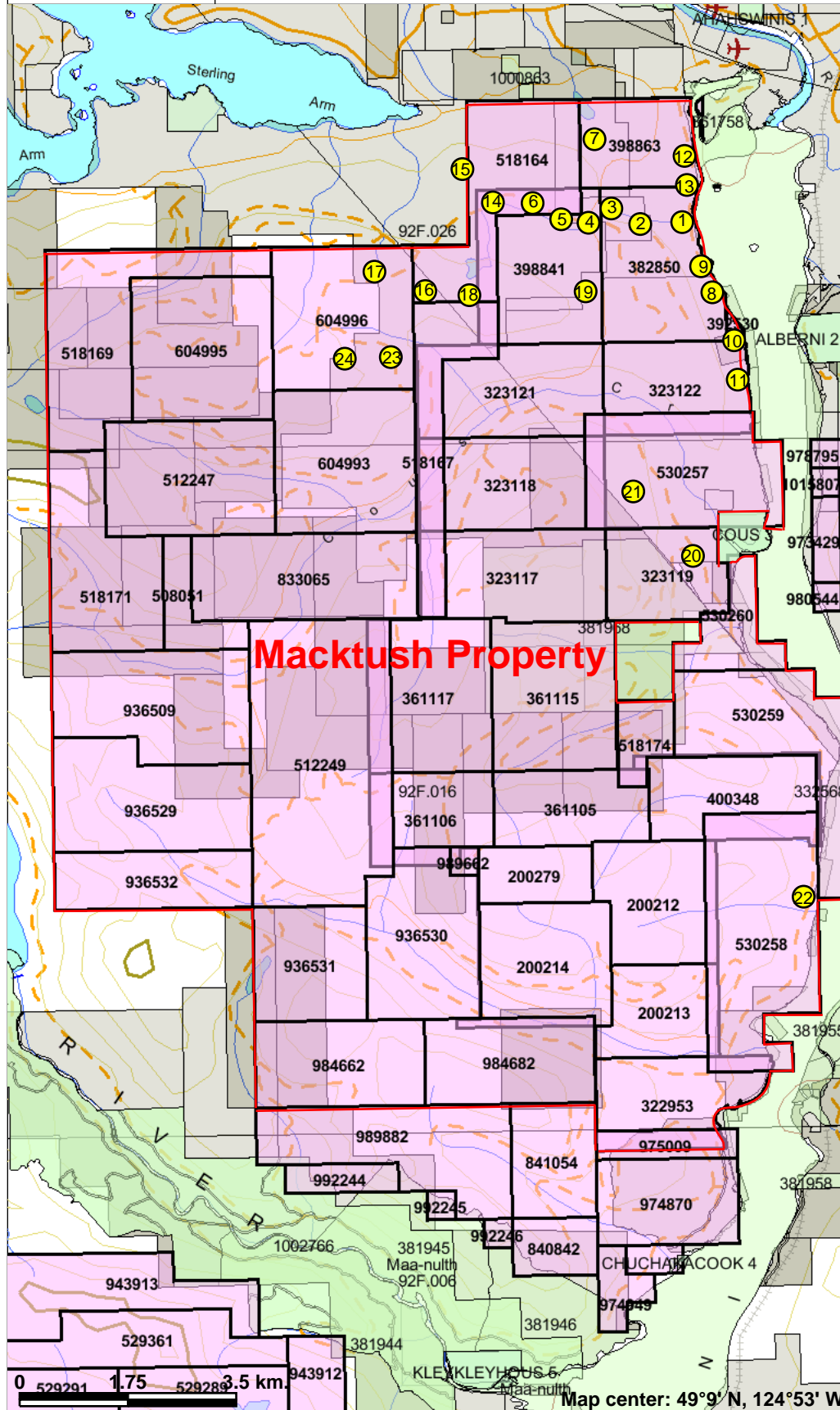
Nahminto Resources Ltd.
 Macktush Property Cous & Summit West Zone
 2012 Rock Sample Locations and Geochemistry Highlights

Figure 7



Macktush Property 2012 Prospecting Locations

see details in Appendix 3



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Survey Parcels
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Area of Exclusion
- Area of Indefinite Contours
- Annotation (1:250K)
- Transportation - Points (1:250K)
- Airfield
- Anchorage - Seaplane
- Ferry Route
- Heliport
- Seaplane Base
- Air Field
- Airport
- Air Feature - Condition Unknown
- Airport.Abandoned
- Transportation - Lines (1:250K)
- Ferry Route
- Aerial Cableway
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 3 Lanes
- Road - Paved.lanes.2or More.Divided
- Road (Paved Undivided) - Not Elevated - 1 Lane
- Road (Paved Undivided) - Not Elevated - 2 Lanes
- Road - Paved.lanes.3or More.Undivided

