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

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geological, Diamond Drilling, Lithogeochemistry **TOTAL COST:** $224,389

AUTHOR(S): Gordon J. Allen **SIGNATURE(S):** Gordon J. Allen

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-5-751, September 21, 2012 **YEAR OF WORK:** 2012

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5420250

PROPERTY NAME: Kokanee Graphite

CLAIM NAME(S) (on which the work was done): 603733 - 603736, 603770 - 603772, 603784, 852205, 897700, 952109, 952129 952149, 952169, 952189, 1011897

COMMODITIES SOUGHT: graphite

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 082FNE075, 082FNE129

MINING DIVISION: Slocan **NTS/BCGS:** 082F10 (TRIM; 82F066)

LATITUDE: 49 ° 38 ' 43 " **LONGITUDE:** 116 ° 50 ' 22 " (at centre of work)

OWNER(S):
1) Bruce Doyle 2)

MAILING ADDRESS:
1424 Crease Avenue
Nelson, B.C., V1L 1A2

OPERATOR(S) [who paid for the work]:
1) Noram Ventures Inc. 2)

MAILING ADDRESS:
12835 Gilden Road, Madeira Park, B.C. V0N 2H1

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Lower Cambrian Hamill Group schistose clastic sedimentary rock, Lower Cambrian Badshot marble, Cambrian to Devonian Lardeau Group (Index Formation) pelitic schist and amphibolite. Isoclinally folded and overturned by Bluebell Mountain synform and Preacher Creek antiform. Metamorphosed to amphibolite facies pelitic schists, marble and amphibolite. Units with carbonaceous organic content metamophosed to graphite. Intruded by anatectic granitic and pegmatite. Cretaceous gran plugs

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 04132, 04510, 04814, 04923, 06247, 06249, 08006, 10247, 21793, 22216, 22219, 22578, 24351, 25715, 25750, 26054, 26887

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	85 Ha	603734, 603735, 603736, 603770, 60[illegible]	15013
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	26; Graphite, ICP-MS	603734, 603735, 603736, 603770	874
Other	Core: 367 samples for graphite	603770, 603735	10,335
DRILLING (total metres; number of holes, size)			
Core	1375.6m, 7 holes, NQ	603770, 603735	198,167
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$224,389

TECHNICAL ASSESSMENT REPORT ON THE GEOLOGICAL, GEOCHEMICAL, AND DIAMOND DRILLING SURVEYS

On the

KOKANEE GRAPHITE PROPERTY

Slocan Mining Division, British Columbia

1:250,000 NTS Map Sheet 082F
1:20,000 TRIM Map Sheet 82F066

Approximate Geographic Limits:
509850-513900E
5496450-5502050N
(Datum: NAD83, Zone 11N)

Prepared For:

Noram Ventures Inc.
12835 Gilden Road
Madeira Park, B.C. V0N 2H1

By:

Gordon J. Allen, P. Geo.

December 17th, 2012

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1.0 *SUMMARY*

The Kokanee graphite property consists of 1680 hectares of mineral claims located within the Kootenay arc of the Kootenay Terrane in south-eastern British Columbia. It is underlain by clastic sedimentary rocks of the Lower Cambrian Hamill group, limestone of the Lower Cambrian Badshot formation, and pelitic sedimentary rocks and minor mafic tuff of the Middle Cambrian to Devonian Lardeau group (Index formation). Polyphase deformation occurring during Late Devonian and Jurassic orogenies has contorted these rocks into north-trending recumbent isoclinal folds. Upper amphibolite facies metamorphism altered protolith sedimentary rocks into quartzite, pelitic schist, amphibolite, and marble. Carbonaceous organic material in the Index formation pelitic sedimentary sequence was metamorphosed into flake graphite.

"Bluebell-type" massive sulphide boulders have been found on the Crawford Peninsula and on what is now the Kokanee graphite property since the early 1900s. Exploration programs conducted over the past several decades were designed to locate a source for these boulders. Various electromagnetic surveys identified a 2300m long by 300m wide northeast-trending stratigraphy-parallel conductive zone. No significant massive sulphide mineralization has ever been found associated with this conductor, but graphite in the underlying metasedimentary sequence is clearly coincident with and almost certainly at least partially causing the anomaly. This program of graphite exploration is the first documented on the property.

Foliation and compositional layering on the property strike northeast and dip moderately to gently to the northwest. Two isoclinal fold axes mapped to the north project into the conductive zone suggesting that the graphitic stratigraphy has been thickened by repeated fold repetitions.

Between September 27th and October 7th, 2012, a total of 1375.6m of diamond drilling was completed in 7 holes. Targets were conductors defined in electromagnetic surveys completed by Cominco in 1973 and 1995. Drilling partially tested approximately 1km of strike length of the graphitic stratigraphy. Although the limits of mineralization have not been clearly defined in all holes, there appears to be a consistently mineralized sequence within the metasedimentary package grading 1.2-1.4% graphite across true widths of 100-140m at a 0.5% cut-off. A slightly higher grade core zone grades 1.5–2.0% graphite across true widths of 50-70m at a 1% cut-off.

Detailed geological mapping and rock sampling was conducted on the property between October 21st and October 23rd, 2012. It focused on the area of diamond drilling and the conductive zone. A sequence of graphitic quartzite and intercalated pelitic schist of the Lardeau group strikes northeast, dips to the northwest and is estimated to have a true width of approximately 170m. It coincides precisely with the conductor defined in the 1995 airborne Dighem survey.

A program of continued geological mapping, 2000m of diamond drilling, flake size studies, and a scoping study by a consulting group familiar with developing a graphite resource is recommended at an estimated cost of $550,000.

2.0 INTRODUCTION

The Kokanee graphite property is located in south-eastern British Columbia in the Slocan Mining Division (Figure 1) and underlain by metasedimentary rocks of the Kootenay Terrane. Carbonaceous organic material in sedimentary rocks can be converted to coarse flake graphite during metamorphism, and several occurrences are documented in the region.

With new and innovative uses for graphite being developed, the interest in securing quality graphite resources is increasing. Coarse-grained flake graphite was observed in the property area during several decades of exploration for "Bluebell-type" massive sulphide manto replacement deposits. Part of the Kokanee property has been held by Bruce Doyle since 2009 as a lead-zinc-silver target, but with the recent increase in the value of coarse flake graphite it became apparent that this was also a commodity of interest. The property was optioned to Noram Ventures Inc. on June 8th, 2012.

This program of geological mapping, geochemical sampling, and diamond drilling was conducted on the subject property between September 27th and October 23rd, 2012, at the request of Messrs. David Rees and Chris Dyakowski of Noram Ventures Inc. It was designed to test the correlation between defined conductive features and graphitic strata, and to obtain a preliminary indication of graphite grades across these strata.

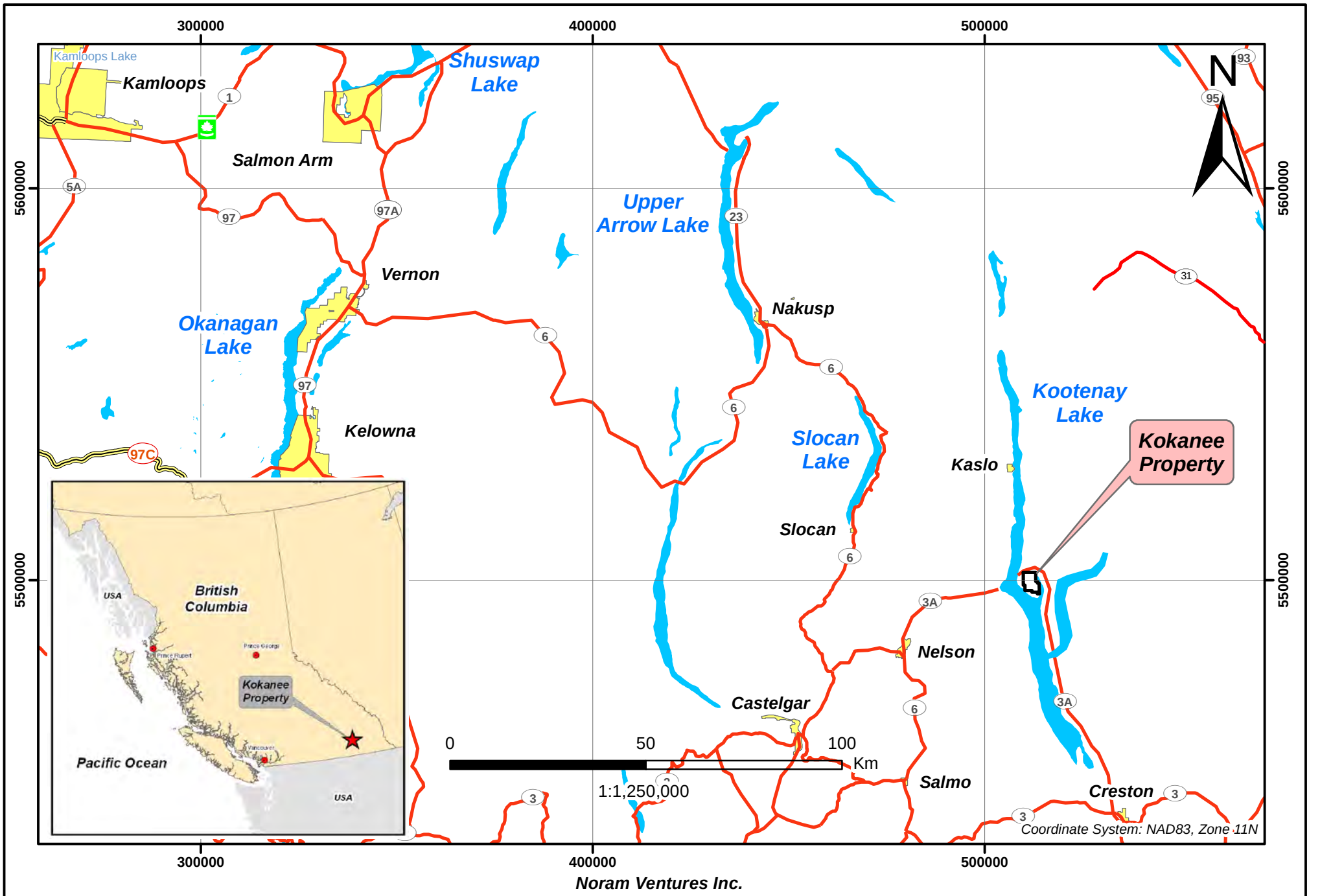
Preparatory work for this program, which consisted of multiple property examinations and a reinterpretation of historic airborne geophysical data, was conducted between April 10th and June 6th, 2012, and is discussed in an assessment report by John Kerr dated October 20th, 2012 (Kerr, 2012; event number 5420250).

3.0 MINERAL TENURE

The Kokanee property consists of 16 mineral tenures totalling 1680.08 hectares (Figure 2, Table 1). Mr. Bruce Doyle of Nelson, B.C., is the current registered owner of all claims. They have been optioned to Noram Ventures Inc. under an option agreement dated June 8th, 2012, and constitute the "Kokanee Property."

Mineral tenures in British Columbia are acquired through an internet-based mineral titles administration system. It is assumed, therefore, that the Kokanee property is precisely as shown on the province's mineral tenure map and displayed in Figure 2. The tenures are for mineral rights only and do not include surface rights.

Under the current Mineral Tenure Act, maintaining a mineral tenure (claim) in B.C. for the first two years after issuance requires annual exploration expenditures of $5.00 per hectare. Required annual exploration expenditures increase incrementally every 2 years as follows:



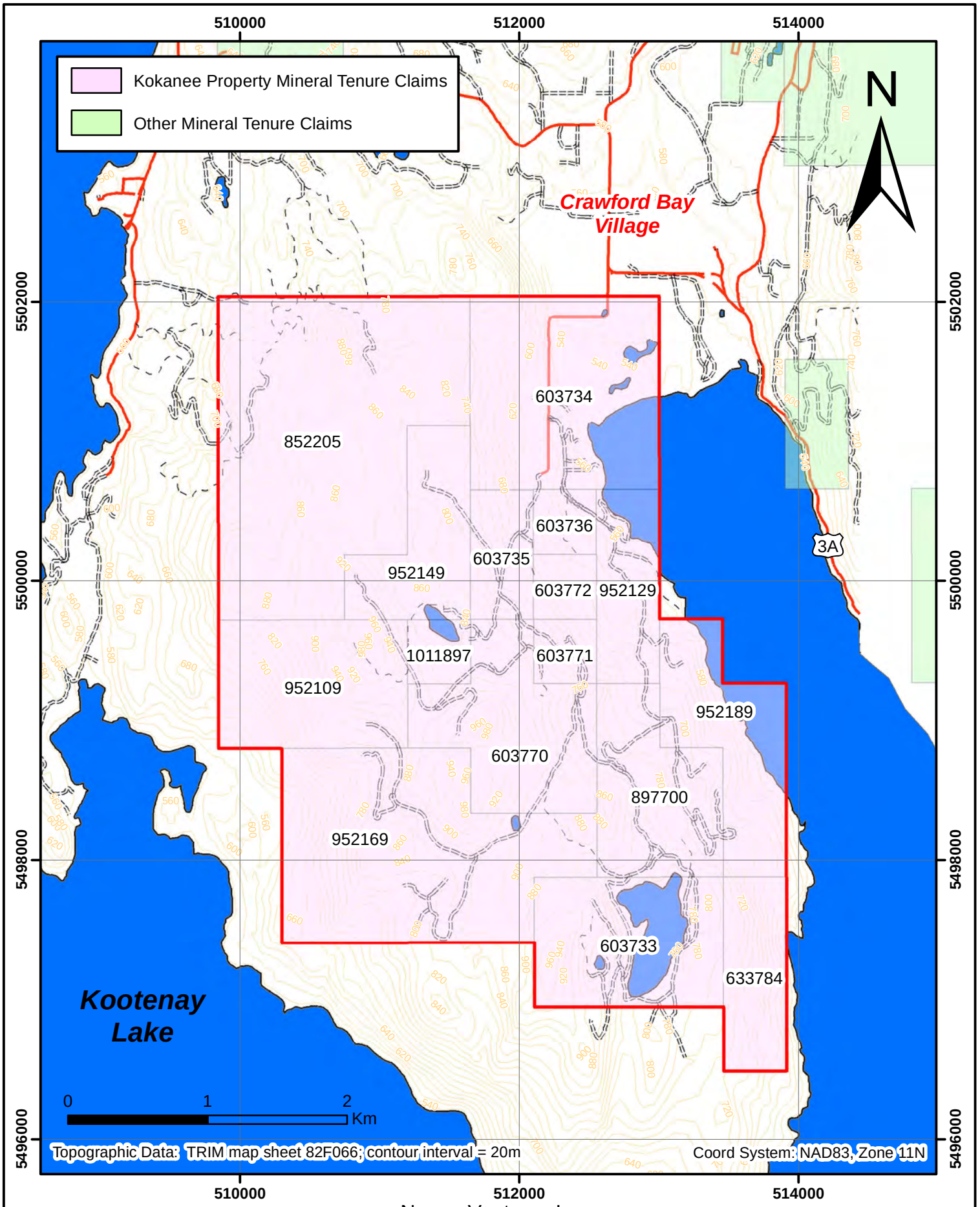
Noram Ventures Inc.

Kokanee Property, Slocan Mining Division, British Columbia

Property Location

G. Allen, December, 2012

Figure 1



Noram Ventures Inc.

Kokanee Graphite Property

Claims Map

G. Allen, December, 2012

Figure 2

Table 1

Kokanee Property
List of Mineral Tenures

Tenure No.	Claim Name	Area_Ha	Owner	Issue_Date	Good-To Date
603733	LAKE	125.52	B. Doyle	May 1, 2009	July 20, 2022
603734		188.14	B. Doyle	May 1, 2009	July 20, 2022
603735		41.82	B. Doyle	May 1, 2009	July 20, 2022
603736	BAY2	20.91	B. Doyle	May 1, 2009	July 20, 2022
603770	SILVER HIGH	125.48	B. Doyle	May 1, 2009	July 20, 2022
603771	SILVER HIGH 1	20.91	B. Doyle	May 1, 2009	July 20, 2022
603772		20.91	B. Doyle	May 1, 2009	July 20, 2022
633784		62.77	B. Doyle	September 14, 2009	July 20, 2022
852205	SILVER ARC	333.94	B. Doyle	April 21, 2011	July 20, 2022
897700	CRAW 2	104.58	B. Doyle	September 15, 2011	July 20, 2022
952109	BLACK CRAW	123.74	B. Doyle	February 22, 2012	July 20, 2022
952129	BLACK GOLD	62.73	B. Doyle	February 22, 2012	July 20, 2022
952149	BLACK GOLD 1	83.64	B. Doyle	February 22, 2012	July 20, 2022
952169	SNOW WHITE	239.51	B. Doyle	February 22, 2012	July 20, 2022
952189	SNOW WHITE 1	104.58	B. Doyle	February 22, 2012	July 20, 2022
1011897	CABIN	20.91	B. Doyle	August 8, 2012	August 8, 2022
Total Hectares		1680.08			

Note: "Good to Date" or anniversary date shown using assessment credits detailed in this report

- Years 3 and 4; $10.00 per hectare per year
- Years 5 and 6; $15.00 per hectare per year
- Year 7 and beyond; $20.00 per hectare per year

Payment of cash in lieu of work would be double the stated rates. Under these regulations the required exploration expenditures to maintain the entire Kokanee claim group to the anniversary date in 2022 will be $168,426.55, which is more than covered by the costs of the work presented in this report. Required annual maintenance expenses beyond 2022 will be $33,601.60.

4.0 PROPERTY LOCATION, ACCESSIBILITY, CLIMATE, INFRASTRUCTURE, AND PHYSIOGRAPHY

The Kokanee property is located on the Crawford peninsula, approximately 35 lineal kilometres east-northeast of Nelson, and immediately south of the village of Crawford Bay in the Kootenay region of south-eastern British Columbia (Figure 1). It is on the west flank of the Purcell Mountains, on the east shore of Kootenay Lake.

From Nelson, access to the property is via Highway 3A, 32 km east along the north shore of the west arm of Kootenay Lake to Balfour and the Kootenay Lake ferry. Crossing time to Kootenay Bay on the east shore of Kootenay Lake is approximately 25 minutes. The village of Crawford Bay is located 5km east of Kootenay Bay along highway 3A. The paved Peters road extends south from the village for 250m to the northern claim boundary. From the end of Peters road a network of gravel logging roads provides access to most parts of the claim block. Travel time to the property from Nelson is approximately 1-2 hours depending on the ferry schedule.

Elevations in the property area range from approximately 535m on the shore of Crawford Bay (Kootenay Lake), to over 980m in the central part of the claims. Most of the property has been logged in the past few decades, and is now dominantly covered with second growth fir, hemlock, spruce and cedar forests

Average temperatures range from a low of -8°C in January to a high of over 28°C in July and August. Precipitation averages 850mm (34”) per year. The ground is typically snow-covered between November and February, although depths would not hinder industrial activity.

Power and water for any industrial endeavour are readily available. A labour force with mining experience is well established in most towns and cities throughout the region.

5.0 REGIONAL GEOLOGY AND ECONOMIC SETTING

5.1 Regional Geology

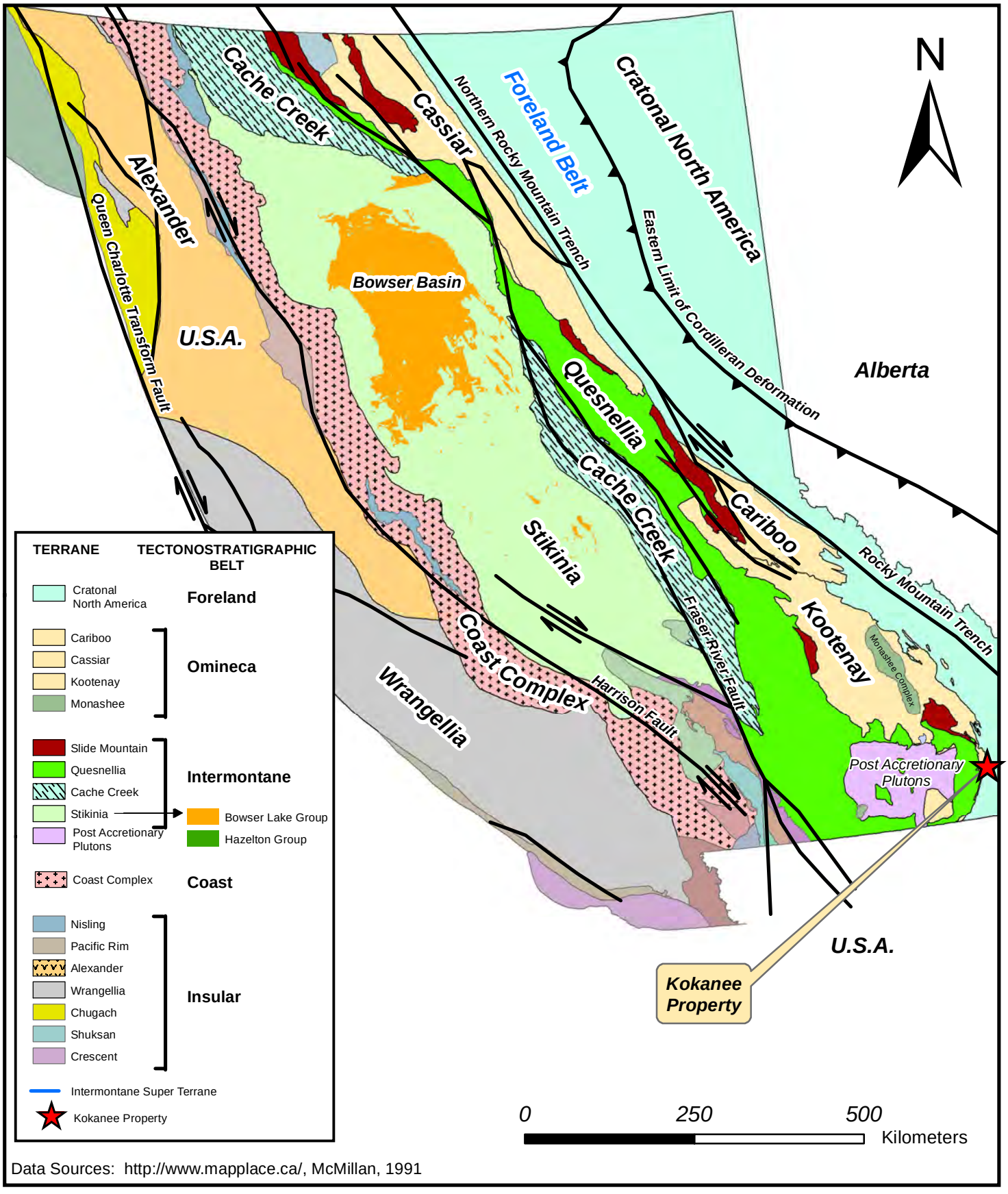
The Canadian Cordillera is made up of five major tectonostratigraphic belts that formed or were accreted during Mesozoic to post mid Tertiary time (McMillan, 1991, Figure 3). Of these five, the Omineca and Coast belts are assemblages of crystalline plutonic and metamorphic rocks which are thought to have developed along suture zones where exotic terranes docked with the North American craton. Rocks within the accreted terranes are interpreted to have been deposited in sedimentary basins and island arc settings off the coast of ancestral North America and later pushed onto the western margin of the continent during eastward subduction of the Pacific oceanic plates.

Four volcano-sedimentary terranes of central B.C. (Slide Mountain, Quesnellia, Cache Creek, and Stikinia) are thought to have collided and coalesced in the ocean west of ancestral North America by Late Triassic time, forming the Intermontane superterrane. This assemblage continued moving eastward and subsequently docked with the North American continent in the Mid Jurassic period, circa 185-175 Ma. The Omineca tectonostratigraphic belt, which underlies the Kokanee graphite property, is located between the Intermontane belt and the ancient North American craton. It consists of metamorphic and plutonic rocks which formed during this major terrane collision; the first in the development of the Canadian Cordillera.

A second volcano-sedimentary superterrane, the Insular belt, is composed primarily of the Alexander and Wrangellia terranes. They are interpreted to have coalesced by mid Pennsylvanian time (circa 310-305 Ma), and collided with the western edge of the Intermontane belt in the middle Cretaceous (approximately 100 Ma). The Coast Complex metamorphic-plutonic assemblage started to form at this time between the Insular and Intermontane belts, and had active intrusion emplacement up to the mid Eocene (45 Ma).

Cordilleran terrane assemblages have been cut by numerous intracontinental dextral strike slip faults. Right lateral offset along this fault system is interpreted to have initiated in the Late Cretaceous along the Rocky Mountain trench. Movement then appears to have been transferred sequentially to more western faults. The cumulative dextral fault offset in the B.C. Cordillera has been estimated to be in the order of 1300km.

The Kokanee graphite property is located on the east margin of the Kootenay terrane at its contact with rocks of Ancestral North America (Figure 3). Rocks in this part of the Kootenay terrane are referred to as the Kootenay Arc, a 300 (+) km long arcuate exposure of highly deformed and strongly regionally metamorphosed largely Paleozoic strata located between Proterozoic to Paleozoic sedimentary rocks of ancestral North America on the east, and high grade metamorphic rocks of the Monashee complex and Shuswap assemblage on the west (Figure 4). Regional geology in the Kokanee



Data Sources: http://www.mapplace.ca/, McMillan, 1991

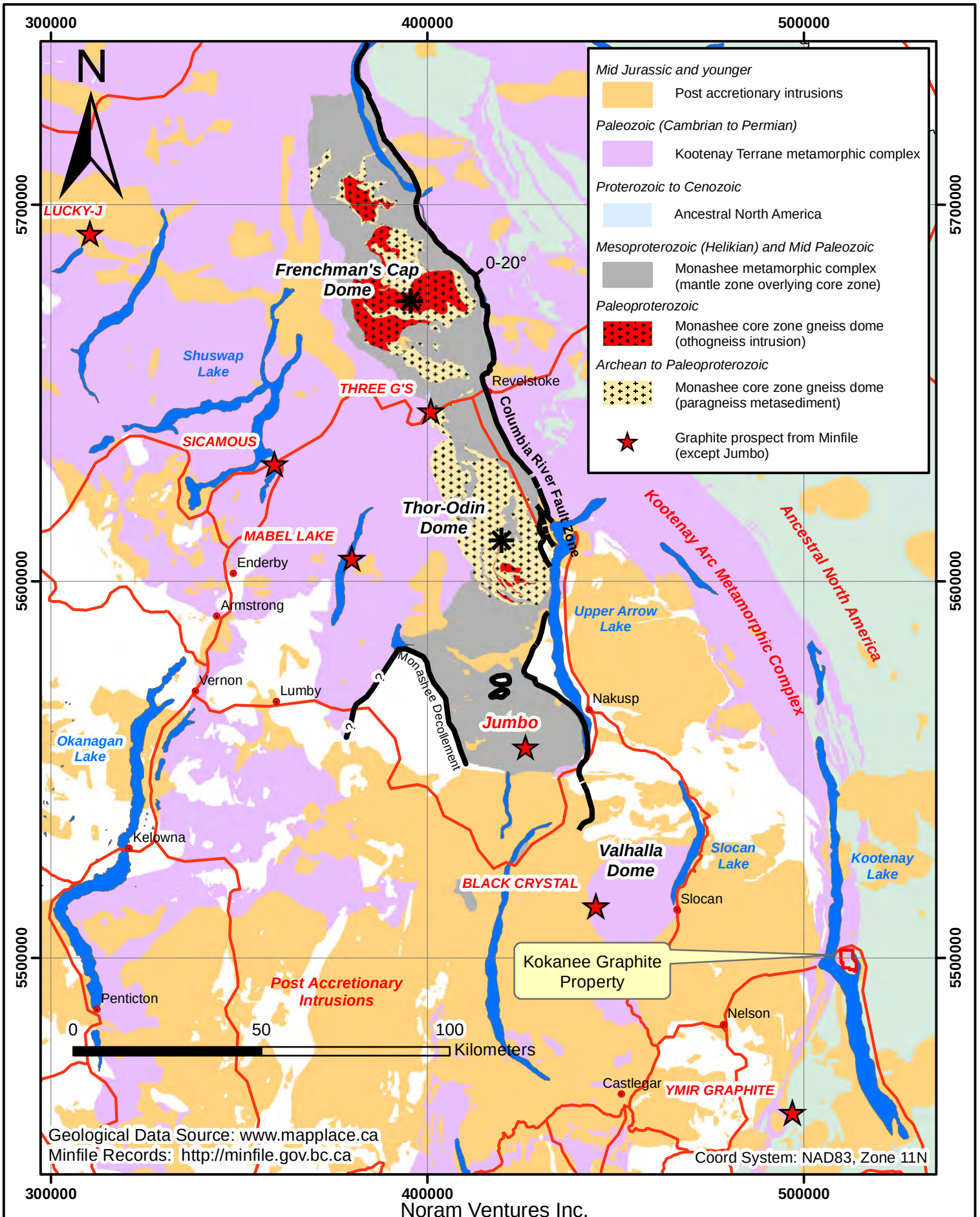
Noram Ventures Inc.

Kokanee Property, Slocan Mining Division, B.C.

Geological Terranes of British Columbia

G. Allen, December, 2012

Figure 3



Noram Ventures Inc.

Kokanee Property

Simplified Regional Geology and Economic Setting

G. Allen, December, 2012

Figure 4

property area is shown in Figure 5. Stratigraphy and chronology of geological events in the Riondel - Crawford Peninsula area are presented in Figure 6.

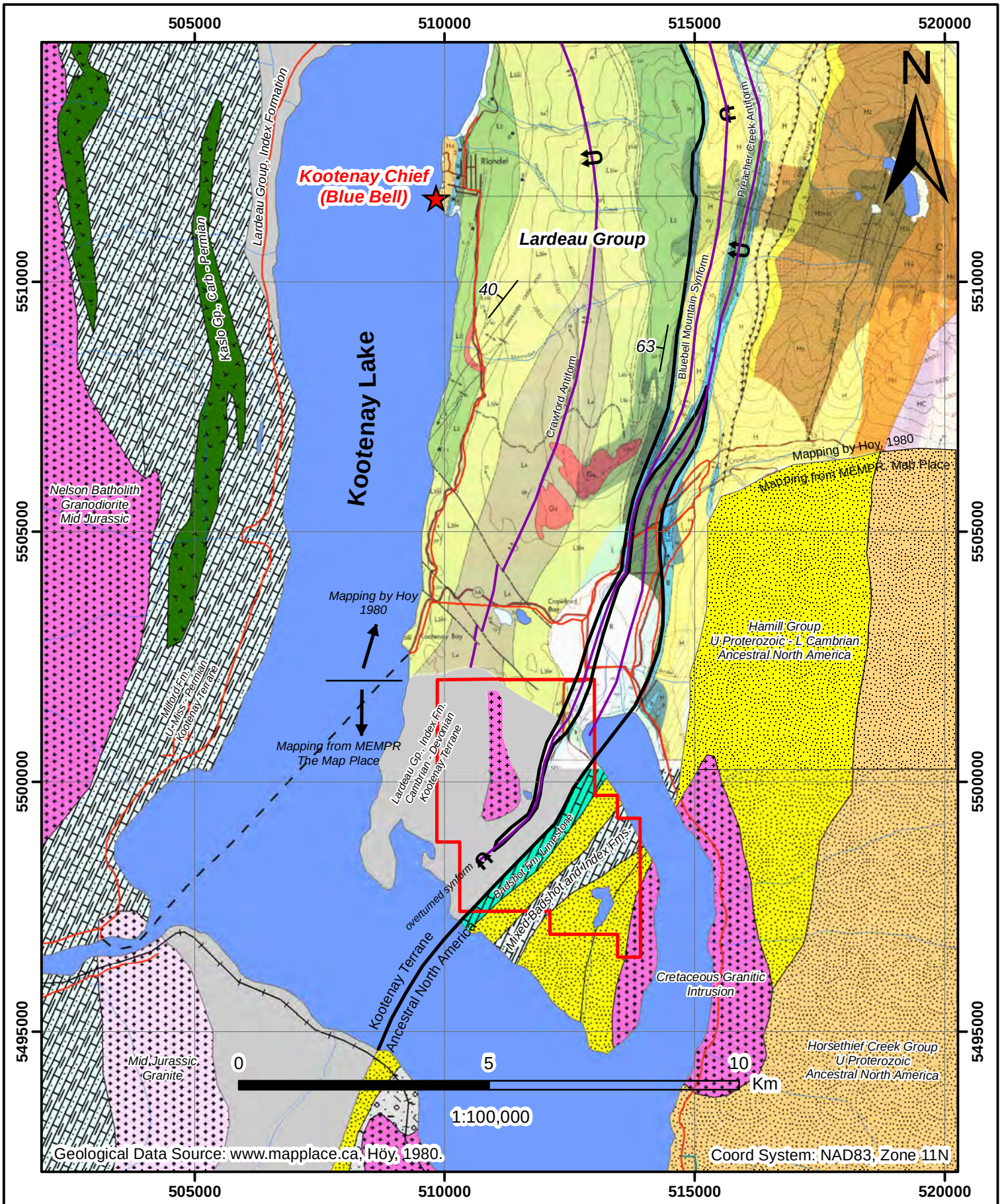
Ancestral North American rocks in the property area are composed of Upper Proterozoic to Lower Cambrian epiclastic sediments and carbonates deposited in or on passive continental margin basins and shelves. The oldest rocks in the area are Hadrynian clastic sediments of the Horsethief Creek group; a thick accumulation of shale, quartz and feldspathic sandstone, and quartz pebble conglomerate. These are in turn overlain by well sorted quartzite of the Lower Cambrian Hamill group and eventually capped by carbonates of the Lower Cambrian Mohican and Badshot formations. The Badshot formation is a thin but regionally persistent white marble or dolomite unit that serves as a stratigraphic marker throughout the Kootenay Arc.

The Hamill Group, and Mohican and Badshot formations are classified as part of ancestral North America, but appear to be in possible conformable contact with the overlying Lower Cambrian to Permian Index formation of the Lardeau group. Höy (1980) included the Mohican, Badshot and Index formations within the Lardeau group. Collectively, the Hamill-Mohican-Badshot-Index stratigraphy makes up the Kootenay Arc. It is a generally (up stratigraphy) clastic-carbonate-pelitic sediment sequence which persists throughout the extent of the arc.

The Index formation of the Lardeau group is a predominantly fine-grained clastic to pelitic sedimentary sequence deposited in a deep water extensional basin off shore of ancestral North America between the Lower Cambrian and Devonian periods. Protoliths consist of argillite, shale, calcareous shale and quartzite. Höy (1980) recognized four distinct units within the Index formation in the Riondel-Crawford peninsula area. Some of these units contained significant carbonaceous organic content that was converted to graphite during regional metamorphism.

Rocks within the Kootenay arc in the property area have undergone three phases of deformation. During the Devonian-Mississippian Antler (Caribooan) orogeny rocks were isoclinally folded into a broad recumbent structure; the westward closing Riondel nappe[1]. A second phase of deformation occurred in the Jurassic period (178-164Ma), probably coincident with the docking of the Intermontane belt with the west coast of North America. Rocks were refolded into north-trending isoclinal structures with steep to moderately west-dipping axial planes. Three prominent isoclinal folds in the property area have been traced for over 30km. These are the Crawford antiform, the Bluebell Mountain synform, and the Preacher Creek antiform, hinges of which all cross the Kokanee property (Figure 5a). The persistent penetrative foliation observed throughout the region was developed during this folding event. Regional metamorphism reached upper amphibolite facies. Clastic sedimentary rocks were metamorphosed to quartzites and quartz-rich mica schists. Pelitic sedimentary rocks became quartz-mica-garnet ±sillimanite±kyanite schists, and carbonates transformed to marble, dolomite and

[1] American Geological Institute definition: 'Nappe: a sheet-like allochthonous rock unit which has moved on a predominantly horizontal surface due to thrust faulting and or recumbent folding.'



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Kokanee Property

Regional Geology

See Figures 5b and 5c for lithologic legends

G. Allen, December, 2012

Figure 5a

Protolith Rock Types

Post Accretionary (Jurassic - Cretaceous) Granitic Plutons

granite, alkali feldspar granite intrusive rocks

granodioritic intrusive rocks

Permian Kaslo Group

basaltic volcanic rocks

Carboniferous Milford Group (west side of Kootenay Lake)

limestone, slate, siltstone, argillite

Paleozoic Lardeau Group

Index Formation

mudstone, siltstone, shale fine clastic sedimentary rocks

Badshot Formation

limestone, marble, calcareous sedimentary rocks

Mix of Index, Badshot and Mohican Formations in Crawford Peninsula

limestone, slate, siltstone, argillite

Lower Cambrian Hamill Group

coarse clastic sedimentary rocks

Upper Proterozoic Windemere Supergroup

Horsethief Creek Group

quartzite, quartz arenite sedimentary rocks

To accompany Figure 5a

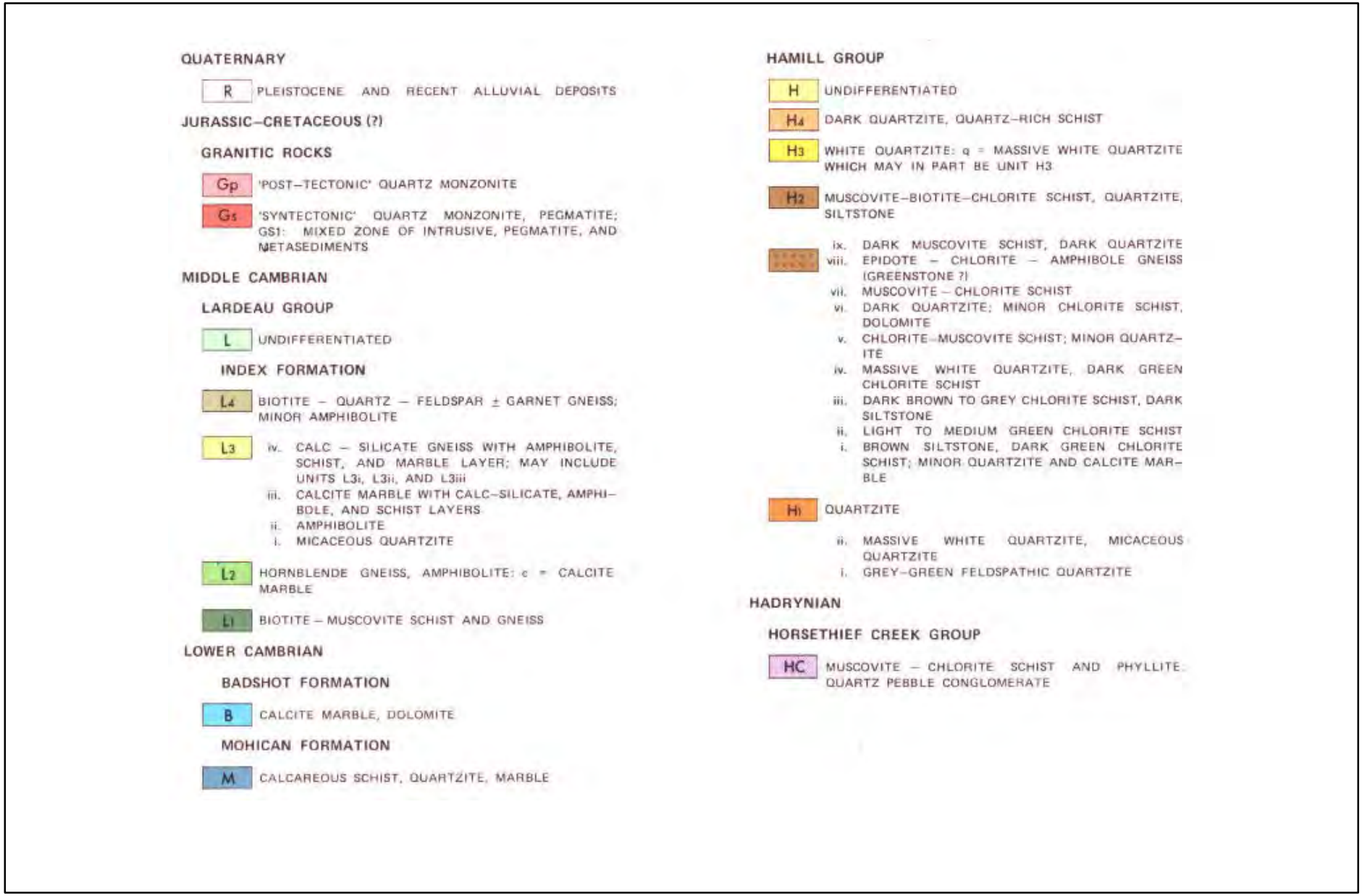
Noram Ventures Inc.

