Magnetic/VLF-EM/Geochemical Survey on the North Rim Property

Omineca Mining Division British Columbia
NTS 093E11

UTM Zone 9, NAD 83
5946200N 614600E

For

Owner/Operator:
St. Elias Mines

By

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3.0 SUMMARY

This report describes a program of exploration undertaken during August 2012 on the North Rim Property, 100% owned and operated by St. Elias Mines Ltd.

The North Rim property is prospective for shear hosted gold-silver-molybdenum-copper mineralization. The property consists of 26 contiguous claim blocks that covers early stage structurally controlled gold bearing polymetallic vein occurrences identified in the BC Ministry of Mines (BCMEM) Minfile database as the CAPITAN past producer (Minfile No. 093E035). The claims are located in the Tahtsa Lake-White Sail Lake Exploration District approximately 5 kilometers southwest of the Huckleberry Mine.

The North Rim Property is situated south of Tahtsa Lake, north of Troitsa Lake, covering Swing Peak, Mount Carl Borden, Mount Baptiste. Present access is by helicopter from Smithers, Houston or Burns Lake. It is approximately 0.7 and 0.9 hours to the property by helicopter from Houston and Smithers, respectively. A forest service road (Morice-Tahtsa Forest Service Road) from Houston can be driven to the north side of the Tahtsa Lake a few hundred meters from the north side of the property.

In 2012 St. Elias Mines carried out an exploration program consisting of a geological review of the Tahtsa Lake to White Sail Lake Exploration District, a GIS compilation of all historic technical data within and adjoining the North Rim Property, a Magnetic and VLF-EM survey, and a soil geochemical survey. A total of 350 soil samples were collected and analyzed by a portable XRF during the 2012 exploration program.

In 2012 St. Elias Mines carried out an exploration program with a Mag and VLF geophysical survey over three areas (North Ridge, South Ridge, and East Kate) on their North Rim property. A soil survey over the North Ridge Zone and prospecting in all the geophysical survey zones was also carried out. The geophysical survey in North Ridge Zone consisted of 11 line km's covering an area of 0.547km^2. The geophysical survey in the Capitan Zone consisted of 2.2 line km's covering an area of 0.14km^2. The geophysical survey in the East Kate Zone consisted of 10.8 line km's covering and area 0.5781 km^2. A total of 12 rock samples and 350 soil samples were collected during the 2012 exploration program.

Rock samples were collected in the North Ridge and South Ridge areas of the North Rim property. Samples will be submitted for analysis and reported in another report. The Upper Capitan adit was located and sampled. Rocks sampled from the North Ridge were limited to altered volcanic rocks showing varying degrees of iron oxidation and silicification.

Soil samples from the north slope of the north ridge were not successful in identifying base metal anomalies in soil by XRF analyses.

The VLF geophysical survey carried out on the North Ridge Zone was not successful in identifying any conductors of any significance.

The Mag geophysical survey carried out on the North Ridge Zone shows a northwest-southeast trending mag high with a mag low to the northeast. Prospecting over the area shows that area is underlain by strongly altered andesite ash/crystal tuff. Alteration is composed of varying degrees of limonite, iron oxidation and silicification.

The Mag geophysical survey carried out on the Capitan Zone did not cover a significant area due to the limited time on the property and the roughness of the terrain. There is some overlap between this geophysical survey and the one carried out in ARIS 10261.

The Mag geophysical survey carried out on the East Kate Zone shows a Mag high in the north part of the grid and a gradual decrease in the magnetic field to the south. The magnetic data also shows strong mag lows coincident with creeks.

In the authors opinion based on the results of the 2012 exploration program the North Rim property further exploration is required in the North and South Ridge Zones. The source of the pervasively altered pyritic zones needs to be traced to outcrop. The North Rim property still requires a mag survey over 90% of claim group.

4.0 Property Description and Location

4.1 Property Description and Location

St. Elias Mines holds a 100% interest in 26 contiguous mineral tenures (11,468.71 hectares) that cover a staircase shaped square of ground located approximately 5 kilometers southwest of Huckleberry Mine in west central BC. All of the claims which comprise the North Rim Property were staked pursuant to the BC Ministry of Energy and Mines MTO system (Mineral Titles Online System). Based on the acceptance of this report the expiry date of the North Rim claim package is September 15, 2013. The location of the property relative to other mining claims, local communities, parks and access roads is shown in Figure 1 and 4. The individual claim tenure numbers are shown in Figure 3. The South Rim property is located within the NTS Mapsheet 93E11 (1:50,000), and BCGS Mapsheet 93E064 (1:20,000).

The mineral cell title claim statistics are summarized in Table 1; note that this claim information is not a legal title opinion but is a compilation of claims data based on the author's review of the government of the British Columbia Mineral Rights inquiry website (BC Mineral Titles December 02, 2012). The mineral claims do not have to be legally surveyed; since they are BC Government established mineral cell title claim.

Table 1. Mineral Tenures for the North Rim Property

Tenure Number	Tenure Name	Owner	Tenure Type	Old Good To Date	New Good To Date*	Area (ha)
857020	LOU BOO	St. Elias Mines	Mineral	2012/sep/12	2013/sep/15*	191.71
896259		St. Elias Mines	Mineral	2012/sep/8	2013/sep/15*	460.25
896262		St. Elias Mines	Mineral	2012/sep/8	2013/sep/15*	422.04
896265		St. Elias Mines	Mineral	2012/sep/8	2013/sep/15*	460.43
896267		St. Elias Mines	Mineral	2012/sep/8	2013/sep/15*	460.43
896269		St. Elias Mines	Mineral	2012/sep/8	2013/sep/15*	460.67
896270		St. Elias Mines	Mineral	2012/sep/8	2013/sep/15*	460.43
896271		St. Elias Mines	Mineral	2012/sep/8	2013/sep/15*	460.26
896272		St. Elias Mines	Mineral	2012/sep/8	2013/sep/15*	479.72
896273		St. Elias Mines	Mineral	2012/sep/8	2013/sep/15*	479.46
896274		St. Elias Mines	Mineral	2012/sep/8	2013/sep/15*	402.92
896276		St. Elias Mines	Mineral	2012/sep/8	2013/sep/15*	460.25
896311		St. Elias Mines	Mineral	2012/sep9	2013/sep/15*	478.99
896315		St. Elias Mines	Mineral	2012/sep9	2013/sep/15*	459.76
896319		St. Elias Mines	Mineral	2012/sep9	2013/sep/15*	479.27
896320		St. Elias Mines	Mineral	2012/sep9	2013/sep/15*	459.76
896323		St. Elias Mines	Mineral	2012/sep9	2013/sep/15*	479.10
896330		St. Elias Mines	Mineral	2012/sep9	2013/sep/15*	479.16
896332		St. Elias Mines	Mineral	2012/sep9	2013/sep/15*	479.81
896333		St. Elias Mines	Mineral	2012/sep9	2013/sep/15*	479.29
896335		St. Elias Mines	Mineral	2012/sep9	2013/sep/15*	441.55

Table 1. Contunued…

Tenure Number	Tenure Name	Owner	Tenure Type	Old Good To Date	New Good To Date*	Area (ha)
896336		St. Elias Mines	Mineral	2012/sep9	2013/sep/15*	479.93
896338		St. Elias Mines	Mineral	2012/sep9	2013/sep/15*	441.54
896339		St. Elias Mines	Mineral	2012/sep9	2013/sep/15*	460.53
923189		St. Elias Mines	Mineral	2012/oct/25	2013/sep/15*	479.08
924249		St. Elias Mines	Mineral	2012/oct/25	2013/sep/15*	172.37
					Total Area	11468.71

*With the acceptance of this report

5.0 Accessibility, Infrastructure, Climate and Physiography

5.1 Accessibility and Infrastructure

The North Rim Property is situated south of Tahtsa Lake, north of Troitsa Lake, covering Swing Peak, Mount Carl Borden, Mount Baptiste. Present access is by helicopter from Smithers, Houston or Burns Lake. It is approximately 0.7 and 0.9 hours to the property by helicopter from Houston and Smithers, respectively.

The Morice-Tahtsa forest service road (Huckelberry Mine road) leads to a suitable gravel pit/staging area, a few hundred meters from the north side of the property. Driving time from Houston to the Huckleberry staging area is approximately 1.5 hours. Alternatively, turn off on the the Tahtsa Reach road at kilometer 89 of the Morice-Tahtsa forest service road (Huckelberry Mine road). At the end of this road there is a forestry camp and a private barge that can take trucks and equipment to the south side Tahtsa Reach. From the south side of the Tahtsa Reach a forest service road goes west to Kasalka Creek.

Experienced field personnel and drilling contractors are available in the community of Smithers.

5.2 Climate and Physiography

The North Rim property extends south from Tahtsa Lake and covers ground rising from 860 metres to about 2,100 metres above sea-level. The claims continue, to the south, to the northwestern shore of Troitsa Lake at about 910m elevation above sea level. The topography varies from mountainous in the central claims area to flat in the valley bottoms. Several lakes and streams on the property carry adequate amounts of water for exploration and mining. Mature balsam and hemlock cover much of the lower elevations of the property while the upper elevations are sparsely covered by subalpine scrub. Snow is present on the property from mid-October until about early-June.

6.0 History of Exploration

6.1 Exploration carried out by Tahtsa Mines (ARIS: 10261)

During the 1981 field season Tahtsa Mines consultants concentrated on geological mapping in the area of the Capitan adits (located on the north side of the south ridge) and the north and south ridges. Shear and vein zones were discovered on the south side of the north ridge suggesting through going mineralized structures which may transect the south ridge. Silver, lead and zinc mineralization is limited to these shear zones. Width of sulfide veins seldom exceeds 5 cm; rare pods may be found which approach 15 to 20 cm in width. Strike continuity of sulfide veins within the shear zones seldom exceeds 10 meters. It was found that the wide zones of alteration and shearing around the sulfide veins did not contain low-grade silver mineralization. Zones of intense silicification or argillic alteration were mapped and sampled as were ferricrete or intensely limontized zones. No significant base or precious metal assays were discovered. A zone at least 400 meters in one dimension (North-South) was discovered on the north side of the north ridge which contains a weak pyritized stockwork of veins and fractures. This zone presents the possibility of a sulfide halo near a copper or molybdenum porphyry. Rock geochemistry of this zone did not contain significant metallic assays. Nevertheless, Tahtsa Mines was encouraged by the zinc and silver values in soil and stream sediment geochemistry from this general area.

Tahtsa Mines claim outline with respect to the North Rim property is shown in Figure 5. Tahtsa Mines maps have been georeferenced and sample locations have been plotted in Figure 6. A summary of work done by Tahtsa Mines on ground currently covered by the North Rim property is provided in Table 2.

Table 2. Summary of Work Carried out by Tahtsa Mines

Owner/Property	Geochemistry	Geophysics	Trenching	Drilling	Reference
Tahtsa Mines	85 soils/stream 37 rocks	Ground" Mag 7.2 km			Goldsmith & Kallock, (1981) ARIS: 10261

6.2 Exploration carried out by Triple Star Resources (ARIS: 16356)

In 1986, Triple Star Resources acquired the ground thought to be of interest by Tahtsa Mines on the north side of the north ridge. Triple star resources completed a soil grid covering 16 line km over an area of 1.5 km^2. Encouraging Cu, Pb, Zn and Ag assays resulted in a multielement-in-soil anomaly.

Triple Star Resources claim outline with respect to the North Rim property is shown in Figure 5. Triple Star Resources maps have been georeferenced and sample locations have been plotted in Figure 6. A summary of work done by Triple Star Resources on ground currently covered by the North Rim property is provided in Table 3.

Table 3. Summary of Work Carried out by Nuspar Resources

Owner/Property	Geochemistry	Geophysics	Trenching	Drilling	Reference
Triple Strar Resources Cole Property	635 soils				Goldsmith & Kallock, (1981) ARIS: 16356

6.3 Exploration carried out by Equity Silver Mines (ARIS: 17314)

In 1988 the Equity Silver Mines staked the WING claims to cover the drainage area of two creeks that were found to contain high multi-element concentrations in sediment samples. Reconnaissance soil sampling lines and prospecting traverses were conducted during the present study to target areas for more intensive exploration. No areas of interest were identified by 69 reconnaissance soil samples. Inc. During 1987, Mine Quest Exploration Associates Ltd. performed preliminary geological mapping, rock chip sampling and soil sampling. A further five mineralized showings were discovered. These include the Amethyst, Main Creek, Northwest, V.P. and West Side showings. Gold values range from trace to 24,000 ppb across 1 metre (Chalco Showing, L.J.Lee, 1987). Significant silver values (25.6 ppm in float) as well as anomalous values of As, Sb, Bi, Se, and Te have been detected. At the West Side Showing, while neither gold or silver were anomalous, values of up to 1,500 ppb Hg and 5,723 ppm As, with anomalous Sb, Se and Te were reported (L.J.Lee, 1987).

Equity Silver Mines claim outline with respect to the North Rim property is shown in Figure 5. Equity Silver Mines maps have been georeferenced and sample locations have been plotted in Figure 6. A summary of work done by Equity Silver Mines on ground currently covered by the North Rim property is provided in Table 4.

Table 4. Summary of Work Carried out by QPX Resources

Owner/Property	Geochemistry	Geophysics	Trenching	Drilling	Reference
Equity Silver	69 soils				Hanson (1988) ARIS: 17314

7.0 Geological Setting

Regional mapping of the Whitesail area by Duffell (1959), Hodder and MacIntyre (1980), MacIntyre (1985), Tipper et al. (1979) and Woodsworth (1980) shows that the area of interest lies within the Intermontane Tectonic Belt along the eastern margin of the Coast Plutonic Complex. Lower Jurassic volcanics and interbedded sediments of the Hazelton Group predominate to the east of this complex. Overlying the Hazelton volcanics are epiclastic rocks of the Upper Jurassic Ashman Formation and the Lower Cretaceous Skeena Group. These are in turn overlain by the Upper Cretaceous volcanic rocks of the Kasalka Group. Finally, Tertiary volcanism deposited the siliceous volcanic rocks of the Ootsa Lake Group and the basalts of the Endako Group. Intrusive rocks, ranging in composition from granites to gabbros, are also present in the area. These intrusives vary in age from Tertiary to possible as old as Paleozoic (Figure 2).

Richards (1984) and Woodsworth (1980) have mapped a resurgent caldera, at least 20 km in diameter, beneath the North Rim claims. The collapsed caldera center consists of Kasalka and Skeena Group rocks, with a number of intrusions. Several potentially economic mineral deposits occur in association with small granodiorite stocks which may be located at the intersection of ring and radial fractures related to the caldera formation (Hodder and MacIntyre, 1980). It appears that a section of the caldera ring fractures zone underlies the North Rim property. The area of interest is also cut by a series of north to north-easterly trending faults (Figure 2B & C).

7.1 Property Scale Geology (1:150,000)

Mapping on the North Rim Property at scale of 1:150,000 has shown that the area is primarily underlain by the sedimentary rocks of the Skeena Group and the volcanic rocks of the Kasalka Group with minor contributions from sedimentary rocks of the Bowser Lake Group, Telkwa Formation rocks of the Hazelton Group, and volcanic rocks of the Skeena Group (Figure 2B).

Below is a description of the rocks found within the North Rim property as shown by Figure 2B:

KASALKA GROUP

uKK - Predominantly hornblende-bearing andesite porphyry lava flows and related lahars, minor aphanitic andesite (ca. 80-93 Ma); regionally extensive reddish oxidized polymictic cobble-boulder conglomerate marks the base of the Kasalka Group; the youngest dated strata (ca. 68-71 Ma) consist of widely scattered rhyolite flows east of Mt. Ney, and debris flows with thin interbeds of andesitic flows and crystal-ash tuff containing hornblende and biotite that crop out along the west-facing slope of the Whitesail Range; co-magmatic with copper-bearing epizonal stocks and smaller hypabyssal intrusions comprising unit LKB.

SKEENA GROUP

IKS - Grey sandstone and siltstone containing diagnostic mica grains, black argillite, arkosic arenite, minor chert pebble conglomerate, volcanic boulder conglomerate near Lindquist Lake; contains rare middle Albian macrofossils.

IKSn - Mount Ney volcanics: Basalt lava flows, dark green to black, fine grained felty plagioclase with pyroxene phenocrysts and amygdaloidal textures, rare pillowed flows south of Smoke Mountain, depositionally underlies

unit lKS. Unconformably overlies unit mJHS immediately above a polymictic boulder conglomerate near Sias Mountain and west of Coles Lake.

BOWSER LAKE GROUP
muJB - Black siltstone and shale with relatively scarce feldspathic siltstone-sandstone interbeds; recessive, well bedded character.

HAZELTON GROUP
IJHT - Andesitic brick red-maroon grading to green air-fall tuffs alternate with areally extensive basalt and basaltic andesite flows and less voluminous rhyodacite to rhyolite flows and related tuffs and breccias; the intermediate tuffs are composed typically of dark green to red aphanitic lapilli that commonly grade into finer ash tuffs, regionally extensive multiple accretionary lapilli tuff layers; the mafic flows are generally aphanitic with locally prominent amygdaloidal and porphyritic textures and commonly contain sparse vitreous pyroxene; a rare grey limestone with or without chert up to 30 metres thick occurs apparently low down in Jurassic stratigraphy northeast of Hanging Glacier Mountain, west of Morice Lake; fluviatile mudstone, volcanic sandstone interlayered with basal polymictic conglomerate containing volcanic, chert, granitoid and fossiliferous Lower Permian limestone clasts disconformably overlie Upper Triassic strata west of Seel Lake; volcanic exposures are typically crudely layered very thick beds; U-Pb zircon dates on rhyolitic rocks (ca. 186 to 189 Ma) indicate a Pleinsbachian age for the oldest dated Jurassic subaerial arc volcanic events in the Whitesail Lake area. Older Jurassic magmatic episodes are inferred from a circa 199 Ma crystallization age for the Morice pluton, unit EJm.

7.2 Property Scale Geology (1:50,000)

Mapping on the North Rim Property at scale of 1:50,000 has shown that the area is primarily underlain by the sedimentary rocks of the Skeena Group and the volcanic rocks of the Kasalka Group with minor contributions from sedimentary rocks of the Bowser Lake Group, Telkwa Formation rocks of the Hazelton Group, and volcanic rocks of the Skeena Group (Figure 2C).

Below is a description of the rocks found within the North Rim property as shown by Figure 2C:

KASALKA GROUP
uKTb – Basalt Unit: Columnar-jointed basalt flows.
uKl – Lahar Unit: Stratified boulder and pebble conglomerate, chaotic breccia, minor volcanic sandstone and mudstone, minor porphyritic.
uKp – Porphyritic Andesite Unit: Columnar-jointed greenish grey, fine to corase grained porphyritic augite-hornblende andesite flows.
luKf – Felsic Fragmental Unit: Interbedded rhyolitic to andesitic lapilli tuff, ash flow tuff, crystal tuff, breccia, pebble conglomerate, porphyritic andesite and dacite flows.
luKc – Basal pebble conglomerate unit: red polymictic pebble conglomerate, minor red sandstone

SKEENA GROUP
IKs – Marine Sedimentary Unit: Interbedded argillite and micaceous lithic wack, minor granule conglomerate.

IKv – Amygdaloidal Basalt Unit: Columnar-jointed, spilitized, amygdaloidal basalt flows, minor flow top breccias.

BOWSER LAKE GROUP
mJs – Marine Sedimentary Unit: Lithic and feldspathic wacke

HAZELTON GROUP
IJf – Andesitic Fragmental Unit: Thin to thick-bedded, red to green lapilli, lithic, crystal, and ash tuf, tuff breccia, agglomerate, accretionary cherty tuff, porphyritic andesite flows

9.0 2012 Exploration Program

9.1 Summary of exploration work carried out in 2012

In 2012 St. Elias Mines carried out an exploration program with a Mag and VLF geophysical survey over three areas (North Ridge, South Ridge, and East Kate) on their North Rim property (Figure 7). A soil survey over the North Ridge Zone and prospecting in all the geophysical survey zones was also carried out. The geophysical survey in North Ridge Zone consisted of 11 line km's covering an area of 0.547km^2. The geophysical survey in the Capitan Zone consisted of 2.2 line km's covering an area of 0.14km^2. The geophysical survey in the East Kate Zone consisted of 10.8 line km's covering and area 0.5781 km^2. A total of 12 rock samples and 350 soil samples were collected during the 2012 exploration program.

The Mag and VLF geophysical survey were designed to determine if either geophysical method would respond over strike projections of known mineral showings referred to as "Capitan" from the South Ridge. The location of each geophysical survey station, soil and rock sample station was noted, in UTM coordinates (NAD83 zone 9), with the aid of a hand-held GPS (Garmin 60CSx) and are shown in Figures 8, 9, 10, 11, 12, 13, 14, 15, 16 and 17 they are also listed in Appendix 2, 3, 4, 5 and 6.

9.2 Mag and VLF Geophysical Survey

Grid Information

The North Rim geophysical survey consisted of three grids given the names "North Ridge Zone", "Capitan Zone" and "East Kate Zone" (Figure 7). The North Ridge Zone grid consisted of 11 east-west lines. Line and station labels for the grid were based on UTM positions of the stations. The lines were spaced at 50m and were labeled from 5,945,950 to 5,946,450, each 1.0km long. Stations were spaced at 25m and were not marked or flagged. The Capitan Zone grid consisted of 2 east-west lines. Line and station labels for the grid were based on UTM positions of the stations. The lines were spaced at 50m and were labeled from 5,945,250 to 5,945,300 each 1.0km long. Stations were spaced at 25m and were not marked or flagged. The East Kate Zone grid consisted of 7 north-south lines. Line and station labels for the grid were based on UTM positions of the stations. The lines were spaced 50m and were labeled from 609,000 to 610,100 each 1.5 km long.

Station location in the field was determined by going to a waypoint using a Garmin 62CSX GPS. Waypoints for each survey station were preloaded into the GPS and accuracy ranged from +/-3 to +/-10m.

Survey Parameters and Instrumentation

The magnetic survey utilized a stationary base unit to record the magnetic field to allow for the removal of the diurnal variation in the measured data. The base station recorded data at 3 second intervals. The mobile units recorded the total magnetic field every 25m alone the grid line traverses. Calibration measurements were taken by the mobile units at the start and end of each day to account for level shifts between the different instruments and to get a sense of the error in the data. The physical location of the base station and the calibration station are 619913E/5933641N and 619922E/5933653N, respectively.

Geophysical Techniques – Magnetic Survey Method

Magnetic intensity measurments are taken along survey traverses and are used to identify metallic mineralization related to magnetic material in the ground (e.g., magnetite and/or pyrrhotite). Magnetic data are also used as a mapping tool to distinguish rock types and to identify faults, bedding, structure and alteration zones. Line and station intervals are usually determined by the size and depth of the exploration targets.

The magnetic field has both an amplitude and a direction the instrument used in the survey measures both components. The most common technique used in mineral exploration is to measure just the amplitude component using an overhauser magnetometer. The instrument digitally records the survey line, station, total magnetic field and time of day at each station. After each day of surveying, data are downloaded to a computer for archiving and further processing.

The earth's magnetic field is continually changing (diurnal variations) so field measurements are calibrated to these variations. The most accurate technique is to establish a stationary base station magnetometer to continually monitor and record the magnetic field over the course of a day. The base station and field magnetometers are synchronized on the basis of time and computer software is used to correct the field data for the diurnal variations.

Geophysical Techniques – VLF-EM Method

The VLF-EM method uses powerful radio transmitters set up in different parts of the world for military communication. In radio communications terminology, VLF-EM stands for very low frequency, about 15 to 25 kHz. This is actually very high relative to frequencies generally used in geophysical exploration. The VLF-EM survey used two frequencies, Seattle (24.8 kHz) and Hawaii (21.4 kHz).

The signals from these powerful radio transmitters induce electric currents in conductive bodies thousands of miles away. Induced currents produce secondary magnetic fields which can be detected at surface as deviations of the normal VLF-EM field.

Successful use of VLF-EM requires that the strike of the conductor be in the direction of the VLF-EM station so that the lines of magnetic field from the VLF-EM signal cut the conductor at close to right angles. The secondary field (from the conductor) is added to the primary field (or any component) and the phase between any two components. The tilt angle is sometimes referred to as the in phase component. The phase difference is sometimes referred to as the out of phase or quadrature component.

Interpretation is quite simple and usually conducted on profile plots that compare the component data to the horizontal locations along the survey line. A conductor will be located at the inflection point marking the crossover from positive tilt to negative tilt and the maximum in field strength. One cannot make reliable estimates of conductor quality. A rule of thumb depth estimates can be made from the distance between the positive and negative peaks in the tilt angle profile.

The most common data processing technique is called Fraser Filtering. This filter operator smoothes the data and applies a phase shift such that a peak is situated above the conductive target, rather than a zero crossing. The formula for the Fraser filter operator is:

$$F(n+2.5) = (Data\ (n) + Data(n+1)) - (Data\ (n+2) + Data(n+3))$$

The major disadvantage of the VLF-EM method is that the high frequencies result in a multitude of anomalies from unwanted sources such as swamp edges, creeks and topographic highs. It also has very limited depth penetration and the operator has no control over the transmitted signal. It could be off when you want to use it or it may be impossible to get a powerful enough VLF-EM transmitter to be near the expected strike of the target conductor. One way to compensate for this later problem is with the use of portable VLF-EM transmitters. These units have limited power and therefore limited range, but can be positioned to provide optimum geometry for localized surveys.

The major advantages of the VLF-EM method are that it is relatively inexpensive, fast and can be a useful prospecting tool. The tendency for VLF-EM to respond to poor conductors aids in the mapping of faults and rock contacts.

Data Processing – Acquisition and Quality Assurance Measures

On each day of surveying, geophysical and location information was dumped to external computers for archiving and data processing. Initial quality control of the data was completed by the survey crew at the camp and then sent to DGW Consultants Ltd. in Vancouver, BC, for final quality control, processing and mapping.

Location information measured in the field (ground distances, slopes, azimuths, and GPS control points) are imported into a database. Within the database, automatic calculations are performed to generate UTM coordinates for every survey station. A visual review can then be performed to verify the locational information.

The Magnetic data is corrected for diurnal variation using the following formula:

$$Data_{cor} = Data_{raw} - Data_{base} + Datum$$

where $Data_{cor}$ is the corrected data, $Data_{raw}$ is the raw data from the mobile magnetometer, $Data_{base}$ is the base station reading for the same time period, and Datum = 56000nT. In the final spreadsheet, suspect or poor quality points are flagged and removed. Calibration readings are verified to ensure the morning and afternoon readings are within set tolerances to determine instrumentation repeatability and noise of operator. In addition, any static shifts (differences) between multiple the instruments or even between the different days can be corrected for.

Equipment – GSM-19 Overhauser combination Magnetometer & VLF-EM

Resolution:	0.01 nT, magnetic field gradient
Accuracy:	0.2 nT over operating range
Range:	20,000 to 120,000 nT
Gradient Tolerance:	Over 10,000 nT/meter
Reading:	Initiated by keyboard depression, external trigger or carriage return via RS-232C
Input/Output:	6 Pin weatherproof connector, RS-232C, and optional analog output
Power Requirements:	12V 200 mA peak (during polarization) 30 mA standby 300 mA peak in gradiometer
Power Source:	Internal 12V, 1,9 Ah sealed lead-acid battery standard, other optional External 12V power source can be used
Battery Charger:	Input: 110/220V AC, 50/60 Hz and/or 12V DC Output: 12V dual level charging
Oper. Temperature:	-40C to 60C
Battery Voltage:	10V min. to 15V max.

9.3 Prospecting

Rock samples collected during the 2012 exploration program were not submitted for geochemical analyses. Rock descriptions are presented below and sample photos are given in Appendix 6.

Table 5.

Sample ID	East NAD83 Z9	North NAD83 Z9	Sample Description
NR1201	614698	5945010	FLOAT ADIT PORTAL
NR1202	614707	5944955	FLOAT ADIT PORTAL
NR1203	614463	5944968	CHIP 5CM GALENA VEINN IN 2M SHEAR S355D90
NR1204	613747	5944865	GOSSAN
NR1205	613745	5944863	CHIP 75CM FEOX SILICIFIED ANDESITE
NR1206	613750	5944861	SAME AS 1205
NR1207	614594	5945959	SAME AS 1205
NR1207	614578	5946021	CHIP STRONG SILICIFICATION IN 20M SHEARZONE
NR1208	614602	5946019	CHIP 5M SAME AS 1207
NR1209	614685	5946006	SELECT SAME AS 1207
NR1210	615062	5945986	SELECT GOSSAN FELDSPAR PORPHY DACITE
NR1211	614700	5946277	CHIP LIMON TUFF
NR1212	614698	5945010	CHIP LIM FEOX VOLCANIC

9.4 Soil Survey

A total of 350 soil samples were collected during the 2012 exploration program. Locations of the soil sample stations were determined by GPS and are shown in Figures 15, 16 and 17 and listed in Appendix 2. The soil samples stations cover the north slope of the North Ridge. Samples were taken from the B/C horizon and were taken from depths between 10 and 40 cm.

9.4.1 North Ridge

A total of 350 soil samples were collected from the North Ridge area during the 2012 exploration program.

Samples collected from North Ridge area were analyzed using a portable XRF (Olympus Innov-X DELTA Premium XRF). XRF analysis was used to identify pathfinder elements (Pb, Zn, Cu). The design of the program was to pre-screen samples in order to reduce the "limit of detection" pathfinder elements in soil samples submitted to an ISO 9001-2008 certified laboratory. Anomalous pathfinder element samples using the results from the XRF analysis will be submitted for analysis to an ISO laboratory and results will be reported in another report.

The sample procedure consisted of drying out the soil samples and placing them into the Portable workstation where the XRF DELTA Premium was mounted. Sample standards where analyzed every 20 samples to determine instrument drift and accuracy. XRF results are shown in Figures 16 and 17 and are given in Appendix 2.

Statistical values for Pb, Zn and Cu are presented in Table 10. Background concentrations as well as weak and strong anomaly concentration cutoffs were established using box plots using this data. Defining Q1 and Q3 to be the first and third quartile and IQR to be the interquartile range (Q3 – Q1), the background concentration cutoff is defined as: Background < Q3 + (1.5*IQR); A strong anomaly is defined as: Strong anomaly > Q3 + (3*IQR). A weak anomaly is defined as greater than the background but less than a strong anomaly.

Table 6. North Ridge: Statistical values for Pb , Zn, and Cu

	Pb (ppm)	Zn (ppm)	Cu (ppm)
Min	<5	9.7	<10
Max	27.2	137	92
Average	16.1	76.95	22.5
Median	21.5	105.9	19
Background	16.1	76.95	41.5
S. Anomaly	21.5	105.9	58

10.0 Conclusions and Recommendations

In 2012 St. Elias Mines carried out an exploration program with a Mag and VLF geophysical survey over three areas (North Ridge, South Ridge, and East Kate) on their North Rim property. A soil survey over the North Ridge Zone and prospecting in all the geophysical survey zones was also carried out. The geophysical survey in North Ridge Zone consisted of 11 line km's covering an area of 0.547km^2. The geophysical survey in the Capitan Zone consisted of 2.2 line km's covering an area of 0.14km^2. The geophysical survey in the East Kate Zone consisted of 10.8 line km's covering and area 0.5781 km^2. A total of 12 rock samples and 350 soil samples were collected during the 2012 exploration program.

Rock samples were collected in the Nort Ridge and South Ridge areas of the North Rim property. Samples will be submitted for analysis and reported in another report. The Upper Capitan adit was located and sampled. Rocks sampled from the North Ridge were limited to altered volcanic rocks showing varying degrees of iron oxidation and silicification.

Soil samples from the north slope of the north ridge were not successful in identifying base metal anomalies in soil by XRF analyses.

The VLF geophysical survey carried out on the North Ridge Zone was not successful in identifying any conductors of any significance.