Scale: 1:100,000

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

Figure 8

Appendix 1
Sampling and Geochemistry Data

2003-2012 Rock Sample Locations for SYMC Projects

Sample #	Date	Property	Location	Details	Easting	Northing	Elevation
E5123060	16-Jul-12	J.Houle	Logging Rd West Side Canal Main	Select outcrop grab from west side logging road cut of 0.2m. Thick quartz-sulphide stringer zone @ 130/90 and 040/90 in silicified volcanics containing 2% Py, trace Cpy, trace Sph? (Herb sample #6)	364308	5453874	303
E5123061	16-Jul-12	J.Houle	Logging Rd West Side Canal Main	5 m.Representative outcrop chip along west side logging road cut 0-5 m. from north end of 17 m. thick silica-sulphide zone in possible quartz diorite containing 5% Pv, traces Cpv, Bo	364302	5453730	320
E5123062	16-Jul-12	J.Houle	Logging Rd West Side Canal Main	4 m.Representative outcrop chip along west side logging road cut 5-9 m. from north end of 17 m. thick silica-sulphide zone in possible quartz diorite containing 5% Pv, traces Cpv, Bo (Herb sample #5)	364301	5453725	320
E5123063	16-Jul-12	J.Houle	Logging Rd West Side Canal Main	4 m.Representative outcrop chip along west side logging road cut 9-13 m. from north end of 17 m. thick silica-sulphide zone in possible quartz diorite containing 5% Pv, traces Cpv, Bo (Herb sample #4)	364299	5453721	320
E5123064	16-Jul-12	J.Houle	Logging Rd West Side Canal Main	4 m.Representative outcrop chip along west side logging road cut 13-17 m. from north end of 17 m. thick silica-sulphide zone in possible quartz diorite containing 5% Pv, traces Cpv, Bo (Herb sample #3)	364298	5453717	320
E5123065	16-Jul-12	J.Houle	Logging Rd West Side Canal Main	Select outcrop grab from west side logging road cut of 0.20 m. thick siliceous and sulphidic zone in 2 m. body of possible quartz diorite with rusty fractures containing 2% Py, trace Cpy (Herb sample #2)	364335	5453621	323
E5123066	16-Jul-12	J.Houle	Logging Rd West Side Canal Main	Select outcrop grab from west side logging road cut of 0.3 m. thick siliceous and sulphidic zone @ 130/080 in mafic volcanics (Herb sample #1)	364333	5453612	323
E5123067	16-Jul-12	J.Houle	Canal Main west side road cut	Select outcrop grab of 0.15 m. thick shear zone @ 105/90 in quartz diorite containing traces Py, Cpy, MoS ₂ , Cc? in mafic clusters, malachite, moly locally in shear planes	367570	5443867	32
E5123068	16-Jul-12	J.Houle	Canal Main west side road cut	Select outcrop grab of 0.5 m. thick zone of rusty, malachitic shears @ 070/80, 000/80 in quartz diorite containing 0.5% Cpy, 0.1% Bo	367571	5443858	34
E5123069	17-Jul-12	J.Houle	Cous Creek Area S. of Summit Main	Select outcrop grab from east side logging road cut of silicified and sulphidic felsic intrusive foliated @ 060/30 containing 1% Py, 0.2% Cpy, possible trace Asp as fine grained disseminations	361219	5452796	511
E5123070	17-Jul-12	J.Houle	Cous Creek Area S. of Summit Main	Select subcrop grab from trenched bed of north-south logging road of Fe Skarn with 2% quartz stringers @ 070/50 containing 80% Mt, 0.5% Py, 0.5% Cpy in blebs and stringers	360418	5452886	620
E5123071	17-Jul-12	J.Houle	Cous Creek Area S. of Summit Main	Select subcrop grab from trenched bed of north-south logging road of Fe Skarn with 15% quartz stringers containing 70% Mt, 2% Py, 0.5% Cpy in blebs and stringers	360418	5452887	620
E5123072	18-Jul-12	J.Houle	Canal Main west side road cut	Select subcrop grab from 0.5 m. blast rock of silicified volcanics with minor epidote, minor Py, Cpy, Bo	365978	5449395	106
E5123073	18-Jul-12	J.Houle	Canal Main west side road cut	Select outcrop grab from 0.20 m. thick 50% quartz vein and 50% intrusive dike @ 160/90 in volcanics with minor chlorite, minor Py, rare Cpy	366084	5449197	97
E5123074	18-Jul-12	J.Houle	Canal Main west side road cut	Select subcrop grab from 0.2 m. blast rock of fine grained quartz diorite with 25% silica, 10% disseminated Py, rare Cpy	366037	5449147	100
E5123075	Jun/Jul-12	H.McMaster	Logging Rd West Side Canal Main	Herb Sample #1 - select grab	364333	5453612	323
E5123076	Jun/Jul-12	H.McMaster	Logging Rd West Side Canal Main	Herb Sample #2 - select grab	364335	5453621	323
E5123077	Jun/Jul-12	H.McMaster	Logging Rd West Side Canal Main	Herb Sample #3 - select grab	364298	5453717	320
E5123078	Jun/Jul-12	H.McMaster	Logging Rd West Side Canal Main	Herb Sample #4 - select grab	364299	5453721	320
E5123079	Jun/Jul-12	H.McMaster	Logging Rd West Side Canal Main	Herb Sample #5 - select grab	364301	5453725	320
E5123080	Jun/Jul-12	H.McMaster	Logging Rd West Side Canal Main	Herb Sample #6 - select grab	364308	5453874	303

2003-2012 Sample Descriptions for SYMC Projects

Sample # Description

E5123060 Pale green fine grained felsic intrusive breccia with 20% dark grey chloritic coarse grained angular volcanic clasts, 5% quartz+/- sulphide stockwork stringers containing 1% fine grained sulphide blebs and stringers consisting mainly of chalcocopyrite

E5123061 Pale, grey porphyritic felsic intrusive with 70% siliceous groundmass, 20% medium grained feldspar phenocrysts, 2% medium grained elongated chloritic clasts, 8% vuggy quartz-calcite-sulphide stockwork stringers containing 1% sulphides consisting of 0.5% fine grained chalcocopyrite, 0.25% fine grained sphalerite?, 0.25% coarse grained, rusty pyrite

E5123062 Pale grey, fine grained felsic intrusive with 80% siliceous groundmass, 10% quartz eyes, 5% medium grained twinned chlorite/actinolite clasts, 5% quartz-calcite-sulphide stockwork stringers containing 0.5% sulphides mainly fine grained pyrite veinlet aggregates, 0.25% dull grey mineral, trace chalcocopyrite

E5123063 Grey, porphyritic felsic intrusive with 50% siliceous groundmass, 30% medium grained feldspar phenocrysts, 5% medium grained platy chloritic clasts, 5% thin quartz-calcite-sulphide seams or clusters containing 0.25% sulphides including chalcocopyrite, pyrite

E5123064 Grey, porphyritic felsic intrusive with 50% siliceous groundmass, 40% medium grained feldspar phenocrysts, 8% chlorite-calcite clasts, 2% thin, rusty quartz-calcite-sulphide seams containing trace fine grained chalcocopyrite blebs

E5123065 Pale green, fine grained felsic intrusive breccia with 20% dark grey chlorite-calcite+/-sulphide clasts containing 0.5% medium grained clusters of rusty, vuggy chalcocopyrite

E5123066 Grey, porphyritic felsic intrusive with 50% siliceous groundmass, 35% medium grained feldspar-calcite phenocrysts, 5% chlorite-calcite-sericite clasts, 10% tan-rimmed, rusty and vuggy quartz-calcite-sulphide stringers containing trace very fine grained chalcocopyrite blebs

E5123067 Grey, green, white and orange, highly sheared, locally malachitic, rusty and vuggy medium grained felsic intrusive containing 5% fine-medium grained sulphides in zoned clusters elongated with shearing including 4% chalcocopyrite, 1% pyrite, trace molybdenite

E5123068 White and green, medium grained, chloritic quartz diorite with 30% medium grained chlorite+/-sulphide aggregates containing 1% fine grained in clusters sulphides including 0.5% pyrite, 0.5% chalcocopyrite, trace bornite

E5123069 Beige and red, medium grained, weakly magnetic, porphyritic felsic intrusive with 25% feldspar phenocrysts, 5% thin quartz stockwork stringers, 10% medium grained aggregates of 5% quartz, 4% rust-rimmed specularite?, 1% fine grained pyrite

E5123070 Dark grey, fine grained, magnetic, chloritic and sulphidic mafic volcanic containing 3% fine grained disseminated to clustered sulphides consisting of 2% chalcocopyrite, 1% pyrite, trace bornite

E5123071 Dark grey and red, weakly magnetic, chloritic, silicified and sulphidic mafic volcanic containing 5% fine grained clustered to disseminated mainly pyrite, trace chalcocopyrite, and 5% rusty quartz stockwork stringers

E5123072 Pale grey and black, magnetic, highly silicified fine grained volcanics? 10% fine chlorite-sulphide aggregates containing 5% sulphides including 2% pyrrhotite, 2% pyrite, 1% chalcocopyrite

E5123073 Pale grey, locally porphyritic or massive fine grained felsic intrusive containing 30% feldspar phenocrysts, 10% chlorite-quartz seams, 5% chloritic clasts, trace fine grained rusty sulphide aggregates mainly chalcocopyrite

E5123074 Grey and green, medium grained, chloritic and sulphidic felsic intrusive or possibly hornfelsed mafic volcanic? Containing 5% fine disseminated, clustered and stringer sulphides consisting mainly of pyrite, trace chalcocopyrite

E5123075 Pale green to locally tan, medium grained felsic intrusive with 50% tan altered feldspars, 3% disseminated to clustered sulphides consisting of 2% pyrite, 1% chalcocopyrite

E5123076 Grey and green, medium grained, chloritic felsic intrusive with 20% chlorite clasts containing trace sulphide grains, mainly pyrite

E5123077 Pale grey, silicified, porphyritic felsic intrusive with 10% stockwork quartz stringers, 5% fine to medium grained stringer and disseminated sulphides mainly pyrite, trace chalcocopyrite