Kokanee Property

Regional Geology Lithology Legend for MEMPR Mapping on Mapplace (NM11 - Kootenay)

G. Allen, December, 2012

Figure 5b



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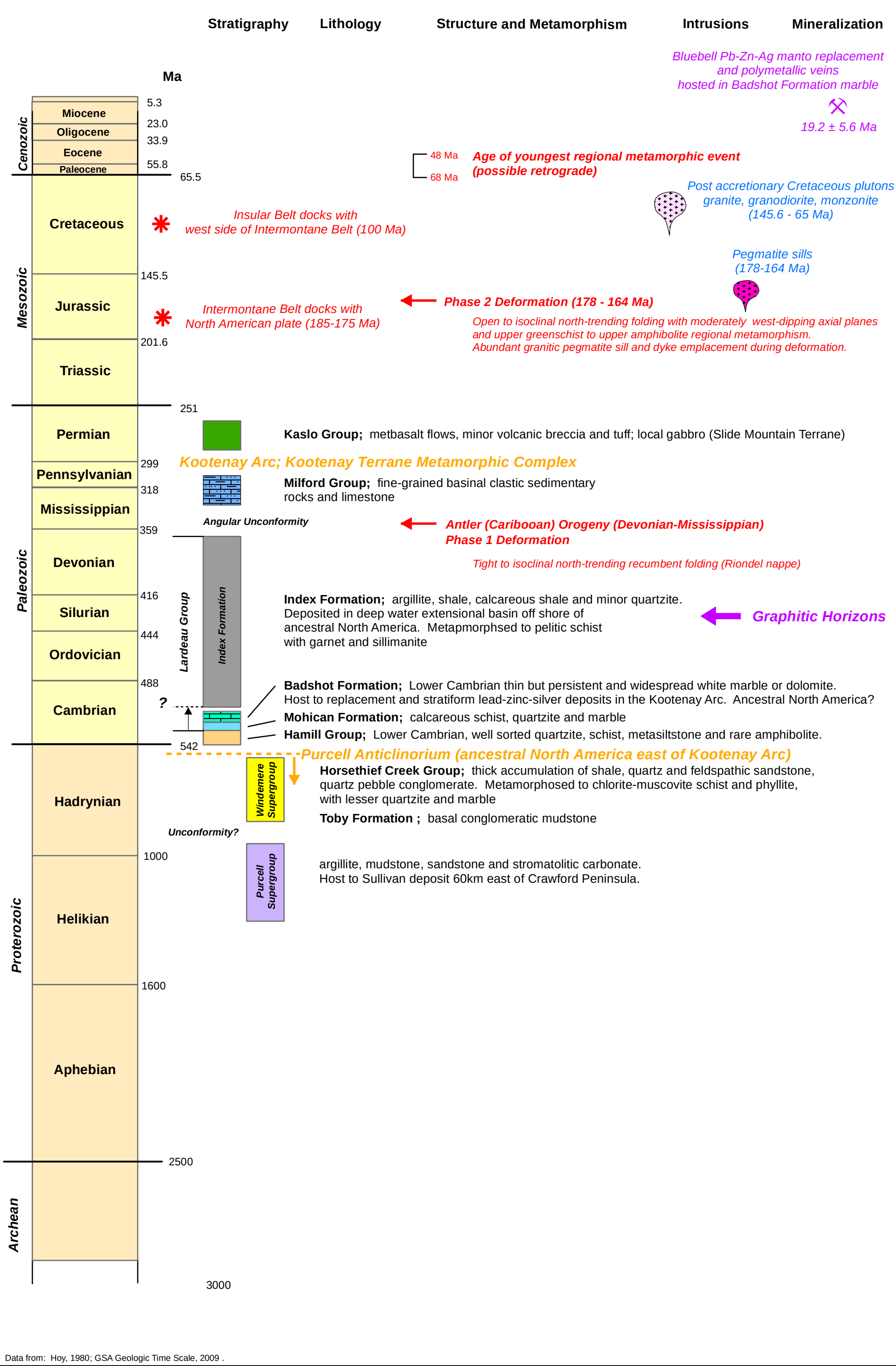
Kokanee Property

Lithology Legend for MEMPR Bulletin 73 Mapping in the Riondel Area (Höy, 1980)

G. Allen, December, 2012

To accompany Figure 5a

Figure 5c



Data from: Hoy, 1980; GSA Geologic Time Scale, 2009 .

Noram Ventures Inc.

Kokanee Graphite Property, Slocan Mining Division, B.C.

Stratigraphy and Geochronology of the Riondel - Crawford Peninsula Area

G. Allen, December, 2012

Figure 6

calcareous schists. The highest grade regional metamorphism in the Kootenay arc occurs in the Kokanee property area along the east shore of Kootenay Lake. Abundant anatectic granitic pegmatite sills and dykes were injected into the foliated sequence during the second phase folding event. Phase 3 north-trending concentric folding is only apparent on a local scale. Age of this event is uncertain.

Subsequent to the docking of the Intermontane supergroup, the Kootenay metamorphic complex was intruded by Mid Jurassic to Cretaceous post accretionary plutons such as the Nelson batholith west of Kootenay Lake, and unnamed granitic intrusions in the property area.

The Kootenay arc metamorphic complex is in contact to the west with higher-grade metamorphic rocks of the Monashee metamorphic complex along the gently east-dipping Eocene-aged Columbia River fault zone. This structure has had normal dip-slip movement, forming during a regime of extension.

5.2 Economic Setting

The now inactive Kootenay Chief (Bluebell) mine is located at Riondel on the east shore of Kootenay Lake roughly 10km north of the Kokanee property (Figure 5). Mineralization there consisted of massive galena-sphalerite manto replacements and polymetallic veins hosted in the Cambrian Badshot marble. The mine was active intermittently between 1895 and 1971, operated latterly by Cominco. It was one of the more important mines in the Kootenay region, producing over 5.3 million tonnes of ore grading 5.1% lead, 6.3% zinc, and 48 g/tonne (1.7 oz/ton) silver. Total metal produced is estimated at 234000 tonnes (515 M lb) of lead, 249000 tonnes (548 M lb) of zinc, 220000 kg (7.1 M oz) of silver, and 2800 tonnes (6.2 M lb) of copper.

Graphite occurrences listed in the Minfile mineral inventory are widely spaced in the higher-grade metamorphic rocks throughout the Kootenay terrane (Figure 4). One of these, the Black Crystal deposit currently owned by Eagle Graphite Corporation, is located roughly 65km west-northwest of the Kokanee property in the Valhalla metamorphic complex. It is the only developed graphite prospect in B.C. Graphite occurs as disseminated fine to coarse-grained flakes on foliation planes and concentrated within compositional layering in very coarse-grained marble and siliceous metasedimentary rocks. The graphitic horizon is between 80 and 100m thick with grades up to 6.95% graphitic carbon. A 43-101 compliant resource calculated in 2002 using surface trench and drill hole sample results is presented below (Minfile number-082FNW260, Black Crystal):

	Tonnage	***Grade (fixed carbon_%)***
Regolith (weathered friable rock)		
Measured and indicated:	848,000	1.82
Inferred	516,000	1.69

Calc-silicate		
Indicated	4,763,000	1.21
Inferred	4,591,000	1.24

The previous owner (Crystal Graphite Corporation) was granted two 30 year mining leases (renewable for an additional 30 years) and a mining permit in 2002. A mineral processing plant was constructed at Koch Creek.

Current production figures are not available, but Eagle Graphite Corporation is advertizing graphite concentrates for sale in a range of flake sizes and water contents (*http://www.eaglegraphite.com/graphite-products.php*). They have specification sheets for grain sizes ranging from <100 microns to >300 microns (-150 to +50 mesh), and with purity ranging from 94 to 99% graphitic carbon.

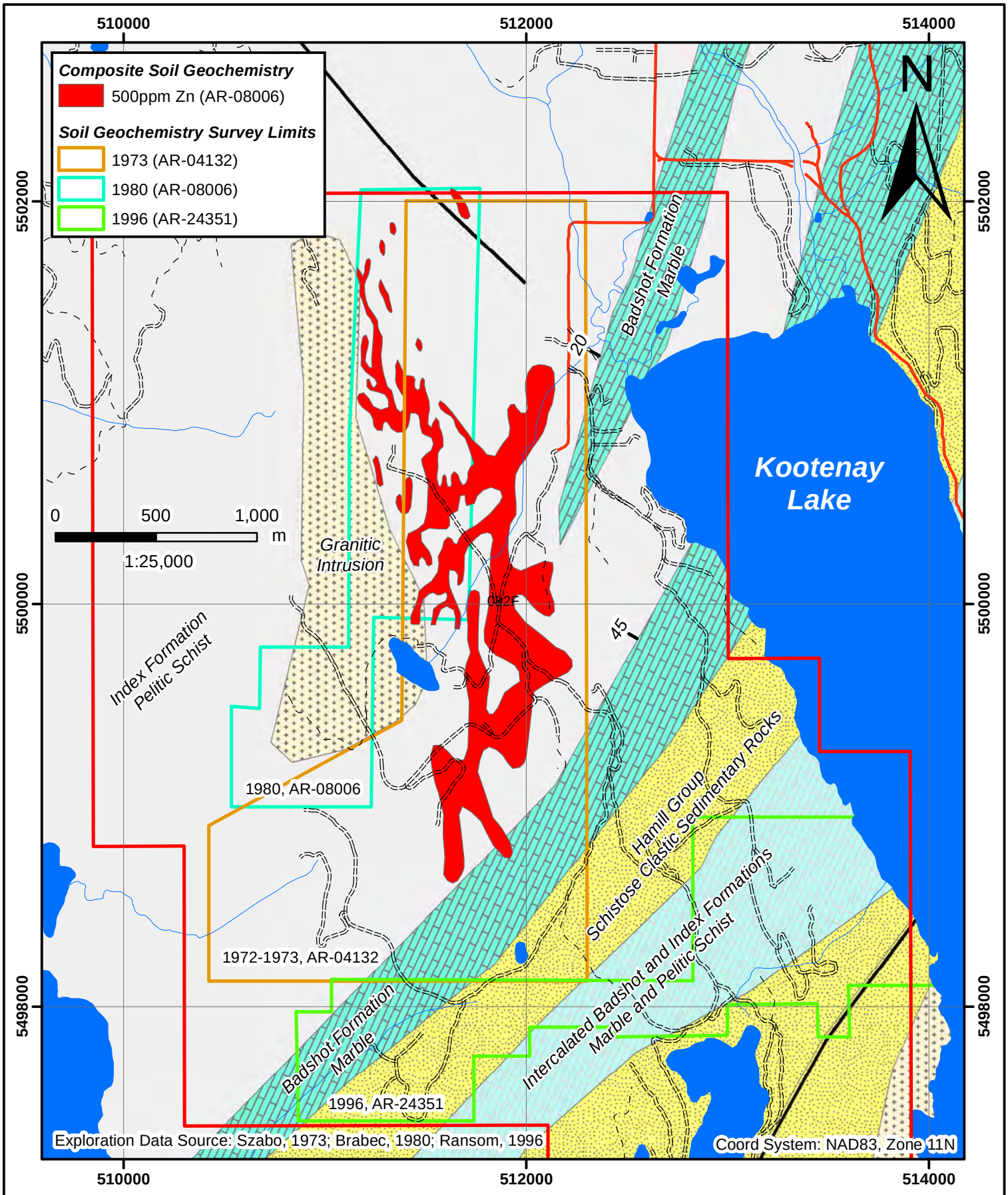
6.0 HISTORY

Boulders of massive sulphide similar to mineralization at the Bluebell mine were located at Crawford Bay in the 1920s (Kerr, 2012), and D. Broster and associates conducted trenching and tunnelling on two vein occurrences in 1928 (Minfile; Crystal Lake/Sure Bet, 082FNE129). Documented exploration programs targeting "Bluebell type" mineralization on the current Kokanee property area have continued intermittently up to 2001. During the course of these exploration programs various electromagnetic surveys identified a 2300m long southwest-trending arcuate conductive zone which appears to be related to a graphitic sequence adjacent to the trace of the Badshot formation marble.

The various relevant exploration programs conducted on the current Kokanee property since 1972 are discussed below.

6.1 Historic Exploration Programs Documented in Assessment Reports

AR-04132_ Cominco Ltd. (1972-1973)
A total of 530 soil samples were collected in an area at least partially underlain by Badshot formation marble, and with known boulders of massive galena and sphalerite mineralization similar to the Bluebell ore (Szabo, 1973). A 2500m by 750m north-south coincident lead-zinc-silver anomaly was defined. The anomaly trends obliquely to the local stratigraphy and it is thought to be a glacial dispersion from some undefined source, or a north-south mineralized shear zone. It does not appear to be related to stratabound mineralization. A composite plot of the zinc-in-soil anomalies from this survey (1973) and a later survey (1980) with general geology is presented in Figure 7a.



Noram Ventures Inc.

Kokanee Graphite Property

Historic Soil Geochemistry Surveys by Cominco
Composite Soil Geochemistry (500 ppm Zn)

G. Allen, December, 2012

Figure 7a

AR-04814_ Cominco Ltd. (1973)
Approximately 35km of horizontal loop electromagnetic (HLEM) survey and 10km of magnetic survey were conducted in the soil geochemistry anomaly area (Hayles, 1973). Several discrete, narrow, stratigraphy-parallel conductors were defined in a zone roughly 1700m long by 350m wide (Figure 7b). They were considered to be related to graphitic horizons within the stratigraphy. Conductors are not parallel to, and for the most part not coincidental with the zinc-in-soil anomaly.

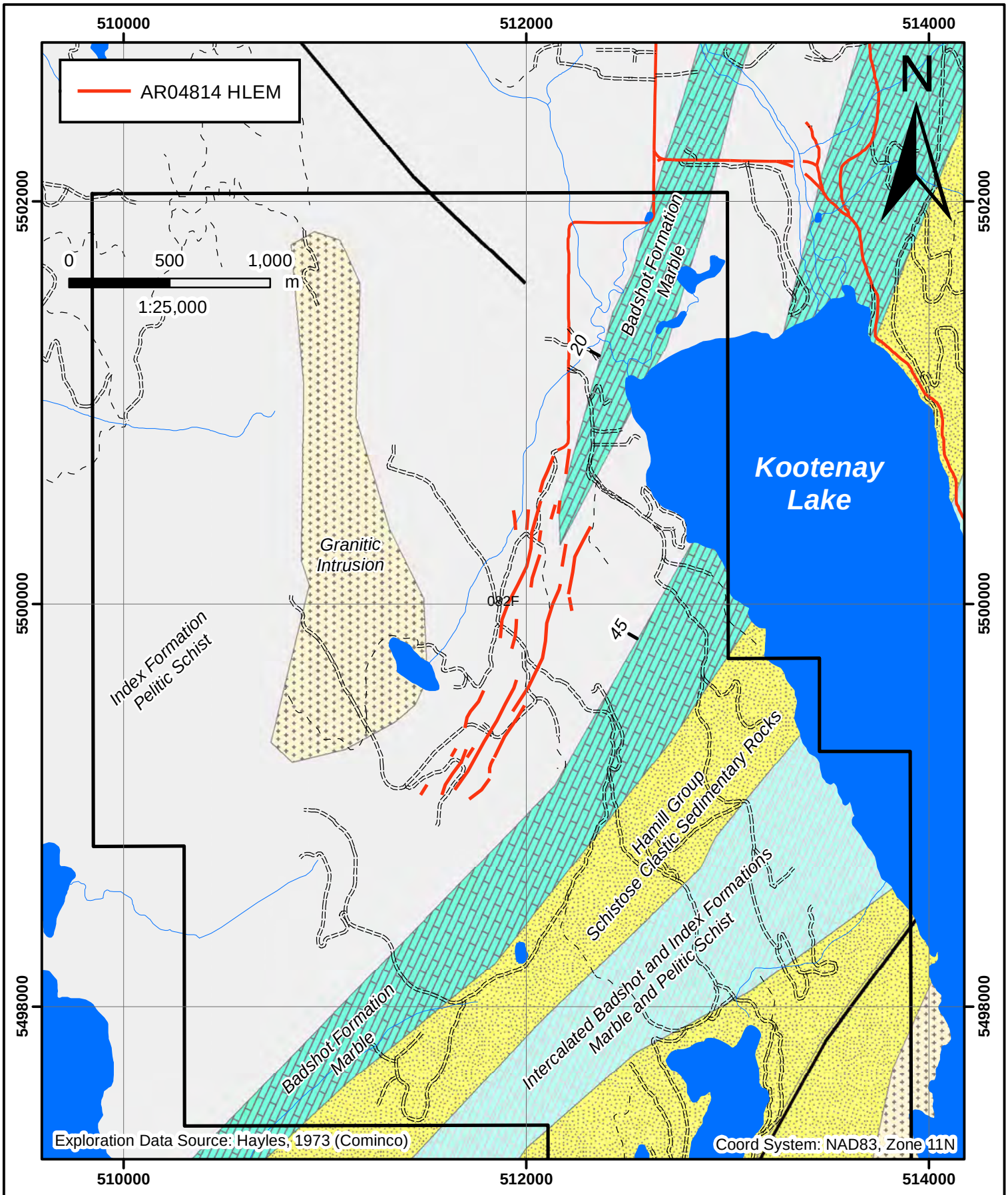
AR-04923_ International Marble and Stone Company Ltd. (1973)
Two short horizontal bore holes were drilled to test the quality of marble for potential quarrying. Drill hole locations are shown in Figure 7c.

AR-06247_ Cominco Ltd. (1977)
Cominco drilled four holes totalling 305m (1002'), apparently to test coincident soil geochemical and HLEM anomalies (Heddle, 1977). Collar locations in assessment report 06247 appear to be incorrect. Approximate drill hole locations as plotted in red in Figure 7d are taken from assessment report 08006. Pelitic schists, gneiss, and siltite units in all holes had sporadic "abundant" graphite noted.

AR-08006_ Cominco Ltd. (1980)
An additional 750 soil samples were collected to expand on the lead-zinc-silver soil anomalies defined in the 1973 survey (Brabec, 1980). A composite plot of the 500ppm zinc contours for both surveys is plotted in Figure 7a. Collectively the two surveys defined a north to north-northwest trending anomalous zone of lead, zinc and silver in soil approximately 700m wide. Although there are some stratigraphy-parallel anomalous features within this zone, it is generally oblique to stratigraphy. If this is related to multiple units of underlying stratabound mineralization, glaciation has obscured the pattern. North-trending mineralized shear zones would fit the anomaly pattern, but none have been noted. Another possibility is mineralization related to the contact metamorphic margin of the north trending Cretaceous granitic plug which intrudes the Index formation pelitic schist just west of the anomaly.

AR-21793_ Doyle (1991)
Rock samples of outcrop and mineralized float were collected. It was felt that the mineralized float material was from replacement of marble but nothing similar was located in outcrop (Doyle, 1991).

AR-22216B_ Kokanee Explorations Ltd. (1992)
Horizontal loop electromagnetic (HLEM), VLF-EM and magnetic surveys were conducted to see if a source for the abundant mineralized float could be located. Work was conducted by SJ Geophysics Ltd. The HLEM survey identified numerous weak northwest-trending anomalies, roughly orthogonal to the stratigraphy and conductors defined by Cominco. No anomalies were identified that were felt to be related to sulphide mineralization.



Noram Ventures Inc.

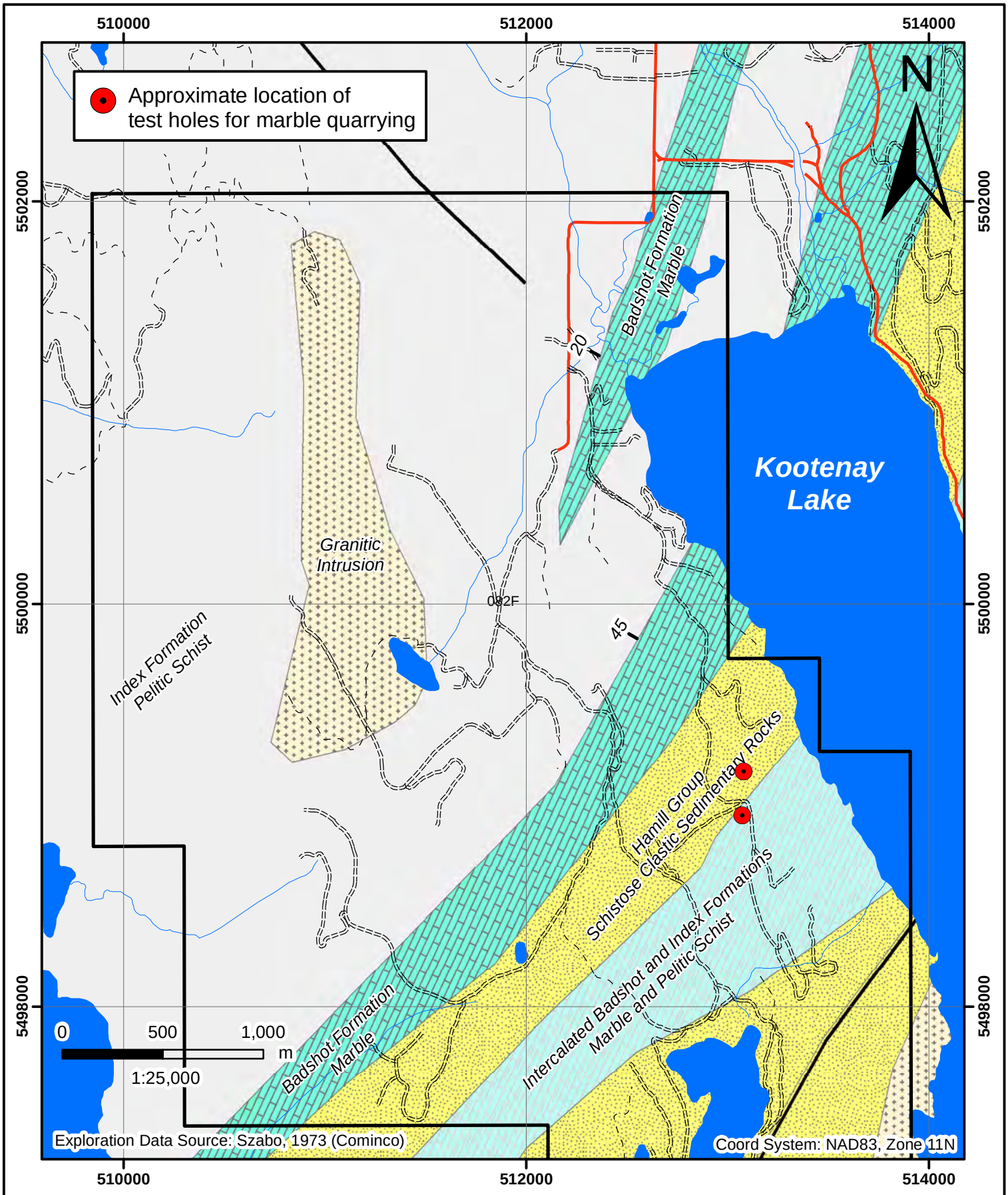
Kokanee Graphite Property

Historic Work Program; AR-04184 Cominco, 1973

Horizontal Loop Electromagnetic Survey (HLEM) Conductors

G. Allen, December, 2012

Figure 7b



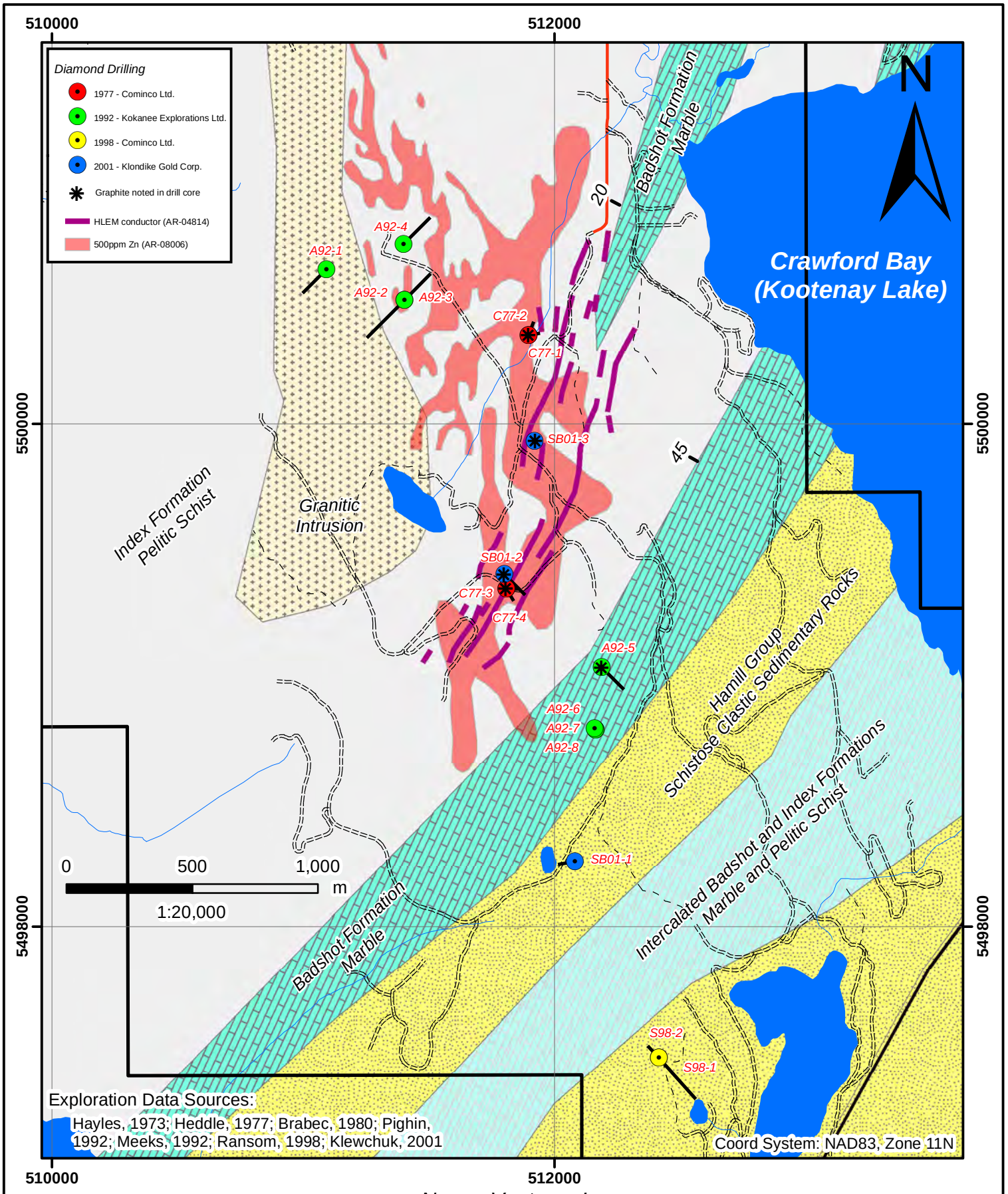
Noram Ventures Inc.

Kokanee Graphite Property

Historic Work Program; AR-04923 International Marble, 1973
Drill Hole Locations

G. Allen, December, 2012

Figure 7c



Noram Ventures Inc.

Kokanee Graphite Property

Historic Diamond Drilling

in Relation to Geology, Zinc-in-Soil Geochemistry and HLEM Anomalies

G. Allen, December, 2012

Figure 7d

Plan maps did not have any topographic control and could not be georeferenced. It was not possible to integrate the data into the compilation.

AR-22219_ Kokanee Explorations Ltd. (1992)
Five diamond drill holes totalling 1094.8m were completed on the property to test lead-zinc-silver in soil anomalies (Pighin, 1992). A few intervals with weakly anomalous copper value were identified but lead and zinc values were consistently low. Graphite was only noted in hole A92-5 hosted in quartz schist and marble. A92-5 was the only hole drilled into the HLEM conductors defined by Cominco in 1973. Drill hole locations are shown in Figure 7d.

Hole A92-1 intersected monzonitic intrusion for its entire length. Hole 92-5 was predominantly in marble, and the rest penetrated intercalated pelitic schist, quartz-mica schist and amphibolite. Mapping as show in Figure 7d from the MEMPR Mapplace appears to be accurate.

AR-22578_ Kokanee Explorations Ltd. (1992)
Trenching of an oxidized showing in brecciated and silicified Badshot limestone exposed fresh galena, honey coloured sphalerite, tetrahedrite, and barite. Select grab samples of this material contained up to 2.8% lead, 5.65% zinc, and 10.16 grams per tonne silver (Meeks, 1992).

Three short diamond drill holes were completed to test this zone. Assays up to 6991 ppm lead, 1339 ppm zinc, and 7.6 grams per tonne silver over 1.3m were intersected. A steeper hole drilled beneath this intersection was not mineralized. No graphite was noted. No further work was recommended on this showing.

AR-24351_ ComincoLtd. (1996)
Soil sample coverage was extended to the south of areas previously sampled by Cominco in 1973 and 1980. The southern projection of the earlier defined north-south lead-zinc-silver anomaly was covered but no anomalous areas were identified. The survey limits are shown in Figure 7a.

AR-25715_ Klondike Gold Corp. (1998)
Soil sampling and a limited gravity survey was conducted in the property area. Results are not plotted in the assessment report and locations of the surveys are not clearly defined. No conclusions are presented.

AR-25750_ Cominco Ltd. (1998)
A total of 4.5 line kilometres of magnetic survey and 0.5km of electromagnetic survey were conducted in the vicinity of mineralized float boulders and lead-zinc-silver in soil anomalies (Ransom, 1998). Two holes were drilled to test the geophysical anomalies. Stratigraphy cut by the drill holes included marble, calc silicates and pelitic schists with minor graphite. It was felt that fine-grained pyrrhotite explained the conductivity and magnetic anomalies. Stringers of sphalerite were intersected. Drill holes are plotted in Figure 7d.

No base metal massive sulphide mineralization was intersected and the option on the property was dropped.

AR-26687_ Klondike Gold Corp. (2001)
A VLF_EM survey was designed to ground-check conductors identified in a Dighem V survey flown by Cominco in 1995. Three diamond drill holes were subsequently drilled to test these anomalies. Holes are plotted in Figure 7d.

After drilling it was concluded that the airborne EM and VLF-EM conductors were related to graphite and pyrrhotite-rich bands in the Index formation pelitic schists and quartzites. Minor base metal minerals were associated, including chalcopyrite, sphalerite, and galena.

In summary, historic exploration programs targeted massive sulphide mineralization with soil geochemistry, geophysics and diamond drilling. Conductors appear to be related to graphitic units in the metasedimentary sequence. Graphite was identified in 7 of the 17 drill holes within a 300m wide stratigraphy-parallel zone coincident with numerous HLEM conductors.

All historic drilling is summarized in Table 2.

6.2 1995 Dighem V Survey

In 1995, Cominco commissioned a small Dighem V airborne survey over 1010 hectares of the current Kokanee property (Smith, 1996). It appears that this data was not filed for assessment. Conductivity and magnetic susceptibility were measured. Data from the survey was reprocessed for Noram by In3D Geoscience Inc. (Kerr, 2012).

A conductivity plot in relation to geology is presented in Figure 8. A southwest trending curvilinear conductor roughly 2200m long by 300m wide is clearly stratigraphy-parallel in an area underlain by Index formation pelitic schists. This feature is coincident with the zone of multiple HLEM conductors defined by Cominco in 1973.

The first vertical derivative plot of magnetic susceptibility is presented in Figure 9. Several narrow and highly magnetic features are clearly defining thin magnetite-bearing units within the stratigraphic sequence. The discrete conductive zone has a corresponding sporadically low to weakly anomalous magnetic susceptibility.

Table 2

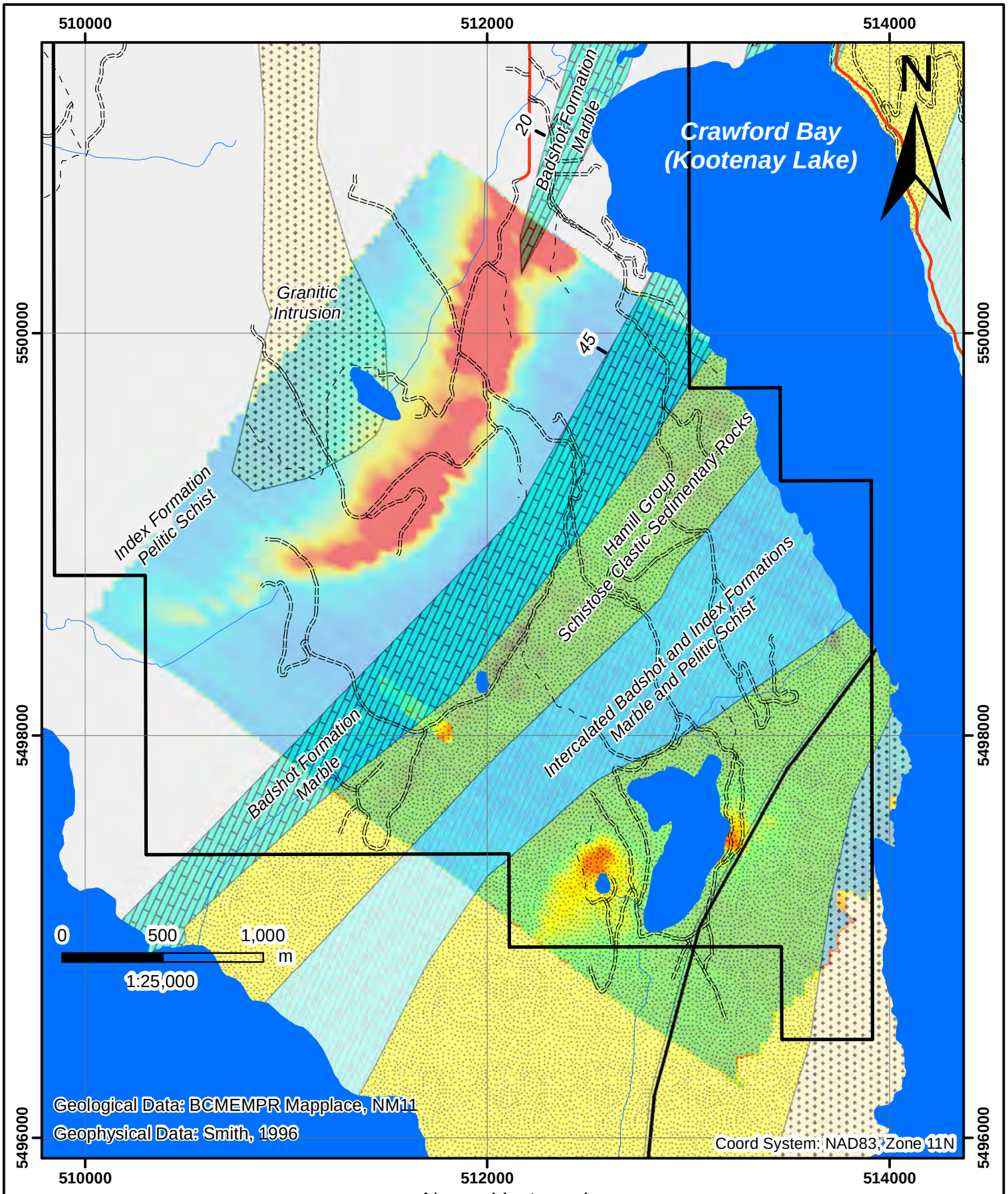
Noram Ventures Inc.

Kokanee Property

Summary of Historic Drilling

Hole_ID	Drilled_By	Year	Size	E_NAD83	N_NAD83	El_m	Azimuth	Dip	Length_m
C77-1	Cominco	1977	AQ	511897	5500353	661.42	080	-47	68.58
C77-2	Cominco	1977	AQ	511897	5500353	661.42	020	-45	81.69
C77-3	Cominco	1977	AQ	511809	5499344	859.54	090	-45	76.20
C77-4	Cominco	1977	AQ	511809	5499344	859.54	150	-45	78.94
A92-1	Kokanee	1992	NQ	511093	5500616	845.00	225	-45	192.40
A92-2	Kokanee	1992	NQ	511402	5500492	805.00	225	-45	297.30
A92-3	Kokanee	1992	NQ	511402	5500492	805.00	045	-45	211.90
A92-4	Kokanee	1992	NQ	511399	5500715	780.00	045	-45	214.90
A92-5	Kokanee	1992	NQ	512188	5499032	858.00	135	-45	178.40
A92-6	Kokanee	1992	NQ	512164	5498782	720.00	045	-45	44.20
A92-7	Kokanee	1992	NQ	512163	5498782	720.00	045	-65	23.50
A92-8	Kokanee	1992	NQ	512159	5498789	718.00	135	-45	32.30
S98-1	Cominco	1998	NQ	512415	5497478	895	138	-45	311.80
S98-2	Cominco	1998	NQ	512415	5497478	895	318	-45	91.40
SB01-1	Klondike	2001	NQ	512082	5498260	868	260	-43	95.12
SB01-2	Klondike	2001	NQ	511800	5499403	850	135	-45	166.16
SB01-3	Klondike	2001	NQ	511920	5499933	879	132	-45	42.07
Total Historic Drilling on the Kokanee Property									**2206.86**

Graphite noted in drill log



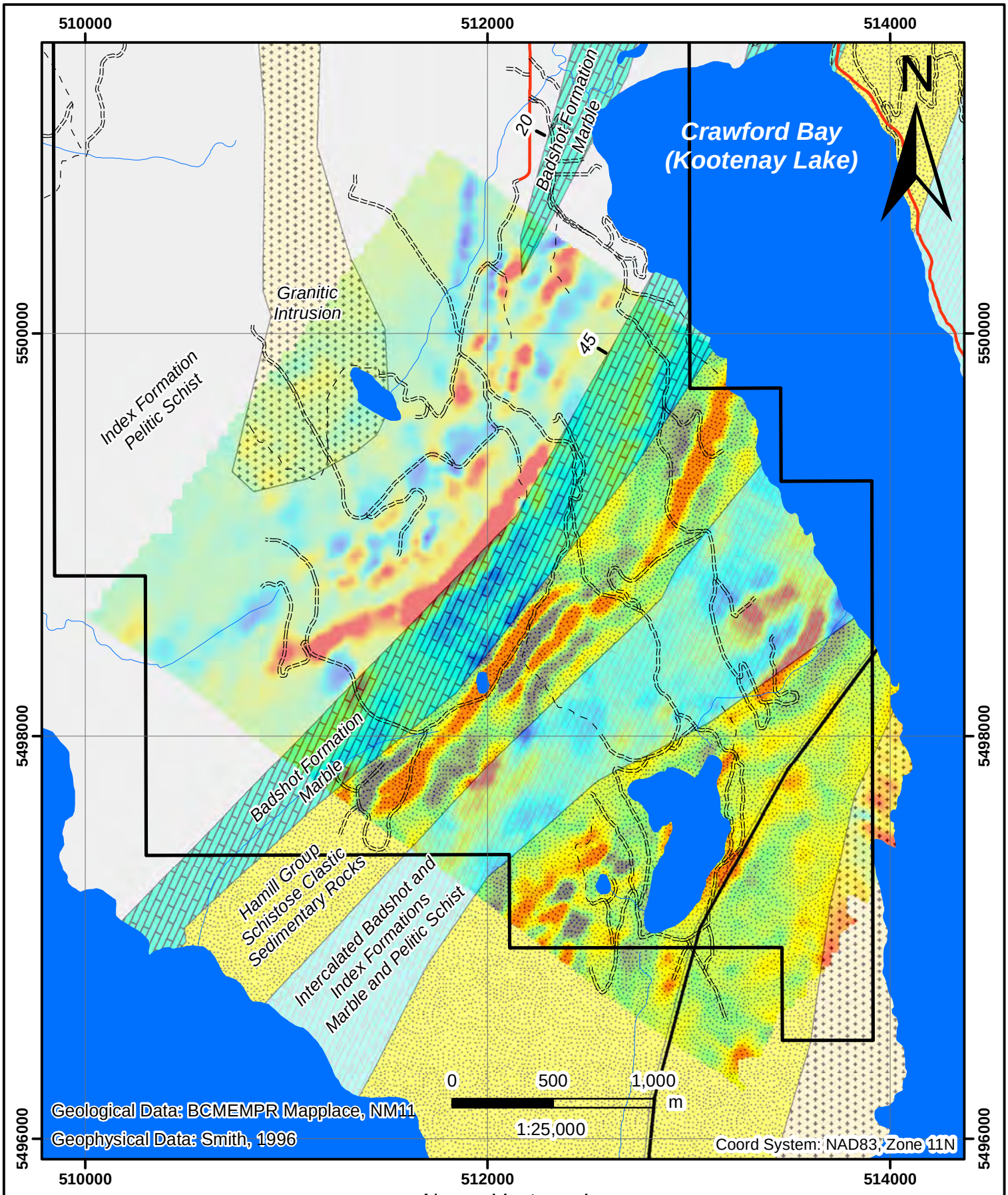
Noram Ventures Inc.