The Mag geophysical survey carried out on the North Ridge Zone shows a northwest-southeast trending mag high with a mag low to the northeast. Prospecting over the area shows that area is underlain by strongly altered andesite ash/crystal tuff. Alteration is composed of varying degrees of limonite, iron oxidation and silicification.

The Mag geophysical survey carried out on the Capitan Zone did not cover a significant area due to the limited time on the property and the roughness of the terrain. There is some overlap between this geophysical survey and the one carried out in ARIS 10261.

The Mag geophysical survey carried out on the East Kate Zone shows a Mag high in the north part of the grid and a gradual decrease in the magnetic field to the south. The magnetic data also shows strong mag lows coincident with creeks.

In the authors opinion based on the results of the 2012 exploration program the North Rim property further exploration is required in the North and South Ridge Zones. The source of the pervasively altered pyritic zones needs to be traced to outcrop. The North Rim property still requires a mag survey over 90% of claim group.

11.0 Statement of Qualifications

I James G.M. Thom certify that:

1. I am an independent consulting geologist residing at 118B - west 14th ave, Vancouver BC, V5Y 1W9 and can be contacted at thomjgm@gmail.com

2. I obtained a B.Sc. in Earth and Ocean Sciences at the University of Victoria [2002] and graduated with a M.Sc. in Geology from the University of Toronto [2003].

3. I have worked in the mineral exploration industry since 1999

4. I supervised the 2012 exploration program described in this.

5. I have carried out Mag and VLF geophysical surveys since 2008

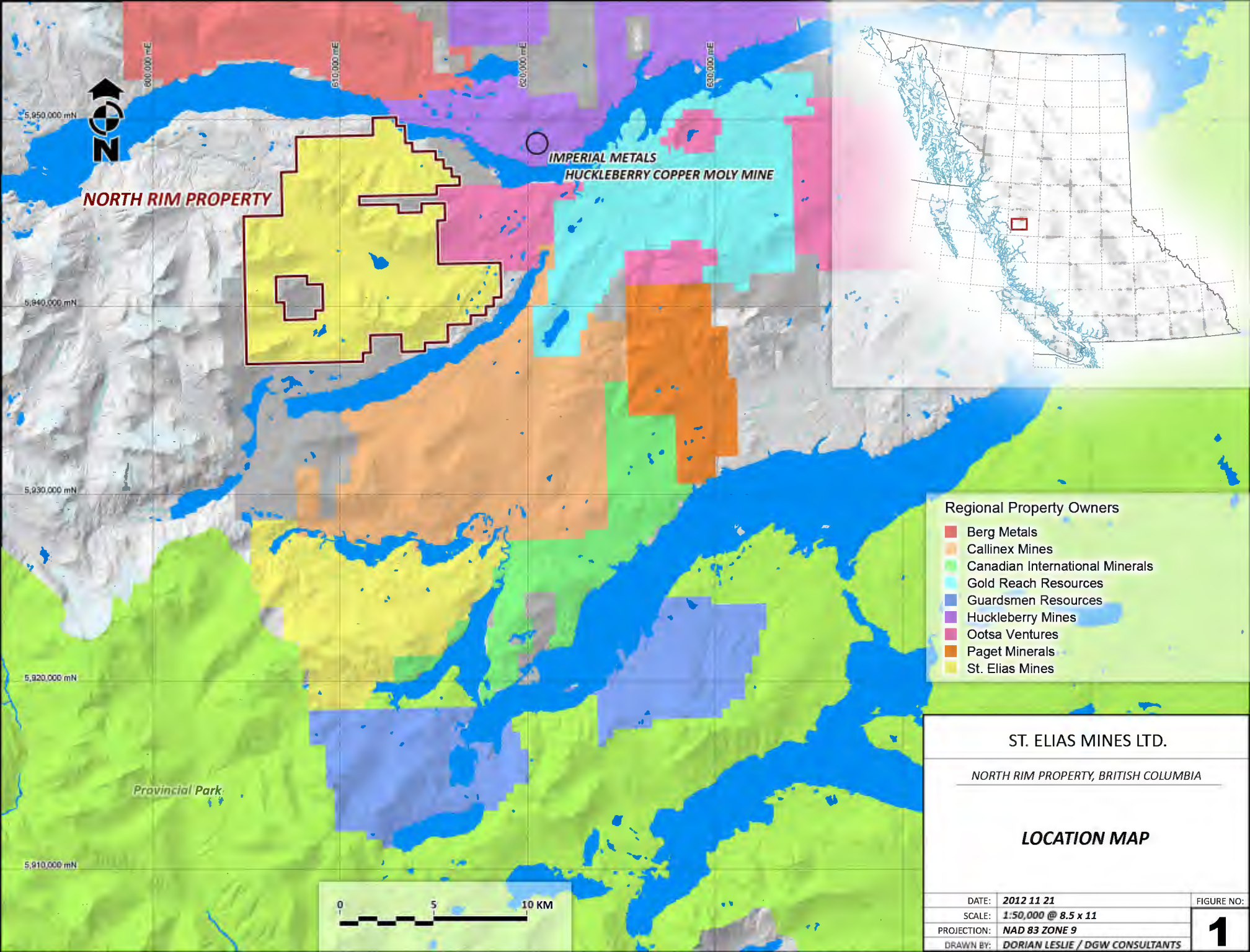
X James Thom

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	**Field Days (list actual days)**	**Days**	**Rate**	**Subtotal***	
James Thom / Project Geologist	Aug 11 to Aug 25	10	$550.00	$5,500.00	
Gerrard Gallisant / Propsector	Aug 11 to Aug 25	10	$300.00	$3,000.00	
			$0.00	$0.00	
			$0.00	$0.00	
			$0.00	$0.00	
			$0.00	$0.00	
				$8,500.00	**$8,500.00**
Office Studies	**List Personnel (note - Office onl**	Hours			
Literature search			$0.00	$0.00	
Database compilation	Dorian Leslie (Dataprep, georefernce, access maps)	4.0	$80.00	$320.00	
Computer modelling			$0.00	$0.00	
Reprocessing of data			$0.00	$0.00	
General research			$0.00	$0.00	
Report preparation	James Thom & Dorian Leslie (Report & Figures)	25.0	$100.00	$2,500.00	
Other (specify)					
				$2,820.00	**$2,820.00**
Ground geophysics	**Line Kilometres / Enter total amount invoiced list personnel**				
Radiometrics					
Magnetics	Mag Rental and Operator (Matt Kootchin)			$8,635.00	
Gravity					
Digital terrain modelling					
Electromagnetics	*note: expenditures for your crew in the field*				
SP/AP/EP	*should be captured above in Personnel*				
IP	*field expenditures above*				
AMT/CSAMT					
Resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					
Well logging	Define by total length				
Geophysical interpretation					
Petrophysics					
Other (specify)					
				$8,635.00	**$8,635.00**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Drill (cuttings, core, etc.)			$0.00	$0.00	
Stream sediment			$0.00	$0.00	
Soil	*XRF analysis*	350.0	$5.00	$1,750.00	
Rock			$0.00	$0.00	
Water			$0.00	$0.00	
Biogeochemistry			$0.00	$0.00	
Whole rock			$0.00	$0.00	
Petrology			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$1,750.00	**$1,750.00**
Transportation		**No.**	**Rate**	**Subtotal**	
Barge	Barge Crossing 2 trips	2.0	$250.00	$500.00	

Airfare			$0.00	$0.00	
Taxi			$0.00	$0.00	
truck rental		10.00	$110.00	$1,100.00	
kilometers			$0.00	$0.00	
ATV			$0.00	$0.00	
fuel				$618.58	
Helicopter (hours)		6	$998.00	$5,489.00	
Helicopter Fuel (litres)		500.00	$1.95	$975.00	
Other					
				$8,682.58	**$8,682.58**
Accommodation & Food	**Rates per day**				
Hotel	2 nights, 2 rooms @ 100		$0.00	$400.00	
Camp	Callinex Camp (3 men for 8 nights)	8.00	$707.25	$5,658.00	
Meals	Actual Cost			$339.74	
				$6,397.74	**$6,397.74**
Miscellaneous					
Telephone			$0.00	$0.00	
Survey Consumables	Sample Bags, Batteries, Bear Spray, First Aid, Helicoper Emergency Kit, Printed Maps			$680.55	
				$680.55	**$680.55**
Equipment Rentals		Weeks			
Field Gear (Specify)	Tents, Radios, GPS, Computers	1.00	$500.00	$500.00	
Sat Phone Rental	Rental + Minutes	1.00	$130.00	$130.00	
				$630.00	**$630.00**
Freight, rock samples					
			$0.00	$0.00	
			$0.00	$0.00	
				$0.00	**$0.00**
TOTAL Expenditures					**$38,095.87**

APPENDIX 1

-FIGURES-

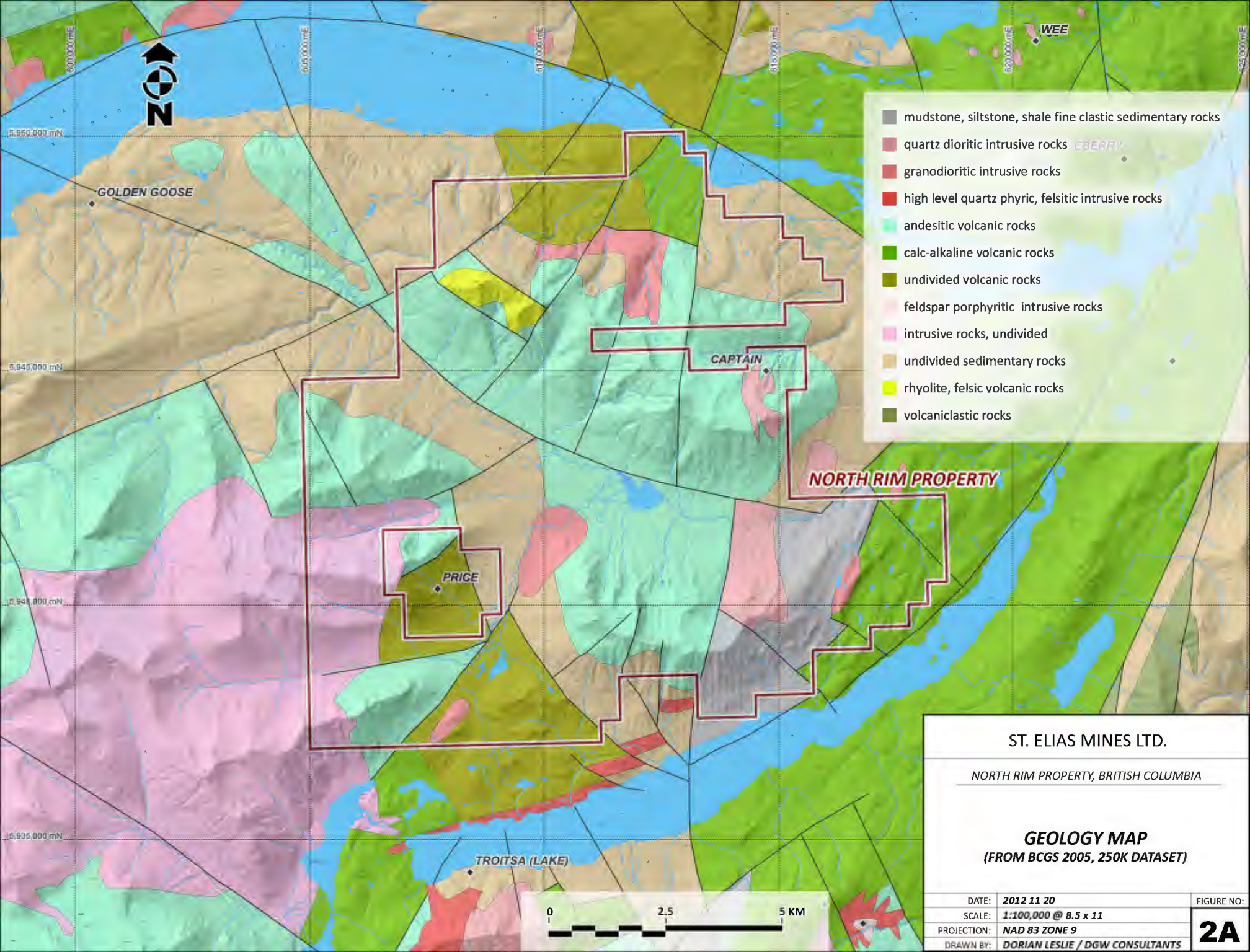


ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

LOCATION MAP

DATE:	*2012 11 21*	FIGURE NO:
SCALE:	*1:50,000 @ 8.5 x 11*	1
PROJECTION:	*NAD 83 ZONE 9*	
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*	



ST. ELIAS MINES LTD.

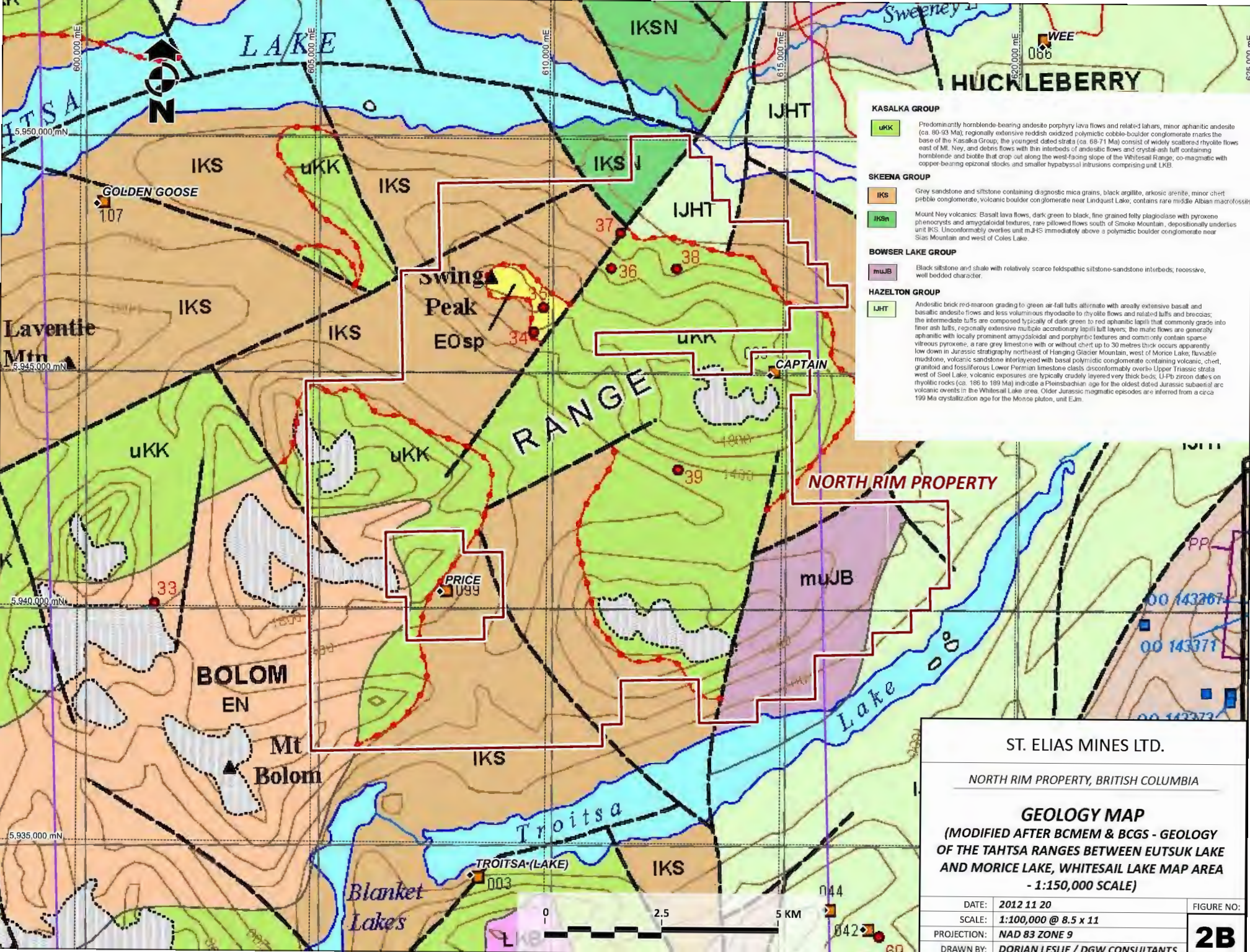
NORTH RIM PROPERTY, BRITISH COLUMBIA

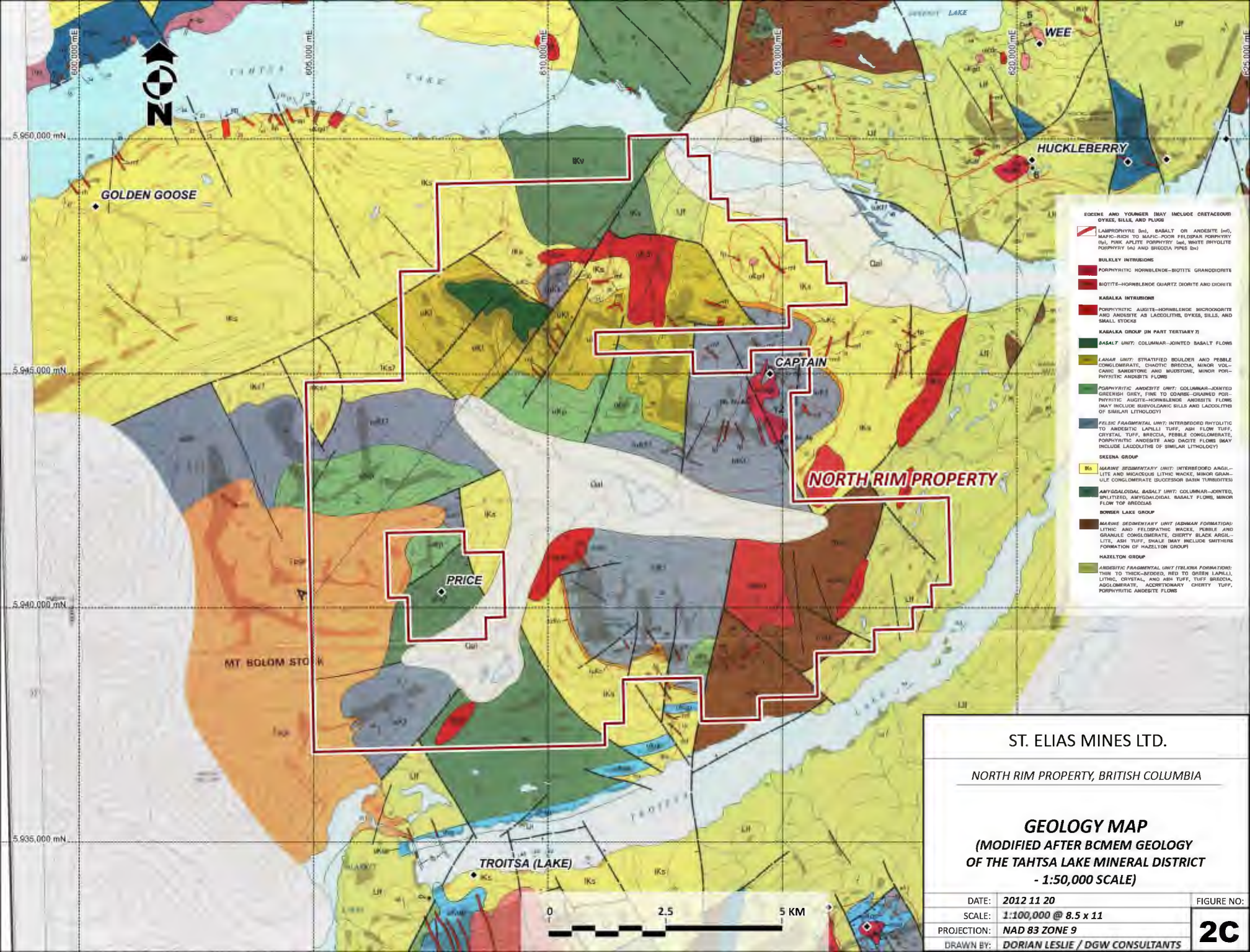
GEOLOGY MAP

(FROM BCGS 2005, 250K DATASET)

DATE:	*2012 11 20*
SCALE:	*1:100,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **2A**


KASALKA GROUP
uKK
Predominantly hornblende-bearing andesite porphyry lava flows and related lahars, minor aphanitic andesite (ca. 80-93 Ma); regionally extensive reddish oxidized polymictic cobble-boulder conglomerate marks the base of the Kasalka Group; the youngest dated strata (ca. 68-71 Ma) consist of widely scattered rhyolite flows east of Mt. Ney, and debris flows with thin interbeds of andesitic flows and crystal-ash tuff containing hornblende and biotite that crop out along the west-facing slope of the Whitesail Range; co-magmatic with copper-bearing epizonal stocks and smaller hypabyssal intrusions comprising unit LKB.
SKEENA GROUP
IKS
Grey sandstone and siltstone containing diagnostic mica grains, black argillite, arkosic arenite, minor chert pebble conglomerate, volcanic boulder conglomerate near Lindquist Lake; contains rare middle Albian macrofossils
IKSn
Mount Ney volcanics: Basalt lava flows, dark green to black, fine grained felty plagioclase with pyroxene phenocrysts and amygdaloidal textures, rare pillowed flows south of Smoke Mountain, depositionally underlies unit IKS. Unconformably overlies unit mJHS immediately above a polymictic boulder conglomerate near Sias Mountain and west of Coles Lake.
BOWSER LAKE GROUP
muJB
Black siltstone and shale with relatively scarce feldspathic siltstone-sandstone interbeds; recessive, well bedded character.
HAZELTON GROUP
IJHT
Andesitic brick red-maroon grading to green air-fall tuffs alternate with areally extensive basalt and basaltic andesite flows and less voluminous rhyodacite to rhyolite flows and related tuffs and breccias; the intermediate tuffs are composed typically of dark green to red aphanitic lapilli that commonly grade into finer ash tuffs, regionally extensive multiple accretionary lapilli tuff layers; the mafic flows are generally aphanitic with locally prominent amygdaloidal and porphyritic textures and commonly contain sparse vitreous pyroxene; a rare grey limestone with or without chert up to 30 metres thick occurs apparently low down in Jurassic stratigraphy northeast of Hanging Glacier Mountain, west of Morice Lake; fluviatile mudstone, volcanic sandstone interlayered with basal polymictic conglomerate containing volcanic, chert, granitoid and fossiliferous Lower Permian limestone clasts disconformably overlie Upper Triassic strata west of Seel Lake, volcanic exposures are typically crudely layered very thick beds; U-Pb zircon dates on rhyolitic rocks (ca. 186 to 189 Ma) indicate a Pleinsbachian age for the oldest dated Jurassic subaerial arc volcanic events in the Whitesail Lake area. Older Jurassic magmatic episodes are inferred from a circa 199 Ma crystallization age for the Morice pluton, unit EJm.
NORTH RIM PROPERTY
ST. ELIAS MINES LTD.
NORTH RIM PROPERTY, BRITISH COLUMBIA
GEOLOGY MAP
(MODIFIED AFTER BCMEM & BCGS - GEOLOGY OF THE TAHTSA RANGES BETWEEN EUTSUK LAKE AND MORICE LAKE, WHITESAIL LAKE MAP AREA - 1:150,000 SCALE)
DATE: 2012 11 20
SCALE: 1:100,000 @ 8.5 x 11
PROJECTION: NAD 83 ZONE 9
DRAWN BY: DORIAN LESUE / DGW CONSULTANTS
FIGURE NO: 2B
0 2.5 5 KM
IKS
IKSN
IJHT
uKK
muJB
EOsp
RANGE
Swing Peak
Laventie Mtn
BOLOM
Mt Bolom
Lake
Troitsa
Blanket Lakes
GOLDEN GOOSE
PRICE
TROITSA (LAKE)
CAPTAIN
WEE
HUCKLEBERRY
5,950,000 mN
5,945,000 mN
5,940,000 mN
5,935,000 mN
600,000 mE
605,000 mE
610,000 mE
615,000 mE
620,000 mE



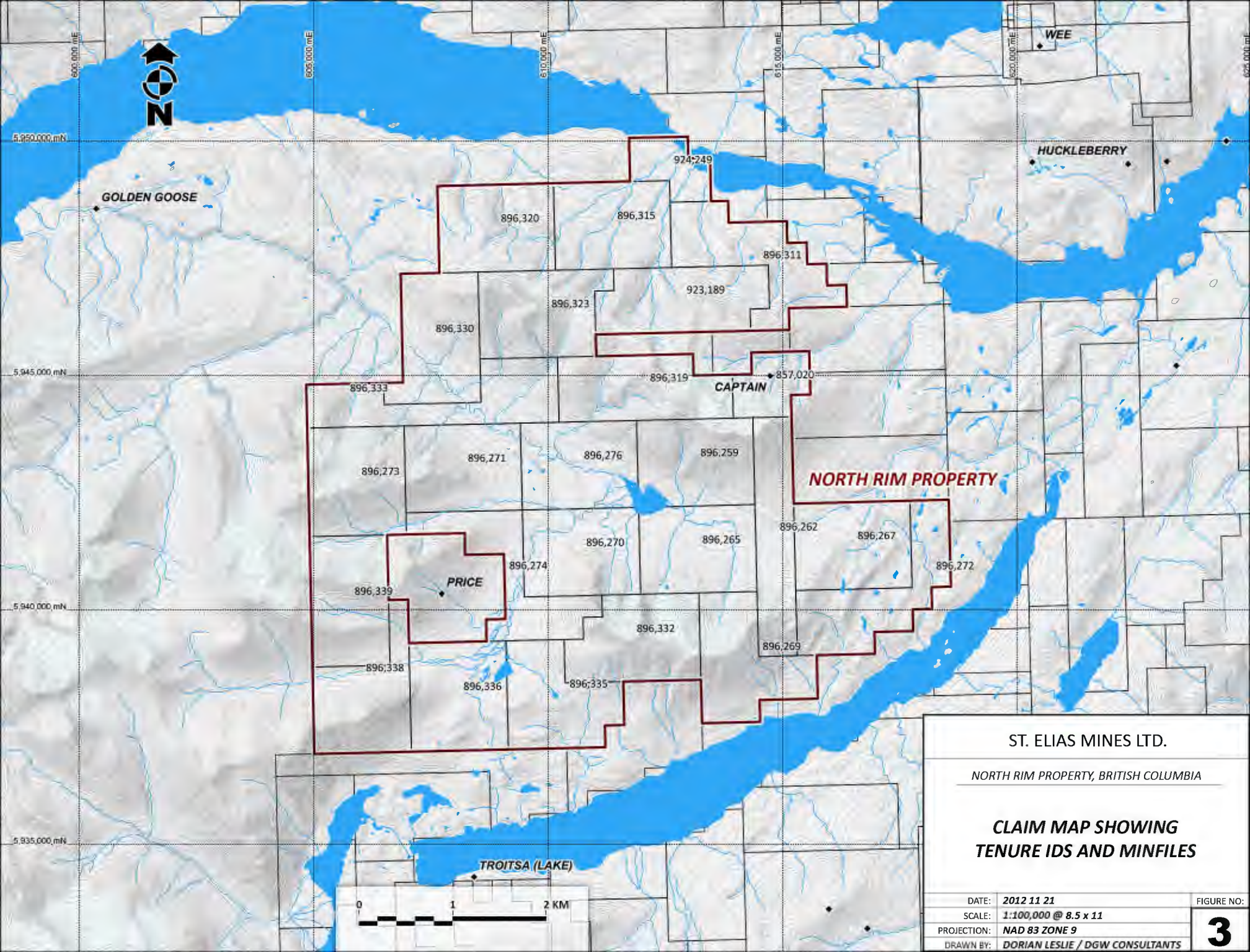
ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

GEOLOGY MAP

(MODIFIED AFTER BCMEM GEOLOGY OF THE TAHTSA LAKE MINERAL DISTRICT - 1:50,000 SCALE)

DATE:	*2012 11 20*	FIGURE NO:
SCALE:	*1:100,000 @ 8.5 x 11*	**2C**
PROJECTION:	*NAD 83 ZONE 9*	
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*	



ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

CLAIM MAP SHOWING TENURE IDS AND MINFILES

DATE:	*2012 11 21*
SCALE:	*1:100,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

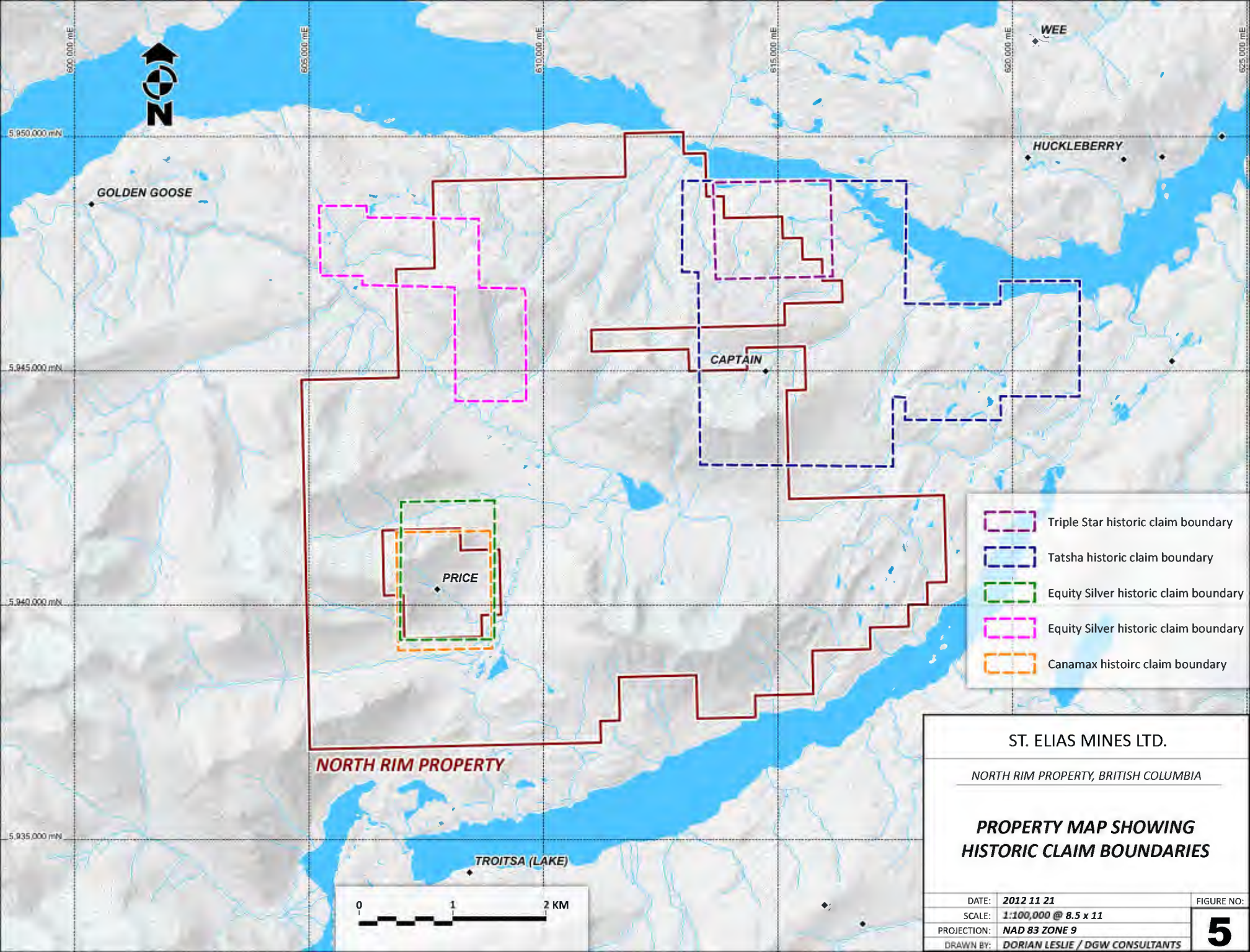
FIGURE NO: **3**

ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

3D GOOGLE EARTH VIEW

DATE:	*2012 11 21*	FIGURE NO:
SCALE:	*N/A*	**4**
PROJECTION:	*N/A*	
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*	