E5123078 Grey, porphyritic felsic intrusive with 10% chlorite-sericite clasts, trace fine grained sulphides mainly pyrite

E5123079 Dark grey-green, pervasively silicified and recrystallized (hornfelsed) mafic volcanics containing 30% quartz+/-calcite-garnet-sulphide stringers and eyes, 0.5% fine grained sulphide aggregates mainly pyrite trace chalcocopyrite

E5123080 Dark green and white, silicified volcanic breccia with 20% chloritic clasts, 10% quartz stockwork stringers and eyes, 0.5% very fine sulphides in clusters mainly in chlorite clasts cut by quartz stringers or eyes

Sample Number	Eastng metres	Northng metres	Elevation metres	Geology Code	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	Re ppm	Au** ppm	Sample gm				
E5123060	364308	5453874	303		2.83	107	4.9	163	0.04	52.2	32.1	2240	7.08	7.8	0.163	62	0.4	107	0.16	0.81	0.3	244	6.71	456	5.6	133	3.04	224	0.5	6.73	0.98	1.03	0.6	28.9	0.5	2.1	14.5	0.8	0.13	0.005	0.06	1.35						
E5123061	364302	5453730	320		1.16	19.7	2.7	9.1	<0.01	<0.2	1.85	198	1.13	1.2	3.1	97	6.5	119	0.04	0.24	0.05	7.6	0.62	182	15.5	19.3	0.22	774	0.08	6.07	2.7	2.17	0.9	1.8	0.08	0.13	11.4	<0.5	0.07	0.004	0.10	1.76						
E5123062	364301	5453725	320		1.34	31.5	2.7	9.6	<0.01	0.6	2.25	194	1.24	1.6	2.65	97	6	109	0.05	0.39	0.07	8.2	0.5	154	11.9	36.6	0.21	846	0.07	3.53	2.67	2.3	0.7	1.5	0.07	0.22	11.2	<0.5	0.09	0.004	0.10	1.48						
E5123063	364299	5453721	320		1.2	9.3	3	11	<0.01	<0.2	1.67	204	1.03	1.6	2.77	36	5.9	122	0.04	0.24	0.03	7.6	0.84	136	14	7.2	0.17	603	0.07	3.66	2.97	1.8	0.7	1.4	0.07	0.12	11	<0.5	0.08	0.003	0.04	1.35						
E5123064	364298	5453717	320		1.16	10.7	2.7	22.8	<0.01	0.8	1.54	215	1.03	1.2	2.92	5	6	143	0.07	0.25	0.02	7.7	0.5	131	14.4	31.4	0.17	608	0.08	3.82	3.37	1.77	0.7	1.5	0.08	0.02	11.3	<0.5	0.04	0.003	0.01	1.37						
E5123065	364335	5453621	323		0.77	15.1	3	16.1	<0.01	1	4.91	383	1.79	4.2	1.54	<2	2.7	166	0.06	0.34	0.03	40.9	1.13	302	10.7	23.8	0.48	561	0.14	3.94	2.81	1.82	0.6	3.7	0.14	0.11	15.1	<0.5	0.04	0.004	<0.002	1						
E5123066	364333	5453612	323		2.85	29.6	1.5	16.8	<0.01	0.9	4.58	493	1.7	2.3	1.42	2	3.6	97.7	0.06	2.8	0.02	38.4	3.51	295	13.6	4.8	0.44	789	0.12	5.23	1.2	2.49	0.5	4.8	0.12	0.11	14	<0.5	0.04	0.004	0.00	2.42						
E5123067	367570	5443867	32		669	6300	5.8	143	2.01	2.5	17.8	671	4.16	3.6	1.8	16	3.3	154	3.14	0.38	0.98	127	5.81	485	12.7	19.1	1.28	274	0.31	6.99	1.82	0.91	3.7	17.4	0.31	1.24	16.6	4.4	0.06	0.073	0.02	1.7						
E5123068	367571	5443858	34		54.1	2790	5.6	111	5	2.2	16.1	768	4	2.1	1.36	16	3.2	224	1.49	0.27	3.71	138	2.63	465	11.2	12.9	1.37	730	0.33	5.55	2.64	1.78	168	15.7	0.33	0.59	16	2.5	0.08	0.005	0.02	1.28						
E5123069	361219	5452796	511		3.92	27.2	3.3	35.5	<0.01	4.1	12.2	568	3.52	2.9	0.66	16	2.1	63.4	0.08	27.5	0.02	117	3.67	470	9	29.4	1.3	110	0.3	5.07	0.6	0.81	2.3	13.5	0.3	0.45	14.2	<0.5	<0.01	0.005	0.02	1.13						
E5123070	360418	5452886	620		2.73	433	1.8	70	0.16	86.7	75.8	1790	10.9	2.5	0.247	<2	0.4	310	0.11	0.39	0.24	346	5.91	458	5	164	3.66	157	0.85	6.46	2.13	0.38	0.7	34	0.85	3.15	19	1.8	0.28	0.006	<0.002	1.24						
E5123071	360418	5452887	620		1.21	124	1	50.2	<0.01	48.1	40.9	1510	8.59	2.6	0.859	<2	0.9	215	0.03	0.31	0.18	264	5.43	389	8.2	144	3.85	146	0.71	7.35	2.41	0.23	0.9	38.2	0.71	1.82	14.4	1.3	0.22	0.004	<0.002	1.27						
E5123072	365978	5449395	106		2.2	21.5	2.2	11.3	<0.01	0.9	5.96	243	1.71	1.2	1.17	<2	2.3	286	0.06	0.59	0.33	38.1	1.74	298	8.8	8.9	0.41	1230	0.17	3.73	2.98	1.86	0.7	3.3	0.17	0.39	14.2	<0.5	0.34	0.004	<0.002	0.96						
E5123073	366084	5449197	97		1.84	324	1.4	17.1	0.05	0.7	21.5	167	3.32	9.9	1.17	<2	2.7	219	0.09	0.41	0.05	51.9	2.33	353	7.2	19.9	0.57	142	0.2	4.61	3.24	0.5	0.4	6.4	0.2	0.31	17.2	<0.5	0.01	0.004	<0.002	1.89						
E5123074	366037	5449147	100		0.84	4.9	1.2	33.5	<0.01	8.4	18.7	494	5.24	1.2	0.392	12	1.1	320	0.04	0.36	0.19	193	3.44	922	7.5	27.1	2.52	402	0.39	7.41	3.72	0.76	0.5	22.1	0.39	2.17	15.8	1.1	0.18	0.005	0.01	1.43						
E5123075	364333	5453612	323		2.23	65.8	2.6	21.5	<0.01	3.1	8.84	395	2.52	11.6	1.5	137	2.9	31.1	0.08	26.7	0.05	42.1	0.86	283	11	13.1	0.23	813	0.13	3.95	0.61	2.96	0.8	3.5	0.13	0.3	15	<0.5	0.14	0.004	0.14	0.55						
E5123076	364335	5453621	323		5.11	2.7	7.7	35.5	<0.01	0.7	5.34	446	1.99	4.4	1.53	<2	2.9	265	0.08	0.4	0.05	42.7	1.93	332	10.4	4	0.55	876	0.15	4.84	2.82	2.1	0.5	4.3	0.15	0.21	15	<0.5	0.19	0.003	<0.002	0.64						
E5123077	364298	5453717	320		1.19	12.1	2.8	7.5	<0.01	0.5	1.95	255	1.16	3.1	2.31	4	5.5	63.4	0.05	0.26	0.03	6.7	1.52	114	8.5	21	0.16	533	0.06	3.43	1.94	2.25	0.5	1.6	0.06	0.47	11.3	<0.5	0.09	0.004	0.00	0.67						
E5123078	364299	5453721	320		3.38	0.3	5.7	36	<0.01	0.7	4.91	492	1.78	1.8	1.66	<2	3.2	292	0.06	0.23	0.03	41.4	2.17	305	12.2	4.4	0.47	755	0.13	4.77	2.75	1.75	0.6	4.7	0.13	0.12	15	<0.5	0.02	0.004	<0.002	0.38						
E5123079	364301	5453725	320		0.65	158	1.4	70.8	0.04	103	40.7	1430	8.06	2.2	0.214	46	0.5	250	0.09	0.82	0.04	361	4.15	464	5.3	312	4.41	123	0.85	6.91	1.22	0.21	0.2	37.8	0.85	0.51	16.4	0.9	0.21	0.005	0.05	0.82						
E5123080	364308	5453874	303		4.57	22.6	3.3	136	<0.01	45	33.9	2420	6.78	15.1	0.108	140	0.2	102	0.07	0.66	0.49	197	7.74	282	4.2	135	2.36	134	0.33	2.79	0.05	0.63	0.6	17.5	0.33	2.73	12.4	1.2	<0.01	0.007	0.14	0.92						



