2015 Assessment Report for

Geology and Geochemistry

April 2015 - September 2015

On the

Jasper Property

Victoria Mining Division

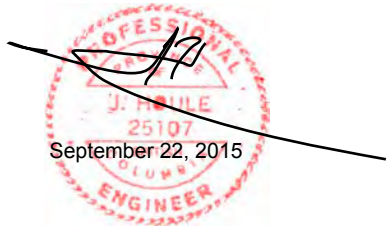
BCGS 092C088
NTS 092C/15E

UTM Zone 10N 5410500N 383750E

For
Nitinat Minerals Corporation
70 York Street, Suite 1710, Toronto, Ontario M5J1S9

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

September 22, 2015



Contents

Introduction

Property location, access and physiography

The Jasper Property claims are located in the Victoria Mining Division, west-central Vancouver Island, BC, Canada, as shown in Figure 1. The Property is approximately 80 kilometres northwest of Victoria and is centered at latitude 48^0 50' and longitude 124^0 35' in NTS 092C 15E or BCGS 092C 088. The southern portion of the claims overlie much of the Caycuse River and its tributaries Four Mile Creek and Seven Mile Creek, extend northwards over the height of land to the tributaries of Jasper Creek, and westwards to a no staking reserve along the eastern shore of the Nitinat River.

Steep incised drainages with rugged relief to approximately 300 meters characterize the physiography of the area. Much of the region has been logged in recent years and young second growth forest and logging roads occur over most of the claims. Climatic conditions are temperate with abundant rainfall in fall, winter and spring. Snow is seasonally present on the upper elevations during the period of mid- December to mid-February. Summer conditions can be dry and hot from mid- July to the end of August. Local temporary closures of the woods may occur during times of extreme forest fire danger. Generally, mild West Coast climatic conditions allow for a long exploration field season.

All weather logging road access is from the north via Port Alberni, a distance of approximately 45 kilometres, or from the east via Cowichan Lake (25 kilometres) and Duncan (50 kilometres) with driving times of about 90 minutes from either Port Alberni or Duncan to the Property. The Jasper Creek and Granite logging roads access the northern portion of the Property and Caycuse Main the southern portion. The Jasper and Granite roads have been partially deactivated and helicopter or foot access is currently required to access much of the northern property, including the Jasper Showing. Caycuse Main logging road from Lake Cowichan was recently made inaccessible to motor vehicles by a landslide in 2013 or 2014 which washed out a bridge on the southern part of the property, and helicopter or foot access is currently required to access the Pan Showing and all of the Main Grid area of the property.

Property definition, owner, operator, geology and history

The Jasper Property consists of the Jas 3 legacy mineral claim and nine cell mineral claims that comprise ten contiguous claims which total 6615 hectares (Table 1 - Mineral Tenure Status). The Property is 100% owned and operated by Nitinat Minerals Corporation., Free Miners License No. 232291. The Jasper Property is subject to a purchase agreement dated December 1, 2007 whereby Nitinat acquired 100% interest in the Property from Inspiration in exchange for special warrants. All of the claims are in good standing until August 25, 2017.

The surface rights over the mineral claims of the Jasper Property are held by the B.C. government as crown land. Crown timber licenses over much of the Property are held by various logging companies. Indian Reserves of the Dididaht First Nation and a No Staking Reserve are situated along the mouths of the Nitinat and Caycuse Rivers where they drain into Nitinat Lake, northwest and southwest of the Property respectively.

Table 1 – Jasper Mineral Claims Tenure Status

Tenure Number	Tenure Type	Owner	Map Number	Good To Date	Status	Area (Ha)
342740	Mineral	232921 (100%)	092C088	2017/aug/25	GOOD	300
546913	Mineral	232921(100%)	092C	2017/aug/25	GOOD	2062.9448
546919	Mineral	232921 (100%)	092C	2017/aug/25	GOOD	531.3654
546921	Mineral	232921 (100%)	092C	2017/aug/25	GOOD	531.5719
546926	Mineral	232921 (100%)	092C	2017/aug/25	GOOD	531.7403
546927	Mineral	232921 (100%)	092C	2017/aug/25	GOOD	531.8616
546929	Mineral	232921 (100%)	092C	2017/aug/25	GOOD	531.9644
546930	Mineral	232921 (100%)	092C	2017/aug/25	GOOD	531.5411
546931	Mineral	232921 (100%)	092C	2017/aug/25	GOOD	531.3264
546932	Mineral	232921 (100%)	092C	2017/aug/25	GOOD	531.1546
Totals	**10**					**6615.471**

The Jasper Property is hosted in a belt of rocks mapped as upper Triassic to lower Jurassic Bonanza group. The belt trends southeasterly from Nitinat Lake through Gordon River, south of Cowichan Lake. The Bonanza belt is flanked to the west and east by Paleozoic Sicker Group rocks which host the economically important Myra Falls Massive Sulphide district located approximately 120 kilometres to the northwest, and the Lara Massive Sulphide district located approximately 50 kilometres to the east, respectively.

The Bonanza Group in the vicinity of the Jasper Property consists of a variety of maroon to gray-green, feldspar phyric basalt and andesite flows and dacite and felsic lapilli tuff containing various minor gabbro, andesite and dacite dykes. There is a lack of lithological continuity and distinct marker beds are absent. In the basal part of the sequence, sedimentary rocks are found interbedded with lapilli and crystal tuffs, indicating a sub-aqueous environment. It may be significant that work in 2005-06 by G.T. Nixon of the B.C. Geological Survey ("BCGS") has proposed this same geological horizon in northern Vancouver Island as a favourable setting for volcanogenic massive sulphide deposits.

Granodiorite Island Intrusion stocks surround the Jasper Property, and are mapped in the northwest and northeast portions of the property. The coeval stocks are regular to elongate in shape with steep sides, and are generally exposed as rounded outcrops. The major lithology is granodiorite to quartz-diorite and most of the stocks are rich in mafic inclusions, particularly in marginal zones where magmatic intrusive breccias are developed.

Numerous RGS anomalies and MINFILE occurrences are found in the Alberni-Cowichan area and both porphyry and VMS styles of mineralization have been reported by BCGS geologists. Porphyry style Cu-Mo occurrences are commonly associated with high level sub-volcanic dykes and sills belonging to the Island Intrusion or Catface intrusive suites. The Lara VMS belt occurs in the eastern portion of the region hosted in rocks mapped as Sicker Group. Massey and Friday (BCGS) note VMS mineral potential where

reported "sulphidic argillites are found interbedded with tuffs" in the basal part of the Bonanza sequence in the Alberni - Cowichan area.

No Property scale geologic map has been compiled for the various MINFILE occurrences from the detailed mapping that has been done on a local scale by various parties over the years. A compilation of this nature goes beyond the scope of this technical report and would best be done by correlation of geologic units with 2015 mapping information and inputting data into a GIS spatial database system.

From historical mapping, the Property geological setting can be described as follows:

The Jasper Property is mainly underlain by mafic to felsic volcanic rocks that have been previously mapped as Bonanza group. The north-central portion of the Property (Jasper showing) is underlain by a northwest trending sequence of intermediate flows and flow breccias that are flanked to the east by mafic flows. Units appear to have a moderate dip to the southwest. A wedge shaped body of felsic volcanic flows overlies the mafic rocks to the east. Felsite dykes intrude the intermediate and mafic volcanics, some of which may be feeders to the younger felsic flows. Often the intermediate and mafic flows and flow breccias are massive and bedding orientation is impossible to determine. Minor thin intercalations of pyritic argillite are present locally within the volcanic sequence.

The central and southern portions of the Property (Tam and Pan Showings) are underlain by mafic and intermediate volcanic sequences. Felsic volcanics occur at higher elevations on the eastern portion of the claims. Local foliation is oriented north-south. Within the alteration zone, protoliths are obliterated in macroscopic outcrop scale and individual units are difficult to correlate and map.

The northeast portions of the Property (Avallin showing) are sequentially underlain by Triassic Vancouver Group rocks consisting of mafic volcanics, tuffs and breccias of the Triassic Karmutsen Formation, limestone of the Quatsino Formation, and black argillites of the Parson Bay Formation. All rocks are highly folded, faulted and intruded by lower Jurassic intermediate to mafic dykes that are coeval with the Bonanza volcanics and by felsite dykes, possibly of the Tertiary Catface sequence.

An apparent major fault suture cuts Vancouver Island from the mouth of the Carmanah River on the West Coast to Parksville on the East. The Pan and Tam occurrences along Four Mile Creek and the J-Branch Main Showing on Jasper Ridge occur along this major fault structure. A north trending gossanous alteration zone with a strike length greater than four kilometers underlies the Jasper Property along the fault from the Caycuse Creek drainage in the south to the Nitinat Valley in the north. The alteration zone is characterized by moderate to intense argillization and silicification accompanied by ubiquitous pyrite flooding. The alteration zone is generally concordant with the foliation and stratigraphy throughout its strike length. Based on the huge volume of intensely altered rock present, a very major period of hydrothermal activity has taken place along the strike length of the system. The Main Grid area is partially underlain by the intense alteration zone. In the Pan area, ferricrete and locally thick till commonly overlie the alteration zone and have the effect of “masking” residual soil anomalies.

Steeply dipping, cross cutting, north trending fractures, shears and fault gouge zones are prevalent within the alteration zone and form the recessive valley containing Four

Mile Creek. Coincident narrow fault and fracture zones often emanate as a conjugate set at right angles to the main north trending fault system and control second order drainages that are the side creeks of the main Four Mile Creek drainage system. Offsets of all structures are not known as units had not been mapped across structures until 2015. Local brittle faulting commonly causes minor offsets to massive sulphide lenses in outcrop at the Jasper Showing.

Approximately twelve Cu, Zn +/- Pb, Ag, Au sulphide showing areas had been relocated or discovered, and sampled by the Arnex/Inspiration programs carried out between 1994 and 2004 (Birkeland, 2004 ARIS 27657). The two showings of principal interest in the central portion of the Property are the Jasper Showing (MINFILE 092C080) and the Pan Showing (MINFILE 092C088). The Tam Showing (MINFILE 092C081) was also relocated and sampled during this period. In 2007, Inspiration completed geochronology work (Houle, 2008 ARIS 29659) establishing the age of sulphide mineralization at Jasper. In 2008, Inspiration completed a magnetic and electro-magnetic airborne geophysical survey over the Jasper Property (Houle, 2008 ARIS 30452). In 2010, airborne geophysical anomalies were prospected, an additional copper skarn showing was relocated and sampled (Avallin MINFILE 092C 037), and two additional new Cu, Zn +/-Pb, Ag, Au sulphide showings were discovered and sampled (Burgert and Houle, 2010 ARIS 31908). In 2011 mechanized trenching and detailed geological mapping and rock chip sampling was completed at four road-accessible sulphide showings, and a three-hole 162 metre definition diamond drilling program was completed at the Pan South Showing (Houle, 2011 ARIS 32906).

This reports documents all the work completed in 2015, and includes some data from earlier work programs, shown where appropriate.

List of claims and work completed

From April 7 to July 3, 2015 intermittently the author, Jacques Houle P.Eng., prepared for the 2015 field program on the Jasper Property, including a reconnaissance site visit on June 1, 2015. Orientation and mobilization of the four person field crew to Lake Cowichan was completed on July 7, 2015. The field crew consisted of the author, Paul Metcalfe, P.Geo., Ph.D., Marie Brannstrom, B.Sc., and Derek McLelland, Geology Student. From July 8 to July 16, 2015 the field crew commuted by truck and by foot daily to and from the Main Grid area of the property from Lake Cowichan, and completed GPS-controlled 1:2,000 scale geological mapping along 200 m. spaced east-west lines, and whole rock lithogeochemical sampling consisting of 51 rock samples taken at 200 m. by 400 m. spacing over a 300 hectare area, plus 2 samples of indurated till inadvertently sampled by the field crews. Incidentally to the mapping and rock sampling program, one (1) new massive sulphide occurrence in subcrop was discovered and selectively grab sampled. Mapping and sampling was conducted by field personnel deployed in two, two-person field crews, one pair led by J. Houle focused on the east side of the grid and the other pair led by P. Metcalfe focused on the west side of grid, with VHF radio safety checks completed between each person every two hours. On July 17, 2015 the field crew compiled mapping and sampling data, and demobilized from Lake Cowichan. Receipt, compilation and interpretation of geological mapping and geochemistry data from the sampling were completed by the author between July 20

and September 22, 2015. All work in 2015 was focused on the Jasper Main Grid area, entirely on cell mineral claim 546913, shown in Figures 1, 2a and 3a.

Geological mapping details were recorded on removable waterproof metric gridded sheets in field notebooks at 1:2,000 scale, which were traced onto a pre-printed mylar base map each evening by each mapping crew pair. Rock or sledge hammers, geotuls, and/or moils were used to extract all rock samples, which were placed in new poly ore bags fastened with cable ties or other means to prevent spilling, and pre-numbered 3-part sample tags were placed in each bag. At each rock sample site, samples were taken in duplicate, and one from each of the sample pairs was retained as a duplicate specimen, cut with a rock saw, and inspected and described using a binocular microscope. At each rock sample site, characteristics were recorded on pre-printed, waterproof, loose-leaf sample record forms in field notebooks, and sample numbers were recorded in triplicate: on the forms, on metal tags tied near the sample site and marked with flagging tape, and as waypoint numbers in a hand-held Garmin 64st GPS used by each sampler. Sample data from each day was digitally recorded each evening onto a MS Excel spreadsheet by each sampler. Both the geological base map and a digital backup of the spreadsheet were physically separated from the original field data each day during the field program to minimize potential loss of program data.

All 52 rock samples (2 till samples excluded) were transported by Greyhound Bus Parcel Express from Nanaimo, B.C. to AGAT Laboratory's receiving facility in Burnaby, B.C. where they were received and transferred to AGAT's preparation facility in Terrace, B.C., and prepared using their standard method 211-001 for rocks. Sample pulps were then flown to AGAT Laboratory's analytical facility in Mississauga, Ontario. The 51 whole rock samples were analyzed using their standard whole rock XRF method 201-676, litho-geochemistry Borate Fusion method 201-078, 4-acid digestion trace multi-element ICP method 201-070, and trace gold ICP method 202-052. The 1 sample of massive sulphide was analyzed using AGAT's 4-acid digestion trace multi-element ICP method 201-070, base metal over-limit method 201-072 for Zinc, and trace gold ICP method 202-052. All 54 duplicate reference rock (including 2 till) specimens were cut into slabs with a rock saw and microscopically reviewed and described by Jacques Houle on July 20 to 22 inclusive, and securely stored at his home office in Nanaimo, B.C.

This technical report was subsequently completed by Jacques Houle intermittently from July 22, 2015 to September 22, 2015. The 2015 cost statement for assessment work programs and the MTO statement of work events for filing the assessment work supported by and described in this technical report appear in Appendix 3.

Technical Data, Interpretation, Conclusions and Recommendations

2015 Geological Mapping Highlights:

The 2015 geological mapping determined that essentially only one major rock type occurred in outcrop on the Jasper Main Grid area: intermediate volcanics including massive, brecciated, and crystal phyric or lapilli tuffs interpreted to be of the upper Triassic to lower Jurassic Bonanza Group, shown in Figure 2a. The mapped outcrops often contained planar foliations interpreted to be shearing or occasionally faulting in

many different orientations, with 95 measurements recorded and compiled in Appendix 1, and also shown in Figure 2a. No indications of bedding orientations (tops) were recognized or mapping in the outcrops. Outcrops rarely contained recognizable structures that could represent primary bedding, including fiammi (flattened pumice fragments) or flow banding, with 4 measurements recorded and compiled in Appendix 1, and also shown in Figure 2a. The outcrops also contained highly variable amounts and types of alteration commonly including replacement of plagioclase feldspars by clay minerals, silicification including quartz eyes and quartz stockwork stringers, chlorite, epidote and occasionally hematite. Some outcrops also contained variable amounts of mineralization, commonly including pyrite, occasionally magnetite and rarely chalcopyrite or sphalerite. Outcrop descriptions for the 51 whole rock sample sites are shown in the 2015 Rock Sample Location Data in Appendix 2, but outcrop descriptions are only available in manual field notes, and have not been included in this report.

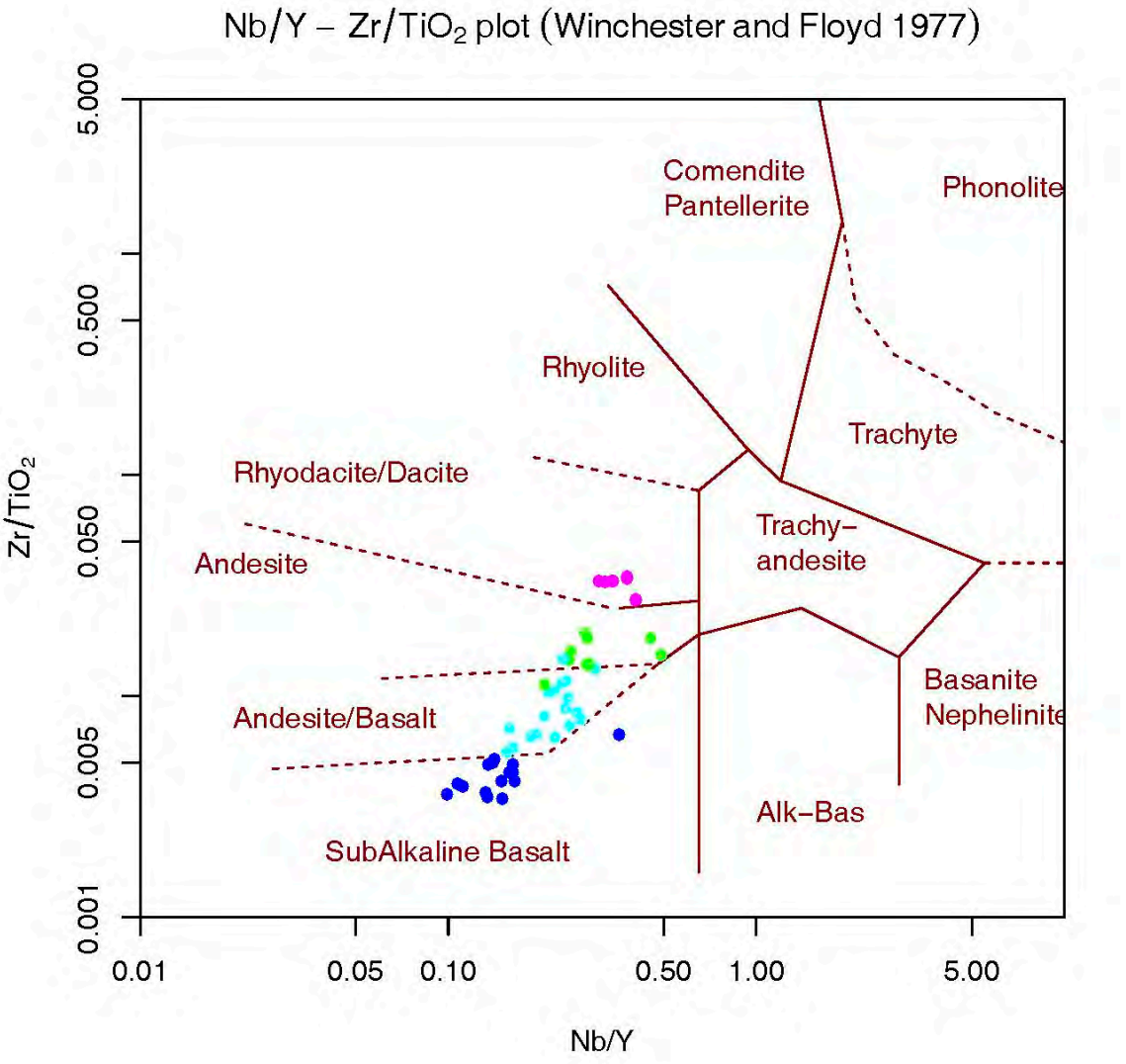
The 51 duplicate reference specimens from 2015 whole rock lithogeochemical sampling program were cut with a rock saw and inspected and described by the author using a binocular microscope. This inspection confirmed that all the rock specimens were essentially of the same rock type: intermediate volcanics: massive, foliated or occasionally brecciated in texture. The samples contained varying amounts and types of alteration including silica, chlorite, epidote and hematite; and some contained disseminated magnetite and others contained quartz+/-calcite+/-sulphide stringers with minor pyrite and/or chalcopyrite. Refer to Rock Sample Descriptions, completed by the author, shown in Appendix 2.

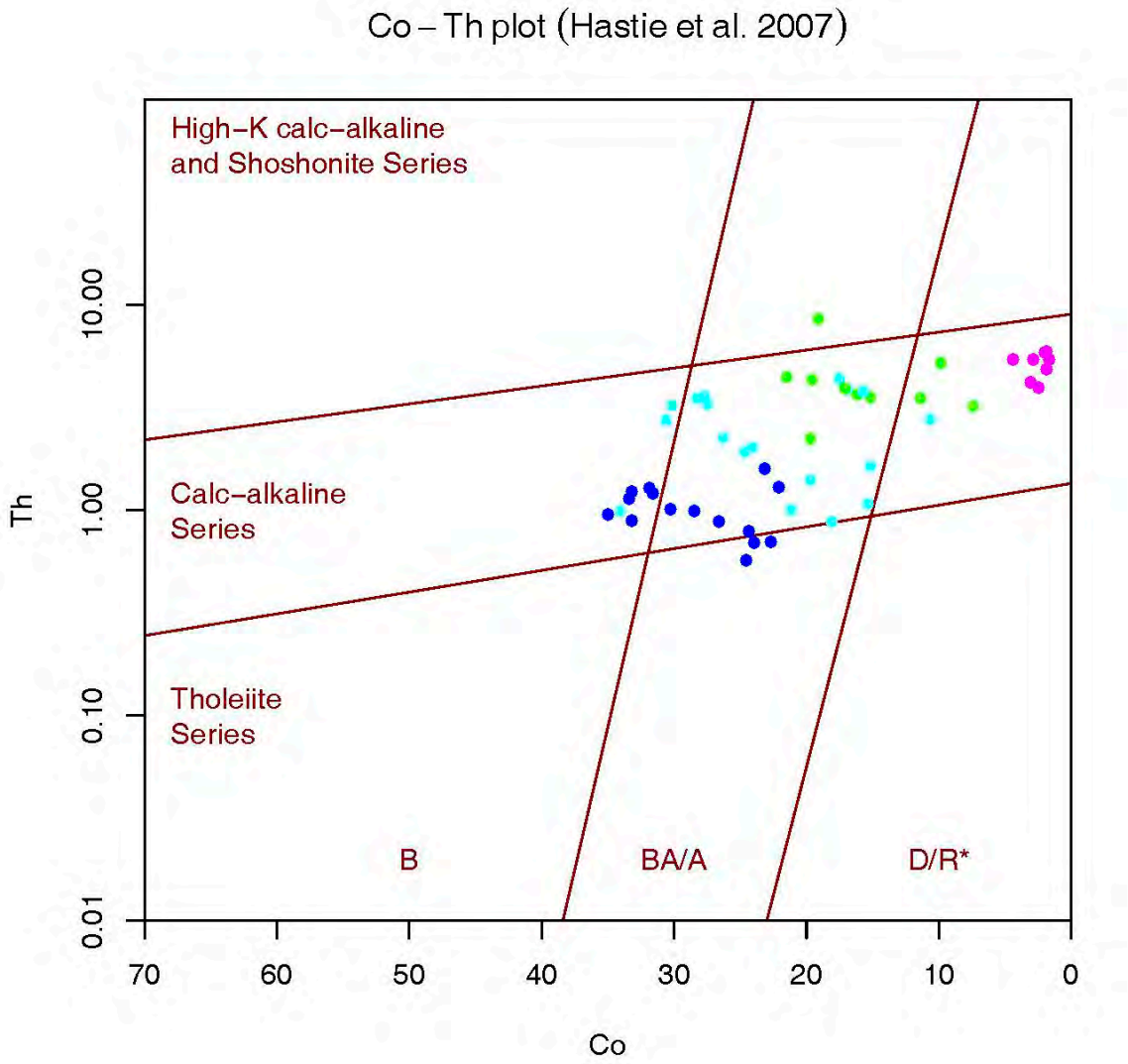
2015 Rock Geochemistry and Lithogeochemistry Highlights:

All 52 rock samples from the 2015 program were all subjected to trace element and gold geochemistry to maintain consistency with previous field programs on the Property. The 51 whole rock samples yielded only 1 sample E5124772 which yielded greater than 500 ppm copper, the only elevated trace element value. The single massive sulphide sample E5124711 yielded elevated values of 0.128 ppm gold, 2.9 ppm silver, 30 ppm bismuth, 1760 ppm cadmium, 3780 ppm copper, 120 ppm lead, 74 ppm tellurium; and a highly elevated value of 24.7% zinc, one of the highest zinc values ever achieved from the Jasper Property, and named Zincy. This select grab sample was taken from one of several pieces of sub-crop exposed near a small outcrop in the northern part of the Main Grid midway between BC MINFILE occurrences 092C080 – Jasper and 092C081 – Tam. The sample contained a 0.1m. thick quartz-sulphide vein containing 50% sulphides including mainly sphalerite, plus galena, pyrite and chalcopyrite. No attempt was made to locate or excavate the bedrock source of the mineralized sub-crop. However, in the author's opinion the sub-crop exposure qualifies as the 15th mineralized zone discovered on the Jasper Property. Refer to the 2015 Rock Sample Location and 2015 Rock Sample Geochemistry Highlights tables and AGAT Sample Custody Form and Certificate of Analysis 15Y99552 in Appendix 2, and Figures 3a, 3b and 3g.

The 51 whole rock lithogeochemical samples were subjected to industry-standard analyses for both trace and major elements for the purpose of using preserved element calculations to determine protolith volcanic lithologies prior to alteration and/or mineralization. The 51 whole rock samples yielded few elevated values in major elements, including 2 samples both greater than 0.25% BaO (barium oxide) and 5% K2O (potassium oxide), and 3 other samples greater than 70% SiO2 (silica); and few

depleted values, including 1 sample with less than 1% MgO (magnesium oxide), and 3 samples with less than 1% Na2O (sodium oxide), The preserved element review and calculations were performed by P. Metcalfe, PhD, P.Geo. using a variety of techniques but ultimately relying on plotting Nb/Y vs. Zr/Ti02 as per the methodology described by Winchester & Floyd, 1977. This calculation determined that of the 51 samples, 8 were felsic volcanics (dacite/rhyodacite), 28 were intermediate volcanics (including 10 andesite and18 basaltic andesite), and 14 were mafic volcanics (basalt). Plotting of Co-Th as per the methodology described by Hastie et al, 2007 determined that all 51 samples can generally be classified as calc-alkaline volcanics, which confirms BCGS regional geological mapping, as per BC MapPlace. Using the geological mapping and lithogeochemical information described above, the author interpreted the lithological contacts between rock types which appear to trend N-S in the Main Grid area. NW-SE cross faulting in the Main Grid area was interpreted by the author using linear magnetic low trends in the Tilt Derivative of the Total Magnetic Intensity from the 2008 airborne geophysical survey by Aeroquest. Refer to the two graphs imbedded in the text below, 2015 Rock Sample Location and 2015 Rock Sample Lithogeochemistry Highlights tables and AGAT Certificate of Analysis 15Y99552 in Appendix 2, and Figures 2b, 2c and 4b.





To illustrate the 2015 geological interpretation with geochemical data in the Main Grid area, both 2004-2015 geochemical highlights for rocks (Figures 3c to 3h) and soils (Figures 3i to 3n) for each key target element gold, silver, copper, lead, zinc and molybdenum are presented separately with the geological interpretation in this report. The geophysical data from the 2008 airborne geophysical survey by Aeroquest are also presented with the geological interpretation in this report, including Total Magnetic Intensity (Figure 4a), Tilt Derivative of the Total Magnetic Intensity (Figure 4b) and the Aerotem Z0 Off-time (Figure 4c).

Conclusions and Recommendations:

Several key new observations with resulting conclusions are now possible for the Jasper Main Grid area as a result of the successful completion of the 2015 geological mapping and lithogeochemical sampling program, with reference to Figures 5a and 5b:

1. Lithological contacts strike N-S, are offset by cross faults which strike NW-SE, and have unknown tops orientations, and uncertain but probably westerly dip directions

2. Main lithology is intermediate volcanics (andesite or basaltic andesite), and two other apparently conformable lithological horizons occur, 250 to 500 apart and each 250 to 500 metres in horizontal thickness, including an eastern felsic volcanic (dacite or rhyodacite) horizon and a western mafic volcanic (basalt) horizon separated by a central intermediate volcanic horizon

3. The lithological horizons are offset by three cross faults 1 to 1.5 km apart, with the southern fault having a left-lateral apparent displacement, the central fault a right-lateral apparent displacement, and the northern fault an undetermined displacement; no evidence was found for the inferred major N-S fault suggested in previous work

4. Fifteen polymetallic sulphide zones discovered in rocks over a 2.75 km. strike length, of which eleven zones occur within or along the contacts of the central intermediate volcanic horizon, one zone occurs within the eastern felsic volcanic horizon, and three zones occur within or immediately west of the western mafic volcanic horizon

5. The 2.25 km. length by 0.5 km wide polymetallic soil geochemistry anomaly is coincident with but not explained by the polymetallic zones in rocks, coincident with intense aeromagnetic low anomaly, roughly coincident with the central intermediate volcanic horizon, and appears to be truncated into two sub-zones by the central fault

6. A combined aeromagnetic low anomaly, polymetallic soil anomaly and apparently favourable intermediate volcanic lithological horizon provide a distinct but large drilling target 2.25 by 0.5 km in size, large enough to host economic deposits

7. Appropriate target deposit types are variable, and may include the following:
    a. Noranda/Kuroko Massive Sulphide Cu-Pb-Zn – BC Deposit Profile G06
    b. Epithermal Au-Ag-Cu High Sulphidation – BC Deposit Profile H04
    c. Epithermal Au-Ag Low Sulphidation – BC Deposit Profile H05
    d. Polymetallic Veins Ag-Pb-Zn-Au – BC Deposit Profile I05
    e. Cu+/-Ag Quartz Veins – BC Deposit Profile I06
    f. Porphyry Cu-Mo-Au – BC Deposit Profile L04

A road-based reconnaissance diamond drilling program is recommended to fully test the target with 10 widely spaced holes, each 250 to 350 m. in depth and inclined -45 to -60 degrees east. This will require rehabilitation of the Caycuse Main Road on the Jasper Property to provide access either from Port Alberni via Nitinat Lake in the west or from Lake Cowichan in the east, and establishing a temporary camp at the 2004 Camp Site near the centre of the 2015 Mapping Area and proposed drilling area. Although the eastern access from Lake Cowichan has been used in the recent past, it is a 90 minute drive each way by pickup truck to the site of the recent washout along the eastern side of Four Mile Creek. The western access from Nitinat Lake has been inaccessible for many years due to one or more washouts along western side of Four Mile Creek, but if that road was rehabilitated and/or realigned it would be a much shorter distance and driving time from Nitinat Lake or even from Port Alberni to the Property. A foot reconnaissance inspection by a qualified and experienced road engineer of both possible road routes is required prior to deciding which route is best to rehabilitate.

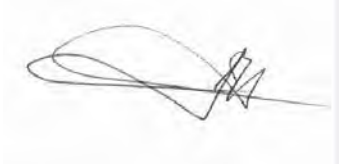
The alternative to repairing either access road route is to complete the proposed drilling program using helicopter support, based from a staging area with road access from either Lake Cowichan or Alberni from a camp at the staging area or on the Property. No cost estimate has been made for a helicopter-supported drilling program.

Table 2 – Proposed Work Program for the Jasper Property

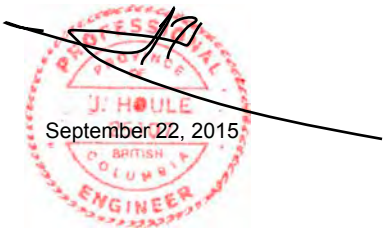
Item	Units	Unit Cost	Scheduling	Program Cost
Project planning	10 days for 1 senior geologist	$1,000 per day	Spring	$ 10,000
Access road rehab.	15 days backhoe + bridges, culverts	$10,000 per day	Spring	$ 150,000
Diamond Drilling	3,500 metres in 10 holes	$200 per metre	Summer	$ 700,000
Compilation, Reports	10 days for 1 sr. + 1 jr. geologist	$1,500 per day	Winter	$ 15,000
Contingency	approximately 8.5%			$ 75,000
Totals				**$ 950,000**

Additional work programs may be recommended conditional upon results.

Respectfully submitted by:



Jacques Houle, P.Eng.



September 22, 2015

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.

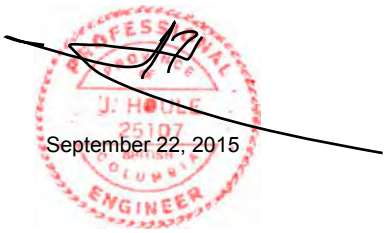
I have worked as a geologist for 37 years since graduating from university, including 5 years as a mine geologist in underground gold and silver mines, 15 years as an exploration manager, 3 years as a government geologist and 12 years as a mineral exploration consultant.

I previously worked on the Jasper Property in 2004, 2009, 2010 and 2011; and I am independent of Nitinat Minerals Corporation.

Dated this 22nd day of September, 2015.

Signature of Author

Jacques Houle, P.Eng
Printed name of Author



September 22, 2015

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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
http://www.em.gov.bc.ca/Mining/Geolsurv/Minfile/

Ministry Publications
http://www.empr.gov.bc.ca/Mining/Geoscience/PublicationsCatalogue/Pages/default.aspx

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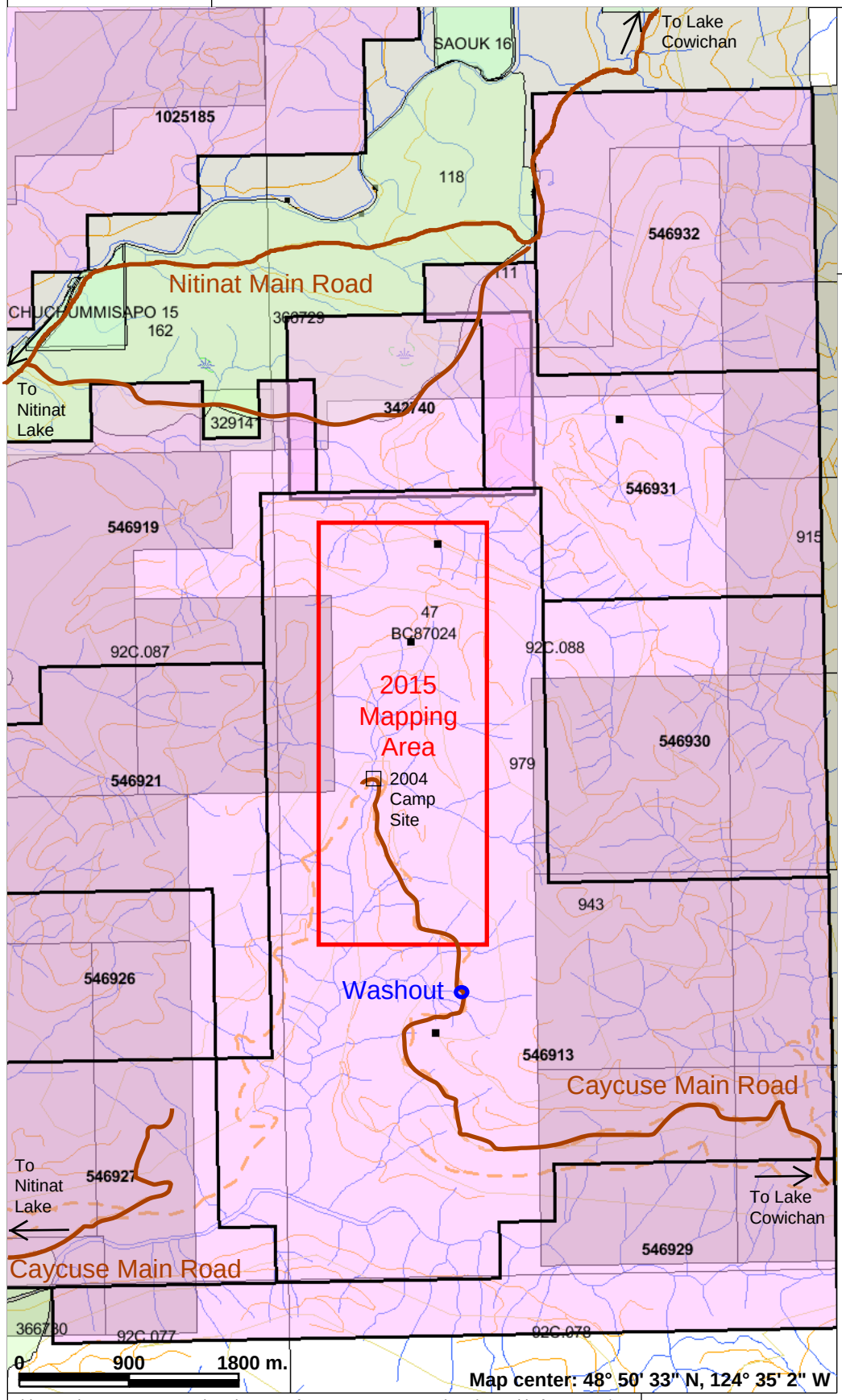
Other references:

Winchester, J.A. and Floyd, P.A., Geochemical Discrimination of Different Magma Series and their Differentiation Products using Immobile Elements, Chemical Geology, 1977.