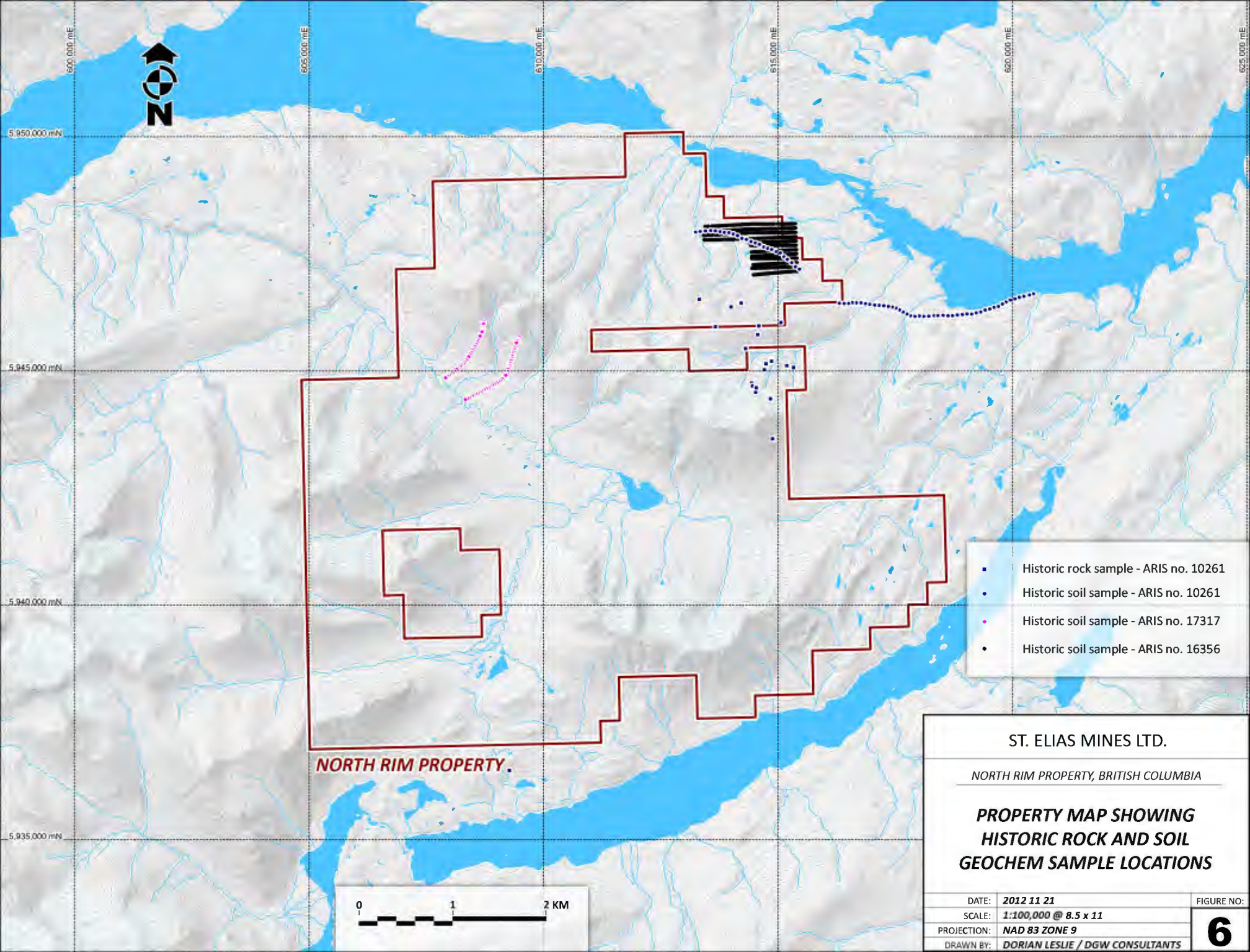
ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

PROPERTY MAP SHOWING HISTORIC CLAIM BOUNDARIES

DATE:	*2012 11 21*
SCALE:	*1:100,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **5**



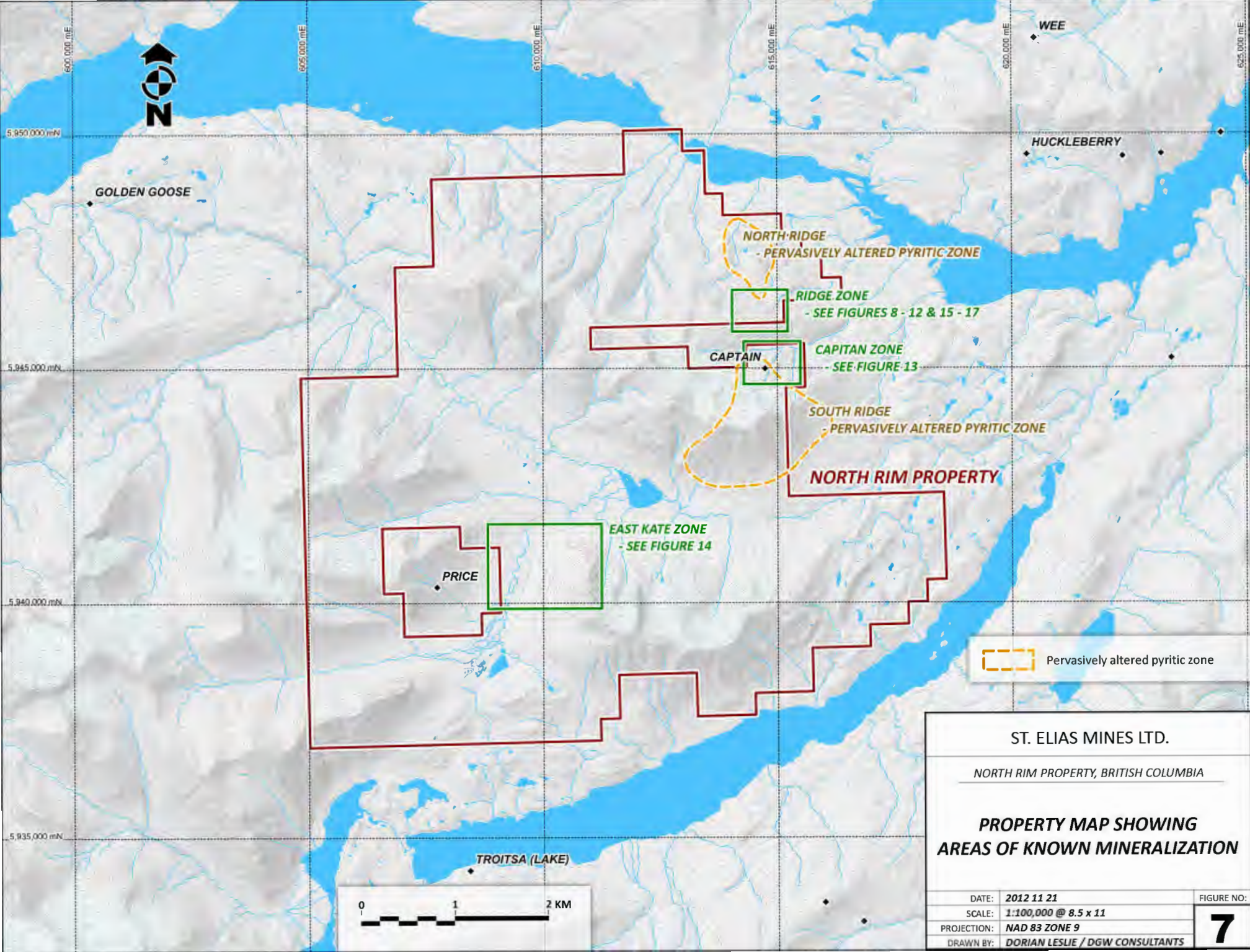
ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

PROPERTY MAP SHOWING HISTORIC ROCK AND SOIL GEOCHEM SAMPLE LOCATIONS

DATE:	*2012 11 21*
SCALE:	*1:100,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **6**

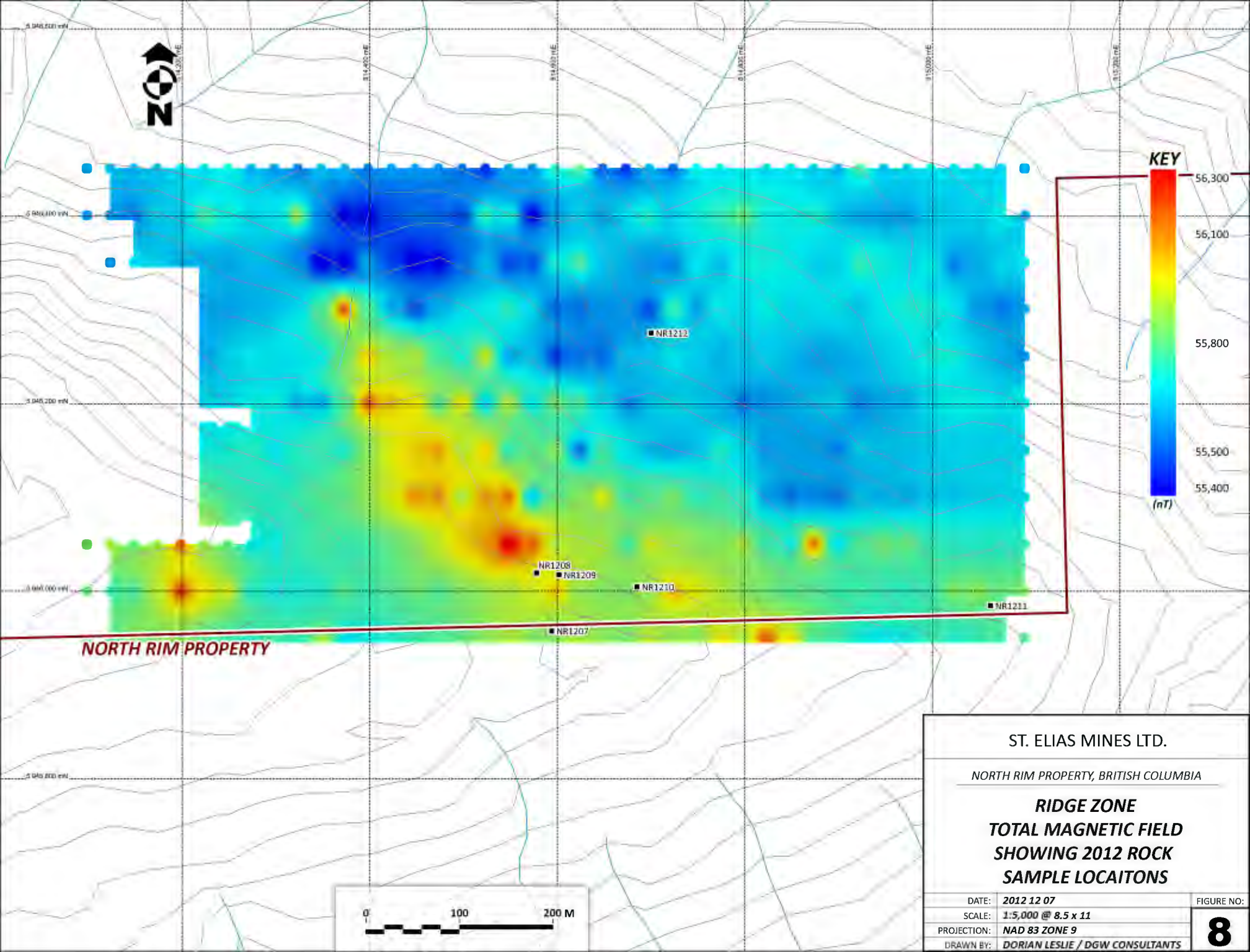


ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

PROPERTY MAP SHOWING AREAS OF KNOWN MINERALIZATION

DATE:	*2012 11 21*	FIGURE NO:
SCALE:	*1:100,000 @ 8.5 x 11*	7
PROJECTION:	*NAD 83 ZONE 9*	
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*	



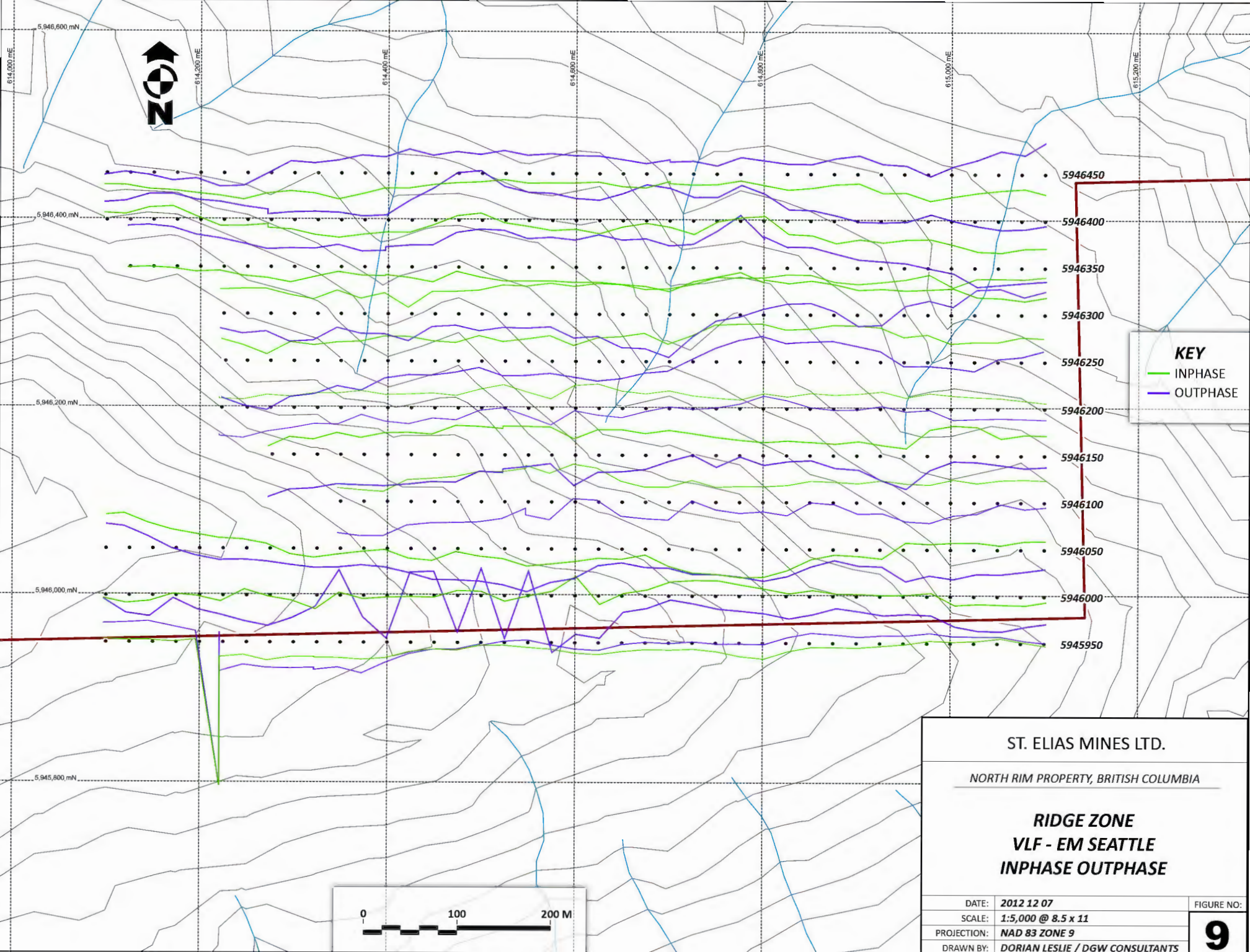
ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

RIDGE ZONE TOTAL MAGNETIC FIELD SHOWING 2012 ROCK SAMPLE LOCAITONS

DATE:	*2012 12 07*
SCALE:	*1:5,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **8**



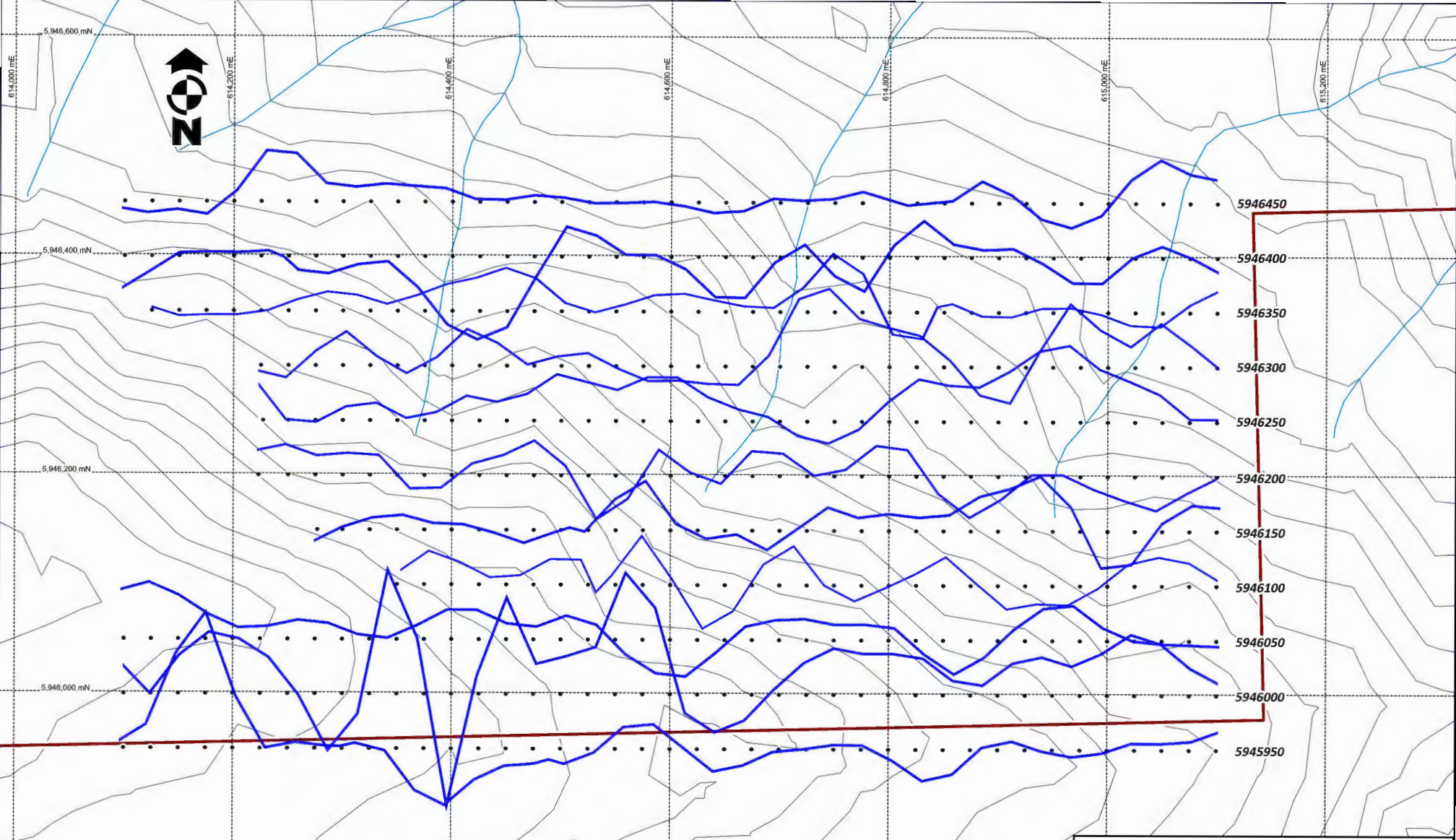
ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

RIDGE ZONE
VLF - EM SEATTLE
INPHASE OUTPHASE

DATE:	*2012 12 07*
SCALE:	*1:5,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **9**



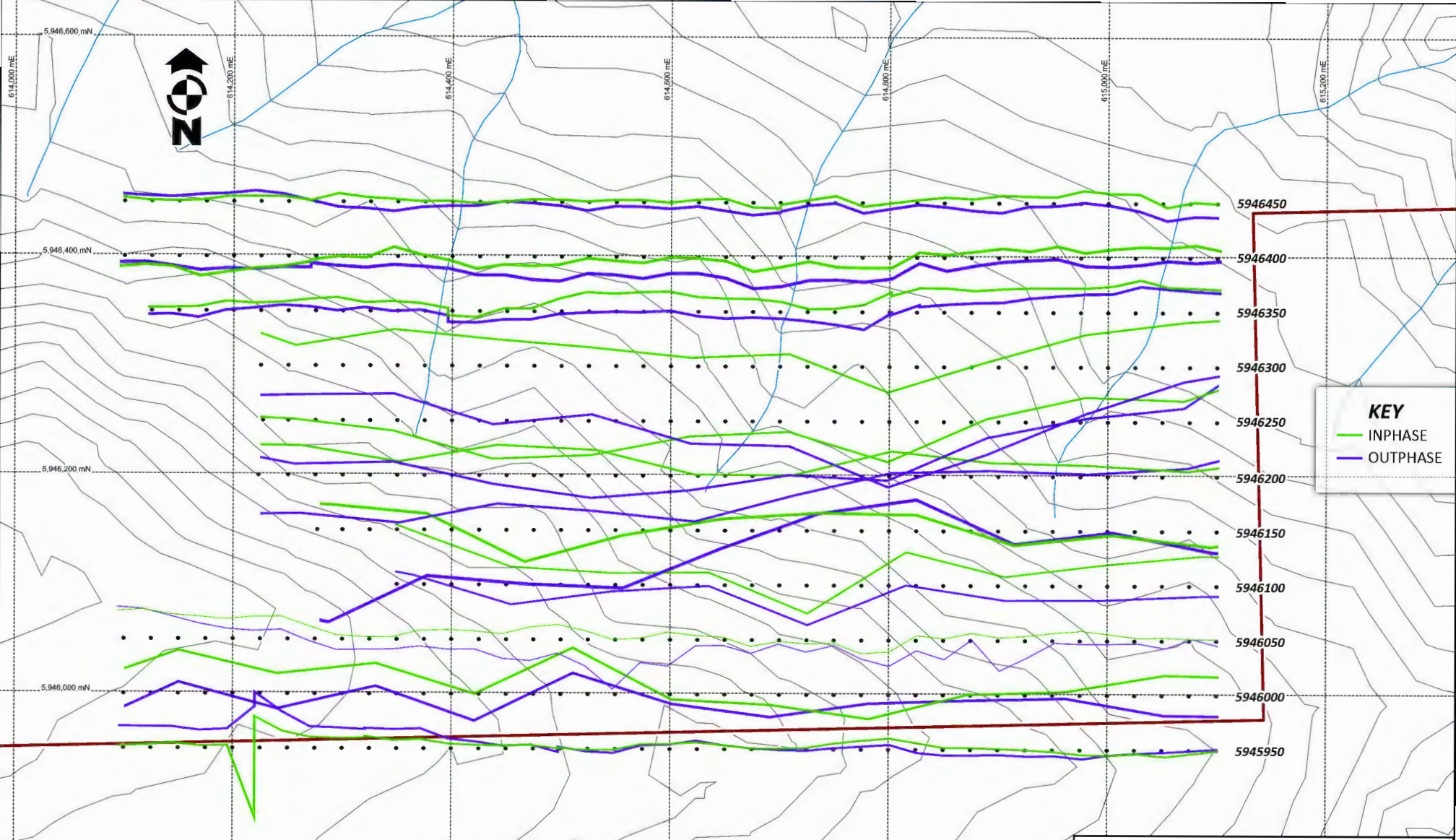
ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

RIDGE ZONE
VLF - EM SEATTLE
FRASER FILTER

DATE:	*2012 12 07*
SCALE:	*1:5,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **10**



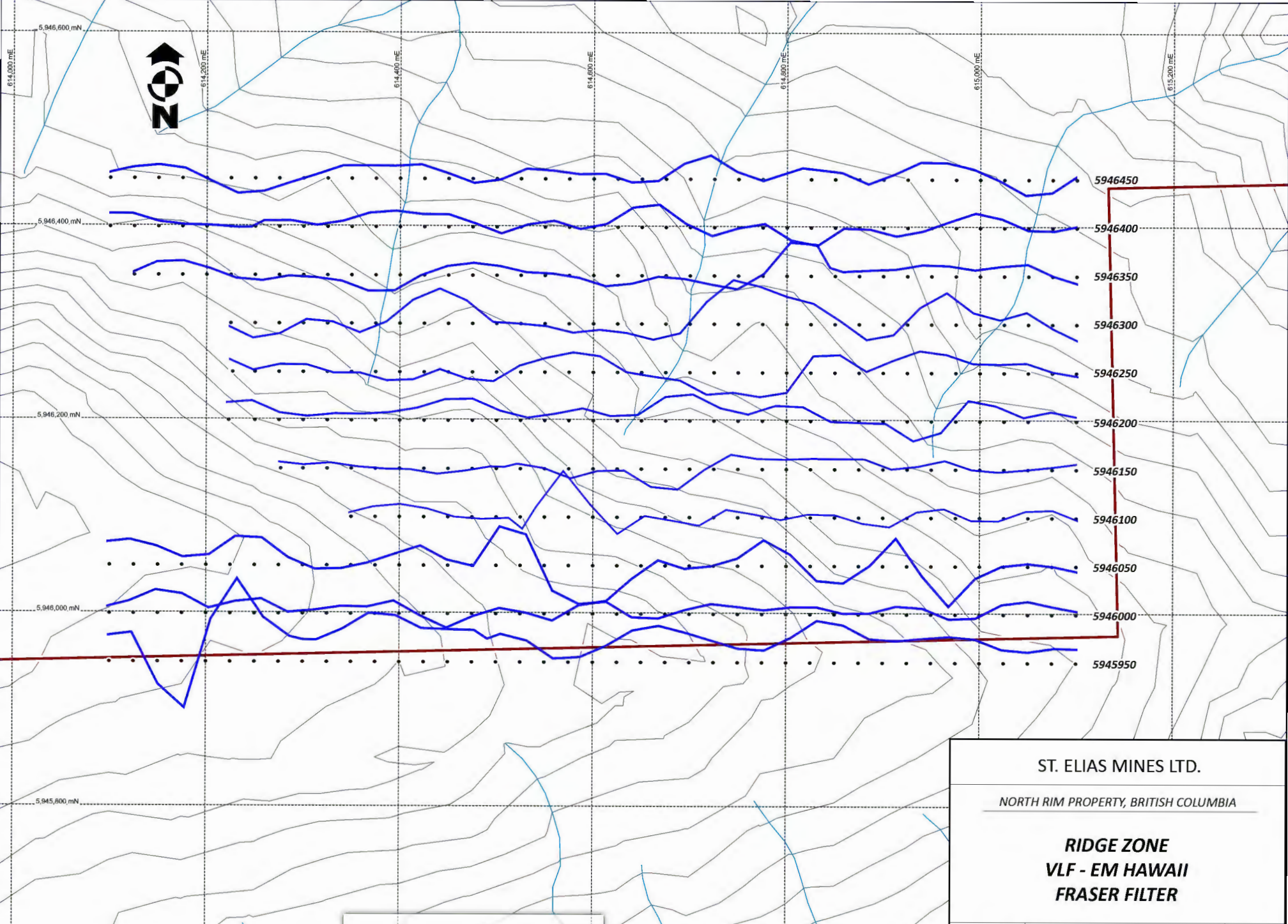
ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

RIDGE ZONE
VLF - EM HAWAII
INPHASE OUTPHASE

DATE:	*2012 12 07*
SCALE:	*1:5,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **11**



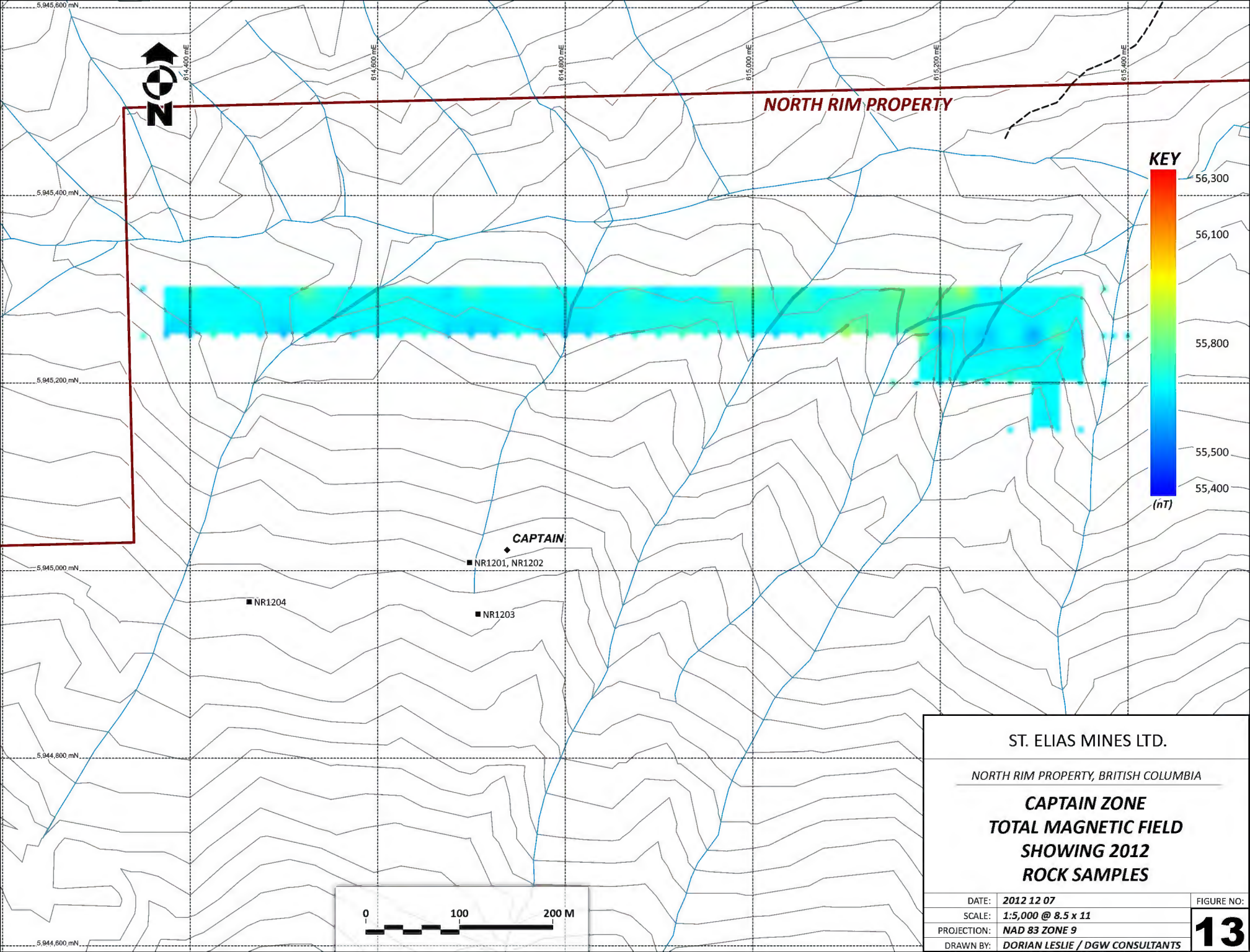
ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

RIDGE ZONE
VLF - EM HAWAII
FRASER FILTER

DATE:	*2012 12 07*
SCALE:	*1:5,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **12**