AGAT Laboratories

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Mississauga, ON
L4Z 1N9

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Chain of Custody Record - Mining

P: 905.501.9998 • F: 905.501.0589

Report To
 Company: Jacques Houle P.Eng. Mineral Exploration Consu
 Contact: Jacques Houle
 Address: 6552 Peregrine Road
 Nanaimo, British Columbia
 Phone: 250-390-3930 Fax: _____
 AGAT Quote #: 12-700
 Client Project #: 2012 Assay Pricing

Report Information
 Name: Jacques Houle
 Email: jhoule06@shaw.ca
Analysis Authorization
 Name: Jim Simpson
 Email: jimhsimpson@earthlink.net

Report Format
 Single Package per page
 Multiple Packages per page
 Excel Format Included

Laboratory Use Only
 Arrival Condition: Good Poor (complete notes)
 AGAT WO#: _____
 Received: _____
 Notes: _____

Turnaround Time Required (TAT)
 Regular TAT Rush TAT
Rush surcharges may apply

Material Matter
 Drill Core Pulp
 Rock Water
 Till/Soil/Silt Other (specify below)
 Concentrate _____

Invoice To Same Yes / No
 Company: _____
 Contact: _____
 Address: _____
 Phone: _____ Fax: _____
 PO#: _____

AGAT Analysis Method

Sample Sequence Number		Quantity	AGAT Analysis Method															
From	To		201071	202051														
E5123060	E5123080	21	✓	✓														

Grade Trace Ore

Sample Preparation
 No Prep Required - Run as Received
 AGAT Sample Prep Code (specify below)
 211001
 Other _____

Sample Storage
(Pulp and Reject Material Handling Upon Analysis Completion)
 Return to Client
 Discard Material
 Store Reject for 60 days (and return to client)
 Store Pulp for 90 days (and return to client)
 Store beyond 60/90 days (Storage fees apply)

Courier
 Greyhound Bus Parcel Express
 Print Name _____
 Date _____ Page 1 of 1
 Date _____

Samples Relinquished by (print name & sign): Jacques Houle

Date/Time: July 20, 2012

Samples Received by (print name & sign): _____
 Date/Time: _____

Special Instruction
 Two (2) rice bags with Security Tags 0020303 and 0020400

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION
6552 PEREGRINE ROAD
NANAIMO, BC V9V1P8
(250) 390-3930

ATTENTION TO: JACQUES HOULE

PROJECT NO: 2012 Assay Pricing

AGAT WORK ORDER: 12V623261

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Aug 17, 2012

PAGES (INCLUDING COVER): 11

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 12V623261

PROJECT NO: 2012 Assay Pricing

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MISSISSAUGA, ONTARIO
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CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Jul 23, 2012

DATE RECEIVED: Jul 23, 2012

DATE REPORTED: Aug 17, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	RDL:	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.2	0.01
E5123060		0.04	6.73	7.8	224	0.26	0.30	6.71	0.16	13.6	32.1	193	1.07	107	7.09
E5123061		<0.01	6.07	1.2	774	1.17	0.05	0.62	0.04	26.3	1.85	19.3	0.44	19.7	1.13
E5123062		<0.01	3.53	1.6	846	0.97	0.07	0.50	0.05	20.0	2.25	36.6	0.35	31.5	1.24
E5123063		<0.01	3.66	1.6	603	0.92	0.03	0.84	0.04	23.8	1.67	7.2	0.37	9.3	1.03
E5123064		<0.01	3.82	1.2	608	1.13	0.02	0.50	0.07	24.3	1.54	31.4	0.33	10.7	1.03
E5123065		<0.01	3.84	4.2	561	0.85	0.03	1.13	0.06	19.1	4.91	23.8	0.43	15.1	1.79
E5123066		<0.01	5.23	2.3	789	0.66	0.02	3.51	0.06	23.6	4.58	4.8	1.42	29.6	1.70
E5123067		2.01	6.99	3.6	274	0.52	0.98	5.81	3.14	24.4	17.8	19.1	0.51	6300	4.16
E5123068		5.00	5.55	2.1	730	0.62	3.71	2.63	1.49	23.0	16.1	12.9	0.47	2790	4.00
E5123069		<0.01	5.07	2.9	110	0.47	0.02	3.67	0.08	19.2	12.2	29.4	0.60	27.2	3.52
E5123070		0.16	6.46	2.5	157	0.34	0.24	5.91	0.11	12.8	75.8	164	0.20	433	10.9
E5123071		<0.01	7.35	2.6	146	0.28	0.18	5.43	0.03	18.3	40.9	144	0.49	124	8.59
E5123072		<0.01	3.73	1.2	1230	0.97	0.33	1.74	0.06	17.7	5.96	8.9	0.25	21.5	1.71
E5123073		0.05	4.61	9.9	142	0.91	0.05	2.33	0.09	14.0	21.5	19.9	0.11	324	3.32
E5123074		<0.01	7.41	1.2	402	0.58	0.19	3.44	0.04	16.4	18.7	27.1	0.19	4.9	5.24
E5123075		<0.01	3.95	11.6	813	0.66	0.05	0.86	0.08	19.7	8.84	13.1	0.72	65.8	2.52
E5123076		<0.01	4.84	4.4	876	0.92	0.05	1.93	0.08	20.0	5.34	4.0	0.50	2.7	1.99
E5123077		<0.01	3.43	3.1	533	0.90	0.03	1.52	0.05	16.8	1.95	21.0	0.52	12.1	1.16
E5123078		<0.01	4.77	1.8	755	1.00	0.03	2.17	0.06	23.7	4.91	4.4	0.50	0.3	1.78
E5123079		0.04	6.91	2.2	123	0.37	0.04	4.15	0.09	13.7	40.7	312	0.29	158	8.06
E5123080		<0.01	2.79	15.1	134	0.18	0.49	7.74	0.07	10.2	33.9	135	0.53	22.6	6.78

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V623261

PROJECT NO: 2012 Assay Pricing

5623 McADAM ROAD
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CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Jul 23, 2012