Kokanee Graphite Property

Dighem V Survey (1995)
Conductivity (10m EM CP1900)

G. Allen, December, 2012

Figure 8



Noram Ventures Inc.

Kokanee Graphite Property

Dighem V Survey (1995)

Magnetic Susceptibility; First Vertical Derivative (1d1VD)

G. Allen, December, 2012

Figure 9

7.0 2012 EXPLORATION PROGRAM

Six drill holes were completed on the property testing historically-defined conductors to determine if there is a correlation between conductivity and graphite content. Geological mapping and rock sampling was subsequently carried out to put drill hole data into a better geological context, and to define targets for the next phase of drilling.

7.1 Property Geology

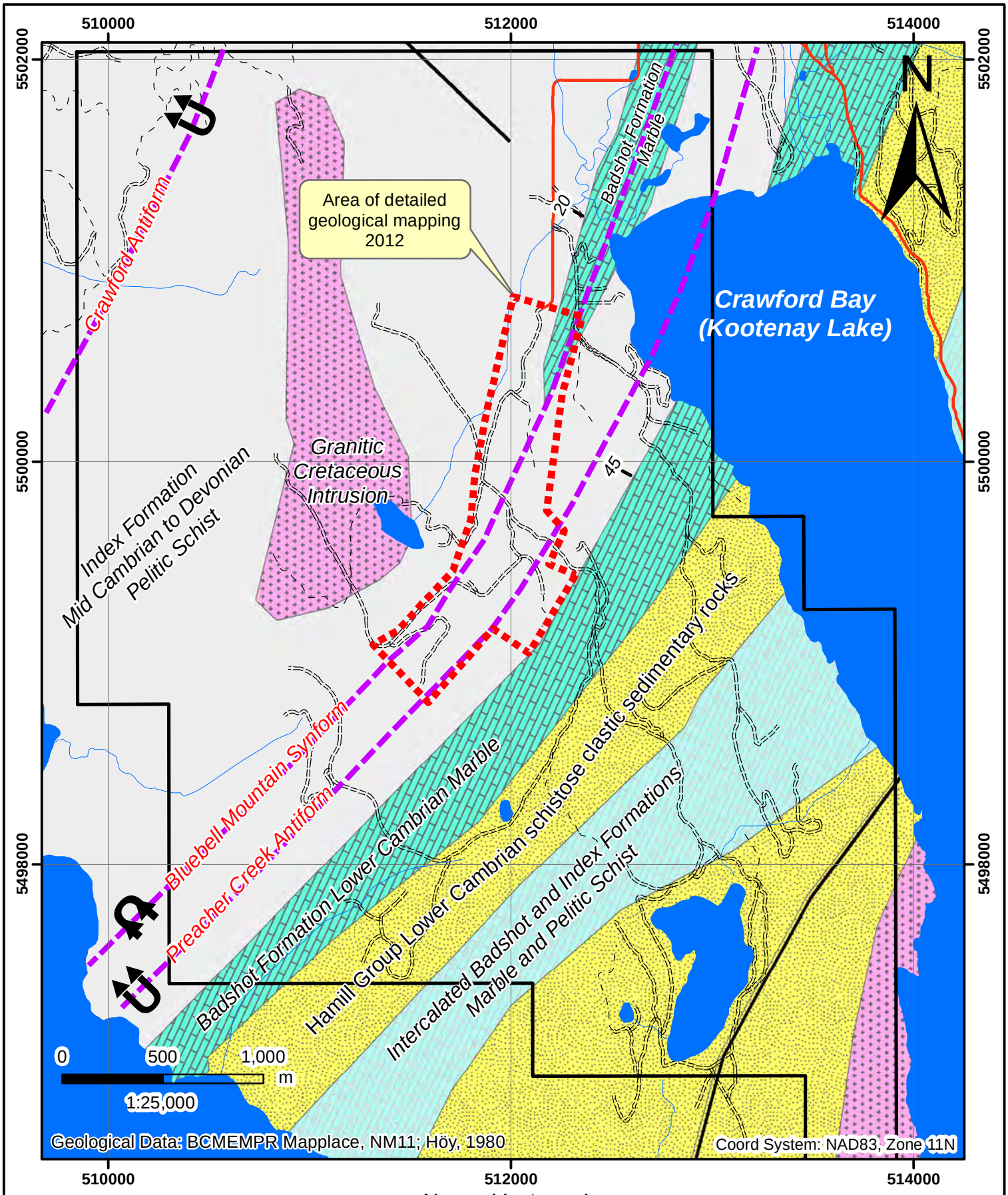
The BCMEMPR geology map for the Crawford peninsula available on Mapplace appears to correlate well with a southward projection of mapping conducted by Höy in the Riondel area to the north in 1972-1973 (Figure 5a). BCMEMPR geology in the property area is presented in Figure 10. The property is underlain by a northeast striking and moderately northwest dipping schistose Paleozoic stratigraphic sequence which was subsequently intruded by Cretaceous granitic plugs. The southeast part of the property is underlain by quartzite, schist, metasiltstone and rare amphibolite of the Lower Cambrian Hamill group. It is basically a meta-epiclastic sedimentary sequence with interbedded mafic tuff units. To the northwest there are multiple or repeated calcareous units designated as Lower Cambrian Badshot formation marble (and possibly Mohican formation) interbedded with the Hamill clastic sediments and pelitic schist of the younger Index formation.

All rocks are strongly foliated (pelitic and epiclastic rocks are schistose) with relatively consistent strikes and dips. From mapping conducted to the north (Höy, 1980) it appears that three overturned isoclinal structures cross the property (Crawford antiform, Bluebell Mountain synform, and Preacher Creek antiform) and that the geology will be complicated by multiple repeats of the stratigraphic sequence.

7.1.1 Geology of the Kokanee Property from Noram Mapping

Detailed mapping was conducted in an area coincident with the HLEM anomalies, a prominent Dighem-indicated conductive zone, and the area of Noram's 2012 drilling program (Figure 11a). This 85 hectare area covered a section of stratigraphy approximately 2 kilometres along strike and 500m wide. It is a generally 020° to 040° striking and gently to moderately northwest dipping sequence of metamorphosed fine-grained sandstone, mudstone, carbonates, and minor interbedded mafic tuff. These protoliths have been metamorphosed to quartzite, various fine-grained quartz-mica schist assemblages (pelitic schist, some units with garnet), marble and amphibolite.

A unit of white marble on the northwest side of the mapped sequence is on strike with the Badshot formation limestone exposed to the northeast in the core of the Bluebell Mountain synform (Figures 5a and 11a). Dark grey fine-grained sporadically graphitic quartzite to quartz-biotite schist occurs in a zone roughly 300m wide with minor intercalated marble and quart-mica schist. This sequence of units is tentatively located along the axis of the Preacher Creek antiform and if so, is probably substantially thickened by fold repetition. Graphitic members within these schists are of variable



Noram Ventures Inc.

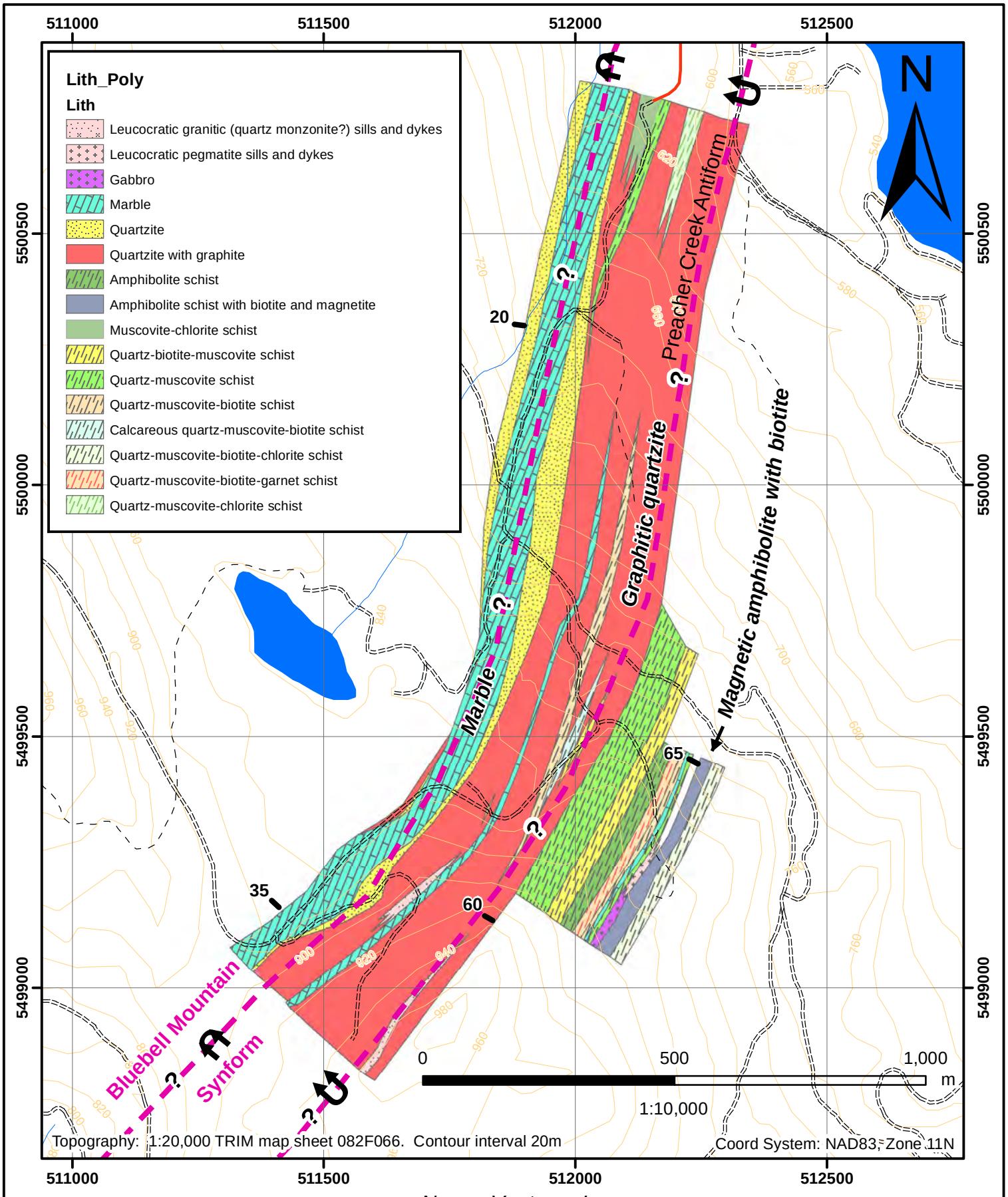
Kokanee Graphite Property

Property Geology from BCMEMPR

G. Allen, December, 2012

See Figure 5b for lithologic legend

Figure 10



Noram Ventures Inc.

Kokanee Graphite Property

Property Geology (Noram Mapping)

G. Allen, December, 2012

Figure 11a

grade. Exposure is relatively poor, but where observed, the higher-grade sections typically have widths of a few meters to a few tens of metres. Units with the highest graphite content are generally intensely gossanous and fissile with millimetre to centimetre-spaced platy to slabby cleavage. Visual estimates of graphite content range up to over 5%. Associated mineralization includes very fine-grained disseminated pyrite, pyrrhotite and minor chalcopyrite. Rocks to the southeast of the graphitic sequence are fine-grained quartz-biotite±muscovite±chlorite pelitic schists. One distinctive unit contains shattered pink garnet up to 5mm in diameter. Two dark green fine- to medium-grained amphibolite units up to 15m thick were also observed. One amphibolite unit was non magnetic. A second amphibolite contained up to 20% biotite and 5% magnetite, and was strongly magnetic.

Minor volumes of thin gabbroic, granitic, and granitic pegmatite sills (probably anatectic) were observed intruding the sequence.

The mapped graphitic sequence is coincidental with the HLEM and Dighem-defined conductors (Figure 12). The one strongly magnetic biotite-bearing amphibolite unit mapped is coincident with a prominent narrow magnetic feature in the first vertical derivative magnetic plot (Figure 13). Weaker sporadic magnetic susceptibility anomalies coincident with the graphitic quartzite units may be related to fine-grained disseminated pyrrhotite.

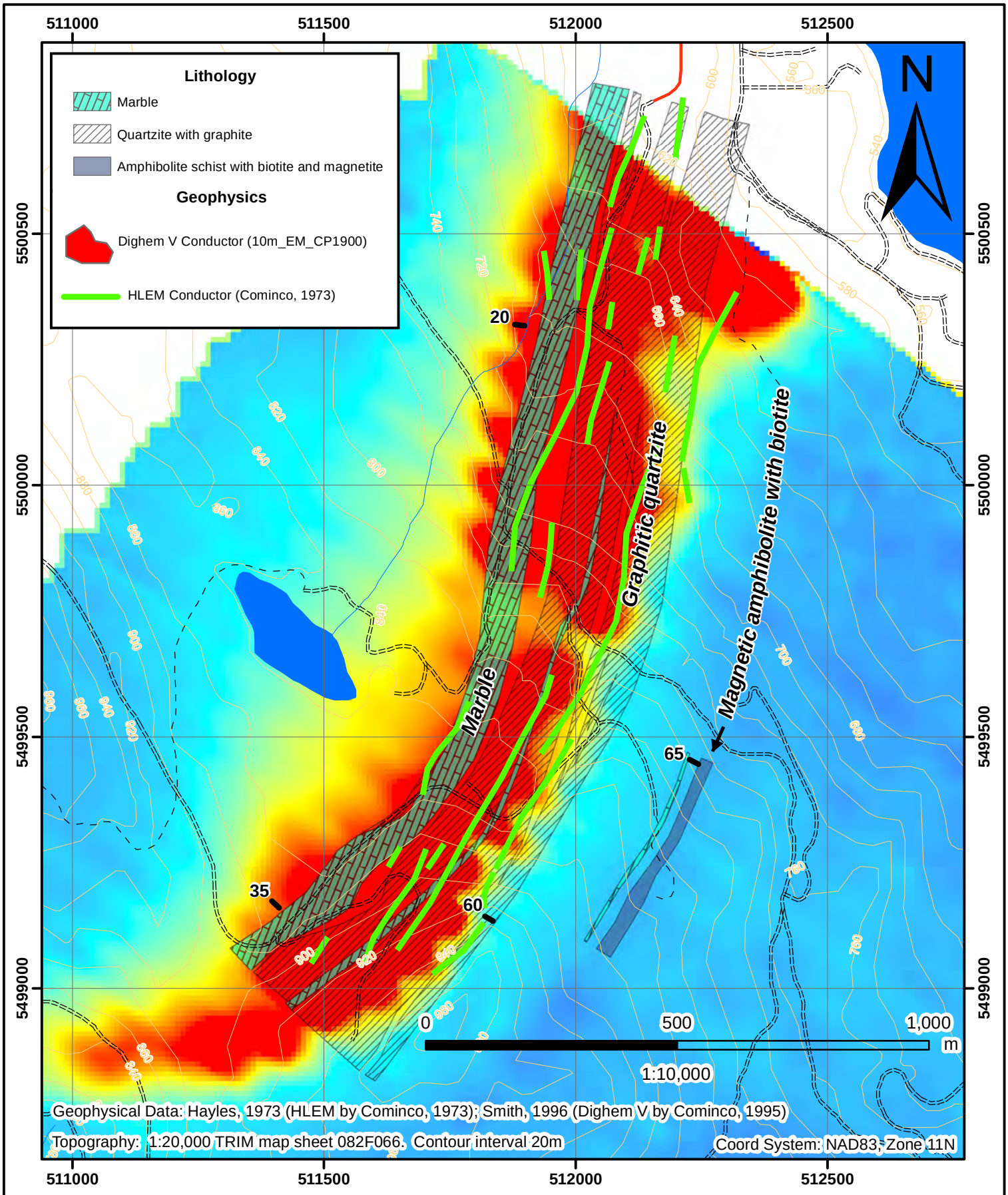
Lithologic unit descriptions are presented below.

Lithologic Unit Descriptions

Index Formation

Quartzite (QZTE)
Quartzite is generally fine-grained light to dark grey or grey-brown and massive to thinly laminated with a small component of fine-grained muscovite and biotite (phlogopite). Quartzites are typically intercalated with and gradational to fine-grained quartz-biotite schist and graphitic quartzite.

Graphitic Quartzite (QZTGr)
Graphitic quartzite is generally a medium to dark grey fine-grained aggregate of quartz (plus feldspar?) with lesser amounts of muscovite, biotite, and flake graphite. They could also be termed graphitic quartz-mica schist. Graphite content was estimated to be as high as 10%, with a grain size ranging up to roughly 0.2mm. Graphite analyses did not confirm these grades, ranging up over 5% but averaging only 2% in the sample suite collected. Grade estimates are difficult to make due to the graphite's fine-grained nature, its intimate association with muscovite and biotite, and the fact that it is only visible perpendicular to cleavage (schistosity).



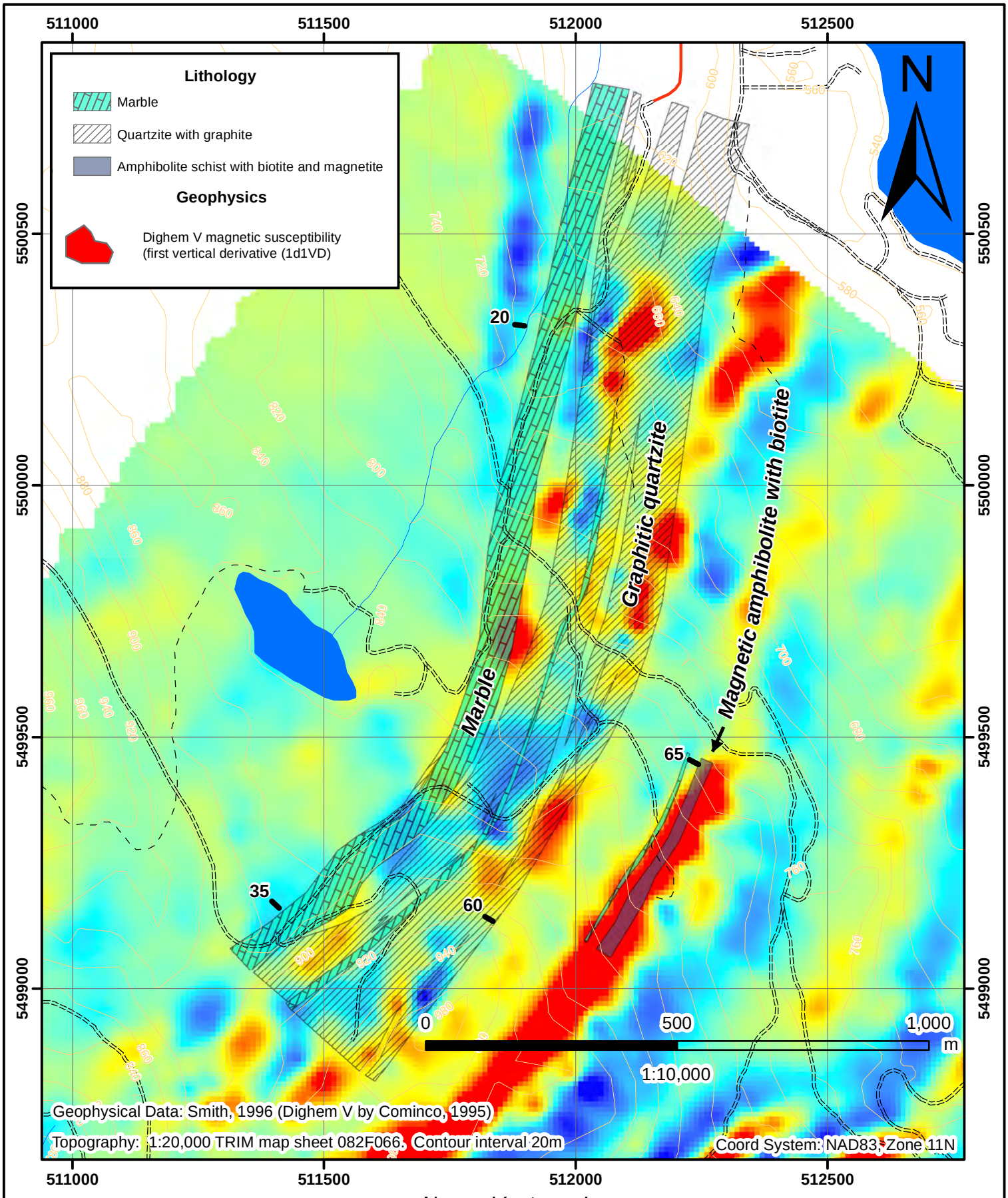
Noram Ventures Inc.

Kokanee Graphite Property

Property Geology (Noram Mapping) and Conductors

G. Allen, December, 2012

Figure 12



Noram Ventures Inc.

Kokanee Graphite Property

Property Geology (Noram Mapping) and Dighem V Magnetic Susceptibility (1d1VD)

G. Allen, December, 2012

Figure 13

Quartz-Biotite-Muscovite Schist (S_QBM) or Quartz-Muscovite-Biotite Schist (S-QMB)
These schists are generally a medium-grey, fine to coarse-grained aggregate of quartz (± calcite), pale grey to greenish-grey muscovite, brown to black biotite and variable amounts of accessory minerals such as chlorite. Schist names are based on mineralogy and ranked abundance of those minerals.

Quartz-Muscovite-Biotite-Garnet Schist (S_QMBGa)
Only one garnet-bearing schist unit was noted during mapping. It is a generally medium-grained strongly foliated aggregate of quartz, muscovite, black biotite and garnet. Pale pink garnets are generally shattered and form 1-5mm anhedral 'knots' around which the foliation wraps.

Amphibolite Schist (S_A)
These rocks are a dark greenish-grey massive to thinly laminated fine-grained aggregate of prismatic amphibole and minor quartz. They are non calcareous, non gossanous, and non magnetic. Observed amphibolite units are not well exposed but estimated to relatively thin, perhaps ranging up to 20m thick.

Amphibolite-Biotite-Magnetite Schist (S_AB)
This unit is similar to the amphibolite schist but contains up to 20% biotite and 5% magnetite. Only one thin unit was observed during mapping but it is noteworthy in that it coincides with a prominent thin strong magnetic susceptibility feature defined in the Dighem airborne survey.

Badshot Formation

Marble (MRBL)
Marble units are massive to thinly bedded, medium greenish-grey to white fine to medium-grained crystalline aggregates of calcite plus or minus accessory muscovite.

Anatectic Intrusions

Pegmatite (D/PG)
White to pale pink leucocratic pegmatites occur as sills and dykes. They are composed of coarse-grained grey quartz, white feldspar, and muscovite in crystals to 5cm.

Leucocratic Granitic Gneiss (D/LG)
These light coloured fine to medium-grained intrusions are composed of an aggregate of feldspar and quartz with 2-10% biotite. They are generally weakly foliated parallel to the foliation in the host schists. Leucocratic granitic gneiss is intimately associated with pegmatite and they are likely genetically related.

Gabbro (GABB)
These dykes or sills are massive to weakly foliated, non magnetic, fine to medium-grained equigranular crystalline aggregates of dark green amphibole (50%) and feldspar.

.....

Several other lithologies are listed in the database and shown in the property geology maps. Additional units not included in the descriptions above were differentiated on the basis of a calcareous component, or accessory mineralogy such as garnet, chlorite, or graphite. The basic rock descriptions for these units still apply.

7.2 Rock Geochemistry

A total of 26 select grab rock samples were collected on the property and sent to Acme Labs in Vancouver for analyses. Samples were crushed to 80% -10 mesh and a 250g cut was pulverized to 85% -200 mesh (Acme prep code R200-250). Graphite content was analysed by Acme method 2A09. Samples were heated to 600°C for 1 hour to burn off all organic material. They were subsequently immersed in an HCl bath to dissolve all carbonate. The resultant residue was analysed for carbon (which at that point should be all graphite) using a combustion/fusion technique with a Leco CS230 instrument. A second cut of the pulverized material for 9 select samples was also analysed for a suite of 36 metallic elements (including gold) using an ICP-MS (mass spectroscopy) technique (Acme analytical method code 1DX1).

No QAQC (quality assurance - quality control) samples were inserted in the field. Acme inserted standards and blanks in the sample sequence, and prepared pulp duplicates in the lab. Most QAQC analyses were acceptably close to expected values, and there are no concerns with the validity of the analytical work.

Sample descriptions, along with sample locations and graphite content are presented in Appendix 1. Assay certificates are included in Appendix 5.

Material collected for analyses consists exclusively of grab rock samples. An attempt was made in some cases to chip sample 1-2m widths, but it was found that graphitic rocks on the property are generally well foliated, indurated, and tough. It was very difficult to break the rock across foliation and to get a continuous sample. It became apparent that the sampling program would have to function only as a confirmation of the presence of graphite. Any indication of grade across width would have to come from channel sampling with a rock saw, or ideally from diamond drilling.

Metallic elements in rock samples are generally low. One float sample of a massive sulphide cobble composed of galena, pyrite and chalcopyrite contained highly anomalous lead, zinc, silver, copper and arsenic (sample 55272). It was undoubtedly the type of mineralization that had been observed and explored for in the area for most

of the past century. All other samples were from graphitic metasedimentary rocks; mostly graphitic quartzite. In several cases where the graphitic rock was intensely gossanous, 3-4% of very fine-grained pyrite and pyrrhotite, and traces of chalcopyrite were noted. Copper content in this type of mineralized rock typically ranged from 200 to 500 ppm. Lead, zinc and silver values were low.

Graphite content in rock samples is presented as bubble plots in Figure 14. The 25 graphitic samples collected ranged up to 5.98 % graphite, and averaged just over 2% graphite. The highest grade samples are from the northwest and southeast sides of the graphitic package, and may be from the same stratigraphic unit on both sides of an isoclinal fold. As mentioned, surface samples do not give an indication of grade of a potential resource, but they do show that higher grades occur on both margins and any drilling should be deep enough to penetrate the entire package.

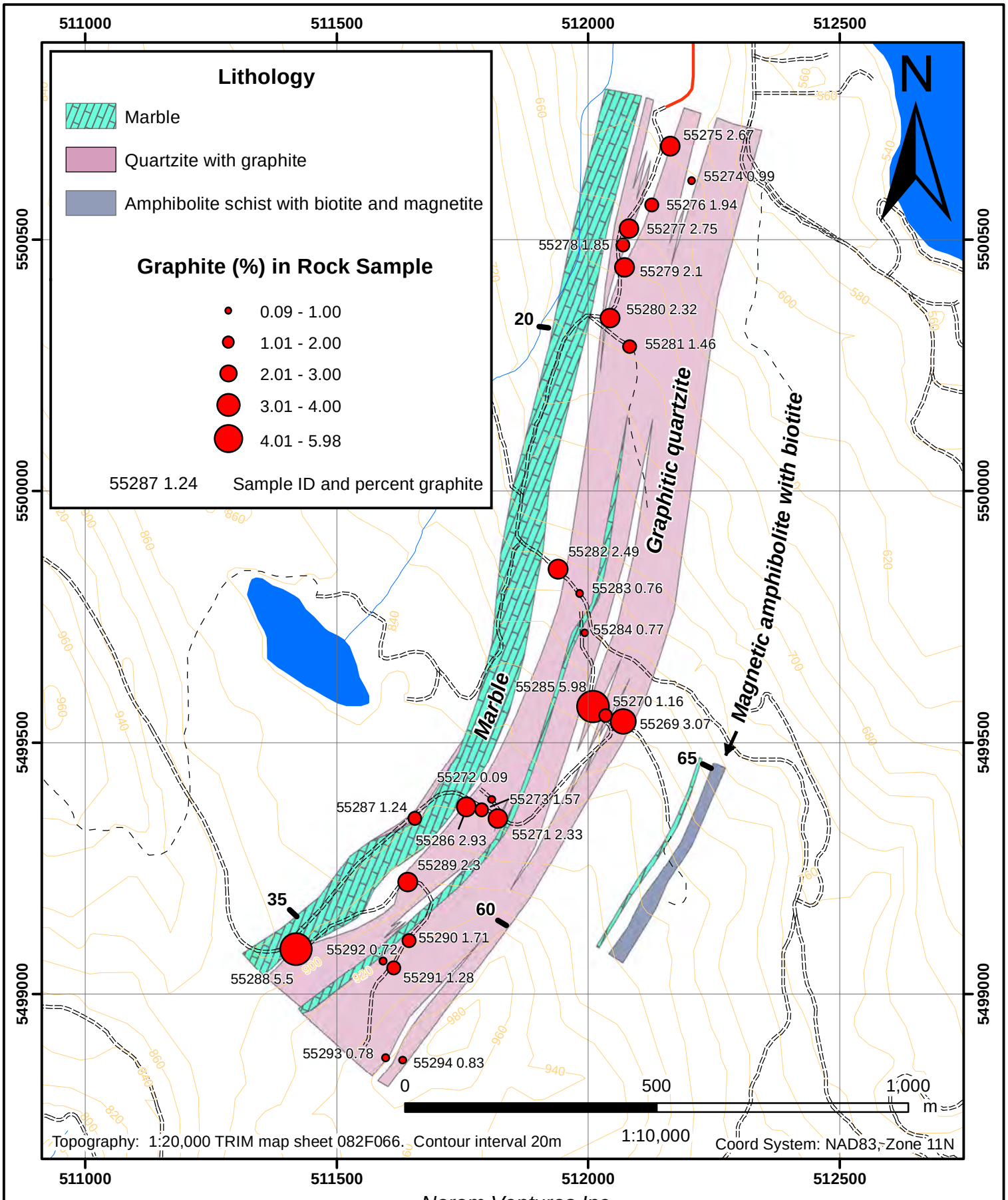
7.3 Diamond Drilling

Between September 27th and October 7th, 2012, a total of 1375.6m of diamond drilling was completed in 7 holes. Drilling was conducted by Wade Critchlow Enterprises Ltd. at the request of Noram Ventures Inc. The NQ core was split and samples sent to Acme Labs in Vancouver for graphite analyses. Core is being stored at the Vine Property drill core storage facility in Cranbrook B.C.

Drill collar locations are shown in Table 3. Drill holes in relation to Noram mapped geology are presented in Figure 15a. Drilling in relation to historic-defined conductors is presented in Figure 15b. Drill holes are shown in cross-section in Figures 16a through 16F.

A total of 367 samples were collected from core. Sample intervals ranged from 0.2 to 3.66m, and averaged 2.5m. Sample preparation and analytical techniques are the same as those outlined in Section 7.2. Graphite analyses with individual sample intervals, and composited weighted average intervals with 0.5%, 1.0% and 1.5% graphite cut-offs are presented in assay ledgers in Appendix 4.

The graphitic sequence has a surface width of roughly 220m. As mentioned, these graphitic strata appear to occupy the core of an isoclinal fold, and dips are not consistent (Figure 11b). If, however, an average dip of -50° to the northwest is assumed, the sequence would have a true width of approximately 170m. Holes have been drilled at various angles to both strike and dip of the graphitic stratigraphy. A true width factor for each hole has been calculated and presented in Table 4.



Noram Ventures Inc.

Kokanee Graphite Property

Geology and Graphite in Rock Samples

G. Allen, December, 2012

Figure 14

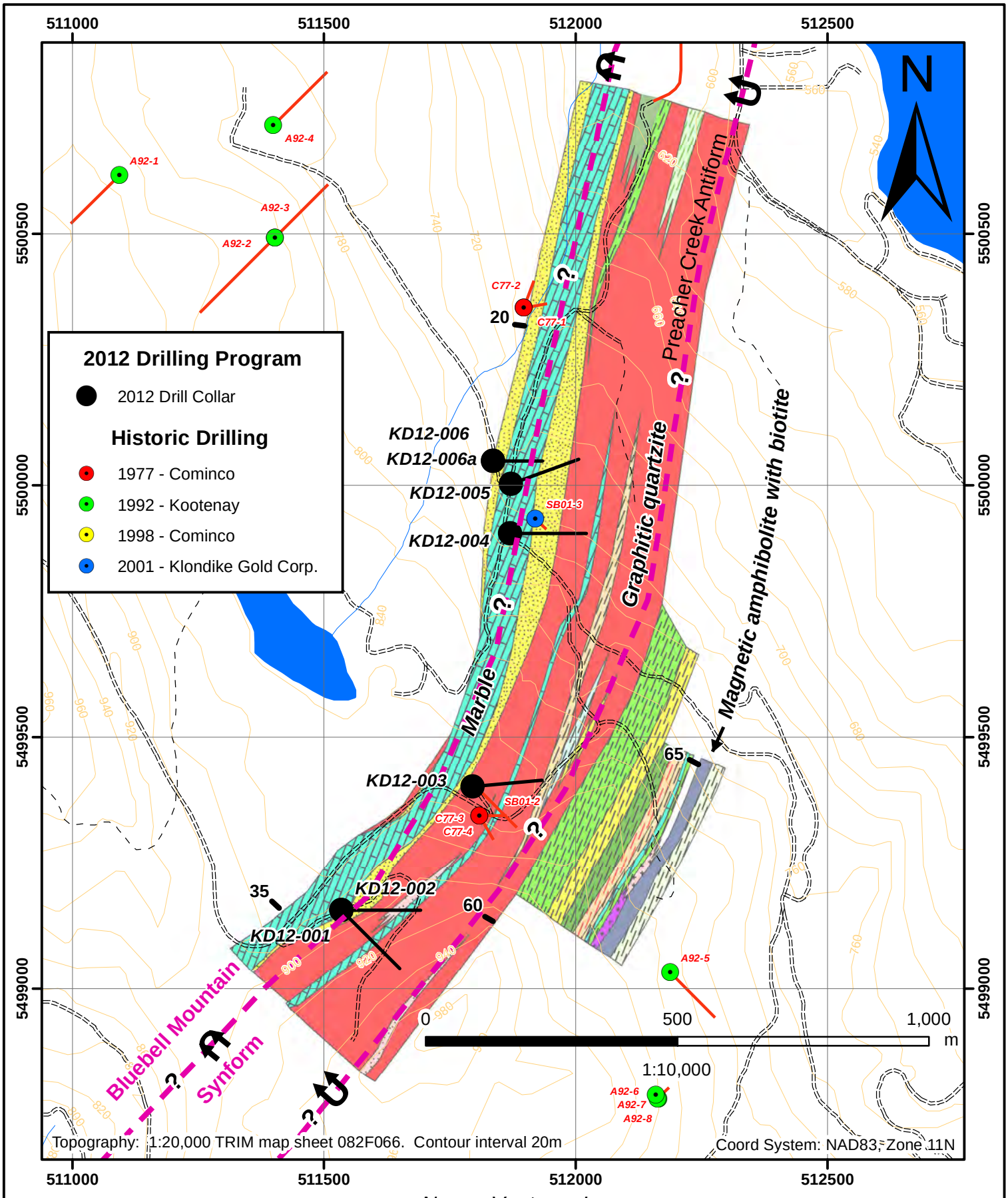
Table 3

Noram Ventures Inc.

Kokanee Graphite Property, Crawford Bay, B.C.

2012 Program Drill Hole Locations

Hole_ID	E_NAD83	N_NAD83	Elevation_m	Azimuth	Dip	Length_m
KD12-001	511534	5499156	797	135	-50	254.6
KD12-002	511534	5499156	797	090	-50	245.4
KD12-003	511795	5499402	836	085	-50	214.9
KD12-004	511870	5499905	749	090	-50	235.1
KD12-005	511871	5500003	737	070	-50	223.5
KD12-006	511836	5500049	746	090	-50	49.4
KD12-006a	511836	5500049	746	090	-50	152.7
Total						1375.6



Noram Ventures Inc.