Jasper Property 2015 Work Location



Legend

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

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

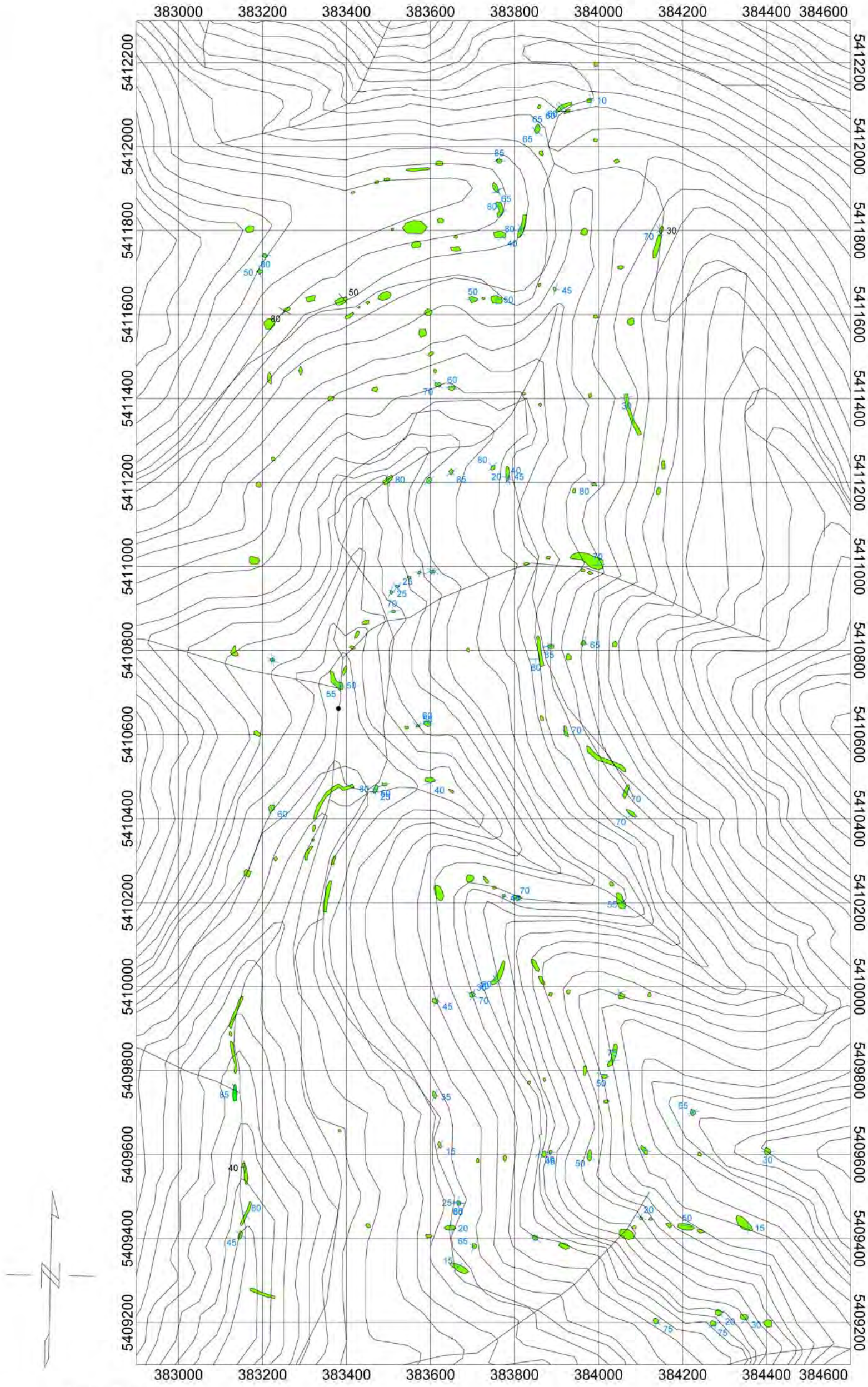
Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours

Transportation - Points (TRIM)
- Helipad

Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip
- Airport.Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes
- Road (Gravel Undivided) - U/C - 1 Lane
- Road (Gravel Undivided) - U/C - 2 Lanes
- Road (Paved Divided) - Not Elevated - 1 Lane Each Way
- Road (Paved Divided) - Not Elevated - 2 Lanes Each Way
- Road (Paved Divided) - U/C - Not

Scale: 1:50,000

Figure 1



Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

Contact and Bedding Measurements

30 Dip direction and dip (in degrees)

Foliation and Shearing Measurements

Dip direction and vertical dip

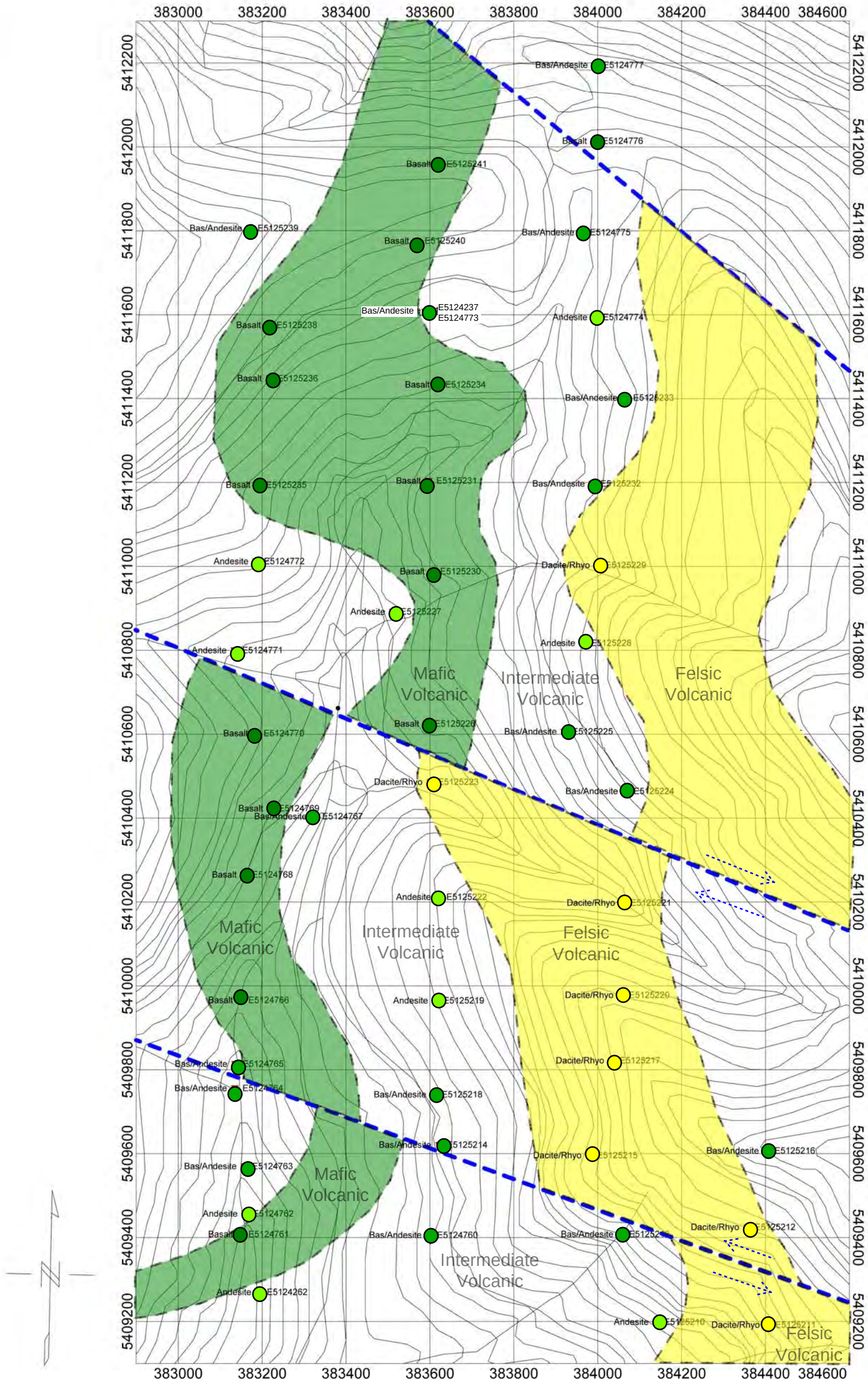
30 Dip direction and dip (in degrees)

Rock Unit Descriptions from Mapping

Intermediate Volcanics - including massive, brecciated, and crystal phyric or lapilli tuffs

Figure 2a

Nitinat Minerals Corporation
Jasper Property Main Grid **2015 Geological Mapping**
Jacques Houle, P.Eng.



Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

Geological Interpretation (Houle) --------- Rock Types (Metcalfe)

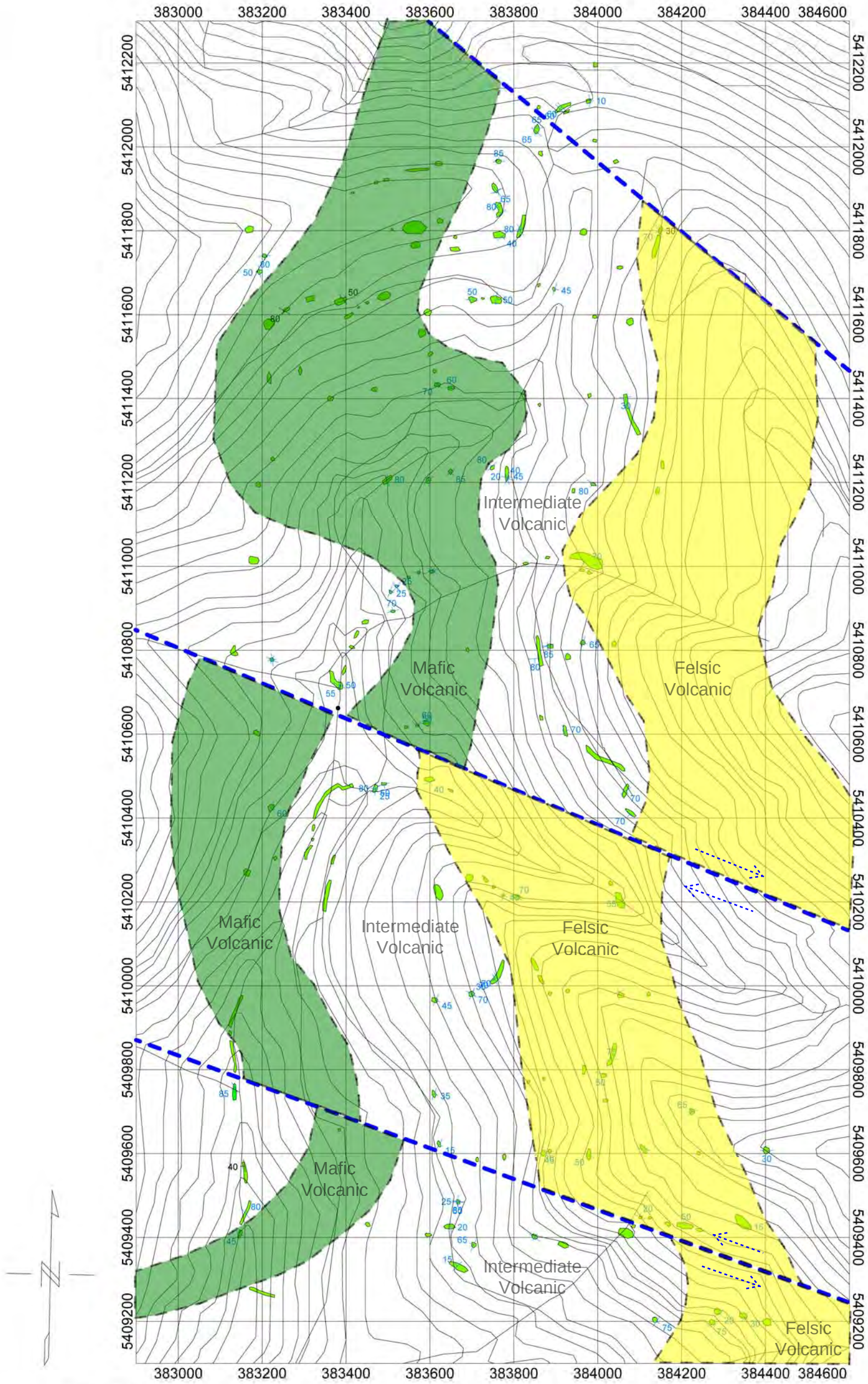
- Felsic Volcanics — Dacite/Rhyodacite
- Intermediate Volcanics — Andesite; Basaltic Andesite
- Mafic Volcanics — Basalt

Figure 2b

Nitinat Minerals Corporation

Jasper Property Main Grid
2015 Rock Type Classifications by Nb/Y vs Zr/Ti

Jacques Houle, P.Eng.



Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

Contact and Bedding Measurements

30 Dip direction and dip (in degrees)

Foliation and Shearing Measurements

Dip direction and vertical dip

30 Dip direction and dip (in degrees)

Geological Interpretation (Houle) based on Rock Types (Metcalfe)

Felsic Volcanics

Intermediate Volcanics

Mafic Volcanics

Rock Unit Descriptions from Mapping

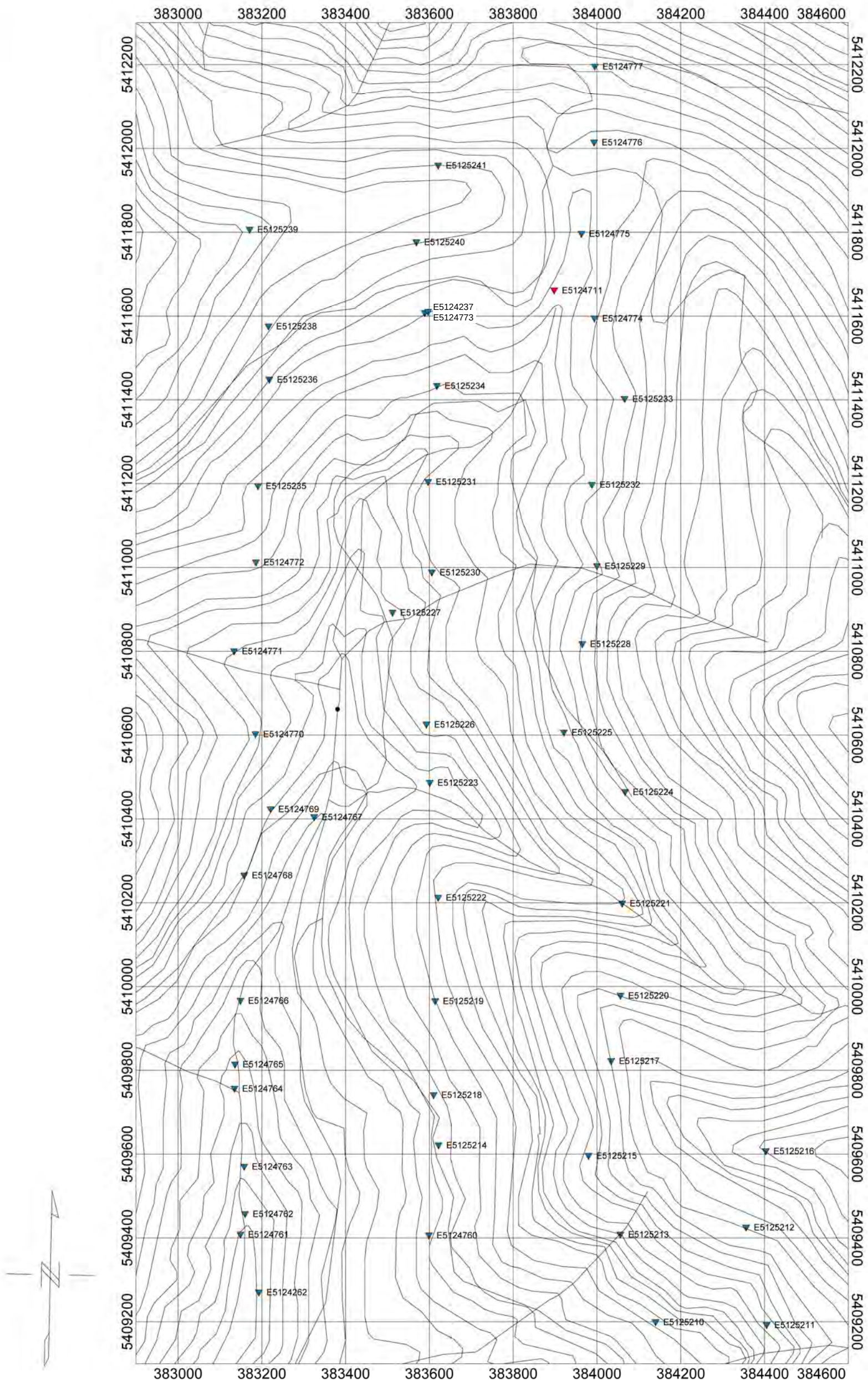
Intermediate Volcanics - including massive, brecciated, and crystal phyric or lapilli tuffs

Figure 2c

Nitinat Minerals Corporation

Jasper Property Main Grid
2015 Geological Interpretation

Jacques Houle, P.Eng.



Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

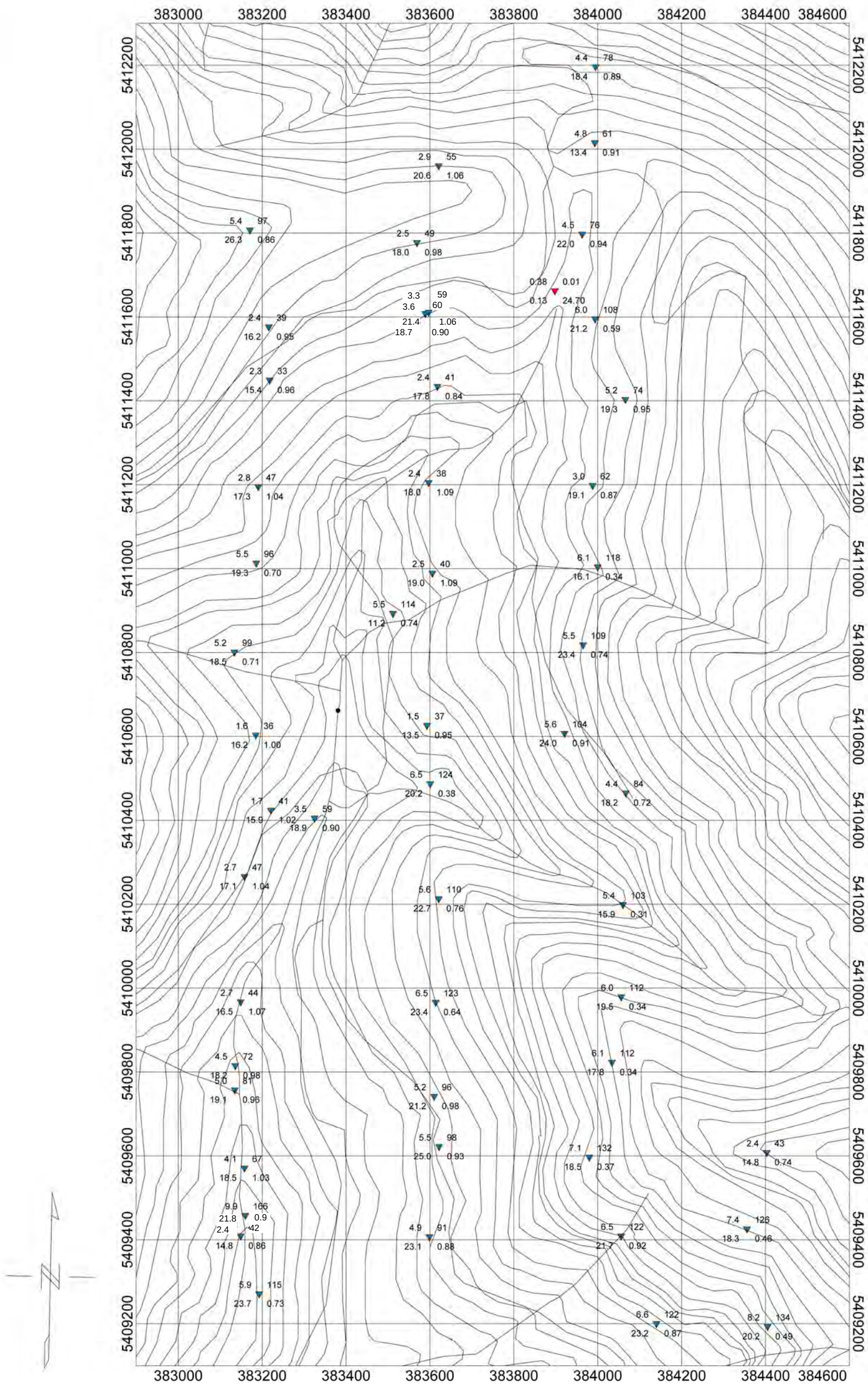
2015 Rock Sample Locations

E5124262 Whole Rock Sample Site (n=51)

E5124711 Massive Sulphide Sample Site (n=1)

Figure 3a

Nitinat Minerals Corporation
Jasper Property Main Grid **2015 Rock Sample Locations**
Jacques Houle, P.Eng.



Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2015 Rock Sample Geochemistry Highlights

Nb (ppm) Zr (ppm) Y (ppm) TiO2 % — Whole Rock Sample Site (n=51)

Cu % Pb % Au g/t Zn % — Massive Sulphide Sample Site (n=1)

Figure 3b

Nitinat Minerals Corporation

Jasper Property Main Grid
2015 Rock Sample Geochemistry Highlights

Jacques Houle, P.Eng.

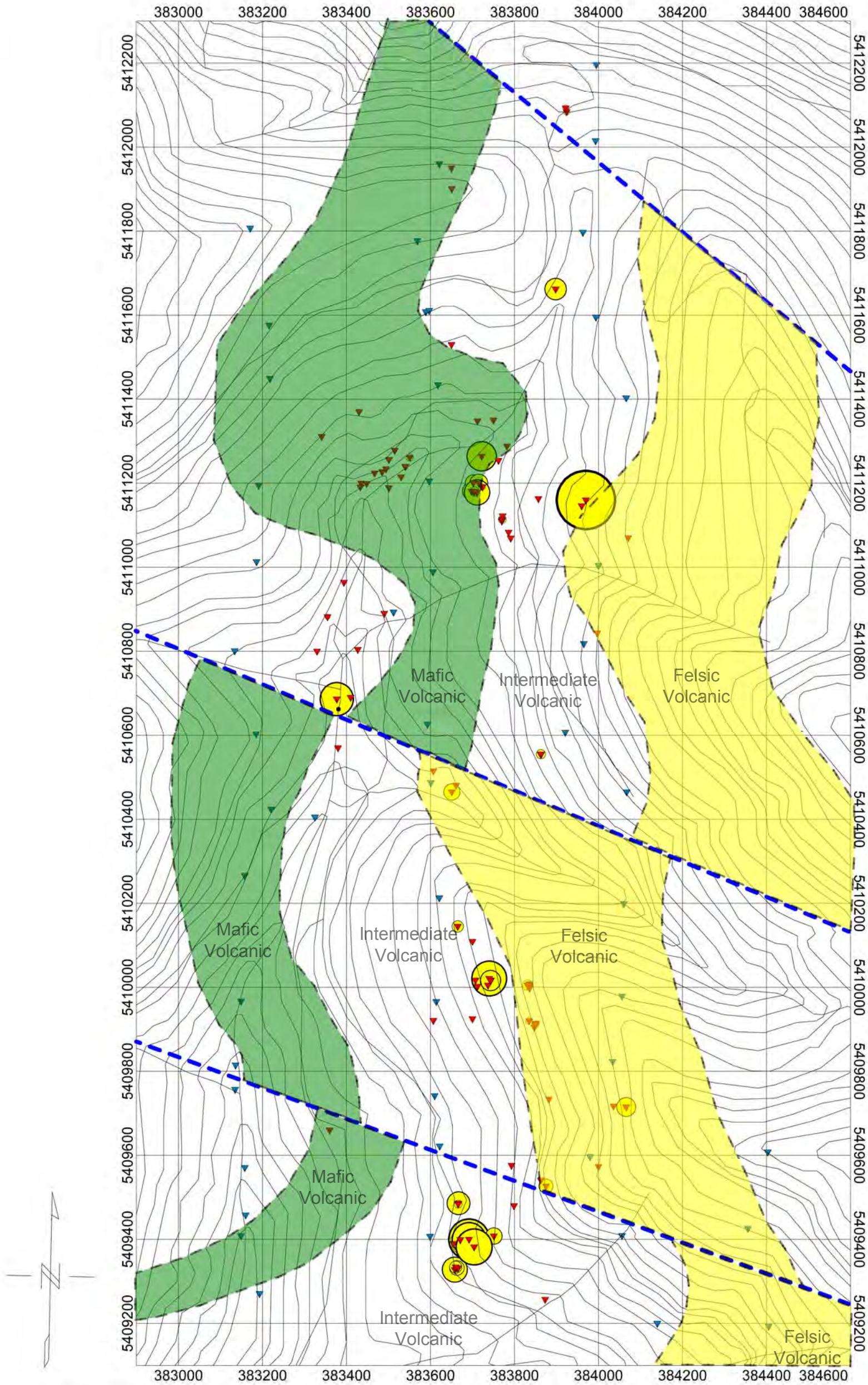
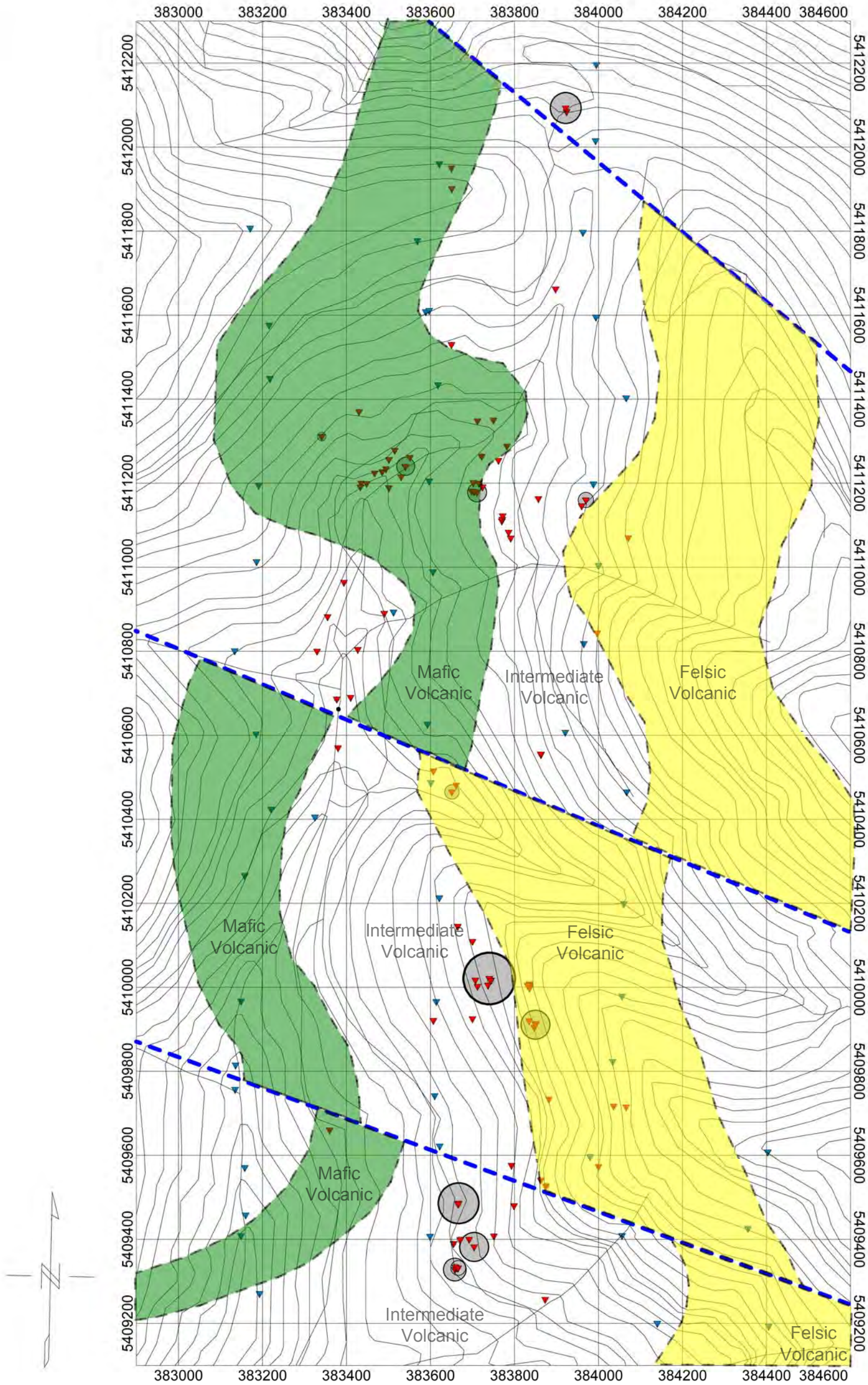


Figure 3c

Nitinat Minerals Corporation
Jasper Property Main Grid **2004-2015 Gold in Rock Samples**
Jacques Houle, P.Eng.



Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2004 to 2015 Rock Samples

- Geochemistry/Assay Sample Site (n=151)
- Whole Rock Sample Site (n=51)

Ag ppm in Rock Samples

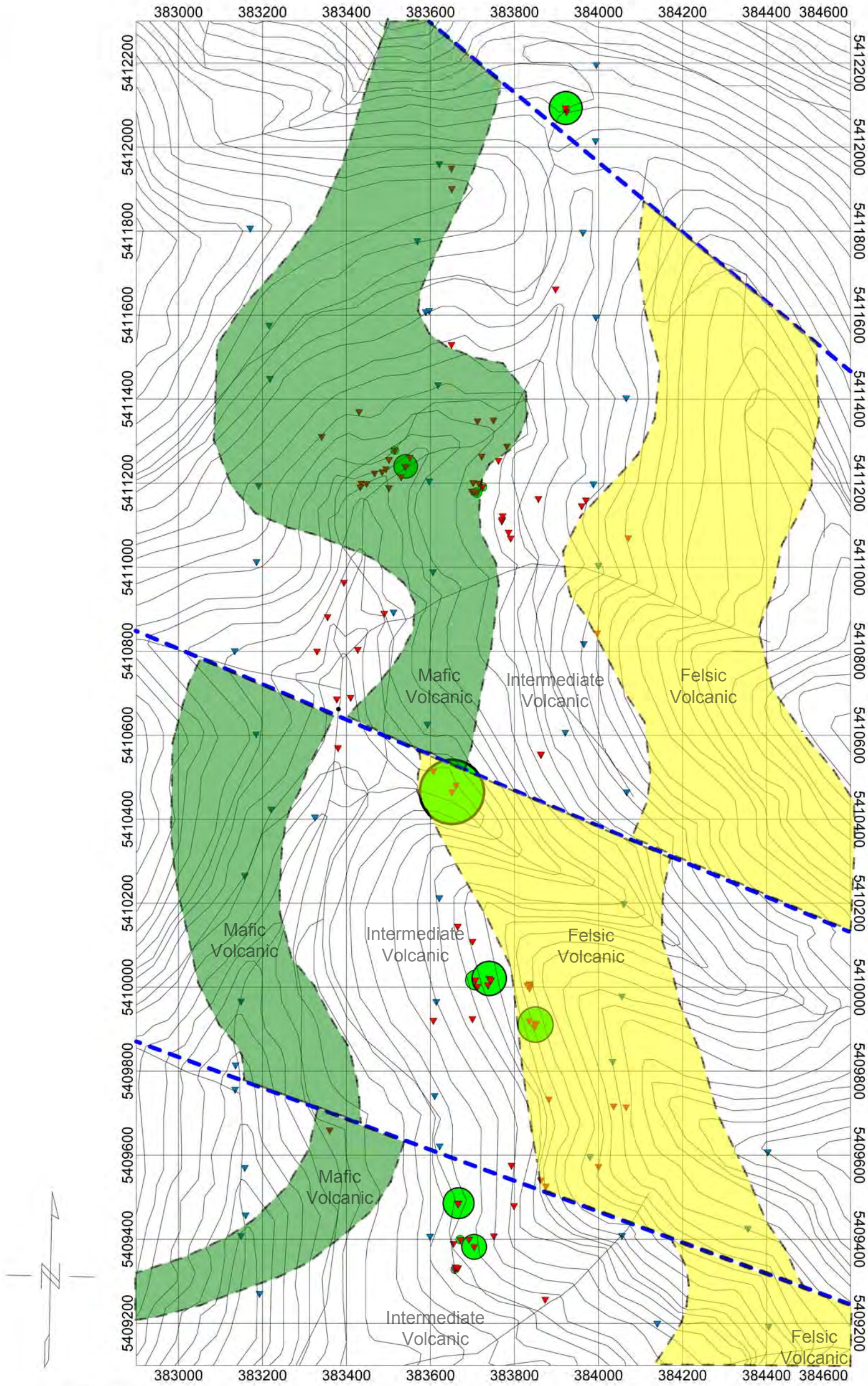
60

40

20

Figure 3d

Nitinat Minerals Corporation
Jasper Property Main Grid **2004-2015 Silver in Rock Samples**
Jacques Houle, P.Eng.



Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2004 to 2015 Rock Samples

- Geochemistry/Assay Sample Site (n=151)
- Whole Rock Sample Site (n=51)

Cu ppm in Rock Samples

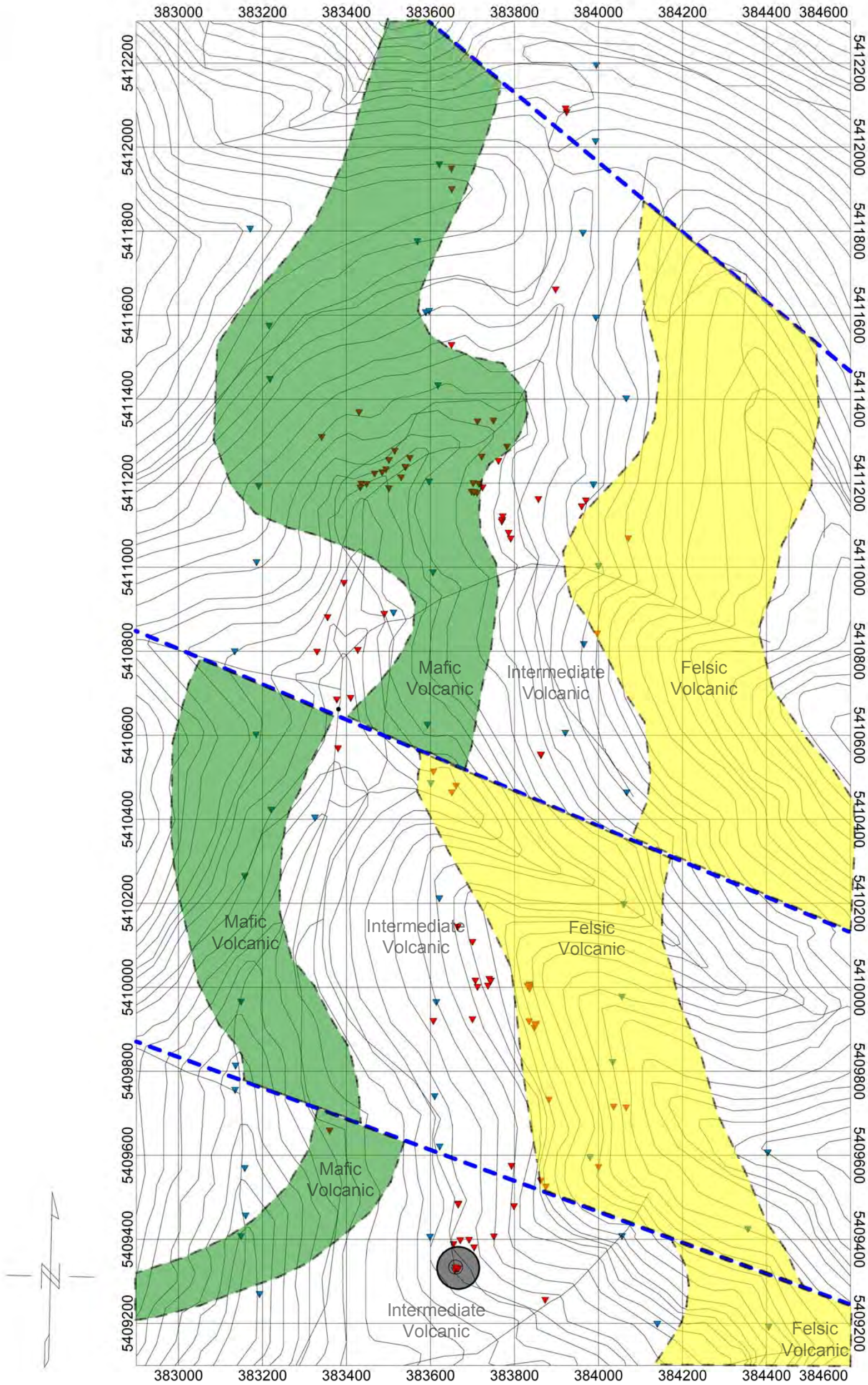
120000

80000

40000

Figure 3e

Nitinat Minerals Corporation
Jasper Property Main Grid **2004-2015 Copper in Rock Samples**
Jacques Houle, P.Eng.



Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2004 to 2015 Rock Samples

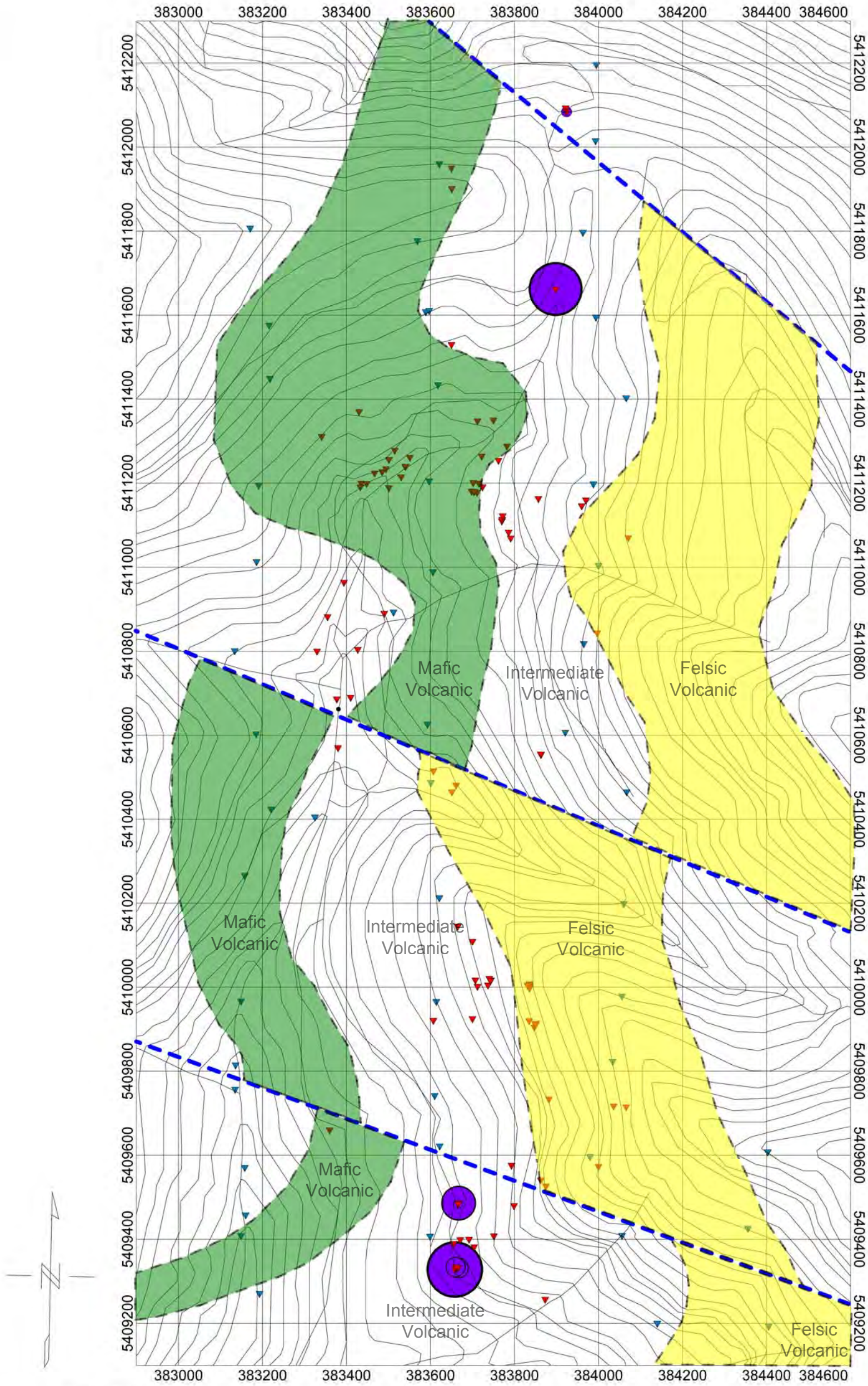
- Geochemistry/Assay Sample Site (n=151)
- Whole Rock Sample Site (n=51)

Pb ppm in Rock Samples

- 225000
- 150000
- 75000

Figure 3f

Nitinat Minerals Corporation
Jasper Property Main Grid **2004-2015 Lead in Rock Samples**
Jacques Houle, P.Eng.



Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2004 to 2015 Rock Samples

- Geochemistry/Assay Sample Site (n=151)
- Whole Rock Sample Site (n=51)

Zn ppm in Rock Samples

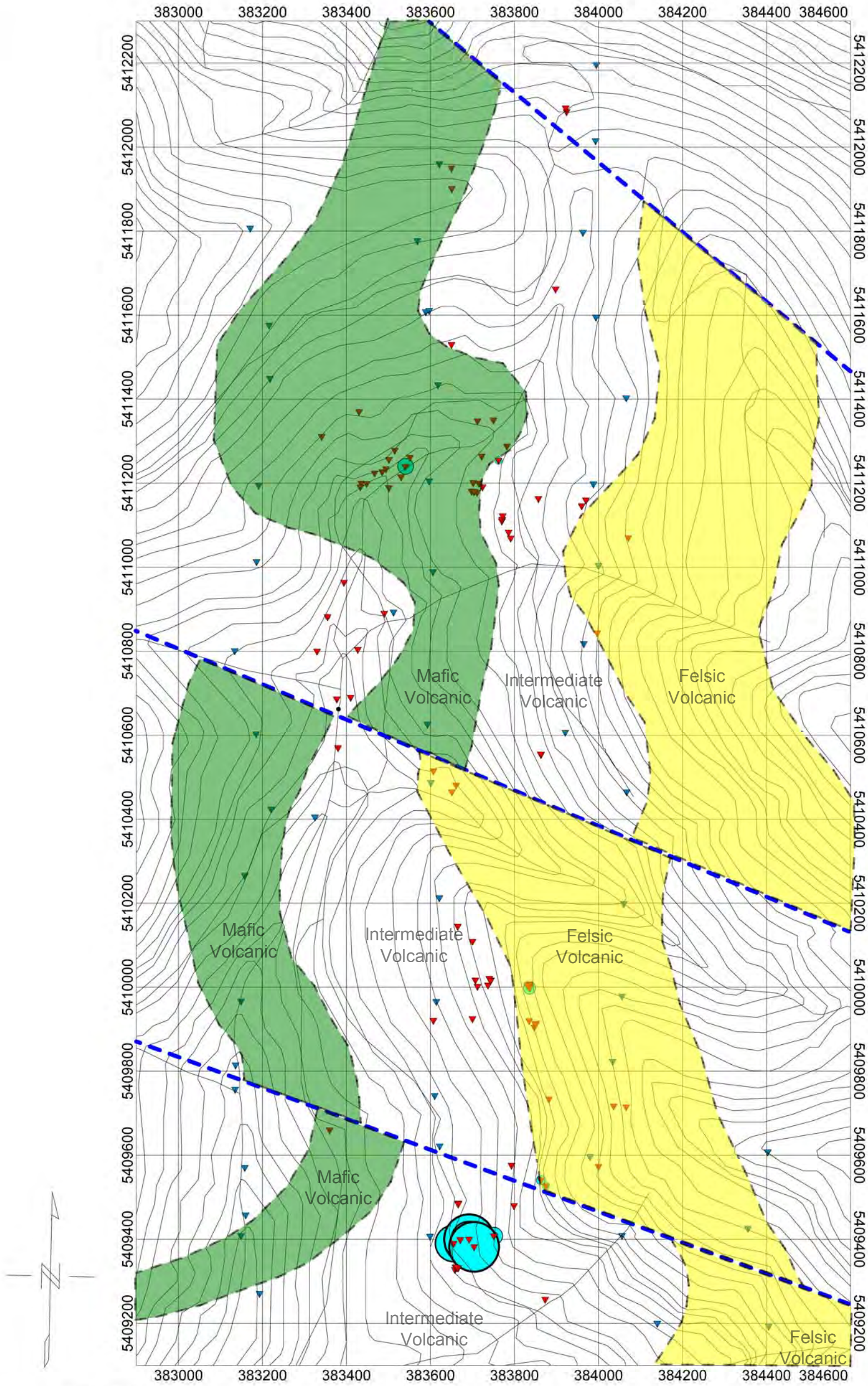
240000

160000

80000

Figure 3g

Nitinat Minerals Corporation
Jasper Property Main Grid **2004-2015 Zinc in Rock Samples**
Jacques Houle, P.Eng.



Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2004 to 2015 Rock Samples

- Geochemistry/Assay Sample Site (n=151)
- Whole Rock Sample Site (n=51)

Mo ppm in Rock Samples

225

150

75

Figure 3h

Nitinat Minerals Corporation

Jasper Property Main Grid
2004-2015 Molybdenum in Rock Samples

Jacques Houle, P.Eng.

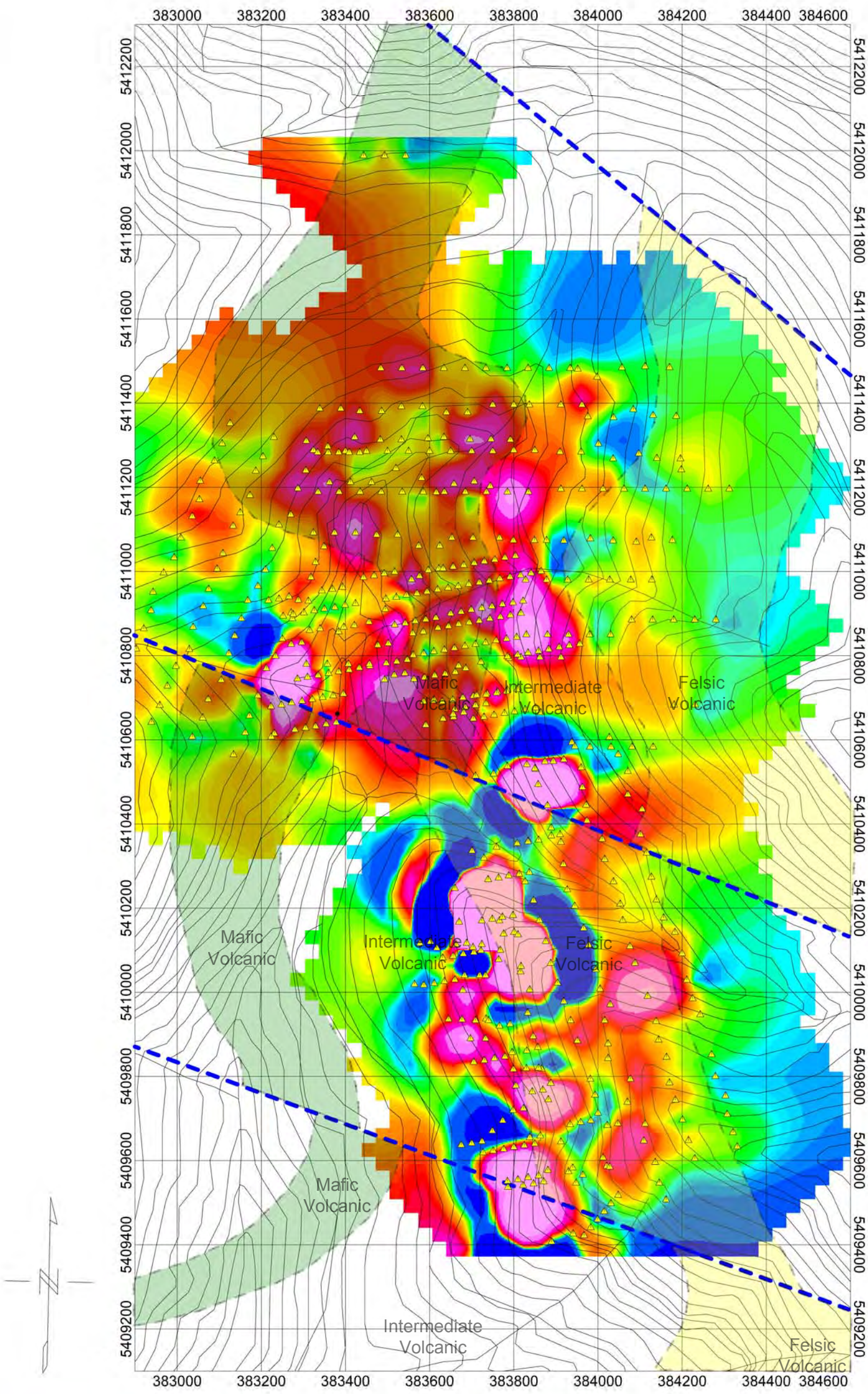


Figure 3i

Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2004 and 2010 Soil Samples

△ Soil Geochemistry Sample Site (n=605)

Nitinat Minerals Corporation
Jasper Property Main Grid **2004-2010 Gold in Soil Samples**
Jacques Houle, P.Eng.

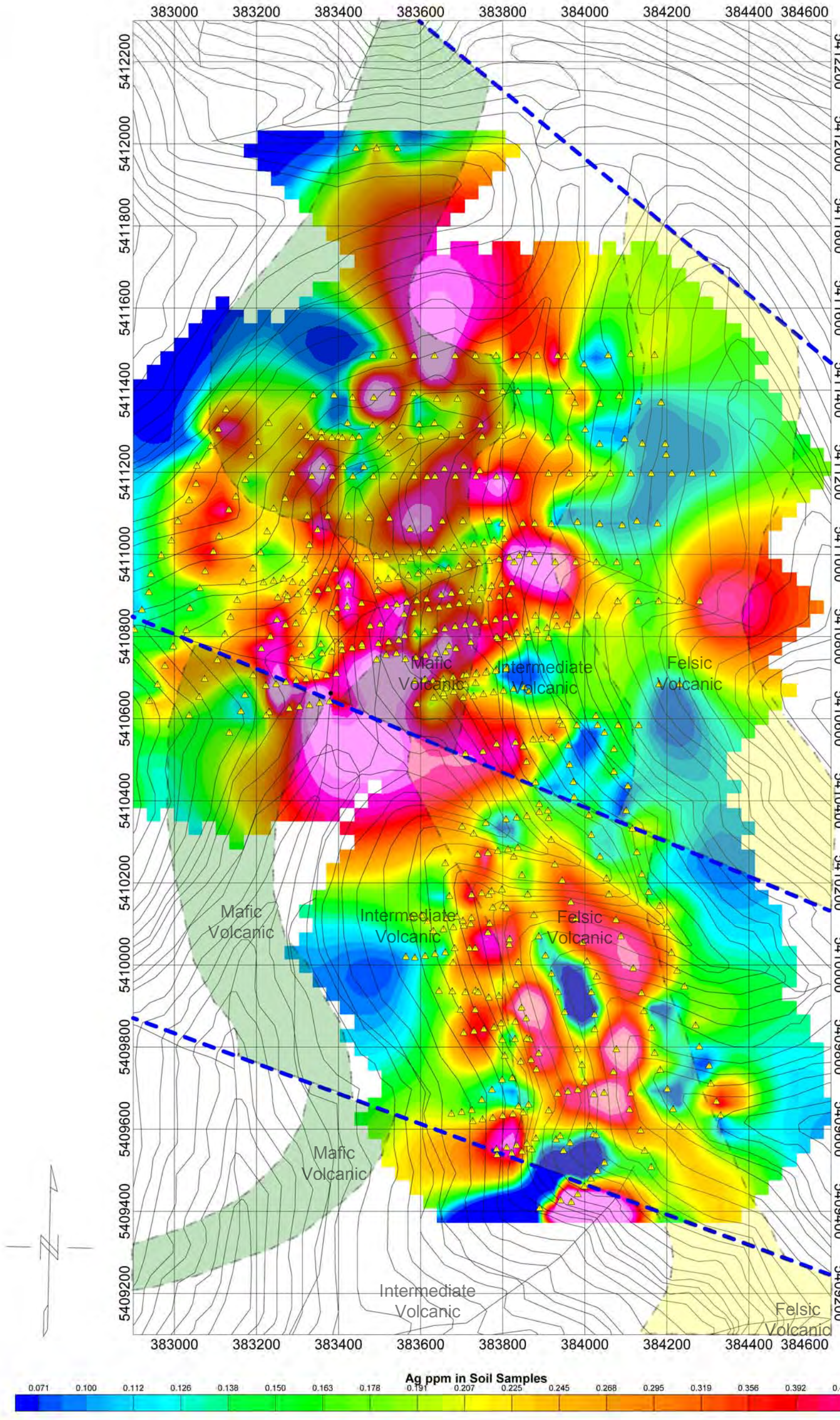


Figure 3j

Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2004 and 2010 Soil Samples

△ Soil Geochemistry Sample Site (n=605)

Nitinat Minerals Corporation

Jasper Property Main Grid
2004-2010 Silver in Soil Samples

Jacques Houle, P.Eng.

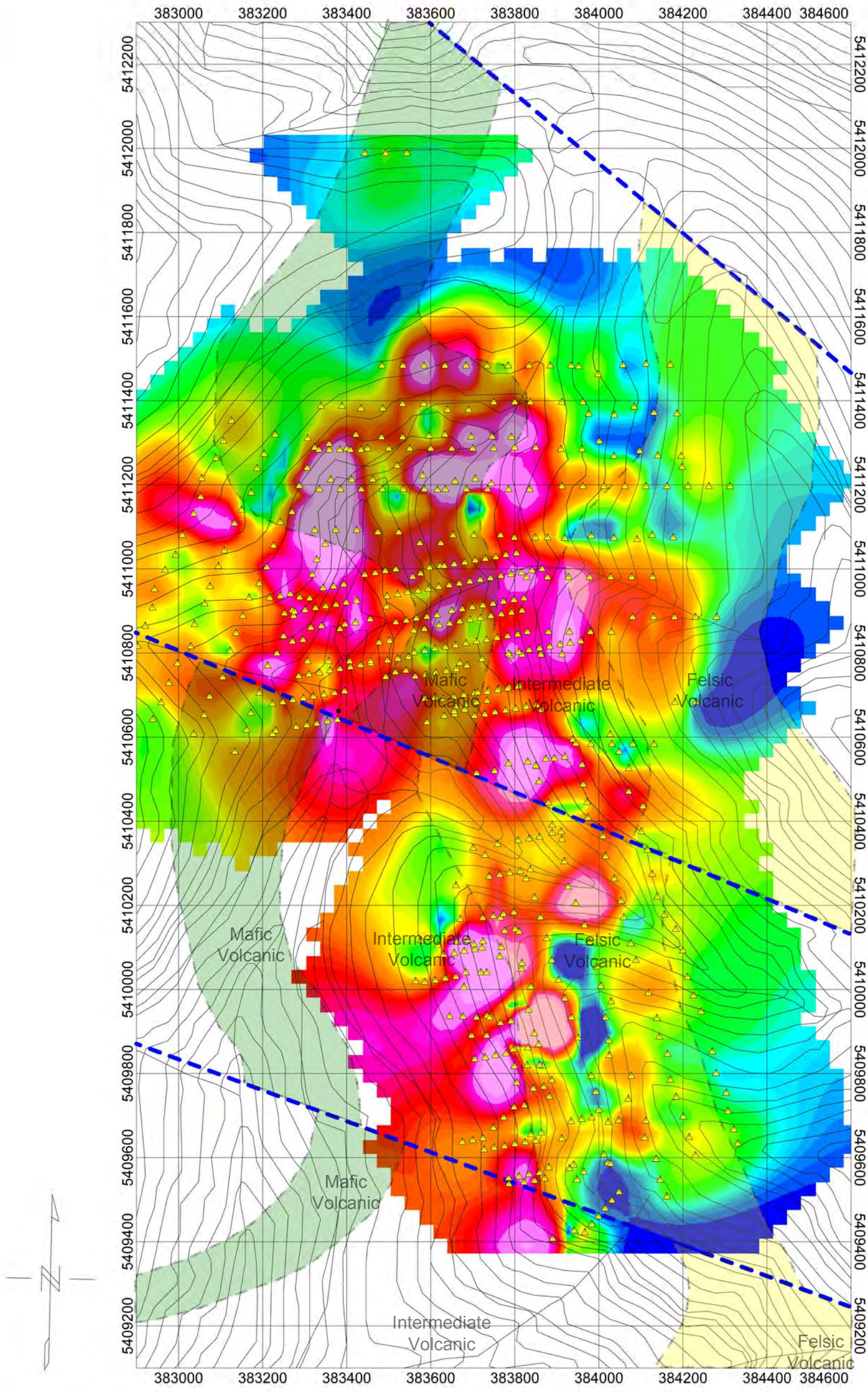


Figure 3k

Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2004 and 2010 Soil Samples

△ Soil Geochemistry Sample Site (n=605)

Nitinat Minerals Corporation
Jasper Property Main Grid **2004-2010 Copper in Soil Samples**
Jacques Houle, P.Eng.

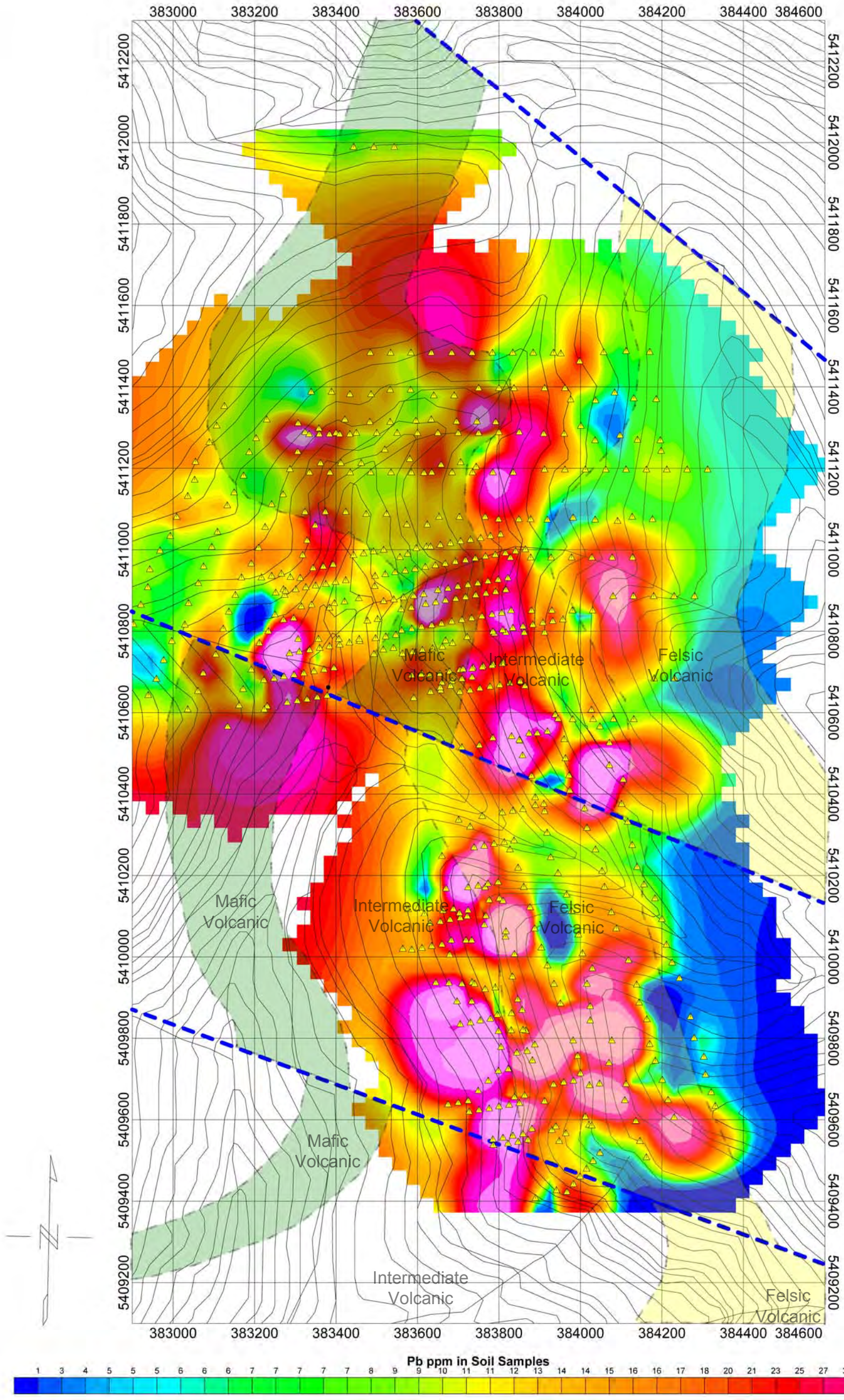


Figure 3l

Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2004 and 2010 Soil Samples

△ Soil Geochemistry Sample Site (n=605)

Nitinat Minerals Corporation
Jasper Property Main Grid **2004-2010 Lead in Soil Samples**
Jacques Houle, P.Eng.

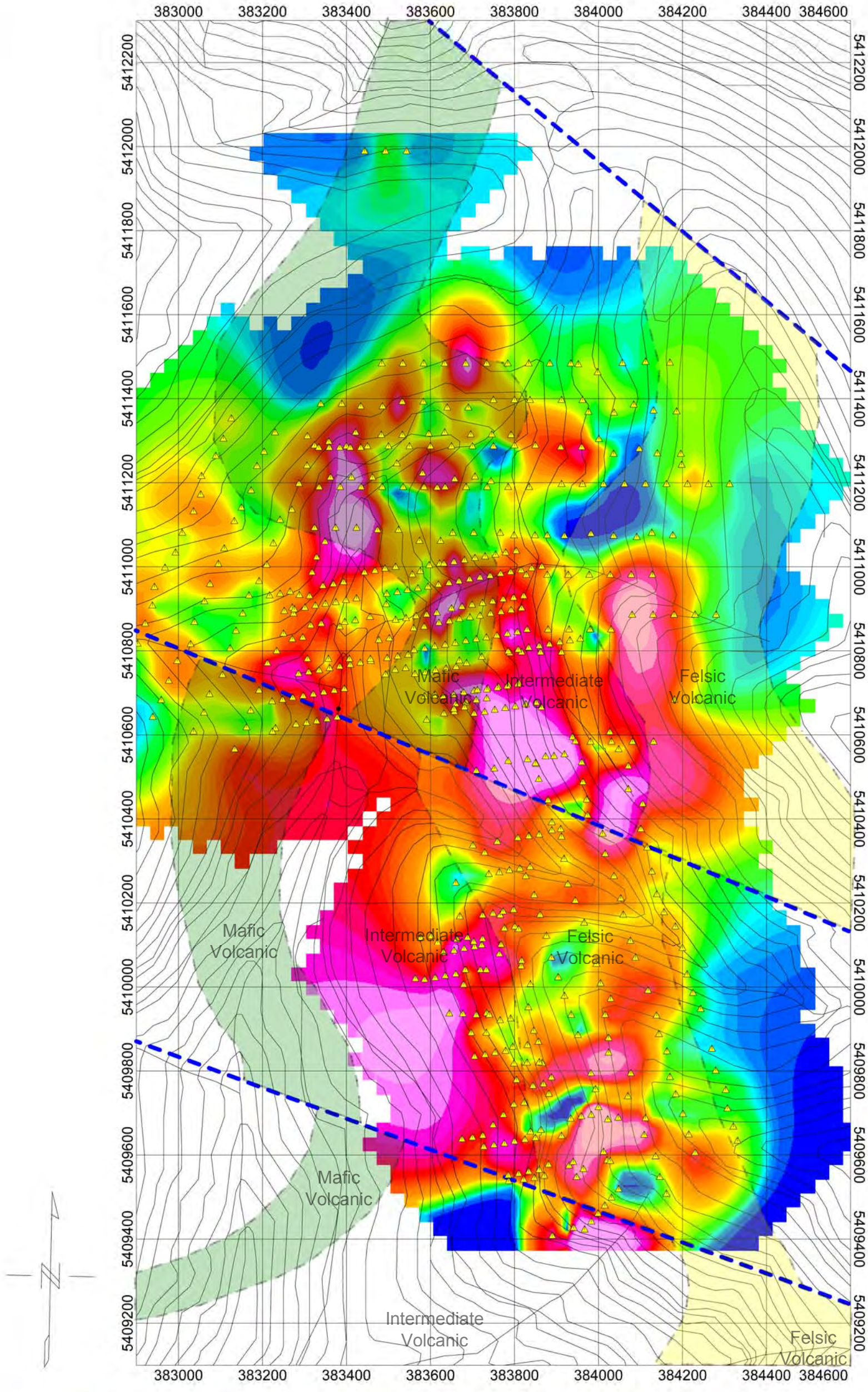


Figure 3m

Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2004 and 2010 Soil Samples

△ Soil Geochemistry Sample Site (n=605)

Nitinat Minerals Corporation
Jasper Property Main Grid **2004-2010 Zinc in Soil Samples**
Jacques Houle, P.Eng.

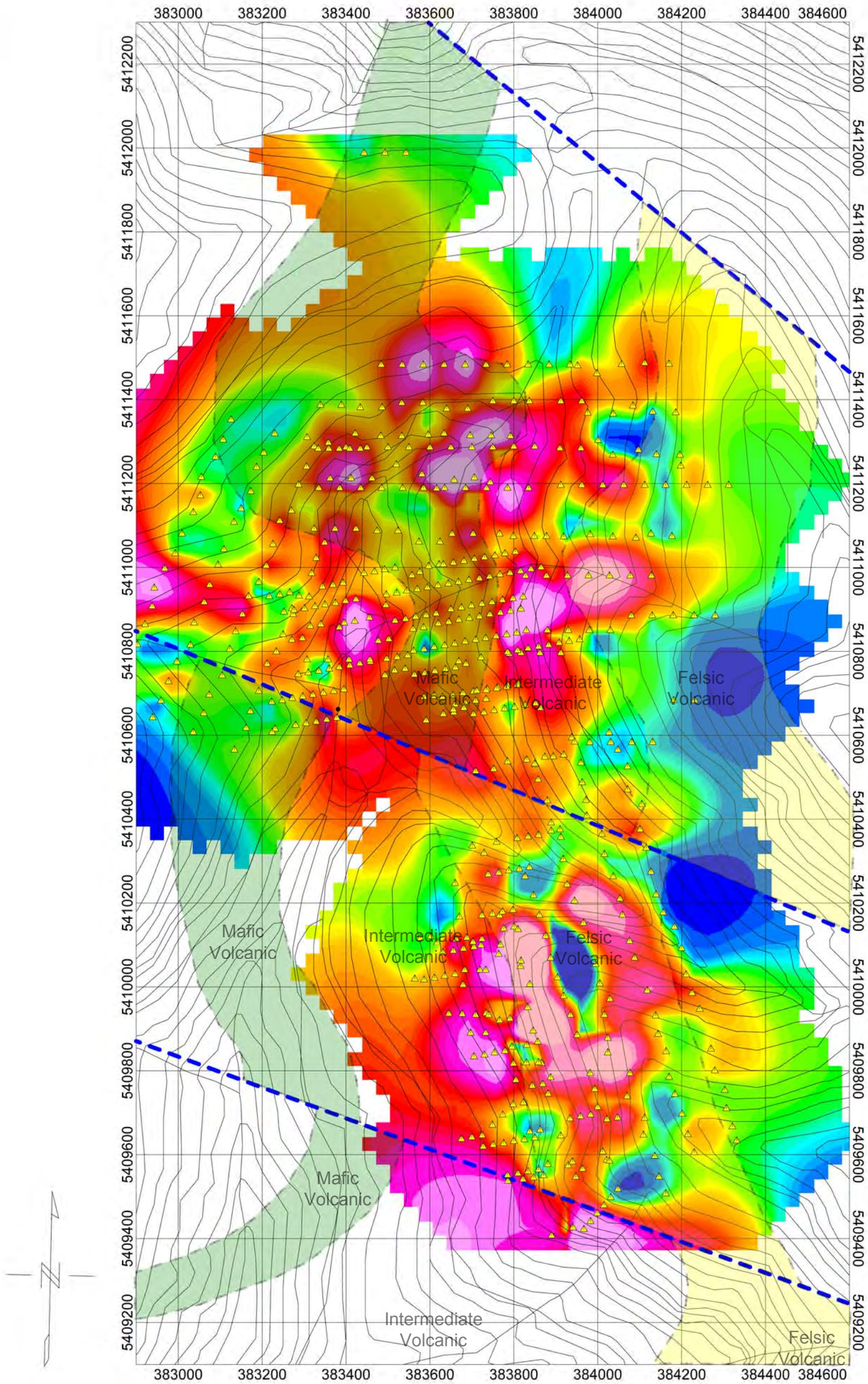


Figure 3n

Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2004 and 2010 Soil Samples

△ Soil Geochemistry Sample Site (n=605)

Nitinat Minerals Corporation
Jasper Property Main Grid **2004-2010 Molybdenum in Soil Samples**
Jacques Houle, P.Eng.

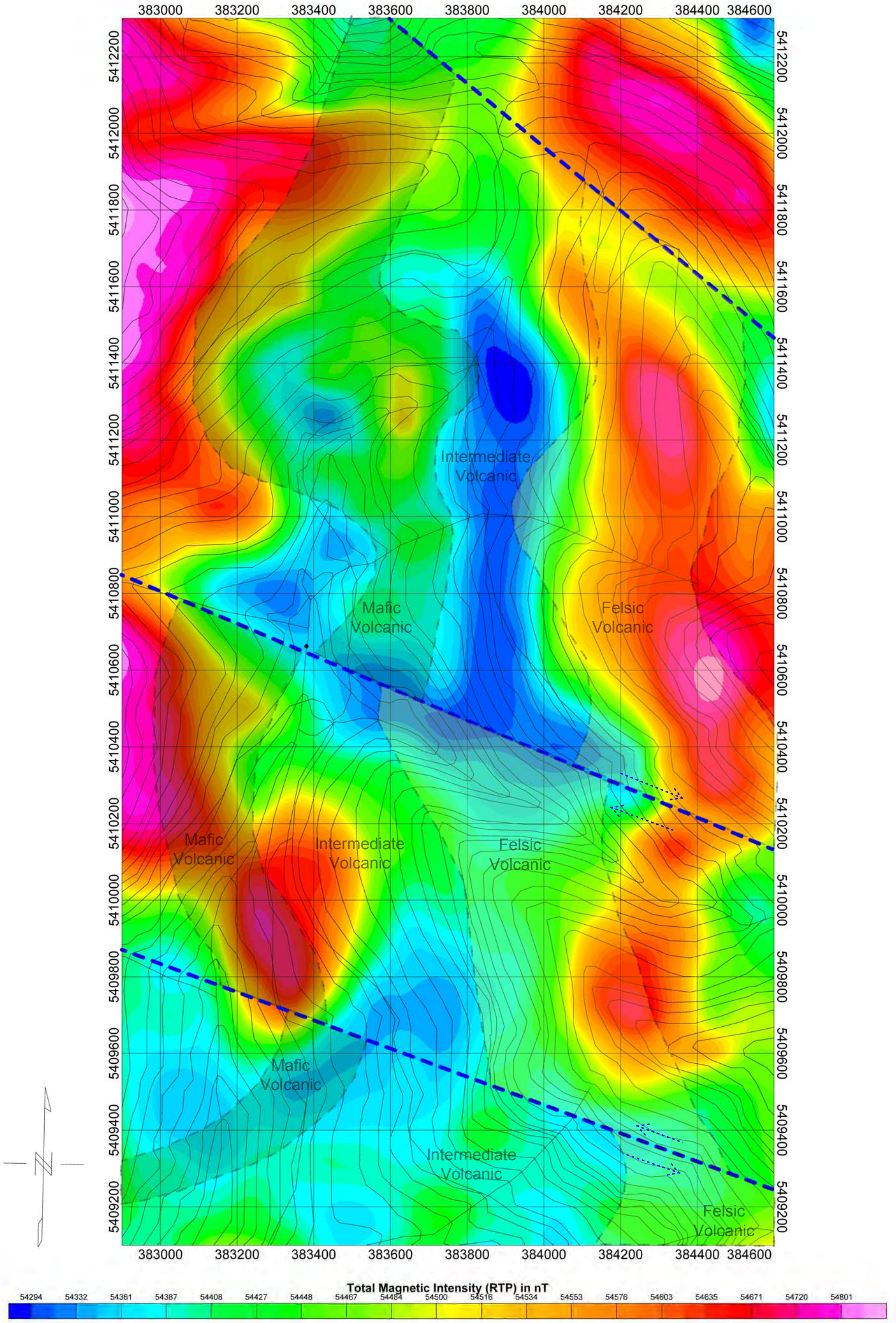


Figure 4a

Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2008 Airborne Magnetic & EM Survey by Aeroquest

Nitinat Minerals Corporation
Jasper Property Main Grid **2008 Total Magnetic Intensity (Reduced to Pole)**
Jacques Houle, P.Eng.

