SIGNET MINERALS INC.

2007 MINERAL EXPLORATION REPORT for the CURIE PROPERTY, NORTH CENTRAL, YUKON TERRITORY

On Quartz Claims

Claim Name	Grant #
ALPHA 1 to 102	YC49099 to YC49200
BETA 1 to 48	YC41482 to YC41529
BOHR 1 to 48	YC39970 to YC41417
CAMP 1	YC48990
CURIE 1 to 16	YC38921 to YC38936
CURIE 17 to 399	YC39624 to YC41956
CURIE 401	YC41957
FERMI 1 to 48	YC41566 to YC41613
GAMMA 1 to 36	YC41530 to YC41565
GEIGER 1 to 16	YC41614 to YC41629
GEIGER 17 to 25	YC48991 to YC48999
GROUT 1 to 268	YC41958 to YC42225
ICU 1 to 22	YC49000 to YC49021
ICU 29 to 99	YC49028 to YC49098
PLANCK 1 to 64	YC41418 to YC41481
STRUT 1 to 45	YC54565 to YC54609

By
Scott Casselman, B. Sc, P. Geo.
and
Derek Torgerson, B. Sc

Aurora Geosciences Ltd
108 Gold Road, Whitehorse, Yukon, Y1A 2W3

For

SIGNET MINERALS INC.
1963 Comox Avenue
Comox, British Columbia, Canada, V9M 3M4

Location: Latitude 65° 13' N, Longitude, 134° 50' W
NTS Map Sheet: 106E01, 106E02
Revised Date: December 1, 2006

Costs associated with this report have been approved in the amount of $ 450.550 for assessment credit under Certificate of Work No. QM00697

Mining Recorder
Mayo Mining District

SUMMARY

Signet Minerals Inc. of Comox, British Columbia contracted Aurora Geosciences Ltd. of Whitehorse, Yukon to manage and conduct a mineral exploration program on its' Curie Property, located, 190 km north northeast of Mayo, Yukon. The program involved compilation of historical data, Airborne Magnetic, Electromagnetic and Radiometric Surveys, geological mapping, prospecting, rock, soil and stream sediment sampling and trenching. The Airborne surveys were sub-contracted to McPhar Geosurveys Ltd of Newmarket, Ontario.

The Airborne surveys were conducted in two phases from May 11 to May 26 and from July 31 to September 16, 2006. The field exploration program was conducted from July 4th to September 6th , 2006.

The property consists of one thousand and seventy two (1172) quartz mineral claims totalling approximately 24,500 hectares. The property has had historical mineral exploration activity dating back to the 1970's when extensive programs of prospecting, geological mapping, geochemical and geophysical surveys, trenching, pitting and diamond drilling were conducted in the search for gold, copper, uranium, lead, zinc and coal.

The property is underlain by sedimentary rocks of the Proterozoic Wernecke Supergroup that consist of Fairchild Lake Group siltstone and minor carbonates; The Quartet Group siltstone and shale; and the Gillespie Lake Group carbonates. These rocks are cut by Wernecke Breccias that are presumed to be of Middle Proterozoic age and related to and emplaced during major regional faulting associated with the Richardson Fault Array. The brecciation appears to have been accompanied by the intrusion of diabase dykes and the influx of hydrothermal fluids which were responsible for the deposition of copper, gold, silver, cobalt and uranium mineralization observed throughout the area.

The airborne geophysical survey identified a number of significant EM conductors, a few of which were evaluated during the 2006 program, but the majority remain to be evaluated. The magnetic surveyed identified a number of strong anomalies that were ground-truthed to be caused by magnetite-rich Wernecke Breccia bodies. There remain a few moderate strength and weaker anomalies to follow-up in the future. The radiometric survey returned many anomalous regions and in particular highlighted the Deer Showing trench with a very strong anomaly.

A total of 148 gravity points were surveyed by 2 gravity crews with helicopter assistance. The gravity survey results indicate the presence of a 4.5 – 5 km wide 10 to 20 mGal gravity ridge with smaller scale gravity structures imbedded within this ridge. This large scale N-S ridge feature is consistent with and could represent the presence of a large dense hematite rich breccia body. The gravity anomaly imaged in the 2005 survey appears to be a shoulder to the larger scale ridge. There is also the suggestion

of another gravity high on the eastern edge of the survey, although the data is very sparse.

The mapping trenching and sampling program returned a number of significantly anomalous values. The initial focus of the program was to re-evaluate previously identified showings. The significant results include: rock chip samples from the Deer Showing trench that returned 0.33 to 1.07 % U_3O_8; Two samples of float from the Darney Showing that returned 0.511% and 0.505% U_3O_8; Five rock samples collected from the Ikona Showing all contained > 0.12% U_3O_8 with one sample grading 0.667% U_3O_8; Five rock samples were collected from the Sphinx Showing area and all returned >0.3% copper, two of samples contained 1.21% and 1.71% copper and one sample contained 0.426 g/t gold; Four rock samples collected from the Helikian Showing area and returned from 579 to 7150 ppm copper; Five rock samples collected from the Quartet Showing that returned 3100 ppm to 1.67% copper; Four rock samples collected from the Five Showing area that 680 ppm to 14.3% copper.

The mineralization observed at the Deer, Darney and Ikona showings occurs as uranium in shears/faults generally associated with Werneke Breccia bodies or magnetite-bearing veins. The exploration model interpreted for these areas is and IOCG genesis. The copper mineralization observed at the Sphinx, Helikian, Quartet and Five showings is hosted in sediments as chalcopyrite and secondary copper oxide coatings of malachite and azurite. These occurrences are believed to be formed by a sedimentary copper process with subsequent metamorphism and oxidation.

Recommendations for future work on the property are to:

1) Conduct follow-up reconnaissance work on airborne Magnetic, EM, and radiometric anomalies.
2) Continue the geological mapping, prospecting, trenching and surface sampling throughout the property.
3) Conduct a 5,000 m of diamond drilling program to test for subsurface uranium, copper and gold mineralization.
4) Infill of airborne Mag / EM over the newly acquired ICU and STRUT claims.
5) Further ground based gravity to close off the southern end of gravity anomaly south of the Anthea claim group.
6) Further staking to acquire ground containing an open gravity anomaly south of the Anthea claims

An estimated budget for this program is $2,200,000.

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1.0 INTRODUCTION

Signet Minerals Inc. of Comox, British Columbia, Canada, contracted Aurora Geosciences Ltd. of Whitehorse, Yukon to conduct a mineral exploration program on its' Curie Property located, 190 km north northeast of Mayo, Yukon. The program involved compilation of historical data, Airborne Magnetic, Electromagnetic and Radiometric Surveys, geological mapping, prospecting, rock, soil and stream sediment sampling and trenching with a Kabota Backhoe. The Airborne surveys were sub-contracted to McPhar Geosurveys Ltd of Newmarket, Ontario.

The Airborne surveys were conducted in two phases. The Magnetic and Electromagnetic surveys were conducted from May 11 to May 26, 2006 and the Radiometric survey was started on July 31 and completed on September 16, 2007. The radiometric survey was hampered by bad weather and equipment problems. Operations reports for each of the Airborne surveys were prepared by McPhar and are included in Appendices IV and V.

The field program on the property was conducted from July 4th to July 24th and from August 6th to September 6th 2006. During the program, Mr Kieran Downes Ph. D., P.Eng, P. Geo. (President, Signet Minerals Inc), Ms Tracy Hurley M.Sc, P. Geo. (Vice President Exploration, Signet Minerals Inc) and Mr Scott Casselman, B.Sc, P.Geo (Aurora Project Manager, Curie Project) conducted site visits. Aurora Geosciences field staff on the project consisted of Mr Derek Torgerson B.Sc (Project Geologist) and Mr Michael Schultz M.Sc candidate (Geologist), Gordon Ruby, (Field Assistant), Shaun Parent (Field Assistant), Robert Vallee (Cook), Jim Welsch (Field Assistant), James Edmonds (Field Assistant) and Shawn O'Connor (Geological Student, Field Assistant).

This report includes a review of the exploration work conducted on the property area and regionally by previous operators. The scope of this review was to examine the geological, geochemical, and geophysical data collected on the property and to assess the mineral potential of the project area. This potential was examined in the review of historical literature and from observations in the field. Based on the findings of the data compilation and the fieldwork numerous recommendations for future work on the property are included.

The author is a professional geologist and has relied on data, interpretation, and information obtained from the exploration programs conducted on the property by Aurora in 2005 and 2006 and from reports prepared by others noted in the References: primarily private company assessment reports obtained from the Yukon Government website and library. This database is internally consistent, and withstands repeated inquiry along various lines of inquiry.

2.0 RELIANCE ON OTHER EXPERTS

Much of the historical data referenced in this report was compiled by geoscientists employed by previous operators on the property. In most cases these individuals would be classified as “qualified persons” today, although that designation did not exist when much of the historic work was done. The McPhar Geosurveys Ltd and Aurora Geosciences Ltd reports referenced in this report were prepared by qualified individuals. Although the author cannot personally speak to the quality of the historical record, the data reported is consistent with the observations of the authors and is believed to be reliable.

5.0 PROPERTY DESCRIPTION AND LOCATION

The Curie Property is located 190 km north northeast of Mayo and 260 km northeast of Dawson City, Yukon Territory. The property is centered at 65^{o} 13' N, 134^{o} 50' W on NTS map sheets 106E01 and 106E02 in north-central Yukon Territory (Figure 1 and 1A).

The town of Mayo is located 380 km by road from the city of Whitehorse. Travel between Whitehorse and Mayo is by the North Klondike Highway and then north on the Silver Trail Highway. Dawson City is located 520 km north of Whitehorse, on the North Klondike Highway. Both the North Klondike Highway and the Silver Trail Highway are paved roads and are generally in good condition.

The Curie Property consists of one thousand and seventy two (1172) quartz mineral claims for a total of approximately 24,500 hectares. Claim information is as follows:

Table 1: Curie Property Claims Data[1]

Claim Name	Grant #	Expiry Date
ALPHA 1 to 102	YC49099 to YC49200	14/01/2012
BETA 1 to 48	YC41482 to YC41529	14/01/2011
BOHR 1 to 48	YC39970 to YC41417	14/01/2011
CAMP 1	YC48990	14/01/2012
CURIE 1 to 16	YC38921 to YC38936	14/01/2015
CURIE 17 to 399	YC39624 to YC41956	14/01/2011
CURIE 401	YC41957	14/01/2011
FERMI 1 to 48	YC41566 to YC41613	14/01/2011
GAMMA 1 to 36	YC41530 to YC41565	14/01/2011
GEIGER 1 to 16	YC41614 to YC41629	14/01/2011
GEIGER 17 to 25	YC48991 to YC48999	14/01/2012
GROUT 1 to 268	YC41958 to YC42225	14/01/2011
ICU 1 to 22	YC49000 to YC49021	14/01/2012
ICU 29 to 99	YC49028 to YC49098	14/01/2012
PLANCK 1 to 64	YC41418 to YC41481	14/01/2011
STRUT 1 to 45	YC54565 to YC54609	06/09/2007

The property was staked in accordance with the Yukon Quartz Mining Act in the Mayo Mining District. The claims have not been legally surveyed. The CURIE 1 to 16 claims are owned 100% by 37999 Yukon Inc. These claims are subject to an agreement with Signet Minerals Inc., whereby Signet has option to earn 100% interest in the property by making payments totalling $50,000 to 37999, issuing a total of 250,000 shares to 37999 and completing $500,000 exploration work on the property according to the following schedule:

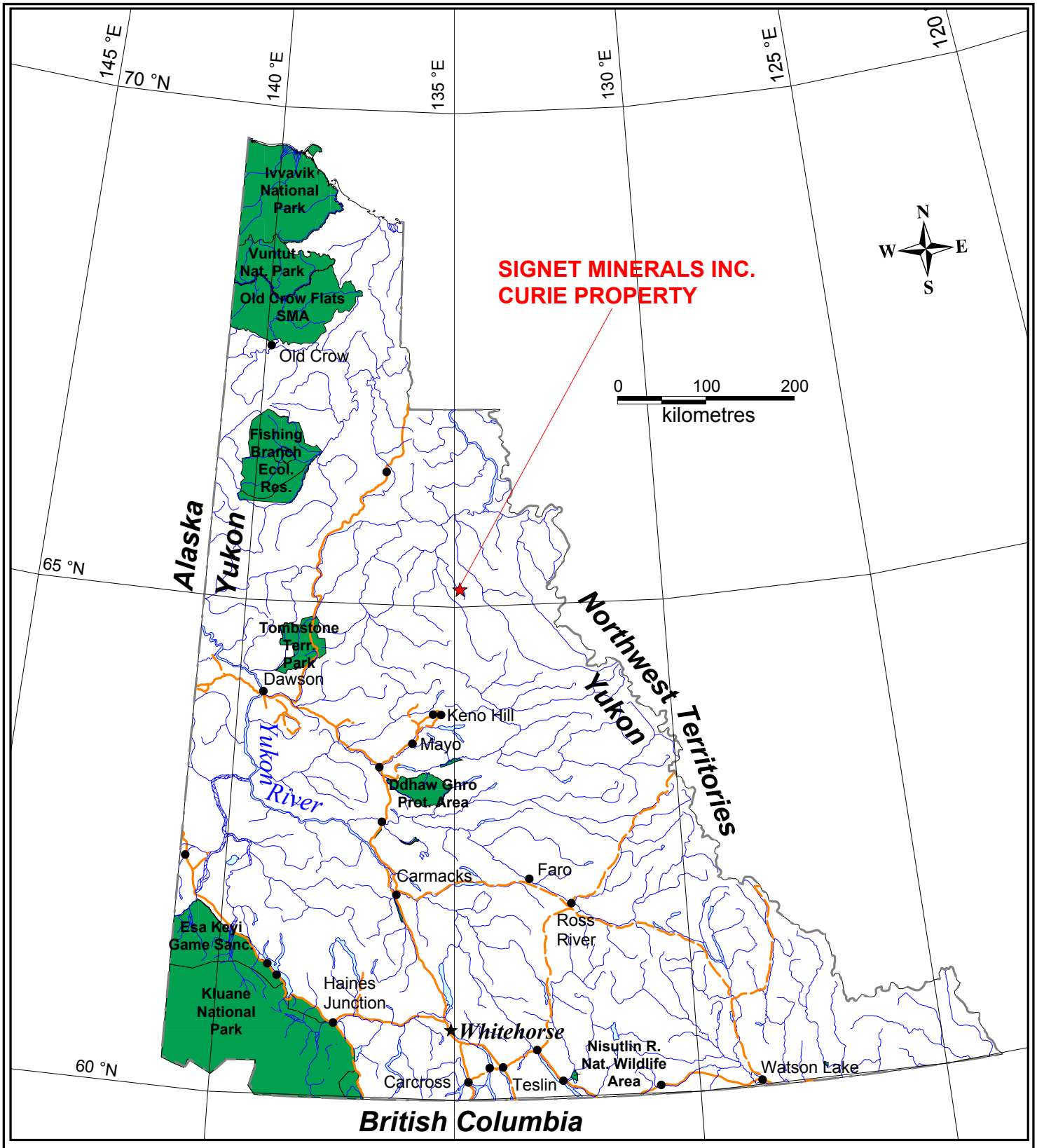
Date	**Option Payment**	**Shares**	**Exploration $**
On signing	$12,500	50,000	Nil
December 31, 2005	Nil	50,000	$50,000
December 31, 2006	$10,000	50,000	$100,000
December 31, 2007	**$12,500**	**50,000**	**$100,000**
December 31, 2008	$15,000	50,000	$250,000
Totals	$50,000	250,000	$500,000

Upon earning 100% interest in the Curie 1 to 16 claims Signet will be required to pay to 37999 a 2.0% Net Smelter Royalty (NSR) on any future mineral production from the property. Signet can purchase fifty percent (50%) of the royalty from 37999 for a cash payment of $2,500,000. The Curie 1 to 16 property agreement is subject to a three (3) kilometer area of influence such that any claims acquired by staking within the area of influence will become part of the property. All additional claims are owned 100% by Signet Minerals Inc. A portion of these claims fall within the 3 km area of influence.

[1] Claim information from Mayo Mining Recorder on Jan 02, 2006.

Signet Minerals Inc. must perform certain amounts of work or pay cash-in-lieu of work on its claim package to maintain the good standing of the quartz mineral claims. The current or future operations of Signet Minerals Inc. including exploration, development and commencement of production activities on the property require permits from government authorities and such operations are and will be governed by laws and regulations governing prospecting, development, mining, production, taxes, labour standards, occupational health, waste disposal, toxic substances, land use, environmental protection, mine safety and other matters. Additional permits may be required for exploration and development purposes if there is a perceived significant impact on certain resources. Signet Minerals Inc. currently holds a valid Class 3 Quartz Mining Land Use Permit (approval number LQ00189) for the Curie Property. This permit allows activities including exploration drilling, construction of an exploration camp, fuel storage, geological mapping, and soil / rock sampling. This Class 3 Permit is valid through to June 21, 2011. Approval for these activities has been granted by the Yukon Environmental & Socioeconomic Assessment Act Decision Document number 2006-0130.

To the author's knowledge, the properties that make up the Curie Property as described in this report are not subject to any environmental liabilities.



SIGNET MINERALS INC.
CURIE PROPERTY
Location Map

Figure 1 December 8, 2006

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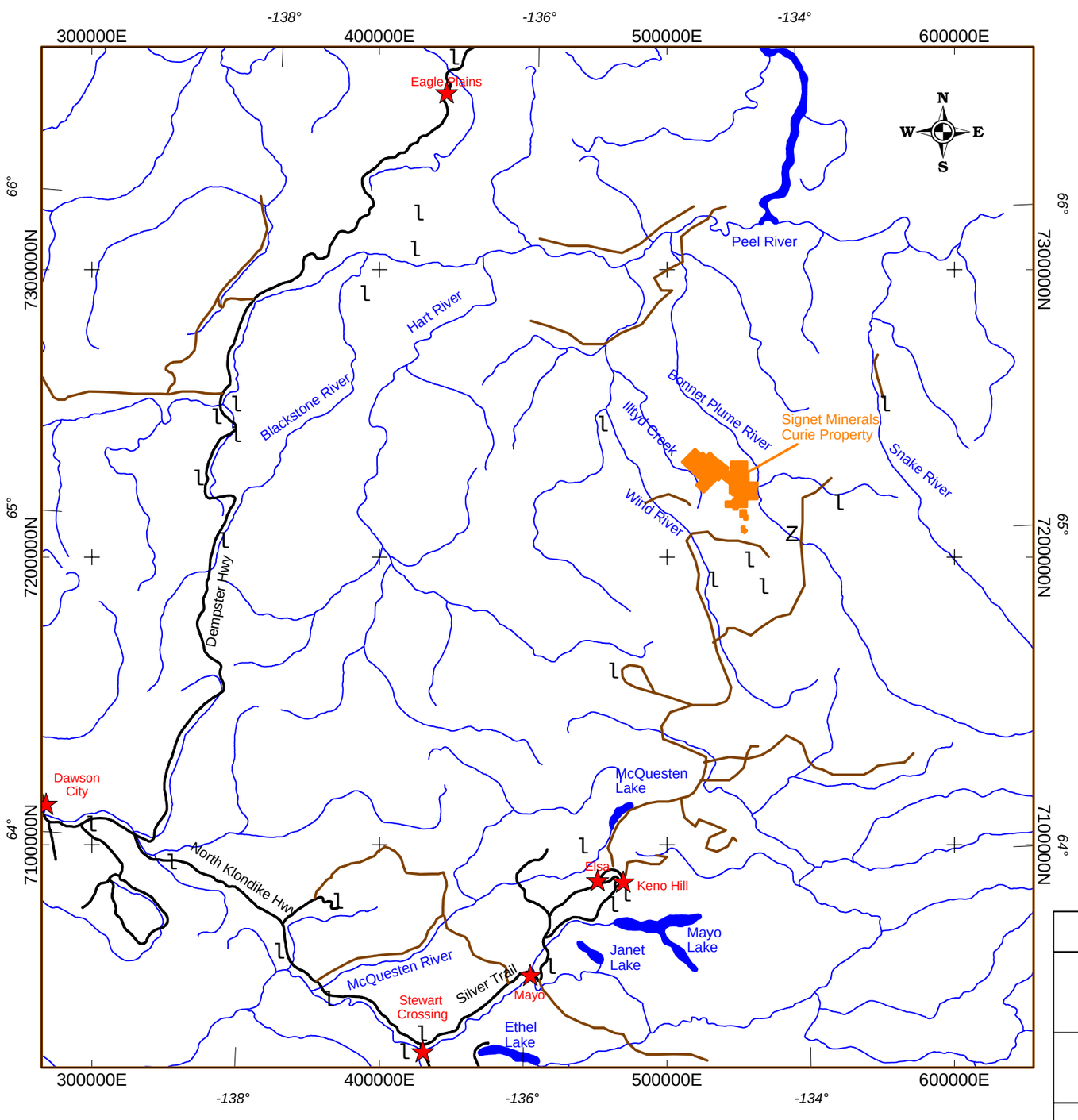

LEGEND

- Road / Highway
- Tote Trail
- Airstrip

Scale 1:1750000

25000 0 25000 50000 75000

metres

NAD83 / UTM zone 8N

SIGNET MINERALS INC.

CURIE PROPERTY
2006 EXPLORATION PROGRAM
Figure 1A - PROPERTY LOCATION and ACCESS MAP

NTS: N/A
Datum: NAD83
Date: December 3, 2006

Mining District: N/A
Projection: UTM Zone 8N
Job: SGN-06-03-YT

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4.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The property is quite remote, however there are a number of airstrips and lakes in the general area allowing access to the region by fixed wing aircraft, floatplane or helicopter from the towns of Mayo or Dawson. The Wind River trail is a "cat" trail that winds its' way from Mayo to the Wind River, immediately west of the property to within 2 km.

The project area is in the Wernecke Mountains. Topography in the area varies from gentle in the creek valleys to rugged and extreme in the mountains. Elevations range from about 600 m above sea level (MSL) to more than 1,850 m MSL.

The regional climate is semi-arid. Vegetation consists of black spruce and willow thickets at lower elevations, ranging to buck brush, alpine grasses and moss above the tree-line at approximately 1000m. Temperatures range from highs in the mid 20's C in summer to lows in the –50's C in winter. The Curie Property is often subject to dense low cloud cover in early fall (September to October) and this can represent a problem for air travel in the area.

The region was glaciated during the Pliestocene by alpine glaciers, leaving valleys floored by glacial debris and glaciofluvial outwash. The terrain is quite rugged, ridges are craggy and hillsides are talus covered. Outcrop is sparse in areas and generally restricted to ridges, cliffs, and creek cuts.

Drinking water supply is a concern in some areas on the Curie Property as naturally occurring anomalous radioactivity is present in smaller creeks, especially those drainages closest to the Deer showing.

Mayo, Yukon Territory, with a population of approximately 500 inhabitants, is the nearest municipal centre and lies approximately 190 kilometres (straight line distance) south southwest of the property. The area is remote with only the occasional outfitters or trappers cabin is located in the vicinity of the project area, although several mining operators maintain seasonal mineral exploration camps in the area . The property area is actively used for mineral exploration, hunting, trapping and big game guiding.

The author did not see any topographic or physiographic impediments for a potential mine, mill, heap leach or waste disposal sites. Suitable lands occur throughout the project area that should allow development of such facilities. An abundant supply of surface water resources do exist on the Curie Property and would be suitable to any potential mining operations. Electric power requirements on-site would require diesel generation. Environmental concerns and land rights issues with local first nations bands and big game outfitters are issues that Signet Minerals Inc. recognizes, is addressing and will continue to address as the project advances.

Photo 1. Panoramic view of north part of The Curie Property (looking westwards).

5.0 HISTORY

The Wernecke Mountains region of Yukon has an extensive exploration history. Claim staking records in the area date back to 1910 when claims were first staked in the Quartet Lakes area. There is no record of mineral exploration in the region until the 1970s. Since then, there has been an extensive amount of prospecting, geological mapping, geochemical and geophysical surveys, trenching, pitting and diamond drilling in the search for gold, copper, uranium, lead, zinc and coal.