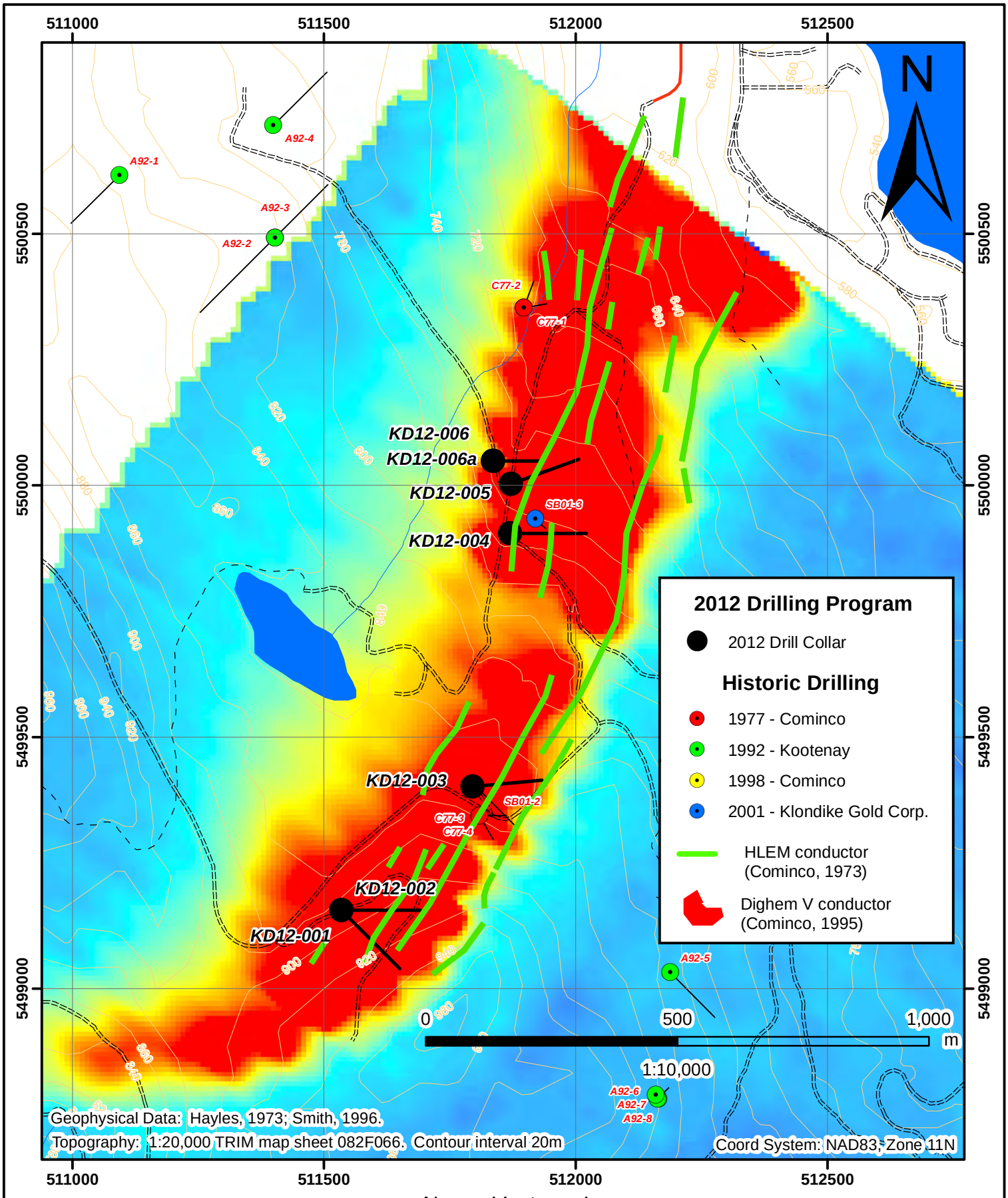
Kokanee Graphite Property

Drill Hole Locations and Property Geology (Noram Mapping)

G. Allen, December, 2012

See Figure 11a for lithology legend

Figure 15a



Noram Ventures Inc.

Kokanee Graphite Property

Drill Hole Locations and Defined Conductors

G. Allen, December, 2012

Figure 15b

5499300 N 511400 E
5499250 N 511450 E
5499200 N 511500 E
5499150 N 511550 E
5499100 N 511600 E
5499050 N 511650 E
5499000 N 511700 E
5498950 N 511750 E
5498900 N 511800 E

850 RL
800 RL
750 RL
700 RL
650 RL
600 RL
550 RL
500 RL

RockCode

- amphibolite
- argillite
- breccia
- calcsilicate
- dolomite
- fault
- lamprophyr dyke
- marble
- overburden
- dolomitic quartzite
- quartzite
- quartzite with muscovite
- biotite schist
- biotite-chlorite schist
- biotite-chlorite-muscovite schist
- biotite-chlorite-muscovite-garnet schist
- biotite-garnet schist
- calcareous biotite-chlorite-muscovite schist
- calcareous schist
- chlortite schist
- muscovite schist
- muscovite-biotite schist
- quartz-biotite schist
- quartz-biotite-chlorite-muscovite schist
- quartz-chlorite schist
- quartz-chlorite-biotite schist
- quartz-muscovite schist

percent graphite

KD12-002
KD12-001

50 m
100
150
200

0 50 100 Meters
1:1,500

Noram Ventures Inc.

Kokanee Graphite Property

Drill Hole Cross Section KD12-001

Lithology and Graphite Content (percent)

G. Allen, December, 2012 **Figure 16a**

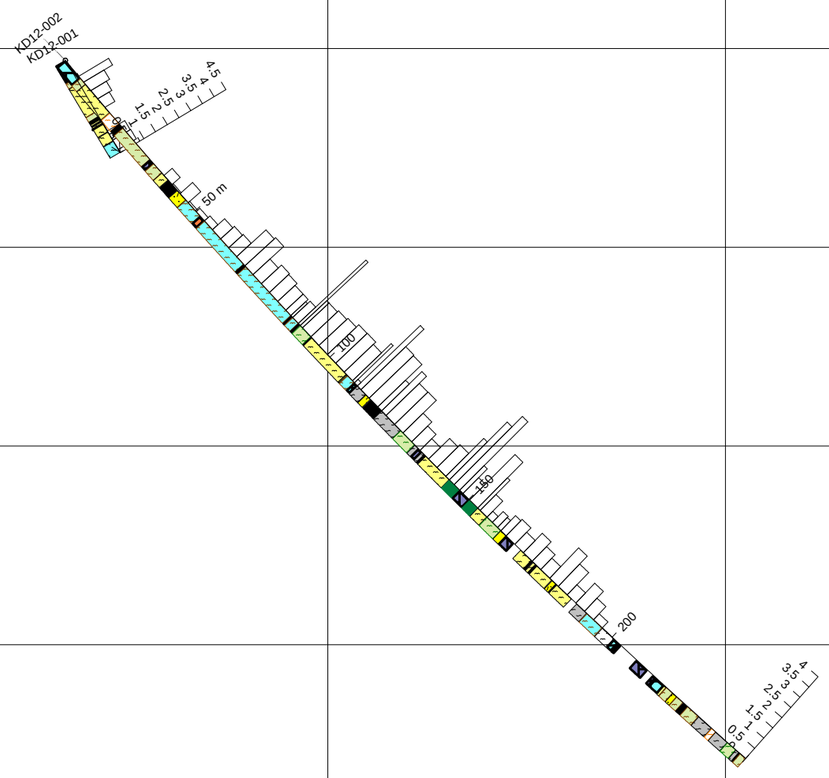
511400 E
511500 E
511600 E
511700 E
511800 E
511900 E

850 RL
800 RL
750 RL
700 RL
650 RL
600 RL
550 RL

RockCode

- amphibolite
- argillite
- breccia
- calcsilicate
- dolomite
- fault
- lamprophyr dyke
- marble
- overburden
- dolomitic quartzite
- quartzite
- quartzite with muscovite
- biotite schist
- biotite-chlorite schist
- biotite-chlorite-muscovite schist
- biotite-chlorite-muscovite-garnet schist
- biotite-garnet schist
- calcareous biotite-chlorite-muscovite schist
- calcareous schist
- chlortite schist
- muscovite schist
- muscovite-biotite schist
- quartz-biotite schist
- quartz-biotite-chlorite-muscovite schist
- quartz-chlorite schist
- quartz-chlorite-biotite schist
- quartz-muscovite schist

percent graphite



0 50 100 Meters

1:1,500

Noram Ventures Inc.

Kokanee Graphite Property

Drill Hole Cross Section KD12-002

Lithology and Graphite Content (percent)

G. Allen, December, 2012 **Figure 16b**

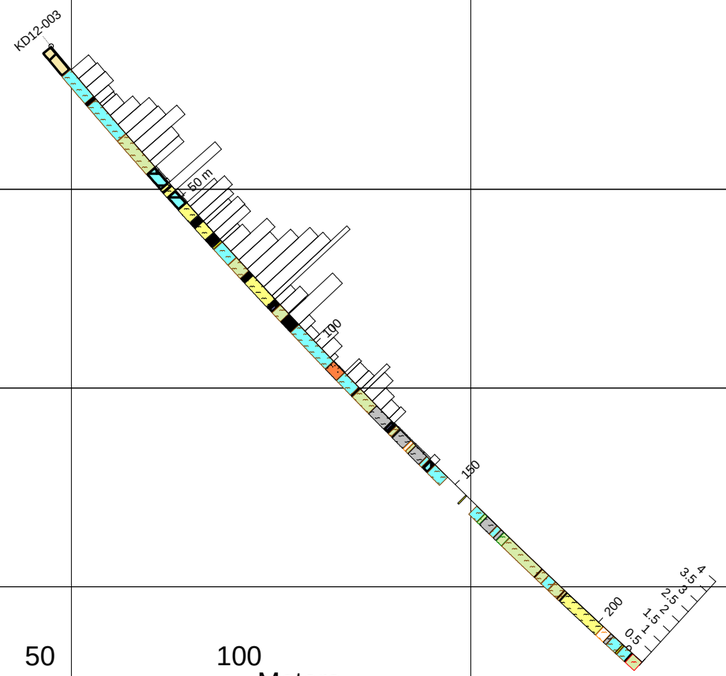
1000 RL
950 RL
900 RL
850 RL
800 RL
750 RL
700 RL
650 RL

511600 E
511700 E
5499400 N
511800 E
511900 E
512000 E
512100 E

RockCode

- amphibolite
- argillite
- breccia
- calcsilicate
- dolomite
- fault
- lamprophyr dyke
- marble
- overburden
- dolomitic quartzite
- quartzite
- quartzite with muscovite
- biotite schist
- biotite-chlorite schist
- biotite-chlorite-muscovite schist
- biotite-chlorite-muscovite-garnet schist
- biotite-garnet schist
- calcareous biotite-chlorite-muscovite schist
- calcareous schist
- chlortite schist
- muscovite schist
- muscovite-biotite schist
- quartz-biotite schist
- quartz-biotite-chlorite-muscovite schist
- quartz-chlorite schist
- quartz-chlorite-biotite schist
- quartz-muscovite schist

percent graphite



0 50 100 Meters

1:1,500

Noram Ventures Inc.

Kokanee Graphite Property

Drill Hole Cross Section KD12-003

Lithology and Graphite Content (percent)

G. Allen, December, 2012 **Figure 16c**

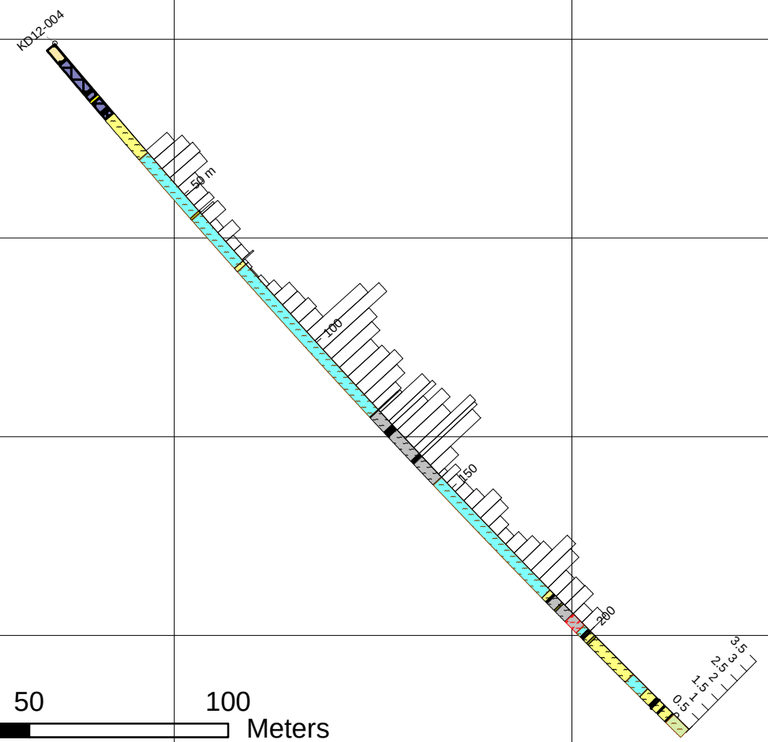
511700 E
511800 E
511900 E
512000 E
512100 E
512200 E

850 RL
800 RL
750 RL
700 RL
650 RL
600 RL
550 RL

RockCode

- amphibolite
- argillite
- breccia
- calcsilicate
- dolomite
- fault
- lamprophyr dyke
- marble
- overburden
- dolomitic quartzite
- quartzite
- quartzite with muscovite
- biotite schist
- biotite-chlorite schist
- biotite-chlorite-muscovite schist
- biotite-chlorite-muscovite-garnet schist
- biotite-garnet schist
- calcareous biotite-chlorite-muscovite schist
- calcareous schist
- chlortite schist
- muscovite schist
- muscovite-biotite schist
- quartz-biotite schist
- quartz-biotite-chlorite-muscovite schist
- quartz-chlorite schist
- quartz-chlorite-biotite schist
- quartz-muscovite schist

percent graphite



0 50 100 Meters

1:1,500

Noram Ventures Inc.

Kokanee Graphite Property

Drill Hole Cross Section KD12-004

Lithology and Graphite Content (percent)

G. Allen, December, 2012 **Figure 16d**

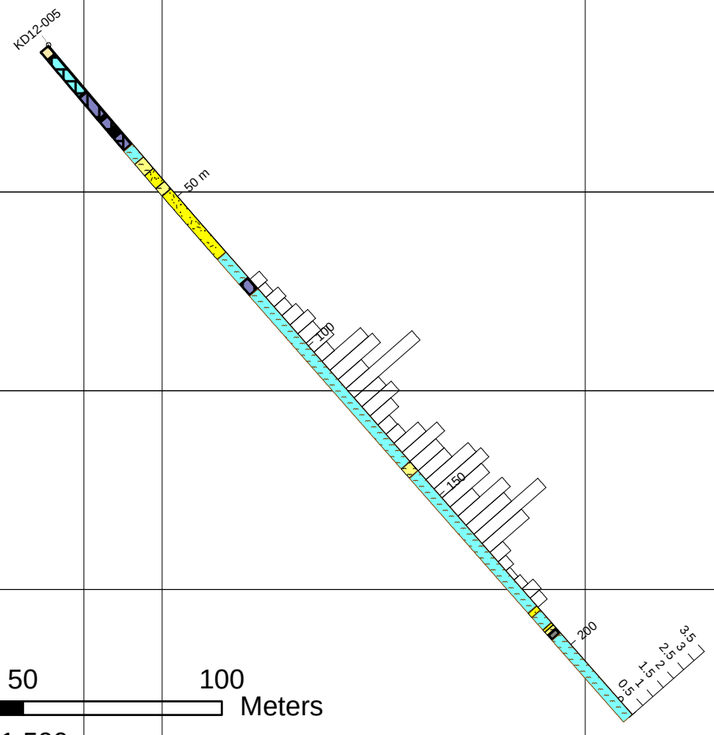
511700 E
511800 E
5500000 N
511900 E
512000 E
512100 E
5500100 N
512200 E

850 RL
800 RL
750 RL
700 RL
650 RL
600 RL
550 RL

RockCode

- amphibolite
- argillite
- breccia
- calcsilicate
- dolomite
- fault
- lamprophyr dyke
- marble
- overburden
- dolomitic quartzite
- quartzite
- quartzite with muscovite
- biotite schist
- biotite-chlorite schist
- biotite-chlorite-muscovite schist
- biotite-chlorite-muscovite-garnet schist
- biotite-garnet schist
- calcareous biotite-chlorite-muscovite schist
- calcareous schist
- chlortite schist
- muscovite schist
- muscovite-biotite schist
- quartz-biotite schist
- quartz-biotite-chlorite-muscovite schist
- quartz-chlorite schist
- quartz-chlorite-biotite schist
- quartz-muscovite schist

percent graphite



0 50 100 Meters

1:1,500

Noram Ventures Inc.

Kokanee Graphite Property

Drill Hole Cross Section KD12-005

Lithology and Graphite Content (percent)

G. Allen, December, 2012 **Figure 16e**

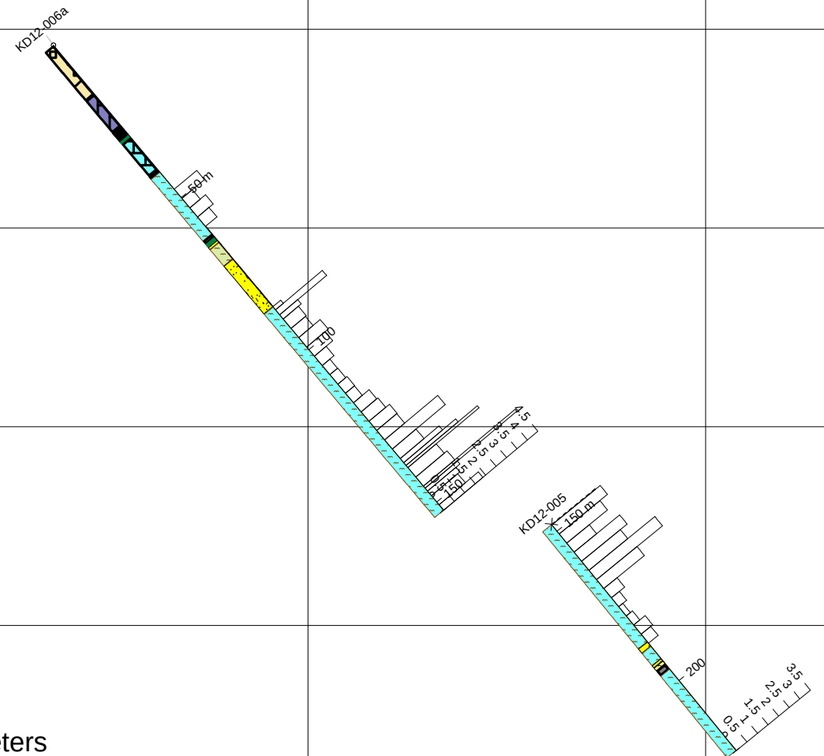
511600 E
511700 E
511800 E
511900 E
512000 E
512100 E

850 RL
800 RL
750 RL
700 RL
650 RL
600 RL
550 RL

RockCode

- amphibolite
- argillite
- breccia
- calcsilicate
- dolomite
- fault
- lamprophyr dyke
- marble
- overburden
- dolomitic quartzite
- quartzite
- quartzite with muscovite
- biotite schist
- biotite-chlorite schist
- biotite-chlorite-muscovite schist
- biotite-chlorite-muscovite-garnet schist
- biotite-garnet schist
- calcareous biotite-chlorite-muscovite schist
- calcareous schist
- chlortite schist
- muscovite schist
- muscovite-biotite schist
- quartz-biotite schist
- quartz-biotite-chlorite-muscovite schist
- quartz-chlorite schist
- quartz-chlorite-biotite schist
- quartz-muscovite schist

percent graphite



0 50 100 Meters

1:1,500

Noram Ventures Inc.

Kokanee Graphite Property

Drill Hole Cross Section KD12-006a

Lithology and Graphite Content (percent)

G. Allen, December, 2012 **Figure 16f**

Table 4: True width factors for intercepts in 2012 drill holes

Hole_ID	Hole Dip	Strata Dip	Azimuth Hole	Azimuth of Strata Dip	True Width Factor
KD12-001	50	42	135	325	0.99
KD12-002	50	42	90	325	0.82
KD12-003	50	57	85	310	0.80
KD12-004	50	20	90	310	0.89
KD12-005	50	20	70	304	0.85
KD12-006a	50	20	90	304	0.90

These true width factors have been applied to the weighted average intervals presented in the assay ledgers (Appendix 4) to calculate an approximate true width of the drill intersections (drill hole intersection width x true width factor = true width). Select weighted average intervals are presented in Table 5.

Mapping conducted in 2012 demonstrated the correlation between graphitic metasedimentary rocks and defined conductors. Drill holes were targeting historic conductors as shown in Figure 15b, and all holes intersected at least part of the 170m thick graphitic sequence.

Drill hole KD12-001 was collared near the southwest end of the Dighem-defined conductor and apparently near the northwest contact of the moderately northwest-dipping graphitic pelitic schist sequence (Figure 15a). The hole intersected graphite sporadically over a width of 185m, and continuously mineralized rock grading 1.26% graphite over a width of 137.2m (true widths). The last 65m (to the end of the hole at 254.6m) was unmineralized and the hole appears to have cut the complete graphitic sequence. Graphitic rock consisted of quartzite, quartz-mica (biotite and muscovite ± chlorite) schist, calcareous schist and marble. The base of the graphitic zone to the southeast coincides roughly with the occurrence of garnet.

Drill hole KD12-002 was collared from the same location as hole KD12-001. Graphitic pelitic schist was intersected between 56.4m and 193.6m with 1.22% graphite across a true width of approximately 112m. Sampling ended at 199.7m although the hole continued to 245.4m. It appears that the same graphitic interval was intersected in both holes. If widths of the graphitic sequence are consistent (uncertain at present) it may indicate that there is potential for an additional 30m of mineralized rock in hole KD12-002 and additional sampling may be warranted to clearly define the lower limit of mineralization.

Relatively continuous graphitic mineralization was intersected in KD12-003 between 7.8m and 128.2m with a grade of 1.15% graphite across a true width of 96.13m. If the true width of the mineralized sequence is 137.2m as indicated in hole KD12-001, then

Table 5

Kokanee Graphite
2012 Drill Intersection Summary

Hole ID	From (m)	To_(m)	Interval Width (m)	Estimated True Width (m)	Grade Graphite (%)
KD12-001	53.70	190.90	137.20	137.20	1.26
Including:	78.00	148.20	70.20	70.20	1.53
	84.10	111.60	27.50	27.50	1.75
KD12-002	56.40	193.60	137.20	111.95	1.22
Including:	88.36	154.00	65.64	53.56	1.61
	99.10	126.50	27.40	22.36	1.80
	141.80	154.00	12.20	9.95	2.13
KD12-003	7.80	128.20	120.40	96.13	1.15
Including:	22.90	40.10	17.20	13.73	1.52
	52.10	85.00	32.90	26.27	1.86
	59.50	85.00	25.50	20.36	1.96
KD12-004	84.10	200.00	115.90	102.95	1.35
Including:	96.30	145.10	48.80	43.35	2.02
KD12-005	83.80	172.30	88.50	75.14	1.39
Including:	105.20	169.20	64.00	54.34	1.77
	135.70	169.20	33.50	28.44	1.87
KD12-006a	86.90	152.70	65.80	59.36	1.10
Including:	129.60	152.70	23.10	20.84	1.75

approximately 40m of the sequence was either not intersected or not sampled. The hole appears to have been collared southeast of the graphitic contact and it likely missed some of the mineralized strata to the northwest. The hole was drilled to 214.9m but only sampled to 142.9m. Again, additional sampling is warranted.

Drill hole KD12-004 was collared well west of the graphitic sequence. Stratigraphy is shallower dipping in this area than to the south near holes 001 to 003. The upper part of the hole intersected calc silicates and calcareous mica schist, corresponding roughly with lithology indicated from mapping (marble). Sampling was conducted between 35.4m and 200.00m, although drilling continued to 235.1m. Discontinuous graphite was intersected across the entire sampled interval, a true width of approximately 185m. From surface mapping the entire graphitic sequence has an estimated true width of 170m, so this hole may have intersected the majority of the mineralized strata. Between 84.1m and 200.0m graphite graded 1.35% across a true width of 102.95m, including a 43.35m interval grading 2.02% graphite. It is uncertain if the complete graphitic sequence has been defined. Additional sampling between 11.0 and 35.4m and 200.0 and 235.1m has been requested.

Hole KD12-005 intersected 1.39% graphite across an estimated true width of 75.14m, which included 54.34m grading 1.77% graphite. As with KD12-004, KD12-005 was collared in marble well west of the graphitic sequence and drilled somewhat oblique to stratigraphy. Sampling was conducted between 77.7m and 187.5m. Continuous mineralization between 96.0 and 172.3m graded 1.39% graphite across a true width of 75.14m at the 0.5% cut-off, and 1.77% graphite across a true width of 54.34m at the 1.0% cut-off. In an attempt to better define mineralization limits, additional sampling has been requested for the 15.1 – 77.7m and 187.5 – 223.5m intervals.

Drill hole KD12-006a contained 1.10% graphite between 86.9m and the end of the hole at 152.7m, across a true width of 59.36m. The entire graphitic sequence was not penetrated and additional drilling is required.

8.0 INTERPRETATION AND CONCLUSIONS

Bluebell-type massive sulphide boulders have been found on the Crawford Peninsula and on what is now the Kokanee property since the early 1900s. Exploration programs conducted over the past several decades designed to locate a source for these boulders included electromagnetic techniques which identified a 2300m long and 200 – 300m wide northeast-trending stratigraphy-parallel conductive zone. No significant massive sulphide mineralization has ever been found associated with this conductor, but graphite in the underlying metasedimentary sequence is clearly coincident with and almost certainly causing the anomaly. A lack of significant conductors apart from this one prominent feature suggests that graphite potential on the property is largely restricted to this area.

Rocks underlying the anomaly area are isoclinally folded marble of the Badshot formation and pelitic schist of the Index formation (Lardeau group). Mapping to the north suggest that fold axes of the Bluebell Mountain synform and the Preacher Creek antiform converge in this area. The two axial planes appear to straddle the conductive feature with a separation of roughly 300m. A strongly graphitic sequence of quartzite and pelitic schist underlying the defined conductor strikes to the northeast and dips moderately to gently to the northwest. These rocks have clearly been intensely deformed and may comprise multiple fold repetitions of a thin organic-rich layer. Geometry in the area suggests that the graphitic sequence has a cumulative width of approximately 170m.

Drilling conducted in 2012 has partially tested approximately 1km of this graphitic stratigraphy. Although the limits of mineralization have not been clearly defined in all holes, there appears to be a consistently mineralized sequence within the stratigraphy grading 1.2-1.4% graphite across true widths of 100 – 140m at a 0.5% cut-off, and a slightly higher grade core zone grading 1.5 – 2.0% graphite across true widths of 50-70m at a 1% cut-off.

9.0 RECOMMENDATIONS

The extent of the graphitic sequence on the Kokanee property is relatively well defined by geophysics and geological mapping. Drilling to date indicates that there is a consistent and continuous graphite resource on the property, and continued mapping and drilling is warranted to better define this resource.

Detailed geological mapping should be expanded to the southwest and northeast extents of the Dighem-defined conductor, and well outside of the zone to the northwest and southeast to define the limits of the graphitic sequence. Continued drilling should be conducted at 200m centres initially to define a near-surface graphite resource along the entire length of the conductor. Care must be taken to drill through the complete mineralized stratigraphy. Higher-grade zones within the graphitic sequence could subsequently be drilled at 100m centres if resource categories needed upgrading.

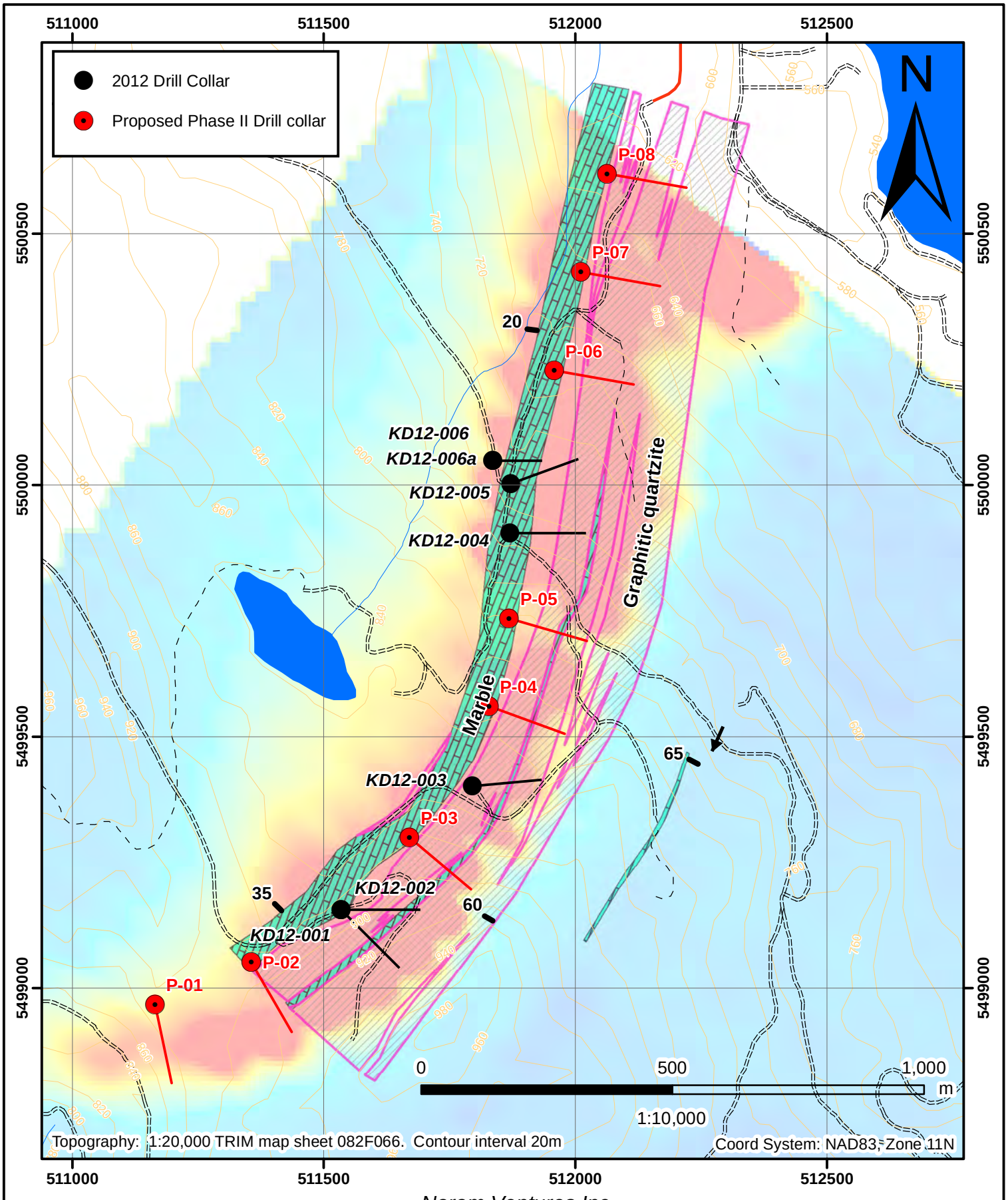
Bulk sampling and metallurgical testing should be considered to better define the potential quality and desirability of a graphite product.

A consultant or consulting engineering group with graphite experience should be contracted to conduct a scoping study to determine if grade, quality, and settings are favourable for developing a graphite resource.

Proposed Phase II drilling is presented in Figure 17. Collar locations and orientations for these proposed holes are summarized in Table 6. A budget for the Phase II program is presented in Table 7.

Table 6 **Proposed Phase II Drilling**

Hole_ID	Status	E_NAD83	N_NAD83	Elevation_m	Azimuth	Dip	Length_m
P-1	Proposed	511164	5498968	890	168	-50	250
P-2	Proposed	511356	5499052	897	150	-50	250
P-3	Proposed	511670	5499300	875	130	-50	250
P-4	Proposed	511828	5499561	835	110	-50	250
P-5	Proposed	511868	5499735	802	106	-50	250
P-6	Proposed	511958	5500228	692	100	-50	250
P-7	Proposed	512011	5500424	665	100	-50	250
P-8	Proposed	512063	5500619	634	100	-50	250
					Total		**2000**



Noram Ventures Inc.

Kokanee Graphite Property

Proposed Phase II Drilling and Dighem Conductor (10m_EM_CP1900_1995)

G. Allen, December, 2012

Figure 17

Table 7

Noram Ventures Inc.

Kokanee Graphite Property

Budget for Proposed Phase II Exploration Program

Item	Quantity / Days	Rate	Cost	Cost
Personnel:				
Geologist / project manager	10	500	5000	
Consulting geologist	50	600	30000	
Field assistants (2)	90	200	18000	
Prospector	20	350	7000	
			60000	60000
Consultants:				
Graphite specialist; engineering company				100000
Drilling:				
Direct drilling costs to contractor	2000	120	240000	240000
Analyses (Graphite only):				
Rocks (surface prospecting)	100	28	2800	
Core	800	28	22400	
Metallurgical testing, grain size determ.			20000	
			45200	45200
Accommodation:				
Rooms	120	100	12000	
Meals (daily)	120	50	6000	
			18000	18000
Transportation:				
Truck rental (2 vehicles)	90	100	9000	9000
Field Supplies				2000
Fuel				800
Report				20000
Subtotal				495000
Contingency (10%)				49500
Total				**$544,500**

Or Roughly $550,000

G. Allen, December, 2012

10.0 REFERENCES

Brabec, D., 1980; Geochemical survey on the Craw property, Slocan mining district, B.C. Assessment report 08006 for Cominco Ltd.

Digital Geology Map of B.C.; Government of British Columbia Map Place, Geospatial Downloads, Digital Geology 2005. http://www.em.gov.bc.ca/mining/Geolsurv/MapPlace/geoData.htm

Doyle, B., 1991; Sure Bet and Pup Claims, prospecting and rock sampling, Slocan Mining Division. Assessment report 21793.

Hayles, J.G., 1973; Ground geophysical surveys on the Craw group, Slocan M.D., B.C. Assessment report 04814 for Cominco Ltd.

Heddle, D.W., 1977; Diamond drilling, Craw Group, Slocan M.D., B.C. Assessment report 06247 for Cominco Ltd.

Höy, T., 1980; Geology of the Riondel Area, Central Kootenay Arc, Southeastern British Columbia. Bulletin 73; Province of British Columbia, Ministry of Energy, Mines, and Petroleum Resources. Includes; Geological map of the Riondel area, from 1972-1973 mapping by Höy.

Kerr, J.R., 2012. Geological, Geochemical and Geophysical Report on the Kokanee Graphite Property, Crawford Bay, British Columbia. Assessment report (event number 535129) prepared for Noram Ventures Inc.

Klewchuk, P., 2001; Diamond Drilling and VLF-EM Geophysics, Surebet Property, Crawford Bay area, Slocan Mining Division. Assessment report 26687 for Klondike Gold Corp.

Lawrence, D., 2012. Market analysts agree, the time to invest in graphite is right now. www.resourceworld.com, February 2012. http://www.zimtu.com/i/pdf/Resource-World-Graphite-Feb-2012.pdf

McMillan, W.J., 1991: Overview of the tectonic evolution and settings of mineral deposits in the Canadian cordillera; *in* Ore deposits, tectonics and metallogeny in the Canadian Cordillera, Province of British Columbia, Ministry of Energy, Mines and Petroleum Resources, Paper 1991-4.

Meeks, D.P., 1992; Report on diamond drill holes A92-6, 7 & 8, Arc property, Sure Bet claim, Slocan Mining division, Crawford peninsula area. Assessment report 22578.

Minfile Records. http://minfile.gov.bc.ca/searchbasic.aspx. Department of Energy, Mines and Petroleum Resources, Minfile search.

Natural Resources Canada, Geoscience Data Repository; http://gdr.nrcan.gc.ca/minres/index_e.php. Source for national geophysical, geological, and geochemical maps, world mineral deposit maps, etc.

Nelson, J., and Colpron, M., 2007: Tectonics and metallogeny of the British Columbia, Yukon, and Alaskan cordillera, 1.8 Ga to the present, *in* Mineral Deposits of Canada, Geological Association of Canada, Mineral Deposits Division, Special Publication No. 5.

Ransom, P.W., 1996; Soil geochemistry survey on the Sure Bet property, Crystal 1, Sure Bet and Pup claims, Nelson mining division, Crawford Bay, B.C. Assessment report 24351 for Cominco Ltd.

Ransom, P.W., 1998; Diamond Drilling, Ground Magnetics and EM, Sure Bet property. Assessment report 25750 for Cominco Ltd.

Smith, P.A., 1996. Dighem V magnetic and resistivity survey (1995) of the Surebet Property, British Columbia. Internal report prepared for Cominco Exploration Ltd.

Szabo, N.L., 1973; Geochemical survey on the Craw mineral claims, Crawford Bay area, Slocan Mining District, British Columbia. Assessment report 04132 for Cominco Ltd.

Pighin, D.L., 1992; Report on five diamond drill holes; Arc, Sure Bet, and Pup claims, Slocan Mining Division. Assessment report 22219.

Visser, S.J., 1991, HLEM, VLF-EM and magnetometer test survey on the Arc property, for Kokanee Explorations Ltd. Assessment report 22216.

CERTIFICATE OF AUTHOR

I, GORDON J. ALLEN, P. GEO, DO HEREBY CERTIFY THAT:

1. I am a consulting geologist with a home office at:

   2479 Jackson Valley Road,
   Duncan, British Columbia, V9L 6B2

2. I am responsible for the preparation of the report titled "Technical Assessment Report on the Geological, Geochemical, and Diamond Drilling Surveys on the Kokanee Graphite Property" (the "Technical Report") and dated December 17th, 2012.

3. I am a graduate from the University of British Columbia with a Bachelor of Science, Honours Geology degree (1975).

4. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (19692).

5. I have worked as a geologist for a total of thirty-seven years since my graduation from university and for twenty-five of those years I have held professional status.

6. I worked on the subject property between October 20th and October 23rd, 2012.

7. I am responsible for the preparation of all sections of this Technical Report except the drill logs presented in Appendix 3.

8. I am independent of the issuer as defined in section 1.4 of National Instrument 43-101.

9. I have not had prior involvement with the property that is the subject of this Technical Report.

10. I am not aware of any material fact or material change with respect to the subject matter of this Technical Report that has not been disclosed, the omission of which would make the Technical Report misleading.

Dated this 17th Day of December, 2012.

Gordon J. Allen, P. Geo

CERTIFICATE OF QUALIFIED PERSON

I, Stephen B. Butrenchuk, P. Geol., P. Geo., Consulting Geologist, of 34 Temple Crescent West, Lethbridge, Alberta T1K 4T4 do hereby certify that:

I am an independent Qualified Person working on behalf of:

Noram Ventures Inc.
12835 Gilden Road
Madeira Park, B.C., Canada , V0N 2H1

I earned a Bachelor of Science degree majoring in geology from the University of Manitoba (1966) and a Master of Science degree in geology from the same university in 1970.

I am registered with the Association of Professional Engineers, Geologists and Geophysicists in the Province of Alberta as a Professional Geologist and in the Province of British Columbia as a Professional geoscientist.

I have practiced my profession continuously for 42 years since graduation.

I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a 'qualified person' for the purposes of NI 43-101. My relevant experience for the purpose of this Technical Report is:

- Over 20 years of exploration experience industrial minerals in the Canadian Cordillera and other jurisdictions

I am responsible for the preparation of the drill logs for the report titled "Technical Assessment Report on the Geological, Geochemical, and Diamond Drilling Surveys on the Kokanee Graphite Property" and dated December 17th, 2012, relating to the Kootenay Graphite property. I worked on the Kootenay Graphite property during the period September 27- October 10, 2012.

As of December 17th, 2012, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical report not misleading.

I am independent of the issuer after applying all of the tests in section 1.5 of NI 43-101.

I have not had any prior involvement in the Kootenay Graphite property.

I have read NI 43-101 and Form 43-101F, and the Technical Report has been prepared in compliance with that instrument and form.

I make this Technical Report effective as of the 17th day of December, 2012.

"signed and sealed"

_____

Stephen B. Butrenchuk, P. Geol., P. Geo.