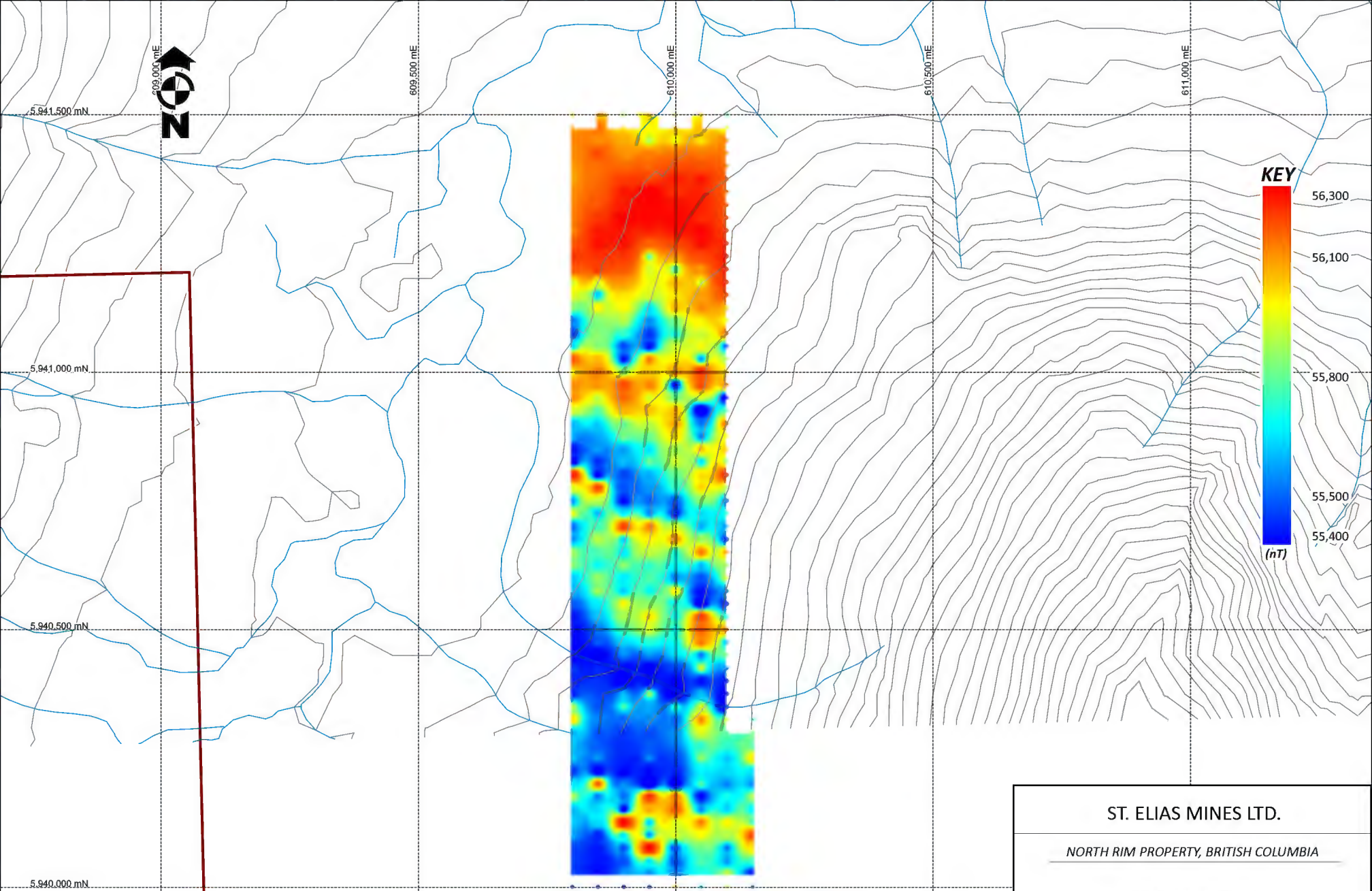
ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

CAPTAIN ZONE TOTAL MAGNETIC FIELD SHOWING 2012 ROCK SAMPLES

DATE:	*2012 12 07*
SCALE:	*1:5,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **13**



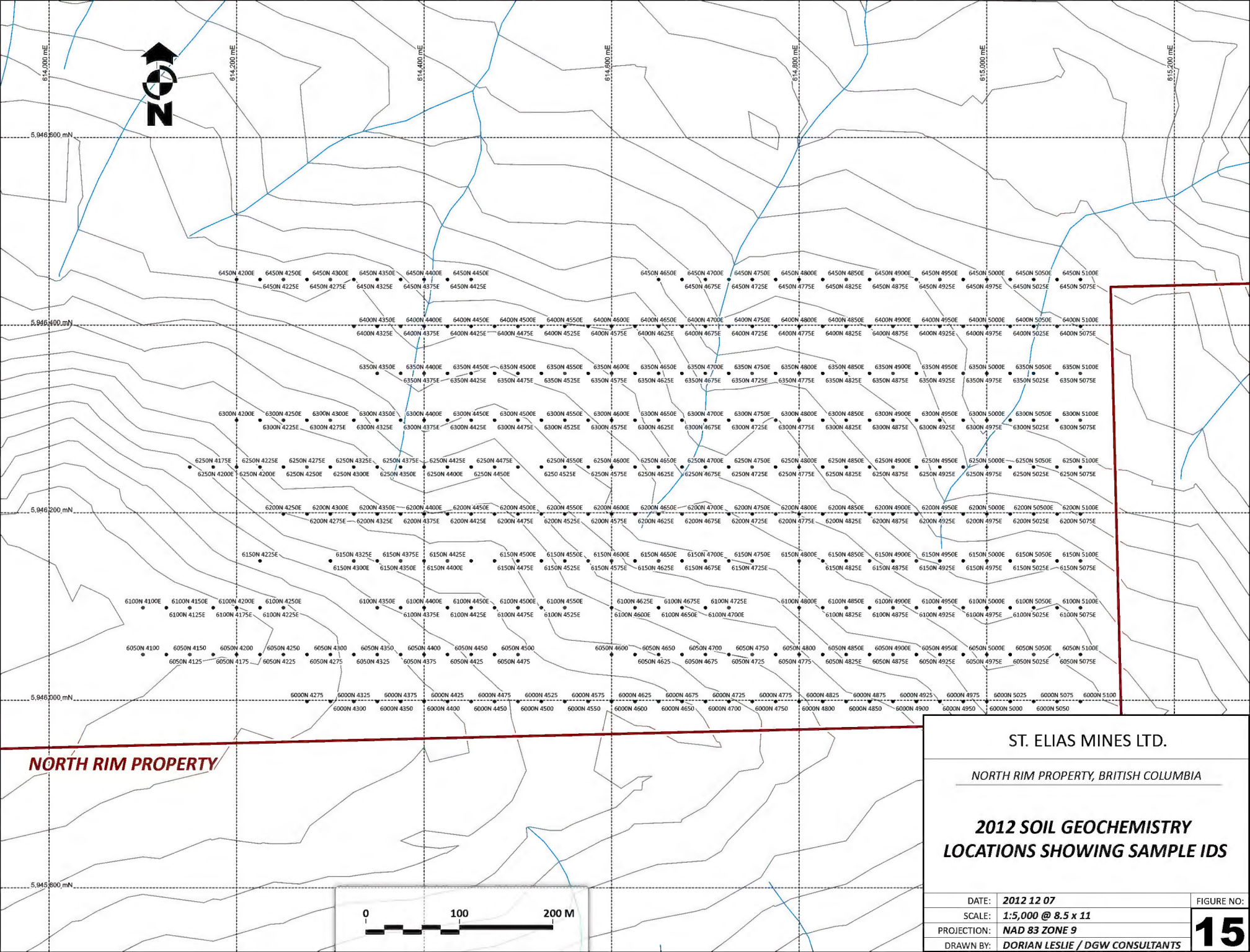
ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

EAST KATE ZONE
TOTAL MAGNETIC FIELD

DATE:	*2012 12 07*
SCALE:	*1:10,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **14**



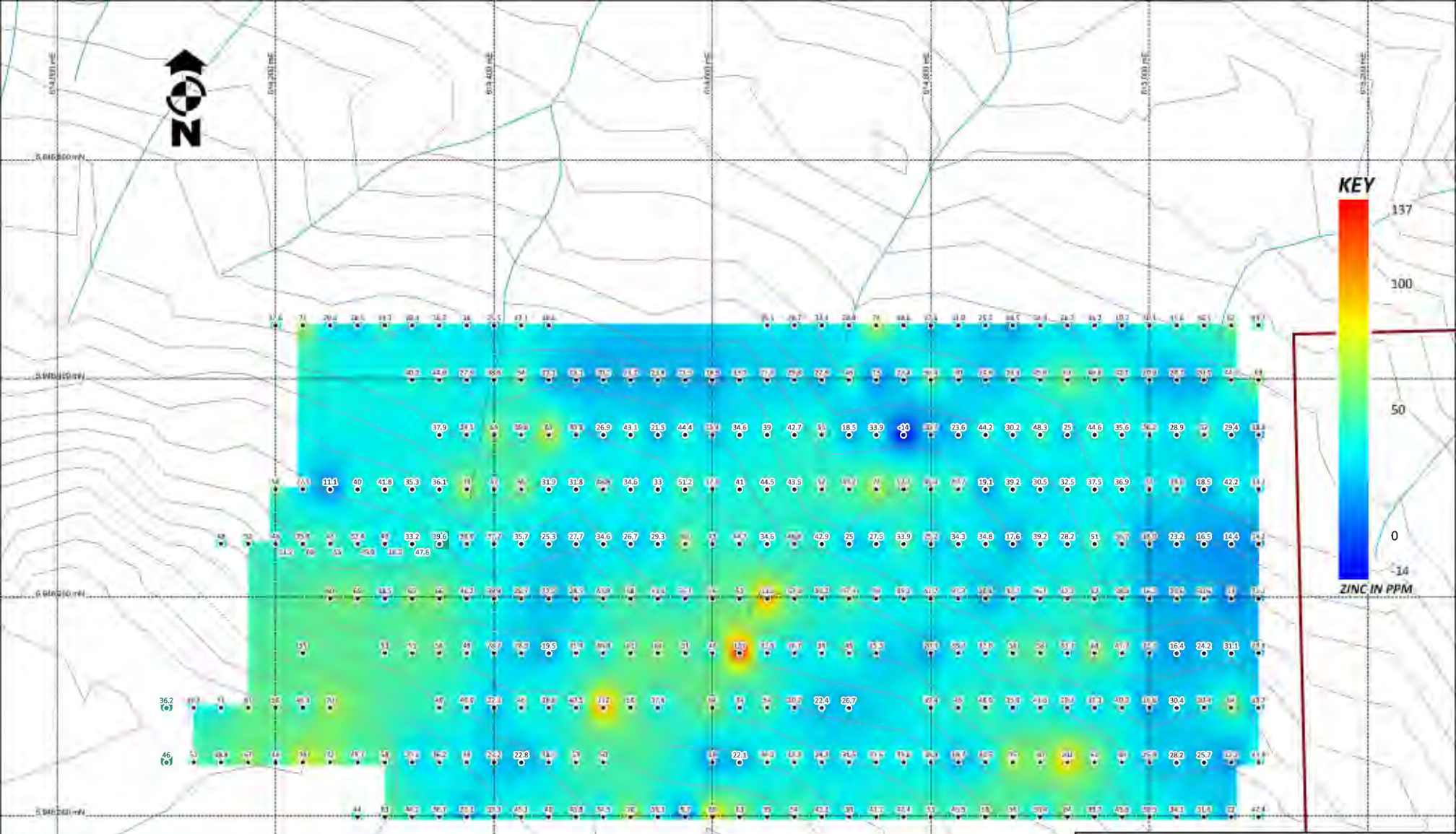
ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

2012 SOIL GEOCHEMISTRY LOCATIONS SHOWING SAMPLE IDS

DATE:	*2012 12 07*
SCALE:	*1:5,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **15**



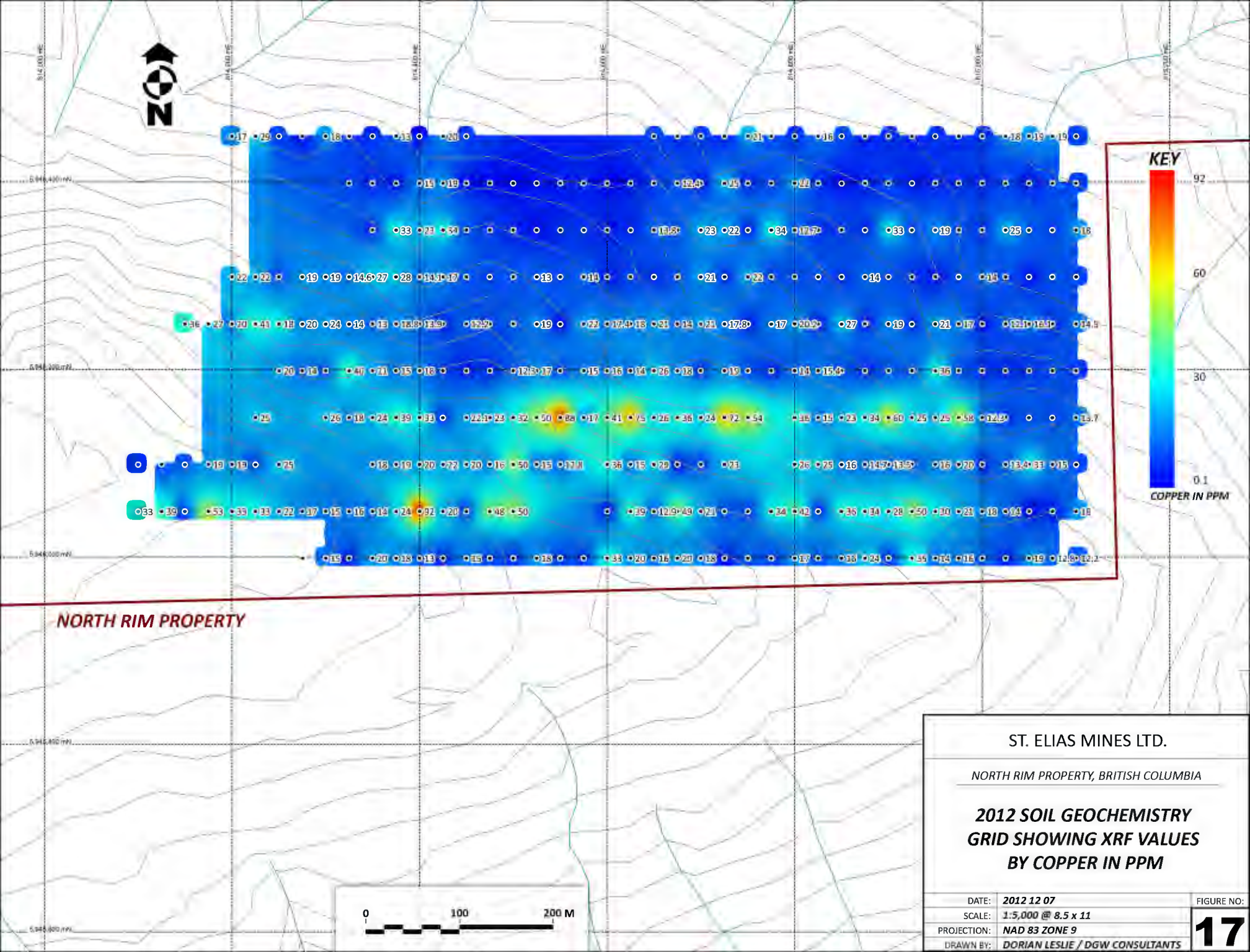
ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

2012 SOIL GEOCHEMISTRY GRID SHOWING XRF VALUES BY ZINC IN PPM

DATE:	*2012 12 07*
SCALE:	*1:5,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **16**



ST. ELIAS MINES LTD.

NORTH RIM PROPERTY, BRITISH COLUMBIA

2012 SOIL GEOCHEMISTRY GRID SHOWING XRF VALUES BY COPPER IN PPM

DATE:	*2012 12 07*
SCALE:	*1:5,000 @ 8.5 x 11*
PROJECTION:	*NAD 83 ZONE 9*
DRAWN BY:	*DORIAN LESLIE / DGW CONSULTANTS*

FIGURE NO: **17**

APPENDIX 2

-Soil Locations and XRF Results-

East NAD83_Z9	North NAD83_Z9	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Mo_ppm	Ag_ppm	Hg_ppm
614275	5946000	<10	8.9	44	5.7	<5	<10	<5
614300	5946000	15	10.7	63	6.8	<5	<10	<5
614325	5946000	<10	7.6	44.1	<5	<5	<10	<5
614350	5946000	20	<5	36.7	5.3	<5	<10	<5
614375	5946000	18	9.8	22.3	8.5	<5	<10	<5
614400	5946000	13	11	39.9	<5	<5	<10	<5
614425	5946000	<10	9.3	45.1	<5	<5	<10	<5
614450	5946000	15	12.2	40	11.7	<5	<10	<5
614475	5946000	<10	11.6	48.8	10.1	<5	<10	<5
614500	5946000	<10	10.1	34.5	<5	<5	<10	<5
614525	5946000	18	12.5	70	6.3	<5	<10	<5
614550	5946000	<10	10.2	38.3	<5	<5	<10	<5
614575	5946000	<10	7.8	9.7	10.4	<5	<10	5
614600	5946000	33	11.8	89	9.7	<5	<10	<5
614625	5946000	20	13.9	63	6.6	<5	<10	<5
614650	5946000	16	10.5	39	7.1	<5	<10	<5
614675	5946000	20	7.8	54	24	<5	<10	<5
614700	5946000	18	10.8	42.3	7.2	<5	<10	<5
614725	5946000	<10	5.8	30	<5	<5	<10	<5
614750	5946000	11	12.7	47.2	5.7	<5	<10	<5
614775	5946000	<10	7.6	47.4	6.8	<5	<10	<5
614800	5946000	17	8.8	53	6.7	<5	<10	<5
614825	5946000	11	8.5	46.5	7.1	<5	<10	<5
614850	5946000	16	10.7	59	11	<5	<10	<5
614875	5946000	24	12	56	7	<5	<10	<5
614900	5946000	<10	8.2	30.4	<5	<5	<10	<5
614925	5946000	35	14.2	64	5.3	<5	<10	<5
614950	5946000	14	9.5	39.7	6.3	<5	<10	<5
614975	5946000	16	11.1	43.6	6.3	<5	<10	<5
615000	5946000	12	11.6	39.5	8.8	<5	<10	<5
615025	5946000	<10	5.9	34.3	<5	<5	<10	<5
615050	5946000	19	6.7	31.6	6.3	<5	<10	<5
615075	5946000	12.8	6.2	22	<5	<5	<10	<5
615100	5946000	12.2	9.5	47.4	<5	<5	<10	<5
614800	5946050	42	9.8	38.4	<5	<5	<10	<5
614775	5946050	34	11.1	35.6	6.3	<5	<10	<5
614750	5946050	<10	6.9	37.6	<5	<5	<10	<5
614725	5946050	<10	9.7	31.5	<5	<5	<10	<5
614700	5946050	21	9.3	29.2	<5	<5	<10	<5
614675	5946050	49	12.1	43.3	7.2	<5	<10	<5
614650	5946050	12.9	8	34.2	<5	<5	<10	<5
614625	5946050	39	18.5	22.1	20.3	<5	<10	<5
614600	5946050	<10	7.7	19	<5	<5	<10	<5
614500	5946050	50	13.1	50	<5	<5	<10	<5
614475	5946050	48	10.6	53	10.8	<5	<10	<5

East NAD83_Z9	North NAD83_Z9	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Mo_ppm	Ag_ppm	Hg_ppm
614450	5946050	<10	11.3	28.5	7.5	<5	<10	<5
614425	5946050	20	14.9	22.8	12.9	<5	<10	<5
614400	5946050	92	16.1	23.2	5.3	<5	<10	<5
614375	5946050	24	11.3	39	9.7	<5	<10	<5
614350	5946050	14	14.8	36.2	6.1	<5	<10	<5
614325	5946050	16	14	25.1	14	<5	<10	<5
614300	5946050	15	11.1	58	<5	<5	<10	<5
614275	5946050	17	10.1	45.7	<5	<5	<10	<5
614250	5946050	22	10.1	72	8.5	<5	<10	<5
614225	5946050	33	6.3	79	6.6	<5	<10	<5
614200	5946050	33	14	48	<5	<5	<10	7.7
614175	5946050	53	13.9	67	8.1	<5	<10	<5
614150	5946050	<10	8.1	48.8	6.1	<5	<10	<5
614125	5946050	39	10.7	57	6	<5	<10	<5
614100	5946050	33	8.9	46	6.2	<5	<10	<5
615000	5946150	12.3	10.9	22.2	5.6	<5	<10	<5
615025	5946150	<10	7.9	16.4	5.1	<5	<10	<5
615050	5946150	11.9	<5	24.2	<5	<5	<10	<5
615075	5946150	<10	6.9	31.1	<5	<5	<10	<5
615100	5946150	13.7	7.2	20.9	5.9	<5	<10	<5
614975	5946150	58	10.6	47.2	5.7	<5	<10	<5
614950	5946150	25	19.3	68	6.4	<5	<10	<5
614925	5946150	25	12.3	33.7	9.2	<5	<10	<5
614900	5946150	60	14	58	<5	<5	<10	<5
614875	5946150	34	9.8	54	7.6	<5	<10	<5
614850	5946150	23	6.2	32.6	<5	<5	<10	<5
614825	5946150	15	9	38.2	<5	<5	10	<5
614800	5946150	38	7.1	20.3	<5	<5	<10	<5
614750	5946150	54	13.2	25.3	<5	<5	<10	<5
614725	5946150	72	6.8	45	<5	<5	<10	<5
614700	5946150	24	10	38	<5	<5	<10	<5
614675	5946150	36	8.8	28.7	<5	<5	<10	<5
614650	5946150	26	9.5	32.6	6.9	<5	<10	<5
614625	5946150	75	12	137	<5	<5	<10	<5
614600	5946150	41	8	42	<5	<5	<10	<5
614575	5946150	17	6.5	51	<5	<5	<10	<5
615100	5946100	<10	6.8	19.7	6.6	<5	<10	<5
615075	5946100	15	9.1	64	7.7	<5	<10	<5
615050	5946100	33	10	30.4	<5	<5	<10	<5
615025	5946100	13.4	6.9	30.4	5.9	<5	<10	<5
615000	5946100	<10	7.6	16.6	<5	<5	<10	<5
614975	5946100	20	9.7	40.2	<5	<5	<10	<5
614950	5946100	16	5.1	31.3	<5	<5	<10	<5
614925	5946100	11	7.6	30.7	<5	<5	<10	<5
614900	5946100	13.5	7.5	41.6	5.7	<5	<10	<5

East NAD83_Z9	North NAD83_Z9	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Mo_ppm	Ag_ppm	Hg_ppm
614875	5946100	14.7	9.8	35.9	6.9	<5	<10	<5
614850	5946100	16	14	48.9	<5	<5	<10	<5
614825	5946100	25	11.6	46	5.9	<5	<10	<5
614800	5946100	26	17.3	39.4	7.2	<5	<10	<5
614725	5946100	23	9.2	26.7	<5	<5	<10	<5
614700	5946100	<10	7.9	22.4	<5	<5	<10	<5
614675	5946100	<10	6.5	30.7	<5	<5	<10	<5
614650	5946100	29	11.2	54	9.1	<5	<10	<5
614625	5946100	15	15.2	34	11.4	<5	<10	<5
614600	5946100	36	11.9	64	25.7	<5	<10	<5
614550	5946100	12.8	11.5	37.6	<5	<5	<10	<5
614525	5946100	15	9.3	58	<5	<5	<10	<5
614500	5946100	50	8	112	<5	<5	<10	<5
614475	5946100	16	12.4	40.5	5.4	<5	<10	<5
614450	5946100	20	13.3	36.6	7.7	<5	<10	<5
614425	5946100	22	8.6	46	<5	<5	<10	<5
614400	5946100	20	9.4	22.3	12.9	<5	<10	<5
614375	5946100	19	27.2	40.9	19.4	<5	<10	<5
614350	5946100	18	13.4	49	8.3	5.1	<10	<5
614250	5946100	25	10.2	70	6	<5	<10	<5
614225	5946100	<10	7.9	46.3	<5	<5	<10	<5
614200	5946100	19	8	58	5.6	<5	<10	<5
614175	5946100	19	7.7	61	7	<5	<10	<5
614150	5946100	12	6.5	41	<5	<5	<10	<5
614125	5946100	<10	8.5	40.4	5.5	<5	<10	<5
614100	5946100	<10	7.2	36.2	7	<5	<10	<5
614650	5946450	<10	7.1	35.5	<5	<5	<10	<5
615100	5946400	<10	<5	63	<5	<5	<10	<5
615075	5946400	<10	7	44.2	<5	<5	<10	<5
615050	5946400	<10	6.1	20.1	<5	<5	<10	<5
615025	5946400	10.1	7.3	20.2	8.6	<5	<10	<5
615000	5946400	<10	9.9	20.9	5.6	<5	<10	<5
614975	5946400	<10	7.4	42.1	<5	<5	<10	<5
614950	5946400	<10	5.1	46.6	<5	<5	<10	<5
614925	5946400	<10	<5	63	<5	<5	<10	<5
614900	5946400	<10	6.2	45.6	<5	<5	<10	<5
614875	5946400	<10	<5	28.3	<5	<5	<10	<5
614850	5946400	<10	6.4	24.9	<5	<5	<10	<5
614825	5946400	<10	<5	30	<5	<5	<10	<5
614800	5946400	22	6.2	56.4	<5	<5	<10	<5
614775	5946400	<10	7.7	27.4	<5	<5	<10	<5
614750	5946400	<10	8.2	13	5.6	<5	<10	<5
614725	5946400	25	9.1	48	<5	5.9	<10	<5
614700	5946400	<10	<5	22.9	<5	<5	<10	<5
614675	5946400	12.4	8.7	29.8	<5	<5	<10	<5

East NAD83_Z9	North NAD83_Z9	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Mo_ppm	Ag_ppm	Hg_ppm
614650	5946400	<10	6.4	27.5	<5	<5	<10	<5
614625	5946400	<10	<5	33.1	<5	<5	<10	<5
614600	5946400	<10	6.7	18.9	<5	<5	<10	<5
614575	5946400	<10	<5	21.5	<5	<5	<10	<5
614550	5946400	<10	6.6	23.8	<5	<5	<10	<5
614525	5946400	<10	7.7	23.2	<5	<5	<10	<5
614500	5946400	<10	5.2	20.2	<5	<5	<10	<5
614475	5946400	<10	6.4	18.1	<5	<5	<10	<5
614450	5946400	<10	<5	21.1	<5	<5	<10	<5
614425	5946400	19	9.3	54	<5	<5	<10	<5
614400	5946400	15	7.5	38.6	<5	<5	<10	<5
614375	5946400	<10	8.2	27.9	<5	<5	<10	<5
614350	5946400	<10	8.4	44.9	<5	<5	<10	<5
614325	5946400	10	9	40.2	<5	<5	<10	<5
615100	5946200	<10	9.1	21.7	<5	<5	<10	<5
615000	5946200	<10	7.8	16.2	<5	<5	<10	<5
615075	5946200	11	7.1	13	6.9	<5	<10	<5
615050	5946200	<10	8.7	30.6	5.1	<5	<10	<5
615025	5946200	<10	<5	20.6	<5	<5	<10	<5
614975	5946200	<10	16.6	38.6	<5	<5	<10	<5
614950	5946200	36	10.4	47	<5	<5	<10	<5
614925	5946200	10.5	6	47.3	<5	<5	<10	<5
614900	5946200	10.8	8.9	36.1	<5	<5	<10	<5
614875	5946200	<10	6	32.7	6	<5	<10	<5
614850	5946200	11.4	5.1	20.4	<5	<5	<10	<5
614825	5946200	15.4	8.8	37.3	5.6	<5	<10	<5
614800	5946200	14	7.7	41.7	<5	<5	<10	<5
614775	5946200	<10	6	35.2	<5	<5	<10	<5
614750	5946200	<10	5.1	39	<5	<5	<10	<5
614725	5946200	19	7.7	57.3	<5	<5	<10	<5
614700	5946200	<10	6.7	30.2	6.1	<5	<10	<5
614675	5946200	18	9.2	52.4	<5	<5	<10	<5
614650	5946200	26	16.9	110	6.4	<5	<10	<5
614625	5946200	14	7.4	52	<5	<5	12	<5
614600	5946200	16	6.7	56	<5	<5	<10	<5
614575	5946200	15	9.4	35.1	5.1	<5	<10	<5
614550	5946200	10.7	6.6	43.4	<5	<5	<10	<5
614525	5946200	17	9.6	58	5.2	<5	<10	<5
614500	5946200	12.3	11.8	43.9	<5	<5	<10	<5
614475	5946200	<10	<5	28.5	<5	<5	<10	<5
614450	5946200	<10	8.5	22.5	<5	<5	10	<5
614425	5946200	<10	5.9	28.7	<5	<5	<10	<5
614400	5946200	18	15.1	39.9	5.4	<5	<10	<5
614375	5946200	15	10.8	41.2	<5	<5	<10	<5
614350	5946200	21	13.2	66	7.3	<5	<10	<5

East NAD83_Z9	North NAD83_Z9	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Mo_ppm	Ag_ppm	Hg_ppm
614325	5946200	40	14.6	65	9	<5	<10	<5
614300	5946200	11.2	7.6	38.5	<5	<5	<10	<5
614250	5946200	20	9.6	60	<5	<5	<10	<5
614275	5946200	14	8.2	65	6.6	<5	<10	<5
615100	5946450	<10	8.4	49.7	<5	<5	<10	<5
615075	5946450	19	10.1	62	<5	<5	<10	<5
615050	5946450	19	10.5	46.1	<5	<5	<10	<5
615025	5946450	18	7.9	41.6	5.4	<5	<10	<5
615000	5946450	<10	5.6	40.1	6.9	<5	<10	<5
614975	5946450	<10	<5	19.2	<5	<5	<10	<5
614950	5946450	<10	5.1	36.2	<5	<5	<10	<5
614925	5946450	<10	7.5	26.3	<5	<5	<10	<5
614900	5946450	<10	9.4	34.4	<5	<5	<10	<5
614875	5946450	<10	<5	18.5	<5	<5	<10	<5
614850	5946450	10.4	9.5	25.3	<5	<5	<10	<5
614825	5946450	16	7.9	31.9	<5	<5	<10	<5
614800	5946450	<10	9	23.6	<5	<5	<10	<5
614775	5946450	<10	5.5	40.6	<5	<5	<10	<5
614750	5946450	21	8.1	74	<5	<5	<10	<5
614725	5946450	<10	<5	28.8	<5	<5	<10	<5
614700	5946450	<10	5.5	33.1	<5	<5	<10	<5
614675	5946450	<10	7.3	28.7	<5	<5	11	<5
614450	5946450	<10	8.3	30.6	<5	<5	<10	<5
614425	5946450	20	9.2	43.1	5.5	<5	<10	<5
614400	5946450	<10	6.3	25.5	<5	<5	<10	<5
614375	5946450	13	10.1	36	<5	<5	<10	<5
614350	5946450	<10	9.5	36.2	<5	<5	<10	<5
614325	5946450	<10	8.9	28.4	5.1	<5	<10	<5
614300	5946450	18	21.7	49.3	9.1	<5	<10	<5
614275	5946450	<10	<5	26.5	<5	<5	<10	<5
614250	5946450	<10	14	29.6	5.3	<5	<10	<5
614225	5946450	29	11	71	8.9	<5	<10	<5
614200	5946450	17	9.7	47.6	7.6	<5	<10	<5
615100	5946300	<10	6.8	33.2	<5	<5	<10	<5
615075	5946300	11.1	10.2	42.2	<5	<5	<10	<5
615050	5946300	<10	7.6	18.3	<5	<5	<10	<5
615025	5946300	<10	6.9	39.6	<5	<5	<10	<5
615000	5946300	14	8.8	33	5.9	<5	<10	<5
614975	5946300	10.7	7	36.9	9.3	<5	<10	<5
614950	5946300	<10	5.2	37.5	<5	<5	<10	<5
614925	5946300	<10	6.5	32.5	<5	<5	<10	<5
614900	5946300	10.7	8	30.5	<5	<5	<10	<5
614875	5946300	14	6.2	39.2	<5	<5	<10	<5
614850	5946300	<10	7.2	19.1	<5	<5	<10	<5
614825	5946300	11.4	6.6	49.7	<5	<5	<10	<5