In June, 1975 the Wernecke Joint Venture (Standard Oil Company of B.C. Ltd., Aquitaine Company of Canada Ltd., and Messrs L & H Clay) discovered uranium on the north slope of Quartet Mountain and staked the Wernecke claims. Later that year, they conducted an exploration program consisting of reconnaissance soil sampling, geological mapping, airborne and ground radiometric surveys. The program identified hard, black, vitreous crystalline masses of brannerite with traces of thorite and uranothorite up to several inches in diameter in a distinctive light pink to buff banded zone up to fifty feet thick in sedimentary rocks. A contour airborne radiometric survey flown around Quartet Mountain at elevation intervals of 500 feet identified a distinct radiometric anomaly on the north slope of the mountain. The program recommended

further prospecting to determine the origin and extent of radioactivity and to locate the source of mineralized float.

Also in 1975, Cyprus Anvil Mining Corporation conducted soil sampling programs on the Chloe claims and Gremlin Claims, 5 km west and 5 km south of Kiwi Lake, respectively. The Chloe claims were staked to cover an area anomalous lead and zinc in stream sediments. The program returned a significant lead and zinc soil anomaly in the valley bottom on the north side of the claim group and at the western edge of the claims. The soil sampling program on the Gremlin claims returned anomalous values for copper with two values being 8,000 and 15,000 ppm copper. Further soil sampling, hand trenching, Induced Polarization surveying and detailed geological mapping were recommended on both properties.

In 1976, A. Harman & Associates staked the MTR claims northeast of the Wernecke claims. The claims were sold to New Minex Resources Ltd and later that year they conducted a soil sampling and prospecting program. The results returned two areas of weakly anomalous U_30_8 geochemistry and a coincident uranium-copper anomaly. They recommended a follow-up program consisting of detailed prospecting and scintillometer surveys to determine the source and extent of the soil geochemistry anomalies.

Also in 1976, the Fairchild Joint Venture (Mountaineer Mines Ltd and Pan Ocean Oil Ltd) staked the Loon and Wolf claims approximately 10 km north of Quartet Lakes. In 1977, they conducted a program of geological mapping, prospecting, stream sediment sampling and hand trenching. The program discovered brannerite crystals in interbedded white quartzite/pale green phyllite. A float sample containing brannerite assayed 5% U_3O_8. The stream sediment sampling program returned only one anomalous value from 18 samples.

In 1977, The Fairchild Joint Venture conducted a program of soil sampling and scintillometer prospecting on the Fox, Deer, Frog, and Mosquito claims, west of Kiwi Lake in the area of the current Curie claims. A total of 217 stream sediment samples and 512 soil samples were collected from the Fox Creek area. Stream sediment values ranged from <0.5 ppm to greater than 400 ppm uranium. Anomalous to highly anomalous stream sediment values were returned from all but two of the major tributaries flowing northerly into Mosquito Creek. The main body of Mosquito Creek yielded anomalous or highly anomalous stream sediment values over most of its length. Soil results ranged from <0.5 ppm to 90 ppm uranium and defined an anomalous area that was 915 m long on the northwest side of the Fox Creek valley starting approximately 1219 m upstream from the mouth of the creek.

In 1978, the Joint Venture carried out an extensive exploration program on their Kiwi Lake holdings consisting of 937 mineral claims around Kiwi Lake. The program consisted of geological mapping, prospecting, geochemical surveying, magnetometer, spectrometer and alpha-nuclear surveys, bulldozer trenching and diamond drilling. A total of 650 m of diamond drilling was completed in 8 holes with 199 water samples, 74 silt samples and 41 soil samples being collected over the claim area.

Also in 1978, Scylla Corporation staked the A and B claim blocks south and south west of Kiwi Lake, respectively. In the summer they conducted a program of airborne radiometric surveying, scintillometer prospecting, diamond drilling and blast trenching. The airborne spectrometer survey indicated a number of areas (> 15) to be of interest. Scintillometer and conventional prospecting follow-up of these areas, however failed to locate any significant mineralization. Two trenches were completed on the claim block but no significant uranium mineralization was located.

In 1979, the Fairchild Joint Venture conducted additional diamond drilling (1549 m in 17 holes) with down hole gamma logging, bulldozer trenching, scintillometer prospecting, magnetic, electromagnetic, spectrometer, and alpha nuclear radon ground surveys. The program identified the Deer No. 1 showing, located near the top of Deer Mountain, to be a high-grade uranium occurrence. Trenching and diamond drilling at this showing returned high-grade uranium mineralization in a chlorite rich horizon that was 1.5 to 3 m thick. The ground surveys identified radon anomalies and radiometric U/Th highs on the south slope of Deer Mountain. The bulldozer trenching on this slope, however, failed to locate any uranium showings. Trenching at the Deer No. 2 showing, on the north slope of Deer Mountain identified breccia diatreme rocks containing large brannerite crystals in alteration haloes in an area of strong radioactivity confined to erratically distributed hot spots. The Deer No. 2 breccia showing, however was of limited extent. No further work was done and the properties were later allowed to lapse.

In 1982, The Wernecke Joint Venture staked the Demon claims to cover the Gremlin copper-cobalt occurrence formerly held by Cyprus Anvil Mining Corp. Exploration work that year consisted of detailed mapping and chip sampling. The chip samples returned values of up to 3.85% Cu, 11.2 ppm Ag, 396 ppb Au, and 1.1 lb/ton Co. They reported that wernecke breccia samples typically contained 3 to 20 percent disseminated platy specular hematite, up to 2% pyrite and up to 0.5% chalcopyrite. However, no zones of anomalous radioactivity or economic concentrations of uranium were discovered. The property was later allowed to lapse.

In 1992, Westmin Resources Ltd. staked the Slab and Hoover claims, located approximately 15 km South of Quartet Lakes, and conducted a program of geological mapping, prospecting, soil and rock sampling. The properties were acquired to evaluate breccia bodies in the area for Olympic-Dam style Cu, U, Au, and Ag mineralization. At the Slab Property 132 lithogeochemical, 38 rock grab, 17 rock chip and 5 soil samples were collected. Values of up to 3.52% copper, and 7,310 ppb gold were returned from rock grab samples.

At the Hoover Property, Westmin collected 55 lithogeochemical, 38 rock grab and 9 rock chip samples. The rock chip samples returned values up to 4.0% copper and 300-400 ppb Gold and a grab sample returned 20.2 g/t gold and 2.24% copper. Based on these encouraging results, Westmin expanded the Slab property by staking an additional 124 claims and the Hoover by staking an additional 114 claims to link the two claim blocks.

In 1993, Archer Cathro and Associates conducted a field program of geochemical sampling and geological mapping on the Kiwi Property located 3 km south of Kiwi Lake and adjacent to the Demon Claims. The program was designed to determine the source of lead – zinc soil and stream sediment anomalies in the area and to evaluate the potential to host sedimentary-exhalative deposits. A total of 205 rock, 95 stream sediment and 684 soil samples were collected. Thirty three of the rock samples returned values greater than 400 ppm Pb and 1000 ppm Zn, with the highest values being 0.38% Pb and 4.33% Zn. The soil sampling identified three lead–zinc soil anomalies (>251 ppm Pb, >551 ppm Zn) of greater than 1 Km^2 on the property. They recommended additional geological mapping, rock, soil and stream sediment sampling to be conducted on the property.

In 1994, Westmin partnered up with Newmont Exploration Ltd. to form the Fairchild Joint Venture to explore the Slats and Hoover claims. The joint venture conducted a program consisting of geological mapping, prospecting, soil sampling, stream sediment sampling, and an airborne geophysical survey. Highlights of the program include a sample of breccia returning values of 930 ppb gold and 5,170 ppm copper. The joint venture recommended a follow-up program consisting of geological mapping, geochemical sampling, geophysical surveys including Induced Polarization, magnetics and VLF-EM, to be followed by diamond drilling, however no further work was done on the property. At some time later, the property was sold to Breakwater Resources Ltd, which later turned it over to NVI Mining Ltd, a wholly owned subsidiary.

In 1995, Pamicon Developments Ltd conducted a diamond drill program (850 m in 5 holes) on the Anthea claims. Highlights of the program include assay results of >10,000 ppm copper, 145 ppb gold, and 471 ppm cobalt. There is no record of any further work on the property. The claims are currently in good standing.

6.0 GEOLOGICAL SETTING

6.1 REGIONAL GEOLOGY

The regional geology of the Curie Property area is taken from (Wheeler and McFeely, 1991), (Delaney, 1981), and (Thorkelson and Wallace, 1993) and (Thorkelson and Wallace, 1994). The geology of the area is shown in Figure 3 and summarized in Table 2 below:

Table 2. Curie Area Regional Stratigraphy

		Predominant Rock Types	Time Period
		Glacial, Fluvial and Lacustrine Clastic Sediments	Cenozoic
		Clastic Marine and Nonmarine Sediments	Cretaceous
		Shale and Minor Sandstone	Permian
		Limestone, Minor Shale and Sandstone	Carboniferous
		Shale and Minor Limestone	Upper Devonian
		Limestone and Dolomite Overlain by Shale	Lower Devonian to Cambrian
		Limestone Overlain by Sandstone and Conglomerate	Lower Cambrian
		Dolomite, Sandstone, Shale with Minor Limestone, Mostly Marine	Upper Proterozoic
Gillespie Lake	Wernecke Super Group	Upper Gillespie: Stomatolitic Dolomite with Minor Silt Mudstone Interbeds	Middle Proterozoic
		Lower Gillespie: Stomatolitic Dolomite with Dolomitic Shale and Siltstone Interbeds. Recessive Dark to Light Brown Weathering	
Quartet		Quartet 2: Argillite with Minor Fine-Grained Sandstone	
		Quartet 1: Carbonaceous Black Shale	
Fairchild Lake		Shallow Water, Often Dolomitic Siltstone and Shale Plus Dolomite, Fine-Grained Clastic Rocks Commonly Metamorphosed to Phyllite	

The Wernecke Mountains lie within the Foreland Belt. The belt was deformed by easterly directed compressional tectonics, is primarily comprised of thrust stacked

Proterozoic and Paleozoic sedimentary rocks of the Mackenzie Platform. The oldest exposed rocks are the Middle Proterozoic Wernecke Supergroup.

Sedimentary rocks of the Wernecke Supergroup were deposited in a basin-shelf setting on an unexposed, presumed crystalline basement. The oldest rocks of the Wernecke Supergroup are the Fairchild Lake Group which is primarily siltstone and minor carbonates. The siliclastic Quartet Group overlies the Fairchild unit and is composed principally of siltstone and shale. The carbonate rich Gillespie Lake Group overlies the Quartet succession.

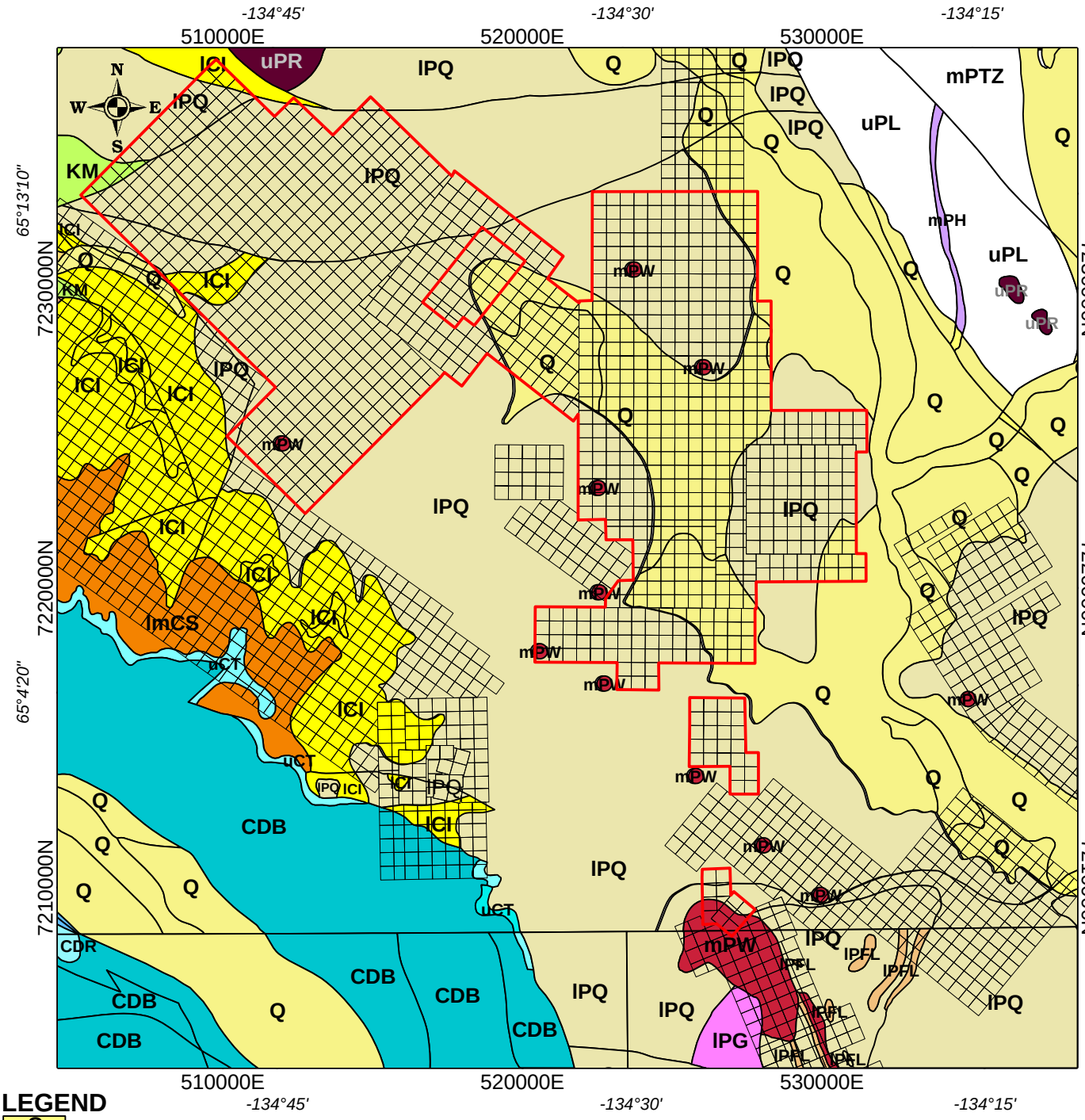
The depositional environments of the Wernecke Supergroup strata have been interpreted as a deep marine basin for the lower Fairchild Group, grading upward to a shallow marine clastic carbonate shelf at the top of the Fairchild Group. This succession was followed by a deep marine basin for the Quartet Group which shallowed upward to a predominantly carbonate shelf for the Gillespie Group. The abundance of pyrite in the Quartet Group suggests anoxic conditions during much of its deposition as opposed to the Gillespie Group which commonly contains algal mats, mud crack casts and karst features indicating a shallow to emergent depositional environment.

The Pinguicula Group has been modified by thrusting and unconformably overlies the Wernecke Supergroup. The clastic and carbonate rocks of the Pinguicula Group and Wernecke Supergroup are overlain by massive grey platform carbonates and minor clastics of Cambrian to Devonian age.

The Wernecke Breccias are presumed to be of Middle Proterozoic age and their formation is believed to be related to the movement of major regional structures of the Richardson Fault Array. Brecciation appears to have been accompanied by the intrusion of diabase dykes and the influx of hydrothermal fluids which were responsible for the abundant copper, gold, silver, cobalt and uranium mineralization.

Igneous rocks in the region are found mostly as thin dykes, small bodies and frequently as clasts within the Wernecke Breccias. Mafic volcanic flows (Slab Volcanics), greenish grey weathering diorite, light grey weathering micro-anorthosite, and greenish grey weathering biotitic andesite are present in the region as non voluminous bodies.

The structural deformation in the area is dominated by open to tight folds and steeply dipping faults. Many of these numerous faults in the region are suspected to have undergone significant amounts of dip-slip and/or strike-slip displacement. At least two major periods of deformation have taken place within the Wernecke mountain region. During the Racklan orogeny the proterozoic rocks of the Wernecke Supergroup underwent intense folding and faulting. This event caused tight to isoclinal folding and the development of strong axial planar cleavages and near vertical primary foliation. A second weak deformation event affected both paleozoic and proterozoic strata. This event consisted of broad open folding accompanied with minor overthrusting.



LEGEND

Q	Quaternary Suite Sand and Gravel
KM	Upper Cretaceous Monster Suite Conglomerate
CDR	Cambrian to Devonian Road River - Richardson Suite Shale
CDB	Upper Cambrian to Lower Devonian Bouvette Suite Dolomite and Limestone
uCT	Upper Cambrian Taiga Suite Limestone and Dolostone
lmCS	Lwr. and Mid. Cambrian Slats Creek Suite Sandstone and Siltstone
lCl	Lwr. Cambrian Illtyd Suite Limestone and Dolostone
uPR	Upper Proterozoic Rapitan Suite Sandstone and Siltstone
uPL	Upper Proterozoic Little Dal Suite Dolomite
mPW	Middle Proterozoic Hematitic and Dolomitic Wernecke Breccias
mPTZ	Middle Proterozoic Tsezotene Suite Shale
mPH	Middle Proterozoic Hart River Suite Diorite and Gabbro Sills and Dikes
lPQ	Lower Proterozoic Quartet Suite Shale and Siltsone
lPG	Lower Proterozoic Gillespie Lake Suite Dolostone

Scale 1:200000

2500 0 2500 5000

metres

NAD83 / UTM zone 8N

SIGNET MINERALS INC.

CURIE PROPERTY
2006 EXPLORATION PROGRAM
FIGURE 3 - REGIONAL GEOLOGY

NTS: 106E02
Datum: NAD83
Date: December 5, 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

AURORA GEOSCIENCES LTD.

6.2 PROPERTY GEOLOGY

The property is underlain by sedimentary and meta-sedimentary rocks belonging to the Wernecke Supergroup. The Fairchild group is observed as a thick unit of moderately metamorphosed fine-grained clastic sediments with interbedded carbonates. The Quartet group consists of thinly interbedded slates and argillites with occasional bedded quartzites and the Gillespie Group as mixed slate, quartzite and thickly bedded orange weathering dolomites.

Erratically distributed throughout these Proterozoic meta-sediments are irregularily shaped breccia bodies. These breccia bodies vary from several metres to hundreds of metres in size, and appear as cross cutting pipe like features. These breccias all contain a variety of angular meta-sedimentary wallrock clasts, and typically exhibit potassic alteration and internal veining. Alteration is typically pink and related to potassic feldspar and hematization. Mineralization in these breccias is commonly specularite, chalcopyrite, and rarely brannerite. These breccia diatremes are typically surrounded by wide alteration haloes.

Photo 2. Potassically altered and hematized sediments in the DEER Showing shear zone.

Bell Area

Bedrock exposure in the Bell area is primarily limited to ridge lines, elsewhere on the property outcrop exposure is very poor and generally covered by talus or felsenmeer. The Bell area is underlain by Quartet group sediments and meta-sediments. Outcrop is primarily of North West to North East striking and steeply dipping green to brown weathering sediments. Silicification of these sediments is common as is chloritic and potassic alteration. Rusty weathering and potassic stringers in these sediments is also common. Cross cutting unmineralized quartz veins on the cm scale are observable in these sediments. Local metamorphisim is observed as grade increases to phyllites and argillites. Throughout these sediments are hematitic breccia bodies. Contact metamorphism is apparent with the development of sillimanite on the margins of breccias. The breccias are comprised of a silicic matrix with carbonate and felspathic inclusions and specularite mineralization. Brecciation is strong with angular country rock clasts up to 50 cm, remnant bedding is typically intact in clasts. In the area of the Bell Showing radioactive mineralization appears to be structurally related to the emplacement of a Wernecke Breccia. Mineralization is observed as fine Brannerite, and specularite crystal growth in the sediments. Sediments on the margin of the breccia display potassic alteration, quartz and feldspatic veining as well as hematization.

Photo 3. Weathered Middle Proterozic Wernecke Breccia body at Bell showing area.

Darney Area

Bedrock exposure in the Darney Area is very poor and it is overlain by thick layers of felsenmeer. Bulldozer trenching was conducted previously, but failed to reach bedrock. A few small bedrock exposures were examined and found to consist of bedding parallel chloritic, silicified banded Quartet Group siltstones. The rocks trend south west and are moderately flat lying. Metamorhism in the area is evident as grey-green chloitic schist with a northerly trend and relatively flat lying. Radioactive mineralization in the Darney Area consists of fine laths of Brannerite in a quartz-feldspathic boulder float. Quartz and feldspar crystal growth is mega-crystic and very well developed in these samples and indicates the possibility of unconstrained development. Patches of dark green magnetic mafic minerals exist only as talus in the south eastern portion of the area.

Sphinx Area

Bedrock exposure in the Sphinx area is limited primarily to the ridgeline. The ridgeline is very precipitous and rugged in places. Outcrop along the ridge consists of south east trending moderately flat lying Quartet Group siltstones and shales; they typically exhibit gossanous and rusty staining on foliation surfaces, and grade rapidly into what is likely Gillespie Lake group dolomite with interbedded muddy siltstones. Areas of intense pure magnetite deposition occur along the ridge. The magnetite zones occur as recessively weathered veins cross cutting the ridgeline and often reach up to 1 m in width. The Sphinx showing is located in Quartet Group meta-sediments on the margin of a magnetite-rich breccia zone. Pyrite, Chalcopyrite, Malachite, and Azurite mineralization is well developed at the showing and occurs both as veins and coatings on foliation surfaces.

Helikian Area

Outcrop in the Helikian area is primarily limited to exposure along ridgelines and within the numerous creek cuts draining into Slats Creek. The area is underlain primarily Quartet Group sediments. They are typically green, blocky weathering, siltstone that is steeply dipping striking south westerly. In the eastern portion of the property the Quartet Group sediments exhibit a metamorphic grade change to argillites and exposure of Gillespie Lake dolomite is evident. The argillites are silicified and weakly mineralized with chalcopyrite; potassic and chloritic alteration is common on foliation surfaces as is the development of cross cutting quartz stringers. These argillites range from moderately flat lying to steeply dipping with a westerly trend. Gillespie Lake dolomites are exposed in the eastern section of the Helikian area and are generally steeply dipping with a strike varying from southeast to northeast. Scattered throughout the Helikian area are several fine grained mafic dykes / sills. These dykes are weakly mineralized with chalcopyrite and have well developed cooling joints. Country rock on the contacts of these dykes exhibit clast supported brecciation, carbonate veinlets fill the voids caused by this brecciation. Country rock clasts are typically on the 2 cm scale. These intrusions are often of limited extent.

Magnetic High Area

Bedrock in the Magnetite High Area is well exposed along the ridge and consists of Quartet Group sediments and metasediments. Buff to pale green weathering siltstone trends south westerly and is relatively flat lying. The siltstone contains up to 2% disseminated magnetite. A flat lying unit of very friable chloritic phyllite strikes north easterly along the ridge. Within the Magnetite High area are several breccia bodies. These vary from a typical hematitic Wernecke Breccia, to a red weathering pophyritic unit containing jasperoidal clasts within a quartz eye matrix. The porphyritic unit is weakly mineralized with traces of chalcopyrite and malachite.

Ikona Area

Bedrock exposure in the Ikona area is primarily limited to the ridgeline, although at the Ikona showing itself historical blast and hand trenching has done a fairly good job to expose bedrock. Quartet group sediments are exposed in the Ikona area and are made up of dark green to pale green moderately dipping chloritic siltstone with a south westerly strike. A hematitic Wernecke Breccia outcrops along the ridgeline. This breccia is weakly mineralized and contains primarily specularite and wallrock clasts. The Ikona Showing is exposed in several trenches and consists of brannerite mineralization in potassically altered Quartet Group sediments. High radioactivity readings were recorded from greasy, black, chloritc sickenslide surfaces on well developed discreet joints. The main showing appears to be podiform and of limited extent. The country rock is bleached to a pale green along the margins of the radioactive mineralization, although radioactivity does not extend to any extent into the wall rock.

Quartet Area

Bedrock is exposure in the Quartet Area primarily along ridgelines. It is underlain by Quartet Group sediments and metasediments consisting of dark, relatively flat lying chloritic slates with a south westerly strike. The slates exhibit minor quartz-feldspathic veining and patchy magnetite / specularite mineralization. Quartet group siltstones in the area exhibit pale green weathering with up to 5% disseminated magnetite both in the matrix and along bedding planes. The Quartet Showing is located on the margin of a Wernecke Breccia body. The showing is hosted within vuggy, gossanous sediments with azurite, malachite, specularite and traces of brannerite mineralization. The breccia body contains wall rock clasts up to 3 cm, and zones of carbonate inclusions. Also observed in the Quartet area is a massive feldspar blow-out containing up to 90% feldspar. This feature is extremely coarse and pegmatitic, weathers light brown and contains minor specularite veining. Also exposed in this area is an outcrop of Gillespie Lake Group interbedded silt-dolostone. This exposure has a north westerly trend and is moderately steeply dipping.