Appendix 1

Rock Sample Descriptions

Appendix 1 Rock Sample Descriptions

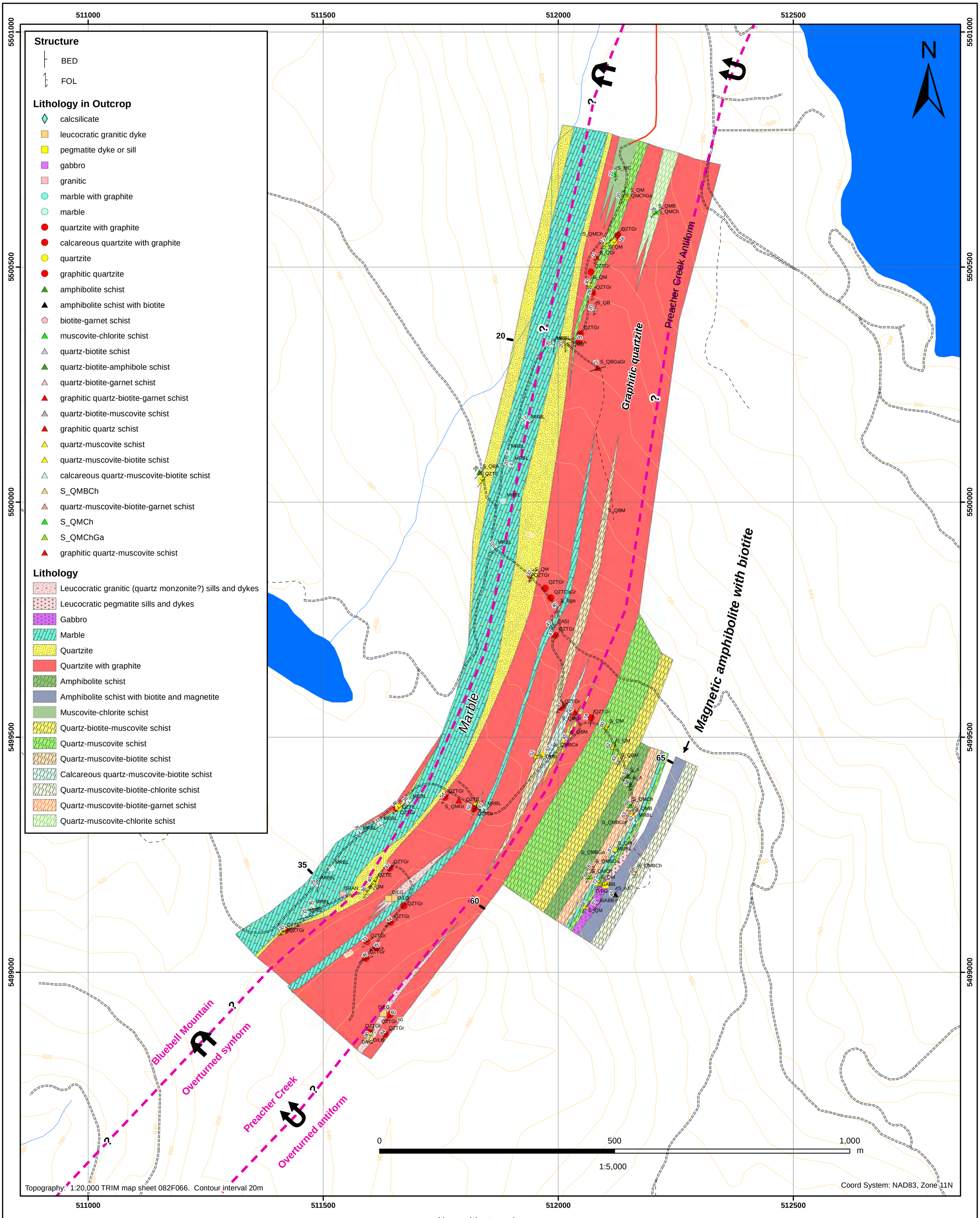
Station_ID	Station_ Type	E_UTM	N_UTM	OC_Lith_1	Float_ Lith	Py_pct	Graphite_ est_pct	Graphite pct	Cp_pct	Cu_ppm	Descriptions
55269	ROG	512070	5499541	QZTGr		2	5	3.07	0.1	328.9	Strongly gossanous f-g quartzite with slabby/fissile cleavage. 2-5% bright f-g flake graphite. Minor fold axis: 225/05. Select grab of better grade. Graphite across 2m exposure but sampled across 30cm. 5-6% graphite, 2% diss Py, and traces Cp.
55270	ROG	512036	5499553	S_QMGr			2	1.16			Gossanous slabby to fissile fine-grained quartz-muscovite-graphite schist and thinly laminated quartzite. 2% fine-grained bright flake graphite. Weak smudge.
55271	ROG	511821	5499348	QZTGr			3	2.33			Strongly gossanous, non calcareous, fine-grained blue-grey quartzite and quartz-muscovite-graphite schist. 3-4% flake graphite as brilliant blue-grey flecks.
55272	RF	511809	5499386		MSVS	15		0.09	0.1	2678.1	Grab of 15cm piece of float in new road access to DH3. Cobble composed of massive m-g galena, 15% pyrite, and traces of chalcopyrite. Sulphides appear to be in a matrix of a quartz breccia with fragments to 1cm.
55273	ROG	511789	5499366	S_QMGr			2	1.57			Adjacent to GAK030. Greenish fine-grained quartzite and quartz muscovite schist with 2-3% bright fine-grained flake graphite.
55274	ROG	512207	5500617	S_QMB				0.99			Fine-grained quartz-sericite-biotite schist with possible f-g flake graphite. Light is poor. Graphite content doubtful.
55275	RF	512164	5500685		S_QGr		8	2.67			Sample of boulders piled around base of power pole. Source uncertain. Intensely gossanous dark blue-grey very f-g quartz-graphite schist. Also some m-g muscovite-garnet-graphite schist in pile. 8% f-g amorphous to flake graphite.
55276	ROG	512127	5500568	QZTGr			2	1.94			Bedded quartzite cut by a shear at 121/82NE. Probable old trench on shear. Brecciated quartz on shear? Dark blue-grey quartz with 3-4% f-g disseminated graphite. No sulphides noted. Also f-g qz-musc-graphite schist with 2% f-g flake graphite.
55277	ROG	512082	5500521	S_QGr		3	10	2.75	0.1	441.9	Intensely gossanous dark blue-grey f-g quartz-graphite schist with 10% f-g amorphous and flake graphite, 3-4% vf-g diss Py and traces Cp. Possible source for 55275. Adjacent f-g qz-graphite schist with 3-4% flake graphite. 2-3m thick exposure.
55278	ROG	512070	5500489	QZTGr		1	6	1.85	0.1	187.3	Intensely gossanous dark blue-grey f-g quartzite and quartz-graphite schist with 6% f-g flake graphite, 1-2% vf-g disseminated pyrite and traces Cp.

Station_ID	Station_ Type	E_UTM	N_UTM	OC_Lith_1	Float_ Lith	Py_pct	Graphite_ est_pct	Graphite pct	Cp_pct	Cu_ppm	Descriptions
55279	ROG	512073	5500444	QZTGr		3	6	2.1		301.3	Strongly gossanous f-g grey-brown quartzite and quartz-muscovite schist with 6-7% fine-grained flake graphite < 0.5mm, 3% vf-g diss and clotty Py. Graphite appears to be concentrated in horizons up to a few metres thick. Not consistent.
55280	ROG	512044	5500343	QZTGr		4	8	2.32	0.5	517.6	Intensely gossanous ~0.5m thick layer in f-g quartzite and quartz-muscovite schist. Gossanous layer contains up to 8% f-g flake graphite, 4% vf-g disseminated and clotty Py, and 0.5% Cp. Host rocks contain 1-2% graphite.
55281	ROG	512083	5500286	S_QBGaGr		2	5	1.46	0.5	217.4	Intensely gossanous f-g quartz-biotite-garnet-graphite schist with 5-6% f-g flake graphite, 2-3% vf-g disseminated and clotty pyrite, and 0.5% disseminated chalcopyrite. Crushed pink garnets up to 3mm.
55282	ROG	511941	5499844	QZTGr		2	7	2.49	0.1	382.2	Intensely gossanous exposure approx 0.5m wide. F-g quartzite with graphite, quartz-muscovite-graphite schist, and quartz-muscovite-biotite-garnet-graphite schist. 7-8% f-g flake graphite, 2% vf-g diss Py, and traces Cp.
55283	ROG	511984	5499796	QZTCaGr			1	0.76			Medium brownish-grey to green-grey f-g calcareous quartzite with 1-2% f-g flake graphite. Minor pink garnet to 3mm.
55284	ROG	511994	5499717	QZTGr			2	0.77			Strongly gossanous f-g quartzite and quartz-muscovite-biotite schist with 2% f-g flake graphite.
55285	ROG	512010	5499571	S_QMGr			5	5.98			Strongly gossanous f-g quartzite and quartz-muscovite-graphite schist with 5% (+?) blue-grey amorphous to fine-grained flake graphite.
55286	ROG	511759	5499372	QZTGr			5	2.93			Intensely gossanous f-g graphitic quartzite, quartz-muscovite-graphite schist, and quartz-muscovite-garnet-graphite schist. 5-8% amorphous to f-g flake graphite. Gossanous-graphitic horizon 1m thick. Weakly graphitic above and below.
55287	ROG	511656	5499349	QZTGr			2	1.24			Medium grey slabby quartzite to f-g quartz-muscovite schist with 2% f-g flake graphite.
55288	ROG	511420	5499089	QZTGr			8	5.5			Fissile f-g greenish-grey quartzite and quartz-muscovite-graphite schist with 8-10% amorphous black and f-g flake graphite. Sample adjacent to non graphitic rock at GAK064. Graphite-rich horizons appear to be less than a few meters wide.
55289	ROG	511642	5499222	QZTGr		5	5	2.3		254.1	Intensely gossanous f-g quartzite to quartz-muscovite-graphite schist with 5% f-g flake graphite, and 5% f-g disseminated to clotty pyrite.

Station_ID	Station_Type	E_UTM	N_UTM	OC_Lith_1	Float_Lith	Py_pct	Graphite_est_pct	Graphite pct	Cp_pct	Cu_ppm	Descriptions
55290	ROG	511644	5499106	QZTGr			4	1.71			F-g quartzite to quartz-muscovite (+/- biotite)-graphite schist with 4-5% bright f-g flake graphite. Road is following a dip-slope exposure of the same graphitic horizon. Width uncertain.
55291	ROG	511614	5499052	QZTGr			2	1.28			F-g brownish quartzite and quartz-muscovite-graphite schist with 2-3% f-g flake graphite.
55292	ROG	511593	5499065	QZTGr			2	0.72			Thinly laminated fissile f-g graphitic quartzite and quartz-muscovite-graphite schist, with 2% f-g bright flake graphite. Weathering grey, atypical of graphitic rock.
55293	ROG	511598	5498873	QZTGr			3	0.78			Mderately gossanous f-g brown graphitic quartzite and quartz-muscovite-graphite schist with 3-4% f-g bright flake graphite (?). Graphite identification uncertain.
55294	ROG	511632	5498868	QZTGr			2	0.83			Slabby medium grey to limonitic brown f-g quartzite with 2-3% f-g bright flake graphite.

Appendix 2

Large Format Maps



Noram Ventures Inc.

Kokanee Graphite Property

Property Geology (Noram Mapping)

G. Allen, December, 2012

Figure 11b

Appendix 3

Diamond Drill Logs

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-01

Sheet No: 1	Logged By: SBB	**Claim:**	**Total Depth: 254.6 m (835 feet)**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started: October 3,2012**	**Lat: 5499156**	**12835 Gilden Street**
	Bearing: 135	**Date Finished: October 5, 2012**	**Dep: 511534**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged: October 6, 2012**	**Elev Collar: 797 m**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
0.00	0.80	OVERBURDEN: no core recovery	184	0.80	1.80	1.00	
0.80	5.75	MARBLE: milky-white, cream; c crystalline; massive	185	1.80	4.90	3.10	
5.75	7.46	MICA SCHIST: predominantly grey; few cream coloured bands;	186	4.90	5.75	0.85	
		heavily iron-stained throughout	187	5.75	7.90	2.15	
7.46	16.88	QUARTZ-MICA SCHIST: pale grey to grey; laminated to very thinly	188	7.90	11.00	3.10	
		layered; weakly schistose; contains both biotite & chlorite rich layers	189	11.00	14.00	3.00	
		muscovite rich layers also present; rock contains f.g. disseminated	190	14.00	17.10	3.10	
		sulphides	191	17.10	18.45	1.35	
		9.0-9.8 m: shearing sub-parallel TCA; broken core	192	18.45	19.27	0.82	
16.88	18.45	MUSCOVITE SCHIST: pale grey; laminated; schistose	193	19.27	20.10	0.83	
18.45	19.27	DOLOMITE: milky white; c. crystalline; blotchy appearance	194	20.10	23.20	3.10	
19.27	19.80	QUARTZ-MUSCOVITE SCIST: as above	195	23.20	26.20	3.00	
19.80	20.10	FAULT: strongly sheared; brecciated; gouge; shearing sub-parallel	196	26.20	29.30	3.10	
		TCA	197	29.30	30.46	1.16	
20.10	20.80	QUARTZ-MICA SCHIST: as above	198	30.46	31.13	0.67	
20.80	20.94	DOLOMITE: as above	199	31.13	32.30	1.17	
20.94	23.50	QUARTZ-MICA SCHIST: as above; contains rare quartz veinlet &	200	32.30	35.40	3.10	
		brecciated interval	201	35.40	38.40	3.00	
23.50	26.50	QUARTZ-BIOTITE SCHIST: predominantly dark grey; few greenish-	202	38.40	41.50	3.10	
		grey bands; rock contains f.g disseminated sulphides throughout;	203	41.50	44.50	3.00	
		locally contains abundant Po	204	44.50	47.60	3.10	
26.50	30.46	CALCAREOUS SCHIST: thinly banded; consists of alternating biotite	205	47.60	50.60	3.00	
		& chlorite schist bands with calc-silicate & muscovite rich bands also	206	50.60	53.70	3.10	
		present; rock is greenish-grey to grey with reddish-brown biotite rich	207	53.70	56.70	3.00	
		bands; rock is calcareous; foliation @ 65° TCA	208	56.70	59.80	3.10	
30.46	31.13	QUARTZ-BIOTITE SCHIST:	209	59.80	62.80	3.00	
			210	62.80	64.86	2.06	

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-01

Sheet No: 2	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
31.13	35.15	QUARTZ-MUSCOVITE SCHIST:moderately to strongly sheared; in part	211	64.86	66.80	1.94	
		laminae are contorted; some graphite present along surfaces;	212	66.80	68.90	2.10	
		contains rare quartz veinlet	213	68.90	69.63	0.73	
35.15	48.20	CALCAREOUS SCHIST: greenish-grey to grey with reddish-brown	214	69.63	72.00	2.37	
		biotitic bands; f.g; contains disseminated sulphides throughout; also	215	72.00	75.00	3.00	
		is moderately to strongly graphitic	216	75.00	78.00	3.00	
		37.77-37.94 m: Dolomite band; contains disseminated Po	217	78.00	81.10	3.10	
48.20	48.45	QUARTZITE: milky-white to cream; speckled; massive	218	81.10	84.10	3.00	
48.45	52.10	CALCAREOUS SCHIST: as above; contains abundant f.g. Po; rock	219	84.10	87.20	3.10	
		contains v.f.g. disseminated crystalline graphite	220	87.20	90.20	3.00	
52.10	52.87	QUARTZITE: milky-white to cream; speckled; massive; contains 2 cm	221	90.20	93.30	3.10	
		shear @ 52.42 m	222	93.30	96.30	3.00	
52.87	64.86	CALCAREOUS SCHIST: intercalated sequence of calc-silicate-biotite-	223	96.30	99.00	2.70	
		schist-muscovite schist; contains disseminated Po throughout; rock	224	99.00	102.00	3.00	
		contains moderate to abundant v.f.g. disseminated graphite	225	102.00	102.90	0.90	
64.86	66.86	QUARTZITE: speckled as above	226	102.90	105.50	2.60	
66.86	69.05	CALCAREOUS SCHIST: as above;	227	105.50	108.50	3.00	
69.05	69.63	QUARTZITE: as above	228	108.50	111.60	3.10	
69.63	83.40	CALCAREOUS SCHIST: intercalated sequence of calc-silicate-biotite-	229	111.60	114.60	3.00	
		schist-muscovite schist; contains disseminated Po throughout; rock	230	114.60	117.70	3.10	
		contains moderate to abundant v.f.g. disseminated graphite	231	117.70	120.70	3.00	
		71.55-74.80 m: much of the core sheared & broken; graphitic	232	120.70	123.80	3.10	
83.40	85.50	QUARTZ-BIOTITE SCHIST: dark grey; contains disseminated sulph.	233	123.80	126.80	3.00	
		strongly foliated	234	126.80	127.45	0.65	
85.50	85.70	QUARTZITE: milky-white to cream; speckled; massive	235	127.45	129.90	2.45	
85.70	86.75	CALCAREOUS SCHIST: as above	236	129.90	132.90	3.00	
			237	132.90	136.00	3.10	

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-01

Sheet No: 3	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
86.75	88.47	QUARTZ-BIOTITE SCIST: as above	238	136.00	138.30	2.30	
88.47	88.83	QUARTZITE: very weakly calcareous; milky-white to cream; speckled;	239	138.30	139.00	0.70	
		massive	240	139.00	142.10	3.10	
88.83	91.36	QUARTZ-BIOTITE SCHIST:as above	241	142.10	145.10	3.00	
91.36	96.30	CALCAREOUS SCHIST: as above	242	145.10	148.20	3.10	
96.30	98.60	BROKEN CORE: strongly sheared- probable Fault	243	148.20	151.20	3.00	
98.60	99.00	QUARTZITE:grey; micaceous	244	151.20	154.30	3.10	
99.00	102.90	MARBLE: milky-white; fine crystalline; massive	245	154.30	157.30	3.00	
102.90	104.00	ALTERED INTERVAL-CALC-SILICATE: very strongly sheared @ 45°	246	157.30	160.40	3.10	
		TCA	247	160.40	163.40	3.00	
104.00	108.60	FAULT: sheared brecciated; graphitic (amorphous)	248	163.40	166.50	3.10	
108.60	113.90	QUARTZ-BIOTITE SCHIST: dark grey; strongly foliated; contains	249	166.50	169.50	3.00	
		occasional calc-silicate band	250	169.50	172.60	3.10	
		120.25-120.5 m; quartz vein	251	172.60	173.60	1.00	
113.90	126.90	CALCAREOUS SCHIST: intercalated sequence of calc-silicate-biotite-	252	173.60	175.60	2.00	
		schist-muscovite schist; graphitic	253	175.60	178.70	3.10	
126.90	127.45	QUARTZITE: pale grey; v.f.g.-f.g; massive; partially sheared & chloritic	254	178.70	181.70	3.00	
127.45	135.90	QUARTZ-BIOTITE SCHIST: as above; weakly graphitic	255	181.70	184.80	3.10	
		foliation @ 75° TCA	256	184.80	186.44	1.64	
135.90	138.30	AMPHIBOLITE: dark grey to black; thick layered to massive;moderate	257	186.44	187.80	1.36	
		to strong shearing throughout;f.g.					
138.30	140.00	MICA SCHIST: grey to green layers/bands; mainly biotitic & chloritic					
		rich bands with rare calc-silicate band; graphitic					
140.00	144.30	CALCAREOUS SCHIST: alternating grey-green & reddish-brown bands					
		graphitic; bottom 20 cm sheared					
		Quartz vein @ 142.92-143.08 m					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-01

Sheet No: 4	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
144.30	150.20	MICACEOUS QUARTZITE: alternating grey to dark grey to pale green	258	187.80	190.90	3.10	
		bands; quartzitic bands with intercalated biotite & chlorite rich bands;	259	190.90	193.90	3.00	
		weakly cacareous locally; laminated to thinly banded; graphitic	260	193.90	195.17	1.27	
150.20	154.82	CHLORITE SCHIST: predominantly green with reddish-brown biotite	261	195.17	197.00	1.83	
		rich bands; also contains quartzitic bands; graphitic	262	197.00	197.70	0.70	
154.82	164.53	QUARTZ-MICA SCHIST: predominantly grey; some green and brown	263	197.70	200.00	2.30	
		bands; contains calcareoue intervals & rare quartz veinlet;	264	200.00	201.50	1.50	
		layering @65° TCA	265	201.50	203.00	1.50	
164.53	168.05	QUARTZ-MICA SCHIST: as above except the rock is sheared sub-	266	203.00	204.28	1.28	
		parallel TCA; graphite present along shear	267	204.28	205.00	0.72	
168.05	169.00	BIOTITE SCHIST: reddish-brown; contains few light grey quartzite	268	205.00	206.10	1.10	
		bands	269	206.10	207.60	1.50	
169.00	169.80	QUARTZITE: grey; f-m.g; top section contains numerous biotite rich	270	207.60	209.25	1.65	
		bands; lower half has a massive appearance	271	209.25	211.38	2.13	
169.80	172.40	QUARTZ-MICA SCHIST:biotite bands intercalated with with quartzite;	272	211.38	212.20	0.82	
		contains rare shear; graphitic	273	212.20	215.20	3.00	
172.40	173.60	QUARTZITE: cream to pale grey; v.f.g; massive; cherty appearance					
173.60	183.53	QUARTZ-MICA SCHIST: grey to dark grey; contains abundant					
		quartzite bands & disseminated sulphides throughout; graphiyic					
		177.84-178.70 m: abundant Po as massive blebs					
183.53	183.85	QUARTZITE: light grey to grey; contains abundant micaceous					
		laminae					
183.85	186.40	QUARTZ-BIOTITE SCHIST: dark grey to reddish-brown; in part has a					
		splotchy appearance; weakly calcareous; contains occasional					
		quartz-carbonate veinlet; also contains few pink garnets					
186.40	187.34	CALC-SILICATE: strongly sheared; bleached appearance					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-01

Sheet No: 5	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
187.34	189.00	QUARTZ-BIOTITE SCHIST: as above; from 187.8 m the rock contains					
		abundant garnets & Po					
189.00	194.25	CALCAREOUS SCHIST: biotitic-garnetiferous & chloritic; thinly banded					
194.25	195.17	QUARTZ-BIOTITE SCHIST: as above;					
195.17	197.70	CALC-SILICATE:predominantly light green to green; contians few					
		reddish-brown bands; in part, rock is garnetiferous; rock is generally					
		thin to medium layered except for more micaceous bands					
197.70	201.38	QUARTZ-BIOTITE SCHIST: dark grey to reddish-brown; locally,					
		contains abundant muscovite; garnetiferous; possibly graphitic;					
		wekly calcareous; contains disseminated sulphides					
201.38	204.28	CALCAREOUS SCHIST: predominantly green; contains rare reddish-					
		brown biotite rich band; thinly layered with a moderate to strong					
		foliation;					
		202.13-203.00 m: sheared with occasional brecciated interval					
204.28	205.00	CALC-SILICATE: cream to pale green grey; contains numerous					
		quartzitic bands					
205.00	207.60	MARBLE: milky white; also light grey; in part contains micaceous					
		laminae					
207.60	209.25	CALC-SILICATE: grey-green; badly broken core; sheared; contains					
		few garnets; wekly graphitic					
209.25	210.84	QUARTZITE: broken core; contains mucovite rich micaceous intervals					
210.84	211.33	BIOTITE-GARNET SCHIST: dark grey to reddish-brown					
211.33	212.38	QUARTZITE: broken core;					
212.38	214.00	BIOTITE-GARNET SCHIST: dark grey to reddish-brown					
214.00	214.80	QUARTZ-MUSCOVITE SCHIST: light grey; contians relatively abund.					
		feldspar					
214.80	217.60	BIOTITE-GARNET SCHIST: contains disseminated sulphides & rare					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-01

Sheet No: 6	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	**Sample No**	**From**	**To**	**Width**	**Cgraph**
From	**To**					**m**	
		quartz vein	274	215.20	218.30	3.10	
217.60	219.50	QUARTZITE: pale grey to creamy white; thin to medium bedded;	275	218.30	221.30	3.00	
		contains few biotitic bands	276	221.30	224.40	3.10	
219.50	222.10	BIOTITE-GARNET SCHIST: in part chloritic	277	224.40	227.40	3.00	
222.10	223.66	QUARTZ-MICA SCHIST: intercalated chlorite & biotite rich bands;	278	227.40	230.50	3.10	
		calcareous; contains garnets bottom15 cm;	279	230.50	233.50	3.00	
223.66	226.60	QUARTZ-CHLORITE SCHIST: contains numerous biotite rich bands;	280	233.50	236.60	3.10	
		dark green with reddish-brown bands	281	236.60	239.60	3.00	
226.60	227.50	DOLOMITE: massive; milky white; weak speckled appearance; weakly	282	239.60	242.70	3.10	
		siliceous; contains 45 cm wide biotite-chlorite scist band	283	242.70	245.70	3.00	
227.50	230.51	QUARTZ-CHLORITE-BIOTITE SCHIST: intercalated sequence of	284	245.70	248.80	3.10	
		biotite & chlorite rich bands; rock is dark green to reddish-brown	285	248.80	251.80	3.00	
230.51	230.71	DOLOMITE: as above	286	251.80	254.60	2.80	
230.71	233.75	QUARTZ-BIOTITE SCHIST:contains some chloritic bands; weakly					
		garnetiferous					
233.75	234.70	QUARTZITE: grey; massive					
234.70	238.26	QUARTZ-BIOTITE SCHIST: dark grey -reddish brown; contains few					
		scattered garnets throughout					
238.26	239.46	QUARTZ-MUSCOVITE SCHIST: predominantly grey; contains some					
		chlorite & minor biotite					
239.46	242.40	QUARTZ-CHLORITE SCHIST: partially broken core; green					
242.40	245.76	QUARTZ-MICA SCHIST: dark green-dark grey; contains both biotitic &					
		chloritic rich bands					
245.76	247.80	QUARTZITE: grey; micaceous					
247.80	251.80	BIOTITE-GARNET SCHIST: dark grey to reddish brown					
		249.80-249.97 m: Quartzite band					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-01

Sheet No: 7	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
251.80	254.60	QUARTZ-MICA SCHIST: chloritic with very thin quartzite layers; also					
		contains biotite rich layers; green to grey with reddish-brown intervals					
		E.O.H. @254.6 m (835 feet)					
		Downhole readings:					
		Depth 11.0m: Azm. 128.3°: Angle -51°					
		Depth 254.6m; Azm. 135.2°: Angle -47.4°					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-02

Sheet No: 1	Logged By: SBB	**Claim:**	**Total Depth: 245.4 m (805 feet)**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started: October 5, 2012**	**Lat: 5499156**	**12835 Gilden Street**
	Bearing: 090	**Date Finished: October 6, 2012**	**Dep: 511534**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged: October 7, 2012**	**Elev Collar: 797 m**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
0.00	5.90	MARBLE: milky white; c. crystalline; massive	288	22.90	25.90	3.00	
5.90	7.85	MICA SCHIST: predominantly grey; few cream colored bands; heavily	289	25.90	29.00	3.10	
		iron stained	290	29.00	32.00	3.00	
7.85	17.30	QUARTZ-MICA SCHIST: pale grey to grey; laminated to thinly banded	291	32.00	32.80	0.80	
		weakly schistose; contains both biotite & mucovite rich layers;	292	32.80	34.15	1.35	
		contains disseminated sulphides throughout; locally calcareous;	293	34.15	38.10	3.95	
		contains rare muscovite-schist band & few quartzite bands	294	38.10	41.20	3.10	
17.30	21.00	MUSCOVITE SCHIST: pale grey; well laminated & foliated; contains	295	41.20	44.20	3.00	
		few quartz veinlets; foliation @ 85° TCA21	296	44.20	47.30	3.10	
21.00	21.77	DOLOMITE: pale greenish-grey to cream; massive; c. crystalline	297	47.30	50.30	3.00	
21.77	22.10	QUARTZ-MICA SCHIST: as above	298	50.30	53.40	3.10	
22.10	22.30	DOLOMITE: as above	299	53.40	53.40	0.00	
22.30	32.80	MICA SCHIST:intercalated sequence of biotite-muscovite-chlorite rich	300	53.40	56.40	3.00	
		bands; pale grey -grey with reddish-brown layers; contains rare Cc	301	56.40	59.50	3.10	
		stringer; contains f.g disseminated sulphides throughout; graphitic	302	59.50	62.50	3.00	
		from22.9 m	303	62.50	65.50	3.00	
		25.3-25.9 m: rock contains abundant Po	304	65.50	68.60	3.10	
32.80	34.15	CALC-SILICATE: pale greenish grey - cream; brecciated with abund.	305	68.60	71.60	3.00	
		Cc stringers	306	71.60	74.70	3.10	
34.15	37.26	MICA SCHIST: quartzose; green-pale green-reddish brown; contains	307	74.70	77.70	3.00	
		abindant chlorite throughout; also contains rare muscovite rich band	308	77.70	80.80	3.10	
37.26	39.70	QUARTZ-BIOTITE SCHIST: dark grey-reddishbrown; locally contains	309	80.80	83.80	3.00	
		moderate amounts of muscovite; contains f.g. disseminated sulphides	310	83.80	85.65	1.85	
39.70	43.10	CHLORITE-BIOTITE SCHIST: intercalated sequence of chlorite &	311	85.65	86.30	0.65	
		biotite rich layers; green-grey-reddish brown; contains disseminated	312	86.30	88.36	2.06	
		sulphides- locally relatively abundant	313	88.36	89.10	0.74	

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-02

Sheet No: 2	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
43.10	46.40	QUARTZITE: grey to dark grey; massive appearance; strongly					
		micaceous- mainly biotite; weakly graphitic					
46.40	51.80	CALCAREOUS-MICA SCHIST: intercalated sequence of chlorite &					
		biotite rich layers; moderately to strongly calcareous throughout;					
		contains disseminated sulphides; moderately abundant graphite pres.					
51.80	53.45	DOLOMITE: cream-milky white; speckled appearance;micaceous;					
		contains rare mica schist band					
53.45	68.15	CALCAREOUS-MICA SCHIST: intercalated sequence of chlorite &					
		biotite rich layers; also contains grey quartzitic layers; calcareous;					
		rock is moderately to strongly graphitic; f. disseminated sulphides					
		present; contains few garnets					
		60.54-60.80 m: Fault: brecciation & gouge					
68.15	68.90	DOLOMITE: cream-milky white; strong speckled appearance; siliceous					
68.90	85.65	CALCAREOUS -MICA SCHIST: contains biotite & chlorite rich layers;					
		also contains thin quartzite layers; calcareous throughout; contains					
		rare quartz veinlet; graphitic					
		71.86-72.00 m: Dolomite: speckled					
85.65	86.30	FAULT: sheared & broken core					
86.30	88.36	CALCAREOUS-MICA SCHIST: as above					
88.36	89.10	FAULT: sheared & broken core; graphitic along shear planes					
89.10	93.00	CHLORITE SCHIST: green-dark green; strongly calcareous; contains					
		disseminated sulphides throughout; locally sulphides (Po, Py) are					
		abundant; graphitic					
93.00	93.30	QUARTZITE: cream to very pale green; massive; sheared					
93.30	106.00	QUARTZ-MICA SCHIST: cream-pale grey-grey-reddish brown; calc.;					
		contains occasional thin quartzite layer & finely disseminated sulph.					
		also contains v.f.g. disseminated graphite; Fault @ 101.5-101.8 m					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-02

Sheet No: 3	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
106.00	106.40	QUARTZITE: pale grey-grey; in part, micaceous	314	89.10	89.90	0.80	
106.40	108.90	CALCAREOUS-MICA SCHIST: cream to dark grey; intercalated	315	89.90	93.00	3.10	
		biotite & chlorite rich layers with calc-silicate bands	316	93.00	96.00	3.00	
108.90	110.00	MARBLE: milky white-very pale grey; weakly siliceous; massive	317	96.00	99.10	3.10	
110.00	113.10	BIOTITE SCHIST: dark grey-reddish brown; contains relatively abund.	318	99.10	102.10	3.00	
		fine disseminated sulphides; weakly graphitic	319	102.10	105.20	3.10	
113.10	114.80	QUARTZITE: light grey-grey; micaceous; moderately-strongly sheared;	320	105.20	108.20	3.00	
		broken core throughout; graphitic	321	108.20	108.90	0.70	
114.80	118.75	FAULT ZONE: mostly broken core; sheared & brecciated intervals;	322	108.90	110.00	1.10	
		contains amorphous graphite	323	110.00	111.30	1.30	
118.75	125.65	BIOTITE SCHIST: dark grey; contains moderate amounts of chlorite &	324	111.30	114.30	3.00	
		rare shear; graphitic	325	114.30	117.40	3.10	
		124.15-124.26 m: Quartz-Muscovite Schist	326	117.40	118.75	1.35	
125.65	130.7	CHLORITE SCHIST: pale green-green; few cream colored layers; rare	327	118.75	120.40	1.65	
		quartz veinlet & Cc stringer; contains f. to m.g. disseminated Py	328	120.40	123.50	3.10	
		with some Po; moderately-strongly graphitic; foliation @ 35° TCA	329	123.50	126.50	3.00	
130.7	132	BIOTITE SCHIST: grey-reddish brown; contains few thin quartzite	330	126.50	129.60	3.10	
		bands; foliation @ 40° TCA	331	129.60	132.60	3.00	
132	133.27	CALC-SILICATE: pale greenish-grey; massive; crackle breccia;	332	132.60	135.70	3.10	
		sheared contacts; bottom contact @ 45° TCA	333	135.70	138.70	3.00	
133.27	134.15	BIOTITE SCHIST: as above	334	138.70	141.80	3.10	
134.15	134.6	MARBLE: milky white-very pale grey; weakly siliceous; massive	335	141.80	143.05	1.25	
134.6	143.05	QUARTZ-MICA SCHIST: dark green-grey-reddish brown; consists of an	336	143.05	144.80	1.75	
		intercalated sequence of chlorite & biotite rich layers; contains rare	337	144.80	146.75	1.95	
		Cc sringer; contains weak to moderately abundant graphite	338	146.75	147.90	1.15	
143.05	146.75	AMPHIBOLITE: dark grey-black; v.f.g-f.g; generally massive; contains	339	147.90	150.27	2.37	
		thin quartzite band & disseminated sulphides	340	150.27	153.13	2.86	

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-02

Sheet No: 4	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	**Sample No**	**From**	**To**	**Width**	**Cgraph**
From	**To**					**m**	
		144.0-144.9 m: Fault: strongly sheared; broken core; graphitic	341	153.13	154.00	0.87	
146.75	150.27	CALC-SILICATE: pale green-grey; badly broken core; moderately to	342	154.00	156.40	2.40	
		strongly sheared throughout; possible Fault	343	156.40	158.30	1.90	
150.27	153.13	AMPHIBOLITE: sheared; in part, brecciated; broken core; graphite is	344	158.30	160.10	1.80	
		present along shear surfaces	345	160.10	161.25	1.15	
153.13	156.4	QUARTZ-BIOTITE SCHIST: grey -dark grey; contains thin quartzite	346	161.25	163.14	1.89	
		bands & fine disseminated sulphides; graphitic	347	163.14	166.20	3.06	
156.4	161.25	CHLORITE SCHIST: pale green-green; well laminated; calcareous;	348	166.20	169.20	3.00	
		partially sheared	349	169.20	172.30	3.10	
161.25	163.14	QUARTZITE: strongly sheared sub-parallel TCA; top 10 cm. brecciated	350	172.30	175.30	3.00	
		bottom contact is sheared & brecciated; partially broken core	351	175.30	178.40	3.10	
163.14	165.9	CALC-SILICLASTIC: intercalated sequence of quartzite & mica schists;	352	178.40	181.40	3.00	
		calcareous throughout; graphitic; contains fine disseminated Po & py					
165.9	168.2	BIOTITE-GARNET SCHIST: dark grey; contains pink garnets; contains					
		rare thin Dolomite band; abundant Po @ 166.0-166.8 m					
168.2	172.03	QUARTZ-MICA SCHIST: intercalated sequence of chlorite & biotite					
		rich layers along with thin quartzite bands; calcareous; graphitic					
172.03	172.6	FAULT: sheared & broken core; gouge; silicification					
172.6	173.64	QUARTZ-MICA SCHIST: as above					
173.64	173.94	DOLOMITE: creamygrey; c.g; mottled; weakly siliceous					
173.94	179.2	QUARTZ-MICA SCHIST: pale gret-grey0pale green; intercalated					
		sequence of quartzite-biotite schist-chlorite schist; rare muscovite					
		band also present; locally garnetiferous; graphitic					
179.2	180.6	QUARTZITE: grey; micaceous; thick bedded to massive appearance;					
		contains abundant Po 179.2-179.75 m					
180.6	180.8	FAULT: brecciation & gouge					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-02

Sheet No: 5	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
180.80	186.02	QUARTZ-MICA SCHIST: dark grey-dark green; contains chlorite &	353	181.40	184.50	3.10	
		biotite rich layers; fine disseminated sulphides present throughout;	354	184.50	187.50	3.00	
		contains occasional massive Py bleb; contains few thin quartzite	355	187.50	190.50	3.00	
		bands; from 184.0 m more muscovite rich; bottom 50 cm contains	356	190.50	193.60	3.10	
		pink garnets	357	193.60	196.60	3.00	
186.02	187.70	GARNET-BIOTITE SCHIST: green-grey-reddish brown; contains fine	358	196.60	199.70	3.10	
		disseminated sulphides	359	199.70	202.70	3.00	
187.70	191.30	BIOTITE SCHIST: predominantly reddish brown; occasional dark green;	360	202.70	205.80	3.10	
		green interval; contains rare thin Dolomite band; also contains	361	205.80	208.80	3.00	
		numerous thin quartzite bands; graphitic	362	208.80	211.90	3.10	
191.30	196.60	CACAREOUS-MICA SCHIST: light green-grey-reddish brown;	363	211.90	214.90	3.00	
		intercalated sequence of quartzite-biotite schist-chlorite schist; calc.;	364	214.90	218.00	3.10	
		contains fine disseminated supphides; graphitic	365	218.00	221.00	3.00	
196.60	200.67	MUSCOVITE-BIOTITE SCHIST: strongly schistose; grey; coarse	366	221.00	224.10	3.10	
		muscovite abundant; in part, garnetiferous; very well laminated	367	224.10	227.10	3.00	
200.67	202.20	MARBLE: very pale grey; massive coarse crystalline	368	227.10	230.20	3.10	
202.20	202.50	MUSCOVITE-BIOTITE SCHIST: AS ABOVE	369	230.20	233.20	3.00	
202.50	203.17	marble: very pale grey; massive coarse crystalline; contains few thin	370	233.20	236.30	3.10	
		schist bands bottom 20 cm.	371	236.30	239.30	3.00	
203.17	208.40	GARNET-BIOTITE SCHIST: as above; bottom 50 cm are more	372	239.30	242.40	3.10	
		quartzitic; contains rare speckled Dolomite band	373	242.40	245.40	3.00	
208.40	212.26	CALC-SILICATE: pale green-green; locally contains abundant					
		muscovite					
		210.8-211.5 m: Fault					
212.26	214.03	GARNET-BIOTITE SCHIST: as above; bottom 50 cm are more					
214.03	215.10	CALC-SILICATE: pale green-pale grey-cream; contains few garnets;					
		partly micaceous					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-02

Sheet No: 6	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
215.10	217.90	MARBLE: generally pale grey; coarse crystalline; contains few schist					
		bands					
217.9	218.63	QUARTZ-BIOTITE SCHIST: mottled appearance; partly chloritic					
218.63	220.77	MICA SCHIST: predominantly intercalated sequence of biotite &					
		chlorite rich layers with a few quartzitic bands					
220.77	222.15	QUARTZITE: pale grey; thin to medium layered; very weakly foliated;					
		micaceous; graphitic					
222.15	224.3	MICA SCHIST: intercalated chlorite & biotite rich layers; graphitic					
224.3	225.25	FAULT: very sronly sheared interval; strongly chloritic & muscovitic;					
		few garnets present					
225.25	225.78	CALC-SILICATE: pale green; siliceous; pssible alteration zone					
225.78	229.55	MICA SCHIST: strongly sheared interval; contains bands of biotite-					
		garnet schist,chlorite schist & mucoviteschist; few quartzite bands;					
		garnets present throughout					
229.55	234	BIOTITE SCHIST: contains pink garnets; also contains minor chlorite					
		& mucovite schist; also some quartzitic bands; no visible graphite					
234	235.3	MUSCOVITE SCHIST: pale grey-pale greenish grey; contains					
		numerousthin quartzite bands					
235.3	239.3	BIOTITE SCHIST: predominantly reddish brown; no garnets					
239.3	242.1	CHLORITE SCHIST: green-dark green; well laminated					
242.1	243.18	BIOTITE SCHIST: as above except garnetiferous					
243.18	243.55	MARBLE: milky white; speckled appearance					
243.55	245.1	MICA SCHIST: intercalated sequence of chlorite & biotite schist; also					
		contains numerous thin (1-2 mm thick) quartzite layers					
		E.O.H. @245.1m (805 feet)					
		Depth: 10.7m Azm: 78.2° Angle: -50.2°					
		Depth: 245.4m Azm: 89.3° Angle: -41.5°					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-03