East NAD83_Z9	North NAD83_Z9	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Mo_ppm	Ag_ppm	Hg_ppm
614800	5946300	<10	7.9	45.4	<5	<5	<10	<5
614775	5946300	<10	7.5	57.7	<5	<5	<10	<5
614750	5946300	22	8.3	73	<5	<5	<10	<5
614725	5946300	<10	6.7	49.2	<5	<5	<10	<5
614700	5946300	21	9.1	52	<5	<5	<10	<5
614675	5946300	10.9	8.1	43.5	<5	<5	<10	<5
614650	5946300	<10	<5	44.5	<5	<5	<10	<5
614625	5946300	<10	6.8	41	<5	<5	<10	<5
614600	5946300	<10	6.1	37.8	<5	<5	<10	<5
614575	5946300	14	16.7	51.2	<5	<5	<10	<5
614550	5946300	10	6.9	33	7.1	<5	<10	<5
614525	5946300	13	6.3	34.6	<5	<5	<10	<5
614500	5946300	11	6	48.8	<5	<5	<10	<5
614475	5946300	10.3	8.1	31.8	<5	<5	<10	<5
614450	5946300	<10	<5	31.9	<5	<5	<10	<5
614425	5946300	17	8	65	<5	<5	<10	<5
614400	5946300	14.1	7	42	<5	<5	<10	<5
614375	5946300	28	10.1	73	7.3	<5	<10	<5
614350	5946300	27	17.7	36.1	9.5	<5	<10	<5
614325	5946300	14.6	8.1	35.3	<5	<5	<10	<5
614300	5946300	19	8.4	41.8	8	<5	<10	<5
614275	5946300	19	16.6	40	8.7	<5	<10	<5
614250	5946300	<10	19.9	11.1	8.6	<5	<10	<5
614225	5946300	22	15.6	27.5	10.2	5.1	<10	<5
614200	5946300	22	9.2	58	8.2	<5	<10	<5
615100	5946250	14.5	<5	14.2	<5	<5	<10	<5
615075	5946250	<10	<5	14.4	<5	<5	<10	<5
615050	5946250	16.1	8.1	16.5	<5	<5	<10	<5
615025	5946250	12.1	<5	23.2	<5	<5	<10	<5
615000	5946250	<10	5	13.9	<5	<5	<10	<5
614975	5946250	17	10.7	36.7	5.5	<5	<10	<5
614950	5946250	21	<5	51	7.3	6.3	<10	<5
614925	5946250	<10	7.3	28.2	<5	<5	<10	<5
614900	5946250	19	11.4	39.2	10.4	<5	<10	<5
614875	5946250	<10	7.8	17.6	<5	<5	<10	<5
614850	5946250	27	6.7	34.8	<5	<5	<10	<5
614825	5946250	<10	5.1	34.3	<5	<5	<10	<5
614800	5946250	20.2	6.8	25.2	<5	<5	<10	<5
614775	5946250	17	7.5	53.9	<5	<5	<10	<5
614750	5946250	<10	5.2	27.5	<5	<5	<10	<5
614725	5946250	17.8	5.4	25	<5	<5	<10	<5
614700	5946250	21	11.2	42.9	5.6	<5	<10	<5
614325	5946250	14	13.4	33.2	7.9	<5	<10	<5
614300	5946250	24	11.2	46	5	<5	<10	<5
614275	5946250	20	13.6	32.4	6.3	<5	<10	<5

East NAD83_Z9	North NAD83_Z9	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Mo_ppm	Ag_ppm	Hg_ppm
614250	5946250	18	11.8	43	11.5	<5	<10	<5
614225	5946250	41	8.9	35.9	<5	<5	<10	<5
614200	5946250	20	15.9	48	<5	<5	<10	<5
615100	5946350	18	6.1	18.9	6.2	<5	<10	<5
615075	5946350	<10	10.6	29.4	9.3	<5	<10	<5
615050	5946350	12	8.2	52	8	<5	<10	<5
615025	5946350	25	<5	28.9	5.7	<5	<10	<5
615000	5946350	<10	8.8	36.2	<5	<5	<10	<5
614975	5946350	11	9.4	35.6	<5	<5	<10	<5
614950	5946350	19	7.7	44.6	5.9	<5	<10	<5
614925	5946350	10.7	8.8	25	<5	<5	<10	<5
614900	5946350	33	8.4	48.3	7.2	<5	<10	<5
614875	5946350	<10	8.2	30.2	<5	<5	<10	<5
614850	5946350	<10	10	44.2	<5	<5	<10	<5
614825	5946350	<10	7.8	23.6	<5	<5	<10	<5
614800	5946350	12.7	6.9	20.7	<5	<5	<10	<5
614775	5946350	34	9	<5	11.6	8.3	15	<5
614750	5946350	<10	6.9	33.9	<5	<5	<10	<5
614700	5946350	23	5.4	51	<5	<5	<10	<5
614675	5946350	11	7.7	42.7	<5	<5	<10	<5
614650	5946350	13.8	7.2	39	<5	<5	<10	<5
614625	5946350	<10	6.9	34.6	<5	<5	<10	<5
614600	5946350	<10	12.3	25.4	<5	<5	<10	<5
614575	5946350	<10	10.2	44.4	<5	<5	<10	<5
614550	5946350	<10	10.7	21.5	<5	<5	<10	<5
614525	5946350	<10	6.8	43.1	<5	<5	<10	<5
614500	5946350	<10	<5	26.9	<5	<5	<10	<5
614475	5946350	<10	5.1	30.8	<5	<5	<10	<5
614450	5946350	10	6.6	81	<5	<5	<10	<5
615100	5946050	18	8.3	45.9	8.2	<5	<10	<5
615075	5946050	<10	6.2	12.2	<5	<5	<10	<5
615050	5946050	<10	9.4	25.7	<5	<5	<10	<5
615025	5946050	14	8.6	28.2	<5	<5	<10	<5
615000	5946050	18	7.8	25.9	5.3	<5	<10	<5
614975	5946050	21	7.1	38	<5	<5	<10	<5
614950	5946050	30	9.1	61	8.5	<5	<10	<5
614925	5946050	50	9.6	101	<5	<5	<10	<5
614900	5946050	28	12.3	60	10.7	<5	<10	<5
614875	5946050	34	19.6	75	15.7	<5	<10	<5
614850	5946050	36	8.3	30.5	<5	<5	<10	<5
614825	5946050	<10	12.1	19.7	6	<5	<10	<5
614550	5946150	88	7.1	64	<5	<5	<10	<5
614525	5946150	50	5.8	61	<5	<5	<10	<5
614500	5946150	32	7.6	36.9	<5	<5	<10	<5
614475	5946150	23	6.2	41.4	<5	<5	<10	<5

East NAD83_Z9	North NAD83_Z9	Cu_ppm	Pb_ppm	Zn_ppm	As_ppm	Mo_ppm	Ag_ppm	Hg_ppm
614425	5946150	<10	6.1	28.9	<5	<5	<10	<5
614400	5946150	33	11.6	28.7	<5	<5	<10	<5
614375	5946150	39	21.3	49	6.9	<5	<10	<5
614350	5946150	24	10.8	55	11.8	<5	<10	<5
614325	5946150	18	10	55	6.2	<5	<10	<5
614300	5946150	26	14.1	53	8.1	<5	<10	<5
614225	5946150	25	8.9	55	<5	<5	<10	<5
614725	5946350	22	10.2	18.5	12.4	<5	<10	<5
614425	5946350	34	5.4	39.6	5	<5	<10	<5
614400	5946350	23	8.4	65	9.4	<5	<10	<5
614375	5946350	33	15.6	29.5	10.9	<5	<10	<5
614350	5946350	<10	15.4	37.9	6.2	<5	<10	<5
614675	5946250	14	6.4	46.8	<5	<5	<10	<5
614650	5946250	21	<5	34.6	<5	<5	<10	<5
614625	5946250	18	<5	44.7	<5	<5	<10	<5
614600	5946250	17.4	7.4	43	<5	<5	<10	<5
614575	5946250	22	9.9	63	7.6	<5	<10	<5
614550	5946250	<10	<5	29.3	<5	<5	<10	<5
614475	5946250	<10	8.3	27.7	<5	<5	<10	<5
614500	5946250	10.9	6.7	34.6	<5	<5	<10	<5
614450	5946250	12.2	9.1	25.3	<5	<5	<10	<5
614425	5946250	<10	6	35.7	<5	<5	<10	<5
614400	5946250	13.9	11.6	37.7	<5	<5	<10	<5
614375	5946250	18.8	5.9	30.9	6.4	<5	<10	<5
614300	5946250	16.8	<5	16.3	<5	<5	<10	<5
614350	5946250	13	9.5	39.6	6.1	<5	<10	<5
614325	5946250	19	13.1	47.6	<5	<5	<10	<5
614275	5946250	15	13	49.6	7.1	<5	<10	<5
614250	5946250	48	9.6	55	9.8	<5	<10	<5
614225	5946250	34	13.9	60	5	<5	<10	<5
614200	5946250	11	10.3	31.2	14.4	<5	<10	<5
614175	5946250	27	9.7	52	12.2	<5	<10	<5
614150	5946250	36	17.8	48	11.8	<5	<10	<5
614450	5946150	22.1	5.2	19.5	<5	<5	<10	<5
614525	5946250	19	9.4	26.7	<5	<5	<10	<5

APPENDIX 3

- Ridge Zone Geophysics Station Locations & Mag/VLF Results -

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614100	5946050	55998.63	56139.7	55858.93
614100	5946050	55998.64	56139.81	55858.83
614100	5946050	55998.83	56139.84	55858.99
614125	5946050	56048.77	56145.14	55903.63
614150	5946050	55992.2	56145.06	55847.14
614175	5946050	56041.46	56145.03	55896.43
614200	5946050	56303.04	56145.58	56157.46
614200	5946050	56303.43	56145.95	56157.48
614225	5946050	56036.39	56146.34	55890.05
614250	5946050	55980.84	56146.89	55833.95
614275	5946050	55856.55	56146.74	55709.81
614300	5946050	55854.17	56146.74	55707.43
614325	5946050	55916.78	56146.69	55770.09
614350	5946050	55944.54	56147	55797.54
614375	5946050	55912.64	56148.07	55764.57
614400	5946050	55927.44	56148.59	55778.85
614425	5946050	55973.02	56149.07	55823.95
614450	5946050	56020.28	56149.65	55870.63
614475	5946050	56096.73	56150.35	55946.38
614500	5946050	56183.14	56150.82	56032.32
614525	5946050	56248.04	56150.57	56097.47
614550	5946050	56504.42	56150.37	56354.05
614575	5946050	56317.24	56151.23	56166.01
614600	5946050	56073.53	56152.26	55921.27
614600	5946050	56074.28	56152.28	55922
614625	5946050	56073.78	56153.09	55920.69
614650	5946050	56085.38	56153.74	55931.64
614675	5946050	55937.05	56152.76	55784.29
614700	5946050	56115.64	56152.55	55963.09
614725	5946050	56085.09	56154.51	55930.58
614750	5946050	56030.75	56153.93	55876.82
614775	5946050	56032.89	56153.58	55879.31
614800	5946050	56078.63	56153.96	55924.67
614825	5946050	55929.5	56155.29	55774.21
614850	5946050	55872.68	56155.43	55717.25
614875	5946050	56309.03	56156.34	56152.69
614900	5946050	55850.08	56157.46	55692.62
614925	5946050	55962.16	56157.68	55804.48
614100	5946000	55990.11	56149.23	55840.88
614100	5946000	55990.24	56149.44	55840.8
614100	5946000	55989.92	56149.48	55840.44
614125	5946000	55922.67	56149.66	55773.01
614150	5946000	55943.38	56149.7	55793.68
614175	5946000	56073.91	56149.94	55923.97
614200	5946000	56366.78	56150.34	56216.44
614225	5946000	56162.33	56150.93	56011.4

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614250	5946000	56120.87	56151.32	55969.55
614275	5946000	55887.59	56151.22	55736.37
614300	5946000	55865.03	56151.21	55713.82
614325	5946000	55883.77	56151.62	55732.15
614350	5946000	55889.99	56152.09	55737.9
614375	5946000	55961.42	56152.15	55809.27
614400	5946000	55921.84	56152.3	55769.54
614425	5946000	55957.7	56152.69	55805.01
614450	5946000	55998.97	56152.95	55846.02
614475	5946000	55959.44	56153.21	55806.23
614500	5946000	56008.98	56153.56	55855.42
614525	5946000	56049.59	56154	55895.59
614550	5946000	56072.8	56155.15	55917.65
614575	5946000	56115.13	56155.22	55959.91
614600	5946000	56208.67	56155.27	56053.4
614625	5946000	56043.59	56155.58	55888.01
614650	5946000	56023.43	56155.76	55867.67
614675	5946000	56019.65	56156.13	55863.52
614700	5946000	56044.48	56156.09	55888.39
614725	5946000	56236.12	56155.66	56080.46
614750	5946000	56150.16	56155.7	55994.46
614775	5946000	56090.18	56155.61	55934.57
614800	5946000	56034.38	56155.69	55878.69
614825	5946000	56000.12	56155.66	55844.46
614850	5946000	55965.92	56155.62	55810.3
614875	5946000	55961.49	56155.5	55805.99
614900	5946000	55931.41	56155.31	55776.1
614925	5946000	55939.55	56155.19	55784.36
614950	5946000	55925.8	56155.32	55770.48
614975	5946000	55908.87	56155.5	55753.37
615000	5946000	55931.37	56155.3	55776.07
615025	5946000	56023.14	56155.05	55868.09
615050	5946000	56040.6	56155.05	55885.55
615075	5946000	55987.04	56155	55832.04
615100	5946000	56024.59	56154.81	55869.78
615100	5946000	56024.91	56154.87	55870.04
615100	5946000	56024.6	56154.77	55869.83
615100	5946050	55928.56	56154.77	55773.79
615100	5946050	55928.6	56154.66	55773.94
615100	5946050	55928.56	56154.63	55773.93
615075	5946050	55901.92	56154.5	55747.42
615050	5946050	55897.84	56154.8	55743.04
615025	5946050	55906.73	56154.54	55752.19
615000	5946050	55927.15	56154.71	55772.44
614975	5946050	55994.25	56154.63	55839.62
614950	5946050	56013.04	56154.78	55858.26

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
615100	5946100	55817.19	56153.76	55663.43
615100	5946100	55816.94	56153.76	55663.18
615100	5946100	55817.46	56153.71	55663.75
615075	5946100	55818.84	56153.17	55665.67
615050	5946100	55813.2	56153.01	55660.19
615025	5946100	55807.11	56152.6	55654.51
615000	5946100	55804.95	56153.03	55651.92
614975	5946100	55766.38	56153.12	55613.26
614950	5946100	55772.99	56152.69	55620.3
614925	5946100	55790.37	56152.79	55637.58
614900	5946100	55701.28	56152.43	55548.85
614875	5946100	55713.9	56151.19	55562.71
614850	5946100	55697.83	56150.86	55546.97
614825	5946100	55745.3	56149.75	55595.55
614800	5946100	55917.43	56149.26	55768.17
614775	5946100	55936.09	56148.31	55787.78
614750	5946100	55910.93	56147.91	55763.02
614725	5946100	56005.73	56146.91	55858.82
614700	5946100	55966.68	56146.78	55819.9
614675	5946100	55925.84	56147.05	55778.79
614650	5946100	56131.72	56146.58	55985.14
614625	5946100	56023.95	56145.76	55878.19
614600	5946100	55975.13	56145.02	55830.11
614575	5946100	55791.43	56144.03	55647.4
614550	5946100	56299.79	56143.12	56156.67
614550	5946100	56300.84	56142.93	56157.91
614525	5946100	56250.47	56142.92	56107.55
614500	5946100	56056.27	56142.83	55913.44
614475	5946100	56262.94	56142.39	56120.55
614450	5946100	56258.77	56142.62	56116.15
614425	5946100	56121.42	56142.66	55978.76
614400	5946100	56033.36	56142.8	55890.56
614375	5946100	55967.12	56142.85	55824.27
614350	5946100	55951.34	56142.43	55808.91
614275	5946150	55888.04	56141.29	55746.75
614276	5946150	55888.24	56141.2	55747.04
614277	5946150	55887.35	56141.08	55746.27
614300	5946150	55825.91	56140.66	55685.25
614325	5946150	55893.73	56140.16	55753.57
614350	5946150	55904.93	56139.36	55765.57
614375	5946150	55869.8	56138.87	55730.93
614400	5946150	56010.13	56138.24	55871.89
614425	5946150	56133.94	56137.99	55995.95
614450	5946150	56189.27	56137.65	56051.62
614475	5946150	56234.67	56137.42	56097.25
614500	5946150	56065.9	56137.21	55928.69

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614525	5946150	56175.92	56136.61	56039.31
614525	5946150	56171.15	56136.46	56034.69
614550	5946150	55895.81	56136.57	55759.24
614575	5946150	55955.73	56136.23	55819.5
614600	5946150	56015.32	56136.02	55879.3
614625	5946150	55686.04	56135.13	55550.91
614650	5946150	55939.66	56134.73	55804.93
614675	5946150	55821.31	56134.36	55686.95
614700	5946150	55760.93	56134.04	55626.89
614725	5946150	55738.95	56134.2	55604.75
614750	5946150	55768.52	56133.56	55634.96
614775	5946150	55884.62	56133.62	55751
614800	5946150	55811.85	56133.22	55678.63
614825	5946150	55717.24	56132.97	55584.27
614850	5946150	55740.25	56132.83	55607.42
614875	5946150	55737.68	56133.23	55604.45
614900	5946150	55706	56133.47	55572.53
614925	5946150	55796.11	56133.42	55662.69
614950	5946150	55777.03	56133.67	55643.36
614975	5946150	55777.24	56133.7	55643.54
615000	5946150	55794.51	56133.22	55661.29
615025	5946150	55801.36	56132.88	55668.48
615050	5946150	55799.79	56132.63	55667.16
615075	5946150	55804.68	56132.57	55672.11
615100	5946150	55790.4	56132.82	55657.58
615100	5946150	55790.28	56132.63	55657.65
615100	5946150	55790.02	56132.54	55657.48
615100	5946200	55831.15	56132.46	55698.69
615100	5946200	55831.32	56132.4	55698.92
615100	5946200	55830.64	56132.18	55698.46
615050	5946200	55842.79	56131.96	55710.83
615025	5946200	55852.07	56131.63	55720.44
615000	5946200	55814.93	56131.83	55683.1
614975	5946200	55750.17	56132.26	55617.91
614950	5946200	55745.34	56132.3	55613.04
614925	5946200	55703.22	56132.52	55570.7
614900	5946200	55790.76	56133.16	55657.6
614875	5946200	55786.23	56134.03	55652.2
614850	5946200	55745.15	56134.31	55610.84
614825	5946200	55720.98	56134.06	55586.92
614800	5946200	55685.33	56134.4	55550.93
614775	5946200	55758.75	56134.35	55624.4
614750	5946200	55801.66	56134.55	55667.11
614725	5946200	55803	56135.36	55667.64
614700	5946200	55774.84	56135.78	55639.06
614675	5946200	55708.32	56135.4	55572.92

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614650	5946200	55821.45	56136.24	55685.21
614625	5946200	55941.94	56136.15	55805.79
614600	5946200	55989.7	56136.36	55853.34
614575	5946200	55841.79	56136.38	55705.41
614550	5946200	56072.98	56136.74	55936.24
614525	5946200	55802.78	56136.53	55666.25
614500	5946200	56151.8	56136.55	56015.25
614475	5946200	55947.37	56136.72	55810.65
614450	5946200	56152.55	56136.48	56016.07
614425	5946200	56197.96	56136.81	56061.15
614400	5946200	56314.74	56136.57	56178.17
614375	5946200	55931.67	56136.99	55794.68
614350	5946200	55751.9	56137.55	55614.35
614325	5946200	55769.29	56138.05	55631.24
614300	5946200	55864.89	56138.41	55726.48
614275	5946200	55859.84	56138.87	55720.97
614250	5946200	55805.13	56138.58	55666.55
614225	5946200	55800.16	56138.63	55661.53
614224	5946200	55800.35	56138.44	55661.91
614223	5946200	55800.23	56138.62	55661.61
614225	5946250	55744.19	56138.34	55605.85
614226	5946250	55744.5	56138.28	55606.22
614227	5946250	55744.32	56138.24	55606.08
614250	5946250	55814.07	56138.31	55675.76
614275	5946250	55841.97	56139.2	55702.77
614300	5946250	55825.34	56139.27	55686.07
614325	5946250	55815.76	56139.81	55675.95
614350	5946250	55835.77	56139.8	55695.97
614375	5946250	55995.63	56140.04	55855.59
614400	5946250	56186.28	56140.67	56045.61
614425	5946250	56063.02	56140.76	55922.26
614450	5946250	56063.83	56140.71	55923.12
614475	5946250	55921.59	56140.82	55780.77
614500	5946250	55865.01	56140.66	55724.35
614525	5946250	56095.2	56140.63	55954.57
614550	5946250	55741.51	56140.67	55600.84
614575	5946250	55779.5	56140.35	55639.15
614600	5946250	55615.82	56140.01	55475.81
614625	5946250	55686.1	56139.72	55546.38
614650	5946250	55669.98	56139.82	55530.16
614675	5946250	55786.18	56139.59	55646.59
614700	5946250	55787.13	56138.7	55648.43
614725	5946250	55835.06	56139.2	55695.86
614750	5946250	55802.96	56139.48	55663.48
614775	5946250	55768.73	56139.38	55629.35
614800	5946250	55783.06	56140.11	55642.95

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614825	5946250	55814.85	56140.68	55674.17
614850	5946250	55780.13	56140.41	55639.72
614875	5946250	55731.52	56140.19	55591.33
614900	5946250	55752.28	56139.87	55612.41
614925	5946250	55768.27	56139.69	55628.58
614950	5946250	55792.39	56139.89	55652.5
614975	5946250	55832.88	56139.69	55693.19
615000	5946250	55875.66	56139.58	55736.08
615025	5946250	55869.34	56139.65	55729.69
615050	5946250	55792.62	56140.1	55652.52
615075	5946250	55755.34	56140.86	55614.48
615100	5946250	55722.17	56140.5	55581.67
615100	5946300	55732.94	56139.97	55592.97
615100	5946300	55732.62	56140.19	55592.43
615100	5946300	55731.99	56140.15	55591.84
615075	5946300	55697.35	56139.98	55557.37
615050	5946300	55724.78	56139.78	55585
615025	5946300	55844.83	56139.23	55705.6
615000	5946300	55877.55	56138.73	55738.82
614975	5946300	55886.67	56138.17	55748.5
614950	5946300	55835.29	56138.45	55696.84
614925	5946300	55790.11	56139.07	55651.04
614900	5946300	55823.74	56139.1	55684.64
614875	5946300	55826.61	56140.8	55685.81
614850	5946300	55809.47	56141.13	55668.34
614825	5946300	55856.76	56141.87	55714.89
614800	5946300	55821.15	56142.41	55678.74
614775	5946300	55848.78	56142.53	55706.25
614750	5946300	55745.5	56142.48	55603.02
614725	5946300	55937.56	56142.73	55794.83
614700	5946300	55638.12	56143.59	55494.53
614675	5946300	55729.38	56144.51	55584.87
614650	5946300	55736.03	56145.15	55590.88
614625	5946300	55684.56	56145.16	55539.4
614600	5946300	55685.79	56144.65	55541.14
614575	5946300	55820.73	56144.6	55676.13
614550	5946300	55917.71	56143.97	55773.74
614525	5946300	55856.48	56143.83	55712.65
614500	5946300	55827.28	56144.28	55683
614475	5946300	55772.51	56144.23	55628.28
614450	5946300	55648.45	56145.57	55502.88
614425	5946300	55769.43	56146.17	55623.26
614400	5946300	55955.1	56146.35	55808.75
614375	5946300	56346.65	56147.07	56199.58
614350	5946300	55955.42	56146.15	55809.27
614325	5946300	55820.49	56147.8	55672.69

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614300	5946300	55791.14	56148.18	55642.96
614275	5946300	55765.61	56148.82	55616.79
614250	5946300	55754.31	56148.62	55605.69
614225	5946300	55749.09	56148.92	55600.17
614100	5946000	55990.11	56149.23	55840.88
614100	5946000	55990.24	56149.44	55840.8
614100	5946000	55989.92	56149.48	55840.44
614125	5946000	55922.67	56149.66	55773.01
614150	5946000	55943.38	56149.7	55793.68
614175	5946000	56073.91	56149.94	55923.97
614200	5946000	56366.78	56150.34	56216.44
614225	5946000	56162.33	56150.93	56011.4
614250	5946000	56120.87	56151.32	55969.55
614275	5946000	55887.59	56151.22	55736.37
614300	5946000	55865.03	56151.21	55713.82
614325	5946000	55883.77	56151.62	55732.15
614350	5946000	55889.99	56152.09	55737.9
614375	5946000	55961.42	56152.15	55809.27
614400	5946000	55921.84	56152.3	55769.54
614425	5946000	55957.7	56152.69	55805.01
614450	5946000	55998.97	56152.95	55846.02
614475	5946000	55959.44	56153.21	55806.23
614500	5946000	56008.98	56153.56	55855.42
614525	5946000	56049.59	56154	55895.59
614550	5946000	56072.8	56155.15	55917.65
614575	5946000	56115.13	56155.22	55959.91
614600	5946000	56208.67	56155.27	56053.4
614625	5946000	56043.59	56155.58	55888.01
614650	5946000	56023.43	56155.76	55867.67
614675	5946000	56019.65	56156.13	55863.52
614700	5946000	56044.48	56156.09	55888.39
614725	5946000	56236.12	56155.66	56080.46
614750	5946000	56150.16	56155.7	55994.46
614775	5946000	56090.18	56155.61	55934.57
614800	5946000	56034.38	56155.69	55878.69
614825	5946000	56000.12	56155.66	55844.46
614850	5946000	55965.92	56155.62	55810.3
614875	5946000	55961.49	56155.5	55805.99
614900	5946000	55931.41	56155.31	55776.1
614925	5946000	55939.55	56155.19	55784.36
614950	5946000	55925.8	56155.32	55770.48
614975	5946000	55908.87	56155.5	55753.37
615000	5946000	55931.37	56155.3	55776.07
615025	5946000	56023.14	56155.05	55868.09
615050	5946000	56040.6	56155.05	55885.55
615075	5946000	55987.04	56155	55832.04

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
615100	5946000	56024.59	56154.81	55869.78
615100	5946000	56024.91	56154.87	55870.04
615100	5946000	56024.6	56154.77	55869.83
615100	5946050	55928.56	56154.77	55773.79
615100	5946050	55928.6	56154.66	55773.94
615100	5946050	55928.56	56154.63	55773.93
615075	5946050	55901.92	56154.5	55747.42
615050	5946050	55897.84	56154.8	55743.04
615025	5946050	55906.73	56154.54	55752.19
615000	5946050	55927.15	56154.71	55772.44
614975	5946050	55994.25	56154.63	55839.62
614950	5946050	56013.04	56154.78	55858.26
615100	5946100	55817.19	56153.76	55663.43
615100	5946100	55816.94	56153.76	55663.18
615100	5946100	55817.46	56153.71	55663.75
615075	5946100	55818.84	56153.17	55665.67
615050	5946100	55813.2	56153.01	55660.19
615025	5946100	55807.11	56152.6	55654.51
615000	5946100	55804.95	56153.03	55651.92
614975	5946100	55766.38	56153.12	55613.26
614950	5946100	55772.99	56152.69	55620.3
614925	5946100	55790.37	56152.79	55637.58
614900	5946100	55701.28	56152.43	55548.85
614875	5946100	55713.9	56151.19	55562.71
614850	5946100	55697.83	56150.86	55546.97
614825	5946100	55745.3	56149.75	55595.55
614800	5946100	55917.43	56149.26	55768.17
614775	5946100	55936.09	56148.31	55787.78
614750	5946100	55910.93	56147.91	55763.02
614725	5946100	56005.73	56146.91	55858.82
614700	5946100	55966.68	56146.78	55819.9
614675	5946100	55925.84	56147.05	55778.79
614650	5946100	56131.72	56146.58	55985.14
614625	5946100	56023.95	56145.76	55878.19
614600	5946100	55975.13	56145.02	55830.11
614575	5946100	55791.43	56144.03	55647.4
614550	5946100	56299.79	56143.12	56156.67
614550	5946100	56300.84	56142.93	56157.91
614525	5946100	56250.47	56142.92	56107.55
614500	5946100	56056.27	56142.83	55913.44
614475	5946100	56262.94	56142.39	56120.55
614450	5946100	56258.77	56142.62	56116.15
614425	5946100	56121.42	56142.66	55978.76
614400	5946100	56033.36	56142.8	55890.56
614375	5946100	55967.12	56142.85	55824.27
614350	5946100	55951.34	56142.43	55808.91

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614275	5946150	55888.04	56141.29	55746.75
614276	5946150	55888.24	56141.2	55747.04
614277	5946150	55887.35	56141.08	55746.27
614300	5946150	55825.91	56140.66	55685.25
614325	5946150	55893.73	56140.16	55753.57
614350	5946150	55904.93	56139.36	55765.57
614375	5946150	55869.8	56138.87	55730.93
614400	5946150	56010.13	56138.24	55871.89
614425	5946150	56133.94	56137.99	55995.95
614450	5946150	56189.27	56137.65	56051.62
614475	5946150	56234.67	56137.42	56097.25
614500	5946150	56065.9	56137.21	55928.69
614525	5946150	56175.92	56136.61	56039.31
614525	5946150	56171.15	56136.46	56034.69
614550	5946150	55895.81	56136.57	55759.24
614575	5946150	55955.73	56136.23	55819.5
614600	5946150	56015.32	56136.02	55879.3
614625	5946150	55686.04	56135.13	55550.91
614650	5946150	55939.66	56134.73	55804.93
614675	5946150	55821.31	56134.36	55686.95
614700	5946150	55760.93	56134.04	55626.89
614725	5946150	55738.95	56134.2	55604.75
614750	5946150	55768.52	56133.56	55634.96
614775	5946150	55884.62	56133.62	55751
614800	5946150	55811.85	56133.22	55678.63
614825	5946150	55717.24	56132.97	55584.27
614850	5946150	55740.25	56132.83	55607.42
614875	5946150	55737.68	56133.23	55604.45
614900	5946150	55706	56133.47	55572.53
614925	5946150	55796.11	56133.42	55662.69
614950	5946150	55777.03	56133.67	55643.36
614975	5946150	55777.24	56133.7	55643.54
615000	5946150	55794.51	56133.22	55661.29
615025	5946150	55801.36	56132.88	55668.48
615050	5946150	55799.79	56132.63	55667.16
615075	5946150	55804.68	56132.57	55672.11
615100	5946150	55790.4	56132.82	55657.58
615100	5946150	55790.28	56132.63	55657.65
615100	5946150	55790.02	56132.54	55657.48
615100	5946200	55831.15	56132.46	55698.69
615100	5946200	55831.32	56132.4	55698.92
615100	5946200	55830.64	56132.18	55698.46
615050	5946200	55842.79	56131.96	55710.83
615025	5946200	55852.07	56131.63	55720.44
615000	5946200	55814.93	56131.83	55683.1
614975	5946200	55750.17	56132.26	55617.91