Photo 4. Copper, gold and minor Uranium mineralization at the Quartet Showing on the margin of a Wernecke Breccia body.

Five Area

Outcrop in the Five area occurs along the ridge line and sporadically down slope. The area is underlain by Quartet Group sediments consisting of siltstone and slate. The slate is moderately dipping with a northerly strike and contains is limonite and carbonate stained on well developed discreet joint surfaces. Malachite, azurite, bornite and chalcopyrite are observed as veins and coatings on joint surfaces. Large quartz and ankerite veins cross-cut the slates and exhibit a variable amount of sulphide mineralization. Down slope, northerly striking and moderately dipping silicified siltstones are observed in outcrop. These siltstones have minor malachite staining and traces of disseminated chalcopyrite. An intrusive outcrop of dark grey quartz filled amygdaloidal basalt was also observed in this area, down slope from the showing.

Deer Area

Outcrop exposure in the Deer Area is very poor and primarily limited to the extensive previous trenching efforts. The geology of the southern Deer area consists of moderately dipping, chloritic banded siltstones of the Quartet group. Mineralization at the Deer showing appears to be structurally controlled and primarily related to folding in an area of intense axial planar shearing. Radioactive mineralization is seen as float of nodules of canary yellow carnotite (?) and as greasy black sickenslide coatings on discreet joint surfaces. East of the Deer showing there is a gradational change in the Quartet Group sediments to a spotted (biotite(?)) chloritic phyllite. The phyllites have been folded, moderately to steeply dipping with a strike that varies from south west to north west. The is no uranium or sulphide mineralization observed in this meta sedimentary phyllite unit. The north Deer area is underlain by Quartet Group sediments

consisting of siltstone, shale and schists. Folding and faulting in the area causes a variable foliation from moderately to steeply dipping rocks. Gillespie Group dolomites and interbedded siltstones are exposed as a thin band in the southern portion of the North Deer Area. The dolomite unit generally strikes to the north east and is moderately to steeply dipping. Mineralization is not noted in this Gillespie Lake rocks. A dominant feature in the North Deer area is a large Wernecke Breccia unit. The breccia is observed in outcrop and as talus. The Breccia is typically comprised of a siliclastic matrix with wall rock and carbonaceous inclusions. Potassic alteration of the breccia is common, and mineralization occurs primarily as trace chalcopyrite and speculatite. The Deer 2 showing is located on the nose of a synclinal fold feature and on the margin of the breccia unit. Mineralization at the showing appears to be structurally related and is proximal to the breccia unit. It consists of minor brannerite crystallization in potassically altered and hematized siltstones.

Photo 5. Higrade Uranium mineralization associated with DEER Showing shear zone

Photo 6. Malachite stained sediments at Rapitan Showing (4.05% wt Cu)

7.0 DEPOSIT TYPES

The Curie Property has demonstrated Uranium and copper mineralization in sedimentary rocks. The region has the potential to host Iron-Oxide Copper and Gold (IOCG) deposit types, Unconformity Related and Vein-Type uranium mineralization, Sedimentary-Hosted copper deposits, and Sedimentary Exhalative (Sedex) lead-zinc and silver mineralization. A very complicated geological setting within the Curie Property package hinders a complete and thorough understanding of the deposit type model. Further understanding may in fact require the development of a new deposit model to accurately describe and predict mineralization.

Within the Curie Property uranium mineralization can be observed on the margins of hematitic Wernecke Breccias. These breccias in the middle proterozoic folded sediments of the Wernecke Supergroup contain Cu, U, Ag, and Au and resemble those of the Olympic Dam IOCG deposit model although there is no strong field evidence for a major igneous event, and often these Wernecke breccias show only a spatial relationship. The Bell, Quartet, Deer 2, and Yogi Showings all share a direct spatial relationship with Wernecke Breccia bodies.

Unconformity related mineralization typically consists of uranium mineralization at the base of a Proterozoic clastic sequence unconformably overlying a pre-middle Proterozoic basement. The basement rocks will commonly include graphitic sequences that can act as a reductant and depositional control for uranium mineralization. The

presence of underlying graphitic shale units within the Deer area and the presence of a overlying Pinguicula unconformity lend evidence for this model.

Vein type uranium deposits typically occur within shear or mylonite zones and are typically associated with Proterozoic sedimentary rocks. The combination of successive orogenic events and the reactivation of major fault systems provides a structural control for the mobilization and deposition of uranium mineralization especially brannerite and pitchblende. Within the Curie Property, the Deer and Ikona uranium showings are spatially related to shear and major fault structures.

Sediment-hosted stratiform copper deposits typically occur as zonally distributed, disseminated sulphides at oxidation-reduction boundaries in marine or continental depositional environments. This deposit type suggests the diagenetic precipitation of metals at red-ox boundaries rather than a syngenetic or late hydrothermal epigenetic origin. The Sphinx, Rapitan, Five and Helikian showings could be classified as a sediment hosted copper deposit type mineralization.

Sedex deposit types are classified as a sulphide deposit formed in a sedimentary basin by the submarine venting of hydrothermal fluids and whose principal ore minerals are sphalerite and galena. Sedex deposits occur in sedimentary basins that have been controlled by tectonic subsidence associated with major intra-cratonic or epi-cratonic rift systems. Previous operators working on the Chloe Property indicated the presence of steeply dipping brittle fractures healed with remobilized quartz and dolomite veinlets bearing disseminated galena and sphalerite that crosscut pre-existing structures. These could be indicative of a Sedex environment.

8.0 MINERALIZATION

The mineralization on the Curie Property varies fro showing to showing. Some showings share similarities in mineralization while others are unique.

Deer Showing

The Deer Showing is described in Yukon MINFILE report 106E 031 as a strong vertical shear zone with associated brannerite, pitchblende and secondary uranium mineralization. Significant work was performed by Signet Minerals Inc to expose the showing. It is located on an axial planar shear zone hosted in a pale green to grey blocky weathering, banded chloritic siltstone. Uranium mineralization is post structural and occurs in greasy black chloritic slickenslide coatings on fracture planes and in friable, potassic feldspar veins which are confined to joint and foliation planes. Distinct alteration zones appear to be related to the mineralization. These zones consist of bands of very friable chlorite as well as veins of highly crushed potassic feldspar and specularite. Although these areas of alteration are spatially related to the showing they do not exhibit elevated radioactivity and are possibly a product of mechanical shearing. At the DEER 1 showing there is an absence of visible copper mineralization. Country

rock is typically bedded parallel to the primary foliation (Sp - 265/57) except at the showing where bedding planes have been flipped and are perpendicular to the primary foliation. The Chloritic banded siltstones are found at the showing and to the south. North of the showing a gradational change occurs where the rock becomes phyllitic and speckled with disseminated fine mafic constituents (biotite?). Unlike other uranium showings in the area, the DEER 1 showing does not share a close spatial relationship with any Wernecke Breccia bodies. During excavation of the DEER 1 showing several small (2 – 4 cm) nodules of canary yellow carnotite were unearthed. It is uncertain as to the source of this mineralization as it was not observed in bedrock. It may be related to previous trenching efforts. The carnotite mineralization returned up to 54% U3O8. A 1m chip sample across strike of the best mineralized zone returned 0.842 % weight U3O8.

Photo 7. Hi-grade uranium (carnotite(?)) mineralization from Deer Showing (54% wt U_3O_8)

Deer 2 Showing

The Deer 2 showing contains chloritic surfaces with brannerite mineralization in potassically altered sedimentary rock. The showing is structurally related to folding in the host rock and appears as leakage along planes of stress. Excavation of the area revealed the mineralization to be isolated and of limited extent primarily focused in the nose area of the fold. Rocks from the most mineralized section gave up to 800 cps radioactivity and returned values of 485 ppm Uranium.

Table 3. Deer, Deer 2, Mosquito Showings Sampling Highlights

Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
DEER-06-01	Rock 0.5m Chip	18	5060	<2	0.614	
DEER-06-02	Rock 0.5m Chip	16	9710	<2	1.07	
DEER-06-03	Rock 0.5m Chip	4	355			
DEER-06-04	Rock In-Situ Grab	17	7110	<2	0.762	
DEER-06-06	Rock In-Situ Grab	14	7560	<2	0.828	
DEER-06-06 R	Rock In-Situ Grab	15	7900	<2	0.831	
RE-DEER-06-06	Rock In-Situ Grab	12	7300		0.879	
RE-DEER-06-06R	Rock In-Situ Grab	13	7200		0.864	
DEER06-07	Rock In-Situ Grab	12	3940	<2	0.447	
DEER-06-08	Rock In-Situ Grab	11	2980		0.337	
DEER-06-09	Rock In-Situ Grab	25	7600	<2	0.802	
DEER-06-10	Rock Float Grab	1710	11	300		
DEER-06-12	Rock In-Situ Grab	5980	7	22		
DEER-06-16	Rock In-Situ Grab	1	2	286		
DEER-06-17	Rock In-Situ Grab	11	485	3		
DEER-06-19	Rock Float Grab	1	249	2		
DEER-06-20	Rock 2.0m Chip	5	2100	<2		
DEER-06-20 R	Rock 2.0m Chip	5	2200	2		
DEER-06-21	Rock 2.0m Chip	3	2220	<2		
DEER-06-22	Rock 2.0m Chip	1	280	<2		

Mosquito Showing

The Mosquito Showing consists of brannerite mineralization in brecciated, potassically altered green siltstone boulders. Radioactivity readings from the 10m boulder train measured up to 2400cps. A float grab sample from this showing returned 249 ppm Uranium.

Bell Showing

The Bell showing consists of a potassic breccia with brannerite and hematite mineralization, quartz veining and hematitic alteration. The brannerite mineralization is associated with veins of potassically altered country rock (grey weathering siltstone) on the margin of a hematitic Wernecke Breccia body. Elevated radioactivity levels to 1600 cps on bedrock were recorded and analysis returned a value of 172 ppm Uranium.

Table 4. Bell Showing Sampling Highlights

Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
BELL06-03	Rock In-Situ Grab	26	172	16		

Darney Showing

The Darney Showing contains coarse grained brannerite and pitchblende in a chlorite and feldspar altered siltstone. Radioactivity highs were confined to hematitic, quartz – feldspar boulders, with disssemenated brannerite. Outcrop exposure in the Darney Area is very poor and radioactive mineralization was only discovered in trench float. Further trenching or blasting will be required to fully evaluate the potential of this showing.

Table 5. Darney Showing Sampling Highlights

Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
DAR-06-03	Rock Float Grab	862	4220	89	0.511	
DAR-06-03 R	Rock Float Grab	870	4100	98	0.505	
DAR-06-05	Rock Float Grab	85	770	13		

Five Showing

The Five showing occurs in black slates and consists of malachite staining and disseminated pyrite, bornite and minor chalcopyrite. An in-situ sample of this material returned 14.2% copper.

Table 6. Five Showing Sampling Highlights

Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
FVE-06-01	Rock In-Situ Grab	680	<2	3		
FVE-06-03	Rock In-Situ Grab	5270	<2	16		
FVE-06-04	Rock In-Situ Grab	142000	7	175		14.3
FVE-06-05	Rock In-Situ Grab	5630	10	<2		

Helikian Showing

Mineralization at the Helikian Showing consists of pods of brannerite with chalcopyrite in an area measuring 15m x 90m in hematitic, weakly bleached, chloritized and feldspathized Middle Proterozoic argillite on the periphery of a 30m thick Wernecke Breccia body. A single float boulder sample returned 423 ppm uranium and a malachite-bearing sample returned 7150 ppm copper.

Table 7. Helikian Showing Sampling Highlights

Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
HLK-06-04	Rock Composite Grab	3220	<2	145		
HLK06-05	Rock In-Situ Grab	7150	70	33		
HLK06-05 R	Rock In-Situ Grab	7020	73	33		0.67
HLK-06-08	Rock In-Situ Grab	579	<2	4		0.66

Ikona Showing

The Ikona Showing contains minor brannerite, thorite and uranothorite occurring in quartz-feldspar vein swarms within a 900m long hematitic shear zone. A podiform outcrop of potasically altered quartz and feldspar with chloritic stringers and specularite mineralization gave radioactivity readings of 14000 cps. The elevated radioactivity was observed 30cm into the bleached country rock. A grab sample of the mineralization returned 5540 ppm uranium. A second area of elevated radioactivity was identified in greasy black chloritic alteration up to 1cm thick in bleached pale green siltstone. A grab sample of this joint surface returned 2350 ppm Uranium.

Table 8. Ikona Showing Sampling Highlights

Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
IKONA-06-02	Rock Float Grab	24	1240	6	0.125	
IKONA-06-05	Rock Float Grab	128	4080	3	0.476	
IKN-06-08	Rock 1.5m Chip	48	2760	5	0.335	
IKN-06-09	Rock In-Situ Grab	77	5540	11	0.667	
IKN-06-11	Rock In-Situ Grab	565	2350	7	0.298	

Rapitan Showing

Mineralization at the Rapitan Showing consists of minor brannerite-bearing and chalcopyrite-bearing float in Quartet Group sediments which had been cut by several Wernecke Breccia bodies. A grab sample from the showing assayed 4.05% copper.

Table 9. Rapitan Showing Sampling Highlights

Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
RPT-06-01	Rock In-Situ Grab	39500	10	91		4.05
RPT-06-02	Rock 0.5m Chip	9030	4	374		0.89
RPT-06-02 R	Rock 0.5m Chip	9050	4	186		0.9

Sphinx Showing

The Sphinx Showing is a chalcopyrite-bearing hematite occurrence on the periphery of Wernecke Breccia body. The mineralized zone is approximately 4m across and consists of quartz veins with pyrite and chalcopyrite. Malachite and azurite staining is common on weathered surfaces. Two 1 m chip samples were taken with a 20 m separation and returned 9020 ppm and 13600 ppm Copper respectively. An insitu grab sample taken from best zone ran 17800 ppm Copper.

Table 10. Sphinx Showing Sampling Highlights

Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
SPX-06-01	Rock 1.0m Chip	9020	11	12		0.84
SPX-06-02	Rock 1.0m Chip	13600	8	476		1.21
SPX-06-04	Rock In-Situ Grab	3700	23	56		
SPX-06-04 R	Rock In-Situ Grab	3700	23	40		
SPX-06-05	Rock In-Situ Grab	17800	8	269		1.71

Yogi Showing

The Yogi Showing consists of patchy to disseminated brannerite and minor chalcopyrite mineralization in Quartet Group meta-sediments on the periphery of a Wernecke Breccia body.

Quartet Showing

The Quartet Showing contains fine to coarse-grained disseminated brannerite and thorite, uranothorite, gold, copper and barite near the margins of five separate Wernecke Breccia bodies. Also associated with the showing are secondary azurite and malachite mineralization. Composite grab samples collected in 207 returned values of 17100 ppm copper and up to 661 ppm uranium.

Table 11. Quartet Showing Sampling Highlights

Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
QRT-06-01	Rock Float Grab	15900	307	155		1.59
QRT-06-04	Rock Composite Grab	17100	661	61		1.67
QRT-06-07	Rock In-Situ Grab	3100	4	<2		
QRT-06-08	Rock In-Situ Grab	7730	4	<2		0.67
QRT-06-09	Rock In-Situ Grab	11900	6	33		1.07

Pike Showing

Mineralization at the Pike Showing consists of disseminated brannerite and local visible gold with associated chalcopyrite and barite. It occurs in quartz veins along the contacts of Wernecke Breccia bodies. Only a limited amount of work was accomplished on this showing in 2007.

Table 12. Owl Showing Sampling Highlights

Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
OWL-06-01	Rock Float Grab	805	<2	5		

9.0 EXPLORATION

The 2006 exploration program on the Curie Property consisted of a Landsat Imagery Study, Airborne Geophysical Surveying, geological mapping, stream sediment, soil and rock sampling, mechanical trenching using a small Kabota back hoe and ground based gravity surveying.

Signet Mineral Inc contracted Photsat Ltd to conduct a Landsat Imagery Study for the Curie Property region and to prepare images to be incorporated into a GIS database to assist with structural interpretation of the area and to be used to prepare maps for field studies.

Signet also contracted McPhar Geosurveys Ltd to conduct airborne geophysical surveying consisting of magnetics, electromagnetics and radiometrics. McPhar performed, km of airborne magnetics, km of airborne Em and km airborne radiometrics. The surveys were conducted in april-may and august-september 2006.

Aurora Geosciences Ltd conducted the geological, sampling and ground geophysical surveys on the property and managed the overall exploration program. The field exploration program was conducted from July 3 to September 6.

9.1 GRAVITY SURVEY SPECIFICATONS AND RESULTS

This section of the report describes the helicopter supported gravity survey conducted at the Curie Property between November 02 and 18, 2006. A total of 148 gravity points were surveyed by 2 gravity crews with helicopter assistance.

a. Crew and equipment.

The surveys were conducted by the following personnel:

Andre Lebel, Jacob Moeller	Gravity operators
Casey Adshead, Mike Mark	Technicians

The crew was equipped with the following instruments and equipment:

Gravimeters	2	Scintrex CG-3
DGPS base	1	Topcon GB-500 GPS (after Nov 10)
	1	Topcon Hiper GPS (up to Nov 10)
DGPS rover	2	Topcon Hiper GPSwith Recon pocket PC
Other	2	Non-differential GPS receivers
	2	Laptop with Geosoft, Topcon Tools and Amerok gravRed2 software.
	2	GlobalStar satellite phone with data package
	1	Dynamic Systems satellite internet and VOIP system
	1	Truck
	2	VHF radios
		Office supplies, geophysical repair tools

b. Survey specifications.

The gravity survey was conducted according to the following specifications:

Datums & projections	NAD83 UTM Zone 8N, elevations in metres above mean sea level using the Canadian CGVD28 geoid.
Station spacing	Nominal 500 m.
Station marking	Station hubs marked with flagged nails driven flush to ground level or with flagged rocks.
Gravimeter preparation	The gravimeters were levelled and warmed up for a period of at least 48 hours to stabilize. Thereafter, the instrument was cycled for at least 24 hours taking readings for 120 seconds every 10 minutes to ensure the stable operation of the instrument. The instrument remained under power at all times throughout the survey operation.
Gravity reading	Readings were stacked for 60 s and the maximum standard deviation kept to less than 50 μGal if possible. If this was not possible, readings were repeated several times to ensure that the data were repeatable. Seismic filters were engaged to remove wind noise.
Gravimeter check-in	Readings were taken at a check-in point (543162.297E 7208387.210N, 578.631 (ellipsoid height), before, after and occasionally midway through daily survey. The location of the check-in was marked a flagged hub and a wooden picket nearby. These readings were used for removal of remnant drift.
DGPS base	The DGPS base station was installed at 5170066.184E, 72332169.210N, 810.022 m and cycled at 5 s collecting data for DGPS post processing.
DGPS rover	For post processing, stations were occupied for 2 minutes using a 1 second epoch. Post prococessing corrections were made with Topcon Tools software. The location of a secondary gravity check–in was surveyed daily with the DGPS system to assess the accuracy of the survey.
Near station terrain measurements	Terrain elevations within 20 m of the gravity station were measured directly using a handheld clinometer.
Grid	No conventional grid was used. Station were located by GPS.

c. Data processing.

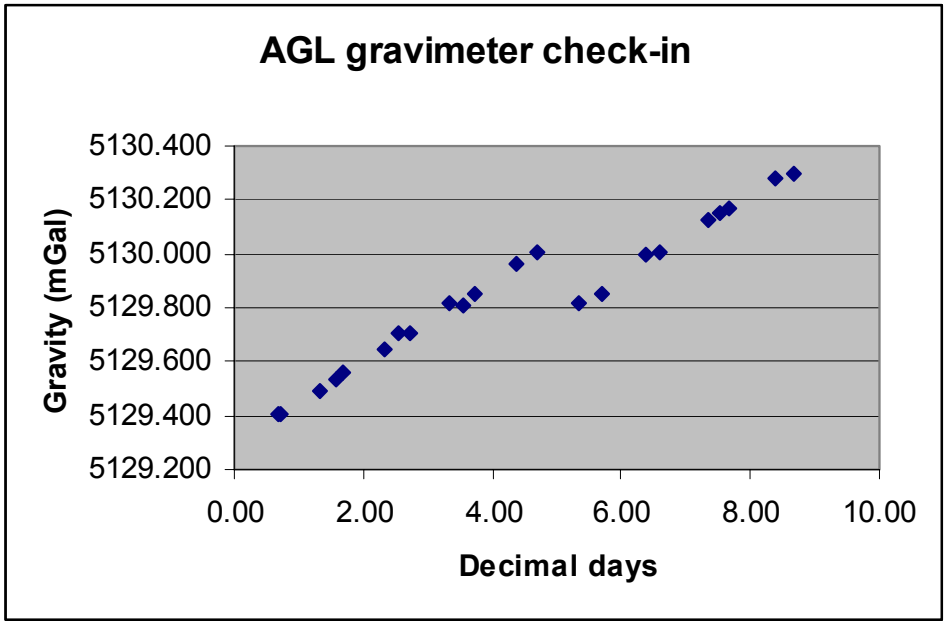
A series of repeat readings, tabulated below, were taken on 7 days to monitor the repeatability of the DGPS elevations. The maximum discrepancy from the mean is 25 cm and the standard deviation is 13 cm. These estimates of error are the lower bound because the baseline for the repeated point was very small relatively to the baseline of survey points.

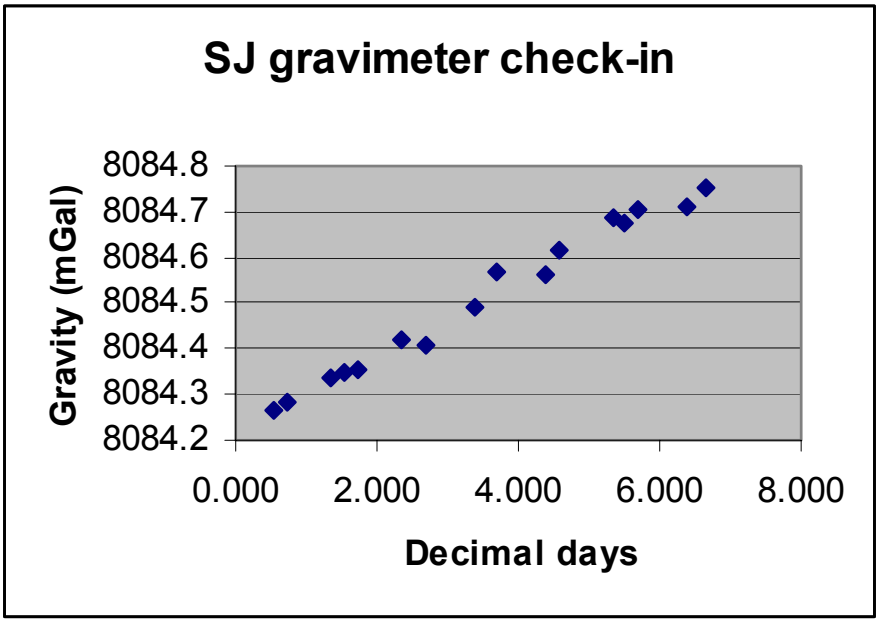
	UTMN	UTME	Elevation	Difference from Mean
NOV7_CA	7232170.461	517067.861	810.129	0.020
NOV7_CA_2	7232170.486	517067.855	810.189	0.040
NOV8_CA	7232170.466	517067.855	810.158	0.009
NOV8_MM	7232170.484	517067.836	810.385	0.236
NOV9_CA	7232170.492	517067.930	810.160	0.011
NOV9_MM	7232170.478	517067.903	810.395	0.246
NOV10_CA	7232170.402	517067.853	810.062	0.087
NOV11_CA	7232170.441	517067.853	810.084	0.065
NOV12_CA	7232170.442	517067.903	810.037	0.112
NOV12_MM	7232170.432	517067.884	810.031	0.118
NOV13_CA	7232170.438	517068.030	810.006	0.143
		Mean	810.149	
		Standard Dev	0.133	

The elevation data were converted to geoid heights using the Canadian CGVD28 geoid. Where individual surveyed points differed from the DEM, the DEM points were removed in an area surrounding the gravity station and a new DEM generated to guarantee that the two data sets are consistent.