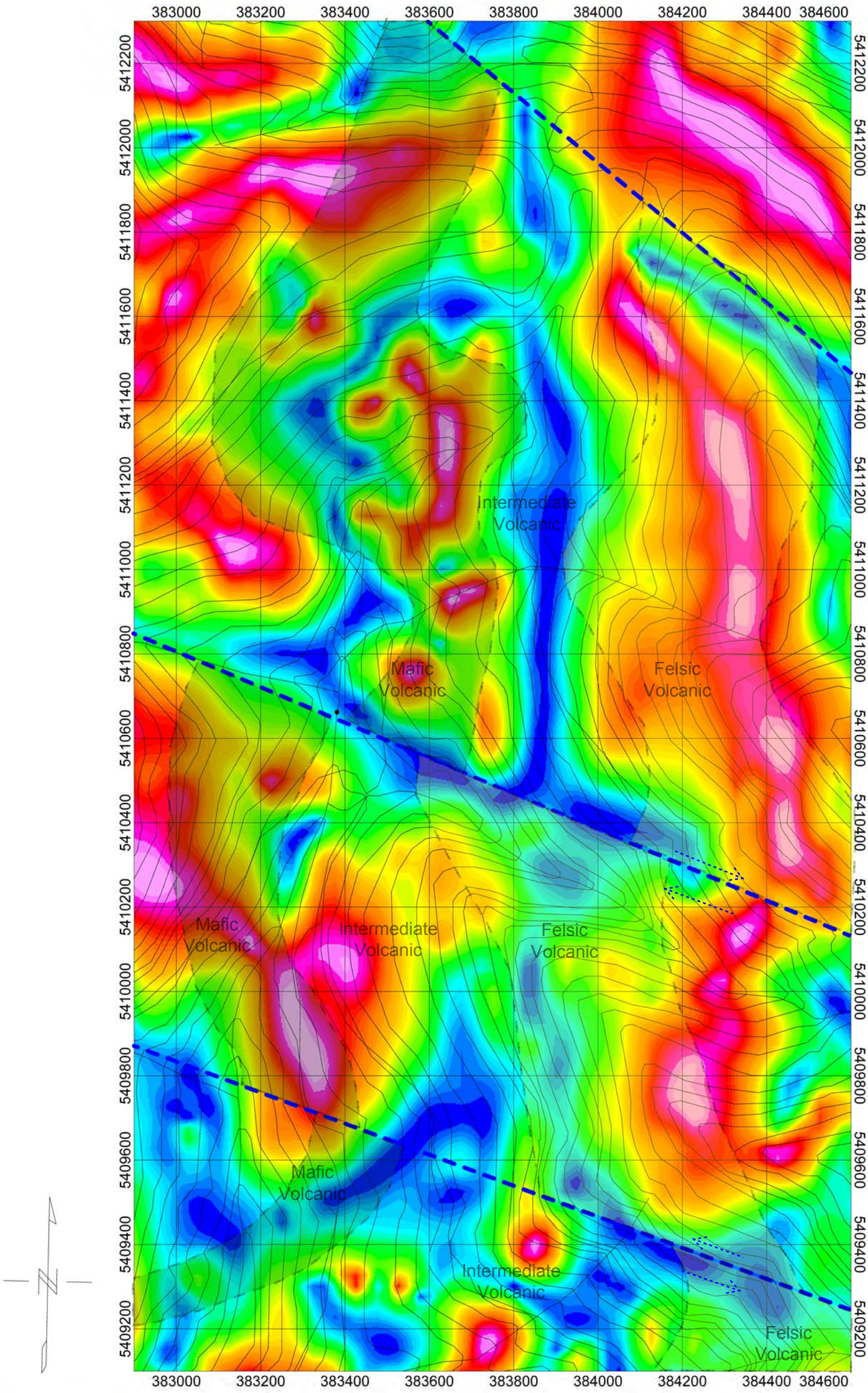


Figure 4b

Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2008 Airborne Magnetic & EM Survey by Aeroquest

Nitinat Minerals Corporation
Jasper Property Main Grid **2008 Tilt Derivative of Total Magnetic Intensity**
Jacques Houle, P.Eng.

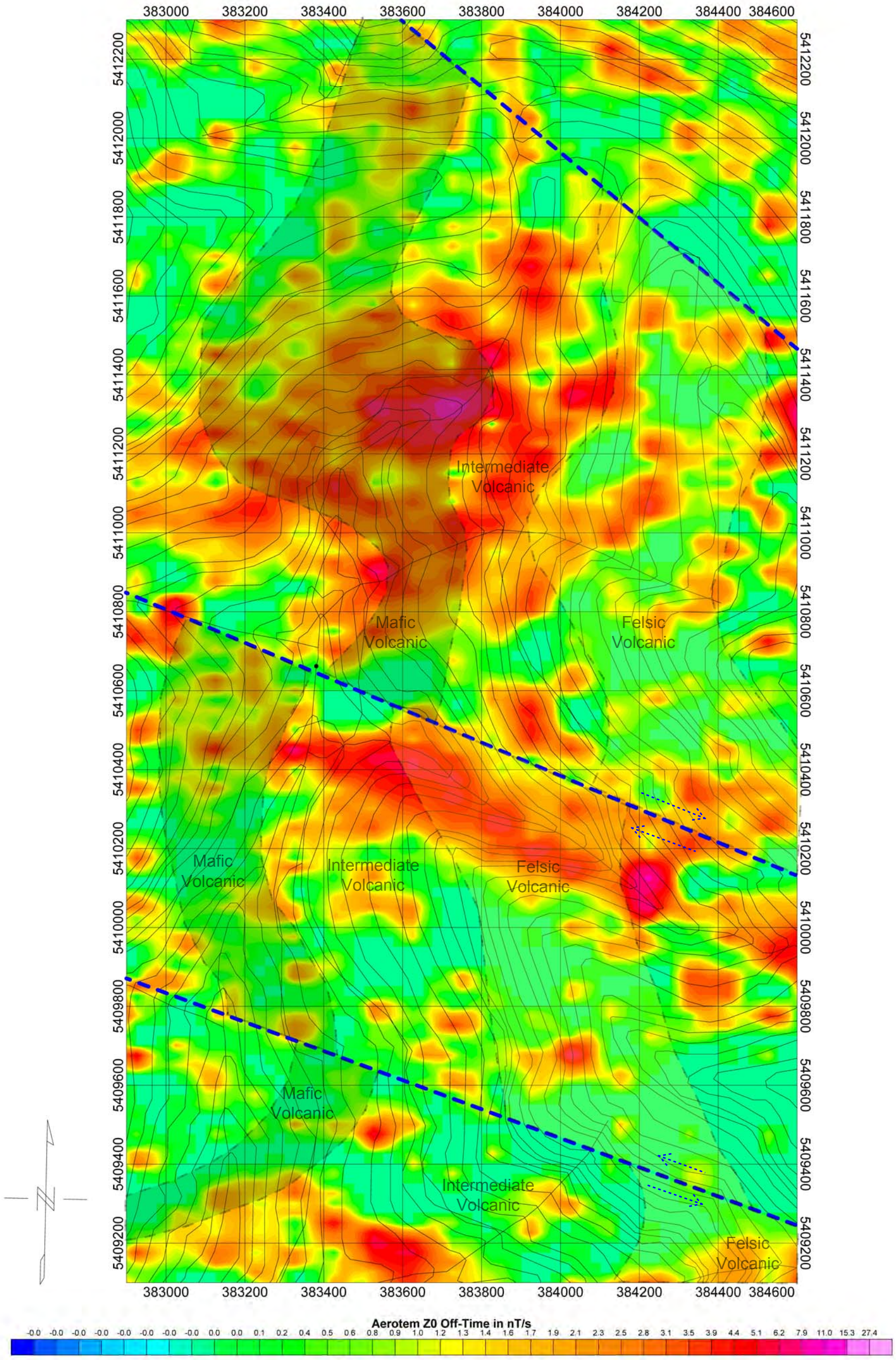


Figure 4c

Scale 1:10000

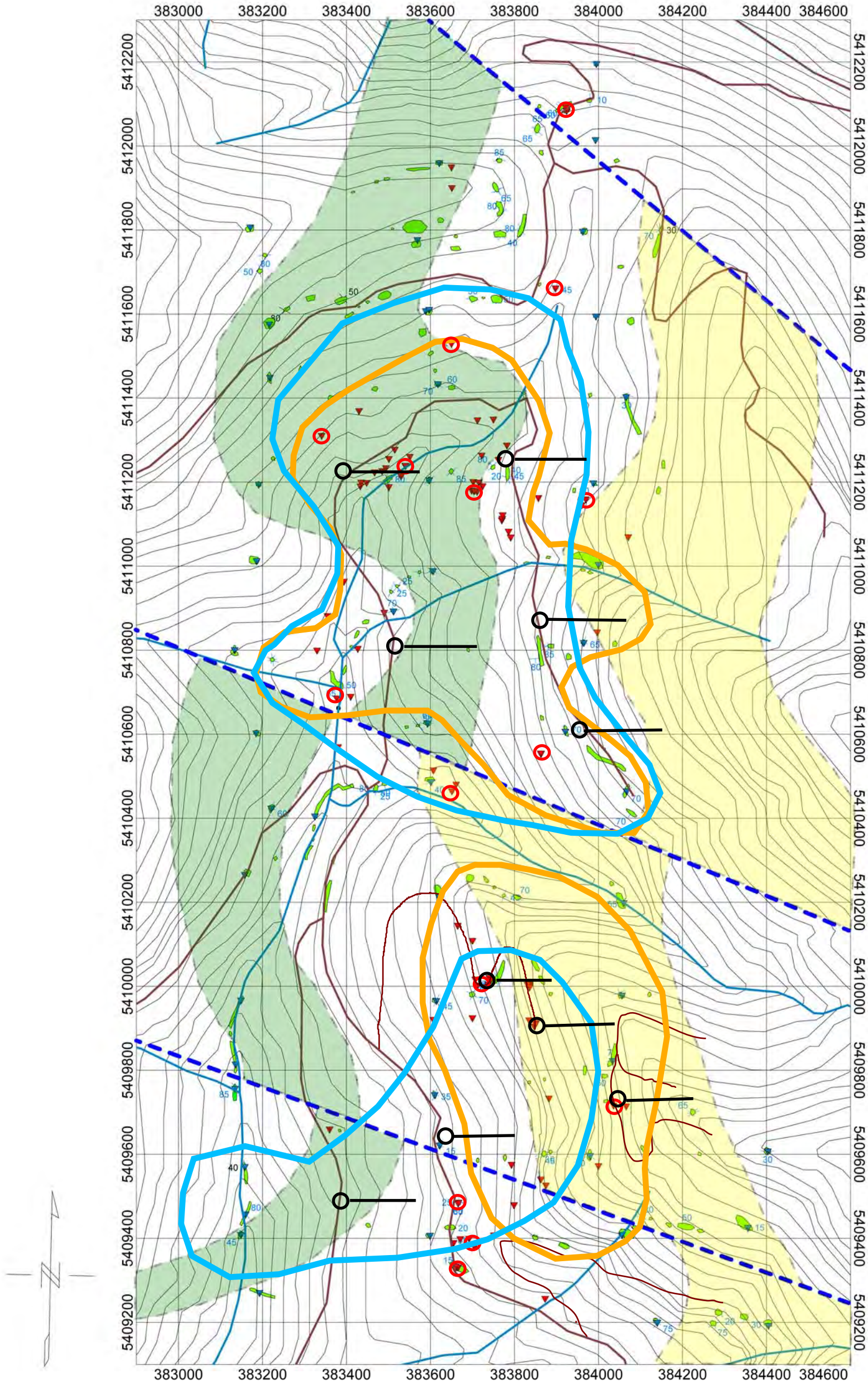
100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

2008 Airborne Magnetic & EM Survey by Aeroquest

Nitinat Minerals Corporation
Jasper Property Main Grid **2008 Aerotem Z0 Off-Time**
Jacques Houle, P.Eng.



Geological Interpretation (Houle) based on Rock Types (Metcalfe)

- Felsic Volcanics
- Intermediate Volcanics
- Mafic Volcanics

Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

- Proposed Drill Site
- Aeromagnetic Low Response Anomaly
- Polymetallic Soil Geochemistry Anomaly Cluster
- +/-Cu-Pb-Zn-Ag-Cu Showing (n=15)
- Geochemistry/Assay Sample Site (n=151)
- Whole Rock Sample Site (n=51)
- Intermediate Volcanics - including massive, brecciated, and crystal phyric or lapilli tuffs

Figure 5a

Nitinat Minerals Corporation

Jasper Property Main Grid
Compilation Map 2015

Jacques Houle, P.Eng.

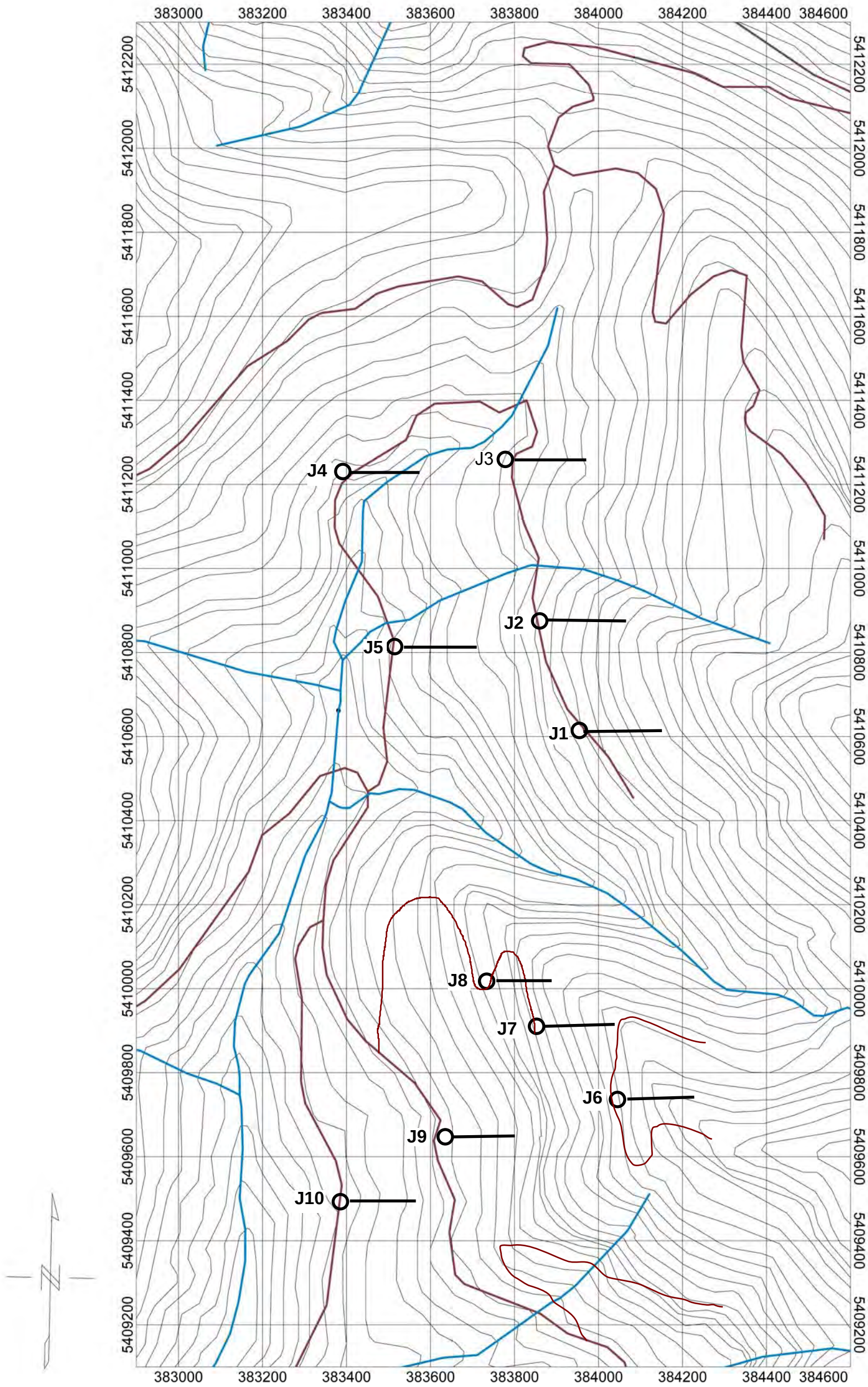


Figure 5b

Proposed Drill Site (n=10)

J1

Scale 1:10000

100 0 100 200 300 400

(meters)

NAD83 / UTM zone 10N

Nitinat Minerals Corporation
Jasper Property Main Grid **Proposed Drill Sites 2015**
Jacques Houle, P.Eng.

2015 Jasper Assessment Report

Appendix 1 – Geological Data

Contact and Bedding Measurements - Jasper Main Grid Area

Easting	Northing	Elevation	Strike	Dip
383158	5409571	241	170	40
383253	5411609	607	120	80
383392	5411638	612	320	50
384146	5411800	620	0	30

Foliation and Shearing Measurements - Jasper Main Grid Area

Easting	Northing	Elevation	Strike	Dip
384275	5409195	559	65	75
384140	5409200	499	35	75
384350	5409210	588	35	30
384290	5409220	562	50	20
383666	5409332	435	225	15
383704	5409382	456	205	65
383850	5409400	480	125	90
383149	5409409	245	125	45
383650	5409425	425	0	20
384356	5409426	682	0	15
384210	5409430	684	275	50
384100	5409450	638	290	20
383160	5409458	251	320	80
383666	5409484	431	90	60
383667	5409486	432	180	25
383667	5409486	432	95	85
383980	5409597	635	130	50
383860	5409605	535	45	30
383885	5409605	612	90	45
384403	5409608	795	90	30
384110	5409610	721	100	90
383622	5409622	414	30	15
384225	5409700	777	75	90
384225	5409700	777	230	65
383610	5409742	440	20	35
383135	5409757	273	150	85
384010	5409790	704	105	50
384034	5409823	691	265	75
383614	5409966	459	25	45
383700	5409980	522	25	70
383700	5409980	522	300	30
384050	5409985	658	70	90
383755	5410015	550	155	70
383760	5410020	550	150	70
384060	5410199	542	165	55
383805	5410210	521	290	70
383775	5410215	530	20	45
384077	5410410	598	130	70
383221	5410424	375	25	60

Foliation and Shearing Measurements - Jasper Main Grid Area

Easting	Northing	Elevation	Strike	Dip
384067	5410465	594	55	70
383470	5410470	350	185	80
383470	5410470	350	55	25
383490	5410480	360	75	50
383601	5410487	380	65	40
383921	5410607	587	340	70
383570	5410620	380	310	50
383593	5410626	473	270	60
383384	5410716	373	115	55
383384	5410716	373	355	50
383224	5410777	419	170	90
383224	5410777	419	115	90
383850	5410780	561	85	80
383880	5410810	582	90	90
383880	5410810	582	75	85
383965	5410818	641	20	65
383512	5410893	437	255	70
383505	5410940	448	20	25
383520	5410950	453	40	90
383520	5410950	453	325	25
383575	5410985	465	100	90
383575	5410985	465	160	90
383606	5410989	465	120	90
383606	5410989	465	70	90
383606	5410989	465	120	90
384000	5411004	622	265	70
383988	5411198	582	120	80
383500	5411205	437	350	80
383597	5411205	466	50	90
383784	5411210	528	290	40
383784	5411210	528	340	45
383784	5411210	528	200	20
383650	5411225	498	50	85
383748	5411238	511	225	80
384066	5411403	618	85	30
383650	5411425	515	280	60
383618	5411434	505	130	70
383700	5411635	574	275	50
383758	5411638	589	10	50

Foliation and Shearing Measurements - Jasper Main Grid Area

Easting	Northing	Elevation	Strike	Dip
383898	5411662	578	20	45
383194	5411703	654	170	50
383206	5411740	662	85	80
383772	5411787	619	50	40
384146	5411800	620	150	70
383816	5411802	612	150	90
383816	5411802	612	190	80
383770	5411840	630	230	80
383760	5411860	630	40	90
383760	5411895	630	145	90
383760	5411895	630	65	65
383765	5411965	635	265	85
383855	5412035	582	130	65
383855	5412045	582	270	65
383910	5412090	570	135	60
383915	5412095	570	135	60
383980	5412110	556	0	10

2015 Jasper Assessment Report

Appendix 2 – Sampling and Geochemistry Data

2010 to 2015 Rock Sample Locations for Jasper Project

Sample #	Date	Sampler	Property	Location	Details	UTM Zone	Easting	Northing	Elevation
E5124260	08-Jul-15	Metcalfe, P	Jasper	Till exposure on the side of the hill	Indurated till with volcanic clasts and oxidized sulphide.	10N	383692	5409171	399
E5124261	08-Jul-15	Brannstrom, BM	Jasper	Roadcut exposing till	Grab. Same as E5124260	10N	383391	5409202	314
E5124262	08-Jul-15	Metcalfe, P	Jasper	Top end of outcrop in stream	Grab. Basaltic andesite, saccharoidal texture. Rusty fractures, minor pyrite mineralizn. \minor propylitic alteration	10N	383193	5409271	221
E5124711	14-Jul-15	Brannstrom, BM, Houle, J.	Jasper	Subcrop immediately north of small east facing outcrop at main grid station 3916	Select subcrop grab of weakly banded and zoned 0.1 m. thick massive sulphide containing 10% epidote, 5% quartz, 5% chlorite, 60% sphalerite, 5% chalcopyrite, 5% pyrite, 5% galena, 5% FeOx hosted by f.g. intermediate crystal lapilli tuff	10N	383898	5411662	578
E5124760	09-Jul-15	Brannstrom, BM	Jasper	Line 9400 N, just west of main logging road	Grab. Extremely weathered (Fe0x) volcanic rock; minor smectite alt, with epidote.	10N	383599	5409407	412
E5124761	09-Jul-15	Brannstrom, BM	Jasper	Footwall of SW dipping shear zone, located left bank of main creek	Grab. Volcanic fragmental, 50% propylitic alteration, 20% weathered Fe0x. Shear: 123/43 SW	10N	383149	5409409	245
E5124762	09-Jul-15	Brannstrom, BM	Jasper	In main creek; outcrop.	Grab of NW of shear zone. Intermediate fragmental volc., fspar phyric, epidote and kspar? alteration, propylitic alteration, 50%. Weak Fe0x weathering. Shear orientation: 322/81. Extension fractures epidote: 003/68.	10N	383160	5409458	251
E5124763	09-Jul-15	Brannstrom, BM	Jasper	Left bank of main creek, north end of o/c	Grab. Vitric crystal lapilli tuff. Fiammi flattening direction 176/42. Minor epidote, calcium carbonate alteration, including veinlets. Very light weathering, <5%	10N	383158	5409571	241
E5124764	10-Jul-15	Brannstrom, BM	Jasper	Right bank in creek.	Grab. Volcanic fragmental(cognate). Plag euhedral to subhedral, as large as 2mm. Light grey weathered, med. Grey fresh. Dacite? crystal tuff; quartz absent. Moderate epidote alteration, mostly on plagioclase (20%). Trace Fe0x. Fracturing 356 azimuth; 79 to 89 variable dip.	10N	383135	5409757	273
E5124765	10-Jul-15	Metcalfe, P	Jasper	Right bank in creek.	Grab. Very fresh, plagioclase phyric volcanic rock. No qtz phenocrysts. Trace epidote alteration. No mineralization. Moderately strongly magnetic.	10N	383136	5409815	266
E5124766	10-Jul-15	Metcalfe, P	Jasper	Left bank in main creek; north end of o/c	Grab. Light grey weathered (very minor) plagioclase phyric volcanic fragmental. Approx. 20% alteration: epidote, in clast , Fe0x in fractures. No mineralization. Same unit as E5124765.	10N	383149	5409967	280
E5124767	11-Jul-15	Metcalfe, P	Jasper	In main creek, right side, at south end of outcrop	Grab. Crystal lithic lapilli tuff. Fine grained, med grey weathered (lightly). Very competant rock. Plagioclase phyric (1-2mm)Lapilli as large as 10 cm visible. Epidote alteration (minor, 10 to 20%) in groundmass including plagioclase. Calcite present in groundmass. Trace dissem. pyrite. Non magnetic.	10N	383325	5410405	360
E5124768	11-Jul-15	Metcalfe, P	Jasper	On Caycuse Main, west side.	Grab. Crystal lithic lapilli tuff. Fine grained med grey, minor weathering. Very minor epidote, alteration (5%). Trace pyrite.	10N	383158	5410266	365
E5124769	12-Jul-15	Metcalfe, P	Jasper	Middle of small creek (Stn.. 3204), which intersects Caycuse Main	Grab. Intermediate plagioclase phyric crystal lapilli tuff. Light grey, lightly weathered volcanic rock containing clasts of feldspar phyric volcanic rock. Rock also contains small (sub to mm sized) dark phase: chloritized. Exposure difficult to determine fragmental percentage. Non-magnetic. Alteration: moderate alteration of dark phase (?) and groundmass; also soft white mineral and FeOx in fractures.	10N	383221	5410424	375
E5124770	12-Jul-15	Metcalfe, P	Jasper	Outcrop on promintory just south of 3206	Grab. Intermediate plagioclase phyric crystal lapilli tuff. Pyrite variable; trace to 5%, disseminated. Non-magnetic. Moderate chlorite alteration of groundmass	10N	383185	5410603	434
E5124771	13-Jul-15	Metcalfe, P	Jasper	Outcrop on cliff above creek near 3208	Grab sample from an outcrop. Crystal lapilli tuff. Moderate pervasive chlorite, epidote, minor calcite alteration. No mineralization apparent, very minor FeOx weathering. Foliation exists, but not reliable.	10N	383134	5410801	449
E5124772	13-Jul-15	Metcalfe, P	Jasper	Outcrop from promontory at 3210	Grab sample. Rhyodacite. Moderate pervasive chlorite alteration, with blebs of epidote. Primary quartz 2% and plagioclase in the mode. Mineralized with approx. 3% chalcopyrite, trace malachite.	10N	383186	5411013	517
E5124773	14-Jul-15	Brannstrom, BM, Houle, J.	Jasper	South facing outcrop at main grid station 3616	Random grab sample of intermediate crystal lapilli tuff with 25% chlorite, 5% epidote, 2% pyrite in blebs, 5% FeOx	10N	383589	5411608	552
E5124774	14-Jul-15	Brannstrom, BM, Houle, J.	Jasper	Large southwest facing outcrop at main grid station 4016	Random grab sample of intermediate crystal lapilli tuff with 10% silica, 5% epidote, 2% FeOx foliated @ 240/50	10N	383994	5411595	618
E5124775	15-Jul-15	Brannstrom, BM, Houle, J.	Jasper	Group of small flat outcrops at main grid station 4018	Random grab sample of intermediate lapilli tuff containing 25% chlorite, 10% epidote, 5% silica, 0.2% pyrite, 2% FeOx	10N	383963	5411797	588
E5124776	15-Jul-15	Brannstrom, BM, Houle, J.	Jasper	Flat outcrop at main grid 4020	Random grab sample of intermediate crystal lapilli tuff containing 40% silica, 10% chlorite, 5% hematite, 1% FeOx	10N	383993	5412015	596
E5124777	16-Jul-15	Brannstrom, BM, Houle, J.	Jasper	North facing outcrop	Random grab sample of intermediate plagioclase porphoritic volcanic outcrop, containing 40% chlorite, 10% silica, 1% magntite and a trace of calcite	10N	383995	5412196	524
E5125210	08-Jul-15	McLelland,D., Houle, J	Jasper	Small outcrop in dry creek bed within main grid line 5409200	Random grab sample from a porphoritic intermediate volcanic outcrop 3.0 m wide, foliation @ 035/75, containing a trace of sphalerite and 20% chlorite? And a trace of FeOx weathering	10N	384140	5409200	499
E5125211	08-Jul-15	McLelland,D., Houle, J	Jasper	Small outcrop in running creek bed within main grid line 5409200	Random grab sample from a fine grained mafic volcanic outcrop 8.0m wide, containing 0.5% pyrite and a trace of FeOx weathering	10N	384405	5409193	598
E5125212	08-Jul-15	McLelland,D., Houle, J	Jasper	Bluff outcrop on steep terrain within main grid line 5409600	Random grab sample from a fine grained mafic volcanic outcrop 10.0m wide, folitation @ 080/90, containing 1% fine grained pyrite and a trace of FeOx weathering	10N	384356	5409426	682
E5125213	08-Jul-15	McLelland,D., Houle, J	Jasper	Bluff outcrop on steep terrain within main grid line 5409600	Random grab sample from a fine-med grained intermediate volcanic outcrop 5.0 m wide, containing 2% pyrite and a trace of FeOx and MnOx weathering	10N	384056	5409409	589
E5125214	09-Jul-15	Houle, J., McLelland, D.	Jasper	East side road cut along Caycuse Main at main grid station 3696	Random outcrop grab sample from a fine grained intermediate volcanic 5 m. wide, containing 2% silica, 3% pyrite, rare chalco, 1% FeOx, foliation @ 030/20	10N	383622	5409622	414
E5125215	09-Jul-15	Houle, J., McLelland, D.	Jasper	West facing slope outcrop at main grid station 4096	Random outcrop grab sample from a fine grained intermediate volcanic containing 5% chlorite clusters, 0.5% pyrite, rare chalcopyrite in chlorite, trace FeOx	10N	383980	5409597	635
E5125216	09-Jul-15	Houle, J., McLelland, D.	Jasper	Top end roadcut at grid station 4496	Random outcrop grab from a fine grained mafic volcanic containing 5% hematite, 2% epidote, 15% 0.02 m. wide quartz stringers @ 090/30 (not in sample), 3% magnetite, trace FeOx	10N	384403	5409608	795
E5125217	09-Jul-15	Houle, J., McLelland, D.	Jasper	East side road cut old logging road at grid station 4098	Random outcrop grab from a fine grained intermediate volcanic containing a 0.25 m. thick shear @ 265/75, trace FeOx	10N	384034	5409823	691
E5125218	09-Jul-15	Houle, J., McLelland, D.	Jasper	East side road cut along Caycuse Main near main grid station 3698	Random outcrop grab from a fine grained mafic volcanic containing 5% epidote, 1% pyrite, 5% FeOx, with foliation @ 20/35	10N	383610	5409742	440
E5125219	10-Jul-15	McLelland,D., Houle, J	Jasper	East facing slope bluff	Random outcrop grab ample from a fine grained intermeadiate volcanic rock containing a trace of pyrite and a trace of FeOx	10N	383614	5409966	459
E5125220	10-Jul-15	McLelland,D., Houle, J	Jasper	outcrop at top of bluff near station 4000	Random outcrop grab sample from a fine grained intermediate volcanic rock containing 2% pyrite, 5% quartz and a trace of FeOx	10N	384056	5409979	663
E5125221	10-Jul-15	McLelland,D., Houle, J	Jasper	South side of Camp creek	Random outcrop grab sample from a fine grained intermediate volcanic rock containing 0.2% pyrite, 2% Quartz stringers and a trace of FeOx	10N	384060	5410199	542
E5125222	10-Jul-15	McLelland,D., Houle, J	Jasper	East facing slope outcrop	Random outcrop grab from fine grain intermeadiate volcanic rock containing 0.5% Pyrite, 10% clorite, a trace of FeOx and 10% epidote	10N	383621	5410213	508
E5125223	11-Jul-15	Houle, J., McLelland, D.	Jasper	Main grid station 3604;south side creek bed	Random outcrop grab from fine grained intermediate volcanic breccia foliated @ 065/40 with 10% silica alteration, 8% pyrite, 2% FeOx	10N	383601	5410487	380
E5125224	11-Jul-15	Houle, J., McLelland, D.	Jasper	Main grid station 4004;northeast side roadcut	Random outcrop grab from fine grained intermediate volcanic with foliation/fracturing @ 055/70 with 20% silica, 5% chlorite alteration, trace FeOx	10N	384067	5410465	594
E5125225	11-Jul-15	Houle, J., McLelland, D.	Jasper	Main grid station 4006;northeast side roadcut	Random outcrop grab from medium grained intermediate volcanic with 20% chlorite alteration, trace pyrite, 1% FeOx	10N	383921	5410607	587
E5125226	11-Jul-15	Houle, J., McLelland, D.	Jasper	Main grid station 3606; creek bed small outcrop	Random outcrop grab from fine grained intermediate volcanic foliated @ 270/60 with 5% silica alteration, 10% pyrite, 10% FeOx	10N	383593	5410626	473
E5125227	12-Jul-15	McLelland,D., Houle, J	Jasper	Outcrop on north side of creek near 3868	Random grab sample from an outcrop of fine grained intermediate volcanic rock, containing 20% quartz, 10% FeOx, 5% Py and 5% chlorite	10N	383512	5410893	437
E5125228	12-Jul-15	McLelland,D., Houle, J	Jasper	Outcrop on bluff west facing slope near 3610	Random grab ample from an outcrop of fine grained intermediate volcanc containing 10% silica, 1% Py, trace FeOx and quartz breccia vein @ 020/65	10N	383965	5410818	641
E5125229	12-Jul-15	McLelland,D., Houle, J	Jasper	Outcroup on cliff east facing slope near 4010	Random grab sample from an outcrop of fine grained intermediate volcanic rock, containing 20% silica and a trace of FeOx	10N	384000	5411004	622
E5125230	12-Jul-15	McLelland,D., Houle, J	Jasper	small outcrop in dry creek bed near 3610	Random grab sample from an outcrop of fine grained intermediate volcanic rock, containing a trace of Py	10N	383606	5410989	465
E5125231	13-Jul-15	McLelland,D., Houle, J	Jasper	West facing outcrop at main grid station 3612	Random grab sample from fine grained intermediate volcanic with foliation @ 050/90 containing 15% silica, 5% epidote, 5% magnetite, trace pyrite, trace FeOx	10N	383597	5411205	466
E5125232	13-Jul-15	McLelland,D., Houle, J	Jasper	East facing outcrop in creek main at main grid station 4012	Random grab sample from fine grained intermediate volcanic with foliation @ 120/80 containing 20% silica, 10% epidote, 15% chlorite, 5% pyrite, trace FeOx	10N	383988	5411198	582
E5125233	13-Jul-15	McLelland,D., Houle, J	Jasper	East facing outcrop at main grid station 4014	Random grab sample from fine grained intermediate volcanic containing 1% quartz, 1% epidote	10N	384066	5411403	618
E5125234	13-Jul-15	McLelland,D., Houle, J	Jasper	South facing outcrop in creek bed along north side of road at main grid station 3614	Random grab sample from fine grained intermediate volcanic with foliation @ 130/70 containing 20% epidote, 10% silica, 2% pyrite, trace FeOx	10N	383618	5411434	505
E5125235	14-Jul-15	McLelland, D, Metcalfe,P	Jasper	roads side outcrop above the whale	Random grab sample from fagmental volcanic containing weak epidote, pervasive chlorite and a trace of FeOx, weakly	10N	383191	5411195	221
E5125236	14-Jul-15	McLelland, D, Metcalfe,P	Jasper	roads side outcrop above the whale	Random grab sample from fagmental volcanic containing patchy epidote, moderate chlorite and a trace of FeOx, patchy non to moderate magnetism	10N	383218	5411449	582
E5125237	15-Jul-15	McLelland, D, Metcalfe,P	Jasper	Small outcro on east side of creek	Random grab sample from an outcrop Lapilli tuff containing 1% chlorite, 10% Py, trace FeOx 2% epidote, 5%feldspars	10N	383597	5411611	548
E5125238	15-Jul-15	McLelland, D, Metcalfe,P	Jasper	outcrop on a south facing slope on the upper roads	Random grab sample from an outcrop of Lapilli tuff containing 2% epidote,a trace of chlorite, 15% feldspars and a trace of FeOx	10N	383216	5411576	626
E5125239	15-Jul-15	McLelland, D, Metcalfe,P	Jasper	outcrop on south facing slope	Random grab sample from an outcrop of Lapilli tuff containing 20% plagioclase, trace of Epidote and a trace ofFeOx	10N	383171	5411807	673
E5125240	16-Jul-15	McLelland, D, Metcalfe,P	Jasper	Outcrop on bluff located on south facing slope	Random grab sample of intermediate crystal lapilli tuff containing, a trace of chlorite, a trace of epidote and 1% FeOx	10N	383569	5411777	627
E5125241	16-Jul-15	McLelland, D, Metcalfe,P	Jasper	Outcrop on south side of upper road above "the whale"	Random grab sample of intermediate crystal lapilli tuff containing, 1% chlorite,3% chlorite and a teace of FeOx	10N	383621	5411960	652