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614950	5946200	55745.34	56132.3	55613.04
614925	5946200	55703.22	56132.52	55570.7
614900	5946200	55790.76	56133.16	55657.6
614875	5946200	55786.23	56134.03	55652.2
614850	5946200	55745.15	56134.31	55610.84
614825	5946200	55720.98	56134.06	55586.92
614800	5946200	55685.33	56134.4	55550.93
614775	5946200	55758.75	56134.35	55624.4
614750	5946200	55801.66	56134.55	55667.11
614725	5946200	55803	56135.36	55667.64
614700	5946200	55774.84	56135.78	55639.06
614675	5946200	55708.32	56135.4	55572.92
614650	5946200	55821.45	56136.24	55685.21
614625	5946200	55941.94	56136.15	55805.79
614600	5946200	55989.7	56136.36	55853.34
614575	5946200	55841.79	56136.38	55705.41
614550	5946200	56072.98	56136.74	55936.24
614525	5946200	55802.78	56136.53	55666.25
614500	5946200	56151.8	56136.55	56015.25
614475	5946200	55947.37	56136.72	55810.65
614450	5946200	56152.55	56136.48	56016.07
614425	5946200	56197.96	56136.81	56061.15
614400	5946200	56314.74	56136.57	56178.17
614375	5946200	55931.67	56136.99	55794.68
614350	5946200	55751.9	56137.55	55614.35
614325	5946200	55769.29	56138.05	55631.24
614300	5946200	55864.89	56138.41	55726.48
614275	5946200	55859.84	56138.87	55720.97
614250	5946200	55805.13	56138.58	55666.55
614225	5946200	55800.16	56138.63	55661.53
614224	5946200	55800.35	56138.44	55661.91
614223	5946200	55800.23	56138.62	55661.61
614225	5946250	55744.19	56138.34	55605.85
614226	5946250	55744.5	56138.28	55606.22
614227	5946250	55744.32	56138.24	55606.08
614250	5946250	55814.07	56138.31	55675.76
614275	5946250	55841.97	56139.2	55702.77
614300	5946250	55825.34	56139.27	55686.07
614325	5946250	55815.76	56139.81	55675.95
614350	5946250	55835.77	56139.8	55695.97
614375	5946250	55995.63	56140.04	55855.59
614400	5946250	56186.28	56140.67	56045.61
614425	5946250	56063.02	56140.76	55922.26
614450	5946250	56063.83	56140.71	55923.12
614475	5946250	55921.59	56140.82	55780.77
614500	5946250	55865.01	56140.66	55724.35

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614525	5946250	56095.2	56140.63	55954.57
614550	5946250	55741.51	56140.67	55600.84
614575	5946250	55779.5	56140.35	55639.15
614600	5946250	55615.82	56140.01	55475.81
614625	5946250	55686.1	56139.72	55546.38
614650	5946250	55669.98	56139.82	55530.16
614675	5946250	55786.18	56139.59	55646.59
614700	5946250	55787.13	56138.7	55648.43
614725	5946250	55835.06	56139.2	55695.86
614750	5946250	55802.96	56139.48	55663.48
614775	5946250	55768.73	56139.38	55629.35
614800	5946250	55783.06	56140.11	55642.95
614825	5946250	55814.85	56140.68	55674.17
614850	5946250	55780.13	56140.41	55639.72
614875	5946250	55731.52	56140.19	55591.33
614900	5946250	55752.28	56139.87	55612.41
614925	5946250	55768.27	56139.69	55628.58
614950	5946250	55792.39	56139.89	55652.5
614975	5946250	55832.88	56139.69	55693.19
615000	5946250	55875.66	56139.58	55736.08
615025	5946250	55869.34	56139.65	55729.69
615050	5946250	55792.62	56140.1	55652.52
615075	5946250	55755.34	56140.86	55614.48
615100	5946250	55722.17	56140.5	55581.67
615100	5946300	55732.94	56139.97	55592.97
615100	5946300	55732.62	56140.19	55592.43
615100	5946300	55731.99	56140.15	55591.84
615075	5946300	55697.35	56139.98	55557.37
615050	5946300	55724.78	56139.78	55585
615025	5946300	55844.83	56139.23	55705.6
615000	5946300	55877.55	56138.73	55738.82
614975	5946300	55886.67	56138.17	55748.5
614950	5946300	55835.29	56138.45	55696.84
614925	5946300	55790.11	56139.07	55651.04
614900	5946300	55823.74	56139.1	55684.64
614875	5946300	55826.61	56140.8	55685.81
614850	5946300	55809.47	56141.13	55668.34
614825	5946300	55856.76	56141.87	55714.89
614800	5946300	55821.15	56142.41	55678.74
614775	5946300	55848.78	56142.53	55706.25
614750	5946300	55745.5	56142.48	55603.02
614725	5946300	55937.56	56142.73	55794.83
614700	5946300	55638.12	56143.59	55494.53
614675	5946300	55729.38	56144.51	55584.87
614650	5946300	55736.03	56145.15	55590.88
614625	5946300	55684.56	56145.16	55539.4

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614600	5946300	55685.79	56144.65	55541.14
614575	5946300	55820.73	56144.6	55676.13
614550	5946300	55917.71	56143.97	55773.74
614525	5946300	55856.48	56143.83	55712.65
614500	5946300	55827.28	56144.28	55683
614475	5946300	55772.51	56144.23	55628.28
614450	5946300	55648.45	56145.57	55502.88
614425	5946300	55769.43	56146.17	55623.26
614400	5946300	55955.1	56146.35	55808.75
614375	5946300	56346.65	56147.07	56199.58
614350	5946300	55955.42	56146.15	55809.27
614325	5946300	55820.49	56147.8	55672.69
614300	5946300	55791.14	56148.18	55642.96
614275	5946300	55765.61	56148.82	55616.79
614250	5946300	55754.31	56148.62	55605.69
614100	5945950	55954.38	56160	55794.38
614100	5945950	55954.41	56160.01	55794.4
614100	5945950	55954.31	56160.05	55794.26
614125	5945950	55957.87	56160.04	55797.83
614150	5945950	56028.86	56160.02	55868.84
614175	5945950	56031.38	56159.97	55871.41
614200	5945950	56069.7	56159.72	55909.98
614225	5945950	55962.73	56159.22	55803.51
614225	5945950	55963.6	56159.08	55804.52
614225	5945950	55958.93	56158.5	55800.43
614250	5945950	55937.78	56157.93	55779.85
614275	5945950	55908.51	56157.34	55751.17
614300	5945950	55958.44	56156.78	55801.66
614325	5945950	55914.72	56156.32	55758.4
614325	5945950	55914.34	56156.24	55758.1
614350	5945950	56078.84	56155.86	55922.98
614375	5945950	55849.85	56155.62	55694.23
614400	5945950	55873.25	56155.39	55717.86
614425	5945950	55904.47	56155.28	55749.19
614450	5945950	55932.09	56155.16	55776.93
614475	5945950	55961.75	56155.13	55806.62
614500	5945950	55975.22	56155.03	55820.19
614500	5945950	55975.01	56155.2	55819.81
614525	5945950	56034.19	56155.22	55878.97
614550	5945950	56081.77	56155.23	55926.54
614575	5945950	56021.08	56155.39	55865.69
614600	5945950	56023.35	56155.17	55868.18
614625	5945950	56083.99	56154.27	55929.72
614650	5945950	56026.26	56152.82	55873.44
614675	5945950	56009.79	56152.15	55857.64
614700	5945950	56087.02	56151.67	55935.35

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614725	5945950	56039.02	56151.28	55887.74
614750	5945950	56022.43	56150.79	55871.64
614775	5945950	56134.66	56150.5	55984.16
614800	5945950	56072.39	56150.26	55922.13
614825	5945950	56333.38	56149.79	56183.59
614850	5945950	56138.8	56148.94	55989.86
614875	5945950	55955.99	56149	55806.99
614900	5945950	55927.23	56148.38	55778.85
614925	5945950	55868.97	56148.36	55720.61
614950	5945950	55844.82	56148.04	55696.78
614975	5945950	55868.65	56147.51	55721.14
615000	5945950	55925.44	56147.55	55777.89
615025	5945950	55899.85	56147.33	55752.52
615050	5945950	55916.12	56147.07	55769.05
615075	5945950	55945.59	56146.78	55798.81
615100	5945950	55968.05	56146.29	55821.76
615100	5946350	55832.83	56144.24	55688.59
615100	5946350	55832.6	56144.16	55688.44
615100	5946350	55832.01	56144.17	55687.84
615075	5946350	55816.95	56143.8	55673.15
615050	5946350	55755.42	56143.54	55611.88
615025	5946350	55708.58	56143.57	55565.01
615000	5946350	55853.25	56143.37	55709.88
614975	5946350	55815.1	56143.53	55671.57
614950	5946350	55875.15	56143.32	55731.83
614925	5946350	55918.13	56143.39	55774.74
614900	5946350	55805.62	56143.28	55662.34
614875	5946350	55794.31	56143.03	55651.28
614850	5946350	55858.53	56142.45	55716.08
614825	5946350	55872.22	56141.91	55730.31
614825	5946350	55872.73	56141.95	55730.78
614800	5946350	55866.13	56142.31	55723.82
614800	5946350	55867.02	56142.27	55724.75
614775	5946350	55779.43	56142.22	55637.21
614750	5946350	55841.99	56142.46	55699.53
614725	5946350	55708.4	56142.41	55565.99
614700	5946350	55719.1	56142.88	55576.22
614675	5946350	55755.32	56141.9	55613.42
614650	5946350	55794.07	56141.59	55652.48
614625	5946350	55954.67	56141.54	55813.13
614600	5946350	55871.59	56141.39	55730.2
614575	5946350	55641.03	56141.31	55499.72
614550	5946350	55632.02	56141.12	55490.9
614525	5946350	55784.91	56140.84	55644.07
614500	5946350	55669.3	56140.7	55528.6
614475	5946350	55524.84	56140.52	55384.32

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614450	5946350	55493.17	56139.88	55353.29
614425	5946350	55625.09	56139.69	55485.4
614400	5946350	55753.67	56139.71	55613.96
614400	5946350	55754.31	56139.73	55614.58
614375	5946350	55509.65	56139.02	55370.63
614350	5946350	55496.5	56138.74	55357.76
614325	5946350	55714.2	56138.08	55576.12
614300	5946350	55777.25	56138.14	55639.11
614275	5946350	55770.52	56137.92	55632.6
614250	5946350	55746.8	56137.81	55608.99
614225	5946350	55751.75	56137.93	55613.82
614200	5946350	55756.83	56137.89	55618.94
614175	5946350	55800.4	56137.36	55663.04
614150	5946350	55808.22	56137.37	55670.85
614125	5946350	55748.09	56136.83	55611.26
614100	5946400	55719.68	56135.5	55584.18
614100	5946400	55719.94	56135.58	55584.36
614100	5946400	55719.96	56135.62	55584.34
614125	5946400	55718.32	56136.12	55582.2
614150	5946400	55689.24	56136.09	55553.15
614175	5946400	55798.81	56135.69	55663.12
614200	5946400	55785.03	56134.84	55650.19
614225	5946400	55932.14	56134.53	55797.61
614250	5946400	55858.15	56134.34	55723.81
614275	5946400	55797.72	56133.69	55664.03
614275	5946400	55798.43	56133.58	55664.85
614300	5946400	55818.33	56133.28	55685.05
614325	5946400	56028.22	56133.2	55895.02
614350	5946400	55694.78	56133.09	55561.69
614375	5946400	55527.16	56133.04	55394.12
614400	5946400	55517.12	56132.93	55384.19
614425	5946400	55637.04	56132.7	55504.34
614450	5946400	55679.76	56132.54	55547.22
614475	5946400	55664.28	56132.3	55531.98
614500	5946400	55623.28	56132.4	55490.88
614525	5946400	55906.24	56132.23	55774.01
614550	5946400	55865.23	56132.08	55733.15
614575	5946400	55520.82	56131.84	55388.98
614600	5946400	55733.33	56131.62	55601.71
614625	5946400	55800.44	56131.57	55668.87
614650	5946400	55734.96	56131.4	55603.56
614675	5946400	55815.17	56131.31	55683.86
614700	5946400	55880.65	56130.95	55749.7
614725	5946400	55787.08	56130.88	55656.2
614750	5946400	55861.73	56130.98	55730.75
614775	5946400	55904.93	56131.22	55773.71

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614800	5946400	55966.36	56131.55	55834.81
614825	5946400	55849.54	56131.59	55717.95
614850	5946400	55839.91	56131.84	55708.07
614875	5946400	55886.27	56132.22	55754.05
614900	5946400	55778.87	56132.28	55646.59
614925	5946400	55740.01	56132.32	55607.69
614950	5946400	55726.9	56132.21	55594.69
614975	5946400	55732.02	56131.69	55600.33
615000	5946400	55786.75	56131.58	55655.17
615025	5946400	55791.75	56131.58	55660.17
615050	5946400	55804.85	56131.47	55673.38
615075	5946400	55847.29	56131.67	55715.62
615100	5946400	55762.46	56131.44	55631.02
615100	5946400	55762.24	56131.44	55630.8
615100	5946400	55762.09	56131.37	55630.72
615100	5946450	55792.21	56131.22	55660.99
615100	5946450	55792.23	56131.27	55660.96
615100	5946450	55792.07	56131.25	55660.82
615075	5946450	55804.57	56133.1	55671.47
615050	5946450	55806.47	56133.63	55672.84
615025	5946450	55813.99	56133.87	55680.12
615000	5946450	55820.31	56134.04	55686.27
614975	5946450	55793.64	56134.04	55659.6
614950	5946450	55780.19	56135.74	55644.45
614925	5946450	55925.15	56136.04	55789.11
614900	5946450	55766.08	56136.57	55629.51
614875	5946450	55786.98	56137.15	55649.83
614850	5946450	55825.61	56137.37	55688.24
614825	5946450	55808.34	56137.84	55670.5
614775	5946450	55824.06	56138.23	55685.83
614750	5946450	55842.03	56138.37	55703.66
614725	5946450	55673.22	56138.9	55534.32
614700	5946450	55756.11	56139.49	55616.62
614700	5946450	55757.6	56139.59	55618.01
614675	5946450	55605.79	56140.17	55465.62
614650	5946450	55657.95	56140.65	55517.3
614625	5946450	55957.52	56141.59	55815.93
614600	5946450	55900.82	56142.18	55758.64
614575	5946450	55734.9	56142.52	55592.38
614550	5946450	55752.82	56142.99	55609.83
614525	5946450	55610.39	56143.44	55466.95
614500	5946450	55689.07	56144.83	55544.24
614475	5946450	55722.85	56145.56	55577.29
614450	5946450	55743.79	56145.36	55598.43
614425	5946450	55739.58	56145.68	55593.9
614400	5946450	55705.78	56145.69	55560.09

East_NAD83_Z9	North_NAD83_Z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614375	5946450	55773.73	56145.76	55627.97
614350	5946450	55776.26	56145.61	55630.65
614325	5946450	55702.27	56145.72	55556.55
614300	5946450	55740.5	56145.9	55594.6
614275	5946450	55769.62	56145.24	55624.38
614250	5946450	55867.17	56144.8	55722.37
614225	5946450	55818.17	56143.69	55674.48
614200	5946450	55818.22	56143.04	55675.18
614175	5946450	55783.92	56142.99	55640.93
614150	5946450	55760.62	56143.24	55617.38
614125	5946450	55773.87	56143.45	55630.42
614100	5946450	55770.66	56143.17	55627.49

East NAD83_Z9	North NAD83_Z9	Seatle ip_vert_perc	Seatle op_vert_perc	Hawaii ip_vert_perc	Hawaii op_vert_perc
614100	5946050	3.9	12.7	15.4	11.3
614125	5946050	0.9	14.7	13.3	13
614150	5946050	-9.6	4.6	6.9	8.5
614175	5946050	-22.2	-2.5	0.4	6.5
614200	5946050	-29.8	-7.1	-4.3	4.2
614225	5946050	-34.6	-11.4	-6.4	6.5
614250	5946050	-34	-12.7	-5.1	6.8
614275	5946050	-35.9	-17.4	-15.3	-1.8
614300	5946050	-39.4	-28.2	-23.3	-10
614325	5946050	-42.5	-32	-23	-11.6
614350	5946050	-42.2	-28.5	-22.8	-11.8
614375	5946050	-39.7	-25.6	-20	-5.7
614400	5946050	-42	-23.5	-22.7	-5
614425	5946050	-47.6	-32.5	-22.4	-6.1
614450	5946050	-54.9	-34.8	-30.9	-8.6
614475	5946050	-55.3	-25.5	-32.8	-2.5
614500	5946050	-56.6	-30.2	-25.9	0
614525	5946050	-60.3	-32.8	-37.3	-5.5
614550	5946050	-67.6	-40.5	-58.3	-13.5
614575	5946050	-57.8	-38.3	-34.4	-12.2
614600	5946050	-53.6	-35.6	-37.4	-6.7
614625	5946050	-39.9	-32.1	-19.1	-9.6
614650	5946050	-36.9	-33	-18.4	-11
614675	5946050	-41.6	-28.5	-25.7	-19.4
614700	5946050	-42.4	-40.5	-17.1	-15
614725	5946050	-48.9	-47.4	-24.3	-16.7
614750	5946050	-48.9	-48.7	-18.3	-16.3
614775	5946050	-51.4	-52.1	-30.3	-25.4
614800	5946050	-55.7	-51.6	-36.9	-24
614825	5946050	-50.9	-44.6	-22.7	-9.3
614850	5946050	-40.6	-32.9	-30.7	-11.8
614875	5946050	-33.8	-28	-12.8	-6.9
614900	5946050	-39.4	-29.3	-41	-10.9
614925	5946050	-40.4	-31.9	-29	-9.4
614950	5946050	-55.7	-15	-15.5	-6.5
614975	5946050	-49.6	-16.4	-16.6	-4.7
615000	5946050	-53.4	-15.1	-16.5	-7.8
615025	5946050	-47.9	-14.9	-15.8	-11
615050	5946050	-48.4	-17.8	-20.2	-10.6
615075	5946050	-45.5	-13.5	-12	-12
615100	5946050	-42.2	-13.2	-18.6	-12
614100	5946000	-15.5	-15.3	21.4	1.7
614125	5946000	-31.2	-20.7	21.3	7.7
614150	5946000	-34.7	-18.6	20.4	9.1
614175	5946000	-15.7	-11	18.7	8.7

East NAD83_Z9	North NAD83_Z9	Seatle ip_vert_perc	Seatle op_vert_perc	Hawaii ip_vert_perc	Hawaii op_vert_perc
614200	5946000	-27.4	-13.2	13	9
614225	5946000	-33	-18.9	5.6	7.5
614250	5946000	-39.8	-6.1	9.2	13.1
614275	5946000	-44.7	-13.7	5.9	5.8
614300	5946000	-36.4	-18	-0.8	3.2
614325	5946000	-24.4	-27.1	3.6	10.3
614350	5946000	14.4	-9.5	1.8	8.1
614375	5946000	-35.4	-16.1	-0.8	7.3
614400	5946000	-57.7	-14.5	0.8	4.1
614425	5946000	12.1	-13.8	-4.6	3.2
614450	5946000	12.9	-14.3	-6	4.9
614475	5946000	-51.1	-7.2	5.5	13.6
614500	5946000	16.4	-8	-1.2	7.7
614525	5946000	-57.7	-18.4	4.6	10.4
614550	5946000	13.4	-12.7	-4.1	2.7
614575	5946000	-72.4	-7.8	8	14.4
614600	5946000	-53	8	0.3	1.4
614625	5946000	-57.2	-21.5	-3	0.1
614650	5946000	-29.7	-9.9	0.5	-3.4
614675	5946000	-25.6	-6.1	1.3	2.8
614700	5946000	-16.6	2.5	1.9	3.6
614725	5946000	-20.7	4.1	-2.4	7.8
614750	5946000	-26.1	3.9	-2.6	7.2
614775	5946000	-28.3	-0.8	-3.4	0.8
614800	5946000	-30.9	-4.9	-4	7.4
614825	5946000	-36.1	-9.7	-7.3	1.4
614850	5946000	-31.7	-6.1	-5.5	5
614875	5946000	-25	-9.8	-5.2	6.5
614900	5946000	-28.6	-10.1	-7.4	1.2
614925	5946000	-32.6	-11.3	-9.6	0.8
614950	5946000	-31	-10.8	-7.5	2.2
614975	5946000	-32.4	-8.7	-3.7	1.5
615000	5946000	-44.1	-21.7	-8.6	-2.8
615025	5946000	-48.7	-20.2	-10.6	-6.7
615050	5946000	-49.2	-21.2	-12.8	-7
615075	5946000	-44.1	-21.7	-12.1	-11.5
615100	5946000	-40.7	-17.7	-12.5	-8.7
615100	5946100	-44.4	-16.4	-19.8	-9.3
615075	5946100	-46.5	-15.4	-19.4	-14.1
615050	5946100	-41.4	-16.1	-15.5	-9.1
615025	5946100	-51.5	-19.3	-20.5	-12.3
615000	5946100	-53.4	-15.5	-21.1	-10.7
614975	5946100	-61.2	-20.9	-20.6	-5.9
614950	5946100	-59.6	-19.8	-17.8	-5
614925	5946100	-51	-16.6	-21.1	-14.4

East NAD83_Z9	North NAD83_Z9	Seatle ip_vert_perc	Seatle op_vert_perc	Hawaii ip_vert_perc	Hawaii op_vert_perc
614900	5946100	-51.9	-19.7	-25.2	-14.3
614875	5946100	-41.8	-18.2	-18.5	-10
614850	5946100	-39.9	-17.3	-18.9	-9.7
614825	5946100	-53.6	-21.8	-19.1	-9
614800	5946100	-49.6	-23.1	-20.2	-11.3
614775	5946100	-51.3	-22.9	-20.3	-14.3
614750	5946100	-47.7	-23.9	-16.5	-8.1
614725	5946100	-38.2	-16.7	-26.6	-23.7
614700	5946100	-58.7	-23.9	-16.8	-13.4
614675	5946100	-57.3	-23.9	-18.3	-13.6
614650	5946100	-54.6	-17.7	-21.6	-12.1
614625	5946100	-37.8	-4	-14.2	-3.1
614600	5946100	-36.3	0	-9.9	6.4
614575	5946100	-58.7	-9.7	-37	-11.1
614550	5946100	-53.6	-1.5	-29	-1.5
614550	5946100	-46.6	-4.7	-26.6	-0.8
614525	5946100	-57.5	-8	-28.1	-3.9
614500	5946100	-61.1	-8.1	-26.2	-5
614475	5946100	-61.9	-13.5	-26.1	-4.4
614450	5946100	-62.2	-15.4	-27.8	-6.1
614425	5946100	-64.6	-16.8	-31.6	-10.2
614400	5946100	-76	-29.4	-33.4	-16.1
614375	5946100	-76.1	-27.6	-34.8	-15.2
614350	5946100	-72.7	-25.3	-32.6	-16
614275	5946150	-77.9	-31.5	-18	-10.7
614276	5946150	-81.3	-31.4	-18.8	-12.3
614277	5946150	-72.9	-28	-17.9	-11.1
614300	5946150	-66.1	-19.4	-19.1	-5.4
614325	5946150	-64.9	-21.6	-21.5	-5.2
614350	5946150	-61.2	-15.7	-19	-4.7
614375	5946150	-62.1	-20	-22.3	-6.7
614400	5946150	-62.8	-15.9	-20.7	-7.8
614425	5946150	-61.2	-15.3	-19.5	-6.7
614450	5946150	-59	-16.9	-20.4	-5.6
614475	5946150	-59.5	-9.1	-16.2	0.2
614500	5946150	-49.7	-9.9	-16	0.2
614525	5946150	-50.9	-11.6	-15.8	3.5
614525	5946150	-47.5	-9.6	-15.6	4
614550	5946150	-45.5	-9.8	-15	3.1
614575	5946150	-42.7	-10.3	-18.3	2.4
614600	5946150	-62.1	-20.6	-10.1	0.8
614625	5946150	-50.2	-12.4	-11.5	-7.6
614650	5946150	-49.8	-12.4	-12.2	-2.9
614675	5946150	-47.7	-15.9	-5.2	0
614700	5946150	-40.5	-12.9	1	1.1

East NAD83_Z9	North NAD83_Z9	Seatle ip_vert_perc	Seatle op_vert_perc	Hawaii ip_vert_perc	Hawaii op_vert_perc
614725	5946150	-34.7	-15.8	3.5	0.8
614750	5946150	-45.5	-19.2	-4.3	-4.5
614775	5946150	-36.3	-21.5	-2.2	-2.7
614800	5946150	-43.6	-23.5	-5.6	-4.7
614825	5946150	-40.4	-22.1	-7.4	-2.7
614850	5946150	-39.4	-23.3	-7.7	-3.3
614875	5946150	-46.2	-24.7	-12.4	-6
614900	5946150	-47.7	-22.5	-9.6	-4.3
614925	5946150	-57.3	-25.9	-8.1	-4.7
614950	5946150	-64.5	-28.5	-14.2	-10.7
614975	5946150	-47.8	-11.9	-9.2	0.6
615000	5946150	-40.1	-8.3	-10.4	-1.3
615025	5946150	-40.7	-9.5	-8.1	-0.8
615050	5946150	-43.4	-19.8	-8.5	-3.5
615075	5946150	-46	-16.6	-9.6	-1.1
615100	5946150	-44.8	-17.1	-10	-7.9
615100	5946150	-47.9	-17.2	-11.5	-8.7
615100	5946150	-52	-16.1	-13.3	-7.8
615100	5946200	49	25	14.4	13.6
615100	5946200	-49.9	-24.8	-14.1	-11.8
615100	5946200	-53.1	-28.8	-14.6	-11.7
615050	5946200	-51.3	-21.3	-13.4	-8.4
615025	5946200	-52.2	-19.9	-11.5	-10.4
615000	5946200	-53.4	-17.8	-14.9	-8.3
614975	5946200	-38.8	-14.2	-13.3	-8.8
614950	5946200	-41.4	-20.8	-11.2	-8.9
614925	5946200	-33.2	-11.7	-25.5	-12
614900	5946200	-38.5	-15.3	-12.4	-1.2
614875	5946200	-39.2	-16.9	-8.5	-5.9
614850	5946200	-35.6	-14.3	-6.1	-4.6
614825	5946200	-25.2	-19.5	-7.2	-10.1
614800	5946200	-18.3	-14.7	-0.6	-4.5
614775	5946200	-30.2	-24.2	-6.8	-7.6
614750	5946200	-36.2	-21.7	-8.3	-6.1
614725	5946200	-38.5	-18.3	-7.5	-5.5
614700	5946200	-34.8	-11	-8.1	-2.7
614675	5946200	-42	-15.6	-13.8	-8.7
614650	5946200	-51	-11.6	-20.3	-8.6
614625	5946200	-47.5	-1.2	-17.8	-2.6
614600	5946200	-41	-3.4	-16	-1.4
614575	5946200	-62	-23.3	-20.8	-5.6
614550	5946200	-49.1	-13.4	-18.5	-1.6
614525	5946200	-37	-2.6	-18.9	-1.4
614500	5946200	-40.7	-9.4	-17.4	-2.8
614475	5946200	-54.9	-18.8	-23.3	-8.2

East NAD83_Z9	North NAD83_Z9	Seatle ip_vert_perc	Seatle op_vert_perc	Hawaii ip_vert_perc	Hawaii op_vert_perc
614450	5946200	-52.5	-15.3	-27.1	-16.8
614425	5946200	-61	-16.8	-27.1	-16
614400	5946200	-57.5	-17.7	-29.1	-13.2
614375	5946200	-47.6	-12	-26.7	-10.7
614350	5946200	-61.7	-15.7	-29.6	-10.1
614325	5946200	-61.1	-15.7	-26.6	-12.1
614300	5946200	-67.5	-20.4	-27.7	-7.9
614275	5946200	-72.6	-17.9	-29.6	-13.3
614250	5946200	-82	-25	-36.7	-16.2
614225	5946200	-79	-23.9	-30.7	-11.6
614224	5946200	-75.8	-20.2	-29.8	-9.7
614223	5946200	-71.6	-19.5	-29.6	-9.7
614225	5946250	-83.2	-22.7	-22.7	-10.6
614226	5946250	-82.9	-23.2	-19.1	-10.7
614227	5946250	-85.2	-23.2	-21.4	-11
614250	5946250	-93.4	-29.5	-25	-19.9
614275	5946250	-98.1	-39.2	-31.1	-23.4
614300	5946250	-84.2	-26.3	-24.5	-12.5
614325	5946250	-81.3	-29.3	-28.5	-11.5
614350	5946250	-72.8	-26.4	-29.4	-13.2
614375	5946250	-77.4	-25.5	-25.6	-15.5
614400	5946250	-64.5	-20	-26.8	-9.5
614425	5946250	-60.9	-20.3	-22.7	-11.7
614450	5946250	-61.3	-24.8	-17.1	-11.2
614475	5946250	-58	-26.7	-20.7	-10.6
614500	5946250	-53.1	-19.3	-17	-9.5
614525	5946250	-61.7	-25.4	-9.9	-1.9
614550	5946250	-61.2	-22.6	-14.5	-3.2
614575	5946250	-59	-19.2	-13.9	-6.1
614600	5946250	-62.9	-29.4	-19.4	-13.1
614625	5946250	-66.9	-21.3	-22.9	-12.1
614650	5946250	-64.5	-20	-20.9	-7.3
614675	5946250	-58.6	-16.3	-17	-6.1
614700	5946250	-56.2	-27.7	-18.3	-13.6
614725	5946250	-44	-18.9	-7.5	-2.7
614750	5946250	-32	-7.3	-2.6	2.8
614775	5946250	-23.6	-6.4	0.1	1.9
614800	5946250	-19.2	-5.9	17.1	10.2
614825	5946250	-26.5	-12.3	3.6	1.4
614850	5946250	-25	-11.3	2.5	4.2
614875	5946250	-24.2	-7.4	6	4.2
614900	5946250	-29.3	-7.9	3.4	4.8
614925	5946250	-34.8	-9.7	-2	5.8
614950	5946250	-50.6	-20	-4.6	5.5
614975	5946250	-50.3	-17.2	-6.6	-1.8

East NAD83_Z9	North NAD83_Z9	Seatle ip_vert_perc	Seatle op_vert_perc	Hawaii ip_vert_perc	Hawaii op_vert_perc
615000	5946250	-52.3	-26.8	-4.2	2.6
615025	5946250	-55.7	-25	-10.7	-2.5
615050	5946250	-43.1	-25.1	-4.8	-3.9
615075	5946250	-40.8	-19.9	-6.6	-5.4
615100	5946250	-34	-21.2	-1.1	-2.8
615100	5946300	-22.6	-7	-18.5	-14.3
615100	5946300	-19.6	-3.5	-18.3	-13
615100	5946300	-19.3	-4.7	-16.9	-13.1
615075	5946300	-25.9	-7.2	-12.5	-8.9
615050	5946300	-17.3	-6.6	-7.4	-1.9
615025	5946300	-18.3	-6.7	-1.9	6.2
615000	5946300	-36.2	-15.9	-9.9	-0.3
614975	5946300	-29.8	-2.4	-6.7	5.4
614950	5946300	-35.2	-7.7	-5.3	3.5
614925	5946300	-55.5	-10.4	-18.2	-3.1
614900	5946300	-56.7	-12.5	-19.3	-3.6
614875	5946300	-41	-10.3	-15.8	-1.9
614850	5946300	-32.6	-3	-7.7	2.8
614825	5946300	-33.4	-2.6	-8.9	0
614800	5946300	-38.7	-5.8	-13.8	-1.4
614775	5946300	-46.9	-6.1	-18.1	-3.1
614750	5946300	-51.4	-5.7	-26.3	-6.2
614725	5946300	-68.3	-13.2	-36.6	-13.2
614700	5946300	-90	-17.7	-44.9	-20.9
614675	5946300	-80.8	-18.4	-34.6	-11.3
614650	5946300	-79.6	-13.5	-34	-12.3
614625	5946300	-68	-12.3	-26.7	-9.8
614600	5946300	-69.8	-15.4	-29.3	-7.7
614575	5946300	-58.1	-12.1	-21.6	-5.3
614550	5946300	-59.5	-15.2	-21.9	-9.4
614525	5946300	-58.9	-14.2	-22.4	-1
614500	5946300	-62.4	-19.7	-16.9	-7.7
614475	5946300	-56.7	-21	-24.6	-12.7
614450	5946300	-58.3	-21.3	-32.1	-21.6
614425	5946300	-73.2	-38	-37.7	-27.6
614400	5946300	-65.9	-22.7	-36.8	-29.4
614375	5946300	-65.5	-28.5	-30.3	-17
614350	5946300	-59.4	-20	-31.5	-16.5
614325	5946300	-72.6	-29.3	-32.7	-17.5
614300	5946300	-74.1	-24.6	-28.5	-18.7
614275	5946300	-63.2	-18.3	-21.7	-11.4
614250	5946300	-65.5	-18.3	-21.4	-14.7
614225	5946300	-59.9	-19.2	-22.6	-6.6
614100	5945950	36.4	13.1	27.7	7.1
614100	5945950	35.6	14.8	29.7	7