Tidal corrections to the data were performed based on latitude of 65.23 and longitude of -134.8. Remnant drift was corrected by linear interpolation between check-in points. As can be seen from the graphs below with gravity in mGal on the y-axis and decimal days on the x-axis, the linear assumption of remnant drift is adequate. The tare in the drift

data on day 5 of the AGL gravimeter is the result of a temporary power problem in the gravimeter. It occurred after the survey day and does therefore not pose any processing problems. There is no raw data dump file for that day (Nov 10) as the problem prevented the operator from dumping the gravimeter and data for Nov 10 were recovered from field notes.





Latitude corrections were made using a centre latitude of 65.2degrees, centred at UTME 510600 and UTMN 7231000 with a declination of 0.2 E. Free air corrections were made and Bouguer slab, Bullard-B and all terrain corrections were made using a density of 2.67 g/cm^3. Near station terrain corrections are made by Kane's method using measured relative elevation differences within 20 m of the station in 6 sectors. An inner 20 metres DTM with corners 503000E, 7221000N and 531000E, 7241000N, adjusted as required to be consistent with the DGPS survey was used to calculate an a second terrain correction using the flat-top prism method (Nagy's Method).This inner DTM extends to approximately 3 km outside the survey area. Lastly a third terrain correction is applied using a 1000 m grid from the outside of the inner DTM to approximately 100 km outside the survey area. A line-mass method was used for this outer terrain correction.

All corrections were made using Gravred2, proprietary software developed by Amerok Geosciences Ltd. except the tidal corrections which were made on-board the Scintrex gravimeter.

Four points were resurveyed from the 2005 gravity survey for levelling. The mean difference between the four points was 84.528 mGal, and this amount was added to the 2006 data to level the datasets. It should be noted that the standard deviation of the difference between the 2005 and 2006 datasets is 0.634 mGal, indicating an error that is higher than would be expected. Further surveying of levelling points is recommended to resolve this issue.

The Final gravity was gridded with 250 m cells a minimum curvature algorithm. The grids were upward continued to 10,000 m and subtracted from the original grid to remove long wavelength trends. All grids are displayed using a linear colour scheme with a 25 mGal scale.

d. R**esults**

- A 4.5 – 5 km wide 10 to 20 mGal gravity ridge was identified by the survey with smaller scale gravity structures imbedded within the ridge. This large scale N-S ridge is open to both the north and south. The N-S trough bisecting the gravity anomaly is probably at least partially caused by lower density valley fill. The gravity anomaly imaged in the 2005 survey appears to be a shoulder to the larger scale ridge.

There is the suggestion of another gravity high on the eastern edge of the survey, although the data is very sparse.

10.0 DRILLING

Diamond drilling at the Curie Property was conducted Mountaineer Mines and Pan Ocean Exploration operating as the Fairchild Joint Venture during exploration programs in 1978 and 1979. The Joint Venture drilled 25 holes for a total of 2195.9 m.

Deer Area

In 1978 the Joint Venture drilled 6 holes for a total of 544.7 m. The drilling focused on the Deer Showing area and was designed to test for the presence of structurally controlled high grade uranium mineralization at depth beneath the Deer showing. Although drilling did encounter numerous faults and fracturied, uranium mineralization was not significant. The best results returned 110 ppm uranium over 1.5 m. The remaining holes did not intercept significant uranium mineralization, and samples values ranged from 1.5 to 7 ppm uranium.

In 1979 the Joint Venture drilled 11 holes for 724.24 m at the Deer Showing and returned poor results with the value being 160 ppm uranium over 3.05 m.

Flats Area

Also in 1979, the Joint Venture drilled 2 holes for 215.8 m in the Flats Area near the Deer 2 Showing. These holes were drilled to test for an unconformity related mineralization in a graphitic shale unit. Gamma probe logs from the holes did not report any significant radioactive anomalies and no samples were sent for analysis.

South Deer Area

The Joint Venture drilled 4 holes for a total of 609.3 m in the South Deer area in 1979. These holes were drilled to test a ground radon anomaly and for the presence of a postulated east-west trending escarpment fault. Down hole gamma probe logs revealed radioactivity levels to be very low and the drill core showed no signs of uranium mineralization, no samples were sent for analysis.

Ikona Showing

In 1978 the Joint Venture drilled 2 holes for a total of 101.5 m in the Ikona Showing (formerly known as the Loon showing). These holes targeted radioactive quartz feldspar veins exposed in trenches. They encountered significant drilling difficulties and failed to reach target depths. The core that was returned did not contain any significant uranium mineralization and the best result was 1.5 ppm uranium.

11.0 SAMPLING METHOD AND APPROACH

Signet Minerals Inc. has collected a number of stream sediment, soil and rock (chip and grab) samples from throughout the property. The company has performed a significant amount of re-sampling of showings originally located by previous operators. Much of Signets' sampling has focused on the locating and re-sampling of previously identified showings, however the company has also identified and sampled newly recognized mineralized showings. In 2006, the company collected 1 stream sediment sample, 1 soil/talus sample and 94 rock-chip and grab samples.

Stream sediment samples are collected by placing approximately 300 grams of fine steam silt in a Kraft wet-strength sample bag. The bag and sample location are labelled with a unique number and the sample site is marked in the field with flagging. A GPS reading is taken at all sample sites.

Soil or talus samples are collected by placing approximately 300 grams of fine, silty or sandy material in a Kraft Wet-strength sample bag and labelling the bag and site accordingly. In general there is poor soil development in this region of Yukon, especially on the steep mountain slopes of the Curie Property and most of the material collected is talus, or colluvium as apposed to soil.

Rock samples are collected under the supervision of a geologists as individual in-situ or float grab samples or as continuous chip samples over measured widths in trenches and at outcrops. The samples are placed in plastic samples bags and woven poly bags. All rock samples are described indicating he geological setting, nature of the sample and any mineralization observed.

12.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

All samples were sent to the Geoanalytical Laboratories of the Saskatchewan Research Council (SRC) in Saskatoon, Saskatchewan, Canada. SRC was established in 1947 by the Government of Saskatchewan and is ISO/IEC 17025 accredited by the Standards Council of Canada as a testing laboratory for specific tests and maintains a Certificate of Laboratory Proficiency from the Standards Council of Canada (gold silver, copper, lead, zinc, cobalt, nickel, platinum, palladium).

The sample preparation procedure for rock samples involved drying of samples @80C overnight, then jaw crushing to 60% -2mm and a 100-200g sub sample is split out using a riffle splitter. The sub sample is then pulverized to 90% - 106 microns using a puck and ring grinding mill. The grinding mills are cleaned between samples using steel wool and compressed air or in the case of clay rich samples, silica sand cleaning is employed. The pulp is then transferred to a labelled plastic snap top vial. Both a partial and total digestion procedure were employed. The total digestion procedure uses a 0.25g aliquot of pulp digested to dryness in a Teflon beaker using a hotplate in a mixture of concentrated $HF:HNO_3:HClO_4$. The residue was then dissolved in 15 ml of

dilute $HN0_3$. The partial digestion involves a 2 g aliquot of pulp digested in a digestion tube in a mixture of HNO_3:HCl, in a hot water bath for approximately 1 hour, then diluted to 15ml using deionized water.

The samples were then analyzed for 55 elements using SRC's ICP 55 Element Uranium Exploration package, individual single element assays were completed for Uranium, Boron, and Gold. High grade uranium samples (>1000ppm U) were assayed to return weight % U3O8.

All samples were assayed for Boron using the ICP method. The specific analysis for Boron involves 100mg of pulp being fused in a mixture of NaO_2/$NaCO_3$ in a muffle oven. The fused melt is dissolved in DI water.

Samples were analyzed for Gold using a gold fire assay process. This process involves mixing an aliquot of sample pulp with a standard fire assay flux in a clay crucible and a silver in-quart is added. The mixture is fused at approximately 1200°C for approximately 90 minutes. The fusion melt is poured into a form and cooled and the lead bead recovered and cupelled at 980°C until only the precious metal bead remains. The bead is then parted in a 15ml test tube with 18% HNO_3 v/v solution by heating in a boiling water bath until the silver dissolves. The 18% HNO_3 solution containing the silver is decanted leaving the gold in the test tube. 1ml of aqua regia is added to the gold in the test tube and heated on the boiling water bath until the gold dissolves. The sample is then diluted to volume and analyzed by ICP-OES and/or Atomic Absorption Spectrometry (AAS).

Samples were further analyzed for Uranium with a flourimetry procedure. The Flourimetric procedures uses standard drying and crushing procedures. Uranium was determined on the Total digestion with a 0.1ml aliquot of the digestion solution was pipeted into a 90% Pt 10% Rh dish and the liquid evaporated @80C. A NaF/LiK pellet was placed on the dish and fused on a special propane rotary burner for 3 minutes then cooled to room temperature. The fluorescence of the fused pellets was then measured on a modified Jarrel Ash Fluorimeter.

Two calibration blanks and two calibration standards as well as one blank, two QC/QA standards and one replicate were included with each group of samples. Calibration standards are made from 10,000 ppm U commercial certified solution.

SRC utilizes rigorous quality control standards. All Quality Control data generated at SRC Geoanalytical Laboratory is reviewed by the Quality Assurance Specialist. The Quality Control Techniques used for verifying all results generated includes data verification, instrument calibration, analysis of blanks, analysis of duplicates, and analysis of reference (QC) samples. Quality Control charts are produced for each QC standard for all elements analyzed. Upper and lower limits are set at 3 standard deviations. Appropriate corrective action is initiated and the effectiveness of that action is evaluated internally before reporting the final results to the customer. Control Charts

are monitored by QA on a regular basis. Any deviations or bias observed for a QC in the method is documented and reported to the customer.

Signet Minerals Inc. has a chain of custody for the sealed sample bags including delivery to the lab by a recognized freight carrier. The samples were handled in a secure manner at all times.

13.0 DATA VERIFICATION

Sample collection procedures by previous workers on the property were managed by experienced professionals and appear to have been handled in an acceptable manner. The samples were processed and analyzed at reputable laboratories and there is no indication from the analytical determinations that any spurious results were produced from sampling procedure, sample handling or analytical problems.

The geochemical data from historic exploration programs on the property were checked against original assay certificates, where possible. The author observed no inconsistencies between the two data sets.

14.0 ADJACENT PROPERTIES

There are mineral properties owned by other companies to the north, east, west and south of the Curie Property. Exploration activities in the area are primarily focused on the search for uranium, and associated copper and gold mineralization. Quartz mineral claims surrounding the Curie Property are held primarily by Fronteer Development Group and Cash Minerals Ltd. Currently, Signet Minerals Inc. holds approximately 1100 quartz mineral claims, totalling 24,500 hectares. Fronteer Development Group currently controls approximately 1000 quartz mineral claims in the area for a total of 21,000 hectares. Cash Minerals Ltd currently controls approximately 4000 quartz mineral claims totalling nearly 84,000 hectares.

15.0 MINERAL PROCESSING AND METALLURGICAL TESTING

To the knowledge of the authors, no mineral processing or metallurgical testing has been conducted on materials from the Curie Property belonging to Signet Minerals Inc. described in this report.

16.0 MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES

To the knowledge of the authors, no mineral resource or reserve estimate has been calculated for material from the Curie Property area belonging to Signet Minerals Inc. described in this report.

17.0 OTHER RELEVANT DATA AND INFORMATION

It is the author's opinion that there is no additional information or explanation necessary to make this technical report understandable and not misleading.

18.0 INTERPRETATION AND CONCLUSIONS

The 2006 exploration program on the Curie Property was and integrated program involving Landsat Imagery study, airborne geophysical surveying, geological mapping, prospecting, rock, soil and stream sediment sampling mechanical trenching and ground gravity surveying. The program also involved the compilation of historic work conducted in the area by previous operators into a GIS database to assist with exploration modeling. The exploration program was successful in identifying a number of airborne geophysical and ground gravity anomalies as well as highly anomalous uranium, copper and gold values from rock and soil samples, that require further follow-up work.

The airborne geophysical survey results are included in the reports prepared by McPhar Geosurveys Ltd and included in Appendices IV, V and VI. The magnetic images help to clarify the geological understanding of the area by mapping out rock of similar magnetic response in areas of thick overburden cover. The magnetic images also identify some highly magnetic response, many of which have been ground truthed to be underlain by magnetite-rich Wernecke Breccia bodies.

The airborne electromagnetic survey identified a significant number of conductors. These are listed in the survey report prepared by McPhar and indicated the strength of the conductor. During the 2006 exploration program only very few of these anomalies were evaluated, generally those that were proximal to existing showings. Most of these anomalies remain to be evaluated.

The gravity survey results indicate the presence of a 4.5 – 5 km wide 10 to 20 mGal gravity ridge with smaller scale gravity structures imbedded within this ridge. This large scale N-S ridge feature is consistent with and could represent the presence of a large dense hematite rich breccia body. This large scale N-S ridge feature is open to both the north and south. The gravity anomaly imaged in the 2005 survey appears to be a shoulder to the larger scale ridge. There is also the suggestion of another gravity high on the eastern edge of the survey, although the data is very sparse.

The trenching and sampling program at the Deer Showing was successful in exposing the shear/fault that hosts the uranium mineralization. Mineralization appears to be structurally controlled and primarily related to folding in an area of intense axial planar shearing. Radioactive mineralization is seen as float of nodules of canary yellow carnotite (?) and as greasy black sickenslide coatings on joint surfaces. The bedrock

was chip sampled and returned significant uranium mineralization with values ranging from 0.33 to 1.07 % U_3O_8. As well, one sample from the area returned 0.59 % copper and another returned 0.3 /t gold.

The Darney Area is poorly exposed due to thick accumulations of felsenmeer, previous bulldozer trenching in the area failed to reach bedrock. A few small bedrock outcrops and the float in the talus were examined and some radioactive material containing brannerite and pitchblende in a quartz-feldspathic boulder float was sampled. Two samples collected from the area returned 0.511% U_3O_8 and 0.505% U_3O_8. Because of the limited exposure it is difficult to determine the controls on the mineralization. Further work in the area is recommended to determine the extent and controls on the mineralization.

Bedrock exposure in the Sphinx area is limited. The area is underlain by siltstones and shales that are quite gossanous. A number of massive magnetite veins cross cut the sedimentary rocks on the ridge and often reach up to 1 m in width. Pyrite, chalcopyrite, malachite, and azurite mineralization is well developed at the showing and occurs both as veins and coatings on fracture surfaces. Five rock samples were collected from the area and all returned >0.3% copper. Two of samples contained 1.21% and 1.71% copper and one sample contained 0.426 g/t gold. Further work is required to determine the extent of the mineralization.

The Helikian area is underlain by Quartet Group siltstone that is intruded by dykes / sills. The dykes are weakly mineralized with chalcopyrite. The sediments are mineralized with pods of brannerite with chalcopyrite in an area measuring 15m x 90m on the periphery of a 30m thick Wernecke Breccia body. Four rock samples were collected from the area and returned from 579 to 7150 ppm copper and up to A single float boulder sample returned 423 ppm uranium and only minor U (up to 70 ppm).

Historical blast trenching at the Ikona has exposed brannerite, thorite and uranothorite mineralization in potassically altered Quartet Group sediments. High radioactivity readings were recorded from greasy, black, chloritc sickenslide coated surfaces proximal to a hematitic Wernecke Breccia body that outcrops along the ridgeline. The breccia is weakly mineralized and contains specularite. Five rock samples were collected from the showing area; all contained > 0.12% U_3O_8 with one sample grading 0.667% U_3O_8. The two drill holes from 1972 did not encounter significant mineralization, however they were very short (total 101.5 m). The main showing appears to be podiform and of limited extent, however more trenching and/or drilling will be required to determine its' full extent.

The Quartet Area is underlain by chloritic slates that contain minor quartz-feldspathic veining and patchy magnetite / specularite mineralization and fine to coars-grined disseminated brannerite, thorite and uranotorite. The showing occurs on the margin of a Wernecke Breccia body and is in vuggy, gossanous sediments with azurite, malachite, specularite and traces of brannerite mineralization. Five samples were collected from the showing and returned 3100 ppm to 1.67% copper, up to 661 ppm U and 155 ppb

gold. The copper mineralization is encouraging and warrants further follow up work to determine its' exent.

The Five area is underlain by Quartet Group siltstone and slate with malachite, azurite, bornite and chalcopyrite observed as veins and coatings on joint surfaces. Large quartz and ankerite veins cross-cut the slates and exhibit a variable amount of sulphide mineralization. Four rock samples were collected from the area and returned 680 ppm to 14.3% copper. Uranium content for all samples was low and the high-grade copper sample also contained 175 ppb gold.

The mineralization observed at the Deer, Darney and Ikona showings occurs as uranium in shears/faults generally associated with Werneke Breccia bodies or magnetite-bearing veins. The exploration model interpreted for these areas is and IOCG genesis. The copper mineralization observed at the Sphinx, Helikian, Quartet and Five showings is hosted in sediments as chalcopyrite and secondary copper oxide coatings of malachite and azurite. These occurrences are believed to be formed by a sedimentary copper process with subsequent metamorphism and oxidation.

Exploration techniques for the two different styles of mineralization and deposit types will vary and future exploration programs should take this into consideration to better test the different targets.

19.0 RECOMMENDATIONS

Recommendations for future work on the property are to:

1) Conduct follow-up reconnaissance work on airborne Magnetic, EM, and radiometric anomalies.
2) Continue the geological mapping, prospecting, trenching and surface sampling throughout the property.
3) Conduct a 5,000 m of diamond drilling program to test for subsurface uranium, copper and gold mineralization.
4) Infill of airborne Mag / EM over the newly acquired ICU and STRUT claims.
5) Further ground based gravity to close off the southern end of gravity anomaly south of the Anthea claim group.
6) Further staking to acquire ground containing an open gravity anomaly south of the Anthea claims

An estimated budget for this program is:

Geological mapping, trenching and sampling	$ 200,000
Ground geophysics	150,000
Check assaying	50,000
5000 m of diamond drilling (all inclusive)	1,500,000
Total	$2,200,000

Respectfully Submitted,

Scott Casselman, B. Sc., P. Geo.
Geologist

Derek Torgerson, B. Sc.
Geologist

20.0 STATEMENT OF EXPENDTURES

Consulting Serices - Auroras Geosciences Ltd	
Scott Casselman (149 hours @ $90)	13,410.0
Warren Kapaniuk (60.5 hours @ $45)	2,722.50
Jim Mcfaull (10 hours @ $45)	450.00
Calvin Delwisch (3.5 hours @ $45)	157.50
Shawn O'Connor (120.5 hours @ $45)	5,422.50
Jessica Norris (101.5 hours @ $45)	4,567.50
Lauren Blackburn (21.25 hours @ $45)	956.25
Derek Torgerson (115.6 hours @ $80)	9,248.00
Mike Bondarchuck (26 days @ $380)	9,880.00
Irene Court (17.5 days @ $380)	6,650.00
James Edmonds (17 days @ $350)	5,950.00
Bob Harembski (1 days @ $350)	350.00
Robert Vallee (33 days @ $350)	11,550.00
Tristia Ventures Kieran Downes	1,810.16
Steve Earle	1,125.00
Scimitar Ventures	9,826.54
McPhar Geosurveys Ltd - Airborne Geophysical Surveying	244,083.10
Photosat Information Services	3,443.65
Helicopter Charter (Helidynamics)	80,152.26
Fixed Wing charter (Big Salmon Air)	67,204.11
Camp Equipment rental	6,198.00
Equipment purchase	10,000.00
Vehicle rental (23 days @ $100)	2,300.00
ATV rental (30 days @ $100)	3,000.00
Fuel purchase	89,700.62
Supplies	21,003.78
Groceries	5,308.40
Freight charges	4,785.97
Room and Board (Bonnet Plume Outfitters - mostly)	14,642.83
Map copying charges	2,550.00
Report Writing and reproduction costs	15,000.00
Total	$653,448.67

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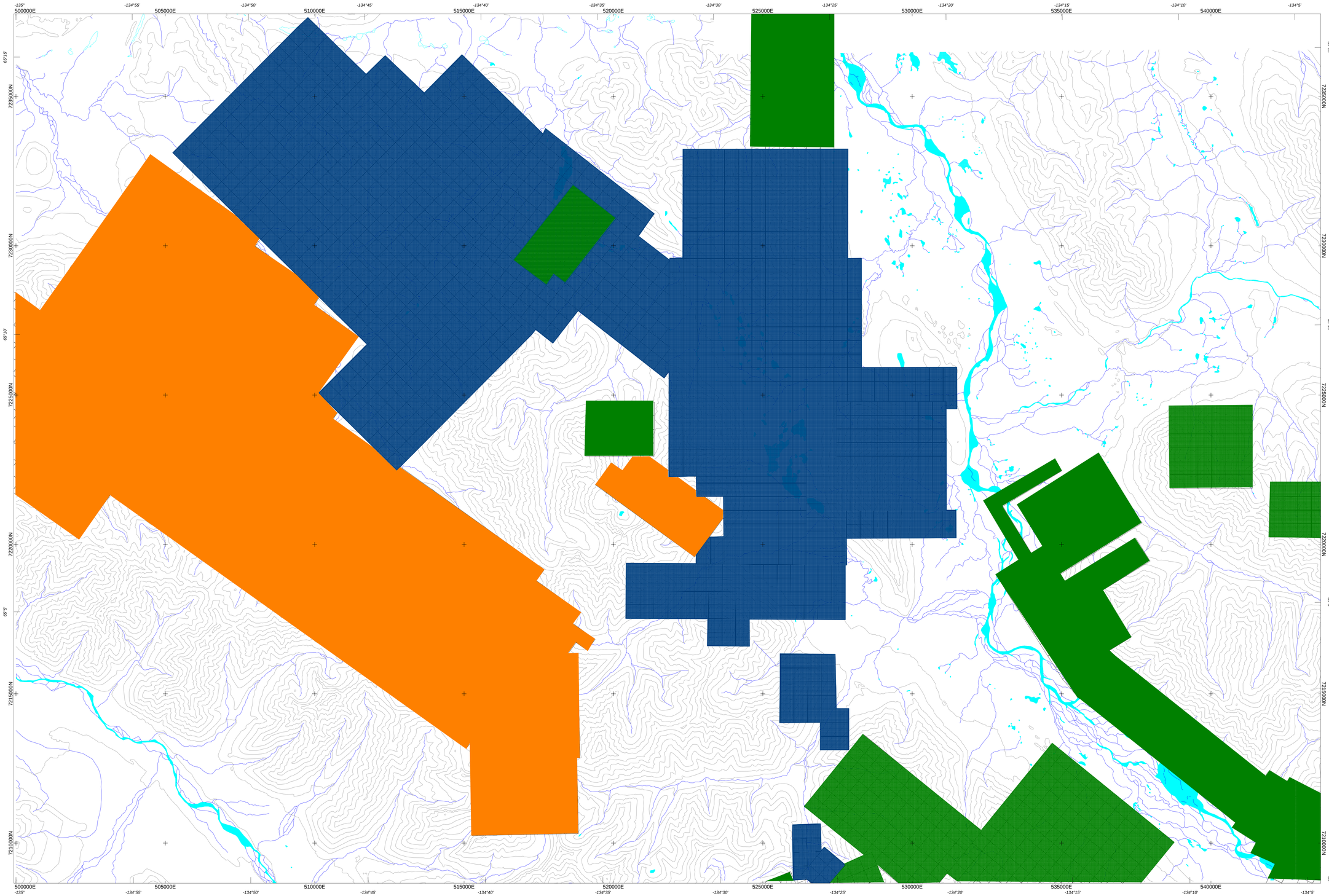
MAPS AND FIGURES