2010 to 2015 Rock Sample Descriptions for Jasper Project	
Sample #	**Descriptions**
E5124260	Green, brown and white, f.g. to c.g., partially consolidated till consisting of 75% angular clasts of f.g. intermediate volcanics, 5% angular quartz clasts, 10% sandy matrix, 10% FeOx
E5124261	Green, brown and white, f.g. to v.c.g., partially consolidated till consisting of 85% angular clasts of f.g. intermediate volcanics, 5% angular quartz clasts, 5% sandy matrix, 5% FeOx
E5124262	Grey, green and white, m.g., massive, silicified, chloritized and epidotized intermediate volcanic containing 50% amorphous silica, 8% v.f.g. altered plagioclase, 20% m.g. epidote clusters, 20% m.g. chlorite clusters with 2% f.g. hematite
E5124760	Grey, green and black, f.g., massive, weakly magnetic, silicified, chloritic intermediate volcanic containing 75% f.g. silica, 5% v.f.g. altered plagioclase, 20% m.g. clusters of 13% chlorite, 5% epidote, 2% magnetite grains with trace v.f.g. sulphides
E5124761	Green, white and brown, m.g., brecciated, chloritized intermediate volcanic with 10% banded quartz-epidote-sulphide stringers; contains 35% plagioclase, 35% chlorite, 15% quartz, 5% epidote, 10% FeOx, tr. sulphide clusters mainly chalcopyrite
E5124762	Dark and light green, f.g. to m.g., massive, silicified, epidotic and chloritic intermediate volcanic containing 55% amorphous silica, 5% quartz-calcite stringers, 5% v.f.g. altered plagioclase, 10% f.g. chlorite, 20% m.g. epidote clusters, 5% hematite
E5124763	Green and white, m.g., weakly foliatied, silicified, chloritic and epidotic intermediate volcanic containing 35% amorphous silica, 10% m.g. quartz eyes, 15% v.f.g. altered plagioclase, 20% f.g. chlorite, 20% m.g. epidote, trace hematite
E5124764	Grey, green and red, m.g., weakly magnetic, massive, silicified, chloritic, epidotic, hematitic intermediate volcanic containing 20% quartz eyes, 40% chlorite, 30% epidote, 8% hematite, 1% magnetite, 1% calcite filling locally in epidote clusters
E5124765	Dark grey and purple, f.g., moderately magnetic, silicified, hematitic, chloritic intermediate volcanic containing 40% amorphous silica, 25% quartz eyes, 20% chlorite clusters, 10% disseminated hematite, 5% disseminated magnetite
E5124766	Grey and green, f.g. to c.g., moderately magnetic, silicified, epidotic, intermediate volcanic breccia consisting of 75% angular monomictic clasts and 25% matrix; contains 60% silica, 10% quartz eyes, 20% epidote, 5% chlorite, 5% magnetite
E5124767	Grey and green, f.g., massive, silicified, epidotic, chloritic intermediate volcanic containing 20% v.f.g. altered plagioclase, 15% amorphous silica, 10% quartz eyes, 20% epidote with 5% calcite stringers, 20% chlorite, 10% hematite
E5124768	Grey and green, f.g., weakly magnetic and foliated, silicified, epidotic, intermediate volcanic containing 15% v.f.g. altered plagioclase, 40% amorphous silica & quartz eyes, 30% epidote clusters, 8% chlorite, 2% hematite, trace magnetite, rare chalcopyrite
E5124769	Green and grey, f.g. to m.g., silicified intermediate volcanic breccia consisting of 60% subrounded clasts mainly replaced by quartz and 40% matrix with 10% silica, 10% altered plagioclase, 15% chlorite, 4% epidote, 1% hematite, trace chalcopyrite
E5124770	Grey and green, f.g., weakly foliated, chloritic, silicified intermediate volcanic containing 25% v.f.g. altered plagioclase, 25% quartz eyes, 30% chlorite, 10% epidote, 10% hematite, trace pyrite
E5124771	Green, f.g., massive, 90% silicified, epidotic intermediate volcanic and 10% quartz+/-calcite stockwork stringers, with 90% volcanic portion containing 20% v.f.g. altered plagioclase, 35% amorphous silica, 30% epidote, 5% chlorite
E5124772	Grey and brown, f.g., massive, weakly magnetic, silicified, biotitic, intermediate volcanic containing 25% v.f.g. to phenocrystic altered plagioclase, 55% amorphous to quartz eye silica, 5% epidote, 15% biotite clusters with traces chalcopyrite, magnetite, FeOx
E5124773	Green and locally brown, massive, silicified, sulphidic intermediate volcanic containing 25% v.f.g. to phenocrystic altered plagioclase, 50% amorphous silica, 20% quartz-epidote eyes, 5% disseminated to clustered f.g. sulphides (4% pyrite, 1% chalcopyrite)
E5124774	Grey, black and purple, f.g., foliated, silicified,chloritic and locally hematitic intermediate volcanic containing 20% v.f.g. altered plagioclase, 50% amorphous silica, 20% chlorite, 10% hematite, trace FeOx along fractures
E5124775	Grey, green and locally purple, f.g., massive, silicified, epidotic, chloritic, hematitic intermediate volcanic containing 20% v.f.g. altered plagioclase, 30% amorphous silica, 30% epidote, 10% chlorite, 10% hematite in clusters and along fractures, trace FeOx
E5124776	Purple and grey, f.g., massive, weakly magnetic, hematitic, silicified intermediate volcanic containing 35% v.f.g. hematite, 35% amorphous silica, 15% chlorite, trace magnetite, 15% quartz-calcite-epidote eyes including 10% quartz, 4% epidote, 1% calcite
E5124777	Green and purple, f.g., massive, weakly magnetic, silicified, hematitic, chloritic intermediate volcanic containing 20% v.f.g. altered plagioclase, 30% amorphous silica, 10% quartz-calcite stockwork & eyes, 20% clustered hematite, 15% chlorite, 5% epidote
E5125210	Green, white and brown, m.g., massive, chloritic, epidotic and silicified intermediate volcanic containing 15% v.f.g. to phenocrystic altered plagioclase, 40% chlorite, 20% epidote, 20% silica and quartz, 5% hematite, trace f.g. sulphide clusters
E5125211	Purple, white and green, f.g., weakly foliated, silicified and hematized intermediate volcanic containing 75% amorphous, hematitic silica matrix, 5% f.g. quartz phenocrysts, 10% v.f.g. altered plagioclase, 10% chlorite clusters with 1% f.g. hematite
E5125212	Grey, purple and white, f.g., massive, silicified and hematized intermediate volcanic containing 75% amorphous to fine grained, hematitic silica matrix, 10% quartz eyes, 5% v.f.g. altered plagioclase, 10% f.g. hematite, trace epidote
E5125213	Grey, green and black, f.g., massive, silicified, chloritic intermediate volcanic containing 55% amorphous silica, 5% f.g. to phenocrystic altered plagioclase, 35% chlorite, 4% wispy biotite, 1% hematite with trace v.f.g. sulphides
E5125214	Grey and green, f.g., silicified, epidotic and sulphidized intermediate volcanic containing 30% amorphous silica, 30% quartz eyes, 15% f.g. to phenocrystic altered plagioclase, 15% vuggy epidote stringers, 10% net-textured sulphides, mainly pyrite
E5125215	Grey, green and white, f.g., weakly foliated, silicified intermediate volcanic containing 85% amorphous silica, 10% v.f.g. altered plagioclase, 1% f.g. altered plagioclase phenocrysts, 3% f.g. chloritic clusters, 1% v.f.g. sulphides, mainly pyrite
E5125216	Dark and light green, f.g. to m.g., massive, silicified, chloritic and epidotic intermediate volcanic containing 40% amorphous silica, 10% m.g. quartz eyes, 10% v.f.g. altered plagioclase, 20% f.g. chlorite, 20% m.g. epidote clusters, trace hematite
E5125217	Green, grey, white and black, f.g., massive, silicified intermediate volcanic containing 75% amorphous silica, 10% v.f.g. to phenocrystic altered plagioclase, 10% chlorite clusters, 5% hematite/biotite clusters
E5125218	Green and white, m.g., weakly foliated, silicified, epidotic and chloritic intermediate volcanic containing 15% v.f.g. altered plagioclase, 25% amorphous silica, 10% m.g. quartz eyes, 40% m.g. epidote, 10% f.g. chlorite, trace f.g. sulphide clusters
E5125219	Green and beige, f.g. to m.g., foliated, silicified intermediate volcanic containing 55% banded, amorphous silica, 20% v.f.g. to phenocrystic altered plagioclase, 10% epidote clusters and stringers, 10% disseminated chlorite, 5% hematite
E5125220	Grey and green, f.g., massive, silicified intermediate volcanic containing 15% v.f.g. altered plagioclase, 70% amorphous silica, 9% quartz eyes with 5% chlorite and 1% pyrite in clusters
E5125221	Grey, green, black and white, f.g., massive, silicified intermediate volcanic containing 80% amorphous silica, 10% v.f.g. altered plagioclase, 1% altered plagioclase phenocrysts, 2% chloritic clusters, 2% biotite clusters, trace v.f.g. sulphides
E5125222	Dark and light green, f.g., weakly foliated, silicified, epidotic intermediate to felsic volcanics containing 40% amorphous silica, 20% quartz phenocrysts, 15% v.f.g. to m.g. altered plagioclase, m.g. clusters of 15% epidote, 5% chlorite, 5% hematite
E5125223	Grey, f.g., weakly foliated, silicified intermediate volcanic containing 15% v.f.g. altered plagioclase, 1% f.g. altered plagioclase phenocrysts, 75% amorphous silica, 8% chlorite, 1% pyrite clusters
E5125224	Dark grey, f.g. weakly foliated, silicfied, chloritic, intermediate volcanic containing 25% v.f.g. to phenocrystic altered plagioclase, 45% amorphous silica and quartz eyes, 25% v.f.g. chlorite, 4% epidote phenocrysts, 1% pyrite clusters
E5125225	Green and beige, f.g., weakly foliated, silicified, chloritic intermediate volcanic containing 25% v.f.g. altered plagioclase in strings, 10% altered plagioclase phenocrysts, 20% amorphous silica, 20% quartz eyes, 25% chlorite
E5125226	Grey, green and brown, partially weathered, massive, silicified, chloritic, sulphidic intermediate volcanic containing 25% f.g. altered feldspar, 40% quartz eyes, 25% chlorite, 5% clustered sulphides mainly pyrite rare chalcopyrite, 5% FeOx along fractures
E5125227	Green and locally brown, partially weathered, massive, silicified, chloritic intermediate volcanic containing 30% v.f.g. to phenocrystic altered plagioclase, 40% amorphous silica, 10% quartz eyes, 15% chlorite, 0.5% pyrite, 5% FeOx along fractures
E5125228	Green and black, f.g., massive, silicified, epidotic, sulphidic intermediate volcanic containing 15% v.f.g. to phenocrystic altered plagioclase, 40% amorphous silica and quartz eyes, 20% epidote, 15% chlorite, 5% disseminated pyrite, 5% thin quartz stringers
E5125229	Grey-green and locally brown, f.g., weakly foliated, silicified intermediate volcanic containing 25% v.f.g. altered plagioclase, 5% altered plagioclase phenocrysts, 60% amorphous silica, 5% quartz-FeOx stockwork stringers, 5% chlorite
E5125230	Grey, f.g., massive, very magnetic, silicified intermediate to felsic volcanic containing 50% amorphous silica, 25% quartz phenocrysts, 10% v.f.g. plagioclase, 15% disseminated magnetite
E5125231	Grey, f.g., massive, very magnetic, silicified intermediate to mafic volcanic containing 10% v.f.g. altered plagioclase, 70% amorphous silica, 5% thin quartz stringers, 5% chlorite, 10% disseminated magnetite
E5125232	Grey, black and green, f.g. to c.g., silicified, chloritic, epidotic and zoned intermediate volcanic (breccia?) containing 20% f.g. altered plagioclase, 40% amorphous silica, 20% quartz eyes, 10% epidote, 10% chlorite, 0.5% pyrite clustered in quartz eyes
E5125233	Dark grey and purple, f.g., slightly magnetic, massive, silicified, hematitic intermediate volcanic containing 15% v.f.g. altered plagioclase, 40% amorphous silica, 20% quartz eyes, 15% clustered hematite, 8% epidote, 2% f.g. magnetite
E5125234	Grey, green and purple, f.g., zoned, silicified, epidotic, hematitic intermediate volcanic containing 20% v.f.g. altered plagioclase, 30% amorphous silica, 30% epidote in clusters, 15% chlorite, 5% v.f.g locally disseminated hematite
E5125235	Grey, f.g., magnetic, massive, silicified, chloritic intermediate volcanic containing 20% v.f.g. altered plagioclase, 30% amorphous silica, 20% quartz eyes, 20% chlorite, 5% epidote, 5% disseminated magnetite, trace hematite, rare sulphides
E5125236	Grey and purple, f.g., massive, silicified, hematitic intermediate to mafic volcanic containing 10% v.f.g. altered plagioclase, 40% quartz eyes and silica, 30% hematite including specularite, 15% chlorite, 5% epidote
E5125237	Grey-green, f.g., massive, silicified, sulphidic intermediate volcanic containing 30% v.f.g. altered plagioclase, 50% amorphous silica, 10% quartz-epidote eyes, 5% chlorite, 5% clustered sulphides mainly pyrite
E5125238	Dark grey, f.g. to m.g., massive, moderately magnetic, silicified, chloritic intermediate volcanic with 10% v.f.g. altered plagioclase and zoned clusters containing 30% amorphous silica, 10% quartz eyes, 20% epidote, 20% chlorite, 5% calcite, 5% magnetite
E5125239	Grey, f.g., massive, moderately magnetic, silicified intermediate volcanic containing 10% v.f.g. and 10% phenocrystic plagioclase, 40% amorphous silica, 20% quartz eyes, 15% disseminated chlorite, 5% disseminated magnetite, rare pyrite in clusters
E5125240	Dark grey, f.g., massive, magnetic, silicified intermediate to mafic volcanic containing 15% v.f.g. altered plagioclase, 60% silica and quartz eyes, 10% chlorite clusters, 9% disseminate magnetite, 1% quartz+/-pyrite stringers including trace pyrite in blebs
E5125241	Grey-green, f.g., massive, silicified, epidotic, chloritic intermediate volcanic containing 30% v.f.g. altered plagioclase, 30% amorphous silica, 30% epidote, 10% chlorite, trace clustered, fractured, FeOx-rimmed chalcopyrite
E5124711	Grey and multi-coloured, f.g. to m.g., banded and brecciated, quartz-sulphide-epidote-chlorite-sericite-hematite vein containing 50% sulphides including 35% sphalerite, 10% galena, 5% pyrite, trace chalcopyrite

2010to2015 Rock Sample Geochemistry Highlights

Sample #	Easting	Northing	Elevation	Au(ppm)	Ag(ppm)	Bi(ppm)	Ca(%)	Cd(ppm)	Cu(ppm)	Fe(%)	Ga(ppm)	Hg(ppm)	In(ppm)	Mo(ppm)	Pb(ppm)	S (%)	Se(ppm)	Te(ppm)	W(ppm)	Zn(ppm)	Target	Sample Type	Width m	Length m	Au g/t	Ag g/t	Cu %	Pb %	Zn %
E5124262	383692	5409171	399	0.004	<0.5	<1	2.69	1	128	4.75	14		3	<0.5	42	0.104	21	10	<1	270									
E5124760	383599	5409407	412	<0.001	<0.5	<1	3.39	1.2	89.2	6.15	17		7	<0.5	<1	<0.005	34	<10	<1	160									
E5124761	383149	5409409	245	0.002	<0.5	<1	5.39	0.6	35.1	7.06	16		7	<0.5	<1	<0.005	12	<10	<1	61.8									
E5124762	383160	5409458	251	0.002	<0.5	<1	5.08	<0.5	69	5.5	15		1	<0.5	<1	<0.005	11	<10	<1	171									
E5124763	383158	5409571	241	0.002	<0.5	<1	5.81	<0.5	26.1	7.32	17		3	<0.5	<1	<0.005	33	11	<1	132									
E5124764	383135	5409757	273	0.001	<0.5	<1	3.76	<0.5	11.4	7.89	15		3	<0.5	<1	<0.005	24	<10	<1	102									
E5124765	383136	5409815	266	0.002	<0.5	<1	6	<0.5	44.7	7.05	18		9	<0.5	6	<0.005	24	13	<1	131									
E5124766	383149	5409967	280	0.002	<0.5	<1	5.59	0.6	82.8	7.74	18		5	<0.5	<1	0.117	27	<10	<1	120									
E5124767	383325	5410405	360	0.002	<0.5	<1	3.83	<0.5	89.4	6.14	17		4	<0.5	2	0.052	21	<10	<1	129									
E5124768	383158	5410266	365	0.002	<0.5	<1	4.28	<0.5	124	8.06	15		7	<0.5	<1	<0.005	18	16	<1	149									
E5124769	383221	5410424	375	0.002	<0.5	<1	5.33	<0.5	171	7.34	19		6	<0.5	<1	0.124	<10	19	<1	138									
E5124770	383185	5410603	434	0.001	<0.5	<1	3.7	0.5	173	7.16	17		3	<0.5	<1	0.104	11	10	<1	101									
E5124771	383134	5410801	449	0.002	<0.5	<1	4.65	0.5	45.4	4.87	14		4	<0.5	<1	<0.005	<10	<10	<1	119									
E5124772	383186	5411013	517	0.003	<0.5	<1	2.92	<0.5	541	5.14	15		11	<0.5	<1	0.033	20	14	<1	90.7									
E5124773	383589	5411608	552	0.005	<0.5	<1	1.94	<0.5	25.5	5.65	16		1	<0.5	3	0.85	44	<10	<1	107									
E5124774	383994	5411595	618	0.002	<0.5	<1	1.33	<0.5	5.6	4.04	12		4	<0.5	1	<0.005	14	<10	<1	73.1									
E5124775	383963	5411797	588	0.003	<0.5	<1	1.47	<0.5	12	5.87	15		5	<0.5	4	0.251	<10	15	<1	351									
E5124776	383993	5412015	596	0.01	<0.5	<1	1.59	<0.5	2.6	6.29	13		<1	<0.5	<1	<0.005	15	11	<1	88.8									
E5124777	383995	5412196	524	0.004	<0.5	<1	2.17	<0.5	10.8	5.2	15		<1	<0.5	1	<0.005	20	<10	<1	110									
E5125210	384140	5409200	499	0.002	<0.5	<1	1.47	0.8	44.2	5.91	15		5	<0.5	<1	0.099	<10	<10	<1	105									
E5125211	384405	5409193	598	<0.001	<0.5	<1	0.26	<0.5	2	2.77	12		3	<0.5	<1	<0.005	<10	<10	<1	81.9									
E5125212	384356	5409426	682	0.002	<0.5	<1	0.23	<0.5	3.3	2.63	11		3	2.5	2	<0.005	18	<10	<1	66.4									
E5125213	384056	5409409	589	0.001	<0.5	<1	0.36	0.5	9.1	6.34	16		6	<0.5	<1	<0.005	14	<10	<1	183									
E5125214	383622	5409622	414	0.003	<0.5	<1	3.01	0.5	39.8	6.54	17		4	<0.5	<1	1.67	22	<10	<1	168									
E5125215	383980	5409597	635	0.002	<0.5	<1	0.29	<0.5	3.8	2.56	14		3	<0.5	<1	0.299	<10	<10	<1	98.2									
E5125216	384403	5409608	795	0.007	<0.5	<1	5.59	<0.5	55.3	7.07	13		4	<0.5	<1	<0.005	22	11	<1	86									
E5125217	384034	5409823	691	<0.001	<0.5	<1	0.28	<0.5	2.7	2.57	12		2	<0.5	<1	<0.005	25	<10	<1	287									
E5125218	383610	5409742	440	0.002	<0.5	<1	3.89	<0.5	2.4	7.32	17		3	<0.5	2	0.062	25	11	<1	158									
E5125219	383614	5409966	459	0.002	<0.5	<1	2.4	<0.5	40.4	4.65	14		5	<0.5	2	<0.005	22	<10	<1	122									
E5125220	384056	5409979	663	0.053	<0.5	<1	0.25	0.6	23.4	2.34	12		<1	<0.5	14	0.335	<10	<10	<1	139									
E5125221	384060	5410199	542	0.002	<0.5	<1	0.22	<0.5	6	2.39	9		3	<0.5	<1	0.096	14	<10	<1	108									
E5125222	383621	5410213	508	0.002	0.6	<1	3.05	<0.5	61.2	5.11	14		4	<0.5	5	<0.005	<10	<10	<1	258									
E5125223	383601	5410487	380	0.002	<0.5	<1	0.35	<0.5	3.4	2.48	13		7	<0.5	<1	0.227	27	<10	<1	91.4									
E5125224	384067	5410465	594	0.001	<0.5	<1	1.56	<0.5	5.8	4.6	15		4	<0.5	5	0.336	26	<10	<1	198									
E5125225	383921	5410607	587	0.001	<0.5	<1	0.46	<0.5	65.8	6.77	15		4	<0.5	<1	0.018	23	<10	<1	142									
E5125226	383593	5410626	473	0.003	<0.5	<1	2.08	<0.5	91	7.88	17		3	<0.5	<1	4.99	20	<10	<1	38.9									
E5125227	383512	5410893	437	0.002	<0.5	<1	0.1	<0.5	13.9	2.29	17		2	1.4	<1	1.59	25	<10	<1	34.5									
E5125228	383965	5410818	641	0.002	<0.5	<1	1.75	<0.5	6.4	5.25	13		2	<0.5	2	0.297	28	<10	<1	123									
E5125229	384000	5411004	622	0.003	<0.5	<1	0.44	<0.5	7	2.68	11		<1	<0.5	<1	0.005	21	<10	<1	75.3									
E5125230	383606	5410989	465	0.003	<0.5	<1	2.51	0.7	26.2	8.41	15		7	<0.5	<1	0.252	24	11	<1	153									
E5125231	383597	5411205	466	0.004	<0.5	<1	2.48	<0.5	24.4	8.36	15		6	<0.5	<1	0.245	33	13	<1	161									
E5125232	383988	5411198	582	0.002	<0.5	<1	5.08	<0.5	87.5	5.78	16		1	<0.5	<1	0.034	27	<10	<1	71.4									
E5125233	384066	5411403	618	0.003	<0.5	<1	1.9	<0.5	4.2	6.95	17		2	<0.5	<1	<0.005	34	<10	<1	109									
E5125234	383618	5411434	505	0.008	<0.5	<1	3.53	<0.5	2.9	5.24	14		4	<0.5	12	0.189	23	<10	<1	192									
E5125235	383191	5411195	221	0.018	<0.5	<1	4.97	0.6	216	7.87	17		<1	0.8	<1	<0.005	16	16	<1	111									
E5125236	383218	5411449	582	0.005	<0.5	<1	5.21	<0.5	16.3	7.15	16		2	<0.5	<1	<0.005	27	<10	<1	77.8									
E5125237	383597	5411611	548	0.004	<0.5	<1	2.55	<0.5	29.9	6.93	19		5	<0.5	<1	2.5	50	<10	<1	111									
E5125238	383216	5411576	626	0.002	<0.5	<1	4.97	<0.5	5.8	7.78	16		11	<0.5	<1	0.013	12	<10	<1	127									
E5125239	383171	5411807	673	<0.001	<0.5	<1	3.07	0.6	46	6.18	13		1	<0.5	<1	0.037	12	11	<1	126									
E5125240	383569	5411777	627	<0.001	<0.5	<1	6.56	<0.5	68.9	7.69	16		4	<0.5	<1	<0.005	32	<10	<1	133									
E5125241	383621	5411960	652	0.001	<0.5	<1	5.35	0.6	4.3	8.14	18		1	<0.5	<1	0.056	28	11	<1	175									
E5124711	383898	5411662	578	0.128	2.9	30	0.59	1760	3780	8.24	7		9	<0.5	120	>10	<10	74	3	247000	Zincy	select grab	0.25	0.5	0.128	2.9	0.38%	0.01%	24.70%

2015 Lithogeochemistry Trace Elements and Oxides

Sample #	Easting	Northing	Elevation	Weight(kg)	Ag(ppm)	As(ppm)	Ba(ppm)	Ce(ppm)	Co(ppm)	Cr(ppm)	Cs(ppm)	Cu(ppm)	Dy(ppm)	Er(ppm)	Eu(ppm)	Ga(ppm)	Gd(ppm)	Hf(ppm)	Ho(ppm)	La(ppm)	Lu(ppm)
E5124262	383193	5409271	221	2.9	<1	1.4	1010	31.7	19.2	66	0.58	126	3.64	2.51	1.18	15.1	4.48	3	0.81	14.1	0.36
E5124760	383599	5409407	412	0.83	<1	0.7	664	28.4	28.3	44	0.43	94	3.84	2.49	1.36	17.4	4.88	2.5	0.83	13.4	0.35
E5124761	383149	5409409	245	0.86	<1	2.2	310	14.3	22.1	44	1.19	38	2.52	1.6	0.98	15.1	3.21	1.2	0.55	6.2	0.22
E5124762	383160	5409458	251	1.08	<1	<0.5	598	41	19.1	42	0.98	73	3.76	2.42	1.29	15.6	5.24	4.4	0.8	18.3	0.35
E5124763	383158	5409571	241	2.08	<1	1	137	21.1	26.3	43	0.47	28	3.23	2.09	1.27	17	4.12	1.9	0.7	9.8	0.29
E5124764	383135	5409757	273	1.05	<1	1	184	25.6	30.2	37	0.33	18	3.3	2.13	1.17	15.4	4.22	2.2	0.71	11.6	0.3
E5124765	383136	5409815	266	2.1	<1	1.6	629	24.2	30.6	42	0.48	50	3.13	1.99	1.24	17.2	4.14	2	0.68	11.2	0.28
E5124766	383149	5409967	280	1.51	<1	1.2	507	18.3	31.9	33	0.64	85	2.93	1.86	1.26	16.9	3.83	1.3	0.64	8.2	0.25
E5124767	383325	5410405	360	1.14	<1	0.8	227	20.7	18.1	27	1.06	89	3.09	2.05	1.22	16.2	3.89	1.6	0.69	9.1	0.29
E5124768	383158	5410266	365	1.47	<1	0.5	822	17.6	30.3	28	1.17	117	3.01	1.91	1.24	15.8	3.87	1.4	0.65	7.5	0.27
E5124769	383221	5410424	375	1.42	<1	1.7	526	12.6	24.4	46	1.87	165	2.71	1.79	1.02	17.9	3.15	1.2	0.61	5.3	0.26
E5124770	383185	5410603	434	2.01	<1	1	284	12.1	24	45	2.43	171	2.65	1.73	1.02	16.7	3.12	1.1	0.57	5.3	0.23
E5124771	383134	5410801	449	1.14	<1	3.9	905	25	16.2	35	0.19	50	2.94	2.02	1	14.2	3.68	2.7	0.67	11.6	0.31
E5124772	383186	5411013	517	2.04	<1	<0.5	1670	26.7	15.2	31	1.15	487	3.25	2.17	1.2	14.9	4.14	2.6	0.72	12	0.32
E5124773	383589	5411608	552	0.52	<1	5.2	740	21.6	15.4	17	0.86	34	3.17	2.08	1.28	17.5	4.07	1.7	0.71	9.4	0.3
E5124774	383994	5411595	618	0.66	<1	1.1	445	30.7	11.4	72	0.54	9	3.25	2.34	1.28	13.4	3.95	2.9	0.75	14.9	0.39
E5124775	383963	5411797	588	1.19	<1	4.3	347	23	15.2	24	0.38	17	3.53	2.39	1.23	15.1	4.52	2.1	0.79	9.7	0.35
E5124776	383993	5412015	596	0.85	<1	2.5	360	20.6	23.2	28	0.16	10	2.34	1.55	0.94	14.1	3.17	1.7	0.51	9.9	0.24
E5124777	383995	5412196	524	1.36	<1	<0.5	749	19.5	24.1	35	0.71	17	3.04	2.13	0.97	15	3.83	2.1	0.69	8.5	0.33
E5125210	384140	5409200	499	0.71	<1	0.7	905	32.4	21.5	40	0.45	50	3.98	2.62	1.49	16.8	5.16	3.4	0.87	14.9	0.39
E5125211	384405	5409193	598	0.92	<1	0.7	1030	38.1	3.1	62	0.12	6	3.08	2.2	1.28	13.6	4.16	3.5	0.71	17.3	0.38
E5125212	384356	5409426	682	0.85	<1	1.6	851	29.2	2.5	67	0.46	6	2.94	2.01	1.05	12.5	3.7	3.4	0.66	12.5	0.34
E5125213	384056	5409409	589	0.92	<1	<0.5	5100	39.2	17.5	29	1.11	13	3.54	2.45	1.48	17.4	4.45	3.3	0.8	18.2	0.39
E5125214	383622	5409622	414	1.39	<1	3	375	30.1	27.5	46	0.24	48	4.09	2.69	1.38	17.3	5.15	2.7	0.91	13.6	0.39
E5125215	383980	5409597	635	0.66	<1	<0.5	1820	29.9	1.9	51	0.36	7	2.98	2.17	1.34	16.4	3.86	3.6	0.68	12.9	0.38
E5125216	384403	5409608	795	0.6	<1	0.8	255	13.3	34.1	187	0.56	58	2.55	1.69	0.91	13.2	3	1.3	0.56	6	0.24
E5125217	384034	5409823	691	1.16	<1	1.8	513	33.8	2.9	42	0.75	6	2.77	1.98	1.13	13.7	3.68	3.1	0.64	15.4	0.35
E5125218	383610	5409742	440	1.24	<1	<0.5	75.4	27.2	27.7	31	0.08	13	3.68	2.43	1.3	17.1	4.66	2.7	0.81	12.3	0.36
E5125219	383614	5409966	459	0.9	<1	<0.5	513	35	9.9	42	0.25	45	4.02	2.67	1.41	15.1	5.07	3.5	0.89	15.9	0.41
E5125220	384056	5409979	663	0.62	<1	2.3	1770	34.1	4.4	36	0.75	25	2.91	2.02	1.01	13.2	3.93	3	0.65	15.5	0.34
E5125221	384060	5410199	542	0.88	<1	4	1610	21.9	1.9	47	0.45	8	2.32	1.72	0.89	10.1	2.83	2.7	0.54	10.4	0.33
E5125222	383621	5410213	508	1.12	<1	<0.5	829	29.4	17.1	43	0.53	65	3.62	2.32	1.27	15.4	4.58	3	0.78	13.5	0.35
E5125223	383601	5410487	380	0.91	<1	4.5	435	36.7	2	24	0.79	8	3.08	2.29	1.05	15	3.97	3.3	0.71	16.7	0.42
E5125224	384067	5410465	594	0.88	<1	2.4	177	23	10.7	29	0.18	12	2.99	1.99	1.11	16	3.69	2.3	0.64	11.5	0.31
E5125225	383921	5410607	587	0.96	<1	<0.5	521	35.3	16.9	15	0.23	71	4.17	2.78	1.18	17.7	5.18	2.9	0.93	15.3	0.43
E5125226	383593	5410626	473	0.84	<1	2.3	271	9.8	22.7	25	0.69	98	2.27	1.52	0.79	17.6	2.54	1.2	0.51	4.3	0.23
E5125227	383512	5410893	437	0.67	<1	26	545	17.3	7.4	42	2.07	17	1.48	1.28	0.28	17.5	1.65	3.1	0.37	7.9	0.25
E5125228	383965	5410818	641	0.73	<1	<0.5	2770	28.5	15.7	56	0.32	13	3.68	2.46	1.38	14.7	4.51	3	0.82	13.6	0.37
E5125229	384000	5411004	622	1.1	<1	3.6	757	28.6	1.7	50	0.43	10	2.28	1.75	0.81	12.8	2.89	3.1	0.53	13.6	0.34
E5125230	383606	5410989	465	0.95	<1	<0.5	606	18.3	35	27	2.2	34	3.17	2.02	1.2	16.4	4.11	1.2	0.69	7.4	0.29
E5125231	383597	5411205	466	1.37	<1	<0.5	539	17.7	33.2	20	2.03	31	3.01	1.95	1.14	15.9	3.87	1.2	0.66	7.1	0.27
E5125232	383988	5411198	582	0.72	<1	0.9	560	21.2	19.7	39	0.72	91	3.16	2.13	1.17	16.8	3.84	1.9	0.71	8.9	0.32
E5125233	384066	5411403	618	0.61	<1	2.3	440	24.9	24.7	36	0.1	12	3.19	2.1	1.2	16.7	3.92	2	0.7	11.6	0.32
E5125234	383618	5411434	505	0.94	<1	2.8	266	14.8	24.6	54	0.51	13	2.73	1.85	0.91	15.4	3.21	1.2	0.62	6.1	0.28
E5125235	383191	5411195	221	2.05	<1	<0.5	550	20.3	31.6	35	0.66	208	2.93	1.87	1.22	17.4	3.86	1.4	0.63	8.8	0.26
E5125236	383218	5411449	582	1.13	<1	5.8	850	17.7	28.4	31	1.11	31	2.61	1.64	1.13	16	3.49	1	0.56	7.6	0.23
E5125237	383597	5411611	548	1.2	<1	22.8	433	22.7	21.2	16	0.55	37	3.42	2.24	1.31	17.9	4.49	1.7	0.75	9.5	0.32
E5125238	383216	5411576	626	1.27	<1	<0.5	844	18.8	33.2	49	0.82	20	2.77	1.76	1.22	16.6	3.75	1.2	0.6	8.2	0.25
E5125239	383171	5411807	673	1.45	<1	1	947	25.5	19.7	45	0.21	50	4.43	2.98	1.24	15.1	5.32	2.9	0.98	10.7	0.44
E5125240	383569	5411777	627	1.76	<1	<0.5	359	17.6	33.4	47	0.25	79	3.04	1.98	1.11	16.7	3.69	1.4	0.66	7.7	0.28
E5125241	383621	5411960	652	1.39	<1	0.7	507	20.4	26.6	37	0.55	18	3.34	2.23	1.2	16.8	4.08	1.6	0.74	8.8	0.32