Sheet No: 1	Logged By: SBB	**Claim:**	**Total Depth: 214.9 m (705')**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started: October 7, 2012**	**Lat: 5499402**	**12835 Gilden Street**
	Bearing: 085	**Date Finished: October 8, 2012**	**Dep: 511795**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged: october 9, 2012**	**Elev Collar: 836 m**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
0.00	7.60	OVERBURDEN: mainly boulders	374	7.80	10.70	2.90	
7.60	16.80	CALCAREOUS-MICA SCHIST: grey-green-reddish brown; intercalated	375	10.70	13.70	3.00	
		sequence of chlorite & biotite schist layers with abundant calcareous	376	13.70	16.80	3.10	
		& quartzitic layers; moderately schistose; contains fine disseminated	377	16.80	18.90	2.10	
		sulphides; also contains v.f.g. disseminated crystalline graphite	378	18.90	19.80	0.90	
		8.7-10.2 m: broken core; shear sub-parallel TCA	379	19.80	22.90	3.10	
		16.55-16.80 m: Fault:	380	22.90	25.90	3.00	
16.80	17.50	CALC-SILICATE: pale green; massive; partially broken core	381	25.90	29.00	3.10	
17.50	29.00	CALCAREOUS-MICA SCHIST: grey-green-reddish brown; calcareous;	382	29.00	32.00	3.00	
		contains moderately-strongly sheared intervals; contains rare thin	383	32.00	35.10	3.10	
		calc-silicate layer or band; contains trace to minor graphite;	384	35.10	38.10	3.00	
		foliation @ 30° TCA	385	38.10	40.10	2.00	
		20.53-20.70 m: Calc-Silicate	386	40.10	41.20	1.10	
		25.0-25.7 m: crackle breccia; silicified appearance	387	41.20	44.20	3.00	
		25.7-25.9 m: Fault; 25.9-27.0 m: broken core	388	44.20	45.37	1.17	
29.00	40.10	MICA SCHIST: top section similar to unit above; remainder consists					
		primarily of intercalated chlorite & biotite schist layers with some					
		quartzitic bands; locally, rock is weakly calcareous; contains rare					
		quartz veinlet; contains variable v.f.g disseminated graphite					
		39.0-40.1 m: Fault					
40.10	45.37	MARBLE: milky white; massive; coarse crystalline					
45.37	46.12	QUARTZ-MICA SCHIST: similar to unit above except more quartzose					
46.12	46.50	FAULT					
46.50	47.90	quartz-mica schist; biotitic; grey-dark grey; contains relatively abund.					
		fine disseminated sulphides; graphitic					
47.90	52.10	MARBLE: milky white with trace pink; massive; coarse crystalline;					
		contains some pale grey sections					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-03

Sheet No: 2	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	**Sample No**	**From**	**To**	**Width**	**Cgraph**
From	**To**					**m**	
52.10	56.40	QUARTZ-MICA SCHIST: predominantly grey-dark grey; biotitic &	389	45.37	47.90	2.53	
		chloritic; contains rare quartz vein; graphitic; contains disseminated	390	47.90	50.30	2.40	
		sulphides	391	50.30	52.10	1.80	
56.40	58.33	FAULT: strongly sheared; broken core; graphitic (amorphous)	392	52.10	53.40	1.30	
58.33	62.20	QUARTZ-MICA SCHIST: as above except contains numerous	393	53.40	56.40	3.00	
		calcareous layers/bands & rare quartz veinlet; locally contains abund.	394	56.40	58.33	1.93	
		Po; weakly graphitic	395	58.33	59.50	1.17	
62.20	64.50	FAULT: sheared; brecciation; gouge; contains rare quartz vein	396	59.50	62.20	2.70	
64.50	64.80	QUARTZ-MICA SCHIST:	397	62.20	64.50	2.30	
64.80	65.40	QUARTZITE: creamy grey; massive; f.g.	398	64.50	65.50	1.00	
65.40	70.70	CALCAREOUS-MICA SCHIST: pale green-pale grey-grey; intercalated	399	65.50	68.60	3.10	
		sequence of micaceous & calcareous layers; locally sheared &	400	68.60	71.60	3.00	
		silicified	401	71.60	74.70	3.10	
70.70	75.30	MICA SCHIST: pale grey-grey-reddish brown; thinly banded/layered;	402	74.70	77.70	3.00	
		moderately well foliated; contains few very thin calcareous layers &	403	77.70	80.80	3.10	
		few thin quartzitic bands; graphitic; foliation @ 65-70° TCA	404	80.80	83.80	3.00	
		72.15-72.65 m: Quartz Vein: contacts @ 55-60° TCA; parallel to	405	83.80	85.00	1.20	
		foliation	406	85.00	86.90	1.90	
75.30	76.85	FAULT ZONE: contains rock type as above; sheared & broken core	407	86.90	89.90	3.00	
76.85	85.00	QUARTZ-MICA SCHIST: grey-dark grey; biotitic & chloritic; contains					
		rare thin calcareoud band; has variable graphite content					
		foliation @ 55-60° TCA					
85.00	85.80	FAULT: shearing; brecciation; gouge					
85.80	86.90	CALC-SILICATE: cream-pale grey; massive; in part, calcareous;					
		sheared & broken core					
86.90	90.10	BIOTITE-CHLORITE SCHIST: green-reddish brown; locally calcareous;					
		contains few calc-silicate bands; foliation @ 25-30° TCA					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-03

Sheet No: 3	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
90.10	93.76	FAULT: strongly sheared; broken core; gouge; contains c.g Py;	408	89.90	90.10	0.20	
		graphitic (amorphous)	409	90.10	93.76	3.66	
93.76	106.45	CALCAREOUS-MICA SCHIST: green-grey-reddish brown; thinly	410	93.76	96.00	2.24	
		banded; mixed chlorite-biotite rich bands with calcareous bands; also	411	96.00	99.10	3.10	
		contains rare narrow quartzite band; graphitic; contains fine	412	99.10	102.10	3.00	
		disseminated sulphides; foliation @ 65-70° TCA	413	102.10	105.20	3.10	
106.45	110.45	DOLOMITIC QUARTZITE: very pale green-very pale grey; speckled;	414	105.20	106.45	1.25	
		also mottled; weakly micaceous; contains rare thin biotite schist	415	106.45	108.20	1.75	
		band; trace graphite	416	108.20	110.45	2.25	
110.45	115.60	CALCAREOUS-MICA SCHIST: as above; contains rare quartz vein;	417	110.45	111.30	0.85	
		variable graphite content	418	111.30	114.30	3.00	
115.60	116.15	FAULT: brecciation & gouge	419	114.30	116.25	1.95	
116.15	122.04	MICA SCHIST: predominantly grey-dark greenish grey; ocassional					
		thin reddish brown band; biotitic & chloritic; contains numerous thin					
		calcareous bands throughout; abundant Po @ bottom 30 cm;					
		graphitic					
122.04	127.50	BIOTITE SCHIST: reddish brown; garnetiferous; graphitic; contains					
		calcareous bands throughout;					
127.50	128.55	CALC-SILICATE: green; micaceous (muscovite); sheared					
128.55	129.10	DOLOMITE: micaceous (muscovite); weakly siliceous; cream;					
		speckled;					
129.10	130.20	MICA SCHIST: as above					
130.20	130.56	QUARTZITE: cream; massive; v.f.g.-f.g; micaceous; contains 5 cm					
		wide biotite schist band in center					
130.56	134.36	BIOTITE SCHIST: dark grey-reddish brown; garnetiferous; graphitic;					
		contains rare calc-silicate band; locally contians relatively abundant					
		muscovite; contains f.g. disseminated sulphides					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-03

Sheet No: 4	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
134.36	135.20	MUSCOVITE SCHIST: pale waxy green; contains rare quartz veinlet;	420	116.25	117.40	1.15	
		biotitic at top & bottom; graphitic	421	117.40	120.40	3.00	
135.20	136.10	MICA SCHIST: pale green-grey-reddish brown; thinly banded; contains	422	120.40	123.40	3.00	
		few thin quartzite bands throughout;	423	123.40	126.50	3.10	
136.10	140.00	BIOTITE SCHIST: as above; garnetiferous; contains rare quartz vein;	424	126.50	128.20	1.70	
		contains disseminated sulphides & possible trace graphite	425	128.20	129.60	1.40	
140.00	141.00	CALCAREOUS-MICA SCHIST: light grey-light green with ocassional	426	129.60	132.60	3.00	
		reddish brown band; strongly calcareous throughout; contains	427	132.60	135.70	3.10	
		numerous thin biotite schist bands; trace-minor graphite	428	135.70	138.70	3.00	
141.00	141.30	ARGILLITE: pale-light grey; well laminated	429	138.70	141.00	2.30	
141.30	142.90	MARBLE: cream-pale grey; speckled; thick bedded; weakly graphitic					
142.90	147.44	CALCAREOUS-MICA SCHIST: light grey-reddish brown; thinly banded					
		strongly calcareous; intercalated biotite & chlorite scists with					
		quartzite; banding @ 70° TCA					
147.44	153.70	BIOTITE-GARNET SCHIST: reddish brown-dark grey; pink garnet					
		porphyroblasts abundant throughout					
153.70	154.15	QUARTZITE: cream-very pale grey;f.g.; massive appearance; top					
		contact perpendicular TCA					
154.15	157.60	BIOTITE-GARNET SCHIST: reddish brown-dark grey; pink garnet					
		porphyroblasts abundant throughout					
157.60	160.50	CALCAREOUS-MICA SCHIST: thinly banded; in part, laminated;					
		contains rare carbonate band & rare calc-silicate band; locally					
		garnetiferous					
160.50	161.40	CHLORITE SCHIST: dark green-reddish brown; predominantly chloritic					
		very thinly banded with biotite rich bands; trace graphite					
161.40	164.80	BIOTITE SCHIST: reddish brown-dark grey; contains some chlorite					
		rich bands					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-03

Sheet No: 5	Logged By: SBB	Claim:	Total Depth:	Noram Ventures Inc.
Section:	Angle: -50	Date Started:	Lat:	12835 Gilden Street
	Bearing:	Date Finished:	Dep:	Madeira Park, B.C., V0N 2H1
	Core Size: NQ	Date Logged:	Elev Collar:	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
164.80	166.20	CALCAREOUS-MICA SCHIST: predominantly green; few reddish	430	141.00	142.90	1.90	
		brown bands; minor muscovite also present; calcareous throughout	431	142.90	144.80	1.90	
		165.6-166.0 m: Fault: sheared & broken core	432	144.80	147.90	3.10	
166.2	167.2	BIOTITE SCHIST: as above	433	147.90	150.90	3.00	
167.2	169.13	CHLORITE SCHIST: dark green-dark grey; thinly banded with many	434	150.90	154.00	3.10	
		biotite rich bands present	435	154.00	157.00	3.00	
169.13	172.56	MICA SCHIST: thin to thickly banded with biotite & chlorite rich bands;	436	157.00	160.10	3.10	
		also contains rare muscovite band; locally rock is weakly-moderately	437	160.10	163.10	3.00	
		calcareous; weakly graphitic	438	163.10	166.20	3.10	
172.56	180.43	MICA SCHIST: reddish brown; broken & sheared core to 174.8 m;	439	166.20	169.20	3.00	
		contains relatively abundant wispy muscovite	440	169.20	172.30	3.10	
		174.8-175.2 m: Fault	441	172.30	175.30	3.00	
180.43	180.66	QUARTZITE: white; mottled; massive	442	175.30	178.40	3.10	
180.66	182.83	MICA SCHIST: dark grey; mixed chlorite & biotite rich bands; from	443	178.40	181.40	3.00	
		181.6 m- broken core	444	181.40	184.50	3.10	
182.83	185.2	CALCAREOUS-MICA SCHIST: light-dark grey; green; thinly banded;	445	184.50	187.50	3.00	
		contains numerous strongly calcareous bands; contains few garnets	446	187.50	190.50	3.00	
		@ top; broken core	447	190.50	193.60	3.10	
185.2	188.25	MICA SCHIST: lamiated to thinly banded; grey-dark grey; contains few	448	193.60	196.60	3.00	
		pink garnets & fine disseminated sulphides; possible trace graphite	449	196.60	199.70	3.10	
188.25	188.46	QUARTZITE: white; mottled; massive	450	199.70	202.70	3.00	
188.46	189.04	MICA SCHIST: as above	451	202.70	205.80	3.10	
189.04	189.28	QUARTZITE: white; mottled; massive	452	205.80	208.80	3.00	
189.28	201.67	QUARTZ-MICA SCHIST: dark grey-dark green; laminated to very thinly	453	208.80	211.90	3.10	
		banded; predominantly an intercalated sequence of biotite & chlorite	454	211.90	214.90	3.00	
		scist bands with a few calcareous laminae or very thin bands; rare					
		quartz vein present; contains fine disseminated sulphides; minor					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-03

Sheet No: 6	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
		muscovite					
201.67	204.25	MUSCOVITE SCHIST: light grey-grey; laminated; sheared & brecciated					
		brecciated; abundant broken core; possible Fault Zone					
204.25	205.23	BIOTITE SCHIST: as above; contains few pink garnets					
205.23	208.26	CALCAREOUS-MICA SCHIST: grey-dark grey; predominantly consists					
		of medium-thick bands of calcareous quartzite with thin mica schist					
		bands; contains rare to few garnets; weakly graphitic					
208.26	208.8	QUARTZITE:					
208.8	211.54	CALCAREOUS-MICA SCHIST: intercalated sequence of biotite-garnet					
		schist, chlorite schist & calcareous quartzite; also contains rare					
		garnetiferous calc-silicate band; possible trace graphite					
211.54	211.73	MARBLE:					
211.73	214.9	GARNET-MICA SCHIST: strongly biotitic; predominantly very thinly					
		layered/banded or laminated; contains rare thick Marble band &					
		calc-silicate band; contains few narrow quartz veins;					
		layering & contacts @ 50° TCA					
		E.O.H. @214.9 m (705 feet)					
		hole made water					
		Downhole Readings:					
		Depth: 16.8m Azm: 74° Angle: -48.8°					
		Depth: 214.9m Azm: 84.2° Angle: -42.4°					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-04

Sheet No: 1	Logged By: SBB	**Claim:**	**Total Depth: 235.1 m (771')**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started: October 1, 2012**	**Lat: 5499905**	**12835 Gilden Street**
	Bearing: 090	**Date Finished: October 3, 2012**	**Dep: 511870**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged: October 3, 2012**	**Elev Collar: 749 m**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
0.00	4.90	OVERBURDEN: no core recovery; casing to 9.1 m	100	7.90	11.00	3.10	
4.90	11.00	CALC-SILICATE: predominantly green-greenish grey; also contains	101	11.00	14.00	3.00	
		dark grey bands; micaceous- locally contains abundant coarse	102	14.00	17.10	3.10	
		muscovite; broken core with iron-staining along fractures;	103	17.10	20.10	3.00	
		9.7-10.45 m: moderate shearing	104	20.10	23.20	3.10	
		10.45-11.00 m: Fault; minor brecciation	105	23.20	26.20	3.00	
11.00	14.77	CALC-SILICATE: green-grey; laminated to thinly layered; locally rock	106	26.20	29.30	3.10	
		is weakly-moderately sheared; weak-strongly calcareous throughout;	107	29.30	32.30	3.00	
		contains few vugs @ 12.0 m; locally, layers are moderately contorted	108	32.30	35.40	3.10	
		- contains abundant thin quartz-biotite schist bands	109	35.40	38.40	3.00	
14.77	15.10	LAMPROPHYRE DYKE/SILL: grey-greenish grey; v.f.g.-f.g; biotitic;	110	38.40	41.50	3.10	
		contains trace sulphides	111	41.50	44.50	3.00	
15.10	16.80	CALC-SILICATE: cream-pale green-brown; thinly layered; weakly	112	44.50	47.60	3.10	
		foliated; contains abundant micaceous bands; also contains trace	113	47.60	50.60	3.00	
		f.g. disseminated sulphides	114	50.60	53.70	3.10	
16.80	17.56	QUARTZITE: cream-white; speckled appearance due to biotite;	115	53.70	55.58	1.88	
		massive	116	55.58	56.18	0.60	
17.56	20.90	CALC-SILICATE: cream-pale green-brown; thinly layered; weakly	117	56.18	56.70	0.52	
		foliated; contains abundant micaceous bands; also contains trace	118	56.70	59.80	3.10	
		f.g. disseminated sulphides	119	59.80	62.80	3.00	
20.90	21.50	FAULT: strongly sheared; minor gouge; badly broken core; contains					
		c.g. disseminated py					
21.50	23.00	CALC-SILICATE: cream-pale green-brown; thinly layered; weakly					
		foliated; contains abundant micaceous bands; also contains trace					
		f.g. disseminated sulphides					
23.00	36.10	QUARTZ-MICA SCHIST: grey-dark grey; strongly sheared; locally,					
		contains badly broken core; contains numerous pink garnets &					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-04

Sheet No: 2	Logged By: SBB	Claim:	Total Depth:	Noram Ventures Inc.
Section:	Angle: -50	Date Started:	Lat:	12835 Gilden Street
	Bearing:	Date Finished:	Dep:	Madeira Park, B.C., V0N 2H1
	Core Size: NQ	Date Logged:	Elev Collar:	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
		occasional narrow quartz-muscovite veinlets or quartz veinlets;	120	62.80	65.90	3.10	
		locally, contains relatively abundant Po;	121	65.90	68.90	3.00	
		30.5-31.0 m: broken core	122	68.90	72.00	3.10	
		32.3-33.8 m: Shear- sub-parallel TCA; serpentine along shear	123	72.00	72.33	0.33	
36.10	55.58	CALC-SILICATE-CALCAREOUS MICA SCHIST: quartzitic; pale grey-	124	72.33	73.50	1.17	
		pale greenish grey; also has grey & brownish grey bands; thinly	125	73.50	75.00	1.50	
		layered; weakly fol;iated with foliation @ 65° TCA; diopsidic; locally,	126	75.00	78.00	3.00	
		contains pink garnets; contains crystalline graphite	127	78.00	81.10	3.10	
55.58	56.18	QUARTZITE: white; speckled	128	81.10	84.10	3.00	
56.18	72.33	CALC-SILICATE-CALCAREOUS MICA SCHIST: quartzitic; pale grey-	129	84.10	87.20	3.10	
		pale greenish grey; also has grey & brownish grey bands; thinly	130	87.20	90.20	3.00	
		layered; weakly foliated with foliation @ 65° TCA; diopsidic;	131	90.20	93.30	3.10	
		contains crystalline graphite	132	93.30	96.30	3.00	
72.33	73.50	QUARTZ-BIOTITE SCHIST: dark grey-brown; well foliated; contains	133	96.30	99.40	3.10	
		moderate Po & rare quartz veinlet; weakly graphitic	134	99.40	102.40	3.00	
73.50	102.40	CALCAREOUS-MICA SCHIST: pale grey-pale greenish grey; also has	135	102.40	105.50	3.10	
		grey & brownish grey bands; thinly layered; contains variable	136	105.50	108.50	3.00	
		amounts of graphite; also contains v.f.g. disseminated sulphides	137	108.50	111.60	3.10	
		77.0-78.0 m: rock contains relatively abundant Po	138	111.60	114.60	3.00	
		78.0-78.5 m: garnetiferous	139	114.60	117.70	3.10	
		86.5-86.9 m: Quartz-mica schist	140	117.70	120.70	3.00	
		98.15-98.40 m: Quartz vein with sheared interval	141	120.70	122.85	2.15	
102.40	122.85	CALCAREOUS-MICA SCHIST: essentially the same as above except	142	122.85	123.05	0.20	
		with more schist bands; calcareous; contains variable amounts of v.f.g	143	123.05	123.80	0.75	
		disseminated graphite; also contains disseminated sulphides	144	123.80	126.80	3.00	
122.85	123.05	FAULT: gouge; badly broken core	145	126.80	128.05	1.25	
			146	128.05	129.90	1.85	

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-04

Sheet No: 3	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
123.05	128.05	BIOTITE SCHIST: grey-dark grey; well foliated; moderately sheared;	147	129.90	132.90	3.00	
		crackle breccia 125.3-125.7 m; contains very minor graphite	148	132.90	136.00	3.10	
128.05	129.75	FAULT: brecciated; gouge; graphitic; contains sheared interval	149	136.00	138.00	2.00	
129.75	138.00	BIOTITE SCHIST: grey; finely layered-laminated; contains abundant	150	138.00	139.00	1.00	
		calc-silicate layers/bands	151	139.00	142.10	3.10	
		132.0-132.6 m: Fault: breccia; sheared bottom contact	152	142.10	145.10	3.00	
138.00	139.00	SHEAR ZONE: Biotite Schist; graphitic	153	145.10	146.20	1.10	
139.00	146.20	BIOTITE SCHIST: rock is strongly sheared & brecciated throughout;	154	146.20	148.20	2.00	
		probable fault; graphitic	155	148.20	151.20	3.00	
146.20	185.55	CALCAREOUS-MICA SCHIST: typically grey-pale greenish grey with	156	151.20	154.30	3.10	
		brown biotite rich bands; thinly layered; weakly foliated; contains	157	154.30	157.30	3.00	
		variable amounts of f.g. disseminated sulphides (mainly Po); also	158	157.30	160.40	3.10	
		contains varying amounts v.f.g. crystalline graphite; contains rare	159	160.40	163.40	3.00	
		shear	160	163.40	166.50	3.10	
		177.86-178.42 m: Fault: sheared; rock is altered	161	166.50	169.50	3.00	
		180.50-180.68 m & 181.26-181.50 m: abundant Po	162	169.50	172.60	3.10	
185.55	186.90	QUARTZ-BIOTITE SCHIST: grey-dark grey; schistose; quartzitic;	163	172.60	175.60	3.00	
		graphitic; Quartz vein: 186.45-186.67 m	164	175.60	178.70	3.10	
186.90	187.46	SHEAR ZONE: cream to very pale green; bleached appearance	165	178.70	181.70	3.00	
187.46	189.94	BIOTITE SCHIST: dark grey; few calc-silicate bands; graphitic	166	181.70	184.80	3.10	
189.94	190.40	QUARTZITE: cream-very pale grey; f.g.; massive; trace graphite					
190.40	193.90	BIOTITE SCHIST: dark grey; few calc-silicate bands; graphitic;					
		garnetiferous					
193.90	197.90	BIOTITE-GARNET SCHIST: as above except rock contains numerous-					
		abundant pink garnet porphyroblasts					
		196.54-196.74 m: Shear Zone					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-04

Sheet No: 4	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth From	Depth To	Description	Sample No	From	To	Width m	Cgraph
197.90	199.35	CALCAREOUS-MICA SCHIST: pale green-grey; thinly banded; calc.;	167	184.80	187.80	3.00	
		biotite schist bands common throughout; also contain very thin	168	187.80	190.90	3.10	
		quartzitic layers	169	190.90	193.90	3.00	
199.35	200.3	BRECCIA: pale grey; crackle; sub-rounded to angular fragments	170	193.90	197.00	3.10	
200.3	201.6	QUARTZ-BIOTITE SCHIST: grey-dark grey; schistose; quartzitic;	171	197.00	200.00	3.00	
201.6	202.1	QUARTZITE: cream-grey; f.-m.g.; thinly layered	172	200.00	203.00	3.00	
202.1	215.37	QUARTZ-BIOTITE SCHIST: grey-dark grey; contains few thin quartzite	173	203.00	206.10	3.10	
		bands; layering contoted @ 204 m; contains moderately abundant Po	174	206.10	209.10	3.00	
		contains trace to minor graphite; in part, garnetiferous	175	209.10	212.20	3.10	
215.37	220.5	CALCAREOUS MICA SCHIST: pale green-grey; thinly banded;	176	212.20	215.20	3.00	
		contains numerous biotite schist bands; contains trace to minor	177	215.20	218.30	3.10	
		graphite	178	218.30	221.30	3.00	
220.5	223.64	QUARTZ-BIOTITE SCHIST: grey-dark grey; contains few thin quartzite	179	221.30	224.40	3.10	
		bands; contains trace graphite	180	224.40	227.40	3.00	
223.64	224.1	MARBLE: cream-pale grey; f.g; massive	181	227.40	230.50	3.10	
224.1	224.5	QUARTZ-BIOTITE SCHIST: as above	182	230.50	233.50	3.00	
224.1	224.7	MARBLE: cream-pale grey; f.g; massive	183	233.50	235.10	1.60	
224.7	226.4	QUARTZ-BIOTITE SCHIST: as above; possible trace graphite					
226.4	226.8	MARBLE: cream-pale grey; f.g; massive					
226.8	229.43	QUARTZ-BIOTITE SCHIST: AS ABOVE					
229.43	229.68	MARBLE: cream-pale grey; f.g; massive					
229.68	235.1	MICA SCHIST: grey; contains both muscovite & biotite rich bands;					
		in part, garnetiferous; no visible graphite					
		E.O.H. @ 235.1 m (771 feet)					
Downhole Readings		Depth: 20.1m Azm: 73.5° Angle: -48.9°					
		Depth: 227.4m Azm: 89° Angle: -44.7°					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-05

Sheet No: 1	Logged By: SBB	Claim:	Total Depth: 223.5 m (733')	Noram Ventures Inc.
Section:	Angle: -50	Date Started: September 30, 2012	Lat: 5500003	12835 Gilden Street
	Bearing: 070	Date Finished: October 1, 2012	Dep: 511871	Madeira Park, B.C., V0N 2H1
	Core Size: NQ	Date Logged: October 2, 2012	Elev Collar: 737 m	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
0.00	2.90	OVERBURDEN: no core recovery	60	2.90	4.60	1.70	
2.90	15.10	MARBLE: milky white-cream; m.-c. crystalline; massive; contains few	61	4.60	7.60	3.00	
		vugs; Fe-carb. around vugs; no visible graphite	62	7.60	10.70	3.10	
15.10	22.60	CALC-SILICATE: grey-pale green-creamy green; laminated to thinly	63	10.70	13.70	3.00	
		layered; locally, rock contains minor disseminated Py;	64	13.70	15.10	1.40	
		18.0-18.5 m: Fault: brecciation & gouge; strongly sheared; contains	65	15.10	16.80	1.70	
		minor c.g. disseminated Py	66	16.80	19.80	3.00	
		21.6-21.75 m: Fault: contains amorphous graphite	67	19.80	22.60	2.80	
22.60	23.10	FAULT: strongly sheared; brecciation; gouge; contains amorphous	68	22.60	23.10	0.50	
		graphite	69	23.10	26.30	3.20	
23.10	26.30	CALC-SILICATE: grey-pale green-creamy green; laminated to thinly	70	26.30	28.30	2.00	
		layered; locally, rock contains minor disseminated Py;	71	28.30	29.00	0.70	
26.30	28.35	FAULT: contains strongly sheared & brecciated intervals; pyritic; also	72	29.00	32.00	3.00	
		contains some calc-silicate material; strongly sheared intervals are	73	32.00	35.10	3.10	
		muscovite rich	74	35.10	38.10	3.00	
28.35	32.60	CALC-SILICATE: grey-pale green-creamy green; laminated to thinly	75	38.10	41.20	3.10	
		layered; as above	76	41.20	44.20	3.00	
32.60	36.90	CALCAREOUS-MICA SCHIST: predominantly grey with some dark	77	44.20	47.30	3.10	
		grey & cream colored intervals; thinly layered-massive; calcareous	78	47.30	50.30	3.00	
		throughout; contains quartzite bands; contains possible trace	79	50.30	53.40	3.10	
		crystalline graphite; micaceous	80	53.40	56.40	3.00	
		32.6-33.7 m: rock is strongly schistose & contains abundant c.g.	81	56.40	59.50	3.10	
		muscovite	82	59.50	62.50	3.00	
36.90	40.70	QUARTZ-MICA SCHIST: grey-dark grey; moderately well foliated;	83	62.50	65.50	3.00	
		contains relatively abundant biotite & rare pink garnet; also contains	84	65.50	68.60	3.10	
		occasional quartz veinlet parallel to foliation	85	68.60	71.60	3.00	
			86	71.60	74.70	3.10	

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-05

Sheet No: 2	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	**Sample No**	**From**	**To**	**Width**	**Cgraph**
From	**To**					**m**	
40.70	45.00	QUARTZITE: grey; thin-thick banded/layered; contains few micaceous	87	56.40	77.70	21.30	
		partings & numerous quartz veins/veinlets	88	77.70	80.80	3.10	
45.00	47.45	QUARTZ-MICA SCHIST: as above except that pink garnet	89	80.80	83.80	3.00	
		porphyroblasts are common throughout	90	83.80	86.90	3.10	
47.45	68.60	QUARTZITE: light grey-grey; medium bedded; contains quartz-mica	91	86.90	89.90	3.00	
		schist bands of variable thickness throughout;	92	89.90	93.00	3.10	
		61.0-63.0 m: rock has speckled appearance	93	93.00	96.00	3.00	
		64.9-68.6 m: rock contains abundant Po	94	96.00	99.10	3.10	
68.60	77.00	CALCAREOUS-MICA SCHIST: grey-greenish grey; well laminated-	95	99.10	102.10	3.00	
		thinly layered/banded; moderate-strongly calcareous throughout;	96	102.10	105.20	3.10	
		contains rare quartz vein; foliation @ 60° TCA	97	105.20	108.20	3.00	
77.00	80.80	CALC-SILICATE: pale greenish grey; laminated to thinly layered;	98	108.20	111.30	3.10	
		weakly foliated	99	111.30	114.30	3.00	
80.80	138.70	CALCAREOUS-MICA SCHIST: intercalated sequence of strongly	455	114.30	117.40	3.10	
		micaceous bands with quatzitic & calc-silicate bands; grey-pale	456	117.40	120.40	3.00	
		green-greenish grey; predominantly thinly layered; rock contains	457	120.40	123.50	3.10	
		relatively abundant v.f.g. disseminated Py/Po & rare quartz veinlet;	458	123.50	126.50	3.00	
		graphitic	459	126.50	129.60	3.10	
		108.7-109.0 m: Fault; very strong shearing; gouge; graphite	460	129.60	132.60	3.00	
		122.1-122.2 m: Fault: as above	461	132.60	135.70	3.10	
138.70	141.80	QUARTZ-MICA SCHIST: grey-dark grey; moderatly foliated; contains	462	135.70	138.70	3.00	
		relatively abundant c.g. disseminated Py;	463	138.70	141.80	3.10	
		139.5-139.6 m: Breccia: contains c.g. Py cubes	464	141.80	144.80	3.00	
141.80	187.02	CALCAREOUS-MICA SCHIST: cream-grey-pale green-dark grey;	465	144.80	147.90	3.10	
		biotite common along foliation planes; contains rare graphitic parting	466	147.90	150.90	3.00	
		or shear; contains v.f.g. abundant disseminated sulphides	467	150.90	154.00	3.10	
			468	154.00	157.00	3.00	

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-05

Sheet No: 3	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
		168.8-169.3 m: Fault: broken core; very strongly sheared; graphitic	469	157.00	160.10	3.10	
187.02	188.50	QUARTZITE: creamy white; speckled appearance; massive; top	470	160.10	163.10	3.00	
		contact @ 70° TCA	471	163.10	166.20	3.10	
188.50	192.62	CALCAREOUS-MICA SCHIST: intercalated sequence of mica schist-	472	166.20	169.20	3.00	
		quartzite-calc-silicate layers; cream-grey-pale green-dark grey; thinly	473	169.20	172.30	3.10	
		layered	474	172.30	175.30	3.00	
		189.2-189.4 m: Quartz vein	475	175.30	178.40	3.10	
192.62	193.40	QUARTZITE: creamy white; speckled appearance; massive;	476	178.40	181.40	3.00	
193.40	194.39	QUARTZ-MICA SCHIST: grey; laminated; contains 15-20% Po; bottom	477	181.40	184.50	3.10	
		20 cm is strongly sheared	478	184.50	187.50	3.00	
194.39	196.10	BRECCIA: highly altered; partially bleached appearance; bottom 60 cm	479	187.50	190.50	3.00	
		strongly sheared; probable Fault	480	190.50	193.60	3.10	
196.10	223.50	CALCAREOUS-MICA SCHIST: intercalated sequence of quartzite,	481	193.60	196.60	3.00	
		mica schist & calc-silicate bands & layers; laminated-thinly layered;	482	196.60	199.70	3.10	
		202.3-204.4 m: rock contains 15-20% Po & minor Py as massive	483	199.70	202.70	3.00	
		blebs & breccia infill; rock also contains numerous pink garnets	484	202.70	205.80	3.10	
			485	205.80	208.80	3.00	
			486	208.80	211.90	3.10	
			487	211.90	214.90	3.00	
		E.O.H. @ 223.5 m (733 feet)	488	214.90	218.00	3.10	
			489	218.00	221.00	3.00	
		Downhole readings:	490	221.00	223.50	2.50	
		Depth: 74.7m Azm: 68.3° Angle: -48.7°					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-06

Sheet No: 1	Logged By: SBB	**Claim:**	**Total Depth: 49.4 m (152')**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started: September 27, 2012**	**Lat: 5500049**	**12835 Gilden Street**
	Bearing: 090	**Date Finished: September 27,2012**	**Dep: 511836**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged: September 28, 2012**	**Elev Collar: 746 m**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
0.00	16.45	OVERBURDEN: mainly boulders of varying composition	1	16.45	16.80	0.35	
16.45	20.70	CALC-SILICATE: pale grey-pale green; thinly layered; weakly foliated;	2	16.80	19.80	3.00	
		contains rare quartz veinlet; trace graphite; foliation @ 60-70° TCA	3	19.80	20.70	0.90	
20.70	30.57	QUARTZ-BIOTITE SCHIST: grey-dark grey with occasional pale green	4	20.70	22.90	2.20	
		layer; f.g; thinly layered & weakly foliated; rock contains abundant	5	22.90	25.90	3.00	
		calc-silicate material throughout; contains trace graphite	6	25.90	29.10	3.20	
		foliation @ 70° TCA	7	29.10	30.57	1.47	
		25.1-29.1 m: Fault Zone: moderate-strongly sheared; chloritic;	8	30.57	32.00	1.43	
		contains amorphous graphite	9	32.00	35.00	3.00	
30.57	40.75	MARBLE: milky white-cream-very pale grey; m.-c.crystalline; massive;	10	35.00	38.10	3.10	
		contains nil-trace graphite	11	38.10	40.75	2.65	
40.75	49.40	CALCAREOUS-MICA SCHIST: intercalated sequence of calc-silicate	12	40.75	42.37	1.62	
		& quartz-biotite schist; greenish grey-grey-dark grey; thinly layered;	13	42.37	44.20	1.83	
		weakly foliated; bands vary in thickness from 20-30 cm; rock contains	14	44.20	47.30	3.10	
		muscovite & minor c. crystalline graphite along foliation planes	15	47.30	49.40	2.10	
		40.9-41.3 m: Fault: contains abundant amorphous graphite					
		41.3-42.37 m: moderate-strong foliation & shearing; some broken					
		core					
		E.O.H. @ 49.4 m (152 feet)					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-06A

Sheet No: 1	Logged By: SBB	**Claim:**	**Total Depth: 152.7 m (501 feet)**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started: September 27, 2012**	**Lat: 5500049**	**12835 Gilden Street**
	Bearing: 090	**Date Finished: September 29, 2012**	**Dep: 511836**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged: September 30, 2012**	**Elev Collar: 746 m**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
0.00	16.00	OVERBURDEN: no recovery; re-drill	16	47.30	50.30	3.00	
16.00	26.40	CALC-SILICATE: pale grey-pale greenish grey-grey; f.g; strongly	17	50.30	53.40	3.10	
		calcareous; siliceous; laminated-thinly layered; weakly foliated;	18	53.40	56.40	3.00	
		contains abundant muscovite along some foliation/shear surfaces;	19	56.40	59.50	3.10	
		contains very minor f.g. disseminated Py & rare quartz veinlet parallel	20	59.50	62.00	2.50	
		to foliation;contains rare thin amphibolite band with very fine lenses	21	62.00	63.00	1.00	
		of massive Py parallel to foliation; foliation @50-55° TCA	22	63.00	64.04	1.04	
26.40	29.45	FAULT: moderate-strongly sheared; brecciated intervals; contains	23	64.04	64.76	0.72	
		relatively abundant chlorite & amorphous graphite; weak disseminated	24	64.76	65.50	0.74	
		Py	25	65.50	68.60	3.10	
29.45	30.30	AMPHIBOLITE: dark grey-black; massive appearance; contains few	26	68.60	71.60	3.00	
		thin Cc stringers & rare calc-silicate band;	27	71.60	74.70	3.10	
30.30	40.75	MARBLE: milky white-cream-very pale grey; m.-c. crystalline; massive;	28	74.70	77.70	3.00	
		possible trace graphite	29	77.70	80.80	3.10	
40.75	41.65	FAULT: moderate-strongly sheared; relatively abundant amorphous	30	80.80	83.80	3.00	
		graphite	31	83.80	85.90	2.10	
41.65	62.00	CALCAREOUS-MICA SCHIST: pale grey-pale greenish grey-grey; v.f.g	32	85.90	86.90	1.00	
		to f.g; thinly layered; contains calc-silicate bands & abundant thin	33	86.90	88.50	1.60	
		garnet rich bands; contains rare shear parallel to foliation; carbonate	34	88.50	89.90	1.40	
		content variable throughout	35	89.90	93.00	3.10	
		48.7-48.95 m: Quartz vein: contains abundant coarse disseminated	36	93.00	96.00	3.00	
		Py	37	96.00	99.10	3.10	
		48.5-49.8 m: numerous narrow shear zones with abundant graphite	38	99.10	102.10	3.00	
62.00	63.00	CALC-SILICATE: cream to pale greenish cream; massive; siliceous;	39	102.10	105.20	3.10	
		contains abundant muscovite along rare hairline shear surfaces;	40	105.20	108.20	3.00	
63.00	64.04	AMPHIBOLITE: dark grey with occasional grey layer; contains few thin					
		calc-silicate bands & rare garnet					

Diamond Drill Record

Property: KOOTENAY GRAPHITE **Hole No:** K-06A

Sheet No: 2	Logged By: SBB	**Claim:**	**Total Depth:**	**Noram Ventures Inc.**
Section:	Angle: -50	**Date Started:**	**Lat:**	**12835 Gilden Street**
	Bearing:	**Date Finished:**	**Dep:**	**Madeira Park, B.C., V0N 2H1**
	Core Size: NQ	**Date Logged:**	**Elev Collar:**	

Depth		Description	Sample No	From	To	Width	Cgraph
From	To					m	
64.04	64.76	QUARTZITE: creamy white; speckled appearance; f.-m.g; contains	41	108.20	111.30	3.10	
		minor disseminated garnet & biotite	42	111.30	114.30	3.00	
64.76	70.15	MICA SCHIST: predominantly dark grey-black; laminated to thinly	43	114.30	117.40	3.10	
		layered; weakly foliated; contains numerous thin quartzite bands; also	44	117.40	120.40	3.00	
		contains abundant garnets; contains trace Po	45	120.40	123.50	3.10	
		foliation @ 65-70° TCA	46	123.50	126.50	3.00	
70.15	85.9	QUARTZITE: creamy white-pale grey-grey; speckled appearance	47	126.50	129.60	3.10	
		locally; contains abundant quartz veins & veinlets; contains abund.	48	129.60	132.60	3.00	
		dark grey-black laminae & occasional very narroe shear with abund.	49	132.60	135.70	3.10	
		muscovite; contains trace Po	50	135.70	137.05	1.35	
85.9	88.5	CALCAREOUS-MICA SCHIST: in part, calc-silicate; grey-dark grey-	51	137.05	138.00	0.95	
		green; laminated to very thinly banded; contains abundant Po as	52	138.00	138.70	0.70	
		blebs; also contains minor Py	53	138.70	141.80	3.10	
88.5	152.7	CALCAREOUS-MICA SCHIST: grey-greenish grey with some pink	54	141.80	144.80	3.00	
		bands; laminated to very thinly banded; interlayered calcareous-	55	144.80	145.43	0.63	
		siliceous-micaceous layers; locally contains abundant f.g.	56	145.43	146.40	0.97	
		disseminated Py/Po; banding @ 45-70° TCA	57	146.40	147.90	1.50	
		130.3-130.6 m: Fault: contains amorphous graphite	58	147.90	150.90	3.00	
		137.05-138.00 m:Fault: contains amorphous graphite	59	150.90	152.70	1.80	
		145.43-146.40 m: Fault: strong shearing @ top & bottom; contains					
		c.g. muscovite & chlorite as well as c.g. disseminated Py					
		E.O.H. @ 152.7 m (501 feet)					

Appendix 4

Drill Assay Ledgers

Noram Ventures Inc.