DATE RECEIVED: Jul 23, 2012

DATE REPORTED: Aug 17, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.1	In ppm 0.005	K % 0.01	La ppm 0.5	Li ppm 0.1	Mg % 0.01	Mn ppm 1	Mo ppm 0.05	Na % 0.01	Nb ppm 0.1	Ni ppm 0.2	P ppm 10
E5123060		14.5	0.40	0.9	0.062	1.03	5.6	9.7	3.04	2240	2.83	0.98	5.7	52.2	456
E5123061		11.4	0.54	1.9	0.010	2.17	15.5	1.6	0.22	186	1.16	2.70	7.7	<0.2	162
E5123062		11.2	0.18	1.8	0.014	2.30	11.9	1.3	0.21	194	1.34	2.67	6.9	0.6	154
E5123063		11.0	0.31	1.7	0.008	1.80	14.0	1.2	0.17	204	1.20	2.97	7.8	<0.2	136
E5123064		11.3	0.21	1.9	0.010	1.77	14.4	1.3	0.17	215	1.16	3.37	7.6	0.8	131
E5123065		15.1	0.38	1.9	0.017	1.82	10.7	2.8	0.48	383	0.77	2.81	7.5	1.0	302
E5123066		14.0	0.14	1.7	0.021	2.49	13.6	15.4	0.44	483	2.65	1.20	6.3	0.9	285
E5123067		16.6	0.12	1.0	0.353	0.91	12.7	6.1	1.28	671	669	1.82	8.6	2.5	485
E5123068		16.0	0.16	1.1	0.319	1.78	11.2	7.3	1.37	768	54.1	2.64	10.2	2.2	465
E5123069		14.2	0.68	1.1	0.048	0.81	9.0	64.5	1.30	568	3.92	0.60	7.7	4.1	470
E5123070		19.0	0.21	0.9	0.143	0.38	5.0	5.5	3.66	1790	2.73	2.13	8.6	86.7	458
E5123071		14.4	0.33	0.9	0.122	0.23	8.2	5.4	3.85	1510	1.21	2.41	7.7	48.1	389
E5123072		14.2	0.12	1.5	0.020	1.86	8.8	4.1	0.41	243	2.20	2.98	8.6	0.9	298
E5123073		17.2	0.18	1.0	0.030	0.50	7.2	2.4	0.57	167	1.84	3.24	9.1	0.7	353
E5123074		15.8	0.24	0.9	0.031	0.76	7.5	2.1	2.52	494	0.84	3.72	5.8	8.4	922
E5123075		15.0	0.31	1.8	0.022	2.56	11.0	80.1	0.23	395	2.23	0.61	6.0	3.1	283
E5123076		15.0	0.26	1.9	0.019	2.10	10.4	2.8	0.55	446	5.11	2.82	7.4	0.7	332
E5123077		11.3	0.17	1.7	0.021	2.25	8.5	1.0	0.16	255	1.19	1.94	6.2	0.5	114
E5123078		15.0	0.18	1.9	0.020	1.75	12.2	2.7	0.47	492	3.38	2.75	7.4	0.7	305
E5123079		16.4	0.21	2.2	0.075	0.21	5.3	14.7	4.41	1430	0.65	1.22	10.3	103	464
E5123080		12.4	0.34	0.4	0.083	0.63	4.2	9.5	2.36	2420	4.57	0.05	4.2	45.0	282

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V623261

PROJECT NO: 2012 Assay Pricing

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CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Jul 23, 2012

DATE RECEIVED: Jul 23, 2012

DATE REPORTED: Aug 17, 2012

SAMPLE TYPE: Rock

Analyte:	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	0.01	0.01
E5123060	4.9	22.8	0.005	2.10	0.81	28.9	0.8	0.7	107	0.50	0.13	0.4	0.50	0.11
E5123061	2.7	54.2	0.004	0.13	0.24	1.8	<0.5	0.6	119	0.64	0.07	6.5	0.08	0.24
E5123062	2.7	51.3	0.004	0.22	0.39	1.5	<0.5	0.5	109	0.57	0.09	6.0	0.07	0.23
E5123063	3.0	43.8	0.003	0.12	0.24	1.4	<0.5	0.5	122	0.61	0.08	5.9	0.07	0.20
E5123064	2.7	39.5	0.003	0.02	0.25	1.5	<0.5	0.6	143	0.61	0.04	6.0	0.08	0.19
E5123065	3.0	28.8	0.004	0.11	0.34	3.7	<0.5	0.6	166	0.50	0.04	2.7	0.14	0.20
E5123066	1.5	45.7	0.004	0.11	2.80	4.8	<0.5	0.6	97.7	0.42	0.04	3.6	0.12	0.28
E5123067	5.8	25.8	0.073	1.24	0.38	17.4	4.4	3.4	154	0.54	0.06	3.3	0.31	0.46
E5123068	5.6	34.7	0.005	0.59	0.27	15.7	2.5	3.1	224	0.59	0.08	3.2	0.33	0.29
E5123069	3.3	9.4	0.005	0.45	27.5	13.5	<0.5	0.7	63.4	0.49	<0.01	2.1	0.30	0.10
E5123070	1.8	2.9	0.006	3.15	0.38	34.0	1.8	1.7	310	0.58	0.28	0.4	0.85	0.05
E5123071	1.0	2.6	0.004	1.82	0.31	38.2	1.3	1.8	215	0.51	0.22	0.9	0.71	0.04
E5123072	2.2	19.7	0.004	0.39	0.59	3.3	<0.5	0.7	286	0.59	0.34	2.3	0.17	0.16
E5123073	1.4	8.9	0.004	0.31	0.41	6.4	<0.5	1.0	219	0.59	0.01	2.7	0.20	0.11
E5123074	1.2	12.1	0.005	2.17	0.36	22.1	1.1	0.8	320	0.36	0.18	1.1	0.39	0.11
E5123075	2.6	41.6	0.004	0.30	26.7	3.5	<0.5	0.7	31.1	0.43	0.14	2.9	0.13	0.29
E5123076	7.7	32.5	0.003	0.21	0.40	4.3	<0.5	0.6	265	0.50	0.19	2.9	0.15	0.23
E5123077	2.8	49.7	0.004	0.47	0.26	1.6	<0.5	0.5	63.4	0.56	0.09	5.5	0.06	0.25
E5123078	5.7	29.4	0.004	0.12	0.23	4.7	<0.5	0.7	292	0.51	0.02	3.2	0.13	0.20
E5123079	1.4	3.1	0.005	0.51	0.82	37.8	0.9	1.0	250	0.69	0.21	0.5	0.85	0.04
E5123080	3.3	6.6	0.007	2.73	0.66	17.5	1.2	0.8	102	0.28	<0.01	0.2	0.33	0.08

Certified By:

Certificate of Analysis

AGAT WORK ORDER: 12V623261

PROJECT NO: 2012 Assay Pricing

 5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)