2015 Lithoge

Sample #	Mo(ppm)	Nb(ppm)	Nd(ppm)	Ni(ppm)	Pb(ppm	Pr(ppm)	Rb(ppm)	Sm(ppm)	Sn(ppm)	Sr(ppm)	Ta(ppm)	Tb(ppm)	Th(ppm)	Tl(ppm)	Tm(ppm)	U(ppm)	V(ppm)	W(ppm)	Y(ppm)	Yb(ppm)	Zn(ppm)
E5124262	3	5.9	17.8	16	54	4.22	59.2	4.02	1	311	0.4	0.65	4.26	<0.5	0.34	1.81	148	1	23.7	2.33	243
E5124760	<2	4.9	18.8	17	7	4.35	34.5	4.3	<1	374	0.3	0.7	3.51	<0.5	0.33	1.51	214	<1	23.1	2.29	149
E5124761	<2	2.4	10.9	27	2	2.36	34	2.79	<1	315	0.1	0.46	1.29	<0.5	0.21	0.55	284	<1	14.8	1.49	50
E5124762	2	9.9	24.9	16	5	6.03	39	5.23	1	388	0.6	0.72	8.54	<0.5	0.33	3.72	158	1	21.8	2.31	137
E5124763	<2	4.1	15.5	13	6	3.41	37.8	3.76	<1	486	0.3	0.59	2.25	<0.5	0.28	0.99	277	<1	18.5	1.93	110
E5124764	<2	5	17.1	16	4	3.94	16.4	3.98	<1	411	0.3	0.6	3.22	<0.5	0.29	1.19	250	<1	19.1	2	98
E5124765	<2	4.5	16.9	19	16	3.85	36.5	3.93	<1	430	0.3	0.59	2.73	<0.5	0.27	1.2	260	<1	18.2	1.83	117
E5124766	<2	2.7	14.4	21	4	3.08	22.3	3.58	<1	448	0.1	0.54	1.28	<0.5	0.24	0.53	285	<1	16.5	1.65	109
E5124767	<2	3.5	14.4	9	7	3.21	47.4	3.48	<1	354	0.2	0.56	0.88	<0.5	0.28	0.43	167	<1	18.9	1.9	106
E5124768	<2	2.7	14.2	16	5	3	72.2	3.51	<1	332	0.1	0.55	1.01	<0.5	0.26	0.39	241	<1	17.1	1.77	130
E5124769	<2	1.7	10	16	5	2.08	28.2	2.75	<1	546	0.1	0.47	0.79	<0.5	0.24	0.36	274	<1	15.9	1.66	129
E5124770	<2	1.6	9.8	15	3	2.01	46.2	2.63	<1	174	0.1	0.47	0.69	<0.5	0.23	0.28	256	<1	16.2	1.56	95
E5124771	<2	5.2	15.6	10	6	3.75	22.9	3.46	<1	506	0.3	0.53	3.64	<0.5	0.28	1.52	151	<1	18.5	1.95	113
E5124772	<2	5.5	17	9	3	3.99	82.3	3.83	<1	265	0.3	0.59	3.52	<0.5	0.3	1.55	109	<1	19.3	2.08	83
E5124773	<2	3.6	15.3	6	7	3.47	54.9	3.64	<1	295	0.2	0.58	1.07	<0.5	0.29	0.45	183	<1	18.7	1.95	95
E5124774	<2	6	17.3	6	7	4.25	33.1	3.75	1	186	0.4	0.58	3.49	<0.5	0.34	1.67	76	<1	21.2	2.42	69
E5124775	<2	4.5	16.7	7	10	3.69	16.3	4.03	<1	219	0.2	0.66	1.63	<0.5	0.33	0.73	163	1	22	2.24	311
E5124776	<2	4.8	13	7	7	3.02	26.9	2.85	<1	155	0.2	0.44	1.58	<0.5	0.22	0.59	227	<1	13.4	1.51	90
E5124777	<2	4.4	13.7	16	6	3.09	83.5	3.42	<1	164	0.2	0.56	2.02	<0.5	0.3	0.81	198	<1	18.4	2.1	99
E5125210	<2	6.6	20.7	15	6	4.82	80.6	4.7	1	223	0.4	0.74	4.45	<0.5	0.37	2.07	179	1	23.2	2.51	98
E5125211	<2	8.2	20.4	4	5	5.16	55.6	4.02	1	64.2	0.5	0.58	4.17	<0.5	0.33	1.82	34	2	20.2	2.35	72
E5125212	2	7.4	16.5	4	7	4.09	87.2	3.48	3	46.5	0.5	0.54	3.92	<0.5	0.3	1.58	23	3	18.3	2.1	61
E5125213	<2	6.5	20.4	14	5	5.2	169	4.23	1	86.5	0.5	0.64	4.33	0.7	0.35	1.4	173	1	21.7	2.4	156
E5125214	<2	5.5	19.7	20	12	4.54	27.9	4.47	1	319	0.4	0.74	3.28	<0.5	0.37	1.33	201	<1	25	2.54	165
E5125215	<2	7.1	17.1	4	6	4.25	86.4	3.68	1	133	0.5	0.55	6.26	<0.5	0.32	2.93	21	1	18.5	2.29	85
E5125216	<2	2.4	10	50	2	2.15	20	2.57	<1	272	0.1	0.44	0.99	<0.5	0.23	0.42	219	<1	14.8	1.57	80
E5125217	<2	6.1	17.8	3	4	4.6	59.3	3.51	1	51.8	0.5	0.53	5.39	<0.5	0.3	1.39	17	<1	17.8	2.11	221
E5125218	<2	5.2	17.8	10	8	4.12	10.4	4.22	<1	343	0.3	0.67	3.56	<0.5	0.33	1.59	206	8	21.2	2.31	146
E5125219	<2	6.5	21.2	5	6	5.03	42.7	4.7	1	203	0.5	0.74	5.18	<0.5	0.37	2.22	87	1	23.4	2.62	106
E5125220	<2	6	18.3	3	21	4.62	93	3.67	1	67.6	0.5	0.56	5.38	<0.5	0.3	2.28	20	2	19.5	2.12	115
E5125221	<2	5.4	12.4	4	5	3.1	65.1	2.63	<1	60.2	0.4	0.41	4.84	<0.5	0.26	1.86	13	1	15.9	1.94	83
E5125222	<2	5.6	17.8	11	16	4.18	53.2	4.08	1	315	0.4	0.65	3.91	<0.5	0.32	1.69	154	1	22.7	2.25	227
E5125223	<2	6.5	18.7	2	3	4.75	75.8	3.93	1	67	0.5	0.57	5.86	<0.5	0.34	1.82	18	<1	20.2	2.51	73
E5125224	<2	4.4	14.9	10	10	3.4	11.2	3.47	<1	166	0.3	0.54	2.77	<0.5	0.28	1.54	134	<1	18.2	1.97	189
E5125225	<2	5.6	21.8	5	2	5.17	73.2	4.87	1	93.5	0.4	0.77	3.86	<0.5	0.38	1.76	149	<1	24	2.65	133
E5125226	<2	1.5	7.7	6	3	1.55	35.1	2.18	1	296	<0.1	0.39	0.7	<0.5	0.21	0.3	266	<1	13.5	1.47	36
E5125227	4	5.5	8.1	5	8	2.05	124	1.55	1	11.9	0.4	0.25	3.2	<0.5	0.19	1.63	174	<1	11.2	1.43	30
E5125228	<2	5.5	16.7	13	9	3.9	125	3.98	<1	212	0.4	0.67	3.79	<0.5	0.33	1.57	140	1	23.4	2.34	112
E5125229	<2	6.1	14	2	4	3.56	38.1	2.77	1	95.6	0.4	0.41	5.4	<0.5	0.26	1.88	14	1	16.1	1.96	62
E5125230	<2	2.5	14.1	20	4	2.85	37.2	3.66	<1	330	0.1	0.58	0.95	<0.5	0.28	0.3	292	<1	19	1.87	156
E5125231	<2	2.4	13.5	17	3	2.77	34.6	3.47	<1	313	0.1	0.55	0.89	<0.5	0.26	0.28	281	<1	18	1.79	151
E5125232	<2	3	14.1	8	7	3.08	37.7	3.37	<1	423	0.2	0.57	1.4	<0.5	0.29	0.6	156	<1	19.1	2.04	64
E5125233	<2	5.2	15.2	10	4	3.43	14.2	3.56	<1	243	0.3	0.57	1.91	<0.5	0.29	0.63	230	<1	19.3	2	109
E5125234	<2	2.4	10.5	9	24	2.19	57.2	2.69	<1	331	0.1	0.46	0.57	<0.5	0.26	0.24	203	<1	17.8	1.75	175
E5125235	<2	2.8	14.1	24	3	2.98	25.7	3.5	<1	581	0.2	0.54	1.21	<0.5	0.25	0.52	262	<1	17.3	1.7	107
E5125236	<2	2.3	12.5	16	3	2.59	58.6	3.11	<1	565	0.1	0.49	0.99	<0.5	0.22	0.18	193	<1	15.4	1.49	82
E5125237	<2	3.3	15.5	12	9	3.19	52.7	3.87	2	334	0.2	0.62	1	<0.5	0.3	0.43	194	<1	21.4	2.04	113
E5125238	<2	2.4	13.7	28	4	2.83	30.6	3.4	<1	545	0.1	0.53	1.23	<0.5	0.23	0.51	258	<1	16.2	1.59	122
E5125239	2	5.4	18	16	4	3.89	22.5	4.55	1	278	0.3	0.78	2.22	<0.5	0.41	0.9	155	1	26.3	2.88	113
E5125240	<2	2.5	12.3	28	6	2.61	14.7	3.19	<1	404	0.1	0.54	1.13	<0.5	0.27	0.51	247	<1	18	1.85	122
E5125241	<2	2.9	14	9	10	2.94	28.8	3.57	<1	497	0.2	0.61	0.88	<0.5	0.3	0.34	243	<1	20.6	2.04	163

2015 Lithoge																			For WaF Plots		Rock Type
Sample #	Zr(ppm)	Al2O3(%)	BaO(%)	CaO(%)	Cr2O3(%)	Fe2O3(%)	K2O(%)	MgO(%)	MnO(%)	Na2O(%)	P2O5(%)	SiO2(%)	TiO2(%)	SrO(%)	V2O5(%)	LOI(%)	Total(%)	Nb/Y	Zr/Ti	(Metcalfe)
E5124262	115	16.4	0.12	3.61	<0.01	6.96	3.2	3.62	0.23	2.3	0.21	58.8	0.73	0.03	0.03	3.01	99.2	0.249	157.5	Andesite
E5124760	91	17.9	0.08	4.42	<0.01	8.89	1.86	3.31	0.17	2.9	0.24	54.8	0.88	0.04	0.04	4.09	99.6	0.212	103.4	Basaltic Andesite
E5124761	42	18.3	0.04	6.9	<0.01	9.67	1.64	6.11	0.16	2.84	0.18	47.8	0.86	0.04	0.06	4.95	99.5	0.162	48.8	Basalt
E5124762	166	16.6	0.07	6.66	<0.01	7.71	1.69	3.46	0.23	2.88	0.33	53.2	0.91	0.04	0.03	5.41	99.2	0.454	182.4	Andesite
E5124763	67	18	0.02	7.99	<0.01	10.6	1.28	4.7	0.28	1.78	0.23	49.4	1.03	0.06	0.06	5.14	101	0.222	65.0	Basaltic Andesite
E5124764	81	17.5	0.03	4.78	<0.01	11.3	0.66	4.48	0.18	3.89	0.27	51.5	0.96	0.04	0.05	3.62	99.2	0.262	84.4	Basaltic Andesite
E5124765	72	17.9	0.07	8.08	<0.01	9.96	2.11	5.23	0.18	2.83	0.25	50.4	0.98	0.04	0.05	2.1	100	0.247	73.5	Basaltic Andesite
E5124766	44	19.1	0.07	7.42	<0.01	11.1	1.47	6.29	0.19	2.18	0.28	47	1.07	0.05	0.05	3.52	99.7	0.164	41.1	Basalt
E5124767	59	19.3	0.03	4.79	<0.01	8.51	2.02	3.3	0.18	3.94	0.24	51.2	0.9	0.05	0.03	4.93	99.4	0.185	65.6	Basaltic Andesite
E5124768	47	18.8	0.1	5.27	<0.01	11.1	2.87	4.83	0.23	2.23	0.25	47.7	1.04	0.03	0.04	5.25	99.7	0.158	45.2	Basalt
E5124769	41	20.1	0.06	7	<0.01	10.3	1.46	4.55	0.27	2.39	0.15	48.6	1.02	0.07	0.05	3.87	99.8	0.107	40.2	Basalt
E5124770	36	19.3	0.03	4.65	<0.01	10	1.71	3.84	0.22	4.39	0.18	48	1	0.02	0.04	5.65	99	0.099	36.0	Basalt
E5124771	99	15.8	0.11	5.81	<0.01	6.77	1.61	2.91	0.19	3.6	0.19	58.7	0.71	0.05	0.03	3.39	99.8	0.281	139.4	Andesite
E5124772	96	18.3	0.21	3.7	<0.01	7.1	3.52	2.65	0.16	3.48	0.22	55.3	0.7	0.03	0.02	4.08	99.5	0.285	137.1	Andesite
E5124773	60	19.9	0.09	2.55	<0.01	8.12	2.08	2.6	0.13	4.51	0.26	54.3	0.9	0.02	0.03	3.94	99.4	0.193	66.7	Basaltic Andesite
E5124774	108	16.7	0.05	1.66	<0.01	5.54	1.7	2.3	0.17	5.46	0.22	62.8	0.59	0.02	0.02	2.29	99.5	0.283	183.1	Andesite
E5124775	76	16.4	0.05	1.87	<0.01	8.12	1.03	6.01	0.37	3.97	0.32	55.4	0.94	0.02	0.03	4.48	99	0.205	80.9	Basaltic Andesite
E5124776	61	17.7	0.04	2.09	<0.01	9.74	1.76	4.33	0.16	6.54	0.26	52.1	0.91	0.02	0.04	3.53	99.2	0.358	67.0	Basalt
E5124777	78	18.5	0.1	2.77	<0.01	7.21	4.14	4.36	0.22	4.26	0.21	52.2	0.89	0.01	0.04	4.52	99.4	0.239	87.6	Basaltic Andesite
E5125210	122	18.4	0.11	1.86	<0.01	8.14	2.65	3.16	0.18	3.24	0.25	57	0.87	0.02	0.03	3.8	99.7	0.284	140.2	Andesite
E5125211	134	14.6	0.11	0.33	<0.01	3.74	3.31	2.69	0.07	4.54	0.14	67.7	0.49	<0.01	<0.01	2.03	99.8	0.406	273.5	Dacite/Rhyodacite
E5125212	126	13.2	0.1	0.29	<0.01	3.41	4.99	1.14	0.08	2.74	0.13	71	0.46	<0.01	<0.01	1.75	99.3	0.404	273.9	Dacite/Rhyodacite
E5125213	122	19.2	0.63	0.46	<0.01	8.78	10	4.67	0.29	0.32	0.24	50.8	0.92	<0.01	0.03	3.45	99.8	0.300	132.6	Basaltic Andesite
E5125214	98	18.1	0.04	3.87	<0.01	9.2	1.26	4.88	0.22	3.18	0.24	51.9	0.93	0.03	0.04	4.64	98.5	0.220	105.4	Basaltic Andesite
E5125215	132	15.2	0.2	0.33	<0.01	3.18	3.6	1.58	0.09	4.37	0.14	68.1	0.37	<0.01	<0.01	2.12	99.3	0.384	356.8	Dacite/Rhyodacite
E5125216	43	15	0.02	7.27	0.03	10	1.04	5.92	0.23	2.73	0.15	50.4	0.74	0.03	0.04	5.49	99.1	0.162	58.1	Basaltic Andesite
E5125217	112	14.9	0.07	0.3	<0.01	3.24	2.06	2.65	0.13	4.03	0.12	69.1	0.34	<0.01	<0.01	2.47	99.4	0.343	329.4	Dacite/Rhyodacite
E5125218	96	18.5	<0.01	5	<0.01	10.4	0.41	5.12	0.24	4.16	0.25	50.6	0.98	0.03	0.04	3.75	99.4	0.245	98.0	Basaltic Andesite
E5125219	123	15.2	0.06	2.78	<0.01	5.95	1.68	3.34	0.25	2.31	0.2	63.4	0.64	0.02	0.02	3.23	99.1	0.278	192.2	Andesite
E5125220	112	14.6	0.22	0.33	<0.01	2.99	4.91	1.22	0.12	2.62	0.13	70.3	0.34	<0.01	<0.01	2.29	100	0.308	329.4	Dacite/Rhyodacite
E5125221	103	13.8	0.2	0.28	<0.01	3.05	3.34	2.28	0.1	2.98	0.12	71	0.31	<0.01	<0.01	2.33	99.8	0.340	332.3	Dacite/Rhyodacite
E5125222	110	16.9	0.1	3.88	<0.01	7.23	3.11	4.28	0.42	2.05	0.18	56.5	0.76	0.03	0.03	3.95	99.4	0.247	144.7	Andesite
E5125223	124	16.3	0.05	0.44	<0.01	3.17	3.07	2.59	0.11	3.13	0.2	67.2	0.38	<0.01	<0.01	3.22	99.9	0.322	326.3	Dacite/Rhyodacite
E5125224	84	17.6	0.02	2.06	<0.01	6.63	0.68	5.75	0.23	5.02	0.17	56.6	0.72	0.01	0.02	4.08	99.6	0.242	116.7	Basaltic Andesite
E5125225	104	21	0.05	0.62	<0.01	9.43	2.82	2.98	0.15	3.69	0.27	53.5	0.91	<0.01	0.03	4.18	99.6	0.233	114.3	Basaltic Andesite
E5125226	37	18.9	0.02	2.66	<0.01	11	1.65	3.81	0.02	4.52	0.12	48.4	0.95	0.03	0.05	7.09	99.2	0.111	38.9	Basalt
E5125227	114	16.9	0.06	0.12	<0.01	2.92	4.98	0.85	0.01	0.06	0.07	67.9	0.74	<0.01	0.03	4.94	99.6	0.491	154.1	Andesite
E5125228	109	16.2	0.32	2.24	<0.01	7.34	7.38	4.19	0.28	0.15	0.18	56.4	0.74	0.02	0.03	3.46	98.9	0.235	147.3	Andesite
E5125229	118	15	0.08	0.55	<0.01	3.55	2.19	2.7	0.15	4.35	0.12	68.5	0.34	<0.01	<0.01	2.41	99.9	0.379	347.1	Dacite/Rhyodacite
E5125230	40	18.4	0.08	3.21	<0.01	11.9	1.48	5.97	0.3	3.61	0.31	48.7	1.09	0.04	0.06	4.97	100	0.132	36.7	Basalt
E5125231	38	18.1	0.06	3.2	<0.01	11.9	1.43	5.91	0.3	3.61	0.31	48.1	1.09	0.04	0.06	5	99.1	0.133	34.9	Basalt
E5125232	62	18.9	0.07	6.71	<0.01	8.19	1.96	3.34	0.11	3.84	0.22	53.3	0.87	0.04	0.04	2.49	100	0.157	71.3	Basaltic Andesite
E5125233	74	18	0.05	2.42	<0.01	9.82	1.17	5.69	0.18	6.18	0.24	51.6	0.95	0.02	0.04	3.54	99.9	0.269	77.9	Basaltic Andesite
E5125234	41	15.7	0.02	4.37	<0.01	7.21	1.9	3.04	0.3	2.24	0.29	59.7	0.84	0.04	0.04	3.43	99.1	0.135	48.8	Basalt
E5125235	47	18.7	0.07	6.6	<0.01	11	1.29	5.39	0.21	3.74	0.3	47	1.04	0.06	0.05	3.49	98.9	0.162	45.2	Basalt
E5125236	33	16.9	0.1	6.93	<0.01	11.8	2.78	4.72	0.17	3.97	0.27	46.9	0.96	0.06	0.04	4	99.6	0.149	34.4	Basalt
E5125237	59	20.7	0.04	3.14	<0.01	9.28	1.94	2.69	0.13	5.33	0.29	50.2	1.06	0.04	0.04	4.44	99.3	0.154	55.7	Basaltic Andesite
E5125238	39	17.7	0.1	6.7	<0.01	11.1	1.61	6.19	0.22	3.77	0.37	45.3	0.95	0.06	0.05	5.44	99.5	0.148	41.1	Basalt
E5125239	97	17.5	0.11	3.8	<0.01	8.32	1.58	3.82	0.23	6.14	0.25	52.4	0.86	0.03	0.03	4.13	99.2	0.205	112.8	Basaltic Andesite
E5125240	49	17.8	0.05	8.86	<0.01	11	0.92	5.97	0.2	2.42	0.24	48.3	0.98	0.04	0.05	2.44	99.2	0.139	50.0	Basalt
E5125241	55	17.6	0.06	6.95	<0.01	11.1	1.21	4.03	0.28	1.77	0.25	51.8	1.06	0.05	0.05	3.89	100	0.141	51.9	Basalt

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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
6552 PEREGRINE ROAD
NANAIMO, BC V9V1P8
(250) 390-3930

ATTENTION TO: JACQUES HOULE

PROJECT:

AGAT WORK ORDER: 15Y998552

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Aug 12, 2015

PAGES (INCLUDING COVER): 31

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.

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5124262 (6766453)	2.90	<0.5	8.91	<1	1130	0.7	<1	2.69	1.0	34	15.3	62.9	128	4.75
E5124760 (6766454)	0.83	<0.5	10.0	<1	731	0.7	<1	3.39	1.2	32	22.2	38.0	89.2	6.15
E5124761 (6766455)	0.86	<0.5	10.6	<1	380	<0.5	<1	5.39	0.6	18	19.2	45.4	35.1	7.06
E5124762 (6766456)	1.08	<0.5	9.58	<1	703	0.9	<1	5.08	<0.5	48	14.3	45.2	69.0	5.50
E5124763 (6766457)	2.08	<0.5	10.0	<1	169	<0.5	<1	5.81	<0.5	26	22.7	32.7	26.1	7.32
E5124764 (6766458)	1.05	<0.5	9.99	<1	217	0.5	<1	3.76	<0.5	30	26.8	31.1	11.4	7.89
E5124765 (6766459)	2.10	<0.5	10.3	<1	711	<0.5	<1	6.00	<0.5	29	25.4	31.5	44.7	7.05
E5124766 (6766460)	1.51	<0.5	11.0	<1	583	<0.5	<1	5.59	0.6	23	27.0	26.9	82.8	7.74
E5124767 (6766461)	1.14	<0.5	11.2	<1	277	0.5	<1	3.83	<0.5	26	16.1	19.2	89.4	6.14
E5124768 (6766462)	1.47	<0.5	11.2	<1	927	<0.5	<1	4.28	<0.5	22	24.8	22.1	124	8.06
E5124769 (6766463)	1.42	<0.5	11.8	<1	620	<0.5	<1	5.33	<0.5	17	17.8	22.2	171	7.34
E5124770 (6766464)	2.01	<0.5	11.2	<1	325	<0.5	<1	3.70	0.5	16	19.9	25.6	173	7.16
E5124771 (6766465)	1.14	<0.5	9.10	<1	1020	0.6	<1	4.65	0.5	31	11.6	30.1	45.4	4.87
E5124772 (6766466)	2.04	<0.5	9.80	<1	1960	0.5	<1	2.92	<0.5	31	9.5	22.2	541	5.14
E5124773 (6766467)	0.52	<0.5	11.0	<1	560	<0.5	<1	1.94	<0.5	26	11.2	15.1	25.5	5.65
E5124774 (6766468)	0.66	<0.5	9.77	2	530	0.6	<1	1.33	<0.5	35	8.1	79.5	5.6	4.04
E5124775 (6766469)	1.19	<0.5	9.41	3	405	0.6	<1	1.47	<0.5	29	12.8	13.2	12.0	5.87
E5124776 (6766470)	0.85	<0.5	9.78	<1	409	<0.5	<1	1.59	<0.5	25	18.5	24.2	2.6	6.29
E5124777 (6766471)	1.36	<0.5	10.7	<1	880	<0.5	<1	2.17	<0.5	24	18.7	30.5	10.8	5.20
E5125210 (6766472)	0.71	<0.5	10.7	<1	987	0.8	<1	1.47	0.8	37	15.7	33.2	44.2	5.91
E5125211 (6766473)	0.92	<0.5	8.41	<1	1140	0.6	<1	0.26	<0.5	43	<0.5	58.4	2.0	2.77
E5125212 (6766474)	0.85	<0.5	7.58	9	996	1.0	<1	0.23	<0.5	34	<0.5	63.5	3.3	2.63
E5125213 (6766475)	0.92	<0.5	10.9	<1	6000	<0.5	<1	0.36	0.5	44	1.9	25.1	9.1	6.34
E5125214 (6766476)	1.39	<0.5	10.3	<1	253	0.7	<1	3.01	0.5	34	23.7	45.9	39.8	6.54
E5125215 (6766477)	0.66	<0.5	8.85	<1	1440	1.0	<1	0.29	<0.5	32	<0.5	43.3	3.8	2.56
E5125216 (6766478)	0.60	<0.5	8.49	<1	288	<0.5	<1	5.59	<0.5	17	32.2	193	55.3	7.07
E5125217 (6766479)	1.16	<0.5	8.61	<1	593	0.9	<1	0.28	<0.5	38	0.9	36.0	2.7	2.57
E5125218 (6766480)	1.24	<0.5	10.4	<1	84	0.5	<1	3.89	<0.5	32	24.2	31.0	2.4	7.32
E5125219 (6766481)	0.90	<0.5	9.29	<1	596	0.7	<1	2.40	<0.5	42	6.7	34.6	40.4	4.65
E5125220 (6766482)	0.62	<0.5	8.23	<1	1200	1.1	<1	0.25	0.6	39	1.3	30.2	23.4	2.34
E5125221 (6766483)	0.88	<0.5	7.76	9	1930	0.8	<1	0.22	<0.5	26	<0.5	48.9	6.0	2.39

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

Certificate of Analysis

AGAT WORK ORDER: 15Y998552

PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.01	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5125222 (6766484)	1.12	0.6	9.47	<1	924	0.6	<1	3.05	<0.5	34	13.5	43.2	61.2	5.11
E5125223 (6766485)	0.91	<0.5	9.27	<1	518	0.8	<1	0.35	<0.5	41	0.8	17.4	3.4	2.48
E5125224 (6766486)	0.88	<0.5	9.70	<1	190	0.7	<1	1.56	<0.5	27	8.5	22.0	5.8	4.60
E5125225 (6766487)	0.96	<0.5	11.6	<1	555	<0.5	<1	0.46	<0.5	39	13.4	9.9	65.8	6.77
E5125226 (6766488)	0.84	<0.5	10.6	3	141	<0.5	<1	2.08	<0.5	12	20.8	21.2	91.0	7.88
E5125227 (6766489)	0.67	<0.5	9.64	19	401	<0.5	<1	0.10	<0.5	22	6.0	41.7	13.9	2.29
E5125228 (6766490)	0.73	<0.5	9.12	<1	1460	<0.5	<1	1.75	<0.5	32	10.7	49.2	6.4	5.25
E5125229 (6766491)	1.10	<0.5	8.44	<1	833	1.0	<1	0.44	<0.5	31	<0.5	45.0	7.0	2.68
E5125230 (6766492)	0.95	<0.5	10.4	<1	635	0.5	<1	2.51	0.7	22	30.6	18.6	26.2	8.41
E5125231 (6766493)	1.37	<0.5	10.3	<1	588	0.6	<1	2.48	<0.5	21	32.0	18.1	24.4	8.36
E5125232 (6766494)	0.72	<0.5	10.8	<1	629	<0.5	<1	5.08	<0.5	25	15.8	34.0	87.5	5.78
E5125233 (6766495)	0.61	<0.5	10.4	<1	475	<0.5	<1	1.90	<0.5	30	21.5	31.4	4.2	6.95
E5125234 (6766496)	0.94	<0.5	9.03	<1	284	<0.5	<1	3.53	<0.5	18	21.5	49.0	2.9	5.24
E5125235 (6766497)	2.05	<0.5	10.9	<1	582	<0.5	<1	4.97	0.6	24	29.0	29.4	216	7.87
E5125236 (6766498)	1.13	<0.5	9.52	3	895	<0.5	<1	5.21	<0.5	21	24.0	28.2	16.3	7.15
E5125237 (6766499)	1.20	<0.5	12.1	<1	203	0.6	<1	2.55	<0.5	27	20.1	14.0	29.9	6.93
E5125238 (6766500)	1.27	<0.5	10.0	<1	881	<0.5	<1	4.97	<0.5	23	31.1	44.3	5.8	7.78
E5125239 (6766501)	1.45	<0.5	10.3	<1	1030	0.5	<1	3.07	0.6	31	16.4	34.6	46.0	6.18
E5125240 (6766502)	1.76	<0.5	10.1	<1	370	<0.5	<1	6.56	<0.5	21	29.5	39.6	68.9	7.69
E5125241 (6766503)	1.39	<0.5	10.4	<1	541	<0.5	<1	5.35	0.6	24	26.8	36.7	4.3	8.14
E5124711 (6766504)	0.52	2.9	1.20	<1	50	<0.5	30	0.59	1760	2	5.7	50.8	3780	8.24

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

Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S
Unit:	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	5	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.005
E5124262 (6766453)	14	3	2.55	17	4	2.19	1780	<0.5	1.74	14.1	940	42	120	0.104
E5124760 (6766454)	17	7	1.60	16	9	2.01	1370	<0.5	2.22	17.6	1080	<1	73	<0.005
E5124761 (6766455)	16	7	1.53	7	5	3.79	1350	<0.5	2.25	24.3	922	<1	77	<0.005
E5124762 (6766456)	15	1	0.95	23	5	2.13	1830	<0.5	2.20	16.0	1490	<1	51	<0.005
E5124763 (6766457)	17	3	1.11	11	7	2.85	2190	<0.5	1.34	8.4	988	<1	78	<0.005
E5124764 (6766458)	15	3	0.59	14	8	2.80	1450	<0.5	2.91	12.9	1180	<1	34	<0.005
E5124765 (6766459)	18	9	1.87	13	7	3.30	1460	<0.5	2.16	14.0	1090	6	84	<0.005
E5124766 (6766460)	18	5	1.30	10	8	3.73	1510	<0.5	1.71	20.4	1170	<1	48	0.117
E5124767 (6766461)	17	4	1.79	11	6	2.06	1500	<0.5	2.99	5.8	1100	2	110	0.052
E5124768 (6766462)	15	7	1.40	9	7	3.09	1880	<0.5	1.83	16.9	1090	<1	80	<0.005
E5124769 (6766463)	19	6	0.96	6	13	2.88	2180	<0.5	1.87	6.8	650	<1	43	0.124
E5124770 (6766464)	17	3	1.14	6	8	2.37	1730	<0.5	3.30	8.2	830	<1	76	0.104
E5124771 (6766465)	14	4	0.98	14	8	1.73	1460	<0.5	2.71	9.6	894	<1	34	<0.005
E5124772 (6766466)	15	11	3.26	14	3	1.62	1290	<0.5	2.70	5.1	1030	<1	196	0.033
E5124773 (6766467)	16	1	1.68	11	6	1.49	894	<0.5	3.22	5.1	1100	3	108	0.850
E5124774 (6766468)	12	4	1.36	19	5	1.42	1280	<0.5	4.18	5.8	1030	1	61	<0.005
E5124775 (6766469)	15	5	0.85	12	11	3.69	2810	<0.5	3.01	1.5	1450	4	32	0.251
E5124776 (6766470)	13	<1	1.09	12	6	2.63	1280	<0.5	4.66	7.7	1100	<1	44	<0.005
E5124777 (6766471)	15	<1	3.31	11	10	2.83	1740	<0.5	3.36	13.4	1030	1	173	<0.005
E5125210 (6766472)	15	5	1.78	18	5	1.96	1410	<0.5	2.45	13.2	1130	<1	121	0.099
E5125211 (6766473)	12	3	1.19	22	6	1.64	480	<0.5	3.41	2.4	674	<1	41	<0.005
E5125212 (6766474)	11	3	1.83	16	5	0.71	602	2.5	2.11	2.3	566	2	66	<0.005
E5125213 (6766475)	16	6	8.72	22	7	3.03	2290	<0.5	0.28	14.5	1030	<1	447	<0.005
E5125214 (6766476)	17	4	1.12	17	15	3.04	1760	<0.5	2.37	19.6	1060	<1	59	1.67
E5125215 (6766477)	14	3	2.45	15	3	1.04	711	<0.5	3.35	1.9	671	<1	122	0.299
E5125216 (6766478)	13	4	0.91	8	8	3.54	1750	<0.5	2.11	53.4	681	<1	43	<0.005
E5125217 (6766479)	12	2	1.55	20	6	1.72	1000	<0.5	2.99	1.2	570	<1	96	<0.005
E5125218 (6766480)	17	3	0.37	15	9	3.12	1830	<0.5	3.11	9.3	1160	2	22	0.062
E5125219 (6766481)	14	5	0.81	21	7	2.19	2080	<0.5	1.86	3.5	974	2	43	<0.005
E5125220 (6766482)	12	<1	3.58	20	2	0.75	882	<0.5	1.98	1.1	621	14	168	0.335
E5125221 (6766483)	9	3	2.59	13	4	1.45	775	<0.5	2.23	2.6	539	<1	126	0.096
E5125222 (6766484)	14	4	1.06	17	9	2.64	3160	<0.5	1.49	11.9	851	5	41	<0.005

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AGAT Laboratories

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

Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S
Unit:	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	5	1	0.01	2	1	0.01	1	0.5	0.01	0.5	10	1	10	0.005
E5125223 (6766485)	13	7	2.32	22	4	1.63	833	<0.5	2.40	3.7	963	<1	136	0.227
E5125224 (6766486)	15	4	0.60	14	13	3.37	1710	<0.5	3.59	9.8	792	5	24	0.336
E5125225 (6766487)	15	4	1.08	19	4	1.82	1150	<0.5	2.73	4.5	1330	<1	59	0.018
E5125226 (6766488)	17	3	1.21	5	6	2.32	238	<0.5	3.28	6.3	523	<1	63	4.99
E5125227 (6766489)	17	2	3.23	10	2	0.51	111	1.4	0.07	4.2	343	<1	190	1.59
E5125228 (6766490)	13	2	6.03	15	6	2.58	2130	<0.5	0.15	11.5	842	2	283	0.297
E5125229 (6766491)	11	<1	0.95	16	6	1.67	1140	<0.5	3.28	1.6	580	<1	35	0.005
E5125230 (6766492)	15	7	1.08	9	7	3.59	2310	<0.5	2.74	18.5	1440	<1	65	0.252
E5125231 (6766493)	15	6	1.08	8	9	3.55	2290	<0.5	2.65	20.7	1390	<1	67	0.245
E5125232 (6766494)	16	1	1.38	11	4	2.11	882	<0.5	2.90	7.1	1100	<1	67	0.034
E5125233 (6766495)	17	2	1.01	14	9	3.46	1430	<0.5	4.66	8.1	1080	<1	29	<0.005
E5125234 (6766496)	14	4	1.27	7	5	1.88	2340	<0.5	1.75	7.9	1370	12	87	0.189
E5125235 (6766497)	17	<1	0.69	11	7	3.24	1600	0.8	2.81	24.4	1370	<1	34	<0.005
E5125236 (6766498)	16	2	1.06	9	8	2.89	1300	<0.5	2.99	17.1	1330	<1	54	<0.005
E5125237 (6766499)	19	5	1.66	11	7	1.70	1060	<0.5	4.07	8.5	1360	<1	114	2.50
E5125238 (6766500)	16	11	0.93	10	6	3.66	1690	<0.5	2.83	25.1	1620	<1	44	0.013
E5125239 (6766501)	13	1	1.06	13	8	2.47	1820	<0.5	4.67	12.1	1220	<1	35	0.037
E5125240 (6766502)	16	4	0.73	9	5	3.53	1550	<0.5	1.84	24.9	1110	<1	29	<0.005
E5125241 (6766503)	18	1	0.74	11	6	2.58	2300	<0.5	1.39	10.5	1180	<1	43	0.056
E5124711 (6766504)	7	9	<0.01	7	3	0.40	1090	<0.5	0.02	2.2	13	120	<10	>10

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CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1
E5124262 (6766453)	3	18	21	<5	308	<10	10	<5	0.38	<5	<5	147	<1	25
E5124760 (6766454)	7	24	34	<5	374	<10	<10	<5	0.53	<5	<5	213	<1	25
E5124761 (6766455)	4	34	12	<5	351	<10	<10	<5	0.54	<5	<5	304	<1	16
E5124762 (6766456)	<1	19	11	<5	411	<10	<10	<5	0.51	<5	<5	159	<1	22
E5124763 (6766457)	5	29	33	<5	513	<10	11	<5	0.56	<5	<5	283	<1	19
E5124764 (6766458)	3	27	24	<5	425	<10	<10	<5	0.58	<5	<5	261	<1	20
E5124765 (6766459)	9	29	24	<5	454	<10	13	<5	0.58	<5	<5	271	<1	19
E5124766 (6766460)	3	27	27	<5	488	<10	<10	<5	0.61	<5	<5	299	<1	18
E5124767 (6766461)	5	21	21	<5	385	<10	<10	<5	0.49	<5	<5	177	<1	20
E5124768 (6766462)	6	26	18	<5	358	<10	16	<5	0.65	<5	<5	253	<1	18
E5124769 (6766463)	2	31	<10	<5	573	<10	19	<5	0.63	14	<5	282	<1	16
E5124770 (6766464)	5	28	11	<5	196	<10	10	<5	0.60	<5	<5	263	<1	17
E5124771 (6766465)	<1	17	<10	<5	569	<10	<10	<5	0.43	<5	<5	158	<1	19
E5124772 (6766466)	6	14	20	<5	283	<10	14	<5	0.34	<5	<5	104	<1	18
E5124773 (6766467)	5	21	44	<5	289	<10	<10	<5	0.52	5	<5	183	<1	18
E5124774 (6766468)	4	12	14	<5	204	<10	<10	<5	0.35	<5	<5	70.5	<1	20
E5124775 (6766469)	5	22	<10	<5	236	<10	15	<5	0.51	<5	<5	173	<1	22
E5124776 (6766470)	5	25	15	<5	163	<10	11	<5	0.52	<5	<5	222	<1	13
E5124777 (6766471)	4	26	20	<5	181	<10	<10	<5	0.52	<5	<5	210	<1	18
E5125210 (6766472)	3	22	<10	<5	217	<10	<10	<5	0.53	<5	<5	173	<1	23
E5125211 (6766473)	4	8	<10	<5	67	<10	<10	<5	0.28	<5	<5	20.2	<1	19
E5125212 (6766474)	<1	7	18	<5	49	<10	<10	<5	0.24	<5	<5	11.1	<1	17
E5125213 (6766475)	4	23	14	<5	99	<10	<10	<5	0.54	<5	<5	183	<1	21
E5125214 (6766476)	4	24	22	<5	315	<10	<10	<5	0.57	<5	<5	206	<1	25
E5125215 (6766477)	6	5	<10	<5	130	<10	<10	<5	0.22	<5	<5	11.0	<1	17
E5125216 (6766478)	6	33	22	<5	287	<10	11	<5	0.44	<5	<5	241	<1	15
E5125217 (6766479)	2	4	25	<5	58	<10	<10	<5	0.15	<5	<5	6.4	<1	16
E5125218 (6766480)	7	26	25	<5	346	<10	11	<5	0.59	<5	<5	214	<1	22
E5125219 (6766481)	9	15	22	<5	208	<10	<10	<5	0.41	<5	<5	85.6	<1	25
E5125220 (6766482)	12	4	<10	<5	74	<10	<10	<5	0.21	6	<5	10.6	<1	20
E5125221 (6766483)	3	4	14	<5	68	<10	<10	<5	0.19	<5	<5	4.2	<1	16
E5125222 (6766484)	5	19	<10	<5	321	<10	<10	<5	0.39	<5	<5	161	<1	22