Kokanee Property Diamond Drilling

Graphite Grades for Hole KD12-001

Hole_ID	Sample_ID	From_m	To_m	Width_m	Graphite_pct	Graphite at 0.5% Cut-Off	Graphite at 1.0% Cut-Off	Graphite at 1.5% Cut-Off
KD12-001	2107451	0.80	1.80	1.00	0.03			
KD12-001	2107452	1.80	4.90	3.10	0.04			
KD12-001	2107453	4.90	5.75	0.85	0.13			
KD12-001	2107454	5.75	7.90	2.15	1.40	1.0% / 11.35m	2.17% / 5.25m	
KD12-001	2107455	7.90	11.00	3.10	1.04			
KD12-001	2107456	11.00	14.00	3.00	0.90			
KD12-001	2107457	14.00	17.10	3.10	0.79			
KD12-001	2107458	17.10	18.45	1.35	0.04			
KD12-001	2107459	18.45	19.27	0.82	0.01			
KD12-001	2107460	19.27	20.10	0.83	0.01			
KD12-001	2107461	20.10	23.20	3.10	0.01			
KD12-001	2107462	23.20	26.20	3.00	0.74	0.73% / 9.1m		
KD12-001	2107463	26.20	29.30	3.10	0.76			
KD12-001	2107464	29.30	30.46	1.16	0.83			
KD12-001	2107465	30.46	31.13	0.67	0.79			
KD12-001	2107466	31.13	32.30	1.17	0.50			
KD12-001	2107467	32.30	35.40	3.10	0.44			
KD12-001	2107468	35.40	38.40	3.00	0.22			
KD12-001	2107469	38.40	41.50	3.10	0.07			
KD12-001	2107470	41.50	44.50	3.00	0.27			
KD12-001	2107471	44.50	47.60	3.10	0.40			
KD12-001	2107472	47.60	50.60	3.00	0.32			
KD12-001	2107473	50.60	53.70	3.10	0.49			
KD12-001	2107474	53.70	56.70	3.00	0.71			
KD12-001	2107475	56.70	59.80	3.10	1.32		2.36% / 8.16m	
KD12-001	2107476	59.80	62.80	3.00	2.38			3.0% / 5.06m
KD12-001	2107477	62.80	64.86	2.06	3.91			
KD12-001	2107478	64.86	66.80	1.94	0.25			
KD12-001	2107479	66.80	68.90	2.10	0.87			
KD12-001	2107480	68.90	69.63	0.73	0.24			
KD12-001	2107481	69.63	72.00	2.37	0.85			
KD12-001	2107482	72.00	75.00	3.00	0.75			
KD12-001	2107483	75.00	78.00	3.00	0.83			
KD12-001	2107484	78.00	81.10	3.10	1.44			
KD12-001	2107485	81.10	84.10	3.00	1.44			
KD12-001	2107486	84.10	87.20	3.10	1.75			
KD12-001	2107487	87.20	90.20	3.00	1.33			
KD12-001	2107488	90.20	93.30	3.10	2.31			
KD12-001	2107489	93.30	96.30	3.00	1.77			

Noram Ventures Inc.

Kokanee Property Diamond Drilling

Graphite Grades for Hole KD12-001

Hole_ID	Sample_ID	From_m	To_m	Width_m	Graphite_pct	Graphite at 0.5% Cut-Off	Graphite at 1.0% Cut-Off	Graphite at 1.5% Cut-Off
KD12-001	2107490	96.30	99.00	2.70	2.12	1.26% / 137.2m (true width)	1.53% / 70.2m (true width)	1.75% / 27.5m (tr
KD12-001	2107491	99.00	102.00	3.00	0.02			
KD12-001	2107492	102.00	102.90	0.90	0.01			
KD12-001	2107493	102.90	105.50	2.60	2.42			
KD12-001	2107494	105.50	108.50	3.00	3.00			
KD12-001	2107495	108.50	111.60	3.10	1.63			
KD12-001	2107496	111.60	114.60	3.00	1.40			
KD12-001	2107497	114.60	117.70	3.10	1.28			
KD12-001	2107498	117.70	120.70	3.00	1.08			
KD12-001	2107499	120.70	123.80	3.10	1.06			
KD12-001	2107500	123.80	126.80	3.00	1.14			
KD12-001	2107501	126.80	127.45	0.65	0.24			
KD12-001	2107502	127.45	129.90	2.45	1.06			
KD12-001	2107503	129.90	132.90	3.00	1.14			
KD12-001	2107504	132.90	136.00	3.10	2.01			2.90% / 5.4m
KD12-001	2107505	136.00	138.30	2.30	4.11			
KD12-001	2107506	138.30	139.00	0.70	1.15			
KD12-001	2107507	139.00	142.10	3.10	1.18			
KD12-001	2107508	142.10	145.10	3.00	0.97			
KD12-001	2107509	145.10	148.20	3.10	1.07			
KD12-001	2107510	148.20	151.20	3.00	0.68			
KD12-001	2107511	151.20	154.30	3.10	0.43			
KD12-001	2107512	154.30	157.30	3.00	0.76			
KD12-001	2107513	157.30	160.40	3.10	0.87			
KD12-001	2107514	160.40	163.40	3.00	0.93			
KD12-001	2107515	163.40	166.50	3.10	0.89			
KD12-001	2107516	166.50	169.50	3.00	0.74			
KD12-001	2107517	169.50	172.40	2.90	0.84			
KD12-001	2107518	172.40	173.60	1.20	0.04			
KD12-001	2107519	173.60	175.60	2.00	0.52			
KD12-001	2107520	175.60	178.70	3.10	1.35		1.28% / 9.2m	
KD12-001	2107521	178.70	181.70	3.00	1.14			
KD12-001	2107522	181.70	184.80	3.10	1.34			
KD12-001	2107523	184.80	186.44	1.64	0.29			
KD12-001	2107524	186.44	187.80	1.36	0.41			
KD12-001	2107525	187.80	190.90	3.10	0.83			
KD12-001	2107526	190.90	193.90	3.00	0.04			
KD12-001	2107527	193.90	195.17	1.27	0.01			
KD12-001	2107528	195.17	197.00	1.83	0.01			

Noram Ventures Inc.

Kokanee Property Diamond Drilling

Graphite Grades for Hole KD12-001

Hole_ID	Sample_ID	From_m	To_m	Width_m	Graphite_pct	Graphite at 0.5% Cut-Off	Graphite at 1.0% Cut-Off	Graphite at 1.5% Cut-Off
KD12-001	2107529	197.00	197.70	0.70	0.01			
KD12-001	2107530	197.70	200.00	2.30	0.01			
KD12-001	2107531	200.00	201.50	1.50	0.04			
KD12-001	2107532	201.50	203.00	1.50	0.07			
KD12-001	2107533	203.00	204.28	1.28	0.05			
KD12-001	2107534	204.28	205.00	0.72	0.06			
KD12-001	2107535	205.00	206.10	1.10	0.42			
KD12-001	2107536	206.10	207.60	1.50	0.42			
KD12-001	2107537	207.60	209.25	1.65	0.37			
KD12-001	2107538	209.25	211.38	2.13	0.09			
KD12-001	2107539	211.38	212.20	0.82	0.06			
KD12-001	2107540	212.20	215.20	3.00	0.01			
KD12-001	2107541	215.20	218.30	3.10	0.12			
KD12-001	2107542	218.30	221.30	3.00	0.06			
KD12-001	2107543	221.30	224.40	3.10	0.21			
KD12-001	2107544	224.40	227.40	3.00	0.01			
KD12-001	2107545	227.40	230.50	3.10	0.06			
KD12-001	2107546	230.50	233.50	3.00	0.12			
KD12-001	2107547	233.50	236.60	3.10	0.20			
KD12-001	2107548	236.60	239.60	3.00	0.02			
KD12-001	2107549	239.60	242.70	3.10	0.01			
KD12-001	2107550	242.70	245.70	3.00	0.01			
KD12-001	2107551	245.70	248.80	3.10	0.01			
KD12-001	2107552	248.80	251.80	3.00	0.01			
KD12-001	2107553	251.80	254.60	2.80	0.01			

Colour Key:

- 0.5-0.999% Graphite
- 1-1.499% Graphite
- 1.5-2.999% Graphite
- ≥ 3% Graphite

Note: True width factor = 0.9929 All widths listed are true widths

Noram Ventures Inc.

Kokanee Property Diamond Drilling

Graphite Grades for Hole KD12-002

Hole_ID	Sample_ID	From_m	To_m	Width_m	Graphite_pct	Graphite at 0.5% Cut-Off	Graphite at 1.0% Cut-Off	Graphite at 1.5% Cut-Off
KD12-002	2107555	38.10	41.20	3.10	0.39			
KD12-002	2107556	41.20	44.20	3.00	0.05			
KD12-002	2107557	44.20	47.30	3.10	0.61			
KD12-002	2107558	47.30	50.30	3.00	0.07			
KD12-002	2107559	50.30	53.40	3.10	0.18			
KD12-002	2107560	53.40	56.40	3.00	0.27			
KD12-002	2107561	56.40	59.50	3.10	0.60			
KD12-002	2107562	59.50	62.50	3.00	0.68			
KD12-002	2107563	62.50	65.50	3.00	0.72			
KD12-002	2107564	65.50	68.60	3.10	1.45			
KD12-002	2107565	68.60	71.60	3.00	1.52			
KD12-002	2107566	71.60	74.70	3.10	0.84			
KD12-002	2107567	74.70	77.70	3.00	1.00			
KD12-002	2107568	77.70	80.80	3.10	0.96			
KD12-002	2107569	80.80	83.80	3.00	0.86			
KD12-002	2107570	83.80	85.65	1.85	0.86			
KD12-002	2107571	85.65	86.30	0.65	0.74			
KD12-002	2107572	86.30	88.36	2.06	0.87			
KD12-002	2107573	88.36	89.10	0.74	3.39			
KD12-002	2107574	89.10	89.90	0.80	1.33			
KD12-002	2107575	89.90	93.00	3.10	1.33			
KD12-002	2107576	93.00	96.00	3.00	1.39			
KD12-002	2107577	96.00	99.10	3.10	1.45			
KD12-002	2107578	99.10	102.10	3.00	1.58			
KD12-002	2107579	102.10	105.20	3.10	1.59			
KD12-002	2107580	105.20	108.20	3.00	1.47			
KD12-002	2107581	108.20	108.90	0.70	1.96			
KD12-002	2107582	108.90	110.00	1.10	0.18			
KD12-002	2107583	110.00	111.30	1.30	3.19			
KD12-002	2107584	111.30	114.30	3.00	2.27			
KD12-002	2107585	114.30	117.40	3.10	2.24			
KD12-002	2107586	117.40	118.75	1.35	1.41			
KD12-002	2107587	118.75	120.40	1.65	2.06			
KD12-002	2107588	120.40	123.50	3.10	1.69			
KD12-002	2107589	123.50	126.50	3.00	1.70			
KD12-002	2107590	126.50	129.60	3.10	1.03			
KD12-002	2107591	129.60	132.60	3.00	0.82			
KD12-002	2107592	132.60	135.70	3.10	0.60			
KD12-002	2107593	135.70	138.70	3.00	1.07			

2% / 137.2m (111.95m true width)

1.61% / 65.64m (53.56m true width)

1.80% / 27.40m (22.36m true width)

Noram Ventures Inc.

Kokanee Property Diamond Drilling

Graphite Grades for Hole KD12-002

Hole_ID	Sample_ID	From_m	To_m	Width_m	Graphite_pct	Graphite at 0.5% Cut-Off	Graphite at 1.0% Cut-Off	Graphite at 1.5% Cut-Off
KD12-002	2107594	138.70	141.80	3.10	1.18	1.2		
KD12-002	2107595	141.80	143.05	1.25	1.96			2.13% / 12.2m (9.95m true width)
KD12-002	2107596	143.05	144.80	1.75	2.99			
KD12-002	2107597	144.80	146.75	1.95	3.53			
KD12-002	2107598	146.75	147.90	1.15	1.26			
KD12-002	2107599	147.90	150.27	2.37	0.81			
KD12-002	2107600	150.27	153.13	2.86	2.35			
KD12-002	2107601	153.13	154.00	0.87	1.55			
KD12-002	2107602	154.00	156.40	2.40	0.82			
KD12-002	2107603	156.40	158.30	1.90	0.30			
KD12-002	2107604	158.30	160.10	1.80	0.56			
KD12-002	2107605	160.10	161.25	1.15	0.51			
KD12-002	2107606	161.25	163.14	1.89	0.77			
KD12-002	2107607	163.14	166.20	3.06	0.84			
KD12-002	2107608	166.20	169.20	3.00	0.62			
KD12-002	2107609	169.20	172.30	3.10	0.99			
KD12-002	2107610	172.30	175.30	3.00	0.75			
KD12-002	2107611	175.30	178.40	3.10	0.58			
KD12-002	2107612	178.40	181.40	3.00	1.53			
KD12-002	2107613	181.40	184.50	3.10	1.13			
KD12-002	2107614	184.50	187.50	3.00	0.51			
KD12-002	2107615	187.50	190.50	3.00	1.00			
KD12-002	2107616	190.50	193.60	3.10	0.66			
KD12-002	2107617	193.60	196.60	3.00	0.30			
KD12-002	2107618	196.60	199.70	3.10	0.00			

Colour Key:

- 0.5-0.999% Graphite
- 1-1.499% Graphite
- 1.5-2.999% Graphite
- ≥ 3% Graphite

Note: True width factor = 0.8160

Noram Ventures Inc.

Kokanee Property Diamond Drilling

Graphite Grades for Hole KD12-003

Hole_ID	Sample_ID	From_m	To_m	Sample_Width_m	Graphite_pct	Graphite at 0.5% Cut-Off	Graphite at 1.0% Cut-Off	Graphite at 1.5% Cut-Off
KD12-003	2107619	7.80	10.70	2.90	0.84	1.15% / 120.4m (96.13m true width)		
KD12-003	2107620	10.70	13.70	3.00	0.90			
KD12-003	2107621	13.70	16.80	3.10	0.92			
KD12-003	2107622	16.80	18.90	2.10	0.68			
KD12-003	2107623	18.90	19.80	0.90	0.65			
KD12-003	2107624	19.80	22.90	3.10	0.69			
KD12-003	2107625	22.90	25.90	3.00	1.09		1.52% / 17.2m (13.73m true width)	
KD12-003	2107626	25.90	29.00	3.10	1.51			1.72% / 9.2m
KD12-003	2107627	29.00	32.00	3.00	1.56			
KD12-003	2107628	32.00	35.10	3.10	2.09			
KD12-003	2107629	35.10	38.10	3.00	1.43			
KD12-003	2107630	38.10	40.10	2.00	1.40			
KD12-003	2107631	40.10	41.20	1.10	0.05			
KD12-003	2107632	41.20	44.20	3.00	0.04			
KD12-003	2107633	44.20	45.37	1.17	0.06			
KD12-003	2107634	45.37	47.90	2.53	2.25			
KD12-003	2107635	47.90	50.30	2.40	0.10			
KD12-003	2107636	50.30	52.10	1.80	0.03			
KD12-003	2107637	52.10	53.40	1.30	1.34		1.86% / 32.9m (26.27m true width)	
KD12-003	2107638	53.40	56.40	3.00	1.68			
KD12-003	2107639	56.40	58.33	1.93	1.49			
KD12-003	2107640	58.33	59.50	1.17	1.23			
KD12-003	2107641	59.50	62.20	2.70	1.54			1.96% / 25.5m (20.36m true width)
KD12-003	2107642	62.20	64.50	2.30	1.52			
KD12-003	2107643	64.50	65.50	1.00	0.86			
KD12-003	2107644	65.50	68.60	3.10	0.98			
KD12-003	2107645	68.60	71.60	3.00	1.79			
KD12-003	2107646	71.60	74.70	3.10	1.54			
KD12-003	2107647	74.70	77.70	3.00	2.16			
KD12-003	2107648	77.70	80.80	3.10	2.72			
KD12-003	2107649	80.80	83.80	3.00	2.95			
KD12-003	2107650	83.80	85.00	1.20	3.75			
KD12-003	2107651	85.00	86.90	1.90	0.77			
KD12-003	2107652	86.90	89.90	3.00	0.99			
KD12-003	2107653	89.90	90.10	0.20	0.85			
KD12-003	2107654	90.10	93.76	3.66	2.19			
KD12-003	2107655	93.76	96.00	2.24	0.52			
KD12-003	2107656	96.00	99.10	3.10	0.30			
KD12-003	2107657	99.10	102.10	3.00	0.84			
KD12-003	2107658	102.10	105.20	3.10	0.60			
KD12-003	2107659	105.20	106.45	1.25	0.23			
KD12-003	2107660	106.45	108.20	1.75	0.01			

Noram Ventures Inc.

Kokanee Property Diamond Drilling

Graphite Grades for Hole KD12-003

Hole_ID	Sample_ID	From_m	To_m	Sample_Width_m	Graphite_pct	Graphite at 0.5% Cut-Off	Graphite at 1.0% Cut-Off	Graphite at 1.5% Cut-Off
KD12-003	2107661	108.20	110.45	2.25	0.02			
KD12-003	2107662	110.45	111.30	0.85	0.73			
KD12-003	2107663	111.30	114.30	3.00	0.67			
KD12-003	2107664	114.30	116.25	1.95	0.69			
KD12-003	2107665	116.25	117.40	1.15	1.33			
KD12-003	2107666	117.40	120.40	3.00	1.06			
KD12-003	2107667	120.40	123.50	3.10	0.69			
KD12-003	2107668	123.50	126.50	3.00	0.54			
KD12-003	2107669	126.50	128.20	1.70	0.60			
KD12-003	2107670	128.20	129.60	1.40	0.02			
KD12-003	2107671	129.60	132.60	3.00	0.03			
KD12-003	2107672	132.60	135.70	3.10	0.03			
KD12-003	2107673	135.70	138.70	3.00	0.04			
KD12-003	2107674	138.70	141.00	2.30	0.05			
KD12-003	2107675	141.00	142.90	1.90	0.25			

Colour Key:

- 0.5-0.999% Graphite
- 1-1.499% Graphite
- 1.5-2.999% Graphite
- ≥ 3% Graphite

Note: True width factor = 0.7984

Noram Ventures Inc.

Kokanee Property Diamond Drilling

Graphite Grades for Hole KD12-004

Hole_ID	Sample_ID	From_m	To_m	Width_m	Graphite_pct	Graphite at 0.5% Cut-Off	Graphite at 1.0% Cut-Off	Graphite at 1.5% Cut-Off
KD12-004	2107676	35.40	38.40	3.00	1.01	0.91% / 30.5m (true width 27.09m	1.32% / 12.2m	
KD12-004	2107677	38.40	41.50	3.10	1.36			
KD12-004	2107678	41.50	44.50	3.00	1.48			
KD12-004	2107679	44.50	47.60	3.10	1.43			
KD12-004	2107680	47.60	50.60	3.00	0.82			
KD12-004	2107681	50.60	53.70	3.10	0.69			
KD12-004	2107682	53.70	55.58	1.88	0.74			
KD12-004	2107683	55.58	56.18	0.60	0.03			
KD12-004	2107684	56.18	56.70	0.52	0.61			
KD12-004	2107685	56.70	59.80	3.10	0.77			
KD12-004	2107686	59.80	62.80	3.00	0.28			
KD12-004	2107687	62.80	65.90	3.10	0.70			
KD12-004	2107688	65.90	68.90	3.00	0.36			
KD12-004	2107689	68.90	72.00	3.10	0.36			
KD12-004	2107690	72.00	72.33	0.33	0.53			
KD12-004	2107691	72.33	73.50	1.17	0.10			
KD12-004	2107692	73.50	75.00	1.50	0.10			
KD12-004	2107693	75.00	78.00	3.00	0.04			
KD12-004	2107694	78.00	81.10	3.10	0.15			
KD12-004	2107695	81.10	84.10	3.00	0.38			
KD12-004	2107696	84.10	87.20	3.10	0.74			
KD12-004	2107697	87.20	90.20	3.00	0.75			
KD12-004	2107698	90.20	93.30	3.10	0.88			
KD12-004	2107699	93.30	96.30	3.00	0.81			
KD12-004	2107700	96.30	99.40	3.10	2.63			
KD12-004	2107701	99.40	102.40	3.00	3.16			
KD12-004	2107702	102.40	105.50	3.10	2.27			
KD12-004	2107703	105.50	108.50	3.00	2.01			
KD12-004	2107704	108.50	111.60	3.10	1.55			
KD12-004	2107705	111.60	114.60	3.00	1.70			
KD12-004	2107706	114.60	117.70	3.10	1.93			
KD12-004	2107707	117.70	120.70	3.00	1.62			
KD12-004	2107708	120.70	122.85	2.15	1.15			
KD12-004	2107709	122.85	123.05	0.20	0.96			
KD12-004	2107710	123.05	123.80	0.75	1.07			
KD12-004	2107711	123.80	126.80	3.00	2.07			
KD12-004	2107712	126.80	128.05	1.25	2.18	.95m)	% / 48.8m (true width 43.35m)	8% / 45.8m (true width 40.68m)
KD12-004	2107713	128.05	129.90	1.85	1.55			

Noram Ventures Inc.

Kokanee Property Diamond Drilling

Graphite Grades for Hole KD12-004

Hole_ID	Sample_ID	From_m	To_m	Width_m	Graphite_pct	Graphite at 0.5% Cut-Off	Graphite at 1.0% Cut-Off	Graphite at 1.5% Cut-Off
KD12-004	2107714	129.90	132.90	3.00	2.24	1.35% / 115.9m (true width 102	2.02	2.0
KD12-004	2107715	132.90	136.00	3.10	1.86			
KD12-004	2107716	136.00	138.00	2.00	2.83			
KD12-004	2107717	138.00	139.00	1.00	2.77			
KD12-004	2107718	139.00	142.10	3.10	2.53			
KD12-004	2107719	142.10	145.10	3.00	1.01			
KD12-004	2107720	145.10	146.20	1.10	0.30			
KD12-004	2107721	146.20	148.20	2.00	0.70			
KD12-004	2107722	148.20	151.20	3.00	0.47			
KD12-004	2107723	151.20	154.30	3.10	0.50			
KD12-004	2107724	154.30	157.30	3.00	0.64			
KD12-004	2107725	157.30	160.40	3.10	1.07			
KD12-004	2107726	160.40	163.40	3.00	0.99			
KD12-004	2107727	163.40	166.50	3.10	0.58			
KD12-004	2107728	166.50	169.50	3.00	0.43			
KD12-004	2107729	169.50	172.60	3.10	0.66			
KD12-004	2107730	172.60	175.60	3.00	0.92			
KD12-004	2107731	175.60	178.70	3.10	1.08		1.25% / 18.3m (true width 16.26m)	
KD12-004	2107732	178.70	181.70	3.00	1.85			1.72% / 6.1m
KD12-004	2107733	181.70	184.80	3.10	1.59			
KD12-004	2107734	184.80	187.80	3.00	0.93			
KD12-004	2107735	187.80	190.90	3.10	1.01			
KD12-004	2107736	190.90	193.90	3.00	1.03			
KD12-004	2107737	193.90	197.00	3.10	0.55			
KD12-004	2107738	197.00	200.00	3.00	0.79			

Colour Key:

- 0.5-0.999% Graphite
- 1-1.499% Graphite
- 1.5-2.999% Graphite
- ≥ 3% Graphite

Note: True width factor = 0.8883

Noram Ventures Inc.

Kokanee Property Diamond Drilling

Graphite Grades for Hole KD12-005

Hole_ID	Sample_ID	From_m	To_m	Width_m	Graphite_pct	Graphite at 0.5% Cut-Off	Graphite at 1.0% Cut-Off	Graphite at 1.5% Cut-Off
KD12-005	2107739	77.70	80.80	3.10	0.45			
KD12-005	2107740	80.80	83.80	3.00	0.35			
KD12-005	2107741	83.80	86.90	3.10	0.58	1.39% / 88.5m (true width 75.14m)		
KD12-005	2107742	86.90	89.90	3.00	0.51			
KD12-005	2107743	89.90	93.00	3.10	0.68			
KD12-005	2107744	93.00	96.00	3.00	0.86			
KD12-005	2107745	96.00	99.10	3.10	0.72			
KD12-005	2107746	99.10	102.10	3.00	0.97			
KD12-005	2107747	102.10	105.20	3.10	0.60			
KD12-005	2107748	105.20	108.20	3.00	1.87		1.77% / 64.0m (true width 54.34m)	2.07% / 12.2m
KD12-005	2107749	108.20	111.30	3.10	2.06			
KD12-005	2107750	111.30	114.30	3.00	1.12			
KD12-005	2107751	114.30	117.40	3.10	3.21			
KD12-005	2107752	117.40	120.40	3.00	1.18			
KD12-005	2107753	120.40	123.50	3.10	1.42			
KD12-005	2107754	123.50	126.50	3.00	1.01			
KD12-005	2107755	126.50	129.60	3.10	0.55			
KD12-005	2107756	129.60	132.60	3.00	0.58			
KD12-005	2107757	132.60	135.70	3.10	1.17			
KD12-005	2107758	135.70	138.70	3.00	1.69			1.87% / 33.5m (true width 28.44m)
KD12-005	2107759	138.70	141.80	3.10	1.26			
KD12-005	2107760	141.80	144.80	3.00	1.27			
KD12-005	2107761	144.80	147.90	3.10	2.05			
KD12-005	2107762	147.90	150.90	3.00	2.28			
KD12-005	2107763	150.90	154.00	3.10	1.92			
KD12-005	2107764	154.00	157.00	3.00	1.06			
KD12-005	2107765	157.00	160.10	3.10	2.15			
KD12-005	2107766	160.10	163.10	3.00	1.83			
KD12-005	2107767	163.10	166.20	3.10	3.11			
KD12-005	2107768	166.20	169.20	3.00	1.91			
KD12-005	2107769	169.20	172.30	3.10	0.62			
KD12-005	2107770	172.30	175.30	3.00	0.37			
KD12-005	2107771	175.30	178.40	3.10	0.19			
KD12-005	2107772	178.40	181.40	3.00	0.29			
KD12-005	2107773	181.40	184.50	3.10	0.54			
KD12-005	2107774	184.50	187.50	3.00	0.45			

Colour Key:

- 0.5-0.999% Graphite
- 1-1.499% Graphite
- 1.5-2.999% Graphite
- ≥ 3% Graphite

Note: True width factor = 0.8491

Noram Ventures Inc.

Kokanee Property Diamond Drilling

Graphite Grades for Hole KD12-006a

Hole_ID	Sample_ID	From_m	To_m	Sample_Width_m	Graphite_pct	Graphite at 0.5% Cut-Off	Graphite at 1.0% Cut-Off	Graphite at 1.5% Cut-Off
KD12-006a	2107775	47.30	50.30	3.00	1.07	0.71% / 12.2m		
KD12-006a	2107776	50.30	53.40	3.10	0.49			
KD12-006a	2107777	53.40	56.40	3.00	0.74			
KD12-006a	2107778	56.40	59.50	3.10	0.54			
KD12-006a	2107779	59.50	62.00	2.50	0.01			
KD12-006a	2107780	62.00	63.00	1.00	0.01			
KD12-006a	2107781	63.00	64.04	1.04	0.01			
KD12-006a	2107782	64.04	64.76	0.72	0.01			
KD12-006a	2107783	64.76	65.50	0.74	0.01			
KD12-006a	2107785	65.50	68.60	3.10	0.01			
KD12-006a	2107786	68.60	71.60	3.00	0.01			
KD12-006a	2107787	71.60	74.70	3.10	0.01			
KD12-006a	2107788	74.70	77.70	3.00	0.01			
KD12-006a	2107789	77.70	80.80	3.10	0.01			
KD12-006a	2107790	80.80	83.80	3.00	0.01			
KD12-006a	2107791	83.80	85.90	2.10	0.01			
KD12-006a	2107792	85.90	86.90	1.00	0.37			
KD12-006a	2107793	86.90	88.50	1.60	2.24	1.10% / 65.8m (true width 59.36m)		
KD12-006a	2107794	88.50	89.90	1.40	0.86			
KD12-006a	2107795	89.90	93.00	3.10	0.72			
KD12-006a	2107796	93.00	96.00	3.00	0.68			
KD12-006a	2107797	96.00	99.10	3.10	1.02			
KD12-006a	2107798	99.10	102.10	3.00	0.87			
KD12-006a	2107799	102.10	105.20	3.10	0.56			
KD12-006a	2107800	105.20	108.20	3.00	0.36			
KD12-006a	2107801	108.20	111.30	3.10	0.37			
KD12-006a	2107802	111.30	114.30	3.00	0.43			
KD12-006a	2107803	114.30	117.40	3.10	0.42			
KD12-006a	2107804	117.40	120.40	3.00	0.74			
KD12-006a	2107805	120.40	123.50	3.10	0.79			
KD12-006a	2107806	123.50	126.50	3.00	0.97			
KD12-006a	2107807	126.50	129.60	3.10	0.95			
KD12-006a	2107808	129.60	132.60	3.00	2.53		75% / 23.1m (truie width 59.36m)	2.01% / 9.1m (true width 8.21m)
KD12-006a	2107809	132.60	135.70	3.10	1.13			
KD12-006a	2107810	135.70	137.05	1.35	1.85			
KD12-006a	2107811	137.05	138.00	0.95	2.48			
KD12-006a	2107812	138.00	138.70	0.70	3.40			
KD12-006a	2107813	138.70	141.80	3.10	1.35			
KD12-006a	2107814	141.80	144.80	3.00	1.49			
KD12-006a	2107815	144.80	145.43	0.63	4.37			.69% / 7.9m (true width 7.13m)
KD12-006a	2107816	145.43	146.40	0.97	1.54			
KD12-006a	2107817	146.40	147.90	1.50	1.35			
KD12-006a	2107818	147.90	150.90	3.00	1.25			

Noram Ventures Inc.

Kokanee Property Diamond Drilling

Graphite Grades for Hole KD12-006a

Hole_ID	Sample_ID	From_m	To_m	Sample_Width_m	Graphite_pct	Graphite at 0.5% Cut-Off	Graphite at 1.0% Cut-Off	Graphite at 1.5% Cut-Off
KD12-006a	2107819	150.90	152.70	1.80	1.87		1.	1

Colour Key:

- 0.5-0.999% Graphite
- 1-1.499% Graphite
- 1.5-2.999% Graphite
- ≥ 3% Graphite

Note: True width factor = 0.9021

Appendix 5

Assay Certificates

Noram Ventures Inc.

Kokanee Graphite Property

Analyses from Surface Rock Samples

Sample_ID	Wgt_Kg	Graphite_pct	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppm	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	Au_ppm	Th_ppm	Sr_ppm	Cd_ppm	Sb_ppm	Bi_ppm	V_ppm	Ca_pct
55269	2.07	3.07	21.2	328.9	18.1	68	1.5	67.3	10.3	921	11.14	0.25	1.6	1.7	49	0.4	0.05	0.7	103	1
55270	2.07	1.16																		
55271	2.02	2.33																		
55272	0.99	0.09	1.9	2678.1	10000	10000	100	3.8	24.2	455	19.02	645.5	12.3	0.3	1	269.6	201.6	1.4	4	0.04
55273	1.8	1.57																		
55274	2.76	0.99																		
55275	3.31	2.67																		
55276	1.84	1.94																		
55277	3.56	2.75	32.8	441.9	14.9	349	2.6	260.3	15.3	364	10.13	0.25	1	2	28	3.9	0.05	1.9	145	0.99
55278	1.87	1.85	10.6	187.3	16.7	93	0.2	68.8	23.4	2068	7.13	0.25	1.9	11.9	124	0.4	0.05	0.2	231	1.79
55279	3.04	2.1	15.5	301.3	9.1	394	1.6	149.6	12.3	521	7.43	0.25	1.5	1.4	175	4.5	0.05	1	46	2.98
55280	2.54	2.32	24.4	517.6	41.5	408	1	218.9	11.2	765	12.05	0.25	0.5	3.3	18	4.6	0.05	0.8	166	0.98
55281	1.71	1.46	7.8	217.4	8.4	274	1.9	119.7	9.9	2247	7.87	5.5	5	2.3	157	3	0.05	0.4	94	1.65
55282	2.38	2.49	26.4	382.2	18.7	432	2.4	227.5	18.2	981	10.63	0.7	9.9	3.3	29	5.4	0.05	3.3	264	1.08
55283	2.11	0.76																		
55284	2.09	0.77																		
55285	2.38	5.98																		
55286	2.12	2.93																		
55287	2.42	1.24																		
55288	2.14	5.5																		
55289	1.69	2.3	18.3	254.1	9.9	271	2.1	161.5	11.9	483	8.96	0.25	9.2	3	38	2.3	0.05	0.8	141	0.84
55290	2.32	1.71																		
55291	2.49	1.28																		
55292	1.9	0.72																		
55293	1.9	0.78																		
55294	2.11	0.83																		

Colour Codes (percent graphite):

	≥ 3
	1.5 - 2.99
	1.0 - 1.49
	0.5 - 0.99

Noram Ventures Inc.