East NAD83_Z9	North NAD83_Z9	Seatle ip_vert_perc	Seatle op_vert_perc	Hawaii ip_vert_perc	Hawaii op_vert_perc
614100	5945950	34.8	12.6	29.1	6.3
614125	5945950	36	10.5	29	7.4
614150	5945950	37.8	10.7	28.4	9.8
614175	5945950	30.6	8.3	24.4	6.4
614200	5945950	23.7	11.4	26	7.2
614225	5945950	-200	-200	52	-76.5
614225	5945950	22.4	-86.2	55.7	-60.8
614225	5945950	-34.4	-13.8	68.8	40.6
614250	5945950	-24.8	-10.7	46.1	23.7
614275	5945950	-29.3	-18.7	29	16.8
614300	5945950	-30	-13.6	27.7	15.5
614325	5945950	-29	-13.5	25.9	16
614325	5945950	-32.2	-14.3	27.3	18
614350	5945950	-28.4	-14.8	25.9	13.2
614375	5945950	-37.1	-17.2	27.1	14.6
614400	5945950	-21.6	-15	15.4	9.4
614425	5945950	-9	-6.1	11.8	7.9
614450	5945950	-2.4	-2	7.1	7.1
614475	5945950	-2.1	-3.7	8.6	8.3
614500	5945950	5.2	3.4	-0.1	4.2
614500	5945950	2.9	3.2	6.2	4.7
614525	5945950	9.4	3.6	0.8	2.5
614550	5945950	11.4	0.6	-0.8	2.9
614575	5945950	4.2	-1.9	8	9.3
614600	5945950	-1.5	-7.6	9.1	9.8
614625	5945950	-3.5	-9.5	13.8	11.6
614650	5945950	5.2	-5	8.4	8.3
614675	5945950	8.5	-2.2	4.9	5
614700	5945950	6.8	-2.8	3.2	4.5
614725	5945950	9.2	-1.4	2.4	5.7
614750	5945950	6.1	-5	5.5	10.8
614775	5945950	6.3	-12.1	7.3	14.2
614800	5945950	5.7	-15.3	9.5	17
614825	5945950	16	-4.7	0.3	11.6
614850	5945950	22.3	1.6	-2.8	6.1
614875	5945950	20	1.5	-2.4	6.1
614900	5945950	16.5	1.1	-1.9	5.1
614925	5945950	18.8	3.6	-3.5	3.6
614950	5945950	18.8	6.2	-3.1	1.5
614975	5945950	22.4	11.4	-6.6	-1.8
615000	5945950	18	9.8	-2	-2.6
615025	5945950	17.7	11.1	0	-0.7
615050	5945950	17.3	14.9	1.4	-3.9
615075	5945950	11.2	8.8	3.1	0
615100	5945950	7.8	3.5	5.4	3.1

East NAD83_Z9	North NAD83_Z9	Seatle ip_vert_perc	Seatle op_vert_perc	Hawaii ip_vert_perc	Hawaii op_vert_perc
615100	5946350	16.3	-2.7	-3.5	0.3
615100	5946350	13.4	-1.7	-1.4	0.5
615100	5946350	15	-1.7	-2.4	0.6
615075	5946350	13.3	-5.9	-0.9	1.8
615050	5946350	11.2	-2.7	1.1	2.7
615025	5946350	9	-2	3.4	9.4
615000	5946350	23.2	7.2	-3.1	3.7
614975	5946350	28.3	6	-3.6	1.9
614950	5946350	33.8	5	-5.3	1.9
614925	5946350	35.8	6.6	-7.3	1.8
614900	5946350	37.6	5.5	-11.3	0.9
614875	5946350	43.8	11.3	-11.7	-0.7
614850	5946350	50.6	15.2	-13.1	1.6
614825	5946350	51.1	12.2	-15.1	1.9
614825	5946350	50.4	12.6	-13.6	1.5
614800	5946350	61.7	16.2	-22.4	-5.3
614800	5946350	59.8	13.2	-20.7	-2.1
614775	5946350	84.5	24.1	-35.9	-13.4
614750	5946350	67.5	18.9	-31.7	-17
614725	5946350	53.7	14.1	-28.4	-17.5
614700	5946350	51.9	3.6	-26.3	-11
614675	5946350	59.3	8.9	-25.3	-8.5
614650	5946350	58	11	-26.2	-8.1
614625	5946350	63.4	13.3	-24.2	-6.9
614600	5946350	57.8	12.9	-19.4	-2.2
614575	5946350	60.6	14.4	-20.7	-2.6
614550	5946350	59.2	14.3	-20.4	-4.1
614525	5946350	67.9	14.3	-21.2	-2.8
614500	5946350	69.1	18.3	-22.6	-8.8
614475	5946350	65.4	24.3	-27.5	-17.6
614450	5946350	52.3	13.1	-27.8	-17.8
614425	5946350	52	17.8	-30.6	-25.8
614400	5946350	50	20.6	-30.2	-24.1
614400	5946350	46.3	19.6	-24.2	-17.7
614375	5946350	45.5	20	-19.2	-13.2
614350	5946350	52.4	23.8	-20.4	-11.4
614325	5946350	48.3	18.3	-17.1	-12.5
614300	5946350	48.8	12.7	-20	-7.9
614275	5946350	47.7	17.3	-16.4	-9.6
614250	5946350	53.6	19.5	-15.2	-12.4
614225	5946350	59	24.8	-17.8	-13.3
614200	5946350	62.8	23.7	-19.7	-11.5
614175	5946350	70.5	27.4	-26.3	-16.5
614150	5946350	73.1	28.8	-23.1	-17.2
614125	5946350	71.9	27.9	-23.9	-17.3

East NAD83_Z9	North NAD83_Z9	Seatle ip_vert_perc	Seatle op_vert_perc	Hawaii ip_vert_perc	Hawaii op_vert_perc
614100	5946400	44	39.3	-9.5	-11.6
614100	5946400	47.8	38	-9.1	-10
614100	5946400	48.8	38.1	-10.4	-13.7
614125	5946400	50.7	36.7	-9.7	-11.9
614150	5946400	57.9	43.7	-12.6	-13.3
614175	5946400	58	44.8	-16.2	-20.7
614200	5946400	51.8	34.1	-14.6	-17.4
614225	5946400	49.6	24.2	-15.3	-14.5
614250	5946400	45	24.4	-13.6	-13.1
614275	5946400	41.6	26.2	-13.9	-9.4
614275	5946400	36.7	22.4	-10.7	-8.2
614300	5946400	38.8	20.8	-12.7	-5.3
614325	5946400	39.5	15	-14	-6.2
614350	5946400	38.6	12.1	-11.7	2
614375	5946400	34.7	15.3	-12.9	-4
614400	5946400	35.8	17.8	-14.7	-8.1
614425	5946400	51.5	17.6	-19.5	-14.7
614450	5946400	64.4	25.6	-19.5	-11.4
614475	5946400	80.6	35.3	-23.1	-12.5
614500	5946400	82.9	38.1	-24.1	-11.4
614525	5946400	66.2	28	-18.3	-6.4
614550	5946400	60.3	24.2	-19.2	-8.4
614575	5946400	59.1	20	-22	-10
614600	5946400	53.8	21.3	-17.9	-5.6
614625	5946400	52.1	16.7	-18	-6.3
614650	5946400	59.1	23.9	-21.4	-8.3
614675	5946400	68.5	27.8	-29.5	-16.3
614700	5946400	64.7	23.6	-27.8	-12.8
614725	5946400	55.3	16.2	-23.1	-8.5
614750	5946400	55.4	29.6	-22.6	-12.7
614775	5946400	68.3	33.9	-24.1	-13.3
614800	5946400	58.8	35.5	-21.6	-13.1
614825	5946400	42.5	16.5	-9.6	-1.2
614850	5946400	41.8	15.2	-15.5	-3
614875	5946400	36.3	7.1	-11.6	-0.7
614900	5946400	29.6	11	-8.5	1.9
614925	5946400	29	8	-7.2	-0.1
614950	5946400	29.9	11	-6.2	3.7
614975	5946400	37.7	11.4	-11.6	-1.3
615000	5946400	30.5	5.3	-12.2	1.6
615025	5946400	25.2	-1.5	-10.6	3.2
615050	5946400	21.3	-2.5	-7.5	2.8
615075	5946400	22.3	1.7	-9	4.6
615100	5946400	26.4	1.9	-7.3	0.3
615100	5946400	26.2	1.8	-5.7	0.3

East NAD83_Z9	North NAD83_Z9	Seatle ip_vert_perc	Seatle op_vert_perc	Hawaii ip_vert_perc	Hawaii op_vert_perc
615100	5946400	25.4	2.2	-7.9	1.1
615100	5946450	67.7	8.1	-22.9	-12.5
615100	5946450	68.3	9.6	-23.3	-11
615100	5946450	67	9.9	-22.9	-10.7
615075	5946450	52.1	16.4	-22.2	-9.2
615050	5946450	56.4	14.7	-25.9	-13.8
615025	5946450	47	12.1	-17.2	-1.9
615000	5946450	40.3	8.3	-12.5	-1.6
614975	5946450	29.8	3.8	-9.7	1.1
614950	5946450	40.8	12.3	-12.8	-4.6
614925	5946450	42.6	11.9	-13.3	-4.1
614900	5946450	51.5	21.9	-19	-3.4
614875	5946450	48.4	20.9	-17.2	-6.6
614850	5946450	42.2	17	-13.8	-5.2
614825	5946450	42.6	15.2	-11.8	-7.4
614775	5946450	49.4	24.7	-19.4	-13.6
614750	5946450	40.5	20.8	-10.7	-4.1
614725	5946450	45.3	20.3	-12.8	-7.9
614700	5946450	44.5	21.6	-18.2	-12.1
614700	5946450	46.8	23.9	-19.1	-15.3
614675	5946450	42.7	17	-21.6	-14.5
614650	5946450	46.9	18.3	-17.8	-6.8
614625	5946450	50.6	23.1	-13.9	-7.8
614600	5946450	50.8	22.1	-16.1	-10.5
614575	5946450	52.9	22	-14.2	-8.3
614550	5946450	51.2	21.8	-14	-8.2
614525	5946450	56.1	25.3	-17.9	-9.7
614500	5946450	52	22.9	-13.5	-8.1
614475	5946450	54.8	22	-11.3	-7.9
614450	5946450	50.8	20	-9.7	-10.1
614425	5946450	57.3	16.2	-13.9	-11.4
614400	5946450	49	16.2	-14.1	-9.4
614375	5946450	50.9	9.9	-15.1	-9.8
614350	5946450	45.4	4.5	-18.8	-8
614325	5946450	42.6	10.8	-16.2	-6.3
614300	5946450	44.5	13.1	-15.2	-3
614275	5946450	31.3	10.6	-9.4	-9.3
614250	5946450	18.6	4.1	-3.4	-5.7
614225	5946450	17.7	8.1	-0.7	-5.5
614200	5946450	26.2	10.8	-3.1	-5.9
614175	5946450	24	13.6	-4.1	-9.3
614150	5946450	29.8	15.1	-6.1	-9.6
614125	5946450	33.1	19.3	-5.1	-8.9
614100	5946450	29.3	19.5	-3.4	-6

Fraser_East_NAD83_Z9	North_NAD83_Z9	Seatle_Fraser	Hawaii Fraser
614137.5	5946050	36.6	21.4
614162.5	5946050	43.3	24.1
614187.5	5946050	32.6	18
614212.5	5946050	16.6	7.6
614237.5	5946050	5.5	9.7
614262.5	5946050	6.7	27.1
614287.5	5946050	12	25.9
614312.5	5946050	9.4	7.2
614337.5	5946050	0	-3.5
614362.5	5946050	-3	-3.1
614387.5	5946050	7.7	2.3
614412.5	5946050	20.8	10.6
614437.5	5946050	20.6	18.6
614462.5	5946050	9.4	5.4
614487.5	5946050	6.7	-0.5
614512.5	5946050	16	36.9
614537.5	5946050	8.5	29.5
614562.5	5946050	-16.5	-23.8
614587.5	5946050	-31.9	-36.2
614612.5	5946050	-34.6	-34.3
614637.5	5946050	-15	-12.4
614662.5	5946050	7.2	5.3
614687.5	5946050	12.8	-2.7
614712.5	5946050	13.8	-0.2
614737.5	5946050	9	7.2
614762.5	5946050	9.3	24.6
614787.5	5946050	6.3	11
614812.5	5946050	-15.6	-13.8
614837.5	5946050	-32.2	-16.1
614862.5	5946050	-18.3	0.4
614887.5	5946050	5.4	26.5
614912.5	5946050	22.9	-9.3
614937.5	5946050	25.5	-37.9
614962.5	5946050	6.9	-11.4
614987.5	5946050	-4	0.2
615012.5	5946050	-6.7	2.9
615037.5	5946050	-7.4	-0.1
615062.5	5946050	-8.6	-5.4
614137.5	5946000	3.7	3.6
614162.5	5946000	-22.8	10
614187.5	5946000	10	20.5
614212.5	5946000	29.7	16.9
614237.5	5946000	24.1	3.5
614262.5	5946000	8.3	9.7
614287.5	5946000	-23.7	12.3
614312.5	5946000	-71.1	-0.3

Fraser_East_NAD83_Z9	North_NAD83_Z9	Seatle_Fraser	Hawaii Fraser
614337.5	5946000	-39.8	1.8
614362.5	5946000	83.1	5.4
614387.5	5946000	24.6	4.8
614412.5	5946000	-118.1	10.6
614437.5	5946000	-7.4	-3.3
614462.5	5946000	59.7	-14.9
614487.5	5946000	3.1	-3.9
614512.5	5946000	9.6	3.8
614537.5	5946000	17.7	-0.5
614562.5	5946000	81.1	-7.8
614587.5	5946000	51.2	6.6
614612.5	5946000	-38.5	10.8
614637.5	5946000	-54.9	-4.5
614662.5	5946000	-44.7	-5.7
614687.5	5946000	-18	2.3
614712.5	5946000	4.6	8.2
614737.5	5946000	17.1	5.5
614762.5	5946000	12.4	2.4
614787.5	5946000	12.6	5.3
614812.5	5946000	8.6	5.4
614837.5	5946000	-10.3	-0.6
614862.5	5946000	-14.2	-0.2
614887.5	5946000	4.5	6.3
614912.5	5946000	10	4.5
614937.5	5946000	2.2	-5.8
614962.5	5946000	12.9	-4.8
614987.5	5946000	29.4	8
615012.5	5946000	21.4	11.1
615037.5	5946000	0.5	5.7
615062.5	5946000	-13.1	1.2
615062.5	5946100	2	-3.2
615037.5	5946100	17	6.7
615012.5	5946100	21.7	5.7
614987.5	5946100	15.9	-3.2
614962.5	5946100	-4	-2.8
614937.5	5946100	-17.9	7.9
614912.5	5946100	-16.9	4.8
614887.5	5946100	-21.2	-8.9
614862.5	5946100	-0.2	-5.7
614837.5	5946100	21.5	1.9
614812.5	5946100	7.4	2.5
614787.5	5946100	-4.2	-2.5
614762.5	5946100	-15	2.6
614737.5	5946100	-2.1	6.6
614712.5	5946100	30.1	-8
614687.5	5946100	15	-3.5

Fraser_East_NAD83_Z9	North_NAD83_Z9	Seatle_Fraser	Hawaii Fraser
614662.5	5946100	-23.6	0.7
614637.5	5946100	-37.8	-15.8
614612.5	5946100	2.6	11.1
614587.5	5946100	38.2	41.9
614562.5	5946100	5.2	8.7
614550	5946100	-8.2	-11.3
614537.5	5946100	18.4	-1.3
614512.5	5946100	18.9	-2.4
614487.5	5946100	5.5	-0.4
614462.5	5946100	3.8	7.1
614437.5	5946100	16.5	11.1
614412.5	5946100	25.3	8.8
614387.5	5946100	8.2	2.4
614312.5	5946150	-17.9	3.4
614337.5	5946150	-7.7	0.7
614362.5	5946150	-1.2	2.5
614387.5	5946150	0.7	-1.1
614412.5	5946150	-4.7	-3.1
614437.5	5946150	-5.5	-3.6
614462.5	5946150	-11	-7.7
614487.5	5946150	-17.9	-4.8
614512.5	5946150	-10.8	-0.8
614525	5946150	-7.6	-1.2
614537.5	5946150	-10.2	1.9
614562.5	5946150	11.8	-2.2
614587.5	5946150	24.1	-11.7
614612.5	5946150	-4.8	-4.7
614637.5	5946150	-14.8	-4.2
614662.5	5946150	-11.8	-19.5
614687.5	5946150	-22.3	-21.9
614712.5	5946150	-8	-3.4
614737.5	5946150	6.6	11
614762.5	5946150	-0.3	7
614787.5	5946150	2.2	6.5
614812.5	5946150	-0.1	7.3
614837.5	5946150	1.6	7.1
614862.5	5946150	14.1	6.9
614887.5	5946150	19.4	-2.4
614912.5	5946150	27.9	0.3
614937.5	5946150	7.3	5.7
614962.5	5946150	-33.9	-2.7
614987.5	5946150	-31.5	-4.9
615012.5	5946150	-3.8	-3
615037.5	5946150	8.6	-0.4
615062.5	5946150	6.7	3
615037.5	5946200	1.2	-1.6

Fraser_East_NAD83_Z9	North_NAD83_Z9	Seatle_Fraser	Hawaii Fraser
615012.5	5946200	-11.3	3.3
614987.5	5946200	-25.4	-1.9
614962.5	5946200	-17.6	8.5
614937.5	5946200	-8.5	13.4
614912.5	5946200	3.1	-15.8
614887.5	5946200	3.1	-23.3
614862.5	5946200	-16.9	-7.6
614837.5	5946200	-31.3	-6.8
614812.5	5946200	-12.3	-5.9
614787.5	5946200	22.9	7.3
614762.5	5946200	26.2	8.4
614737.5	5946200	6.9	0.5
614712.5	5946200	2.1	6.1
614687.5	5946200	19.7	18.5
614662.5	5946200	21.7	16.2
614637.5	5946200	-4.5	-0.3
614612.5	5946200	4.5	-1.3
614587.5	5946200	22.6	5.5
614562.5	5946200	-16.9	0.6
614537.5	5946200	-33.4	-3
614512.5	5946200	9.5	3.3
614487.5	5946200	29.7	14.1
614462.5	5946200	17.9	13.5
614437.5	5946200	11.1	5.8
614412.5	5946200	-8.4	1.6
614387.5	5946200	-9.2	0.1
614362.5	5946200	17.7	0.4
614337.5	5946200	19.3	-2
614312.5	5946200	17.3	1.1
614287.5	5946200	26	12
614262.5	5946200	20.9	10.1
614262.5	5946250	5.7	7.9
614287.5	5946250	-26	-3.1
614312.5	5946250	-28.2	2.3
614337.5	5946250	-15.3	2
614362.5	5946250	-12.2	-5.5
614387.5	5946250	-24.8	-5.5
614412.5	5946250	-19.7	-12.6
614437.5	5946250	-6.1	-11.7
614462.5	5946250	-11.1	-2.1
614487.5	5946250	-4.5	-10.9
614512.5	5946250	11.8	-13.3
614537.5	5946250	5.4	1.5
614562.5	5946250	-1	8.9
614587.5	5946250	9.6	13.9
614612.5	5946250	9.5	10.5

Fraser_East_NAD83_Z9	North_NAD83_Z9	Seatle_Fraser	Hawaii Fraser
614637.5	5946250	-6.7	-4.4
614662.5	5946250	-16.6	-8.5
614687.5	5946250	-22.9	-12.1
614712.5	5946250	-38.8	-25.2
614737.5	5946250	-44.6	-23.3
614762.5	5946250	-33.2	-27.3
614787.5	5946250	-9.9	-23.2
614812.5	5946250	8.7	11.1
614837.5	5946250	3.5	12.2
614862.5	5946250	2	-3.3
614887.5	5946250	14.9	7.1
614912.5	5946250	31.9	16
614937.5	5946250	36.8	12.6
614962.5	5946250	17.2	4.2
614987.5	5946250	7.1	3.7
615012.5	5946250	-3.8	4.7
615037.5	5946250	-24.1	-3.5
615062.5	5946250	-24	-7.8
615062.5	5946300	-9.6	-20.1
615037.5	5946300	11.3	-8.1
615012.5	5946300	30.4	7.3
614987.5	5946300	10.5	0.2
614962.5	5946300	24.7	6.9
614937.5	5946300	47.2	25.5
614912.5	5946300	7	11.6
614887.5	5946300	-38.6	-14
614862.5	5946300	-31.7	-18.5
614837.5	5946300	-1.5	-0.8
614812.5	5946300	19.6	15.3
614787.5	5946300	26.2	21.7
614762.5	5946300	34.1	31
614737.5	5946300	60	37.1
614712.5	5946300	51.1	16.6
614687.5	5946300	2.1	-12.9
614662.5	5946300	-23.2	-18.8
614637.5	5946300	-22.6	-12.6
614612.5	5946300	-19.7	-9.8
614587.5	5946300	-20.2	-12.5
614562.5	5946300	-9.5	-6.6
614537.5	5946300	3.7	-4.2
614512.5	5946300	0.7	-2.8
614487.5	5946300	-6.3	17.4
614462.5	5946300	12.4	28.3
614437.5	5946300	24.1	17.8
614412.5	5946300	-0.1	-2.7
614387.5	5946300	-14.2	-12.7

Fraser_East_NAD83_Z9	North_NAD83_Z9	Seatle_Fraser	Hawaii Fraser
614362.5	5946300	0.6	-2.9
614337.5	5946300	21.8	-0.6
614312.5	5946300	5.3	-14
614287.5	5946300	-18	-18.1
614262.5	5946300	-11.9	-6.2
614137.5	5945950	4	3.9
614162.5	5945950	19.5	7
614187.5	5945950	79.1	-42
614212.5	5945950	113.5	-64.5
614237.5	5945950	43.4	19.7
614262.5	5945950	0.1	58.2
614287.5	5945950	4.9	21.5
614312.5	5945950	1.9	3.5
614325	5945950	1.6	0.4
614337.5	5945950	4.3	0.2
614362.5	5945950	-1.9	10.7
614387.5	5945950	-34.9	25.8
614412.5	5945950	-47.3	23.6
614437.5	5945950	-26.1	11.5
614462.5	5945950	-14.5	10.4
614487.5	5945950	-12.6	9.6
614500	5945950	-9.2	1.5
614512.5	5945950	-12.7	6.1
614537.5	5945950	-3.3	-0.2
614562.5	5945950	18.1	-17.1
614587.5	5945950	20.6	-15.7
614612.5	5945950	1	-5.1
614637.5	5945950	-18.7	9.6
614662.5	5945950	-13.6	14.1
614687.5	5945950	-2.3	7.7
614712.5	5945950	0	0.2
614737.5	5945950	3.6	-7.2
614762.5	5945950	3.3	-8.9
614787.5	5945950	-9.3	3
614812.5	5945950	-26.3	19.3
614837.5	5945950	-20.6	15
614862.5	5945950	1.8	1.8
614887.5	5945950	7	0.2
614912.5	5945950	-1.1	2.3
614937.5	5945950	-5.9	4.3
614962.5	5945950	-2.8	2
614987.5	5945950	5.5	-7.7
615012.5	5945950	5.4	-10
615037.5	5945950	7.2	-6.5
615062.5	5945950	16	-7.1
615062.5	5946350	8.1	-7.8

Fraser_East_NAD83_Z9	North_NAD83_Z9	Seatle_Fraser	Hawaii Fraser
615037.5	5946350	-7.7	-0.1
615012.5	5946350	-31.3	11.2
614987.5	5946350	-29.9	9.2
614962.5	5946350	-18.1	5.9
614937.5	5946350	-11.3	9.7
614912.5	5946350	-11.8	10.4
614887.5	5946350	-21	6.2
614862.5	5946350	-20.3	5.2
614837.5	5946350	-7.1	3.9
614825	5946350	-10.4	7.8
614812.5	5946350	-44.7	29.6
614787.5	5946350	-39.9	31.6
614762.5	5946350	25	1.8
614737.5	5946350	46.4	-12.9
614712.5	5946350	10	-8.5
614687.5	5946350	-11.7	-3.2
614662.5	5946350	-10.2	-1.2
614637.5	5946350	-3.9	-7.9
614612.5	5946350	3	-10.3
614587.5	5946350	1.4	-2.5
614562.5	5946350	-8.7	1.5
614537.5	5946350	-17.2	2.7
614512.5	5946350	-7.4	8.5
614487.5	5946350	19.3	11.5
614462.5	5946350	30.2	8.3
614437.5	5946350	19.4	-0.5
614412.5	5946350	12.5	-15
614387.5	5946350	0.4	-15.2
614362.5	5946350	-8.9	-5.9
614337.5	5946350	0.8	-2.5
614312.5	5946350	4.2	-1.1
614287.5	5946350	-4.2	-5.5
614262.5	5946350	-16.1	-3.4
614237.5	5946350	-20.5	5.9
614212.5	5946350	-20.7	13
614187.5	5946350	-21.8	11.9
614162.5	5946350	-11.7	1
614137.5	5946400	-16.4	8.7
614162.5	5946400	-1.2	8.5
614187.5	5946400	14.5	1.1
614212.5	5946400	15.2	-1.9
614237.5	5946400	14.8	-2.4
614262.5	5946400	16.3	-4.3
614275	5946400	11.1	-4.1
614287.5	5946400	0	2.1
614312.5	5946400	-2.6	2.3

Fraser_East_NAD83_Z9	North_NAD83_Z9	Seatle_Fraser	Hawaii Fraser
614337.5	5946400	5	-2.1
614362.5	5946400	7.6	1.9
614387.5	5946400	-14	9.6
614412.5	5946400	-45.4	11.4
614437.5	5946400	-57.7	8.4
614462.5	5946400	-47.6	8.2
614487.5	5946400	-4.1	-0.2
614512.5	5946400	37	-9.7
614537.5	5946400	29.7	-1.2
614562.5	5946400	13.6	2.4
614587.5	5946400	13.5	-5.3
614612.5	5946400	1.7	-0.5
614637.5	5946400	-21.7	15
614662.5	5946400	-22	17.9
614687.5	5946400	7.6	0
614712.5	5946400	22.5	-11.6
614737.5	5946400	-3.7	-4.2
614762.5	5946400	-16.4	0
614787.5	5946400	22.4	-15.5
614812.5	5946400	42.8	-20.6
614837.5	5946400	23.2	-4.1
614862.5	5946400	18.4	-5
614887.5	5946400	19.5	-11.4
614912.5	5946400	7	-6.7
614937.5	5946400	-9	2.1
614962.5	5946400	-9.3	10.4
614987.5	5946400	11.9	5
615012.5	5946400	21.7	-5.7
615037.5	5946400	12.1	-6.3
615062.5	5946400	-1.2	-1.2
615062.5	5946450	16.4	-2
615037.5	5946450	21.2	-18.4
615012.5	5946450	33.3	-20.9
614987.5	5946450	16.7	-7.2
614962.5	5946450	-13.3	3.9
614937.5	5946450	-23.5	9.8
614912.5	5946450	-16.5	10.1
614887.5	5946450	3.5	-1.3
614862.5	5946450	15.1	-10.6
614837.5	5946450	-1.4	0.2
614800	5946450	-5.1	4.5
614762.5	5946450	6.2	-7.7
614737.5	5946450	0.1	0.9
614712.5	5946450	-1.4	16.3
614687.5	5946450	0.2	8.4
614662.5	5946450	-10.3	-8.1

Fraser_East_NAD83_Z9	North_NAD83_Z9	Seatle_Fraser	Hawaii Fraser
614637.5	5946450	-11.8	-9.4
614612.5	5946450	-6.2	-1.4
614587.5	5946450	-2.7	-1.8
614562.5	5946450	-3.6	1.6
614537.5	5946450	-4	3.2
614512.5	5946450	0.5	-7.1
614487.5	5946450	2.5	-10.4
614462.5	5946450	-1.3	-1.2
614437.5	5946450	-0.7	7
614412.5	5946450	8.2	5.6
614387.5	5946450	10	5.9
614362.5	5946450	11.9	5.8
614337.5	5946450	9.2	-2.5
614312.5	5946450	12.2	-10.4
614287.5	5946450	37.2	-18.6
614262.5	5946450	39.5	-20.5
614237.5	5946450	6	-9
614212.5	5946450	-13.9	3.1
614187.5	5946450	-9.9	6.4
614162.5	5946450	-12.7	4
614137.5	5946450	-8.6	-1.7

APPENDIX 4

-Capitan Zone Geophysics Station Locations & Mag Results-

East_NAD83_Z9	North_NAD83_z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614350	5945300	55834.53	56161.14	55673.39
614350	5945300	55835.27	56161.18	55674.09
614350	5945300	55836.86	56161.12	55675.74
614375	5945300	55848.11	56160.54	55687.57
614400	5945300	55918.46	56159.28	55759.18
614425	5945300	55838.8	56158.69	55680.11
614425	5945300	55839.81	56158.67	55681.14
614450	5945300	55853.71	56158.15	55695.56
614475	5945300	55873.74	56156.63	55717.11
614500	5945300	55833.97	56156.12	55677.85
614500	5945300	55834.82	56156.06	55678.76
614525	5945300	55958.48	56155.27	55803.21
614525	5945300	55970.21	56155.14	55815.07
614550	5945300	55881.28	56154.79	55726.49
614575	5945300	55851.73	56154.71	55697.02
614600	5945300	55896.48	56154.75	55741.73
614625	5945300	55874.95	56154.53	55720.42
614650	5945300	55850.88	56154.35	55696.53
614675	5945300	55819.02	56154.01	55665.01
614700	5945300	55925.28	56151.65	55773.63
614725	5945300	55854.14	56150.72	55703.42
614750	5945300	55862.71	56150.26	55712.45
614775	5945300	55899.28	56148.69	55750.59
614775	5945300	55898	56148.48	55749.52
614800	5945300	55850.9	56147.06	55703.84
614825	5945300	55835.9	56146.92	55688.98
614850	5945300	55830.06	56145.35	55684.71
614875	5945300	55913.27	56144.66	55768.61
614900	5945300	55800.1	56143.77	55656.33
614925	5945300	55827.97	56142.5	55685.47
614950	5945300	55826.92	56141.33	55685.59
614975	5945300	55967.59	56140.01	55827.58
615000	5945300	55949.81	56135.22	55814.59
615025	5945300	55884.35	56135.29	55749.06
615050	5945300	55914.89	56134.89	55780
615075	5945300	55821.24	56133.12	55688.12
615075	5945300	55820.9	56132.98	55687.92
615100	5945300	55879.67	56131.49	55748.18
615125	5945300	55881.69	56130.96	55750.73
615150	5945300	55953.39	56129.83	55823.56
615175	5945300	55961.2	56128.61	55832.59
615200	5945300	55954.22	56128.14	55826.08
615225	5945300	56005.85	56126.84	55879.01
615225	5945300	56007.8	56126.84	55880.96
615250	5945300	55794.06	56123.77	55670.29
615275	5945300	55826.29	56124.28	55702.01