DATE SAMPLED: Jul 23, 2012

DATE RECEIVED: Jul 23, 2012

DATE REPORTED: Aug 17, 2012

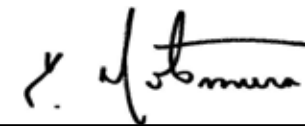
SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	U ppm 0.005	V ppm 0.5	W ppm 0.1	Y ppm 0.1	Zn ppm 0.5	Zr ppm 0.5
E5123060		0.163	244	0.6	15.3	163	28.1
E5123061		3.10	7.6	0.9	8.2	9.1	52.6
E5123062		2.65	8.2	0.7	7.7	9.6	50.4
E5123063		2.77	7.6	0.7	7.9	11.0	48.9
E5123064		2.92	7.7	0.7	7.4	22.8	50.6
E5123065		1.54	40.9	0.6	7.0	16.1	66.8
E5123066		1.42	36.4	0.5	9.7	16.8	63.1
E5123067		1.80	127	3.7	20.5	143	19.7
E5123068		1.36	138	168	20.5	111	22.1
E5123069		0.660	117	2.3	12.9	35.5	32.4
E5123070		0.247	346	0.7	17.6	70.0	20.1
E5123071		0.659	264	0.9	20.8	50.2	20.3
E5123072		1.17	38.1	0.7	6.3	11.3	57.0
E5123073		1.17	51.9	0.4	10.3	17.1	36.6
E5123074		0.392	193	0.5	16.3	33.5	26.9
E5123075		1.50	42.1	0.8	7.6	21.5	61.1
E5123076		1.53	42.7	0.5	7.7	35.5	69.9
E5123077		2.31	6.7	0.5	7.3	7.5	47.2
E5123078		1.66	41.4	0.6	8.2	36.0	68.6
E5123079		0.214	361	0.2	19.7	70.8	77.1
E5123080		0.108	197	0.6	10.5	136	11.6

Comments: RDL - Reported Detection Limit

3545430-3545450 As, Sb values may be low due to digestion losses.

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V623261

PROJECT NO: 2012 Assay Pricing

 5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
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<http://www.agatlabs.com>

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

Fire Assay - Trace Au, AAS finish (202051)

DATE SAMPLED: Jul 23, 2012

DATE RECEIVED: Jul 23, 2012

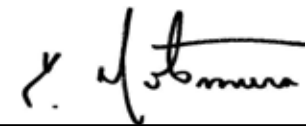
DATE REPORTED: Aug 17, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.002
E5123060		1.35	0.062
E5123061		1.76	0.097
E5123062		1.48	0.097
E5123063		1.35	0.036
E5123064		1.37	0.005
E5123065		1.00	<0.002
E5123066		2.42	0.002
E5123067		1.70	0.016
E5123068		1.28	0.016
E5123069		1.13	0.016
E5123070		1.24	<0.002
E5123071		1.27	<0.002
E5123072		0.96	<0.002
E5123073		1.89	<0.002
E5123074		1.43	0.012
E5123075		0.55	0.137
E5123076		0.64	<0.002
E5123077		0.67	0.004
E5123078		0.38	<0.002
E5123079		0.82	0.046
E5123080		0.92	0.140

Comments: RDL - Reported Detection Limit

Certified By:



Quality Assurance

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION
 PROJECT NO: 2012 Assay Pricing

AGAT WORK ORDER: 12V623261
 ATTENTION TO: JACQUES HOULE

Solid Analysis												
RPT Date: Aug 17, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)												
Ag	1	3545430	0.04	0.03	28.6%	< 0.01				80%	120%	
Al	1	3545430	6.73	6.88	2.2%	< 0.01				80%	120%	
As	1	3545430	7.82	7.64	2.3%	< 0.2	28.4	28.0	102%	80%	120%	
Ba	1	3545430	224	237	5.6%	< 1				80%	120%	
Be	1	3545430	0.26	0.26	0.0%	< 0.05				80%	120%	
Bi	1	3545430	0.296	0.279	5.9%	< 0.01				80%	120%	
Ca	1	3545430	6.71	6.79	1.2%	< 0.01				80%	120%	
Cd	1	3545430	0.16	0.16	0.0%	< 0.02				80%	120%	
Ce	1	3545430	13.6	13.2	3.0%	< 0.01				80%	120%	
Co	1	3545430	32.1	32.4	0.9%	< 0.05				80%	120%	
Cr	1	3545430	193	192	0.5%	< 0.5				80%	120%	
Cs	1	3545430	1.07	1.07	0.0%	< 0.01				80%	120%	
Cu	1	3545430	107	109	1.9%	< 0.2	3886	3800	102%	80%	120%	
Fe	1	3545430	7.09	7.17	1.1%	< 0.01				80%	120%	
Ga	1	3545430	14.5	14.7	1.4%	< 0.05				80%	120%	
Ge	1	3545430	0.40	0.38	5.1%	< 0.05				80%	120%	
Hf	1	3545430	0.9	0.9	0.0%	< 0.1				80%	120%	
In	1	3545430	0.062	0.063	1.6%	< 0.005				80%	120%	
K	1	3545430	1.03	1.04	1.0%	< 0.01				80%	120%	
La	1	3545430	5.6	5.5	1.8%	< 0.5				80%	120%	
Li	1	3545430	9.65	9.21	4.7%	< 0.1				80%	120%	
Mg	1	3545430	3.04	3.11	2.3%	< 0.01				80%	120%	
Mn	1	3545430	2240	2180	2.7%	< 1				80%	120%	
Mo	1	3545430	2.83	2.46	14.0%	< 0.05	336	280	120%	80%	120%	
Na	1	3545430	0.98	0.99	1.0%	< 0.01				80%	120%	
Nb	1	3545430	5.73	5.86	2.2%	< 0.1				80%	120%	
Ni	1	3545430	52.2	51.8	0.8%	< 0.2				80%	120%	
P	1	3545430	456	456	0.0%	< 10				80%	120%	
Pb	1	3545430	4.87	4.48	8.3%	0.3				80%	120%	
Rb	1	3545430	22.8	23.8	4.3%	< 0.1				80%	120%	
Re	1	3545430	0.005	0.006	18.2%	< 0.002				80%	120%	
S	1	3545430	2.10	2.25	6.9%	< 0.01	0.96	0.80	120%	80%	120%	
Sb	1	3545430	0.805	0.748	7.3%	< 0.05				80%	120%	
Sc	1	3545430	28.9	30.2	4.4%	< 0.1				80%	120%	
Se	1	3545430	0.82	0.86	4.8%	< 0.5				80%	120%	
Sn	1	3545430	0.7	0.7	0.0%	< 0.2	7.1	7.1	100%	80%	120%	
Sr	1	3545430	107	110	2.8%	< 0.2				80%	120%	
Ta	1	3545430	0.498	0.481	3.5%	< 0.05				80%	120%	
Te	1	3545430	0.13	0.02		< 0.01				80%	120%	
Th	1	3545430	0.4	0.4	0.0%	< 0.1	1.6	1.4	113%	80%	120%	
Ti	1	3545430	0.503	0.531	5.4%	< 0.01				80%	120%	
Tl	1	3545430	0.11	0.11	0.0%	< 0.01				80%	120%	
U	1	3545430	0.163	0.153	6.3%	< 0.005				80%	120%	
V	1	3545430	244	249	2.0%	< 0.5				80%	120%	

Quality Assurance

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION
 PROJECT NO: 2012 Assay Pricing