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	1	10	5	1	10	10	5	0.01	5	5	0.5	1	1
E5125223 (6766485)	4	4	27	<5	71	<10	<10	<5	0.23	<5	<5	8.2	<1	19
E5125224 (6766486)	5	18	26	<5	169	<10	<10	<5	0.41	<5	<5	137	<1	16
E5125225 (6766487)	5	22	23	<5	91	<10	<10	<5	0.49	<5	<5	153	<1	22
E5125226 (6766488)	5	30	20	<5	275	<10	<10	<5	0.48	<5	<5	278	<1	13
E5125227 (6766489)	6	19	25	<5	14	<10	<10	<5	0.46	<5	<5	192	<1	10
E5125228 (6766490)	3	19	28	<5	208	<10	<10	<5	0.43	<5	<5	148	<1	21
E5125229 (6766491)	9	4	21	<5	99	<10	<10	<5	0.20	<5	<5	6.3	<1	14
E5125230 (6766492)	8	28	24	<5	322	<10	11	<5	0.63	<5	<5	325	<1	19
E5125231 (6766493)	5	27	33	<5	319	<10	13	<5	0.61	<5	<5	324	<1	19
E5125232 (6766494)	10	24	27	<5	437	<10	<10	<5	0.52	<5	<5	169	<1	19
E5125233 (6766495)	<1	27	34	<5	249	<10	<10	<5	0.57	<5	<5	251	<1	19
E5125234 (6766496)	<1	26	23	<5	328	<10	<10	<5	0.51	5	<5	223	<1	18
E5125235 (6766497)	7	25	16	<5	595	<10	16	<5	0.60	<5	<5	300	<1	18
E5125236 (6766498)	9	27	27	<5	574	<10	<10	<5	0.52	<5	<5	206	<1	16
E5125237 (6766499)	5	29	50	<5	348	<10	<10	<5	0.60	9	<5	227	<1	21
E5125238 (6766500)	3	27	12	<5	541	<10	<10	<5	0.55	<5	<5	292	<1	17
E5125239 (6766501)	1	25	12	<5	284	<10	11	<5	0.54	<5	<5	168	<1	26
E5125240 (6766502)	2	30	32	<5	393	<10	<10	<5	0.57	<5	<5	280	<1	18
E5125241 (6766503)	1	34	28	<5	536	<10	11	<5	0.62	<5	<5	284	<1	22
E5124711 (6766504)	10	2	<10	<5	49	<10	74	<5	0.01	101	<5	135	3	5

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Zn	Zr	Zn-OL
Unit:	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.5	5	0.01
E5124262 (6766453)	270	37	
E5124760 (6766454)	160	93	
E5124761 (6766455)	61.8	24	
E5124762 (6766456)	171	131	
E5124763 (6766457)	132	55	
E5124764 (6766458)	102	71	
E5124765 (6766459)	131	74	
E5124766 (6766460)	120	45	
E5124767 (6766461)	129	46	
E5124768 (6766462)	149	40	
E5124769 (6766463)	138	36	
E5124770 (6766464)	101	34	
E5124771 (6766465)	119	82	
E5124772 (6766466)	90.7	41	
E5124773 (6766467)	107	37	
E5124774 (6766468)	73.1	65	
E5124775 (6766469)	351	52	
E5124776 (6766470)	88.8	53	
E5124777 (6766471)	110	57	
E5125210 (6766472)	105	84	
E5125211 (6766473)	81.9	110	
E5125212 (6766474)	66.4	87	
E5125213 (6766475)	183	88	
E5125214 (6766476)	168	72	
E5125215 (6766477)	98.2	122	
E5125216 (6766478)	86.0	45	
E5125217 (6766479)	287	92	
E5125218 (6766480)	158	89	
E5125219 (6766481)	122	101	
E5125220 (6766482)	139	103	
E5125221 (6766483)	108	88	
E5125222 (6766484)	258	82	

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Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Zn	Zr	Zn-OL
Unit:	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.5	5	0.01
E5125223 (6766485)	91.4	81	
E5125224 (6766486)	198	72	
E5125225 (6766487)	142	78	
E5125226 (6766488)	38.9	11	
E5125227 (6766489)	34.5	75	
E5125228 (6766490)	123	69	
E5125229 (6766491)	75.3	83	
E5125230 (6766492)	153	25	
E5125231 (6766493)	161	23	
E5125232 (6766494)	71.4	36	
E5125233 (6766495)	109	71	
E5125234 (6766496)	192	22	
E5125235 (6766497)	111	50	
E5125236 (6766498)	77.8	33	
E5125237 (6766499)	111	25	
E5125238 (6766500)	127	43	
E5125239 (6766501)	126	79	
E5125240 (6766502)	133	40	
E5125241 (6766503)	175	49	
E5124711 (6766504)	>10000	<5	24.7

Comments: RDL - Reported Detection Limit
6766453-6766504 As, Sb values may be low due to digestion losses.

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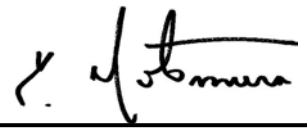

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-078) Borate Fusion - Lithogeochemistry Analysis, ICP-MS finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Ag	As	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.5	0.5	0.5	0.5	10	0.01	1	0.05	0.03	0.03	0.01	0.05	0.2
E5124262 (6766453)	<1	1.4	1010	31.7	19.2	66	0.58	126	3.64	2.51	1.18	15.1	4.48	3.0
E5124760 (6766454)	<1	0.7	664	28.4	28.3	44	0.43	94	3.84	2.49	1.36	17.4	4.88	2.5
E5124761 (6766455)	<1	2.2	310	14.3	22.1	44	1.19	38	2.52	1.60	0.98	15.1	3.21	1.2
E5124762 (6766456)	<1	<0.5	598	41.0	19.1	42	0.98	73	3.76	2.42	1.29	15.6	5.24	4.4
E5124763 (6766457)	<1	1.0	137	21.1	26.3	43	0.47	28	3.23	2.09	1.27	17.0	4.12	1.9
E5124764 (6766458)	<1	1.0	184	25.6	30.2	37	0.33	18	3.30	2.13	1.17	15.4	4.22	2.2
E5124765 (6766459)	<1	1.6	629	24.2	30.6	42	0.48	50	3.13	1.99	1.24	17.2	4.14	2.0
E5124766 (6766460)	<1	1.2	507	18.3	31.9	33	0.64	85	2.93	1.86	1.26	16.9	3.83	1.3
E5124767 (6766461)	<1	0.8	227	20.7	18.1	27	1.06	89	3.09	2.05	1.22	16.2	3.89	1.6
E5124768 (6766462)	<1	0.5	822	17.6	30.3	28	1.17	117	3.01	1.91	1.24	15.8	3.87	1.4
E5124769 (6766463)	<1	1.7	526	12.6	24.4	46	1.87	165	2.71	1.79	1.02	17.9	3.15	1.2
E5124770 (6766464)	<1	1.0	284	12.1	24.0	45	2.43	171	2.65	1.73	1.02	16.7	3.12	1.1
E5124771 (6766465)	<1	3.9	905	25.0	16.2	35	0.19	50	2.94	2.02	1.00	14.2	3.68	2.7
E5124772 (6766466)	<1	<0.5	1670	26.7	15.2	31	1.15	487	3.25	2.17	1.20	14.9	4.14	2.6
E5124773 (6766467)	<1	5.2	740	21.6	15.4	17	0.86	34	3.17	2.08	1.28	17.5	4.07	1.7
E5124774 (6766468)	<1	1.1	445	30.7	11.4	72	0.54	9	3.25	2.34	1.28	13.4	3.95	2.9
E5124775 (6766469)	<1	4.3	347	23.0	15.2	24	0.38	17	3.53	2.39	1.23	15.1	4.52	2.1
E5124776 (6766470)	<1	2.5	360	20.6	23.2	28	0.16	10	2.34	1.55	0.94	14.1	3.17	1.7
E5124777 (6766471)	<1	<0.5	749	19.5	24.1	35	0.71	17	3.04	2.13	0.97	15.0	3.83	2.1
E5125210 (6766472)	<1	0.7	905	32.4	21.5	40	0.45	50	3.98	2.62	1.49	16.8	5.16	3.4
E5125211 (6766473)	<1	0.7	1030	38.1	3.1	62	0.12	6	3.08	2.20	1.28	13.6	4.16	3.5
E5125212 (6766474)	<1	1.6	851	29.2	2.5	67	0.46	6	2.94	2.01	1.05	12.5	3.70	3.4
E5125213 (6766475)	<1	<0.5	5100	39.2	17.5	29	1.11	13	3.54	2.45	1.48	17.4	4.45	3.3
E5125214 (6766476)	<1	3.0	375	30.1	27.5	46	0.24	48	4.09	2.69	1.38	17.3	5.15	2.7
E5125215 (6766477)	<1	<0.5	1820	29.9	1.9	51	0.36	7	2.98	2.17	1.34	16.4	3.86	3.6
E5125216 (6766478)	<1	0.8	255	13.3	34.1	187	0.56	58	2.55	1.69	0.91	13.2	3.00	1.3
E5125217 (6766479)	<1	1.8	513	33.8	2.9	42	0.75	6	2.77	1.98	1.13	13.7	3.68	3.1
E5125218 (6766480)	<1	<0.5	75.4	27.2	27.7	31	0.08	13	3.68	2.43	1.30	17.1	4.66	2.7
E5125219 (6766481)	<1	<0.5	513	35.0	9.9	42	0.25	45	4.02	2.67	1.41	15.1	5.07	3.5
E5125220 (6766482)	<1	2.3	1770	34.1	4.4	36	0.75	25	2.91	2.02	1.01	13.2	3.93	3.0
E5125221 (6766483)	<1	4.0	1610	21.9	1.9	47	0.45	8	2.32	1.72	0.89	10.1	2.83	2.7
E5125222 (6766484)	<1	<0.5	829	29.4	17.1	43	0.53	65	3.62	2.32	1.27	15.4	4.58	3.0

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AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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Certificate of Analysis

AGAT WORK ORDER: 15Y998552

PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-078) Borate Fusion - Lithogeochemistry Analysis, ICP-MS finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Ag	As	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.5	0.5	0.5	0.5	10	0.01	1	0.05	0.03	0.03	0.01	0.05	0.2
E5125223 (6766485)	<1	4.5	435	36.7	2.0	24	0.79	8	3.08	2.29	1.05	15.0	3.97	3.3
E5125224 (6766486)	<1	2.4	177	23.0	10.7	29	0.18	12	2.99	1.99	1.11	16.0	3.69	2.3
E5125225 (6766487)	<1	<0.5	521	35.3	16.9	15	0.23	71	4.17	2.78	1.18	17.7	5.18	2.9
E5125226 (6766488)	<1	2.3	271	9.8	22.7	25	0.69	98	2.27	1.52	0.79	17.6	2.54	1.2
E5125227 (6766489)	<1	26.0	545	17.3	7.4	42	2.07	17	1.48	1.28	0.28	17.5	1.65	3.1
E5125228 (6766490)	<1	<0.5	2770	28.5	15.7	56	0.32	13	3.68	2.46	1.38	14.7	4.51	3.0
E5125229 (6766491)	<1	3.6	757	28.6	1.7	50	0.43	10	2.28	1.75	0.81	12.8	2.89	3.1
E5125230 (6766492)	<1	<0.5	606	18.3	35.0	27	2.20	34	3.17	2.02	1.20	16.4	4.11	1.2
E5125231 (6766493)	<1	<0.5	539	17.7	33.2	20	2.03	31	3.01	1.95	1.14	15.9	3.87	1.2
E5125232 (6766494)	<1	0.9	560	21.2	19.7	39	0.72	91	3.16	2.13	1.17	16.8	3.84	1.9
E5125233 (6766495)	<1	2.3	440	24.9	24.7	36	0.10	12	3.19	2.10	1.20	16.7	3.92	2.0
E5125234 (6766496)	<1	2.8	266	14.8	24.6	54	0.51	13	2.73	1.85	0.91	15.4	3.21	1.2
E5125235 (6766497)	<1	<0.5	550	20.3	31.6	35	0.66	208	2.93	1.87	1.22	17.4	3.86	1.4
E5125236 (6766498)	<1	5.8	850	17.7	28.4	31	1.11	31	2.61	1.64	1.13	16.0	3.49	1.0
E5125237 (6766499)	<1	22.8	433	22.7	21.2	16	0.55	37	3.42	2.24	1.31	17.9	4.49	1.7
E5125238 (6766500)	<1	<0.5	844	18.8	33.2	49	0.82	20	2.77	1.76	1.22	16.6	3.75	1.2
E5125239 (6766501)	<1	1.0	947	25.5	19.7	45	0.21	50	4.43	2.98	1.24	15.1	5.32	2.9
E5125240 (6766502)	<1	<0.5	359	17.6	33.4	47	0.25	79	3.04	1.98	1.11	16.7	3.69	1.4
E5125241 (6766503)	<1	0.7	507	20.4	26.6	37	0.55	18	3.34	2.23	1.20	16.8	4.08	1.6

Certified By:

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

Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-078) Borate Fusion - Lithogeochemistry Analysis, ICP-MS finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Ho	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.5	0.01	2	0.2	0.1	1	1	0.03	0.2	0.03	1	0.1	0.1
E5124262 (6766453)	0.81	14.1	0.36	3	5.9	17.8	16	54	4.22	59.2	4.02	1	311	0.4
E5124760 (6766454)	0.83	13.4	0.35	<2	4.9	18.8	17	7	4.35	34.5	4.30	<1	374	0.3
E5124761 (6766455)	0.55	6.2	0.22	<2	2.4	10.9	27	2	2.36	34.0	2.79	<1	315	0.1
E5124762 (6766456)	0.80	18.3	0.35	2	9.9	24.9	16	5	6.03	39.0	5.23	1	388	0.6
E5124763 (6766457)	0.70	9.8	0.29	<2	4.1	15.5	13	6	3.41	37.8	3.76	<1	486	0.3
E5124764 (6766458)	0.71	11.6	0.30	<2	5.0	17.1	16	4	3.94	16.4	3.98	<1	411	0.3
E5124765 (6766459)	0.68	11.2	0.28	<2	4.5	16.9	19	16	3.85	36.5	3.93	<1	430	0.3
E5124766 (6766460)	0.64	8.2	0.25	<2	2.7	14.4	21	4	3.08	22.3	3.58	<1	448	0.1
E5124767 (6766461)	0.69	9.1	0.29	<2	3.5	14.4	9	7	3.21	47.4	3.48	<1	354	0.2
E5124768 (6766462)	0.65	7.5	0.27	<2	2.7	14.2	16	5	3.00	72.2	3.51	<1	332	0.1
E5124769 (6766463)	0.61	5.3	0.26	<2	1.7	10.0	16	5	2.08	28.2	2.75	<1	546	0.1
E5124770 (6766464)	0.57	5.3	0.23	<2	1.6	9.8	15	3	2.01	46.2	2.63	<1	174	0.1
E5124771 (6766465)	0.67	11.6	0.31	<2	5.2	15.6	10	6	3.75	22.9	3.46	<1	506	0.3
E5124772 (6766466)	0.72	12.0	0.32	<2	5.5	17.0	9	3	3.99	82.3	3.83	<1	265	0.3
E5124773 (6766467)	0.71	9.4	0.30	<2	3.6	15.3	6	7	3.47	54.9	3.64	<1	295	0.2
E5124774 (6766468)	0.75	14.9	0.39	<2	6.0	17.3	6	7	4.25	33.1	3.75	1	186	0.4
E5124775 (6766469)	0.79	9.7	0.35	<2	4.5	16.7	7	10	3.69	16.3	4.03	<1	219	0.2
E5124776 (6766470)	0.51	9.9	0.24	<2	4.8	13.0	7	7	3.02	26.9	2.85	<1	155	0.2
E5124777 (6766471)	0.69	8.5	0.33	<2	4.4	13.7	16	6	3.09	83.5	3.42	<1	164	0.2
E5125210 (6766472)	0.87	14.9	0.39	<2	6.6	20.7	15	6	4.82	80.6	4.70	1	223	0.4
E5125211 (6766473)	0.71	17.3	0.38	<2	8.2	20.4	4	5	5.16	55.6	4.02	1	64.2	0.5
E5125212 (6766474)	0.66	12.5	0.34	2	7.4	16.5	4	7	4.09	87.2	3.48	3	46.5	0.5
E5125213 (6766475)	0.80	18.2	0.39	<2	6.5	20.4	14	5	5.20	169	4.23	1	86.5	0.5
E5125214 (6766476)	0.91	13.6	0.39	<2	5.5	19.7	20	12	4.54	27.9	4.47	1	319	0.4
E5125215 (6766477)	0.68	12.9	0.38	<2	7.1	17.1	4	6	4.25	86.4	3.68	1	133	0.5
E5125216 (6766478)	0.56	6.0	0.24	<2	2.4	10.0	50	2	2.15	20.0	2.57	<1	272	0.1
E5125217 (6766479)	0.64	15.4	0.35	<2	6.1	17.8	3	4	4.60	59.3	3.51	1	51.8	0.5
E5125218 (6766480)	0.81	12.3	0.36	<2	5.2	17.8	10	8	4.12	10.4	4.22	<1	343	0.3
E5125219 (6766481)	0.89	15.9	0.41	<2	6.5	21.2	5	6	5.03	42.7	4.70	1	203	0.5
E5125220 (6766482)	0.65	15.5	0.34	<2	6.0	18.3	3	21	4.62	93.0	3.67	1	67.6	0.5
E5125221 (6766483)	0.54	10.4	0.33	<2	5.4	12.4	4	5	3.10	65.1	2.63	<1	60.2	0.4
E5125222 (6766484)	0.78	13.5	0.35	<2	5.6	17.8	11	16	4.18	53.2	4.08	1	315	0.4

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

Certificate of Analysis

AGAT WORK ORDER: 15Y998552

PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-078) Borate Fusion - Lithogeochemistry Analysis, ICP-MS finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Ho	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.5	0.01	2	0.2	0.1	1	1	0.03	0.2	0.03	1	0.1	0.1
E5125223 (6766485)	0.71	16.7	0.42	<2	6.5	18.7	2	3	4.75	75.8	3.93	1	67.0	0.5
E5125224 (6766486)	0.64	11.5	0.31	<2	4.4	14.9	10	10	3.40	11.2	3.47	<1	166	0.3
E5125225 (6766487)	0.93	15.3	0.43	<2	5.6	21.8	5	2	5.17	73.2	4.87	1	93.5	0.4
E5125226 (6766488)	0.51	4.3	0.23	<2	1.5	7.7	6	3	1.55	35.1	2.18	1	296	<0.1
E5125227 (6766489)	0.37	7.9	0.25	4	5.5	8.1	5	8	2.05	124	1.55	1	11.9	0.4
E5125228 (6766490)	0.82	13.6	0.37	<2	5.5	16.7	13	9	3.90	125	3.98	<1	212	0.4
E5125229 (6766491)	0.53	13.6	0.34	<2	6.1	14.0	2	4	3.56	38.1	2.77	1	95.6	0.4
E5125230 (6766492)	0.69	7.4	0.29	<2	2.5	14.1	20	4	2.85	37.2	3.66	<1	330	0.1
E5125231 (6766493)	0.66	7.1	0.27	<2	2.4	13.5	17	3	2.77	34.6	3.47	<1	313	0.1
E5125232 (6766494)	0.71	8.9	0.32	<2	3.0	14.1	8	7	3.08	37.7	3.37	<1	423	0.2
E5125233 (6766495)	0.70	11.6	0.32	<2	5.2	15.2	10	4	3.43	14.2	3.56	<1	243	0.3
E5125234 (6766496)	0.62	6.1	0.28	<2	2.4	10.5	9	24	2.19	57.2	2.69	<1	331	0.1
E5125235 (6766497)	0.63	8.8	0.26	<2	2.8	14.1	24	3	2.98	25.7	3.50	<1	581	0.2
E5125236 (6766498)	0.56	7.6	0.23	<2	2.3	12.5	16	3	2.59	58.6	3.11	<1	565	0.1
E5125237 (6766499)	0.75	9.5	0.32	<2	3.3	15.5	12	9	3.19	52.7	3.87	2	334	0.2
E5125238 (6766500)	0.60	8.2	0.25	<2	2.4	13.7	28	4	2.83	30.6	3.40	<1	545	0.1
E5125239 (6766501)	0.98	10.7	0.44	2	5.4	18.0	16	4	3.89	22.5	4.55	1	278	0.3
E5125240 (6766502)	0.66	7.7	0.28	<2	2.5	12.3	28	6	2.61	14.7	3.19	<1	404	0.1
E5125241 (6766503)	0.74	8.8	0.32	<2	2.9	14.0	9	10	2.94	28.8	3.57	<1	497	0.2

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

Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-078) Borate Fusion - Lithogeochemistry Analysis, ICP-MS finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Tb	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.05	0.5	0.01	0.05	1	1	0.5	0.03	1	2
E5124262 (6766453)	0.65	4.26	<0.5	0.34	1.81	148	1	23.7	2.33	243	115
E5124760 (6766454)	0.70	3.51	<0.5	0.33	1.51	214	<1	23.1	2.29	149	91
E5124761 (6766455)	0.46	1.29	<0.5	0.21	0.55	284	<1	14.8	1.49	50	42
E5124762 (6766456)	0.72	8.54	<0.5	0.33	3.72	158	1	21.8	2.31	137	166
E5124763 (6766457)	0.59	2.25	<0.5	0.28	0.99	277	<1	18.5	1.93	110	67
E5124764 (6766458)	0.60	3.22	<0.5	0.29	1.19	250	<1	19.1	2.00	98	81
E5124765 (6766459)	0.59	2.73	<0.5	0.27	1.20	260	<1	18.2	1.83	117	72
E5124766 (6766460)	0.54	1.28	<0.5	0.24	0.53	285	<1	16.5	1.65	109	44
E5124767 (6766461)	0.56	0.88	<0.5	0.28	0.43	167	<1	18.9	1.90	106	59
E5124768 (6766462)	0.55	1.01	<0.5	0.26	0.39	241	<1	17.1	1.77	130	47
E5124769 (6766463)	0.47	0.79	<0.5	0.24	0.36	274	<1	15.9	1.66	129	41
E5124770 (6766464)	0.47	0.69	<0.5	0.23	0.28	256	<1	16.2	1.56	95	36
E5124771 (6766465)	0.53	3.64	<0.5	0.28	1.52	151	<1	18.5	1.95	113	99
E5124772 (6766466)	0.59	3.52	<0.5	0.30	1.55	109	<1	19.3	2.08	83	96
E5124773 (6766467)	0.58	1.07	<0.5	0.29	0.45	183	<1	18.7	1.95	95	60
E5124774 (6766468)	0.58	3.49	<0.5	0.34	1.67	76	<1	21.2	2.42	69	108
E5124775 (6766469)	0.66	1.63	<0.5	0.33	0.73	163	1	22.0	2.24	311	76
E5124776 (6766470)	0.44	1.58	<0.5	0.22	0.59	227	<1	13.4	1.51	90	61
E5124777 (6766471)	0.56	2.02	<0.5	0.30	0.81	198	<1	18.4	2.10	99	78
E5125210 (6766472)	0.74	4.45	<0.5	0.37	2.07	179	1	23.2	2.51	98	122
E5125211 (6766473)	0.58	4.17	<0.5	0.33	1.82	34	2	20.2	2.35	72	134
E5125212 (6766474)	0.54	3.92	<0.5	0.30	1.58	23	3	18.3	2.10	61	126
E5125213 (6766475)	0.64	4.33	0.7	0.35	1.40	173	1	21.7	2.40	156	122
E5125214 (6766476)	0.74	3.28	<0.5	0.37	1.33	201	<1	25.0	2.54	165	98
E5125215 (6766477)	0.55	6.26	<0.5	0.32	2.93	21	1	18.5	2.29	85	132
E5125216 (6766478)	0.44	0.99	<0.5	0.23	0.42	219	<1	14.8	1.57	80	43
E5125217 (6766479)	0.53	5.39	<0.5	0.30	1.39	17	<1	17.8	2.11	221	112
E5125218 (6766480)	0.67	3.56	<0.5	0.33	1.59	206	8	21.2	2.31	146	96
E5125219 (6766481)	0.74	5.18	<0.5	0.37	2.22	87	1	23.4	2.62	106	123
E5125220 (6766482)	0.56	5.38	<0.5	0.30	2.28	20	2	19.5	2.12	115	112
E5125221 (6766483)	0.41	4.84	<0.5	0.26	1.86	13	1	15.9	1.94	83	103
E5125222 (6766484)	0.65	3.91	<0.5	0.32	1.69	154	1	22.7	2.25	227	110

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

Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-078) Borate Fusion - Lithogeochemistry Analysis, ICP-MS finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Tb	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.05	0.5	0.01	0.05	1	1	0.5	0.03	1	2
E5125223 (6766485)	0.57	5.86	<0.5	0.34	1.82	18	<1	20.2	2.51	73	124
E5125224 (6766486)	0.54	2.77	<0.5	0.28	1.54	134	<1	18.2	1.97	189	84
E5125225 (6766487)	0.77	3.86	<0.5	0.38	1.76	149	<1	24.0	2.65	133	104
E5125226 (6766488)	0.39	0.70	<0.5	0.21	0.30	266	<1	13.5	1.47	36	37
E5125227 (6766489)	0.25	3.20	<0.5	0.19	1.63	174	<1	11.2	1.43	30	114
E5125228 (6766490)	0.67	3.79	<0.5	0.33	1.57	140	1	23.4	2.34	112	109
E5125229 (6766491)	0.41	5.40	<0.5	0.26	1.88	14	1	16.1	1.96	62	118
E5125230 (6766492)	0.58	0.95	<0.5	0.28	0.30	292	<1	19.0	1.87	156	40
E5125231 (6766493)	0.55	0.89	<0.5	0.26	0.28	281	<1	18.0	1.79	151	38
E5125232 (6766494)	0.57	1.40	<0.5	0.29	0.60	156	<1	19.1	2.04	64	62
E5125233 (6766495)	0.57	1.91	<0.5	0.29	0.63	230	<1	19.3	2.00	109	74
E5125234 (6766496)	0.46	0.57	<0.5	0.26	0.24	203	<1	17.8	1.75	175	41
E5125235 (6766497)	0.54	1.21	<0.5	0.25	0.52	262	<1	17.3	1.70	107	47
E5125236 (6766498)	0.49	0.99	<0.5	0.22	0.18	193	<1	15.4	1.49	82	33
E5125237 (6766499)	0.62	1.00	<0.5	0.30	0.43	194	<1	21.4	2.04	113	59
E5125238 (6766500)	0.53	1.23	<0.5	0.23	0.51	258	<1	16.2	1.59	122	39
E5125239 (6766501)	0.78	2.22	<0.5	0.41	0.90	155	1	26.3	2.88	113	97
E5125240 (6766502)	0.54	1.13	<0.5	0.27	0.51	247	<1	18.0	1.85	122	49
E5125241 (6766503)	0.61	0.88	<0.5	0.30	0.34	243	<1	20.6	2.04	163	55

Comments: RDL - Reported Detection Limit

Certified By:

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

Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	SrO	V2O5
Unit:	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Sample ID (AGAT ID) RDL:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
E5124262 (6766453)	16.4	0.12	3.61	<0.01	6.96	3.20	3.62	0.23	2.30	0.21	58.8	0.73	0.03	0.03
E5124760 (6766454)	17.9	0.08	4.42	<0.01	8.89	1.86	3.31	0.17	2.90	0.24	54.8	0.88	0.04	0.04
E5124761 (6766455)	18.3	0.04	6.90	<0.01	9.67	1.64	6.11	0.16	2.84	0.18	47.8	0.86	0.04	0.06
E5124762 (6766456)	16.6	0.07	6.66	<0.01	7.71	1.69	3.46	0.23	2.88	0.33	53.2	0.91	0.04	0.03
E5124763 (6766457)	18.0	0.02	7.99	<0.01	10.6	1.28	4.70	0.28	1.78	0.23	49.4	1.03	0.06	0.06
E5124764 (6766458)	17.5	0.03	4.78	<0.01	11.3	0.66	4.48	0.18	3.89	0.27	51.5	0.96	0.04	0.05
E5124765 (6766459)	17.9	0.07	8.08	<0.01	9.96	2.11	5.23	0.18	2.83	0.25	50.4	0.98	0.04	0.05
E5124766 (6766460)	19.1	0.07	7.42	<0.01	11.1	1.47	6.29	0.19	2.18	0.28	47.0	1.07	0.05	0.05
E5124767 (6766461)	19.3	0.03	4.79	<0.01	8.51	2.02	3.30	0.18	3.94	0.24	51.2	0.90	0.05	0.03
E5124768 (6766462)	18.8	0.10	5.27	<0.01	11.1	2.87	4.83	0.23	2.23	0.25	47.7	1.04	0.03	0.04
E5124769 (6766463)	20.1	0.06	7.00	<0.01	10.3	1.46	4.55	0.27	2.39	0.15	48.6	1.02	0.07	0.05
E5124770 (6766464)	19.3	0.03	4.65	<0.01	10.0	1.71	3.84	0.22	4.39	0.18	48.0	1.00	0.02	0.04
E5124771 (6766465)	15.8	0.11	5.81	<0.01	6.77	1.61	2.91	0.19	3.60	0.19	58.7	0.71	0.05	0.03
E5124772 (6766466)	18.3	0.21	3.70	<0.01	7.10	3.52	2.65	0.16	3.48	0.22	55.3	0.70	0.03	0.02
E5124773 (6766467)	19.9	0.09	2.55	<0.01	8.12	2.08	2.60	0.13	4.51	0.26	54.3	0.90	0.02	0.03
E5124774 (6766468)	16.7	0.05	1.66	<0.01	5.54	1.70	2.30	0.17	5.46	0.22	62.8	0.59	0.02	0.02
E5124775 (6766469)	16.4	0.05	1.87	<0.01	8.12	1.03	6.01	0.37	3.97	0.32	55.4	0.94	0.02	0.03
E5124776 (6766470)	17.7	0.04	2.09	<0.01	9.74	1.76	4.33	0.16	6.54	0.26	52.1	0.91	0.02	0.04
E5124777 (6766471)	18.5	0.10	2.77	<0.01	7.21	4.14	4.36	0.22	4.26	0.21	52.2	0.89	0.01	0.04
E5125210 (6766472)	18.4	0.11	1.86	<0.01	8.14	2.65	3.16	0.18	3.24	0.25	57.0	0.87	0.02	0.03
E5125211 (6766473)	14.6	0.11	0.33	<0.01	3.74	3.31	2.69	0.07	4.54	0.14	67.7	0.49	<0.01	<0.01
E5125212 (6766474)	13.2	0.10	0.29	<0.01	3.41	4.99	1.14	0.08	2.74	0.13	71.0	0.46	<0.01	<0.01
E5125213 (6766475)	19.2	0.63	0.46	<0.01	8.78	10.0	4.67	0.29	0.32	0.24	50.8	0.92	<0.01	0.03
E5125214 (6766476)	18.1	0.04	3.87	<0.01	9.20	1.26	4.88	0.22	3.18	0.24	51.9	0.93	0.03	0.04
E5125215 (6766477)	15.2	0.20	0.33	<0.01	3.18	3.60	1.58	0.09	4.37	0.14	68.1	0.37	<0.01	<0.01
E5125216 (6766478)	15.0	0.02	7.27	0.03	10.0	1.04	5.92	0.23	2.73	0.15	50.4	0.74	0.03	0.04
E5125217 (6766479)	14.9	0.07	0.30	<0.01	3.24	2.06	2.65	0.13	4.03	0.12	69.1	0.34	<0.01	<0.01
E5125218 (6766480)	18.5	<0.01	5.00	<0.01	10.4	0.41	5.12	0.24	4.16	0.25	50.6	0.98	0.03	0.04
E5125219 (6766481)	15.2	0.06	2.78	<0.01	5.95	1.68	3.34	0.25	2.31	0.20	63.4	0.64	0.02	0.02
E5125220 (6766482)	14.6	0.22	0.33	<0.01	2.99	4.91	1.22	0.12	2.62	0.13	70.3	0.34	<0.01	<0.01
E5125221 (6766483)	13.8	0.20	0.28	<0.01	3.05	3.34	2.28	0.10	2.98	0.12	71.0	0.31	<0.01	<0.01
E5125222 (6766484)	16.9	0.10	3.88	<0.01	7.23	3.11	4.28	0.42	2.05	0.18	56.5	0.76	0.03	0.03

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FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	SrO	V2O5
Unit:	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Sample ID (AGAT ID) RDL:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
E5125223 (6766485)	16.3	0.05	0.44	<0.01	3.17	3.07	2.59	0.11	3.13	0.20	67.2	0.38	<0.01	<0.01
E5125224 (6766486)	17.6	0.02	2.06	<0.01	6.63	0.68	5.75	0.23	5.02	0.17	56.6	0.72	0.01	0.02
E5125225 (6766487)	21.0	0.05	0.62	<0.01	9.43	2.82	2.98	0.15	3.69	0.27	53.5	0.91	<0.01	0.03
E5125226 (6766488)	18.9	0.02	2.66	<0.01	11.0	1.65	3.81	0.02	4.52	0.12	48.4	0.95	0.03	0.05
E5125227 (6766489)	16.9	0.06	0.12	<0.01	2.92	4.98	0.85	0.01	0.06	0.07	67.9	0.74	<0.01	0.03
E5125228 (6766490)	16.2	0.32	2.24	<0.01	7.34	7.38	4.19	0.28	0.15	0.18	56.4	0.74	0.02	0.03
E5125229 (6766491)	15.0	0.08	0.55	<0.01	3.55	2.19	2.70	0.15	4.35	0.12	68.5	0.34	<0.01	<0.01
E5125230 (6766492)	18.4	0.08	3.21	<0.01	11.9	1.48	5.97	0.30	3.61	0.31	48.7	1.09	0.04	0.06
E5125231 (6766493)	18.1	0.06	3.20	<0.01	11.9	1.43	5.91	0.30	3.61	0.31	48.1	1.09	0.04	0.06
E5125232 (6766494)	18.9	0.07	6.71	<0.01	8.19	1.96	3.34	0.11	3.84	0.22	53.3	0.87	0.04	0.04
E5125233 (6766495)	18.0	0.05	2.42	<0.01	9.82	1.17	5.69	0.18	6.18	0.24	51.6	0.95	0.02	0.04
E5125234 (6766496)	15.7	0.02	4.37	<0.01	7.21	1.90	3.04	0.30	2.24	0.29	59.7	0.84	0.04	0.04
E5125235 (6766497)	18.7	0.07	6.60	<0.01	11.0	1.29	5.39	0.21	3.74	0.30	47.0	1.04	0.06	0.05
E5125236 (6766498)	16.9	0.10	6.93	<0.01	11.8	2.78	4.72	0.17	3.97	0.27	46.9	0.96	0.06	0.04
E5125237 (6766499)	20.7	0.04	3.14	<0.01	9.28	1.94	2.69	0.13	5.33	0.29	50.2	1.06	0.04	0.04
E5125238 (6766500)	17.7	0.10	6.70	<0.01	11.1	1.61	6.19	0.22	3.77	0.37	45.3	0.95	0.06	0.05
E5125239 (6766501)	17.5	0.11	3.80	<0.01	8.32	1.58	3.82	0.23	6.14	0.25	52.4	0.86	0.03	0.03
E5125240 (6766502)	17.8	0.05	8.86	<0.01	11.0	0.92	5.97	0.20	2.42	0.24	48.3	0.98	0.04	0.05
E5125241 (6766503)	17.6	0.06	6.95	<0.01	11.1	1.21	4.03	0.28	1.77	0.25	51.8	1.06	0.05	0.05