East_NAD83_Z9	North_NAD83_z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
615300	5945300	55808.7	56122.67	55686.03
615325	5945300	55838.93	56120.79	55718.14
615350	5945300	55866.21	56119.63	55746.58
615375	5945300	55868.48	56118.37	55750.11
615375	5945200	55817.9	56113.52	55704.38
615375	5945200	55817.59	56113.39	55704.2
615375	5945200	55816.95	56113.49	55703.46
615350	5945200	55813.77	56114.42	55699.35
615325	5945200	55810.19	56117.56	55692.63
615300	5945200	55841.09	56117.06	55724.03
615275	5945200	55872.73	56114.39	55758.34
615250	5945200	55844.88	56115.54	55729.34
615225	5945200	55833.58	56117.79	55715.79
615200	5945200	55807.99	56119.31	55688.68
615175	5945200	55804.65	56124.97	55679.68
615150	5945200	55898.08	56124.04	55774.04
614350	5945300	55814.23	56146.83	55667.4
614350	5945300	55813.9	56146.64	55667.26
614350	5945250	55921.4	56159.86	55761.54
614350	5945250	55921.19	56159.73	55761.46
614350	5945250	55920.9	56159.65	55761.25
614375	5945250	55785.68	56159.61	55626.07
614400	5945250	55809.95	56158.58	55651.37
614425	5945250	55901.33	56158.11	55743.22
614450	5945250	55853.26	56156.57	55696.69
614475	5945250	55827.17	56156.12	55671.05
614500	5945250	55780.28	56155.67	55624.61
614525	5945250	55862.57	56154.76	55707.81
614550	5945250	55856.83	56154.7	55702.13
614575	5945250	55822.84	56154.46	55668.38
614600	5945250	55836.62	56153.02	55683.6
614625	5945250	55860.11	56152.27	55707.84
614650	5945250	55904.76	56150.8	55753.96
614675	5945250	55795.08	56150.64	55644.44
614700	5945250	55790.58	56150.39	55640.19
614725	5945250	55791.94	56150.3	55641.64
614725	5945250	55792.34	56150.1	55642.24
614750	5945250	55881.96	56149.74	55732.22
614775	5945250	55817.55	56149.53	55668.02
614800	5945250	55792.25	56148.82	55643.43
614825	5945250	55802.13	56147.58	55654.55
614850	5945250	55851.69	56146.92	55704.77
614850	5945250	55851.65	56146.11	55705.54
614875	5945250	55881.56	56145.49	55736.07
614900	5945250	55882.01	56144.08	55737.93
614925	5945250	55921.43	56142.83	55778.6

East_NAD83_Z9	North_NAD83_z9	Mag_raw_nT	Mag_nT_base	Mag_nT_diurnal_corec
614925	5945250	55921.33	56142.07	55779.26
614950	5945250	55886.06	56141.15	55744.91
614975	5945250	55866.48	56137.42	55729.06
615000	5945250	55819.34	56135.22	55684.12
615025	5945250	55787.32	56135.17	55652.15
615050	5945250	55819.39	56135.39	55684
615075	5945250	55856.66	56133.01	55723.65
615075	5945250	55857.21	56133.12	55724.09
615100	5945250	56020.41	56132.4	55888.01
615125	5945250	55929.58	56131.95	55797.63
615150	5945250	55899.03	56131.14	55767.89
615175	5945250	55989.01	56129.42	55859.59
615200	5945250	55763.7	56128.84	55634.86
615225	5945250	55802.21	56127.49	55674.72
615250	5945250	55771.82	56126.83	55644.99
615250	5945250	55771.37	56126.25	55645.12
615275	5945250	55832.69	56123.09	55709.6
615300	5945250	55733.89	56119.38	55614.51
615325	5945250	55894.74	56117.19	55777.55
615350	5945250	55774.52	56115.74	55658.78
615375	5945250	55816.48	56112.63	55703.85
615375	5945250	55816.1	56112.58	55703.52
615400	5945250	55821.15	56111.62	55709.53
615385	5945250	55811.2	56114.73	55696.47
615375	5945250	55802.08	56115.57	55686.51
615350	5945150	55786.08	56117.35	55668.73
615325	5945150	55794.15	56117.07	55677.08
615300	5945150	55787.06	56114.44	55672.62
615275	5945150	55793.25	56117.22	55676.03

APPENDIX 5

-East Kate Zone Geophysics Station Locations & Mag Results-

East_NAD83_Z9	North_NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT_diurnal_corec
609800	5941500	55991.59	56153.48	55838.11
609800	5941500	55991.7	56153.47	55838.23
609800	5941500	55991.7	56153.51	55838.19
609800	5941475	56044.16	56153.67	55890.49
609800	5941450	56070.51	56153.75	55916.76
609800	5941425	56051.85	56153.81	55898.04
609800	5941400	56039.99	56153.9	55886.09
609800	5941375	56025.12	56153.93	55871.19
609800	5941350	56052.44	56154.04	55898.4
609800	5941325	56054.53	56154.16	55900.37
609800	5941300	56068.97	56154.19	55914.78
609800	5941275	56053.35	56154.2	55899.15
609800	5941250	56127.48	56154.3	55973.18
609800	5941225	56258.15	56154.44	56103.71
609800	5941200	56136.82	56154.58	55982.24
609800	5941175	55937.79	56154.68	55783.11
609800	5941150	55957.59	56154.73	55802.86
609800	5941125	55919.32	56154.71	55764.61
609800	5941100	55833.42	56154.78	55678.64
609800	5941075	55793.88	56154.83	55639.05
609800	5941050	55863.69	56154.8	55708.89
609800	5941025	56153.18	56154.83	55998.35
609800	5941000	55972.22	56155.46	55816.76
609800	5940975	56063.53	56155.99	55907.54
609800	5940950	56056.03	56156.16	55899.87
609800	5940925	55945.36	56156.3	55789.06
609800	5940900	55854.99	56156.4	55698.59
609800	5940875	55858.63	56156.47	55702.16
609800	5940850	55761.14	56156.6	55604.54
609800	5940825	55709.5	56156.62	55552.88
609800	5940800	56331.21	56156.53	56174.68
609800	5940800	56331.29	56156.42	56174.87
609800	5940775	55948.36	56156.34	55792.02
609800	5940750	55838.03	56156.48	55681.55
609800	5940725	55959.75	56156.63	55803.12
609800	5940700	55828.65	56156.77	55671.88
609800	5940675	55842.34	56156.76	55685.58
609800	5940650	55933.37	56157.06	55776.31
609800	5940625	55921.81	56157.28	55764.53
609800	5940600	55862.46	56157.69	55704.77
609800	5940575	55858.01	56157.4	55700.61
609800	5940550	55825.32	56157.28	55668.04
609800	5940525	55773.84	56158.57	55615.27
609800	5940500	55762.55	56159.19	55603.36
609800	5940475	55740.07	56158.47	55581.6
609800	5940450	55717.92	56158.09	55559.83

East_NAD83_Z9	North_NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT_diurnal_corec
609800	5940425	55813.7	56157.95	55655.75
609800	5940400	55785.42	56156.75	55628.67
609800	5940375	55786.5	56156.27	55630.23
609800	5940350	55931.03	56156.15	55774.88
609800	5940325	55996.82	56156.03	55840.79
609800	5940300	55854.14	56156.05	55698.09
609800	5940275	55863.42	56156.42	55707
609800	5940250	55867.18	56156.52	55710.66
609800	5940225	55798.74	56156.34	55642.4
609800	5940200	55875.22	56156.64	55718.58
609800	5940175	55932.42	56157.04	55775.38
609800	5940150	55857.49	56157.17	55700.32
609800	5940125	55868.36	56157.08	55711.28
609800	5940100	55854.15	56156.89	55697.26
609800	5940075	55812.78	56157.27	55655.51
609800	5940050	55807.72	56157.35	55650.37
609800	5940025	55806.8	56158.52	55648.28
609800	5940000	55826.73	56159.68	55667.05
609900	5940000	55765.09	56157.66	55607.43
609900	5940025	55854.29	56157.38	55696.91
609900	5940050	55816.93	56157.14	55659.79
609900	5940075	55819.36	56156.74	55662.62
609900	5940100	55866.42	56153.79	55712.63
609900	5940125	56393.11	56153.4	56239.71
609900	5940125	56395.47	56153.43	56242.04
609900	5940150	55750.15	56153.6	55596.55
609900	5940175	55827.68	56153.57	55674.11
609900	5940200	55845.94	56153.33	55692.61
609900	5940225	55723.39	56153.32	55570.07
609900	5940250	55789.34	56153.21	55636.13
609900	5940275	55795.01	56153.03	55641.98
609900	5940300	55796.19	56152.86	55643.33
609900	5940325	55825.64	56152.43	55673.21
609900	5940350	55901.42	56152.06	55749.36
609900	5940375	55867.02	56151.67	55715.35
609900	5940400	55648.83	56151.4	55497.43
609900	5940425	55742.17	56150.88	55591.29
609900	5940450	55846.44	56150.49	55695.95
609900	5940475	55867.71	56150.3	55717.41
609900	5940500	55899.78	56149.64	55750.14
609900	5940525	55928.23	56149.44	55778.79
609900	5940550	55964.01	56149.32	55814.69
609900	5940575	55856.82	56148.82	55708
609900	5940600	55866.02	56148.65	55717.37
609900	5940625	55916.36	56148.45	55767.91
609900	5940650	55862.93	56148.18	55714.75

East_NAD83_Z9	North_NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT_diurnal_corec
609900	5940675	55854.68	56148.04	55706.64
609900	5940700	56179.09	56147.81	56031.28
609900	5940725	55863.18	56147.56	55715.62
609900	5940750	55747.8	56147.52	55600.28
609900	5940775	55809.13	56147.4	55661.73
609900	5940800	55801.58	56147.34	55654.24
609900	5940825	55855.8	56147.21	55708.59
609900	5940850	55842.16	56147.23	55694.93
609900	5940875	55909.1	56147.17	55761.93
609900	5940900	55898.11	56147.14	55750.97
609900	5940925	56012.18	56147.2	55864.98
609900	5940950	56100.47	56147.06	55953.41
609900	5940975	56162.62	56146.82	56015.8
609900	5941000	55903	56146.67	55756.33
609900	5941025	55766.85	56146.62	55620.23
609900	5941050	55806.7	56146.52	55660.18
609900	5941075	55891.51	56146.26	55745.25
609900	5941100	55932.79	56145.99	55786.8
609900	5941125	55965.31	56145.92	55819.39
609900	5941150	55974.02	56145.54	55828.48
609900	5941175	56032.78	56145.32	55887.46
609900	5941200	56131.15	56145.17	55985.98
609900	5941225	56242.15	56144.99	56097.16
609900	5941250	56331.36	56144.8	56186.56
609900	5941275	56298.17	56144.77	56153.4
609900	5941300	56439.17	56144.53	56294.64
609900	5941300	56439.55	56144.49	56295.06
609900	5941325	56276.08	56144.31	56131.77
609900	5941350	56314.88	56144.19	56170.69
609900	5941375	56199.16	56144.18	56054.98
609900	5941400	56078.13	56144.19	55933.94
609900	5941425	56023.77	56144.1	55879.67
609900	5941450	56011.21	56144.03	55867.18
609900	5941475	55981.55	56143.88	55837.67
609900	5941500	55923.55	56143.6	55779.95
609900	5941501	55923.65	56143.59	55780.06
609900	5941502	55923.11	56143.59	55779.52
610000	5941500	55921.79	56138.39	55783.4
610000	5941499	55921.68	56138.37	55783.31
610000	5941498	55921.66	56138.36	55783.3
610000	5941475	55998.53	56137.97	55860.56
610000	5941450	55942.33	56138.02	55804.31
610000	5941425	56055.12	56136.98	55918.14
610000	5941400	56134.57	56136.91	55997.66
610000	5941375	56310.42	56136.6	56173.82
610000	5941350	56209.78	56136.32	56073.46

East_NAD83_Z9	North_NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT_diurnal_corec
610000	5941325	56315.23	56136.12	56179.11
610000	5941300	56407.71	56136.32	56271.39
610000	5941275	56338.46	56136.35	56202.11
610000	5941250	56165.6	56136.2	56029.4
610000	5941225	56018.26	56136.04	55882.22
610000	5941200	55871.33	56136.02	55735.31
610000	5941175	56002.48	56136.58	55865.9
610000	5941150	55961.95	56136.64	55825.31
610000	5941125	55996.81	56136.53	55860.28
610000	5941100	55890.88	56136.85	55754.03
610000	5941075	55866.47	56136.79	55729.68
610000	5941050	55930.98	56136.75	55794.23
610000	5941025	55957.43	56136.86	55820.57
610000	5941000	56044.59	56136.27	55908.32
610000	5940975	55745.61	56135.78	55609.83
610000	5940950	55890.57	56135.31	55755.26
610000	5940925	56010.16	56135.31	55874.85
610000	5940900	56020.72	56135.07	55885.65
610000	5940875	55972.96	56135.08	55837.88
610000	5940850	55903.83	56134.62	55769.21
610000	5940825	55931.18	56134.69	55796.49
610000	5940800	55884.46	56134.57	55749.89
610000	5940775	55880.83	56134.57	55746.26
610000	5940750	55795.48	56134.55	55660.93
610000	5940725	55758.54	56134.42	55624.12
610000	5940700	55934.46	56134.36	55800.1
610000	5940675	56032.11	56134.11	55898
610000	5940650	55860.04	56133.84	55726.2
610000	5940625	55856.66	56133.5	55723.16
610000	5940600	55810.31	56133.48	55676.83
610000	5940575	55962.63	56133.96	55828.67
610000	5940550	55863.08	56134.1	55728.98
610000	5940525	55858.24	56133.88	55724.36
610000	5940500	55857.61	56133.91	55723.7
610000	5940475	55858.74	56134.35	55724.39
610000	5940450	55857.92	56134.62	55723.3
610000	5940425	55792.93	56134.78	55658.15
610000	5940400	55718.72	56134.95	55583.77
610000	5940375	55604.75	56134.78	55469.97
610000	5940350	55885.44	56134.96	55750.48
610000	5940325	55803.75	56135.06	55668.69
610000	5940300	55820.55	56135.29	55685.26
610000	5940275	55817.08	56135.22	55681.86
610000	5940250	55789.46	56134.99	55654.47
610000	5940225	55766.95	56135.11	55631.84
610000	5940200	55665.54	56135.14	55530.4

East_NAD83_Z9	North_NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT_diurnal_corec
610000	5940175	56068.57	56135.09	55933.48
610000	5940175	56069.72	56135.26	55934.46
610000	5940150	56116.03	56135.14	55980.89
610000	5940125	55926.04	56135.36	55790.68
610000	5940100	55935	56135.42	55799.58
610000	5940075	55786.12	56135.42	55650.7
610000	5940050	55786.69	56135.49	55651.2
610000	5940025	55809.97	56135.26	55674.71
610000	5940000	55966.53	56135.09	55831.44
610000	5940000	55966.74	56135.08	55831.66
610000	5940000	55967.66	56135.11	55832.55
610100	5940000	55919.34	56134.34	55785
610100	5940000	55919.91	56134.38	55785.53
610100	5940000	55919.61	56134.35	55785.26
610100	5940025	55919.52	56134.28	55785.24
610100	5940050	55824.79	56134.49	55690.3
610100	5940075	55816.23	56134.84	55681.39
610100	5940100	55917.96	56134.94	55783.02
610100	5940125	55957.36	56135.05	55822.31
610100	5940150	55842.5	56135.03	55707.47
610100	5940175	55869.63	56135.25	55734.38
610100	5940200	55820.47	56135.75	55684.72
610100	5940225	55853.89	56136.22	55717.67
610100	5940250	55842.89	56136.32	55706.57
610100	5940275	55875.54	56136.6	55738.94
610100	5940300	55887.56	56136.81	55750.75
610100	5940325	55931.06	56137.33	55793.73
610100	5940350	55636.18	56137.64	55498.54
610100	5940375	55683.41	56138.01	55545.4
610100	5940400	55760	56138.4	55621.6
610100	5940425	55831.57	56139.55	55692.02
610100	5940450	55899.37	56140.25	55759.12
610100	5940475	55835.26	56140.63	55694.63
610100	5940500	56057.99	56141.05	55916.94
610100	5940525	55875.21	56141.73	55733.48
610100	5940550	55743.31	56142.15	55601.16
610100	5940575	55831.33	56142.96	55688.37
610100	5940600	55932.5	56143.02	55789.48
610100	5940625	55913.19	56143.03	55770.16
610100	5940650	56018.3	56143.08	55875.22
610100	5940675	55775.22	56143.07	55632.15
610100	5940700	55836.41	56142.68	55693.73
610100	5940725	55882.94	56143.74	55739.2
610100	5940750	55815.28	56144.1	55671.18
610100	5940775	55916.5	56144.63	55771.87
610100	5940800	56269.45	56145.07	56124.38

East_NAD83_Z9	North_NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT_diurnal_corec
610100	5940825	55907.4	56145.43	55761.97
610100	5940850	55990.29	56145.91	55844.38
610100	5940875	55955.47	56146.07	55809.4
610100	5940900	56086.34	56146.32	55940.02
610100	5940925	55893.68	56146.15	55747.53
610100	5940950	55687.67	56147.1	55540.57
610100	5940975	56062.32	56146.37	55915.95
610100	5941000	55986.54	56146.33	55840.21
610100	5941025	55920.14	56147.31	55772.83
610100	5941050	55804.1	56147.67	55656.43
610100	5941075	56088.99	56148.67	55940.32
610100	5941100	55949.91	56150	55799.91
610100	5941125	55995.27	56150.25	55845.02
610100	5941150	56170.56	56150.89	56019.67
610100	5941175	56275.66	56151.11	56124.55
610100	5941200	56270.19	56151.39	56118.8
610100	5941225	56333.57	56151.56	56182.01
610100	5941250	56267.58	56152.06	56115.52
610100	5941275	56204.48	56152.18	56052.3
610100	5941300	56126.77	56152.31	55974.46
610100	5941325	56139.26	56152.18	55987.08
610100	5941350	56097.94	56152.31	55945.63
610100	5941375	56143.8	56152.93	55990.87
610100	5941400	56101.52	56153.02	55948.5
610100	5941425	56070.64	56153.26	55917.38
610100	5941450	56077.77	56153.12	55924.65
610100	5941475	55948.31	56153.24	55795.07
610100	5941500	55901.81	56153.69	55748.12
610100	5941500	55901.87	56153.64	55748.23
610100	5941500	55901.94	56153.63	55748.31
609850	5941500	56023.29	56153.35	55869.94
609850	5941500	56023.55	56153.35	55870.2
609850	5941500	56023.55	56153.3	55870.25
609850	5941500	56023.8	56153.33	55870.47
609850	5941475	56088.48	56153.4	55935.08
609850	5941450	56046.75	56153.47	55893.28
609850	5941425	56171.4	56153.51	56017.89
609850	5941400	56085.39	56153.59	55931.8
609850	5941375	56090.24	56153.66	55936.58
609850	5941350	56115.08	56153.73	55961.35
609850	5941325	56124.51	56153.81	55970.7
609850	5941300	56235.89	56153.91	56081.98
609850	5941275	56321.79	56154	56167.79
609850	5941250	56346.13	56154.13	56192
609850	5941225	56269.49	56154.21	56115.28
609850	5941200	56214.76	56154.61	56060.15

East_NAD83_Z9	North_NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT_diurnal_corec
609850	5941175	55943.11	56154.79	55788.32
609850	5941175	55943.48	56154.82	55788.66
609850	5941150	55853.37	56154.78	55698.59
609850	5941125	55975.63	56155.34	55820.29
609850	5941100	55921.17	56155.78	55765.39
609850	5941075	55922.94	56156.26	55766.68
609850	5941050	55919.95	56156.62	55763.33
609850	5941025	56014.38	56156.43	55857.95
609850	5941000	56085.22	56156.59	55928.63
609850	5940975	56043.21	56156.75	55886.46
609850	5940950	55938.93	56156.73	55782.2
609850	5940925	55902.09	56157.41	55744.68
609850	5940900	55867.49	56157.73	55709.76
609850	5940875	55852.01	56157.26	55694.75
609850	5940850	55853.49	56157.91	55695.58
609850	5940825	55796.67	56158.93	55637.74
609850	5940800	55749.67	56159.29	55590.38
609850	5940775	56171.85	56158.86	56012.99
609850	5940750	55941.43	56158.39	55783.04
609850	5940750	55940.07	56158.34	55781.73
609850	5940725	55858.88	56158.25	55700.63
609850	5940700	55901.54	56158.09	55743.45
609850	5940675	55945.53	56157.95	55787.58
609850	5940650	55903.78	56157.64	55746.14
609850	5940625	55884.99	56156.97	55728.02
609850	5940600	55928.62	56156.09	55772.53
609850	5940575	55931.37	56156.12	55775.25
609850	5940550	55876.75	56156.08	55720.67
609850	5940525	55864.55	56155.94	55708.61
609850	5940500	55838.91	56156.12	55682.79
609850	5940475	55830.97	56156.42	55674.55
609850	5940450	55682.77	56156.34	55526.43
609850	5940425	55794.44	56157.15	55637.29
609850	5940400	55806.24	56156.91	55649.33
609850	5940375	55809.96	56157.12	55652.84
609850	5940350	55820.79	56157.43	55663.36
609850	5940325	55845.6	56159.32	55686.28
609850	5940300	55820.54	56157.52	55663.02
609850	5940275	55828.98	56157.65	55671.33
609850	5940250	55852.42	56158.16	55694.26
609850	5940225	55706.84	56158.35	55548.49
609850	5940200	56112.23	56158.27	55953.96
609850	5940200	56110.49	56158.25	55952.24
609850	5940175	55836.25	56157.51	55678.74
609850	5940150	55872.11	56157.19	55714.92
609850	5940125	55875.42	56157.02	55718.4

East_NAD83_Z9	North_NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT_diurnal_corec
609850	5940100	55787.21	56156.77	55630.44
609850	5940075	55776.06	56156.69	55619.37
609850	5940050	55770.47	56156.56	55613.91
609850	5940025	55742.85	56156.02	55586.83
609850	5940000	55801.18	56155.72	55645.46
609950	5940000	55817.47	56154.02	55663.45
609950	5940000	55817.75	56154.03	55663.72
609950	5940000	55817.65	56153.99	55663.66
609950	5940000	55817.63	56153.99	55663.64
609950	5940025	55839.94	56153.64	55686.3
609950	5940050	55866.56	56153.51	55713.05
609950	5940075	56404.13	56153.35	56250.78
609950	5940075	56403.26	56153.32	56249.94
609950	5940100	55833.37	56153.32	55680.05
609950	5940100	55833.38	56153.35	55680.03
609950	5940125	55857.13	56153.28	55703.85
609950	5940150	56018.19	56153.03	55865.16
609950	5940175	56240.76	56152.87	56087.89
609950	5940175	56240.77	56152.86	56087.91
609950	5940200	55598.07	56152.78	55445.29
609950	5940200	55598.07	56152.75	55445.32
609950	5940225	55752.06	56152.49	55599.57
609950	5940250	55844.13	56152.12	55692.01
609950	5940275	55818.4	56150.65	55667.75
609950	5940300	55806.35	56150.34	55656.01
609950	5940325	55840.07	56150.3	55689.77
609950	5940350	55849.74	56149.44	55700.3
609950	5940375	55922.69	56149.1	55773.59
609950	5940400	55731.74	56148.62	55583.12
609950	5940425	55704.51	56148.41	55556.1
609950	5940450	55845.69	56147.94	55697.75
609950	5940475	55886.75	56147.57	55739.18
609950	5940500	55945.43	56147.39	55798.04
609950	5940525	55983.55	56147.08	55836.47
609950	5940550	55911.94	56145.92	55766.02
609950	5940575	55872.45	56145.2	55727.25
609950	5940600	55893.56	56144.8	55748.76
609950	5940625	55884.53	56144.33	55740.2
609950	5940650	55930.78	56144.15	55786.63
609950	5940675	55964.82	56144.02	55820.8
609950	5940700	56059.65	56143.9	55915.75
609950	5940725	55825.77	56143.33	55682.44
609950	5940725	55825.52	56143.32	55682.2
609950	5940750	55810.03	56143.22	55666.81
609950	5940775	55837.12	56142.89	55694.23
609950	5940800	55841.57	56142.63	55698.94

East_NAD83_Z9	North_NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT_diurnal_corec
609950	5940825	55898.01	56142.5	55755.51
609950	5940850	55857.95	56142.12	55715.83
609950	5940875	55895.17	56142.03	55753.14
609950	5940900	55924.46	56141.89	55782.57
609950	5940925	55993.34	56141.73	55851.61
609950	5940950	55934.23	56141.99	55792.24
609950	5940975	56052.72	56142.03	55910.69
609950	5941000	55980.03	56141.66	55838.37
609950	5941025	56052.94	56141.32	55911.62
609950	5941050	55751.09	56141.21	55609.88
609950	5941050	55751.54	56141.32	55610.22
609950	5941075	55783.04	56141.5	55641.54
609950	5941100	55829.87	56141.03	55688.84
609950	5941125	55855.17	56140.93	55714.24
609950	5941150	55939.51	56140.95	55798.56
609950	5941175	55945.49	56140.58	55804.91
609950	5941200	55929.48	56140.49	55788.99
609950	5941225	55887.58	56140.49	55747.09
609950	5941250	56074.52	56140.42	55934.1
609950	5941275	56285.55	56139.82	56145.73
609950	5941275	56285.29	56139.83	56145.46
609950	5941300	56398.27	56139.48	56258.79
609950	5941325	56383.42	56139.18	56244.24
609950	5941350	56502	56139.18	56362.82
609950	5941375	56155.05	56138.84	56016.21
609950	5941375	56154.18	56138.82	56015.36
609950	5941400	56083.28	56138.64	55944.64
609950	5941425	56053.38	56138.54	55914.84
609950	5941450	55911.44	56138.5	55772.94
609950	5941475	55952.55	56138.47	55814.08
609950	5941500	55984.31	56138.38	55845.93
610050	5941500	55974.47	56136.47	55838
610050	5941500	55974.07	56136.41	55837.66
610050	5941500	55973.7	56136.33	55837.37
610050	5941500	55973.11	56136.32	55836.79
610050	5941475	55987.6	56136.1	55851.5
610050	5941450	55959.31	56136.4	55822.91
610050	5941425	56049.18	56136.37	55912.81
610050	5941400	56134.28	56136	55998.28
610050	5941400	56134.26	56136.01	55998.25
610050	5941375	56317.51	56136.28	56181.23
610050	5941350	56273.31	56136.36	56136.95
610050	5941325	56281.52	56136.57	56144.95
610050	5941300	56245.99	56136.85	56109.14
610050	5941275	56371.6	56136.72	56234.88
610050	5941250	56359.09	56136.82	56222.27

East_NAD83_Z9	North_NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT_diurnal_corec
610050	5941225	56157.48	56136.78	56020.7
610050	5941225	56157.6	56136.81	56020.79
610050	5941200	56018.43	56136.56	55881.87
610050	5941175	55922.31	56136.2	55786.11
610050	5941150	56018.23	56135.99	55882.24
610050	5941125	56037.77	56135.9	55901.87
610050	5941100	55952.49	56135.48	55817.01
610050	5941075	55925.81	56135.26	55790.55
610050	5941050	55946.44	56135.37	55811.07
610050	5941025	55819.06	56135.11	55683.95
610050	5941000	56208.14	56134.91	56073.23
610050	5941000	56207.88	56134.85	56073.03
610050	5940975	56140.05	56134.8	56005.25
610050	5940950	55929.56	56134.59	55794.97
610050	5940950	55930.09	56134.54	55795.55
610050	5940925	55632.5	56134.17	55498.33
610050	5940925	55632.4	56134.11	55498.29
610050	5940900	55812.88	56133.84	55679.04
610050	5940900	55813.42	56133.88	55679.54
610050	5940875	55816.65	56133.83	55682.82
610050	5940850	55982.99	56134.17	55848.82
610050	5940825	55848.16	56134.26	55713.9
610050	5940800	55968.12	56134.76	55833.36
610050	5940775	55974.61	56134.84	55839.77
610050	5940750	55900.32	56134.89	55765.43
610050	5940725	55851.48	56134.93	55716.55
610050	5940700	55832.18	56135.08	55697.1
610050	5940675	55906.12	56135.23	55770.89
610050	5940650	56052.95	56135.24	55917.71
610050	5940625	55835.22	56135.26	55699.96
610050	5940625	55834.88	56135.17	55699.71
610050	5940600	55797.4	56135.34	55662.06
610050	5940575	55743.33	56135.11	55608.22
610050	5940550	55641.99	56135.21	55506.78
610050	5940525	56184.15	56134.95	56049.2
610050	5940525	56183.85	56134.9	56048.95
610050	5940500	56111.35	56134.38	55976.97
610050	5940475	56055.96	56134.4	55921.56
610050	5940450	55809.23	56134.44	55674.79
610050	5940450	55809.67	56134.44	55675.23
610050	5940425	55922.8	56134.79	55788.01
610050	5940400	55741.79	56135.18	55606.61
610050	5940375	55841.74	56135.03	55706.71
610050	5940350	55929.56	56135.25	55794.31
610050	5940325	56036.77	56136.06	55900.71
610050	5940300	55938.9	56136.18	55802.72

East_NAD83_Z9	North_NAD83_Z9	Mag_nT_raw	Mag_nT_base	Mag_nT_diurnal_corec
610050	5940275	55875.55	56136.45	55739.1
610050	5940250	55901.8	56136.68	55765.12
610050	5940225	55862.5	56137.24	55725.26
610050	5940200	55888.43	56137.73	55750.7
610050	5940175	55733.94	56137.75	55596.19
610050	5940150	55821.04	56138.2	55682.84
610050	5940125	56050.63	56138.33	55912.3
610050	5940125	56050.43	56138.39	55912.04
610050	5940100	55950.52	56138.48	55812.04
610050	5940075	55894.47	56138.83	55755.64
610050	5940050	55887.47	56138.97	55748.5
610050	5940025	55873.78	56139.36	55734.42
610050	5940000	55856.37	56139.68	55716.69
610150	5940000	55830.23	56143.12	55687.11
610150	5940000	55830.3	56143.14	55687.16
610150	5940000	55829.44	56143.04	55686.4
610150	5940000	55829.29	56143	55686.29
610150	5940025	55757.8	56142.7	55615.1
610150	5940050	55888.44	56143.01	55745.43
610150	5940075	55977.3	56144.22	55833.08
610150	5940100	56155.33	56144.67	56010.66
610150	5940125	55887.79	56145.3	55742.49
610150	5940125	55888.08	56145.32	55742.76
610150	5940150	55866.79	56145.65	55721.14
610150	5940175	55924.91	56146.18	55778.73
610150	5940200	55829.9	56146.2	55683.7
610150	5940225	55857.6	56146.3	55711.3
610150	5940250	55983.7	56146.29	55837.41
610150	5940275	55896.04	56146.64	55749.4
610150	5940300	55905.02	56146.78	55758.24
610150	5940325	55887.34	56147.04	55740.3

APPENDIX 6

- Rock Photos -


-NR-12-01


NR-12-02


#NR-12-03


NR-12-04


NR-12-05


AR-1206


NR-12-07


NR-12-07B


NR-12-08


NR-12-09


NR-12-10


TR-12-11


NR-12-12