AGAT WORK ORDER: 12V623261
 ATTENTION TO: JACQUES HOULE

Solid Analysis (Continued)												
RPT Date: Aug 17, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
										Lower	Upper	
W	1	3545430	0.6	0.6	0.0%	< 0.1				80%	120%	
Y	1	3545430	15.3	15.3	0.0%	< 0.1				80%	120%	
Zn	1	3545430	163	166	1.8%	< 0.5				80%	120%	
Zr	1	3545430	28.1	29.7	5.5%	< 0.5				80%	120%	
Fire Assay - Trace Au, AAS finish (202051)												
Au	1	3545430	0.0618	0.0530	15.3%	< 0.002	0.286	0.263	109%	90%	110%	
4 Acid Digest - Metals Package, ICP/ICP-MS finish (201071)												
Ag	1	3545450	< 0.01	< 0.01	0.0%	< 0.01				80%	120%	
Al	1	3545450	2.79	2.34	17.5%	< 0.01				80%	120%	
As	1	3545450	15.1	13.2	13.4%	< 0.2	28.5	28.0	102%	80%	120%	
Ba	1	3545450	134	126	6.2%	< 1				80%	120%	
Be	1	3545450	0.18	0.18	0.0%	< 0.05				80%	120%	
Bi	1	3545450	0.49	0.49	0.0%	< 0.01				80%	120%	
Ca	1	3545450	7.74	7.83	1.2%	< 0.01				80%	120%	
Cd	1	3545450	0.07	0.07	0.0%	< 0.02				80%	120%	
Ce	1	3545450	10.2	10.0	2.0%	< 0.01				80%	120%	
Co	1	3545450	33.9	34.1	0.6%	< 0.05				80%	120%	
Cr	1	3545450	135	124	8.5%	< 0.5				80%	120%	
Cs	1	3545450	0.53	0.44	18.6%	< 0.01				80%	120%	
Cu	1	3545450	22.6	24.3	7.2%	< 0.2	3868	3800	101%	80%	120%	
Fe	1	3545450	6.78	6.63	2.2%	< 0.01				80%	120%	
Ga	1	3545450	12.4	11.8	5.0%	< 0.05				80%	120%	
Ge	1	3545450	0.34	0.19		< 0.05				80%	120%	
Hf	1	3545450	0.4	0.5	22.2%	< 0.1				80%	120%	
In	1	3545450	0.083	0.082	1.2%	< 0.005				80%	120%	
K	1	3545450	0.63	0.61	3.2%	< 0.01				80%	120%	
La	1	3545450	4.2	3.9	7.4%	< 0.5				80%	120%	
Li	1	3545450	9.47	8.03	16.5%	< 0.1				80%	120%	
Mg	1	3545450	2.36	2.06	13.6%	< 0.01				80%	120%	
Mn	1	3545450	2420	2380	1.7%	< 1				80%	120%	
Mo	1	3545450	4.57	4.29	6.3%	< 0.05	338	380	88%	80%	120%	
Na	1	3545450	0.050	0.041	19.8%	< 0.01				80%	120%	
Nb	1	3545450	4.2	4.2	0.0%	< 0.1				80%	120%	
Ni	1	3545450	45.0	46.3	2.8%	< 0.2				80%	120%	
P	1	3545450	282	282	0.0%	< 10				80%	120%	
Pb	1	3545450	3.3	3.3	0.0%	< 0.1				80%	120%	
Rb	1	3545450	6.61	6.70	1.4%	< 0.1				80%	120%	
Re	1	3545450	0.0069	0.0064	7.5%	< 0.002				80%	120%	
S	1	3545450	2.73	2.69	1.5%	< 0.01				80%	120%	
Sb	1	3545450	0.665	0.710	6.5%	< 0.05				80%	120%	
Sc	1	3545450	17.5	15.4	12.8%	< 0.1				80%	120%	
Se	1	3545450	1.2	1.2	0.0%	< 0.5				80%	120%	
Sn	1	3545450	0.8	0.8	0.0%	< 0.2	7.5	7.1	106%	80%	120%	

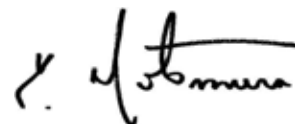
Quality Assurance

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION
 PROJECT NO: 2012 Assay Pricing

AGAT WORK ORDER: 12V623261
 ATTENTION TO: JACQUES HOULE

Solid Analysis (Continued)										
RPT Date: Aug 17, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
									Lower	Upper
Sr	1	3545450	102	94.5	7.6%	< 0.2			80%	120%
Ta	1	3545450	0.281	0.295	4.9%	< 0.05			80%	120%
Te	1	3545450	< 0.01	0.01		< 0.01			80%	120%
Th	1	3545450	0.2	0.2	0.0%	< 0.1			80%	120%
Ti	1	3545450	0.331	0.358	7.8%	< 0.01			80%	120%
Tl	1	3545450	0.079	0.075	5.2%	< 0.01			80%	120%
U	1	3545450	0.108	0.104	3.8%	< 0.005			80%	120%
V	1	3545450	197	196	0.5%	< 0.5			80%	120%
W	1	3545450	0.6	0.6	0.0%	< 0.1			80%	120%
Y	1	3545450	10.5	9.1	14.3%	< 0.1			80%	120%
Zn	1	3545450	136	136	0.0%	< 0.5			80%	120%
Zr	1	3545450	11.6	14.0	18.8%	< 0.5			80%	120%

Certified By: _____



Method Summary

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

AGAT WORK ORDER: 12V623261

PROJECT NO: 2012 Assay Pricing

ATTENTION TO: JACQUES HOULE

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP-MS
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP-MS
Ba	MIN-200-12020		ICP-MS
Be	MIN-200-12020		ICP-MS
Bi	MIN-200-12020		ICP-MS
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP-MS
Ce	MIN-200-12020		ICP-MS
Co	MIN-200-12020		ICP-MS
Cr	MIN-200-12020		ICP/OES
Cs	MIN-200-12020		ICP-MS
Cu	MIN-200-12020		ICP-MS
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP-MS
Ge	MIN-200-12020		ICP-MS
Hf	MIN-200-12020		ICP-MS
In	MIN-200-12020		ICP-MS
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP-MS
Li	MIN-200-12020		ICP-MS
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP-MS
Na	MIN-200-12020		ICP/OES
Nb	MIN-200-12020		ICP-MS
Ni	MIN-200-12020		ICP-MS
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP-MS
Rb	MIN-200-12020		ICP-MS
Re	MIN-200-12020		ICP-MS
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP-MS
Sc	MIN-200-12020		ICP-MS
Se	MIN-200-12020		ICP-MS
Sn	MIN-200-12020		ICP-MS
Sr	MIN-200-12020		ICP-MS
Ta	MIN-200-12020		ICP-MS
Te	MIN-200-12020		ICP-MS
Th	MIN-200-12020		ICP-MS
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP-MS
U	MIN-200-12020		ICP-MS
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP-MS
Y	MIN-200-12020		ICP-MS
Zn	MIN-200-12020		ICP-MS
Zr	MIN-200-12020		ICP-MS
Sample Login Weight	MIN-12009		BALANCE

Method Summary

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

AGAT WORK ORDER: 12V623261

PROJECT NO: 2012 Assay Pricing

ATTENTION TO: JACQUES HOULE

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-200-12019	BUGBEE, E: A Textbook of Fire Assaying	AAS