Kokanee Graphite Property

Analyses from Surface Rock Samples

Sample_ID	P_pct	La_ppm	Cr_ppm	Mg	Ba_ppm	Ti	B_ppm	Al_pct	Na_pct	K_pct	W_ppm	Hg_ppm	Sc_ppm	Tl_ppm	S_pct	Ga_ppm	Se_ppm	Te_ppm
55269	0.26	6	24	0.3	19	0.033	10	0.76	0.003	0.06	1.4	0.005	2.1	0.1	5.72	4	7.3	0.4
55270																		
55271																		
55272	0.005	0.5	2	0.04	7	0.003	10	0.08	0.0005	0.005	0.1	0.01	0.3	0.3	10	0.5	0.7	0.1
55273																		
55274																		
55275																		
55276																		
55277	0.297	8	38	0.11	22	0.026	10	0.64	0.008	0.03	0.9	0.005	1.1	0.05	8.73	3	24	0.3
55278	0.27	7	111	2.85	70	0.181	10	5.87	0.194	1.04	0.2	0.005	9.3	0.4	1.92	18	5.8	0.1
55279	0.285	6	19	0.13	27	0.036	10	1.54	0.124	0.04	0.5	0.005	0.7	0.1	5.14	4	9.6	0.2
55280	0.317	11	34	0.32	18	0.036	10	0.65	0.005	0.03	0.8	0.04	1.2	0.05	7.21	3	17.5	0.2
55281	0.596	13	29	0.14	22	0.035	10	0.41	0.003	0.01	0.3	0.01	0.9	0.1	4.68	1	13.1	0.4
55282	0.314	6	37	0.16	22	0.045	10	0.61	0.008	0.06	0.6	0.005	1.1	0.4	6.89	3	20.3	0.4
55283																		
55284																		
55285																		
55286																		
55287																		
55288																		
55289	0.276	8	33	0.19	36	0.041	10	1.07	0.028	0.06	0.6	0.005	1	0.2	6.11	4	16.8	0.3
55290																		
55291																		
55292																		
55293																		
55294																		

Colour Codes (

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
PHONE (604) 253-3158

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Client: **Noram Ventures Inc.**
430 - 580 Hornby Street
Vancouver BC V6C 3B6 CANADA

Submitted By: David Rees
Receiving Lab: Canada-Vancouver
Received: October 24, 2012
Report Date: December 04, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN12005089.1

CLIENT JOB INFORMATION

Project: Noram Kokanee
Shipment ID: KOKANEE 2012-001
P.O. Number
Number of Samples: 26

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	26	Crush, split and pulverize 250 g rock to 200 mesh			VAN
2A09	26	Ignite 600 Deg. C., HCl leach, residue by Leco	0.1	Completed	VAN
1DX1	26	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Noram Ventures Inc.
430 - 580 Hornby Street
Vancouver BC V6C 3B6
CANADA

CC: Chris Dyakowski
Gordon Allen

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Noram Ventures Inc.**
430 - 580 Hornby Street
Vancouver BC V6C 3B6 CANADA

Project: Noram Kokanee
Report Date: December 04, 2012

CERTIFICATE OF ANALYSIS VAN12005089.1

Method		WGHT	2A-C	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	C/GRA	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.02	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
G1	Prep Blank	<0.01	<0.02	<0.1	1.9	3.4	48	<0.1	3.6	4.2	566	1.78	<0.5	2.1	4.2	57	<0.1	<0.1	<0.1	33	0.38
G1	Prep Blank	<0.01	<0.02	<0.1	2.1	4.4	55	<0.1	4.0	4.4	572	1.97	<0.5	1.9	4.9	68	<0.1	<0.1	<0.1	36	0.48
55269	Rock	2.07	3.07	21.2	328.9	18.1	68	1.5	67.3	10.3	921	11.14	<0.5	1.6	1.7	49	0.4	<0.1	0.7	103	1.00
55270	Rock	2.07	1.16	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55271	Rock	2.02	2.33	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55272	Rock	0.99	0.09	1.9	2678	>10000	>10000	>100	3.8	24.2	455	19.02	645.5	12.3	0.3	1	269.6	201.6	1.4	4	0.04
55273	Rock	1.80	1.57	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55274	Rock	2.76	0.99	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55275	Rock	3.31	2.67	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55276	Rock	1.84	1.94	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55277	Rock	3.56	2.75	32.8	441.9	14.9	349	2.6	260.3	15.3	364	10.13	<0.5	1.0	2.0	28	3.9	<0.1	1.9	145	0.99
55278	Rock	1.87	1.85	10.6	187.3	16.7	93	0.2	68.8	23.4	2068	7.13	<0.5	1.9	11.9	124	0.4	<0.1	0.2	231	1.79
55279	Rock	3.04	2.10	15.5	301.3	9.1	394	1.6	149.6	12.3	521	7.43	<0.5	1.5	1.4	175	4.5	<0.1	1.0	46	2.98
55280	Rock	2.54	2.32	24.4	517.6	41.5	408	1.0	218.9	11.2	765	12.05	<0.5	0.5	3.3	18	4.6	<0.1	0.8	166	0.98
55281	Rock	1.71	1.46	7.8	217.4	8.4	274	1.9	119.7	9.9	2247	7.87	5.5	5.0	2.3	157	3.0	<0.1	0.4	94	1.65
55282	Rock	2.38	2.49	26.4	382.2	18.7	432	2.4	227.5	18.2	981	10.63	0.7	9.9	3.3	29	5.4	<0.1	3.3	264	1.08
55283	Rock	2.11	0.76	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55284	Rock	2.09	0.77	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55285	Rock	2.38	5.98	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55286	Rock	2.12	2.93	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55287	Rock	2.42	1.24	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55288	Rock	2.14	5.50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55289	Rock	1.69	2.30	18.3	254.1	9.9	271	2.1	161.5	11.9	483	8.96	<0.5	9.2	3.0	38	2.3	<0.1	0.8	141	0.84
55290	Rock	2.32	1.71	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55291	Rock	2.49	1.28	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55292	Rock	1.90	0.72	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55293	Rock	1.90	0.78	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55294	Rock	2.11	0.83	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Client: **Noram Ventures Inc.**
430 - 580 Hornby Street
Vancouver BC V6C 3B6 CANADA

Project: Noram Kokanee
Report Date: December 04, 2012

CERTIFICATE OF ANALYSIS VAN12005089.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
G1	Prep Blank	0.082	9	11	0.57	235	0.124	<20	0.91	0.066	0.46	<0.1	0.02	1.9	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.087	9	7	0.58	248	0.133	<20	0.95	0.072	0.48	<0.1	0.03	2.2	0.3	<0.05	5	<0.5	<0.2
55269	Rock	0.260	6	24	0.30	19	0.033	<20	0.76	0.003	0.06	1.4	<0.01	2.1	0.1	5.72	4	7.3	0.4
55270	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55271	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55272	Rock	0.005	<1	2	0.04	7	0.003	<20	0.08	<0.001	<0.01	0.1	0.01	0.3	0.3	>10	<1	0.7	<0.2
55273	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55274	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55275	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55276	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55277	Rock	0.297	8	38	0.11	22	0.026	<20	0.64	0.008	0.03	0.9	<0.01	1.1	<0.1	8.73	3	24.0	0.3
55278	Rock	0.270	7	111	2.85	70	0.181	<20	5.87	0.194	1.04	0.2	<0.01	9.3	0.4	1.92	18	5.8	<0.2
55279	Rock	0.285	6	19	0.13	27	0.036	<20	1.54	0.124	0.04	0.5	<0.01	0.7	0.1	5.14	4	9.6	0.2
55280	Rock	0.317	11	34	0.32	18	0.036	<20	0.65	0.005	0.03	0.8	0.04	1.2	<0.1	7.21	3	17.5	0.2
55281	Rock	0.596	13	29	0.14	22	0.035	<20	0.41	0.003	0.01	0.3	0.01	0.9	0.1	4.68	1	13.1	0.4
55282	Rock	0.314	6	37	0.16	22	0.045	<20	0.61	0.008	0.06	0.6	<0.01	1.1	0.4	6.89	3	20.3	0.4
55283	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55284	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55285	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55286	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55287	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55288	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55289	Rock	0.276	8	33	0.19	36	0.041	<20	1.07	0.028	0.06	0.6	<0.01	1.0	0.2	6.11	4	16.8	0.3
55290	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55291	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55292	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55293	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55294	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
PHONE (604) 253-3158

www.acmelab.com

Client: **Noram Ventures Inc.**
430 - 580 Hornby Street
Vancouver BC V6C 3B6 CANADA

Project: Noram Kokanee
Report Date: December 04, 2012

QUALITY CONTROL REPORT VAN12005089.1

	Method	WGHT	2A-C	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	C/GRA	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.02	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
55270	Rock	2.07	1.16	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 55270	QC		1.18																		
55278	Rock	1.87	1.85	10.6	187.3	16.7	93	0.2	68.8	23.4	2068	7.13	<0.5	1.9	11.9	124	0.4	<0.1	0.2	231	1.79
REP 55278	QC			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55281	Rock	1.71	1.46	7.8	217.4	8.4	274	1.9	119.7	9.9	2247	7.87	5.5	5.0	2.3	157	3.0	<0.1	0.4	94	1.65
REP 55281	QC		1.55																		
Reference Materials																					
STD CSC	Standard		2.14																		
STD CSC	Standard		2.25																		
STD CSC	Standard		2.11																		
STD DS9	Standard			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
STD OREAS45EA	Standard			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
STD OREAS45EA Expected				1.78	709	14.3	30.6	0.311	357	52	400	22.65	11.4	53	10.7	4.05	0.03	0.64	0.26	295	0.032
STD DS9 Expected				12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD CSC Expected			2.05																		
BLK	Blank			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BLK	Blank		<0.02																		
BLK	Blank		<0.02																		
Prep Wash																					
G1	Prep Blank	<0.01	<0.02	<0.1	1.9	3.4	48	<0.1	3.6	4.2	566	1.78	<0.5	2.1	4.2	57	<0.1	<0.1	<0.1	33	0.38
G1	Prep Blank	<0.01	<0.02	<0.1	2.1	4.4	55	<0.1	4.0	4.4	572	1.97	<0.5	1.9	4.9	68	<0.1	<0.1	<0.1	36	0.48

Acme Analytical Laboratories (Vancouver) Ltd.
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PHONE (604) 253-3158

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Client: **Noram Ventures Inc.**
430 - 580 Hornby Street
Vancouver BC V6C 3B6 CANADA

Project: Noram Kokanee
Report Date: December 04, 2012

QUALITY CONTROL REPORT VAN12005089.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
55270	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 55270	QC																		
55278	Rock	0.270	7	111	2.85	70	0.181	<20	5.87	0.194	1.04	0.2	<0.01	9.3	0.4	1.92	18	5.8	<0.2
REP 55278	QC	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
55281	Rock	0.596	13	29	0.14	22	0.035	<20	0.41	0.003	0.01	0.3	0.01	0.9	0.1	4.68	1	13.1	0.4
REP 55281	QC																		
Reference Materials																			
STD CSC	Standard																		
STD CSC	Standard																		
STD CSC	Standard																		
STD DS9	Standard	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
STD OREAS45EA	Standard	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
STD OREAS45EA Expected		0.029	8.19	849	0.095	148	0.106		3.32	0.027	0.053		0.34	78	0.072	0.044	11.7	2.09	0.11
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
STD CSC Expected																			
BLK	Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BLK	Blank																		
BLK	Blank																		
Prep Wash																			
G1	Prep Blank	0.082	9	11	0.57	235	0.124	<20	0.91	0.066	0.46	<0.1	0.02	1.9	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.087	9	7	0.58	248	0.133	<20	0.95	0.072	0.48	<0.1	0.03	2.2	0.3	<0.05	5	<0.5	<0.2

Acme Analytical Laboratories (Vancouver) Ltd.
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PHONE (604) 253-3158

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Submitted By: Dave Rees
Receiving Lab: Canada-Vancouver
Received: November 16, 2012
Report Date: November 30, 2012
Page: 1 of 4

CERTIFICATE OF ANALYSIS VAN12005408.1

CLIENT JOB INFORMATION

Project: GRAPHITE
Shipment ID:
P.O. Number
Number of Samples: 65

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	65	Crush, split and pulverize 250 g rock to 200 mesh			VAN
2A09	65	Ignite 600 Deg. C., HCl leach, residue by Leco	0.1	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

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

ADDITIONAL COMMENTS

Invoice To: Noram Ventures Inc.
12835 Gilden Rd
Madeira Park BC V0N 2H1
Canada

CC: Chris Dyakowski
John Kerr

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
PHONE (604) 253-3158

www.acmelab.com

Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: November 30, 2012

CERTIFICATE OF ANALYSIS VAN12005408.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
G1	Prep Blank	<0.01	<0.02
G1	Prep Blank	<0.01	<0.02
2107555	Drill Core	8.97	0.39
2107556	Drill Core	9.57	0.05
2107557	Drill Core	10.40	0.61
2107558	Drill Core	9.07	0.07
2107559	Drill Core	8.63	0.18
2107560	Drill Core	9.14	0.27
2107561	Drill Core	9.13	0.60
2107562	Drill Core	8.91	0.68
2107563	Drill Core	8.99	0.72
2107564	Drill Core	9.52	1.45
2107565	Drill Core	8.63	1.52
2107566	Drill Core	8.78	0.84
2107567	Drill Core	8.42	1.00
2107568	Drill Core	8.44	0.96
2107569	Drill Core	8.98	0.86
2107570	Drill Core	5.11	0.86
2107571	Drill Core	1.55	0.74
2107572	Drill Core	5.66	0.87
2107573	Drill Core	2.41	3.39
2107574	Drill Core	1.83	1.33
2107575	Drill Core	8.90	1.33
2107576	Drill Core	8.91	1.39
2107577	Drill Core	9.23	1.45
2107578	Drill Core	8.92	1.58
2107579	Drill Core	9.44	1.59
2107580	Drill Core	6.00	1.47
2107581	Drill Core	5.05	1.96
2107582	Drill Core	3.33	0.18

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: November 30, 2012

CERTIFICATE OF ANALYSIS VAN12005408.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
2107583	Drill Core	3.39	3.19
2107584	Drill Core	8.27	2.27
2107585	Drill Core	8.55	2.24
2107586	Drill Core	2.36	1.41
2107587	Drill Core	6.38	2.06
2107588	Drill Core	9.17	1.69
2107589	Drill Core	9.17	1.70
2107590	Drill Core	9.48	1.03
2107591	Drill Core	8.98	0.82
2107592	Drill Core	9.08	0.60
2107593	Drill Core	9.34	1.07
2107594	Drill Core	9.22	1.18
2107595	Drill Core	3.57	1.96
2107596	Drill Core	6.00	2.99
2107597	Drill Core	5.30	3.53
2107598	Drill Core	2.96	1.26
2107599	Drill Core	5.40	0.81
2107600	Drill Core	5.79	2.35
2107601	Drill Core	4.05	1.55
2107602	Drill Core	7.36	0.82
2107603	Drill Core	5.71	0.30
2107604	Drill Core	5.42	0.56
2107605	Drill Core	3.41	0.51
2107606	Drill Core	5.19	0.77
2107607	Drill Core	8.29	0.84
2107608	Drill Core	9.18	0.62
2107609	Drill Core	8.89	0.99
2107610	Drill Core	8.47	0.75
2107611	Drill Core	8.82	0.58
2107612	Drill Core	9.57	1.53

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: November 30, 2012

CERTIFICATE OF ANALYSIS VAN12005408.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
2107613	Drill Core	8.92	1.13
2107614	Drill Core	9.29	0.51
2107615	Drill Core	8.98	1.00
2107616	Drill Core	9.06	0.66
2107617	Drill Core	8.29	0.30
2107618	Drill Core	8.90	<0.02
2107557	Drill Core	9.55	0.23

Acme Analytical Laboratories (Vancouver) Ltd.
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PHONE (604) 253-3158

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: November 30, 2012

QUALITY CONTROL REPORT VAN12005408.1

		Method	WGHT	2A-C
		Analyte	Wgt	C/GRA
		Unit	kg	%
		MDL	0.01	0.02
Pulp Duplicates				
2107569	Drill Core		8.98	0.86
REP 2107569	QC			0.80
2107604	Drill Core		5.42	0.56
REP 2107604	QC			0.56
Core Reject Duplicates				
2107582	Drill Core		3.33	0.18
DUP 2107582	QC		<0.01	0.21
2107616	Drill Core		9.06	0.66
DUP 2107616	QC		<0.01	0.66
Reference Materials				
STD CSC	Standard			2.08
STD CSC	Standard			1.91
STD CSC	Standard			2.04
STD CSC	Standard			2.07
STD CSC Expected				2.05
BLK	Blank			<0.02
BLK	Blank			<0.02
Prep Wash				
G1	Prep Blank		<0.01	<0.02
G1	Prep Blank		<0.01	<0.02

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Submitted By: Dave Rees
Receiving Lab: Canada-Vancouver
Received: November 06, 2012
Report Date: December 14, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS VAN12005410.1

CLIENT JOB INFORMATION

Project: GRAPHITE
Shipment ID:
P.O. Number
Number of Samples: 103

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	94	Crush, split and pulverize 250 g rock to 200 mesh			VAN
2A09	94	Ignite 600 Deg. C., HCl leach, residue by Leco	0.1	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

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

ADDITIONAL COMMENTS

Invoice To: Noram Ventures Inc.
12835 Gilden Rd
Madeira Park BC V0N 2H1
Canada

CC: Chris Dyakowski
John Kerr

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

Acme Analytical Laboratories (Vancouver) Ltd.
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PHONE (604) 253-3158

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: December 14, 2012

CERTIFICATE OF ANALYSIS VAN12005410.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
G1	Prep Blank	<0.01	<0.02
G1	Prep Blank	<0.01	<0.02
2107451	Drill Core	2.77	0.03
2107452	Drill Core	8.83	0.04
2107453	Drill Core	1.99	0.13
2107454	Drill Core	5.68	1.40
2107455	Drill Core	7.86	1.04
2107456	Drill Core	8.82	0.90
2107457	Drill Core	9.23	0.79
2107458	Drill Core	3.57	0.04
2107459	Drill Core	2.31	<0.02
2107460	Drill Core	3.11	<0.02
2107461	Drill Core	8.95	<0.02
2107462	Drill Core	9.43	0.74
2107463	Drill Core	9.41	0.76
2107464	Drill Core	3.69	0.83
2107465	Drill Core	5.56	0.79
2107466	Drill Core	9.52	0.50
2107467	Drill Core	4.12	0.44
2107468	Drill Core	4.99	0.22
2107469	Drill Core	9.69	0.07
2107470	Drill Core	9.34	0.27
2107471	Drill Core	9.05	0.40
2107472	Drill Core	9.15	0.32
2107473	Drill Core	9.43	0.49
2107474	Drill Core	8.74	0.71
2107475	Drill Core	8.70	1.32
2107476	Drill Core	9.48	2.38
2107477	Drill Core	6.27	3.91
2107478	Drill Core	5.51	0.25

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
PHONE (604) 253-3158

www.acmelab.com

Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: December 14, 2012

CERTIFICATE OF ANALYSIS VAN12005410.1

		Method	WGHT	2A-C
		Analyte	Wgt	C/GRA
		Unit	kg	%
		MDL	0.01	0.02
2107479	Drill Core		6.96	0.87
2107480	Drill Core		1.83	0.24
2107481	Drill Core		7.51	0.85
2107482	Drill Core		7.75	0.75
2107483	Drill Core		8.51	0.83
2107484	Drill Core		9.19	1.44
2107485	Drill Core		9.27	1.44
2107486	Drill Core		8.63	1.75
2107487	Drill Core		9.06	1.33
2107488	Drill Core		8.84	2.31
2107489	Drill Core		8.76	1.77
2107490	Drill Core		6.50	2.12
2107491	Drill Core		9.51	0.02
2107492	Drill Core		2.69	<0.02
2107493	Drill Core		7.51	2.42
2107494	Drill Core		9.09	3.00
2107495	Drill Core		8.96	1.63
2107496	Drill Core		8.80	1.40
2107497	Drill Core		9.15	1.28
2107498	Drill Core		9.52	1.08
2107499	Drill Core		9.06	1.06
2107500	Drill Core		8.87	1.14
2107501	Drill Core		1.60	0.24
2107502	Drill Core		7.15	1.06
2107503	Drill Core		8.17	1.14
2107504	Drill Core		8.78	2.01
2107505	Drill Core		6.15	4.11
2107506	Drill Core		2.53	1.15
2107507	Drill Core		8.64	1.18
2107508	Drill Core		7.97	0.97

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Client: **Noram Ventures Inc.**
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Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: December 14, 2012

CERTIFICATE OF ANALYSIS VAN12005410.1

		Method	WGHT	2A-C
		Analyte	Wgt	C/GRA
		Unit	kg	%
		MDL	0.01	0.02
2107509	Drill Core		8.84	1.07
2107510	Drill Core		9.14	0.68
2107511	Drill Core		8.75	0.43
2107512	Drill Core		8.00	0.76
2107513	Drill Core		10.52	0.87
2107514	Drill Core		8.73	0.93
2107515	Drill Core		9.27	0.89
2107516	Drill Core		8.85	0.74
2107517	Drill Core		8.29	0.84
2107518	Drill Core		3.21	0.04
2107519	Drill Core		6.83	0.52
2107520	Drill Core		9.28	1.35
2107521	Drill Core		9.05	1.14
2107522	Drill Core		9.33	1.34
2107523	Drill Core		4.86	0.29
2107524	Drill Core		4.33	0.41
2107525	Drill Core		8.91	0.83
2107526	Drill Core		9.33	0.04
2107527	Drill Core		4.00	<0.02
2107528	Drill Core		5.54	<0.02
2107529	Drill Core		1.88	<0.02
2107530	Drill Core		7.32	<0.02
2107531	Drill Core		5.63	0.04
2107532	Drill Core		4.17	0.07
2107533	Drill Core		3.16	0.05
2107534	Drill Core		2.47	0.06
2107535	Drill Core		3.05	0.42
2107536	Drill Core		4.29	0.42
2107537	Drill Core		4.88	0.37
2107538	Drill Core		6.37	0.09

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Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: December 14, 2012

CERTIFICATE OF ANALYSIS VAN12005410.1

Method		WGHT	2A-C
Analyte		Wgt	C/GRA
Unit		kg	%
MDL		0.01	0.02
2107539	Drill Core	2.09	0.06
2107540	Drill Core	9.01	<0.02
2107541	Drill Core	8.44	0.12
2107542	Drill Core	7.74	0.06
2107543	Drill Core	9.79	0.21
2107544	Drill Core	9.48	<0.02

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: December 14, 2012

QUALITY CONTROL REPORT VAN12005410.1

		Method	WGHT	2A-C
		Analyte	Wgt	C/GRA
		Unit	kg	%
		MDL	0.01	0.02
Pulp Duplicates				
2107471	Drill Core		9.05	0.40
REP 2107471	QC			0.41
2107506	Drill Core		2.53	1.15
REP 2107506	QC			1.14
2107541	Drill Core		8.44	0.12
REP 2107541	QC			0.12
Core Reject Duplicates				
2107456	Drill Core		8.82	0.90
DUP 2107456	QC		<0.01	0.89
2107490	Drill Core		6.50	2.12
DUP 2107490	QC		<0.01	1.92
2107524	Drill Core		4.33	0.41
DUP 2107524	QC		<0.01	0.45
Reference Materials				
STD CSC	Standard			2.13
STD CSC	Standard			2.12
STD CSC	Standard			2.11
STD CSC	Standard			2.25
STD CSC	Standard			2.13
STD CSC	Standard			2.22
STD CSC Expected				2.05
BLK	Blank			<0.02
BLK	Blank			<0.02
BLK	Blank			<0.02
Prep Wash				
G1	Prep Blank		<0.01	<0.02
G1	Prep Blank		<0.01	<0.02

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Submitted By: Dave Rees
Receiving Lab: Canada-Vancouver
Received: November 06, 2012
Report Date: December 11, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN12005410A.1

CLIENT JOB INFORMATION

Project: GRAPHITE
Shipment ID:
P.O. Number
Number of Samples: 9

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	9	Crush, split and pulverize 250 g rock to 200 mesh			VAN
2A09	9	Ignite 600 Deg. C., HCl leach, residue by Leco	0.1	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

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

ADDITIONAL COMMENTS

Invoice To: Noram Ventures Inc.
12835 Gilden Rd
Madeira Park BC V0N 2H1
Canada

CC: Chris Dyakowski
John Kerr

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: December 11, 2012

CERTIFICATE OF ANALYSIS VAN12005410A.1

		Method	WGHT	2A-C
		Analyte	Wgt	C/GRA
		Unit	kg	%
		MDL	0.01	0.02
G1	Prep Blank		<0.01	<0.02
2107545	Drill Core		10.36	0.06
2107546	Drill Core		9.55	0.12
2107547	Drill Core		10.66	0.20
2107548	Drill Core		10.42	0.02
2107549	Drill Core		10.40	<0.02
2107550	Drill Core		11.25	<0.02
2107551	Drill Core		10.42	<0.02
2107552	Drill Core		9.98	<0.02
2107553	Drill Core		9.23	<0.02

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: December 11, 2012

QUALITY CONTROL REPORT VAN12005410A.1

		Method	WGHT	2A-C
		Analyte	Wgt	C/GRA
		Unit	kg	%
		MDL	0.01	0.02
Pulp Duplicates				
2107553	Drill Core		9.23	<0.02
REP 2107553	QC			<0.02
Reference Materials				
STD CSC	Standard			1.97
STD CSC Expected				2.05
BLK	Blank			<0.02
Prep Wash				
G1	Prep Blank		<0.01	<0.02

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Submitted By: Dave Rees
Receiving Lab: Canada-Vancouver
Received: November 15, 2012
Report Date: December 11, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN12005413.1

CLIENT JOB INFORMATION

Project: Kootenay Graphite
Shipment ID:
P.O. Number
Number of Samples: 57

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	57	Crush, split and pulverize 250 g rock to 200 mesh			VAN
2A09	57	Ignite 600 Deg. C., HCl leach, residue by Leco	0.1	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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

ADDITIONAL COMMENTS

Invoice To: Noram Ventures Inc.
12835 Gilden Rd
Madeira Park BC V0N 2H1
Canada

CC: Chris Dyakowski
John Kerr

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: Kootenay Graphite
Report Date: December 11, 2012

CERTIFICATE OF ANALYSIS VAN12005413.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
G1	Prep Blank	<0.01	<0.02
G1	Prep Blank	<0.01	<0.02
2107619	Drill Core	6.43	0.84
2107620	Drill Core	8.46	0.90
2107621	Drill Core	9.23	0.92
2107622	Drill Core	6.39	0.68
2107623	Drill Core	2.70	0.65
2107624	Drill Core	9.49	0.69
2107625	Drill Core	9.04	1.09
2107626	Drill Core	7.82	1.51
2107627	Drill Core	8.40	1.56
2107628	Drill Core	8.54	2.09
2107629	Drill Core	8.28	1.43
2107630	Drill Core	5.87	1.40
2107631	Drill Core	2.47	0.05
2107632	Drill Core	8.57	0.04
2107633	Drill Core	3.54	0.06
2107634	Drill Core	7.08	2.25
2107635	Drill Core	7.00	0.10
2107636	Drill Core	4.71	0.03
2107637	Drill Core	3.95	1.34
2107638	Drill Core	8.46	1.68
2107639	Drill Core	4.81	1.49
2107640	Drill Core	3.13	1.23
2107641	Drill Core	8.24	1.54
2107642	Drill Core	5.10	1.52
2107643	Drill Core	4.44	0.86
2107644	Drill Core	9.10	0.98
2107645	Drill Core	8.99	1.79
2107646	Drill Core	8.67	1.54

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Client: **Noram Ventures Inc.**
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Madeira Park BC V0N 2H1 Canada

Project: Kootenay Graphite
Report Date: December 11, 2012

CERTIFICATE OF ANALYSIS VAN12005413.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
2107647	Drill Core	8.72	2.16
2107648	Drill Core	9.35	2.72
2107649	Drill Core	8.71	2.95
2107650	Drill Core	4.89	3.75
2107651	Drill Core	3.58	0.77
2107652	Drill Core	8.50	0.99
2107653	Drill Core	3.39	0.85
2107654	Drill Core	5.80	2.19
2107655	Drill Core	6.95	0.52
2107656	Drill Core	9.29	0.30
2107657	Drill Core	9.06	0.84
2107658	Drill Core	8.89	0.60
2107659	Drill Core	3.64	0.23
2107660	Drill Core	5.15	<0.02
2107661	Drill Core	6.61	0.02
2107662	Drill Core	2.47	0.73
2107663	Drill Core	8.82	0.67
2107664	Drill Core	6.03	0.69
2107665	Drill Core	2.56	1.33
2107666	Drill Core	8.85	1.06
2107667	Drill Core	9.30	0.69
2107668	Drill Core	9.51	0.54
2107669	Drill Core	4.83	0.60
2107670	Drill Core	4.33	0.02
2107671	Drill Core	9.10	0.03
2107672	Drill Core	8.62	0.03
2107673	Drill Core	9.78	0.04
2107674	Drill Core	6.89	0.05
2107675	Drill Core	5.12	0.25

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: Kootenay Graphite
Report Date: December 11, 2012

QUALITY CONTROL REPORT VAN12005413.1

		Method	WGHT	2A-C
		Analyte	Wgt	C/GRA
		Unit	kg	%
		MDL	0.01	0.02
Pulp Duplicates				
2107635	Drill Core		7.00	0.10
REP 2107635	QC			0.11
2107675	Drill Core		5.12	0.25
REP 2107675	QC			0.26
Core Reject Duplicates				
2107644	Drill Core		9.10	0.98
DUP 2107644	QC		<0.01	0.92
Reference Materials				
STD CSC	Standard			2.25
STD CSC	Standard			2.24
STD CSC	Standard			1.94
STD CSC	Standard			2.22
STD CSC Expected				2.05
BLK	Blank			<0.02
BLK	Blank			<0.02
Prep Wash				
G1	Prep Blank		<0.01	<0.02
G1	Prep Blank		<0.01	<0.02

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Client: **Noram Ventures Inc.**
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Madeira Park BC V0N 2H1 Canada

Submitted By: Dave Rees
Receiving Lab: Canada-Vancouver
Received: November 16, 2012
Report Date: December 14, 2012
Page: 1 of 4

CERTIFICATE OF ANALYSIS VAN12005521.1

CLIENT JOB INFORMATION

Project: GRAPHITE
Shipment ID:
P.O. Number
Number of Samples: 63

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	63	Crush, split and pulverize 250 g rock to 200 mesh			VAN
2A09	63	Ignite 600 Deg. C., HCl leach, residue by Leco	0.1	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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

ADDITIONAL COMMENTS

Invoice To: Noram Ventures Inc.
12835 Gilden Rd
Madeira Park BC V0N 2H1
Canada

CC: Chris Dyakowski
John Kerr

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: December 14, 2012

CERTIFICATE OF ANALYSIS VAN12005521.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
G1	Prep Blank	<0.01	<0.02
G1	Prep Blank	<0.01	<0.02
2107676	Drill Core	9.06	1.01
2107677	Drill Core	8.73	1.36
2107678	Drill Core	9.32	1.48
2107679	Drill Core	10.25	1.43
2107680	Drill Core	9.31	0.82
2107681	Drill Core	8.62	0.69
2107682	Drill Core	5.87	0.74
2107683	Drill Core	1.83	0.03
2107684	Drill Core	1.51	0.61
2107685	Drill Core	8.99	0.77
2107686	Drill Core	9.24	0.28
2107687	Drill Core	8.92	0.70
2107688	Drill Core	9.30	0.36
2107689	Drill Core	9.70	0.36
2107690	Drill Core	1.14	0.53
2107691	Drill Core	3.44	0.10
2107692	Drill Core	5.40	0.10
2107693	Drill Core	10.40	0.04
2107694	Drill Core	9.34	0.15
2107695	Drill Core	9.79	0.38
2107696	Drill Core	8.42	0.74
2107697	Drill Core	9.32	0.75
2107698	Drill Core	8.68	0.88
2107699	Drill Core	8.70	0.81
2107700	Drill Core	9.10	2.63
2107701	Drill Core	9.65	3.16
2107702	Drill Core	8.98	2.27
2107703	Drill Core	8.98	2.01

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: December 14, 2012

CERTIFICATE OF ANALYSIS VAN12005521.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
2107704	Drill Core	8.46	1.55
2107705	Drill Core	8.42	1.70
2107706	Drill Core	8.36	1.93
2107707	Drill Core	9.03	1.62
2107708	Drill Core	6.21	1.15
2107709	Drill Core	1.31	0.96
2107710	Drill Core	2.63	1.07
2107711	Drill Core	4.12	2.07
2107712	Drill Core	3.64	2.18
2107713	Drill Core	5.76	1.55
2107714	Drill Core	8.88	2.24
2107715	Drill Core	9.82	1.86
2107716	Drill Core	6.58	2.83
2107717	Drill Core	2.56	2.77
2107718	Drill Core	9.01	2.53
2107719	Drill Core	9.59	1.01
2107720	Drill Core	2.80	0.30
2107721	Drill Core	7.33	0.70
2107722	Drill Core	9.41	0.47
2107723	Drill Core	8.68	0.50
2107724	Drill Core	10.55	0.64
2107725	Drill Core	9.04	1.07
2107726	Drill Core	9.35	0.99
2107727	Drill Core	9.60	0.58
2107728	Drill Core	9.42	0.43
2107729	Drill Core	9.32	0.66
2107730	Drill Core	9.63	0.92
2107731	Drill Core	10.19	1.08
2107732	Drill Core	9.64	1.85
2107733	Drill Core	9.28	1.59

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: December 14, 2012

CERTIFICATE OF ANALYSIS VAN12005521.1

		Method	WGHT	2A-C
		Analyte	Wgt	C/GRA
		Unit	kg	%
		MDL	0.01	0.02
2107734	Drill Core		9.51	0.93
2107735	Drill Core		9.63	1.01
2107736	Drill Core		9.19	1.03
2107737	Drill Core		9.74	0.55
2107738	Drill Core		9.54	0.79

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: GRAPHITE
Report Date: December 14, 2012

QUALITY CONTROL REPORT VAN12005521.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
Pulp Duplicates			
2107684	Drill Core	1.51	0.61
REP 2107684	QC		0.61
2107713	Drill Core	5.76	1.55
REP 2107713	QC		1.63
2107719	Drill Core	9.59	1.01
REP 2107719	QC		1.07
Core Reject Duplicates			
2107698	Drill Core	8.68	0.88
DUP 2107698	QC	<0.01	0.84
2107732	Drill Core	9.64	1.85
DUP 2107732	QC	<0.01	1.89
Reference Materials			
STD CSC	Standard		2.13
STD CSC	Standard		1.93
STD CSC	Standard		1.98
STD CSC	Standard		2.05
STD CSC	Standard		1.89
STD CSC Expected			2.05
BLK	Blank		<0.02
BLK	Blank		<0.02
BLK	Blank		<0.02
Prep Wash			
G1	Prep Blank	<0.01	<0.02
G1	Prep Blank	<0.01	<0.02

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
PHONE (604) 253-3158

www.acmelab.com

Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Submitted By: Dave Rees
Receiving Lab: Canada-Vancouver
Received: November 16, 2012
Report Date: December 14, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN12005539.1

CLIENT JOB INFORMATION

Project: Kokanee Graphite
Shipment ID:
P.O. Number
Number of Samples: 36

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	36	Crush, split and pulverize 250 g rock to 200 mesh			VAN
2A09	36	Ignite 600 Deg. C., HCl leach, residue by Leco	0.1	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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

ADDITIONAL COMMENTS

Invoice To: Noram Ventures Inc.
12835 Gilden Rd
Madeira Park BC V0N 2H1
Canada

CC: Chris Dyakowski
John Kerr

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
PHONE (604) 253-3158

www.acmelab.com

Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: Kokanee Graphite
Report Date: December 14, 2012

CERTIFICATE OF ANALYSIS VAN12005539.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
G1	Prep Blank	<0.01	0.14
G1	Prep Blank	<0.01	0.13
2107739	Drill Core	9.23	0.45
2107740	Drill Core	9.83	0.35
2107741	Drill Core	8.68	0.58
2107742	Drill Core	9.19	0.51
2107743	Drill Core	9.42	0.68
2107744	Drill Core	9.32	0.86
2107745	Drill Core	9.08	0.72
2107746	Drill Core	8.52	0.97
2107747	Drill Core	8.63	0.60
2107748	Drill Core	8.90	1.87
2107749	Drill Core	8.59	2.06
2107750	Drill Core	9.06	1.12
2107751	Drill Core	8.90	3.21
2107752	Drill Core	9.64	1.18
2107753	Drill Core	8.83	1.42
2107754	Drill Core	8.55	1.01
2107755	Drill Core	8.47	0.55
2107756	Drill Core	8.27	0.58
2107757	Drill Core	8.71	1.17
2107758	Drill Core	8.43	1.69
2107759	Drill Core	9.23	1.26
2107760	Drill Core	9.16	1.27
2107761	Drill Core	8.85	2.05
2107762	Drill Core	9.10	2.28
2107763	Drill Core	8.76	1.92
2107764	Drill Core	9.14	1.06
2107765	Drill Core	9.56	2.15
2107766	Drill Core	9.78	1.83

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: Kokanee Graphite
Report Date: December 14, 2012

CERTIFICATE OF ANALYSIS VAN12005539.1

Method		WGHT	2A-C
Analyte		Wgt	C/GRA
Unit		kg	%
MDL		0.01	0.02
2107767	Drill Core	9.07	3.11
2107768	Drill Core	8.65	1.91
2107769	Drill Core	9.11	0.62
2107770	Drill Core	9.36	0.37
2107771	Drill Core	9.85	0.19
2107772	Drill Core	9.48	0.29
2107773	Drill Core	8.79	0.54
2107774	Drill Core	8.63	0.45

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: Kokanee Graphite
Report Date: December 14, 2012

QUALITY CONTROL REPORT VAN12005539.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
Pulp Duplicates			
2107756	Drill Core	8.27	0.58
REP 2107756	QC		0.56
Core Reject Duplicates			
2107770	Drill Core	9.36	0.37
DUP 2107770	QC	<0.01	0.40
Reference Materials			
STD CSC	Standard		1.94
STD CSC	Standard		2.22
STD CSC	Standard		2.17
STD CSC	Standard		2.07
STD CSC Expected			2.05
BLK	Blank		<0.02
BLK	Blank		<0.02
Prep Wash			
G1	Prep Blank	<0.01	0.14
G1	Prep Blank	<0.01	0.13

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Submitted By: Dave Rees
Receiving Lab: Canada-Vancouver
Received: November 22, 2012
Report Date: December 11, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN12005540.1

CLIENT JOB INFORMATION

Project: Kokanee Graphite
Shipment ID:
P.O. Number
Number of Samples: 45

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	44	Crush, split and pulverize 250 g rock to 200 mesh			VAN
2A09	44	Ignite 600 Deg. C., HCl leach, residue by Leco	0.1	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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

ADDITIONAL COMMENTS

Invoice To: Noram Ventures Inc.
12835 Gilden Rd
Madeira Park BC V0N 2H1
Canada

CC: Chris Dyakowski
John Kerr

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: Kokanee Graphite
Report Date: December 11, 2012

CERTIFICATE OF ANALYSIS VAN12005540.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
G1	Prep Blank	<0.01	<0.02
G1	Prep Blank	<0.01	<0.02
2107775	Drill Core	9.87	1.07
2107776	Drill Core	9.59	0.49
2107777	Drill Core	8.68	0.74
2107778	Drill Core	8.91	0.54
2107779	Drill Core	7.45	<0.02
2107780	Drill Core	2.89	<0.02
2107781	Drill Core	3.05	<0.02
2107782	Drill Core	2.54	<0.02
2107783	Drill Core	2.15	<0.02
2107784	Drill Core	L.N.R.	L.N.R.
2107785	Drill Core	9.61	<0.02
2107786	Drill Core	8.11	<0.02
2107787	Drill Core	10.08	<0.02
2107788	Drill Core	9.97	<0.02
2107789	Drill Core	8.66	<0.02
2107790	Drill Core	9.39	<0.02
2107791	Drill Core	5.69	<0.02
2107792	Drill Core	3.61	0.37
2107793	Drill Core	5.40	2.24
2107794	Drill Core	4.07	0.86
2107795	Drill Core	8.59	0.72
2107796	Drill Core	9.38	0.68
2107797	Drill Core	9.58	1.02
2107798	Drill Core	9.14	0.87
2107799	Drill Core	9.45	0.56
2107800	Drill Core	9.63	0.36
2107801	Drill Core	10.08	0.37
2107802	Drill Core	9.72	0.43

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Client: **Noram Ventures Inc.**
12835 Gilden Rd
Madeira Park BC V0N 2H1 Canada

Project: Kokanee Graphite
Report Date: December 11, 2012

CERTIFICATE OF ANALYSIS VAN12005540.1

	Method	WGHT	2A-C
	Analyte	Wgt	C/GRA
	Unit	kg	%
	MDL	0.01	0.02
2107803	Drill Core	9.55	0.42
2107804	Drill Core	9.41	0.74
2107805	Drill Core	9.48	0.79
2107806	Drill Core	9.57	0.97
2107807	Drill Core	9.75	0.95
2107808	Drill Core	9.56	2.53
2107809	Drill Core	8.90	1.13
2107810	Drill Core	5.50	1.85
2107811	Drill Core	2.26	2.48
2107812	Drill Core	2.15	3.40
2107813	Drill Core	9.21	1.35
2107814	Drill Core	9.44	1.49
2107815	Drill Core	2.11	4.37
2107816	Drill Core	2.50	1.54
2107817	Drill Core	4.46	1.35
2107818	Drill Core	9.45	1.25
2107819	Drill Core	5.53	1.87

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Madeira Park BC V0N 2H1 Canada

Project: Kokanee Graphite
Report Date: December 11, 2012

QUALITY CONTROL REPORT VAN12005540.1

		Method	WGHT	2A-C
		Analyte	Wgt	C/GRA
		Unit	kg	%
		MDL	0.01	0.02
Pulp Duplicates				
2107776	Drill Core		9.59	0.49
REP 2107776	QC			0.46
2107812	Drill Core		2.15	3.40
REP 2107812	QC			3.40
Core Reject Duplicates				
2107807	Drill Core		9.75	0.95
DUP 2107807	QC		<0.01	1.01
Reference Materials				
STD CSC	Standard			2.05
STD CSC	Standard			2.02
STD CSC	Standard			1.89
STD CSC	Standard			1.97
STD CSC Expected				2.05
BLK	Blank			<0.02
BLK	Blank			<0.02
Prep Wash				
G1	Prep Blank		<0.01	<0.02
G1	Prep Blank		<0.01	<0.02

Appendix 6

Itemized Cost Statement for Assessment Work

Noram Ventures Inc.

Kokanee Graphite Property

Itemized Cost Statement for Assessment Work
2012 Exploration Program

			Days or Number	Rate	Cost	Cost	Cost
Contractors:							
	Chris Dyakowski (Max Inv.)	Project Management	10	500	5000		
	John Kerr	Consulting Geologist			6968		
	Gordon Allen	Consulting Geologist (field)	5	600	3000		
	Gordon Allen	Data, assessment report	14	600	8400		
	Daniel Sutton (Tactical V.)	Field Assistant	5	200	1000		
	Bruce Doyle	prospector	3.7	350	1305		
	Steve Butrenchuck	contracting geologist			13433		
	Wade Critchlow Enterprises	diamond drilling	1375.6	117	161525		
		drill site prep and reclam.			1754		
	Landmark Systems Inc.	Project Consultant	5	500	2500		
	In3D Geoscience Inc.	geophysics consulting serv.	26.88	100	2688		
					207573	207573	
Food and Accommodation:							
	Travel and accommodation (Dyakowski, Rees, Kerr)				3134		
	Allen meals and accommodation				888		
					4022	4022	
Fuel:							
	Dyakowski						
	Doyle						
	Allen				226		
					226	226	
Transportation:							
	BC Ferries				65		
					65	65	
Equipment Rental:							
	Ford F350 (Max Investments; Dyakowski)						
	GMC pickup rental (Allen)		5	85	425		
					425	425	
Assays:							
	AGAT Labs and Acme				669		
	Acme Labs Ltd.	Prep and graphite assays (core)	367	28.16	10335		
	Acme Labs Ltd.	Prep and graphite assays (sfc)	26	28.16	732		
	Acme Labs Ltd.	ICP assays	9	15.75	142		
					11878	11878	
Other Expenses:							
	TRIM topographic maps				200		
					200	200	
		Total estimated project costs				224389	**$224,389**

Appendix 7

Statement of Exploration and Development;

Event Number ID: 5420250