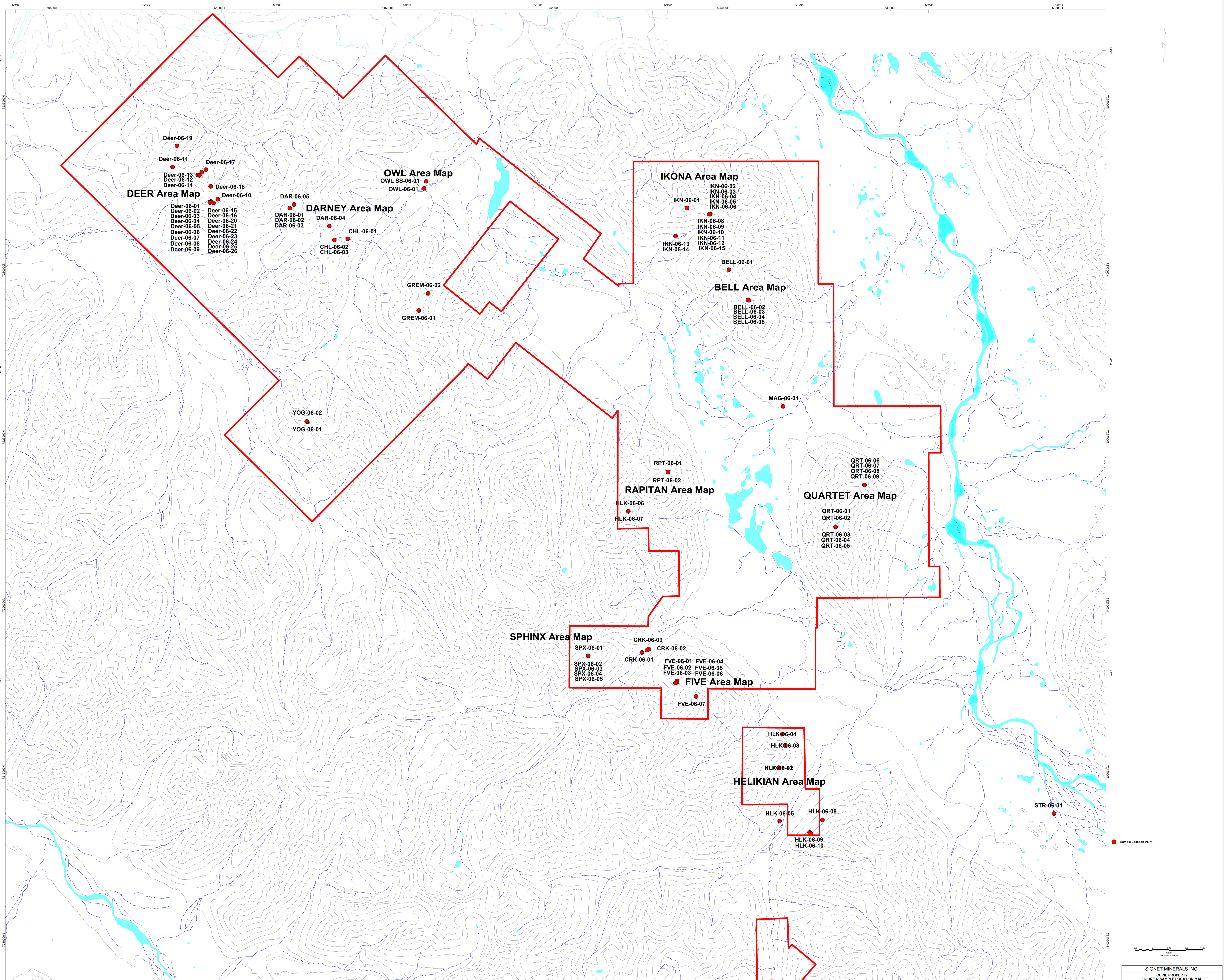
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 2. CLAIMS MAP

NTS: 106E01/02/07
Datum: NAD83
Date: Dec 1 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



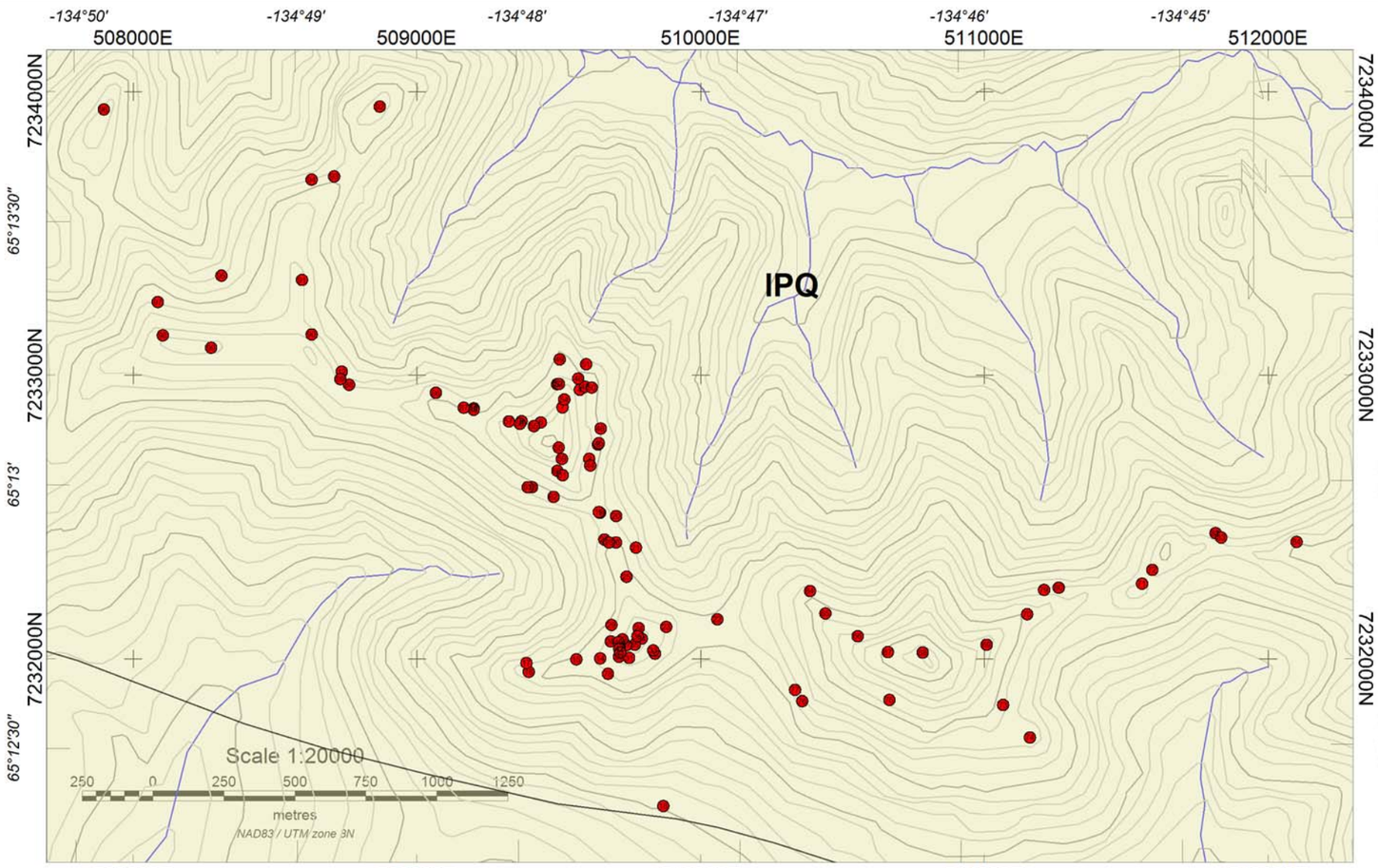
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 4. SAMPLE LOCATION MAP

NTS: 106E02/01
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



61 - More dolomite, relatively in-situ, dolomites may be two units of < 3 metres thickness with a 15 m interbed of schist.

62 - Dolomite talus.

63 - In-situ dolomite, possible second unit. Interlayered with schist / phyllite here, gradational contact. Sp = 067/76

64 - No o/c, but definitely phyllites all the way upslope from the saddle. Grey to brownish and green weathering. Rocks look more lineated than foliated (L>S).

65 - Linear indent on ridge, possible fault. Fault = 070

66 - Rocks are weathering more blocky. Possibly biotite forming in phyllites to schists. L>S, L fabric is kinked but generally trend taken. L = 340-23

67 - Phyllites. S=L. Sp = 155/57

68 - Still in phyllites. S=L. L = 145-22. Sp = 145/69

69 - Still mostly in phyllites, possibly dropping in grade a little, this o/c is more of a chloritic slate. Primary fabric is folded gently (amplitude <1cm on 20cm wavelength) and shallow about F = 340-15. A well-developed joint set at J = 090/79. Quartz vein, barren, 20cm thick, Q = 320/20. Sp = 232/48

70 - Same green rocks as before but very hard, blocky weathering, and massive, likely silicified. Some minor potassic veining / alteration.

71 - Crenulated L>S, chloritic phyllites. Fine and larger qtz veins and blebs also deformed. L = 175

72 - Crenulated L>S, chloritic phyllites. Crenulations to the mm scale. L = 208-19

73 - 4 unused posts.

74 - Light green weathering phyllites to schists. Sp = 165/26

75 - Chloritic phyllites. S = L. L = 340-09. Sp = 156/31

76 - Into an old trench, large phyllite o/c exposed. L>S fabric. S = 194/20. Also some slip surfaces, direction of movement not known. Fault plane = 150/31. L = 314-17

77 - Qtz boulder train trending upslope at 090. Boulders to 1m.

78 - Pale weathering and very bleached banded siltstone; silicified, quartz stringers and veins cross cut bedding, chloritic surfaces, banding 1-2 mm scale.

79 - Green fine grain mafic dyke, minor hematite, quartz stingers and veins to 2mm, orange halo staining on fresh surfaces. Found in 10m wide talus train extending 60m down slope trending 0 North. No outcrop visible only talus

80 - 20m long bull Quartz breccia talus train. Phyllite remnants.

81 - Chloritic spotted phyllite, bedding parallel to primary foln 240/40. Minor quartz stringers.

82 - 1m x 2m bull quartz vein in phyllite country rock, minor phyllitic inclusions, no visible mineralization.

83 - Fissile chloritic silicified phyllite. Bedding parallel to primary foln Sp-200/82.

84 - Massively bedded crenulated chloritic phyllite, quartz-feld veining and blebs on fresh surfaces. Quartz veins on the 10cm x 10cm scale. Sp=320/50

85 - Beginning of slate unit. Drk grey weathering, fissile. Sp = 032/39

86 - Slate grades into blocky, chloritic siltstone. Potassic veining common throughout. Often x-cutting fol'n. Potassic joint surfaces, J = 343/50. Sp = 202/55

87 - Change in fol'n. Sp = 188/62

88 - Small, <1m x 0.5m, mafic body. Fine grained, dull brown weathering. No identifiable mineralogy, remnant hbl, chloritized.

89 - Refolded, crenulated fabric --> 3 phases deformation. Crenulation oriented 005 or 185, doubly plunging. Last phase likely around horizontal FA trending 120.

90 - No o/c, blockier dark green siltstone giving way to lighter weathering phyllites.

91 - Crenulated chloritic phyllites. FA = 075-27. Sp = 126/23

92 - Light green weathering carbonaceous siltstone. Reacts vigorously on fresh and weathered surfaces but is not weathering like pure limestone.

93 - Anomalous radioactivity in large boulders on grassy slope. Background 120-150cps, anomalous values > 400cps over 10m of float up to 2400 cps. Assay taken from hottest boulder Deer -06 -19. Potassically altered boulders with some brecciation. Rocks are blocky and hard. Country rocks are green siltstone, some carbonaceous. Mosquito Showing.

94 - Interbedded carbonate and carbonaceous siltstone. Sp = 012/42

95 - In a draw, no o/c, all phyllite.

96 - Cream to pale green weathering siltstone. Sp = 240/69

97 - No o/c, some sub-crops here, green crenulated siltstone to phyllites.

98 - Again, not good o/c but consistent enough. Green to grey phyllites. Sp = 204/46

99 - Variable fol'n averaging 280/36 in cenulated phyllites. FA ~ 180 - horizontal.

1 - Chloritic Siltstone, sheated quartz veining crosscuts primary foliation (192/82) veins are 1cm wide spaced every 20 cm. Minor rusty staining on fresh surfaces. Sp - 105/31

2 - Contact on slope between black shales with minor potassic alteration and interbedded cherty dolomite / pale weathered chloritic siltstones. Dolomite weathers recessively to a rusty brown. Sp - 90/Vertical

3 - Silicified breccia, quartzite matrix remnant banded country rock inclusions. Minor potassic alteration in siltstone clasts. Massive structure. Rusty dolomite inclusions

4 - Breccia body. Quartzite matrix, potassically altered zenoliths, country rock inclusions with visible remnant bedding. Angular clasts up to 25 cm.

5 - Chloritic rusty banded siltstone, trace potassic alteration, minor rusty staining. 2cm wide quartz veins 2m long parallel to primary foliation. Chloritic alteration on edges of quartz veins. Sp - 105/41

6 - Breccia body. Silicified siltstone, quartzite matrix. Trace hematite mineralization. Angular country rock clasts up to 4cm. Extends from top of ridge as a boulder train.

7 - Chloritic banded siltstone, minor potassic alteration, minor quartz stringers, patchy hematite mineralization, rusty orange staining on fresh surfaces. Sp - 120/vertical

8 - Breccia body. Ankerite inclusions. Country rock fragments up to 20cm. Trace hematite mineralization. Potassic and chloritic alteration.

9 - At contact of chloritic bleached pale green banded siltstones. Sp - 042/45

10 - Contact of chloritic siltstone and slate.

11 - Dk grey platey slate/phyllite, very fine fissile plates, minor brown / rusty staining on primary foliation. Sp - 039/36.

12 - Chloritic phyllite, minor quartz potassic veining. 2 phases of deformation / folding.

13 - interbedded cherty dolomite / pale weathered chloritic siltstones. Dolomite weathers recessively to a rusty brown.

14 - Green banded chloritic siltstone, minor quartz stringers crosscut bedding, patchy potassic alteration. Talus not in outcrop.

15 - Grey to dk grey, silicified banded siltstone, minor rusty staining on weathered surfaces. Talus not in outcrop.

16 - Talus grades to a green silicified chloritic phyllite, bright orange staining on fresh surfaces. Quartz-feld veins to 2mm parallel to bedding, trace biotite. Exposed surfaces weather pale.

17 - Grey to dk grey, silicified banded siltstone, minor rusty staining on weathered surfaces. Banding is less strongly developed and slightly deformed. Talus not in outcrop.

18 - Possible drill pad at base of mountain of main road.

19 - Light grey to green weathering chloritic schist eroding in < hand sized flat pieces. Spotted with a round, green porphyroblastic mineral <2mm in diameter, possibly chloritoid or chlorite after ?? Sheeted quartz veins < 1cm, spaced at 10-20cm, striking 200/86. Not in this o/c but proximal in talus are cream weathering magnetite schists, chlorite after magnetite porphroblasts in chloritic rocks possible. Sp - 105/31

20 - Road is trending 155 here and 50m stretch of the roadcut contains larger, massive, potossically altered and/or bleached boulders. Some boulders made up of breccia, up to 20cm angular clasts and abundant specular hematite. Unit is lower in metamorphic grade here, chloritic phyllites and lighter phyllite interbeds. This sharp grade change could be a result of faulting (intraformational). Change coincides with apperance of potassic boulders, possibly the potassic system is taking advantage of this fault.

21 - Small v.f.g. mafic dyke, only minor phenocrysitc magnetite, but lots finely disseminated. Weathers typical red/brown, likely <40cm. Country rock same, chloritic phyllites, with minor potassic veining. Dyke - 070/34.

22 - Entire talus slope from previous station predominantly green weathering chloritic phyllites interbedded with <30% cream weathering phyllites. No o/c.

23 - Small hand trench ~1m. Slightly elevated readings above 120cps background to <220 cps. Chloritic phyllites with minor potassic veining on Sp surfaces. 3 more pits at 215 degrees upslope separated by ~6m each. Similar readings.

24 - Light green weathering chloritic phyllites to slates. Sp - 165/27

25 - As above, slight change in strike (both measurements in fairly small o/c's, in-situ?). 40m down ridge is a quartz train trending 080 degrees for 15m down south slope for 15. Boulder >1m. Quartz Train = 080

26 - As above, light green phyllites, change in strike. It's raining. Sp - 140/59.

27 - Brown weathering, f.g. mafic boulders. Carbonate coating on one surface, drusy, colliform.

28 - Dark green chloritic phyllites / siltstone. Potassic veins on Sp up to 5mm thick with some irregular cross-cutting. Sp - 125/74.

29 - No o/c, talus only. Getting into a blockier unit, banded siltstones. Light and dark (chloritic) bands on a <1cm to mm scale. Same as unit at Deer 1 showing. No contact visible in talus, transistion seems smooth in slope, conformable? trench mixing?

30 - Quartz-Potassic boulders. Radioactivity to 300 cps on large boulders. Quartz-Feldspar matrix, hematized inclusions, remnant chloritized banded country rock.

31 - Blocky weathering green to grey chloritic banded siltstone; minor potassic alteration on joint surfaces; banding on the 1-2 mm scale, bedding is parallel to primary foliation. J1 joint is poorly developed 121/50. Sp - 190/49.

32 - Knarly bull quartz and phyllitic breccia; trace biotite and muscovite, chloritized phyllitic inclusions.

33 - Gradational contact between blocky banded siltstones and phyllites.

34 - Gradational contact between blocky banded siltstones and phyllites.

35 - Grey weathering chloritic siltstone, minor brown staining on weathered surfaces; bedding parallel to primary foliation.

36 - Gradational contact between blocky banded siltstones and phyllites.

37 - Silicified, chloritized, banded siltstone, quartz and potassic stringers crosscut bedding, blocky weathering, banding on 1-2 mm scale, minor potassic alteration on primary foliation, bedding parallel to primary foliation Sp - 265/57, J1 joint well developed 170/18.

38 - Bull quartz vein, chloritic veining and stringers, chloritic greasy dk green to black coating on the margins of the vein, appears to be unmineralized.

39 - Gradational contact between blocky banded siltstones and phyllites.

40 - Bull quartz vein, chloritic veining and stringers, chloritic greasy dk green to black coating on the margins of the vein, trace platey hematite.

41 - Potasslicaly altered sediments, quartz feld veining and pockets, country rock is bleached and chloritized, visible remnant bedding, hematized inclusions. Sp is parallel to primary foliation Sp = 060/57.

42 - Potassically altered sediments with quartz-feld veining, greasy black chloritic staining on boulders to 650cps, hematized surfaces, country rock is bleached, bedding is visible.

43 - Quartz-Potassic float boulders. Radioactivity to 1300 cps on large boulders. Quartz-Feldspar matrix, hematized inclusions, remnant chloritized banded country rock. Highest counts on potassic sediments with greasy chloritized surfaces and hematization.

44 - First appearance of dolomite in talus. Boulders are made up of 80:20, dolomite to cherty (<1cm) bands. S of here is interbedded green and light weathering spotted schist. These are also interbedded within the dolomite unit on a larger scale. Total thickness of dolomite <30m.

45 - 30m south and to this point is a mixture of silicified boulders, breccia, spotted schists and the apearance of an evevenly layered qtz/siltstone (drk grey and white). I would consider this mostly a breccia interval and this station is the contact with spotted schists to the N. Spotted schists now contain a <3mm, round, white mineral, cordierite? Sp - 115/80.

46 - Isolated breccia body (1m x 1m) in o/c. Spotted schists of two varietites, purplish/brown and light weathering with a white porphyroblastic mineral and darker green with a near black porpyroblastic mineral. Sp - 045/vertical

47 - In the first trench below the uppermost road. Lots of breccia boulders, predoominantly schist. Sp - 240/66.

48 - Anamolous radioactivity up to 800 cps on greasy black chloritic surfaces of potassically altered rock. Assay Deer - 06 - 17. Schist country rock. Sp - 032/40.

49 - W end of next trench down. Lighter weathering siltstone (compositional likely, grade no). Sp - 080/55

50 - Schist continued. Sp - 242/30

51 - Schist continued.

52 - Loads of breccia in talus with banded spotted silstones to the east. This spot and 8m downslope is outcropping breccia. Ranges from small the large country rock fragments (>20cm). Breccia contains ankerite, very little cement and some rare specular hematite. After this point there is no breccia W in the talus.

53 - Blockier, darker green, more weakly spotted schists, looking more like the chloritic banded siltstones. Sp - 088/31

54 - Breccia in talus again but upslope nothing. Still in spotted schists

55 - Main breccia body as previously mapped. Extends in o/c ~ 20 m upslope (S) and at least 15 m E. Appears massive, no trend to the body, a plug?

56 - W limit of breccia body in trench, or at least a visible contact with dark green, blocky weathering schists to phyllite. Just 5m to the ~ W. Small fold. Sp = 052/42

57 - Breccia dyke or sill. Roughly following foliation. Sp = 262/46

58 - Outcroping breccia on ridge. Up to 10m either side of ridge and down ridge. Upslope (overlying) is spotted schists.

59 - Into spotted schists again. Breccia contact is likely upslope within 5 m. Sp = 305/65

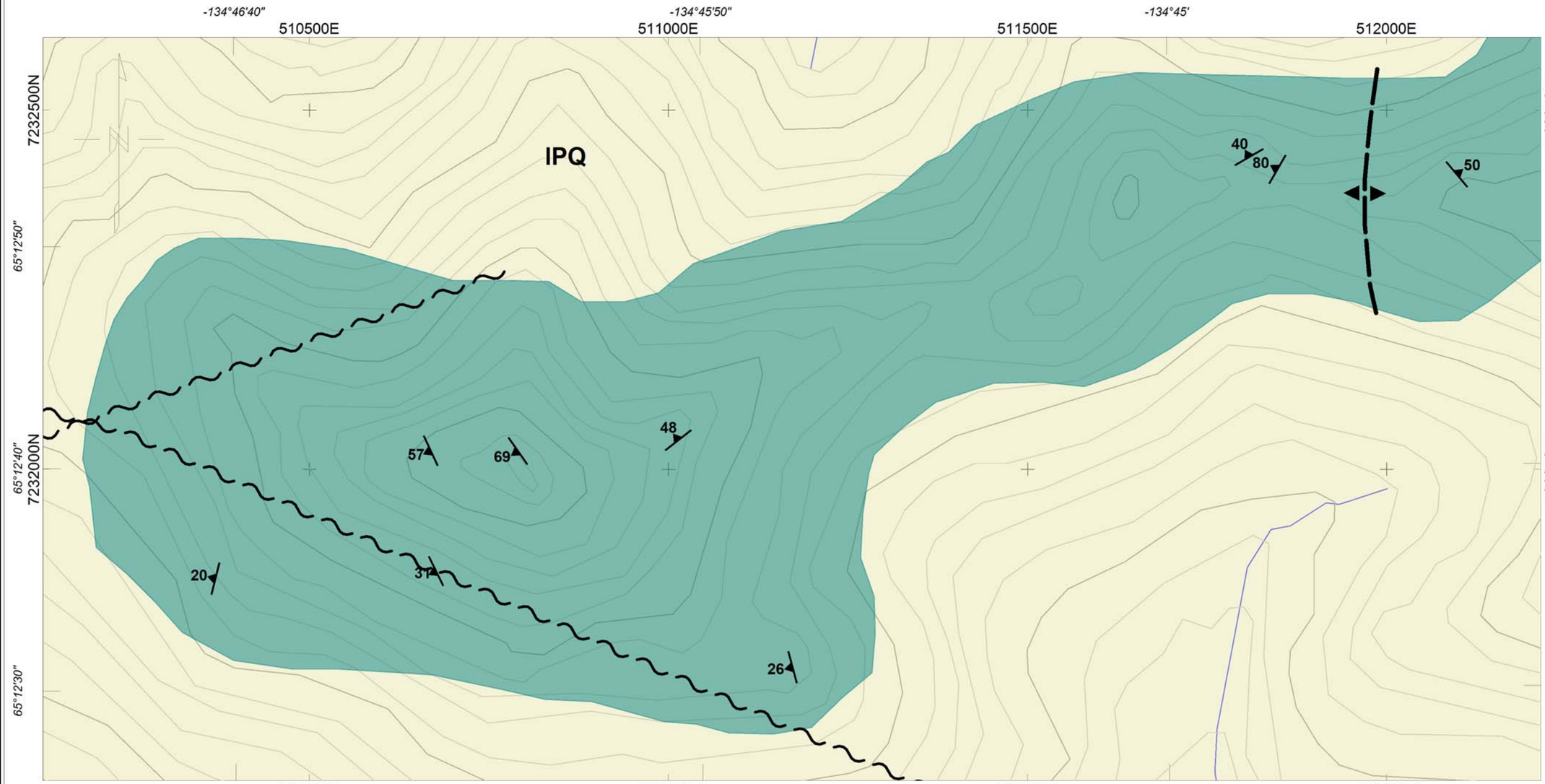
60 - outcropping dolomite. Only 1m true thickness in this o/c, the amount seen contouring in talus downslope could be decieving. Lots of meta min growth. Stubby and white weathering, up to 6mm, green on fresh surfaces, likely diopside. Sp = 230/50

SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 5A. DEER AREA GEOLOGY MAP

NTS: 106E02 Mining District: Mayo
Datum: NAD83 Projection: UTM Zone 8N
Date: Dec 4 2006 Job: SGN-06-03-YT