Appendix 2
Mineral Tenure Data

Assessment Cost Statement for Macktush Prospecting - April-May 2012

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Herb McMaster / Prospector	April 10-14, 16-30,	19	\$400.00	\$7,600.00	
Herb McMaster / Prospector	May 1-7, 9-16, 18-20, 22-31	28	\$400.00	\$11,200.00	
Herbert McMaster Jr. / Field Asst.	May 22-23	2	\$300.00	\$600.00	
Jacques Houle / Geologist	May 18	1	\$762.05	\$762.05	
				\$20,162.05	\$20,162.05
Office Studies	List Personnel (note - Office only, do not include field days)				
Report preparation	to be included in subsequent cost statement		\$0.00	\$0.00	
				\$0.00	\$0.00
Ground Exploration Surveys	Area in Hectares/List Personnel				
Geological mapping					
Regional					<i>note: expenditures here</i>
Reconnaissance					<i>should be captured in Personnel</i>
Prospect	5679 hectares / McMaster				<i>field expenditures above</i>
Underground	Define by length and width				
Trenches	Define by length and width			\$0.00	\$0.00
Transportation		No.	Rate	Subtotal	
truck rental	McMaster's Dodge 4x4 pickup truck	46.00	\$100.00	\$4,600.00	
truck rental	Houle's Ford 4x4 pickup truck	0.40	\$403.20	\$161.28	
				\$4,761.28	\$4,761.28
Accommodation & Food	Rates per day				
Hotel - Houle May 17 in Port Alberni	\$134.40 per day including meals	0.50	\$134.40	\$67.20	
Camp			\$0.00	\$0.00	
Meals	day rate or actual costs-specify		\$0.00	\$0.00	
				\$67.20	\$67.20
Equipment Rentals					
Field Gear (Specify)	Houle field equipment and supplies	0.30	\$80.64	\$24.19	
Other (Specify)					
				\$24.19	\$24.19
Freight, rock samples					
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$0.00	\$0.00
TOTAL Expenditures					\$25,014.72

Assessment Cost Statement for Macktush Prospecting & Geochemistry - June-July 2012

Exploration Work type	Comment	Days	Rate	Subtotal*	Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Herb McMaster / Prospector	June 1, 3-7, 9-10, 12-13, 15-16	13.5	\$400.00	\$5,400.00	
Herb McMaster / Prospector	July 1-9, 11-18	17	\$400.00	\$6,800.00	
Herbert McMaster Jr. / Field Asst.	Jul 17	1	\$256.25	\$256.25	
Jacques Houle / Geologist	July 16-20	3.25	\$815.08	\$2,649.02	
				\$15,105.27	\$15,105.27
Office Studies	List Personnel (note - Office only, do not include field days)				
General research	Jacques Houle - July 9	0.1	\$887.04	\$88.70	
Report preparation	Jacques Houle - estimate to be completed	5.0	\$887.04	\$4,435.20	
Other (specify)	Map copies at Arcprint in Nanaimo			\$105.86	
				\$4,629.76	\$4,629.76
Ground Exploration Surveys	Area in Hectares/List Personnel				
Geological mapping	0.1 hectares at 1:500 scale / Houle				
Regional					<i>note: expenditures here</i>
Reconnaissance					<i>should be captured in Personnel</i>
Prospect	2618 hectares / McMaster and/or Houle				<i>field expenditures above</i>
Underground	Define by length and width				
Trenches	Define by length and width			\$0.00	\$0.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Rock	21 rock samples by AGAT Laboratories	21.0	\$43.36	\$910.46	
				\$910.46	\$910.46
Transportation		No.	Rate	Subtotal	
truck rental	McMaster's Dodge 4x4 pickup truck	28.50	\$100.00	\$2,850.00	
truck rental	Houle's Ford 4x4 pickup truck	1.00	\$403.20	\$403.20	
				\$3,253.20	\$3,253.20
Accommodation & Food	Rates per day				
Hotel - Houle Jul 16-17 Port Alberni	\$134.40 per day including meals	2.00	\$134.40	\$268.80	
Camp			\$0.00	\$0.00	
Meals	day rate or actual costs-specify		\$0.00	\$0.00	
				\$268.80	\$268.80
Miscellaneous					
Telephone			\$0.00	\$0.00	
Other (Specify)					
				\$0.00	\$0.00
Equipment Rentals					
Field Gear (Specify)	Houle field equipment and supplies	1.85	\$80.64	\$149.18	
Other (Specify)					
				\$149.18	\$149.18
Freight, rock samples					
Ship sample supplies to Port Alberni	June 27	1.0	\$15.83	\$15.83	
Ship rock samples to AGAT Burnaby	July 20	1.0	\$33.95	\$33.95	
				\$49.78	\$49.78
TOTAL Expenditures					\$24,366.46

Appendix 3
Prospecting Data

2012 Prospecting Record for Macktush Property

Dates	Prospectors Names	Fig.8 Locations	Prospecting Locations and Highlights
April 10,11,12,13	H. McMaster Sr.	1	Lower Holk Creek - malachite, chalcopryrite in jarositic mafic volcanics
April 16,17,18	H. McMaster Sr.	2	Possible Holk adit along creek - malachite, chalcopryrite, jarosite in volcanics
May 19,20	H. McMaster Sr.	3	Upper Holk Creek - malachite, chalcopryrite, jarositic in mafic volcanics
April 21,22,23	H. McMaster Sr.	4	Upper Holk Creek - pyrite, jarositic in mafic volcanics
April 24,25,26	H. McMaster Sr.	5	Summit Main Road - chalcopryrite-quartz vein in mafic volcanics
April 27,28,29,30	H. McMaster Sr.	6	North of Summit Main Road - rusty mafic volcanics
May 1,2,3,4,5,6,7	H. McMaster Sr.	7	Devils Den shaft - quartz stringers, malachite in mafic volcanics
May 9,10	H. McMaster Sr.	8	Tasha Zone - pyrite, chalcopryrite in silicified mafic volcanics
May 11,12	H. McMaster Sr.	9	North of Tasha Zone - pyrite, chalcopryrite in silicified mafic volcanics
May 13,14	H. McMaster Sr.	10	North of Dauntless - quartz stringers and malachite in mafic volcanics
May 15,16	H. McMaster Sr.	11	South of Dauntless - quartz stringers with malachite, chalcopryrite in volcanics
May 18	H. McMaster Sr.; J. Houle		Review samples collected, access opportunities, and prospecting priorities
May 19	H. McMaster Sr.	12	Shoemaker Bay Road - sericitic mafic volcanics
May 20	H. McMaster Sr.	13	Shoemaker Bay Road - pyritic mafic volcanics
May 24,25	H. McMaster Sr.	14	Summit Main Road - chalcopryrite-quartz vein in mafic volcanics
May 26,28	H. McMaster Sr.	15	North of Summit Main Road - jarosite, pyrite in mafic volcanics
May 29,30	H. McMaster Sr.	16	South of Summit Main Road - granodiorite no mineralization
May 31	H. McMaster Sr.	17	North of Summit Main Road - jarosite in mafic volcanics; barren granodiorite
June 1	H. McMaster Sr.	18	South of Summit Main Road - mica in granodiorite
June 3,4,5,6,7,9,10,12,13	H. McMaster Sr.	19	Christine Zone - see Fig.3 for details
June 15,16,28,29	H. McMaster Sr.	20	Canal Main Zone North - see Fig.4 for details
July 2,3,4	H. McMaster Sr.	21	Canal Main New Logging Area - barren granodiorite; pyrite, chalcopryrite in volcanics
July 5,6,7,8,9,11,12,13	H. McMaster Sr.	20	Canal Main Zone North - see Fig.4 for details
July 14,15	H. McMaster Sr.	22	Canal Main South Zone - see Fig.5 for details
July 16	H. McMaster Sr.; J. Houle	19,20	Christine Zone - see Fig.3 for details; Canal Main North Zone - see Fig.4 for details
July 17	H. McMaster Sr. & Jr.; J. Houle	23,24	Cous & Summit East Zone - see Fig.6; Cous & Summit West Zone - see Fig.7
July 18	H. McMaster Sr.; J. Houle	22	Canal Main South Zone - see Fig.5 for details

Prepared and Approved by:



Jacques Houle, P.Eng.