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CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	LOI	Total
Unit:	%	%
Sample ID (AGAT ID) RDL:	0.01	0.01
E5124262 (6766453)	3.01	99.2
E5124760 (6766454)	4.09	99.6
E5124761 (6766455)	4.95	99.5
E5124762 (6766456)	5.41	99.2
E5124763 (6766457)	5.14	101
E5124764 (6766458)	3.62	99.2
E5124765 (6766459)	2.10	100
E5124766 (6766460)	3.52	99.7
E5124767 (6766461)	4.93	99.4
E5124768 (6766462)	5.25	99.7
E5124769 (6766463)	3.87	99.8
E5124770 (6766464)	5.65	99.0
E5124771 (6766465)	3.39	99.8
E5124772 (6766466)	4.08	99.5
E5124773 (6766467)	3.94	99.4
E5124774 (6766468)	2.29	99.5
E5124775 (6766469)	4.48	99.0
E5124776 (6766470)	3.53	99.2
E5124777 (6766471)	4.52	99.4
E5125210 (6766472)	3.80	99.7
E5125211 (6766473)	2.03	99.8
E5125212 (6766474)	1.75	99.3
E5125213 (6766475)	3.45	99.8
E5125214 (6766476)	4.64	98.5
E5125215 (6766477)	2.12	99.3
E5125216 (6766478)	5.49	99.1
E5125217 (6766479)	2.47	99.4
E5125218 (6766480)	3.75	99.4
E5125219 (6766481)	3.23	99.1
E5125220 (6766482)	2.29	100
E5125221 (6766483)	2.33	99.8
E5125222 (6766484)	3.95	99.4

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Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	LOI	Total
Unit:	%	%
Sample ID (AGAT ID) RDL:	0.01	0.01
E5125223 (6766485)	3.22	99.9
E5125224 (6766486)	4.08	99.6
E5125225 (6766487)	4.18	99.6
E5125226 (6766488)	7.09	99.2
E5125227 (6766489)	4.94	99.6
E5125228 (6766490)	3.46	98.9
E5125229 (6766491)	2.41	99.9
E5125230 (6766492)	4.97	100
E5125231 (6766493)	5.00	99.1
E5125232 (6766494)	2.49	100
E5125233 (6766495)	3.54	99.9
E5125234 (6766496)	3.43	99.1
E5125235 (6766497)	3.49	98.9
E5125236 (6766498)	4.00	99.6
E5125237 (6766499)	4.44	99.3
E5125238 (6766500)	5.44	99.5
E5125239 (6766501)	4.13	99.2
E5125240 (6766502)	2.44	99.2
E5125241 (6766503)	3.89	100

Comments: RDL - Reported Detection Limit

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.001
E5124262 (6766453)	0.004
E5124760 (6766454)	<0.001
E5124761 (6766455)	0.002
E5124762 (6766456)	0.002
E5124763 (6766457)	0.002
E5124764 (6766458)	0.001
E5124765 (6766459)	0.002
E5124766 (6766460)	0.002
E5124767 (6766461)	0.002
E5124768 (6766462)	0.002
E5124769 (6766463)	0.002
E5124770 (6766464)	0.001
E5124771 (6766465)	0.002
E5124772 (6766466)	0.003
E5124773 (6766467)	0.005
E5124774 (6766468)	0.002
E5124775 (6766469)	0.003
E5124776 (6766470)	0.010
E5124777 (6766471)	0.004
E5125210 (6766472)	0.002
E5125211 (6766473)	<0.001
E5125212 (6766474)	0.002
E5125213 (6766475)	0.001
E5125214 (6766476)	0.003
E5125215 (6766477)	0.002
E5125216 (6766478)	0.007
E5125217 (6766479)	<0.001
E5125218 (6766480)	0.002
E5125219 (6766481)	0.002
E5125220 (6766482)	0.053
E5125221 (6766483)	0.002
E5125222 (6766484)	0.002

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CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 15Y998552
PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Jul 22, 2015 | DATE RECEIVED: Jul 22, 2015 | DATE REPORTED: Aug 12, 2015 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.001
E5125223 (6766485)	0.002
E5125224 (6766486)	0.001
E5125225 (6766487)	0.001
E5125226 (6766488)	0.003
E5125227 (6766489)	0.002
E5125228 (6766490)	0.002
E5125229 (6766491)	0.003
E5125230 (6766492)	0.003
E5125231 (6766493)	0.004
E5125232 (6766494)	0.002
E5125233 (6766495)	0.003
E5125234 (6766496)	0.008
E5125235 (6766497)	0.018
E5125236 (6766498)	0.005
E5125237 (6766499)	0.004
E5125238 (6766500)	0.002
E5125239 (6766501)	<0.001
E5125240 (6766502)	<0.001
E5125241 (6766503)	0.001
E5124711 (6766504)	0.128

Comments: RDL - Reported Detection Limit

Certified By:

AGAT Laboratories

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FAX (905)501-0589
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Quality Assurance - Replicate

AGAT WORK ORDER: 15Y998552

PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	6766453	< 0.5	< 0.5	0.0%	6766477	< 0.5	< 0.5	0.0%	6766498	< 0.5	< 0.5	0.0%				
Al	6766453	8.91	9.63	7.8%	6766477	8.85	8.44	4.7%	6766498	9.52	10.1	5.9%				
As	6766453	< 1	< 1	0.0%	6766477	< 1	6		6766498	3	< 1					
Ba	6766453	1130	1160	2.6%	6766477	1440	1370	5.0%	6766498	895	933	4.2%				
Be	6766453	0.7	0.7	0.0%	6766477	1.0	1.0	0.0%	6766498	< 0.5	< 0.5	0.0%				
Bi	6766453	< 1	< 1	0.0%	6766477	< 1	< 1	0.0%	6766498	< 1	< 1	0.0%				
Ca	6766453	2.69	2.87	6.5%	6766477	0.294	0.254	14.6%	6766498	5.21	5.38	3.2%				
Cd	6766453	1.0	0.8	22.2%	6766477	< 0.5	< 0.5	0.0%	6766498	< 0.5	< 0.5	0.0%				
Ce	6766453	34	37	8.5%	6766477	32	30	6.5%	6766498	21	22	4.7%				
Co	6766453	15.3	15.1	1.3%	6766477	< 0.5	< 0.5	0.0%	6766498	24.0	26.0	8.0%				
Cr	6766453	62.9	67.8	7.5%	6766477	43.3	41.1	5.2%	6766498	28.2	28.3	0.4%				
Cu	6766453	128	134	4.6%	6766477	3.8	3.5	8.2%	6766498	16.3	17.3	6.0%				
Fe	6766453	4.75	5.11	7.3%	6766477	2.56	2.34	9.0%	6766498	7.15	7.51	4.9%				
Ga	6766453	14	15	6.9%	6766477	14	13	7.4%	6766498	16	16	0.0%				
In	6766453	3	< 1		6766477	3	2		6766498	2	8					
K	6766453	2.55	2.46	3.6%	6766477	2.45	3.15	25.0%	6766498	1.06	1.20	12.4%				
La	6766453	17	18	5.7%	6766477	15	15	0.0%	6766498	9	9	0.0%				
Li	6766453	4	5	22.2%	6766477	3	3	0.0%	6766498	8	10	22.2%				
Mg	6766453	2.19	2.29	4.5%	6766477	1.04	0.95	9.0%	6766498	2.89	2.99	3.4%				
Mn	6766453	1780	1860	4.4%	6766477	711	656	8.0%	6766498	1300	1340	3.0%				
Mo	6766453	< 0.5	1.3		6766477	< 0.5	< 0.5	0.0%	6766498	< 0.5	< 0.5	0.0%				
Na	6766453	1.74	1.81	3.9%	6766477	3.35	3.10	7.8%	6766498	2.99	3.08	3.0%				
Ni	6766453	14.1	14.9	5.5%	6766477	1.9	1.3		6766498	17.1	20.8	19.5%				
P	6766453	940	928	1.3%	6766477	671	620	7.9%	6766498	1330	1230	7.8%				
Pb	6766453	42	44	4.7%	6766477	< 1	< 1	0.0%	6766498	< 1	< 1	0.0%				
Rb	6766453	120	111	7.8%	6766477	122	168		6766498	54	61	12.2%				
S	6766453	0.104	0.0834	22.0%	6766477	0.299	0.282	5.9%	6766498	< 0.005	< 0.005	0.0%				
Sb	6766453	3	4	28.6%	6766477	6	4		6766498	9	6					
Sc	6766453	18	18	0.0%	6766477	5	4	22.2%	6766498	27	28	3.6%				
Se	6766453	21	27	25.0%	6766477	< 10	25		6766498	27	39					
Sn	6766453	< 5	< 5	0.0%	6766477	< 5	< 5	0.0%	6766498	< 5	< 5	0.0%				

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CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

Sr	6766453	308	336	8.7%	6766477	130	123	5.5%	6766498	574	603	4.9%				
Ta	6766453	< 10	< 10	0.0%	6766477	< 10	< 10	0.0%	6766498	< 10	< 10	0.0%				
Te	6766453	10	9	10.5%	6766477	< 10	< 10	0.0%	6766498	< 10	13					
Th	6766453	< 5	< 5	0.0%	6766477	< 5	< 5	0.0%	6766498	< 5	< 5	0.0%				
Ti	6766453	0.383	0.412	7.3%	6766477	0.22	0.21	4.7%	6766498	0.52	0.54	3.8%				
Tl	6766453	< 5	< 5	0.0%	6766477	< 5	< 5	0.0%	6766498	< 5	< 5	0.0%				
U	6766453	< 5	< 5	0.0%	6766477	< 5	< 5	0.0%	6766498	< 5	< 5	0.0%				
V	6766453	147	158	7.2%	6766477	11.0	10.6	3.7%	6766498	206	212	2.9%				
W	6766453	< 1	< 1	0.0%	6766477	< 1	< 1	0.0%	6766498	< 1	< 1	0.0%				
Y	6766453	25	26	3.9%	6766477	17	17	0.0%	6766498	16	16	0.0%				
Zn	6766453	270	281	4.0%	6766477	98.2	100	1.8%	6766498	77.8	81.1	4.2%				
Zr	6766453	37	41	10.3%	6766477	122	116	5.0%	6766498	33	35	5.9%				

(201-078) Borate Fusion - Lithogeochemistry Analysis, ICP-MS finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	6766453	< 1	< 1	0.0%	6766477	< 1	< 1	0.0%	6766498	< 1	< 1	0.0%				
As	6766453	1.45	1.47	1.4%	6766477	< 0.5	< 0.5	0.0%	6766498	5.8	6.0	3.4%				
Ba	6766453	1010	1020	1.0%	6766477	1820	1710	6.2%	6766498	850	852	0.2%				
Ce	6766453	31.7	31.3	1.3%	6766477	29.9	27.7	7.6%	6766498	17.7	17.3	2.3%				
Co	6766453	19.2	20.0	4.1%	6766477	1.86	1.73	7.2%	6766498	28.4	28.6	0.7%				
Cr	6766453	66	68	3.0%	6766477	51	46	10.3%	6766498	31	32	3.2%				
Cs	6766453	0.584	0.587	0.5%	6766477	0.36	0.34	5.7%	6766498	1.11	1.09	1.8%				
Cu	6766453	126	126	0.0%	6766477	7	7	0.0%	6766498	31	31	0.0%				
Dy	6766453	3.64	3.65	0.3%	6766477	2.98	2.76	7.7%	6766498	2.61	2.62	0.4%				
Er	6766453	2.51	2.53	0.8%	6766477	2.17	1.96	10.2%	6766498	1.64	1.61	1.8%				
Eu	6766453	1.18	1.21	2.5%	6766477	1.34	1.28	4.6%	6766498	1.13	1.11	1.8%				
Ga	6766453	15.1	15.0	0.7%	6766477	16.4	14.9	9.6%	6766498	16.0	15.5	3.2%				
Gd	6766453	4.48	4.56	1.8%	6766477	3.86	3.58	7.5%	6766498	3.49	3.48	0.3%				
Hf	6766453	3.04	3.07	1.0%	6766477	3.6	3.3	8.7%	6766498	1.0	1.0	0.0%				
Ho	6766453	0.81	0.83	2.4%	6766477	0.677	0.622	8.5%	6766498	0.56	0.56	0.0%				
La	6766453	14.1	14.1	0.0%	6766477	12.9	12.0	7.2%	6766498	7.56	7.38	2.4%				
Lu	6766453	0.36	0.37	2.7%	6766477	0.376	0.350	7.2%	6766498	0.23	0.22	4.4%				
Mo	6766453	3	3	0.0%	6766477	< 2	< 2	0.0%	6766498	< 2	< 2	0.0%				
Nb	6766453	5.90	5.96	1.0%	6766477	7.07	6.38	10.3%	6766498	2.3	2.3	0.0%				

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CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

Nd	6766453	17.8	18.1	1.7%	6766477	17.1	15.7	8.5%	6766498	12.5	12.4	0.8%				
Ni	6766453	16	18	11.8%	6766477	4	4	0.0%	6766498	16	17	6.1%				
Pb	6766453	54	55	1.8%	6766477	6	6	0.0%	6766498	3	3	0.0%				
Pr	6766453	4.22	4.37	3.5%	6766477	4.25	3.91	8.3%	6766498	2.59	2.53	2.3%				
Rb	6766453	59.2	60.3	1.8%	6766477	86.4	82.6	4.5%	6766498	58.6	59.9	2.2%				
Sm	6766453	4.02	4.12	2.5%	6766477	3.68	3.45	6.5%	6766498	3.11	3.09	0.6%				
Sn	6766453	1	1	0.0%	6766477	1	1	0.0%	6766498	< 1	< 1	0.0%				
Sr	6766453	311	314	1.0%	6766477	133	125	6.2%	6766498	565	556	1.6%				
Ta	6766453	0.4	0.4	0.0%	6766477	0.5	0.5	0.0%	6766498	0.1	0.1	0.0%				
Tb	6766453	0.650	0.667	2.6%	6766477	0.55	0.52	5.6%	6766498	0.49	0.49	0.0%				
Th	6766453	4.26	4.32	1.4%	6766477	6.26	5.55	12.0%	6766498	0.99	0.98	1.0%				
Tl	6766453	< 0.5	< 0.5	0.0%	6766477	< 0.5	< 0.5	0.0%	6766498	< 0.5	< 0.5	0.0%				
Tm	6766453	0.34	0.34	0.0%	6766477	0.318	0.291	8.9%	6766498	0.22	0.22	0.0%				
U	6766453	1.81	1.84	1.6%	6766477	2.93	2.69	8.5%	6766498	0.177	0.173	2.3%				
V	6766453	148	152	2.7%	6766477	21	23	9.1%	6766498	193	195	1.0%				
W	6766453	1	1	0.0%	6766477	1	< 1		6766498	< 1	< 1	0.0%				
Y	6766453	23.7	23.8	0.4%	6766477	18.5	17.0	8.5%	6766498	15.4	15.4	0.0%				
Yb	6766453	2.33	2.34	0.4%	6766477	2.29	2.11	8.2%	6766498	1.49	1.47	1.4%				
Zn	6766453	243	242	0.4%	6766477	85	79	7.3%	6766498	82	82	0.0%				
Zr	6766453	115	115	0.0%	6766477	132	120	9.5%	6766498	33	33	0.0%				

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Al2O3	6766453	16.4	16.4	0.1%	6766473	14.6	14.5	0.6%								
BaO	6766453	0.12	0.12	4.1%	6766473	0.11	0.12	9.2%								
CaO	6766453	3.61	3.61	0.1%	6766473	0.33	0.32	4%								
Cr2O3	6766453	<0.01	<0.01	0.0%	6766473	<0.01	<0.01	0%								
Fe2O3	6766453	6.96	7.00	0.6%	6766473	3.74	3.73	0.5%								
K2O	6766453	3.20	3.21	0.3%	6766473	3.31	3.29	0.5%								
MgO	6766453	3.62	3.63	0.3%	6766473	2.69	2.69	0.1%								
MnO	6766453	0.23	0.23	0.4%	6766473	0.07	0.07	2.8%								
Na2O	6766453	2.30	2.29	0.6%	6766473	4.54	4.52	0.4%								
P2O5	6766453	0.21	0.20	3.0%	6766473	0.14	0.13	3.8%								
SiO2	6766453	58.8	59.1	0.5%	6766473	67.7	67.5	0.4%								

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CANADA L4Z 1N9
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PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

TiO2	6766453	0.73	0.72	0.8%	6766473	0.49	0.50	1%								
SrO	6766453	0.03	0.03	0.0%	6766473	<0.01	<0.01	0%								
V2O5	6766453	0.03	0.03	0.0%	6766473	<0.01	<0.01	0%								

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	6766453	0.004	0.003	28.6%	6766477	0.002	0.001		6766498	0.005	0.003					

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PROJECT:

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(201-070) 4 Acid Digest - Metals Package, ICP-OES finish

	CRM #1 (ref.GS6D)				CRM #2 (ref.CDN-ME-1304)				CRM #3 (ref.1P5K)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ag					34	35	104%	90% - 110%								
Al	6.96	7.54	108%	90% - 110%					6.96	7.18	103%	90% - 110%				
As	124	118	95%	90% - 110%					124	114	92%	90% - 110%				
Ba	186	203	109%	90% - 110%					186	191	103%	90% - 110%				
Ca	4.01	4.41	110%	90% - 110%					4.01	4.35	108%	90% - 110%				
Ce	24	23	95%	90% - 110%					24	22	94%	90% - 110%				
Co	22.1	20.8	94%	90% - 110%					22.1	20.5	93%	90% - 110%				
Cu	88.6	90.6	102%	90% - 110%	2680	2692	100%	90% - 110%	88.6	86.7	98%	90% - 110%				
Fe	7.56	8.18	108%	90% - 110%					7.56	7.73	102%	90% - 110%				
K	2.021	2.137	106%	90% - 110%												
Mg	2.412	2.637	109%	90% - 110%					2.412	2.513	104%	90% - 110%				
Mn	1510	1635	108%	90% - 110%					1510	1523	101%	90% - 110%				
Na	0.617	0.651	106%	90% - 110%					0.617	0.605	98%	90% - 110%				
Ni	77.1	80	104%	90% - 110%					77.1	79.5	103%	90% - 110%				
P	892	886	99%	90% - 110%					892	941	105%	90% - 110%				
Pb					2580	2682	104%	90% - 110%								
S	0.348	0.36	104%	90% - 110%					0.348	0.372	107%	90% - 110%				
Sr	92.8	99.8	108%	90% - 110%					92.8	94	101%	90% - 110%				
Zn	208	210	101%	90% - 110%	2200	2229	101%	90% - 110%	208	214	103%	90% - 110%				

(201-078) Borate Fusion - Lithogeochemistry Analysis, ICP-MS finish

	CRM #1 (ref.SY-4)				CRM #2 (ref.SY-4)				CRM #3 (ref.SY-4)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ba	340	343	101%	90% - 110%	340	308	90%	90% - 110%	340	326	96%	90% - 110%				
Ce	122	120	99%	90% - 110%	122	113	92%	90% - 110%	122	113	93%	90% - 110%				
Co	2.8	2.7	95%	90% - 110%	2.8	2.3	82%	90% - 110%	2.8	2.4	86%	90% - 110%				
Cr					12	14	119%	90% - 110%	12	14	118%	90% - 110%				
Dy	18.2	17	94%	90% - 110%	18.2	16.8	92%	90% - 110%	18.2	17.1	93%	90% - 110%				
Er	14.2	14	99%	90% - 110%	14.2	13	92%	90% - 110%	14.2	13.5	95%	90% - 110%				
Eu	2	2	102%	90% - 110%	2	2	99%	90% - 110%	2	2	96%	90% - 110%				
Ga	35	36	104%	90% - 110%	35	32	91%	90% - 110%	35	35	100%	90% - 110%				
Gd	14	15	107%	90% - 110%	14	15	108%	90% - 110%	14	15	106%	90% - 110%				

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ATTENTION TO: JACQUES HOULE

Hf	10.6	10.6	100%	90% - 110%	10.6	10.1	96%	90% - 110%	10.6	10.3	98%	90% - 110%				
Ho	4.3	4.2	98%	90% - 110%	4.3	3.9	91%	90% - 110%	4.3	4	93%	90% - 110%				
La	58	58	100%	90% - 110%	58	53	91%	90% - 110%	58	53	91%	90% - 110%				
Lu	2.1	2	94%	90% - 110%	2.1	2.0	95%	90% - 110%	2.1	1.9	90%	90% - 110%				
Nb	13	14	109%	90% - 110%	13	13	103%	90% - 110%	13	14	106%	90% - 110%				
Nd	57	61	106%	90% - 110%	57	59	103%	90% - 110%	57	56	99%	90% - 110%				
Ni	9	11	120%	90% - 110%	9	9	101%	90% - 110%	9	10	115%	90% - 110%				
Pb	10	12	117%	90% - 110%	10	10	103%	90% - 110%	10	11	107%	90% - 110%				
Pr	15	16	104%	90% - 110%	15	15	100%	90% - 110%	15	14	96%	90% - 110%				
Rb	55	58	105%	90% - 110%	55	52	94%	90% - 110%	55	56	101%	90% - 110%				
Sm	12.9	13.3	103%	90% - 110%	12.9	12.8	99%	90% - 110%	12.9	12.6	98%	90% - 110%				
Sr	1191	1310	109%	90% - 110%	1191	1179	99%	90% - 110%	1191	1257	106%	90% - 110%				
Ta	0.9	0.9	98%	90% - 110%	0.9	0.9	102%	90% - 110%	0.9	0.9	100%	90% - 110%				
Tb	2.6	2.7	104%	90% - 110%	2.6	2.5	98%	90% - 110%	2.6	2.5	98%	90% - 110%				
Th	1.4	1.3	91%	90% - 110%	1.4	1.3	95%	90% - 110%	1.4	1.3	90%	90% - 110%				
Tm	2.3	2.2	95%	90% - 110%	2.3	2.1	91%	90% - 110%	2.3	2.1	91%	90% - 110%				
U	0.8	0.9	115%	90% - 110%					0.8	0.9	112%	90% - 110%				
V									8	7	88%	90% - 110%				
Yb	14.8	14.5	98%	90% - 110%	14.8	13.4	90%	90% - 110%	14.8	13.5	91%	90% - 110%				
Zn	93	97	104%	90% - 110%	93	84	90%	90% - 110%	93	96	103%	90% - 110%				
Zr	517	565	109%	90% - 110%	517	518	100%	90% - 110%	517	549	106%	90% - 110%				

(201-676) Lithium Borate Fusion - Summation of Oxides, XRF finish

	CRM #1 (sy-4)				CRM #2 (ref.GSP7J)				CRM #3 (sy-4)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Al2O3	20.69	20.6	99%	90% - 110%					20.69	20.5	99%	90% - 110%				
BaO					0.04	0.04	100%	90% - 110%								
CaO	8.05	8.03	100%	90% - 110%					8.05	8.03	100%	90% - 110%				
Fe2O3	6.21	6.24	100%	90% - 110%					6.21	6.29	101%	90% - 110%				
K2O	1.66	1.66	100%	90% - 110%					1.66	1.65	100%	90% - 110%				
MgO	0.54	0.526	97%	90% - 110%					0.54	0.524	97%	90% - 110%				
MnO	0.108	0.112	103%	90% - 110%					0.108	0.106	98%	90% - 110%				
Na2O	7.1	7.17	101%	90% - 110%					7.1	7.16	101%	90% - 110%				
P2O5	0.131	0.119	91%	90% - 110%					0.131	0.120	92%	90% - 110%				
SiO2	49.9	49.4	99%	90% - 110%					49.9	49.5	99%	90% - 110%				

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AGAT WORK ORDER: 15Y998552

PROJECT:

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

ATTENTION TO: JACQUES HOULE

TiO2	0.287	0.290	101%	90% - 110%					0.287	0.285	99%	90% - 110%				
SrO	0.1408	0.142	101%	90% - 110%					0.1408	0.141	100%	90% - 110%				
(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)																
	CRM #1 (ref.GS6D)				CRM #2 (ref.GSP7J)				CRM #3 (ref.1P5K)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.09	6.4	105%	90% - 110%	0.722	0.759	105%	90% - 110%	1.44	1.52	105%	90% - 110%				

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Method Summary

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION
AGAT WORK ORDER: 15Y998552
PROJECT:
ATTENTION TO: JACQUES HOULE
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12002/12020		ICP/OES
Al	MIN-200-12002/12020		ICP/OES
As	MIN-200-12002/12020		ICP/OES
Ba	MIN-200-12002/12020		ICP/OES
Be	MIN-200-12002/12020		ICP/OES
Bi	MIN-200-12002/12020		ICP/OES
Ca	MIN-200-12002/12020		ICP/OES
Cd	MIN-200-12002/12020		ICP/OES
Ce	MIN-200-12002/12020		ICP/OES
Co	MIN-200-12002/12020		ICP/OES
Cr	MIN-200-12002/12020		ICP/OES
Cu	MIN-200-12002/12020		ICP/OES
Fe	MIN-200-12002/12020		ICP/OES
Ga	MIN-200-12002/12020		ICP/OES
In	MIN-200-12002/12020		ICP/OES
K	MIN-200-12002/12020		ICP/OES
La	MIN-200-12002/12020		ICP/OES
Li	MIN-200-12002/12020		ICP/OES
Mg	MIN-200-12002/12020		ICP/OES
Mn	MIN-200-12002/12020		ICP/OES
Mo	MIN-200-12002/12020		ICP/OES
Na	MIN-200-12002/12020		ICP/OES
Ni	MIN-200-12002/12020		ICP/OES
P	MIN-200-12002/12020		ICP/OES
Pb	MIN-200-12002/12020		ICP/OES
Rb	MIN-200-12002/12020		ICP/OES
S	MIN-200-12002/12020		ICP/OES
Sb	MIN-200-12002/12020		ICP/OES
Sc	MIN-200-12002/12020		ICP/OES
Se	MIN-200-12002/12020		ICP/OES
Sn	MIN-200-12002/12020		ICP/OES
Sr	MIN-200-12002/12020		ICP/OES
Ta	MIN-200-12002/12020		ICP/OES
Te	MIN-200-12002/12020		ICP/OES
Th	MIN-200-12002/12020		ICP/OES
Ti	MIN-200-12002/12020		ICP/OES
Tl	MIN-200-12002/12020		ICP/OES
U	MIN-200-12002/12020		ICP/OES
V	MIN-200-12002/12020		ICP/OES
W	MIN-200-12002/12020		ICP/OES
Y	MIN-200-12002/12020		ICP/OES
Zn	MIN-200-12002/12020		ICP/OES
Zr	MIN-200-12002/12020		ICP/OES
Zn-OL	MIN-200-12002/12020		ICP/OES
Ag	MIN-200-12016		ICP-MS
As	MIN-200-12016		ICP-MS
Ba	MIN-200-12016		ICP-MS
Ce	MIN-200-12016		ICP-MS

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

Method Summary

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

AGAT WORK ORDER: 15Y998552

PROJECT:

ATTENTION TO: JACQUES HOULE

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Co	MIN-200-12016		ICP-MS
Cr	MIN-200-12016		ICP-MS
Cs	MIN-200-12016		ICP-MS
Cu	MIN-200-12016		ICP-MS
Dy	MIN-200-12016		ICP-MS
Er	MIN-200-12016		ICP-MS
Eu	MIN-200-12016		ICP-MS
Ga	MIN-200-12016		ICP-MS
Gd	MIN-200-12016		ICP-MS
Hf	MIN-200-12016		ICP-MS
Ho	MIN-200-12016		ICP-MS
La	MIN-200-12016		ICP-MS
Lu	MIN-200-12016		ICP-MS
Mo	MIN-200-12016		ICP-MS
Nb	MIN-200-12016		ICP-MS
Nd	MIN-200-12016		ICP-MS
Ni	MIN-200-12016		ICP-MS
Pb	MIN-200-12016		ICP-MS
Pr	MIN-200-12016		ICP-MS
Rb	MIN-200-12016		ICP-MS
Sm	MIN-200-12016		ICP-MS
Sn	MIN-200-12016		ICP-MS
Sr	MIN-200-12016		ICP-MS
Ta	MIN-200-12016		ICP-MS
Tb	MIN-200-12016		ICP-MS
Th	MIN-200-12016		ICP-MS
Tl	MIN-200-12016		ICP-MS
Tm	MIN-200-12016		ICP-MS
U	MIN-200-12016		ICP-MS
V	MIN-200-12016		ICP-MS
W	MIN-200-12016		ICP-MS
Y	MIN-200-12016		ICP-MS
Yb	MIN-200-12016		ICP-MS
Zn	MIN-200-12016		ICP-MS
Zr	MIN-200-12016		ICP-MS
Al2O3	MIN-200-12027		XRF
BaO	MIN-200-12027		XRF
CaO	MIN-200-12027		XRF
Cr2O3	MIN-200-12027		XRF
Fe2O3	MIN-200-12027		XRF
K2O	MIN-200-12027		XRF
MgO	MIN-200-12027		XRF
MnO	MIN-200-12027		XRF
Na2O	MIN-200-12027		XRF
P2O5	MIN-200-12027		XRF
SiO2	MIN-200-12027		XRF
TiO2	MIN-200-12027		XRF
SrO	MIN-200-12027		XRF
V2O5	MIN-200-12027		XRF
LOI	MIN-200-12021		GRAVIMETRIC

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Method Summary

CLIENT NAME: JACQUES HOULE MINERAL EXPLORATION

AGAT WORK ORDER: 15Y998552

PROJECT:

ATTENTION TO: JACQUES HOULE

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Total	MIN-200-12027		CALCULATION
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

AGAT Laboratories

5623 McAdam Road
Mississauga, ON
L4Z 1N9
P: 905.501.9998 • F: 905.501.0589

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LABORATORY USE ONLY

Arrival Condition: ☑ Good ☐ Poor (complete notes) AGAT WO#: 15Y998552.

Notes: Rec @ 12pm July 22, 2015

Client Information

Company: Jacques Houle P.Eng. Mineral Exploration Consulting
Name: Jacques Houle
Address: 6552 Peregrine Road, Nanaimo, BC V9V 1P8
Phone: 250-390-3930 AGAT Quotation #: 69061nm
Fax: Client Project #:

Invoice To Same: Yes ☑ No ☐

Company:
Name:
Address:
Phone: Fax:
PO#:

Report To

Name: Jacques Houle
Email: jhoule06@shaw.ca

Name:
Email:

Turnaround Time Required (TAT)

Regular TAT ☑
Rush TAT (Specify Below) ☐

Rush surcharges may apply

Material Matter

Drill Core ☐ Pulp ☐
Rock ☑ Water ☐
Till/Soil/Silt ☐ Other (Specify Below) ☐
Concentrate ☐

Sample Preparation

☐ No Prep Required - Run as Received
☑ AGAT Sample Prep Code 211-001
☐ Other

Analysis

SAMPLE SEQUENCE NUMBER FROM	SAMPLE SEQUENCE NUMBER TO	QUANTITY	AGAT MINING ANALYSIS METHOD
E5124262		1	201676, 201078, 201070 202052
E5124760	E5124777	18	201676, 201078, 201070 202052
E5125210	E5125241	32	201676, 201078, 201070 202052
E5124711		1	202052, 201070, 201072 (if required)

Special Instructions:

Samples Relinquished by (print name and sign): Jacques Houle — Date/Time: July 20, 2015

Samples Received by (print name and sign): — Date/Time:

Sample Storage: (Pulp and Reject Material Handling upon Analysis Completion)

Return to Client ☐ Store Reject for 90 days (and return to client) ☐
Discard Material ☑ Store Pulp for 90 days (and return to client) ☐
Store beyond 90 days (Storage fees apply) ☐

Courier

Print Name

Date

Page ____ of ____

2015 Jasper Assessment Report

Appendix 3 – Tenure Data

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geological, Geochemical

TOTAL COST: $48,120.20

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

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-8-231 **YEAR OF WORK:** 2015

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5565439 / August 7, 2015; 5571456 / September 22, 2015

PROPERTY NAME: Jasper

CLAIM NAME(S) (on which the work was done): 546913

COMMODITIES SOUGHT: Cu, Pb, Zn, Ag, Au, Mo

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092C080-Jasper, 092C081-Tam, 092C088-Pan, 092C037-Avallin

MINING DIVISION: Victoria **NTS/BCGS:** 092C15E / 092C088

LATITUDE: 48 ° 50 ' 12 " **LONGITUDE:** 124 ° 35 ' 03 " **(at centre of work)**

OWNER(S):

1) Nitinat Minerals Corporation 2)

MAILING ADDRESS:

70 York Street, Suite 1710
Toronto, Ontario, M5J 1S9

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

1) Nitinat Minerals Corporation 2)

MAILING ADDRESS:

70 York Street, Suite 1710
Toronto, Ontario, M5J 1S9

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

intermediate volcanics, felsic volcanics, mafic volcanics, basalt, andesite, basaltic andesite, dacite, rhyodacite, lapilli tuff, crystal tuff, massive, breccia, granodiorite, quartz diorite, stocks, Triassic, Jurassic, volcanogenic massive sulphides, epithermal veins, quartz-calcite-sulphide veins, fiammi, flow banding, shearing, foliation, silica, calcite, chlorite, epidote, hematite, magnetite, pyrite, chalcopyrite, sphalerite, galena

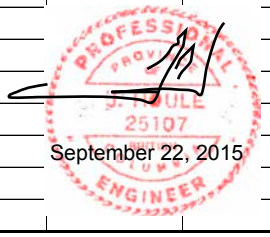
REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 642, 3025, 3649, 3671, 5857, 5965, 10388, 11196, 12260, 12530, 13916, 16700, 16813, 17105, 24232, 25863, 26467, 27088, 27322, 27657, 29659, 30452, 31908, 32906

Next Page

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	300 hectares @ 1:2,000 scale	546913	$21,769.51
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	52 samples for Multi-element Geochem. + Gold	546913	$1,166.03
Other	51 samples for Whole Rock Lithogeochemistry	546913	$3,392.97
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	54 rock samples taken	546913	$21,769.51
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other	Sample shipment to laboratory by bus		$82.18
		TOTAL COST:	$48,180.20

Jasper Property 2015 Assessment Cost Report

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	**Field Days (list actual days)**	**Days**	**Rate**	**Subtotal***	
Jacques Houle / Geologist & Leader	1-Jun-2015, 7 to 17-Jul-2015	11.3	$756.00	$8,542.80	
Paul Metcalfe / Geologist	7-Jul-2015 to 17-Jul-2015 inclusive	11	$840.00	$9,240.00	
Marie Brannstrom / Jr. Geologist	7-Jul-2015 to 17-Jul-2015 inclusive	11	$420.00	$4,620.00	
Derek McLelland / Geology Student	7-Jul-2015 to 17-Jul-2015 inclusive	11	$315.00	$3,465.00	
				$25,867.80	**$25,867.80**
Office Studies	**List Personnel (note - Office only, do not include field days**				
General research	Jacques Houle - Apr-Jul-2015	4.1	$756.00	$3,099.60	
Report preparation	Jacques Houle -Aug-Sep-2015	6.0	$756.00	$4,536.00	
				$7,635.60	**$7,635.60**
Ground Exploration Surveys	**Area in Hectares/List Personnel**				
Geological mapping	300 hectares @ 1:2,000 scale / Houle, Metcalfe, Brannstrom, McLelland				
				$0.00	**$0.00**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Rock	Base Metals 4A + Au by AGAT Labs	52.0	$22.42	$1,166.03	
Whole rock	XRF + Lithogeochem by AGAT Labs	51.0	$66.53	$3,392.97	
				$4,559.00	**$4,559.00**
Transportation		**No.**	**Rate**	**Subtotal**	
truck rental / Houle Chev 4x4	1-Jun-2015, 7-17 incl., 20-Jul-2015	37.0	$37.80	$1,398.60	
truck rental / Palatine Ford 4x4	7-Jul-2015 and 17-Jul-2015	2.0	$37.80	$75.60	
car rental / McLelland	7-Jul-2015 and 17-Jul-2015	4.0	$18.00	$72.00	
ferry to/from Gabriola Is - Nanaimo	7-Jul-2015 and 17-Jul-2015	1.0	$29.60	$29.60	
				$1,575.80	**$1,575.80**
Accommodation & Food	**Rates per day**				
House and Food in Lake Cowichan	4 @ 10 days @ $126 / person-day	40.0	$126.00	$5,040.00	
				$5,040.00	**$5,040.00**
Miscellaneous					
Worksafe BC Fees for 3 Contractors	Houle Worksafe BC Account	$16,500.00	$0.013	$214.50	
Bank Fees for Wire Transfer	Houle CIBC Bank Account	$15.00	$1.00	$15.00	
				$229.50	**$229.50**
Equipment Rentals					
Field Equipment and Supplies	Houle GPS', radios, field tools for 4	30.4	$75.60	$2,298.24	
Office Equipment and Supplies	Houle computer, software, supplies	11.8	$75.60	$892.08	
				$3,190.32	**$3,190.32**
Freight, rock samples					
52 rock samples via Greyhound BPX Nanaimo - AGAT Labs, Burnaby 20-Jul-2015			$82.18	$82.18	
				$82.18	**$82.18**
TOTAL Expenditures					**$48,180.20**
Expenditures Apr-Jul	SOW 565439 August 7 2015				$38,548.44
Expenditures Aug-Sep	SOW 557145 September 22 2015				$9,631.76



September 22, 2015