Aurora Geosciences Ltd



Phyllite

IPQ - Lower Proterozoic Quartet Group

24 Bedding Attitude

Fault

Fold

Scale 1:6000

100 0 100 200 300

metres

NAD83 / UTM zone 8N

SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 5B. EAST DEER GEOLOGY MAP

NTS: 106E02
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd

509000E -134°48'20" 509250E 509500E 509750E -134°47'30"

7233000N 65°13'10"

7232750N 65°13'

IPQ

55 48 40 56 30 55 62 39 46 90 65 50 80 90 76

Dolomite
Siltstone
Shale
Schist
Breccia

IPQ -Lower Proterozoic Quartet Group

DEER 2 Showing Trench Location

24 Bedding Attitude

Lithological Contact

Fault

Fold

Scale 1:3000

50 0 50 100 150

metres

NAD83 / UTM zone 8N

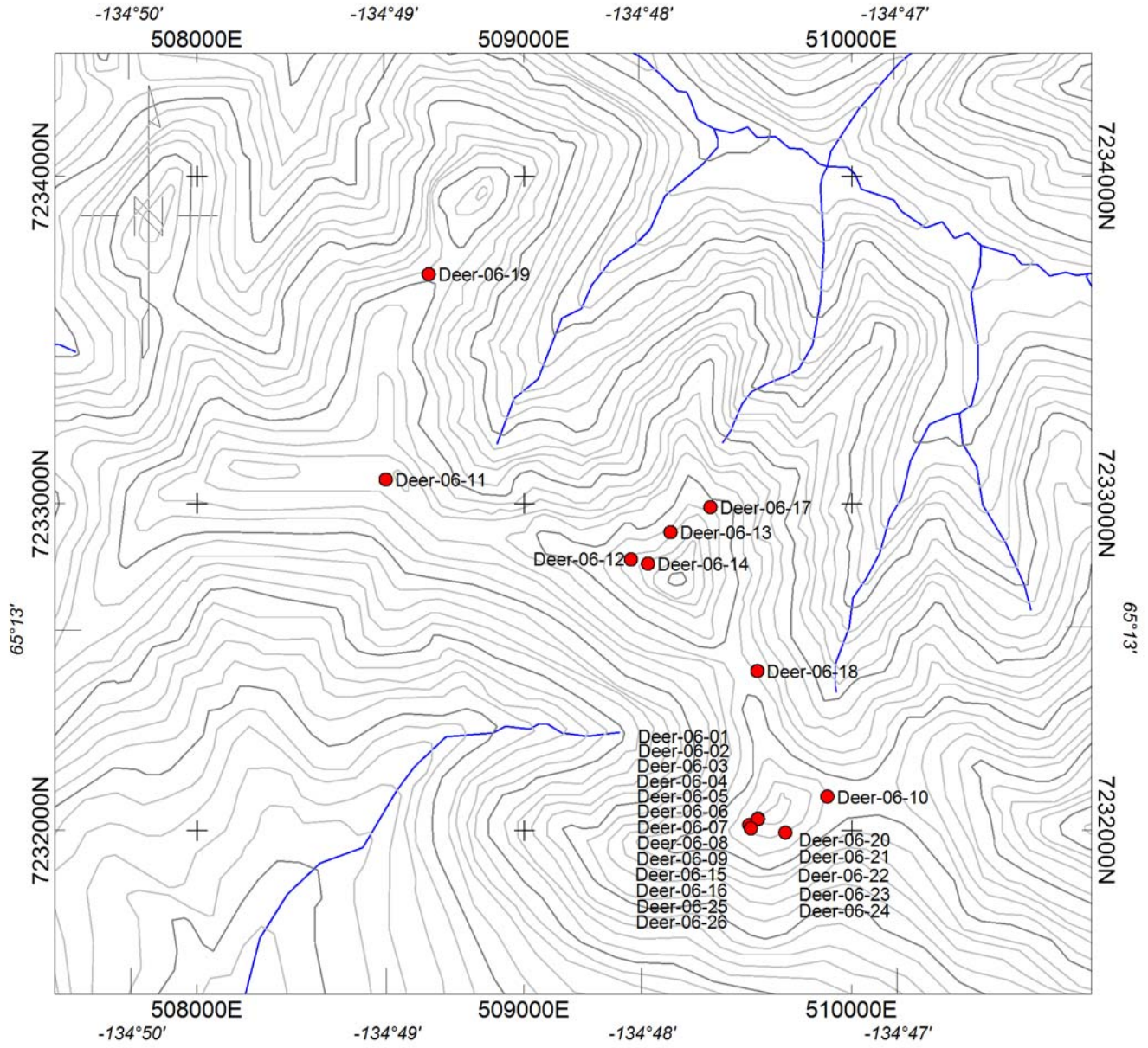
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 5C. NORTH DEER GEOLOGY

NTS: 106E02
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



Sample #	Sample Type	Cu ppm	Cu ppm	Au ppb	LOI %	Cu wt %
DEER-06-01	Rock 3.6m Chip	18	5870	<2	0.114	
DEER-06-02	Rock 3.6m Chip	16	8710	<2	1.67	
DEER-06-03	Rock 3.6m Chip	1	365			
DEER-06-04	Rock In Situ Grab	17	7110	<2	0.762	
DEER-06-05	Rock In Situ Grab	14	7430	<2	0.826	
DEER-06-07	Rock In-Situ Grab	12	9840	<2	0.447	
DEER-06-08	Rock In-Situ Grab	11	2580		0.357	
DEER-06-09	Rock In-Situ Grab	25	7600	<2	0.802	
DEER-06-10	Rock Float Grab	1710	11	300		
DEER-06-12	Rock In-Situ Grab	5980	7	22		
DEER-06-16	Rock In-Situ Grab	1	2	266		
DEER-06-17	Rock In Situ Grab	11	465	3		
DEER-06-19	Rock Float Grab	1	249	2		
DEER-06-20	Rock 3.6m Chip	5	3160	<2		
DEER-06-21	Rock 2.0m Chip	3	2220	<2		
DEER-06-22	Rock 2.0m Chip	1	280	<2		

Scale 1:20000

250 0 250

metres

NAD83 / UTM zone 8N

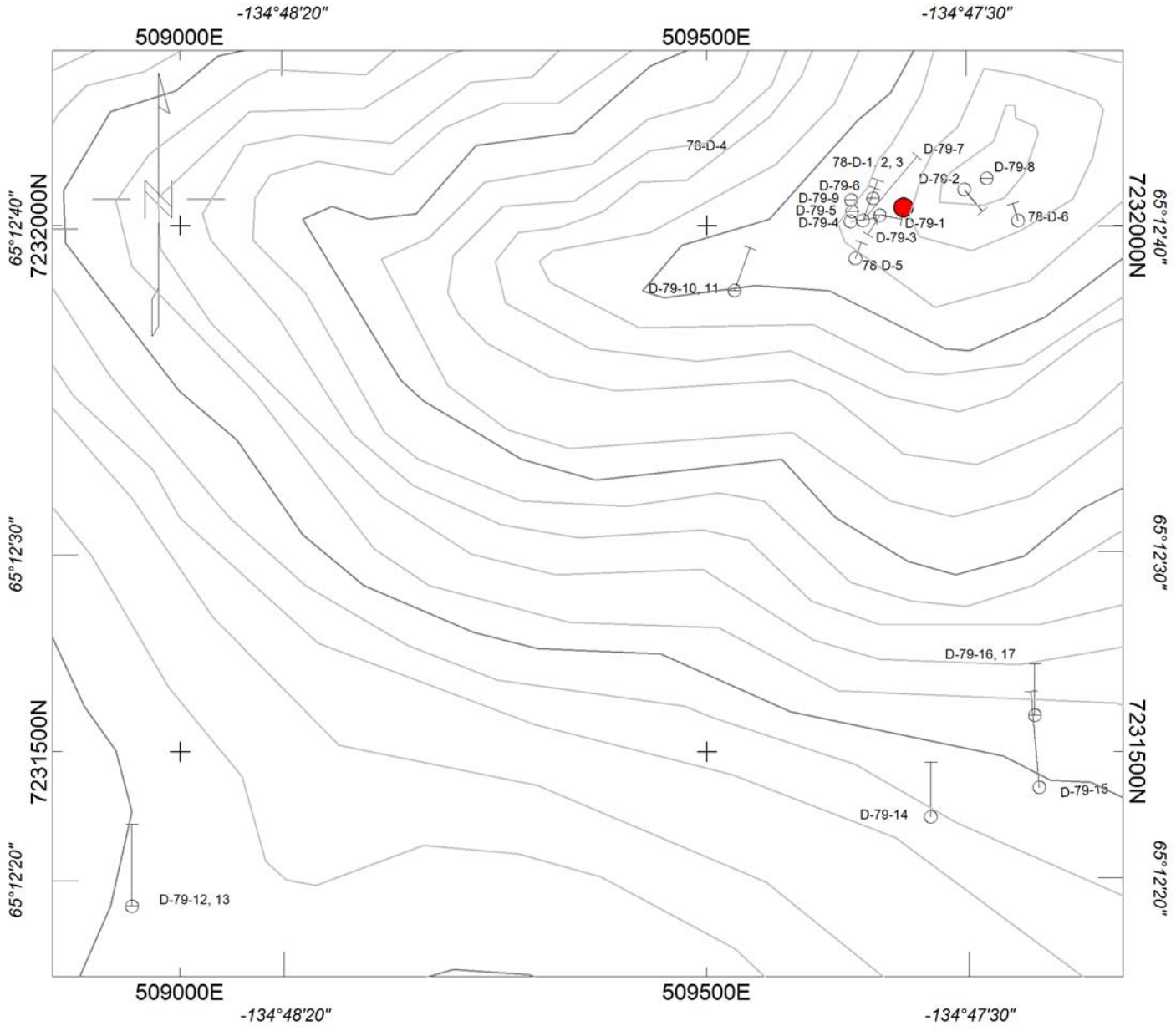
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 5D. DEER AREA SAMPLE LOCATION MAP

NTS: 106E02
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



Hole	Depth (m)		Hole	Depth (m)
D-79-1	44.8		D-79-13	121
D-79-2	53		D-79-14	80.8
D-79-3	43.3		D-79-15	183.5
D-79-4	48.5		D-79-16	75.2
D-79-5	51.8		D-79-17	238.8
D-79-6	115.8		78-D-1	55.8
D-79-7	46.5		78-D-2	78
D-79-8	43.3		78-D-3	124.7
D-79-9	65.7		78-D-4	197.5
D-79-10	104.8		78-D-5	38.1
D-79-11	86.4		78-D-6	40.5
D-79-12	94.8			

● **Deer Showing**

Scale 1:6000

100 0 100

metres

NAD83 / UTM zone 8N

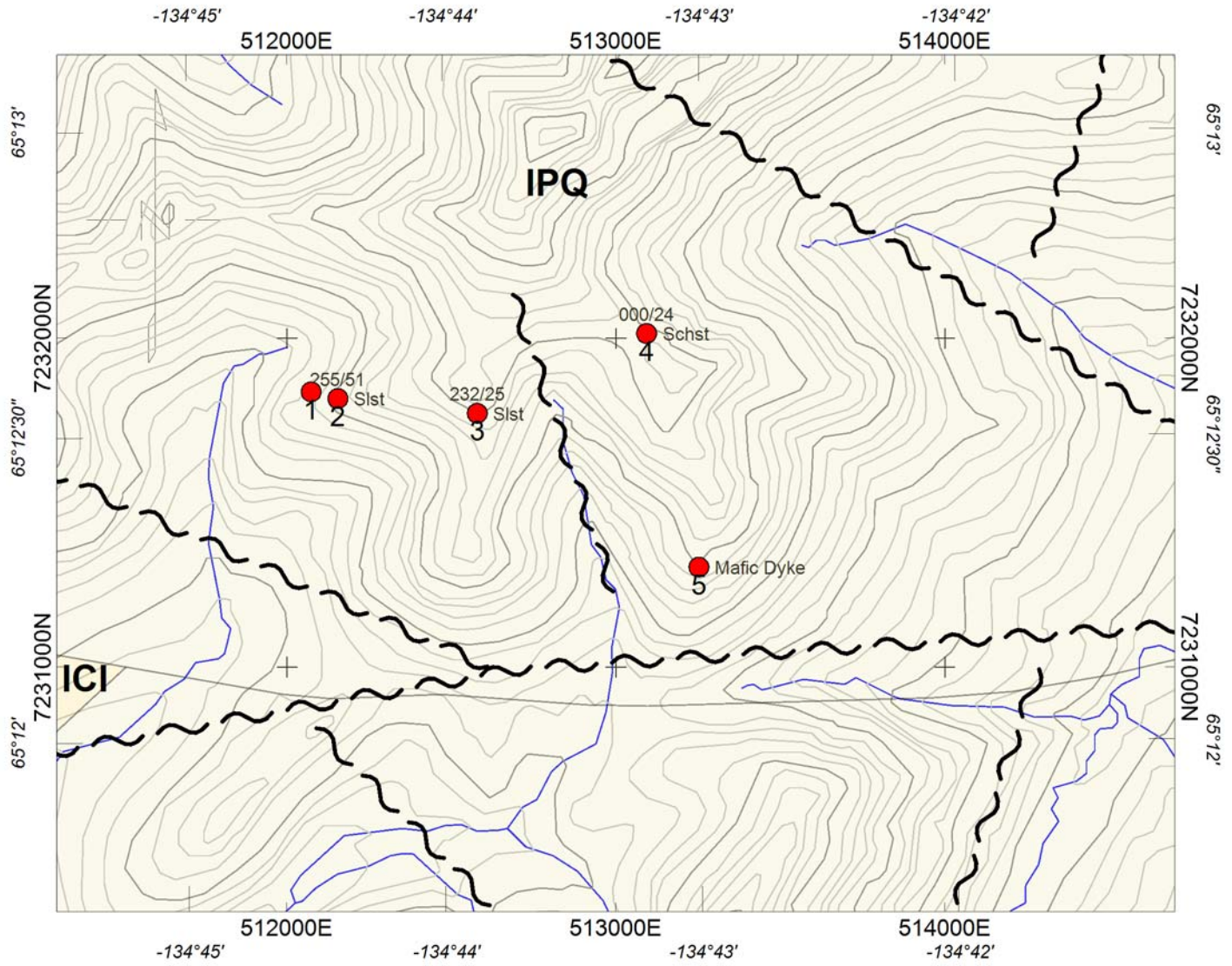
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 5E. HISTORIC DEER DRILLING MAP

NTS: 106E02
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



1 - Trench dug to a depth of 2m, bedrock was lot reached. Trenches contain gravel, light to dark siltstones, and felsic quartz boulders

2 - A very small 1m x 1m poorly exposed outcrop on trench floor. Green to dark green banded chloritic siltstone. Bedding crosscuts strike. Rusty brown to limonitic staining on primary foliation Sp 255 / 051. No elevated radioactivity

3 - Dark green banded chloritc silicified siltstone, minor quartz stringers. Bedding parallel to primary foliation Sp 232/025. Primary foliation weathers brown with a phyllitic appearance. A Discreet joint is moderately well developed and has patchy surficial potassic alteration, and quartz. No elevated radioactivity at this location

4 - Very poor bedrock exposure. A small 2m x 1m outcrop, grey green chlorite schist, minor rusty weathering. Bedding is parallel to primary foliation Sp 000/024. No elevated radioactivity

5 - Attempt to locate source of mag / em anomalies south east of Darney trenching. The area is a grassy alpine slope with gravels and talus patches. Talus consists of rusty orange / red hematitic stained sediments including bleached pale green and banded siltstones. Talus also contains boulders of dk green mafics with disseminated magnetite

IPQ - Lower Proterozoic Quartet Group

ICI - Lower Cambrian Illtyd Suite

Scale 1:20000

250 0 250 500

metres

NAD83 / UTM zone 8N

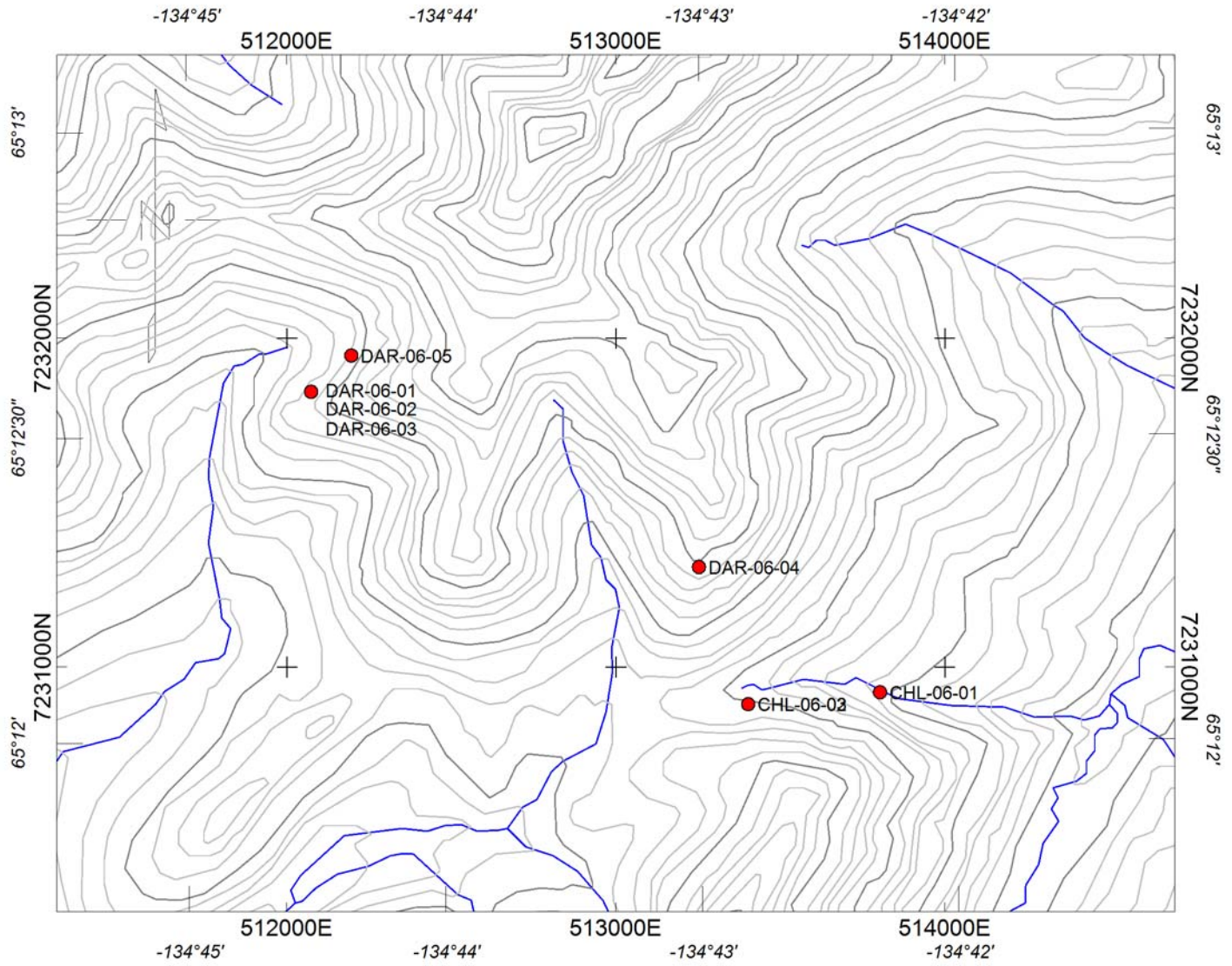
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 6A. DARNEY AREA GEOLOGY MAP

NTS: 106E02
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
DAR-06-03	Rock Float Grab	862	4220	96	0.511	
DAR-06-03 R	Rock Float Grab	870	4106	98	0.505	
DAR-06-05	Rock Float Grab	85	770	13		

Scale 1:20000

250 0 250 500

metres

NAD83 / UTM zone 8N

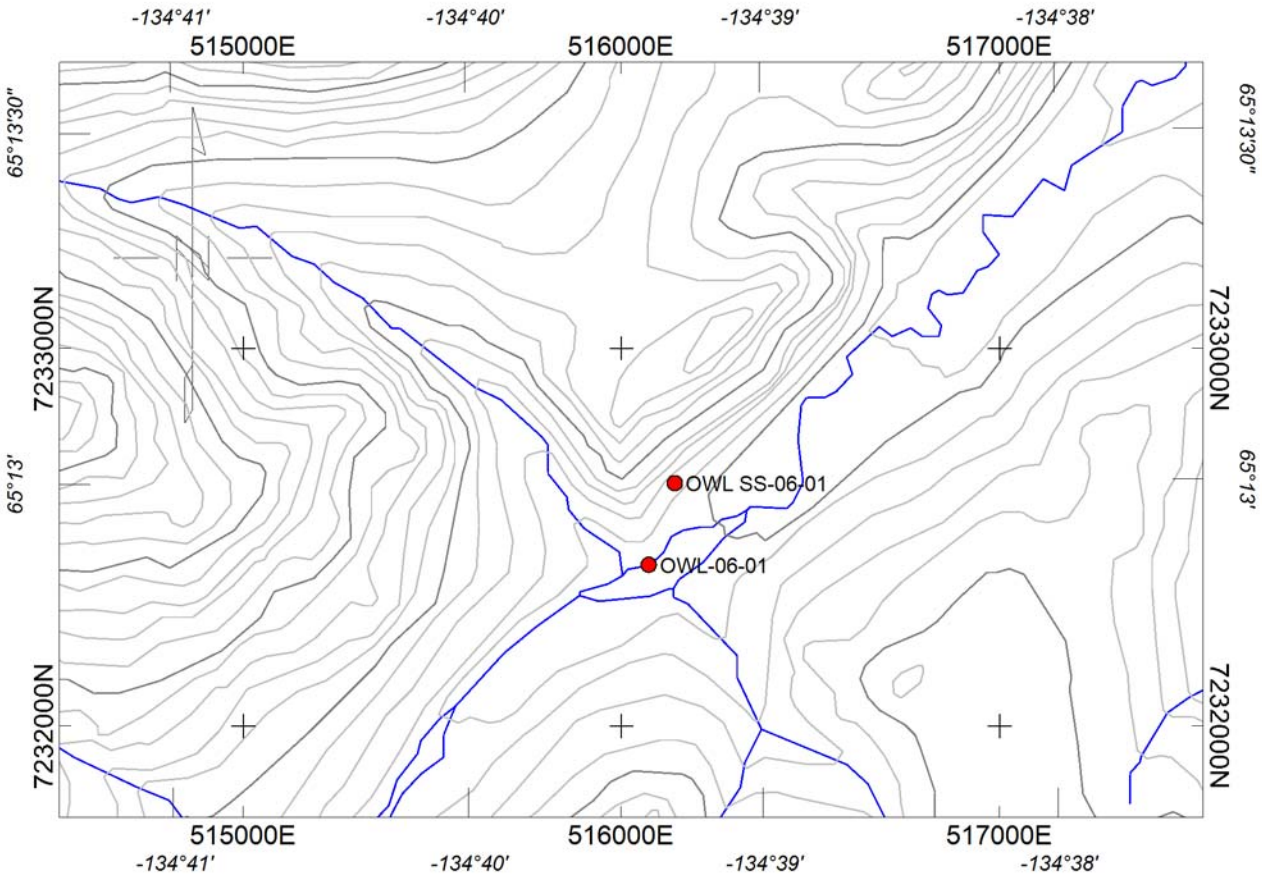
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 6B. DARNEY AREA SAMPLE LOCATION MAP

NTS: 106E02
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8 wt %	Cu wt %
OWL-06-01	Rock Float Grab	805	<2	5		

Scale 1:20000

250 0 250

metres

NAD83 / UTM zone 8N

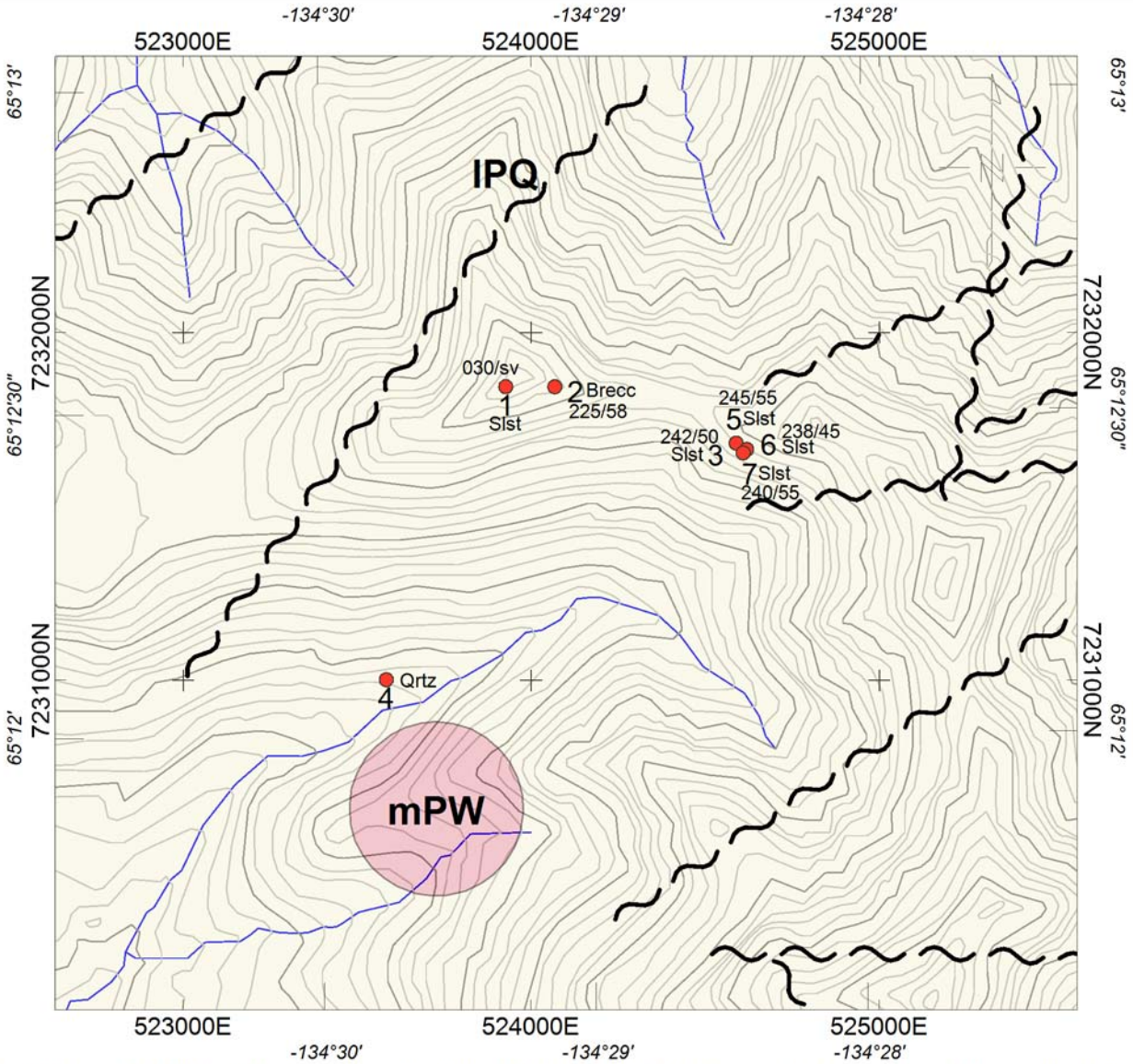
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 7. OWL AREA SAMPLE LOCATION MAP

NTS: 106E02
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



1 - Start traverse in black to brown bedding parallel siltstone with some cherty layers. Some beds on cm scale. Sp 030/subvertical. 75m mafic dyke, some veining quartz and quartz feldspar. Edge of mafic, gas pocket and hematite breccia

2 - Dolomitized breccia, back into green weathering siltstones. Into a green black very finely bedded phyllites 225/058, S1 225/55, F2 313/28

3 - Bleached pale green banded siltstones Sp 242/50. At the contact of the showing.

4 - Dropped at gossanous area east of the main Ikona showing, on the same north slope. Collected a float grab sample of a rusty Quartz sample containing trace hematite and chalcopyrite mineralization. A rusty stained, bleached pale green siltstone was collected as a float grab sample from the same gossan.

5 - 4m x 1m outcrop of dk green to black chloritic siltstone, Sp 245/55. Moderately well developed secondary joint surfaces show a patchy potassic alteration, with injections of quartz and feldspar, minor specular hematite is also apparent on this surface, J1 140/70. Poorly developed J2 surface 053/086. No elevated radioactivity.

6 - Exposed podiform outcrop of potasically altered quartz and feldspar, chloritic stringers and specularite mineralization. Radioactivity to 14000 cps. Country rock pale weathering bleached green siltstone patchy potassic alteration. Sp 238/045. The hot zone is massive with minor remnant foliation. On the country rock margin, foliations are intact and bleached. Elevated radioactivity is observed 30cm into the bleached country rock. A discreet joint appears to be controlling structure of mineralized zone 143/vertical

7 - Bleached pale green siltstone. Rusty weathering on primary foliation Sp 240/055. Moderately well developed discreet joints. J1 098/050, J2 324/077. Discreet joints have greasy black chloritic alteration and elongated pods of potassic alteration. Radio activity appears to be associated with a greasy black chloritic alteration up to 1cm thick, on the J2 surface.

IPQ - Lower Proterozoic Quartet Group

mPW - Middle Proterozoic Wernecke Breccia

Scale 1:20000

250 0 250

metres

NAD83 / UTM zone 8N

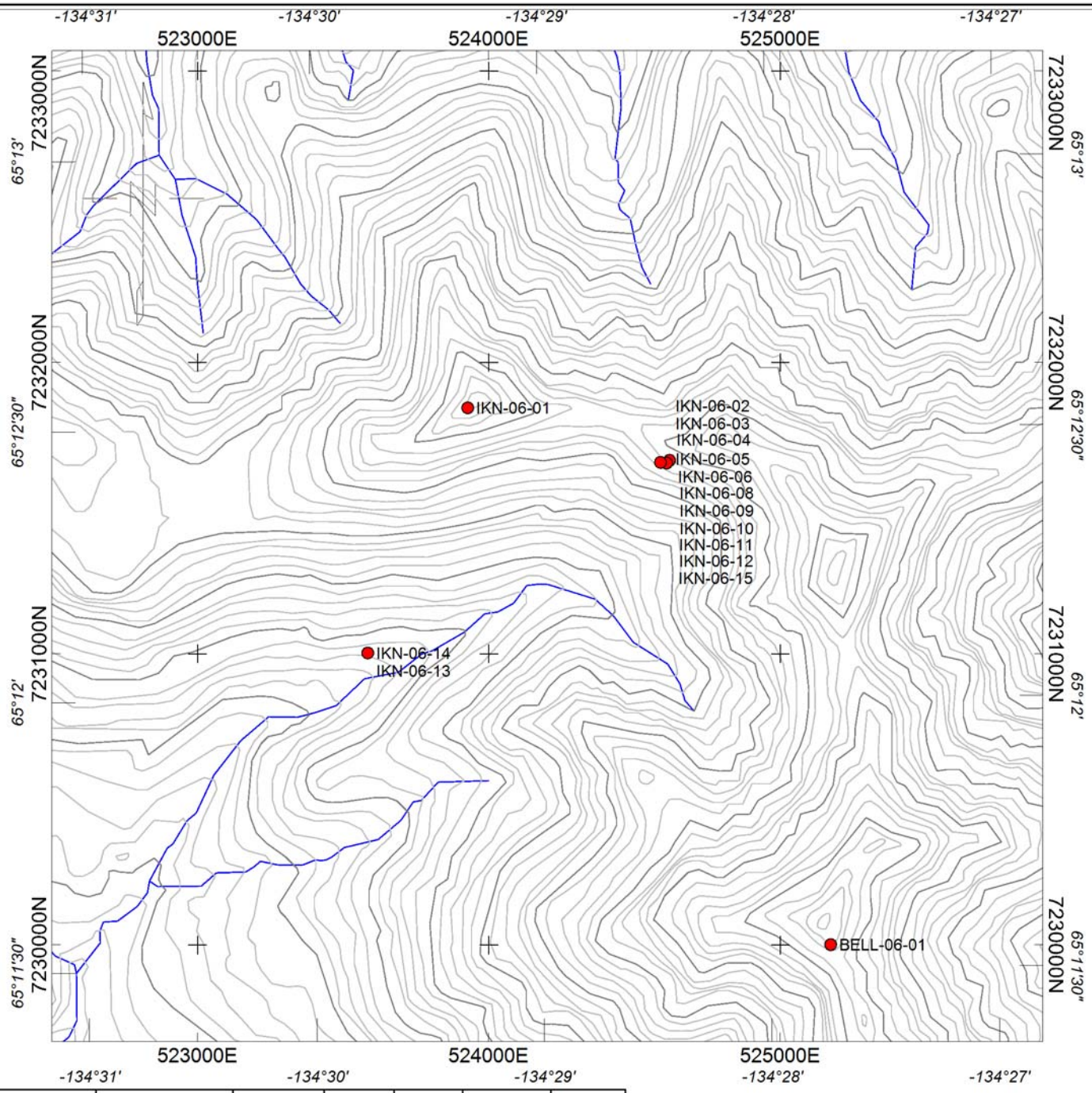
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 8A. IKONA AREA GEOLOGY MAP

NTS: 106E01/02
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8 wt %	Cu wt %
KN-06-02	Rock Float Grab	24	1240	6	0.125	
KN-06-05	Rock Float Grab	128	4080	3	0.476	
KN-06-08	Rock 1.5m Chip	48	2760	5	0.335	
KN-06-09	Rock In-Situ Grab	77	5540	11	0.687	
KN-06-11	Rock In-Situ Grab	565	2350	7	0.296	

Scale 1:20000

250 0 250 500

metres

NAD83 / UTM zone 8N

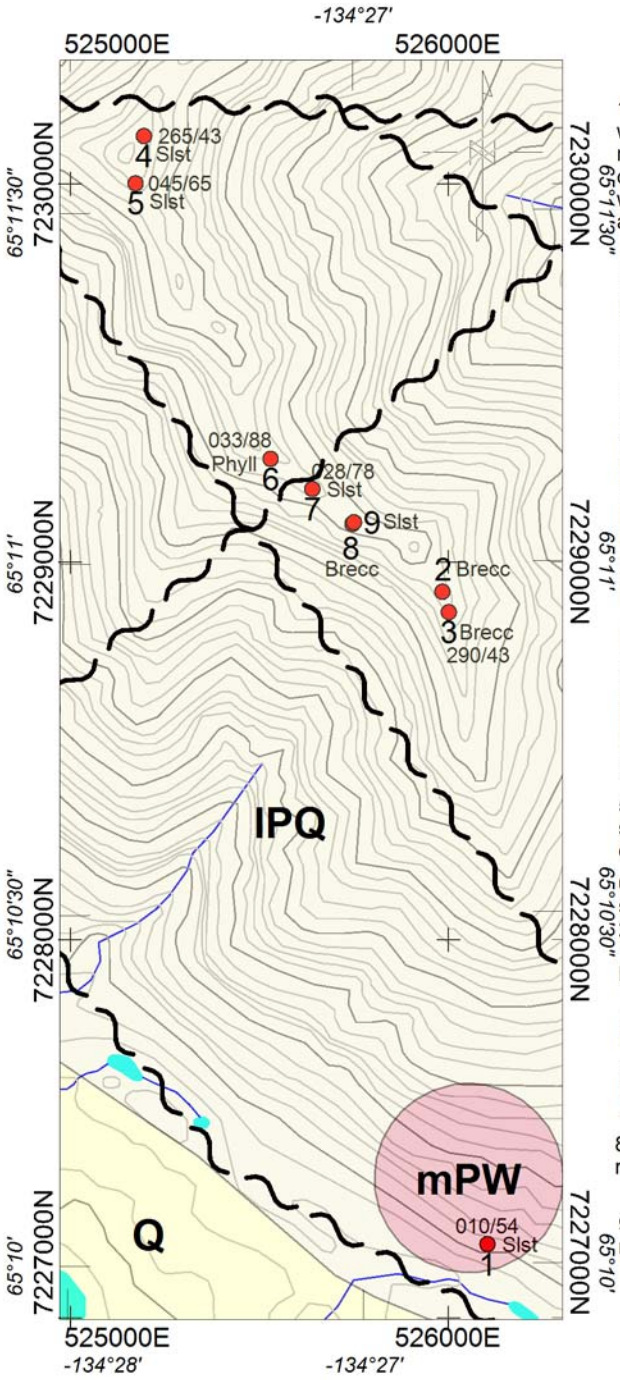
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 8B. IKONA AREA SAMPLE LOCATION MAP

NTS: 106E02/01
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



1 - Carbonate alteration zone (moderate brecciation) in an outcrop ~ 20m high x 5m wide. Rock is weathering light brown, with extensive crosscutting structures releasing rectangular blocks. Remnant bedding in sediments is barely visible, carbonate both on weathered faces and in matrix. 100m upslope the outcrop is made up of pale green weathering siltstones with foliation Sp=010/54. Outcrop contains a 2 x 3m potassic altered zone.

2 - Breccia body with potassic alteration and specular hematite. 10m down ridge entered a mafic body, likely intrusive of gabbroic composition. Rock is medium grained with laths of plagioclase visible (≤ 7mm). Matrix contains little identifiable mineralogy, likely chlorite altered hornblende. Unit contains lighter weathering epidotized zones and crystalline epidote on dry joint surfaces. Unit has ~ 20m of extent along ridge.

3 - Into obvious breccia body. Large angular clasts of country rock up to 50cm, smaller clasts are commonly potassic altered. Breccia matrix is silicic and contains matrix carbonate, and specular hematite. Breccia body varies along ridge from intensive brecciation zones with large angular clasts to bleached silicified zones with specular hematite where foliation is still intact, Sp=290/43. Some of these better preserved zones contain large sillimanite in muddier interbeds that are likely above the regional metamorphic print and related to contact metamorphism. Two small (< 4m) zones along ridge were up of carbonate rocks. It is possible these units were siliciclastic and carbonate altered but the weathering appearance, dull red-brown and recessive with prominently weathering silicic interbeds is typical for carbonate rocks.

4 - A small 1m x 3m outcrop is exposed. Grey silicified siltstone, brown weathering and rusty staining on fresh surfaces. Quartz stringers and 2cm wide unmineralized quartz vein parallel to bedding; chloritic alteration on margin of quartz vein. Bedding parallel to primary foliation Sp – 265/43. Poorly developed discreet joint J1 – 032/88. Brown weathering on both joint surfaces. No elevated radioactivity. 20m further along ridge talus is now a banded chloritic siltstone with minor potassic alteration and rusty staining

5 - Into a outcrop of chloritic banded siltstone with minor potassic alteration and rusty staining. Beddin is parallel to primary foliation, Sp – 045/65. J1 is moderately well developed 315/79. No elevated radioactivity

6 - Into a pale weathering chloritic phyllite, minor brown to rusty weathering, symmetrical micro folding, bedding is parallel to primary foliation Sp – 033/88. 20m along ridge phyllite is becoming less chloritic, still contains rusty weathering, 1cm wide unmineralized quartz vein is apparent. Bedding parallel Sp – 033/vertical. No elevated radioactivity.

7 - Moving into a grey siltstone/argillite, contains quartz, potassic and rusty stringers; rusty staining on fresh surfaces. 20m further down ridge rock is becoming more silicic and weathers pale, brown staining on fresh surfaces. Bedding is parallel to primary foliation Sp – 028/78. A discreet joint is becoming well developed J1 – 130/87. No elevated radioactivity

8 - Move into a Wernecke Breccia body. Quartz matrix, feldspathic, carbonate and rusty inclusions, <2% specularite. No elevated radioactivity.

9 - The Bell Showing is a potassic breccia with brannerite and hematite mineralization, contains quartz veining and hematitic alteration.

IPQ - Lower Proterozoic Quartet Group

mPW - Middle Proterozoic Wernecke Breccia

Q - Quaternary Suite

Scale 1:20000

250 0 250 500

metres

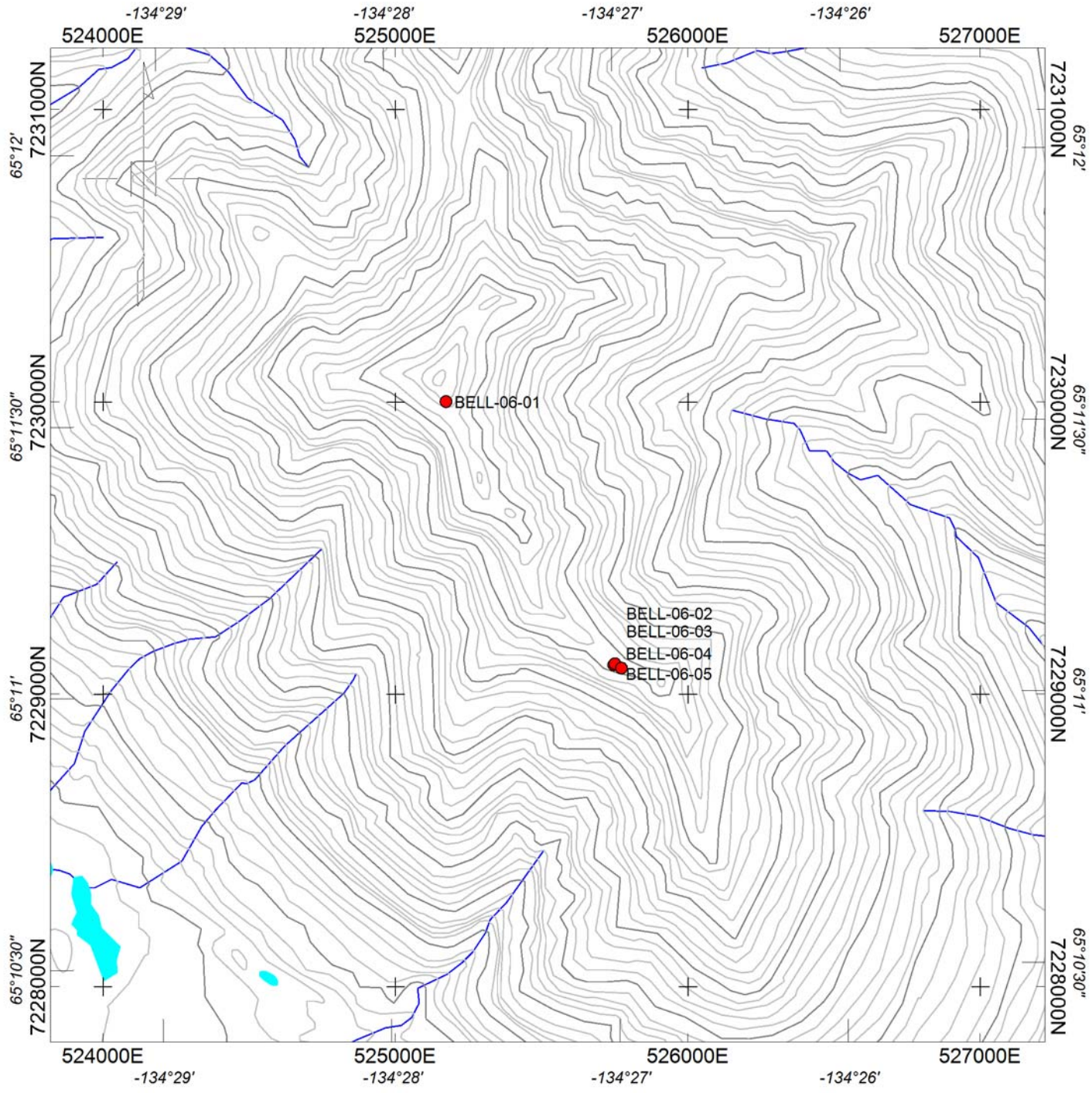
NAD83 / UTM zone 8N

SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 9A. BELL AREA GEOLOGY MAP

NTS: 106E01 | Mining District: Mayo
Datum: NAD83 | Projection: UTM Zone 8N
Date: Dec 4 2006 | Job: SGN-06-03-YT

Aurora Geosciences Ltd



Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
BELL06-03	Rock In-Situ Grab	26	172	15		

Scale 1:20000

250 0 250 500

metres

NAD83 / UTM zone 8N

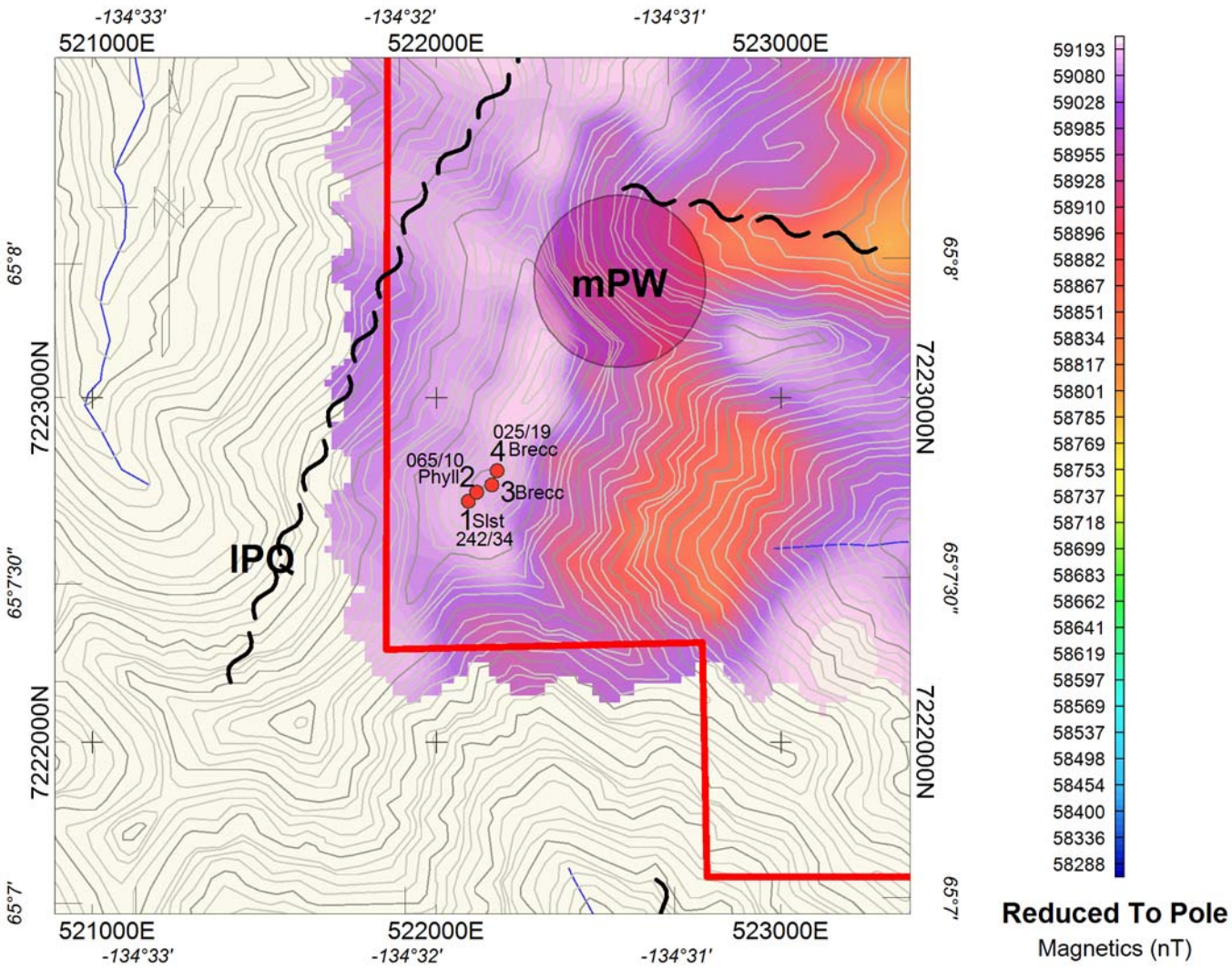
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 9B. BELL AREA SAMPLE LOCATION MAP

NTS: 106E01
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



1 - Buff to pale green siltstones with silicified zones and veins, limonitic staining on fresh surfaces, quartz veining and minor brecciation. Bedding is parallel to primary foliation Sp 242/34. Possible fault running 140 in contact with a flat laying slate.

2 - A unit of chloritic phyllite, very wavy and deformed appearance. Very soft and friable. Bedding is parallel to primary foliation Sp – 65/10. On edge of possible fault. Next unit is massive highly magnetic mafic intrusive running approximately 20m along the ridge.

3 - Into a red weathering, massive, pophyritic Brecciated unit. Rounded to sub rounded jasperoidal clasts. Angular county rock clasts up to 10 cm in a matrix of quartz eyes. Country rock is becoming shot through with potassic veins.

4 - A wernecke breccia body is on the contact with the pophorytic unit. Body contains rounded to subrounded jasperoidal clasts, trace malachite and chalcopyrite mineralization. A sharp contact exists between the pale green / grey slates trending 065. Bedding of slates is parallel to primary foliation Sp 025/19.

Mag and EM anomalies in this area appear to be associated with a highly magnetic Wernecke Breccia and Pophyritic units and siltstones with dissemenated magnetite interbedded in the matrix. No elevated radioactivity was observed in any of the rock units on the traverse.

Magnetics grid data is Reduced to Pole Magnetics

IPQ - Lower Proterozoic Quartet Group
mPW - Middle Proterozoic Wernecke Breccia

Scale 1:20000
250 0 250
metres
NAD83 / UTM zone 8N

SIGNET MINERALS INC.

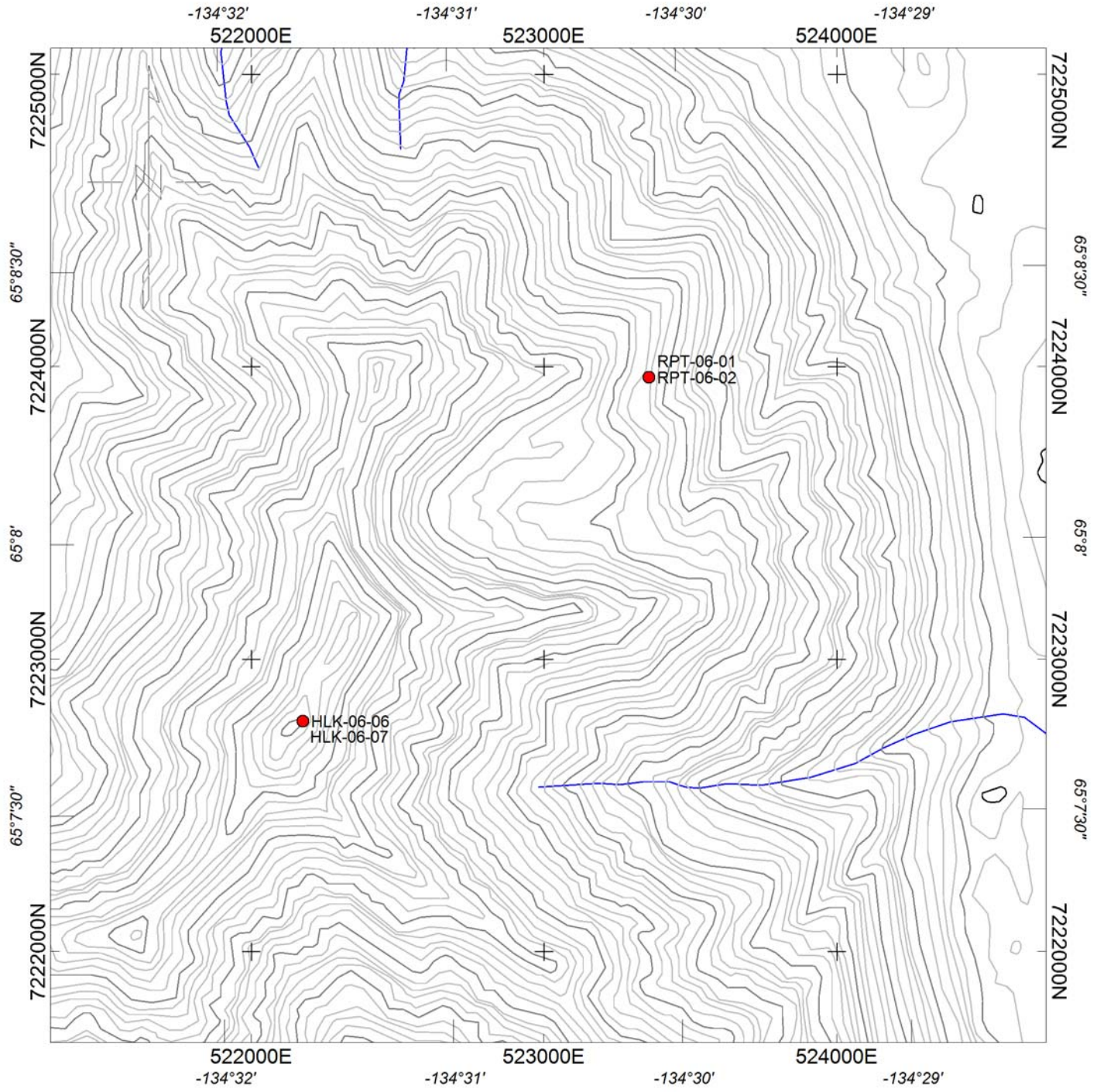
CURIE PROPERTY

FIGURE 10A. RAPITAN AREA GEOLOGY and MAGNETICS MAP

NTS: 106E01
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
RPT-06-01	Rock In Situ Grab	39500	10	91		4.05
RPT-06-02	Rock 0.5m Chip	9030	4	374		0.89

Scale 1:20000

250 0 250 500

metres

NAD83 / UTM zone 8N

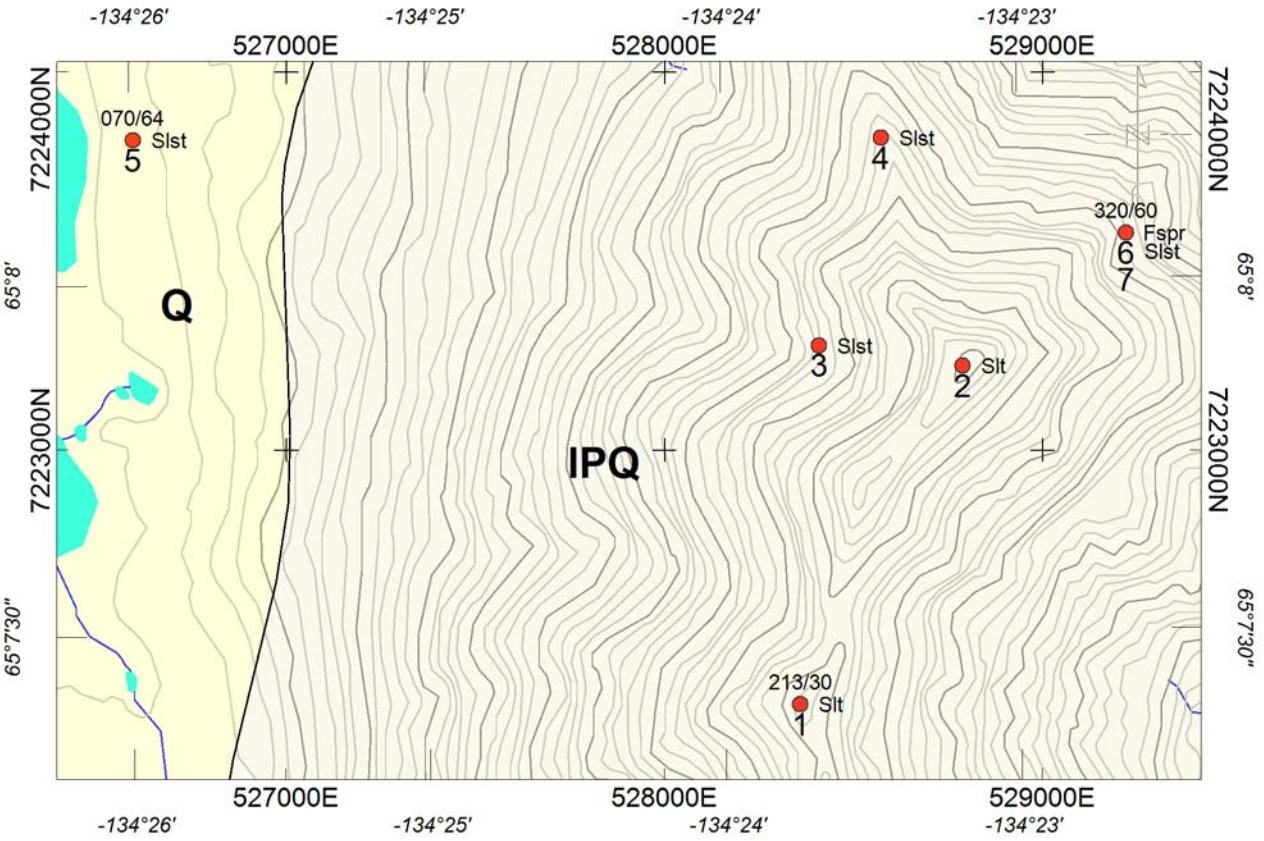
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 10B. RAPITAN AREA SAMPLE LOCATION MAP

NTS: 106E01/02
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



1 - Traverse begins in chloritic slates (Sp=213/30). Minor quartz veining with patchy sulphide mineralization, and minor feldspathic stringers ± magnetite ± specular hematite.

2 - Chloritic slates continued, thin graded interbeds of pale green siltstones. Minor feldspathic stringers.

3 - Pale green weathering siltstones with up to 5% disseminated magnetite both in matrix and on bedding planes.

4 - Old sample location, likely the MINfile showing. Showing is ~ 1 x 1m, with azurite and malachite mineralization. The showing is sitting very near to a contact between the country rock and a breccia body. Breccia body is patchy with some zones appearing relatively homogenous (very small clast size) to zones containing clasts up to 3cm

5 - Potassically altered zone with specular hematite and chloritized country rock (Sp=070/64). Zone is ~ 60cm wide striking ~50º. Approximately 3m of strike extent.

6 - Massive feldspar blowout (>90% k-feldspar) in cliff face ~ 5m wide by 20m high. Extremely course (pegmatitic), weathering light brown, with minor specularite veining. Sample taken of massive feldspar.

7 - Upper contact is along foliation with interbedded silstone-dolomite country rock (Sp=320/60) with little to no alteration. The rest of the intrusion is largely cross-cutting with mineralization occurring only below the body. Mineralization occurs in a dark weathering, vuggy outcrop surface, mostly as malachite with minor disseminated sulphides and specularite. 3 grab samples were taken across strike in the mineralized zone.

IPQ - Lower Proterozoic Quartet Group

Q - Quaternary Suite

Scale 1:20000

250 0 250

metres

NAD83 / UTM zone 8N

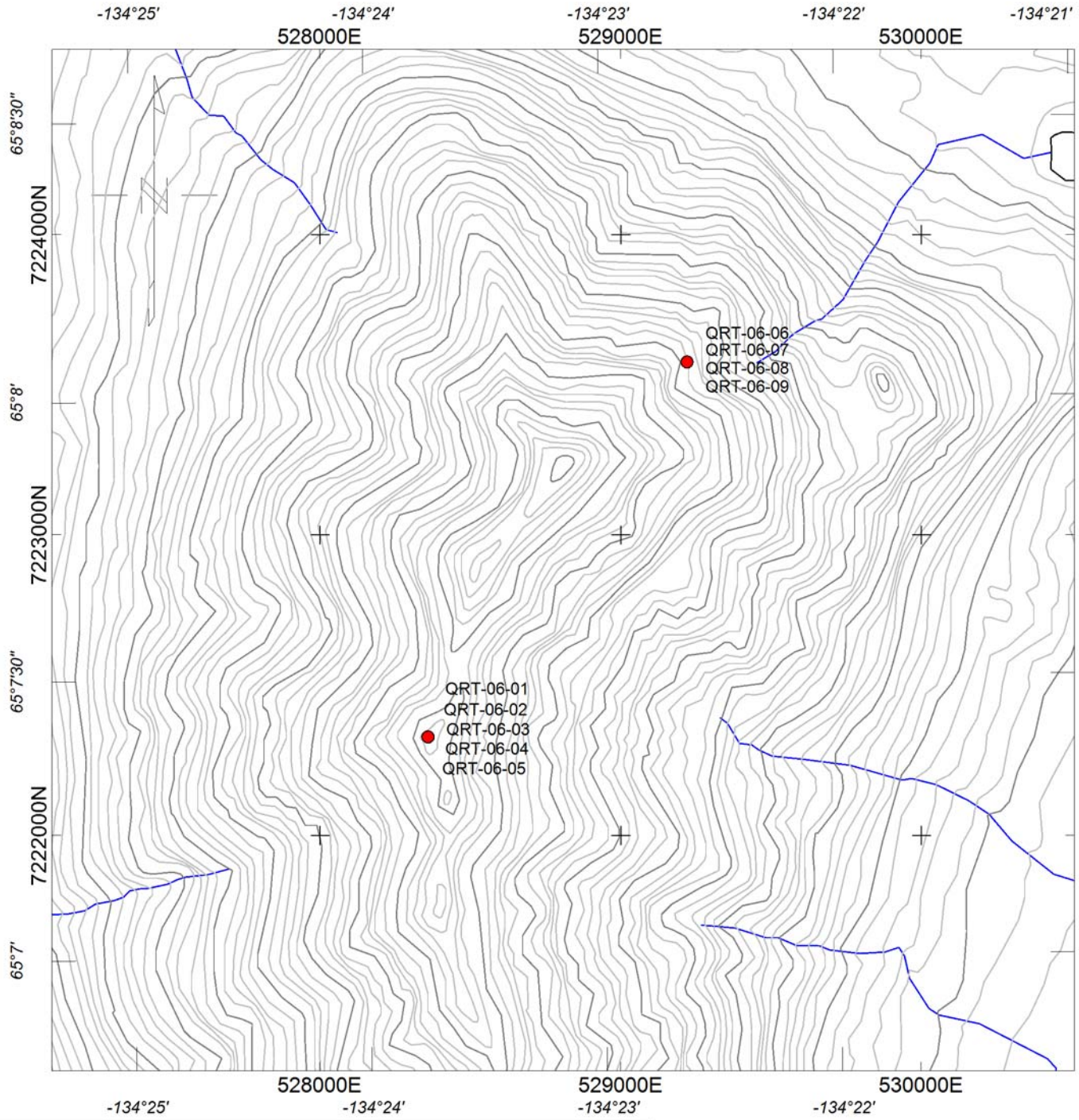
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 11A. QUARTET AREA GEOLOGY MAP

NTS: 106E01
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt.%	Cu_wt.%
QRT-06-01	Rock Float Grab	15900	307	155		1.59
QRT-06-04	Rock Composite Grab	17100	661	61		1.37
QRT-06-07	Rock In Situ Grab	3100	4	<2		
QRT-06-08	Rock In Situ Grab	7730	4	<2		
QRT-06-09	Rock In-Situ Grab	11900	6	33		

Scale 1:20000

250 0 250 500

metres

NAD83 / UTM zone 8N

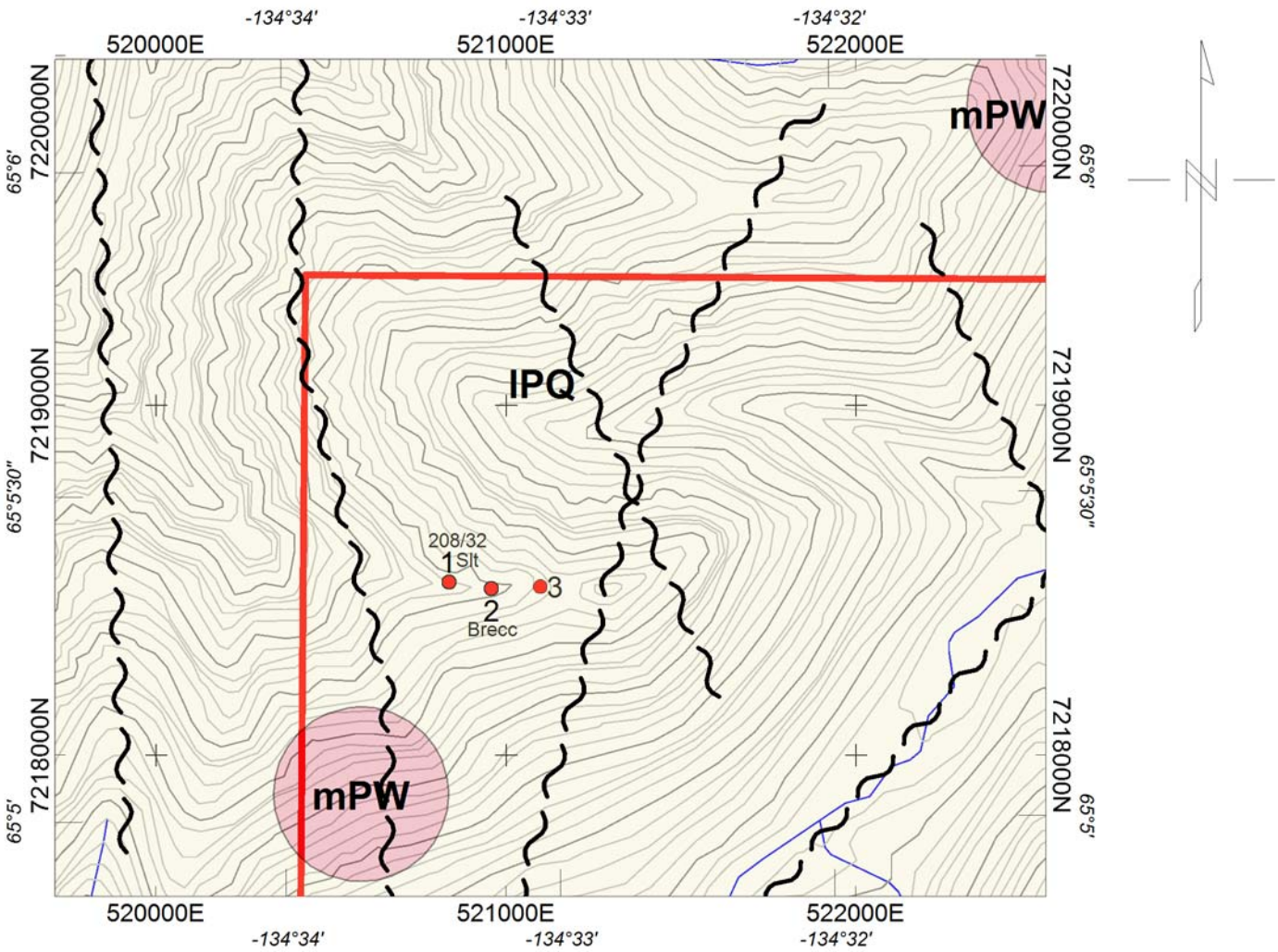
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 11B. QUARTET AREA SAMPLE LOCATION MAP

NTS: 106E01
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



1 - Dark grey slates (Sp=208/32), bedding is foliation parallel. Some rust staining on foliation surfaces. Moderately well developed joint set, 110/27

2 - Mineralized zone on the contact between a magnetite-matrix breccia zone and country rock. Mineralization is found ~ 4m across strike of the Sp in country rocks adjacent to the contact, both within country rocks and as ~ foliation parallel veins containing pyrite and chalcopyrite. Malachite and azurite staining on weathered surfaces.

3 - A 60 m strip map was completed to characterize the zone between station 2 and 3

0 to 8m - Unaltered slates with Sp=195/35, bulk of foliation is bedding parallel but in areas fold closures of bedding can be seen, possibly in larger scale fold closure, scale unknown. Fold, folding foliation (F2 to Sp) with fold axis, 290-40.

8 to 13m - Slates grade sharply into siltstone with dolomite interbeds. Cu mineralization (gossan, malachite-azurite staining), increases towards contact. This zone is where the chip samples were taken from.

13 to 15m - Dolomite bedrock and intense magnetite deposition creating pure massive magnetite zones. Grab sample taken for assay and petrography displaying breccia features and massive magnetite deposition.

15 - 30m - Pale green to grey siltstones, some silicification. Ares of intense magnetite deposition occur at: 19m for 40cm, 23m for 40cm, 27m for 40 cm, 30m for 20cm

30 to 51m - Similar to above 15m. Siltstones interbedded with dolomite. Foliation parallel zones of intense magnetite deposition and brecciation occur at: 34.5m for 60cm to 100cm with minor malachite staining., 40m for <1m, 41.5m for 30cm, 45m for 1m, 48m for 3m

51 to 60m - Weakly to unaltered siltstones siltstone with dolomite interbeds, Sp=246/42.

IPQ - Lower Proterozoic Quartet Group

mPW - Middle Proterozoic Wernecke Breccia

Scale 1:20000

250 0 250 500

metres

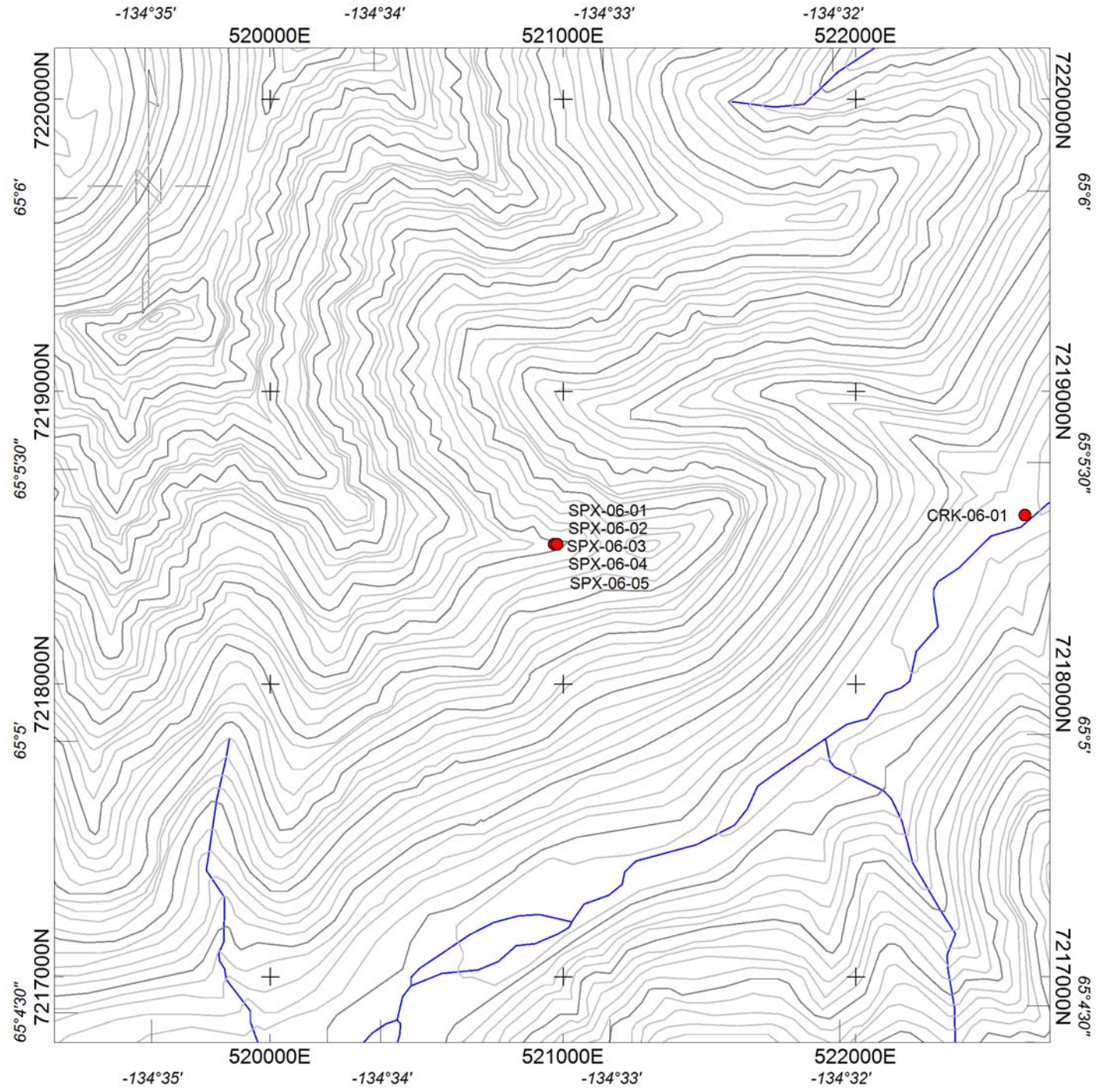
NAD83 / UTM zone 8N

SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 12A. SPHINX AREA GEOLOGY MAP

NTS: 106E02 | Mining District: Mayo
Datum: NAD83 | Projection: UTM Zone 8N
Date: Dec 4 2006 | Job: SGN-06-03-YT

Aurora Geosciences Ltd



Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
SPX-06-01	Rock 1.0m Chip	9020	11	12		
SPX-06-02	Rock 1.0m Chip	13600	8	478		
SPX-06-04	Rock In-Situ Grab	3700	23	58		
SPX-06-05	Rock In-Situ Grab	17200	8	269		

Scale 1:20000

250 0 250 500

metres

NAD83 / UTM zone 8N

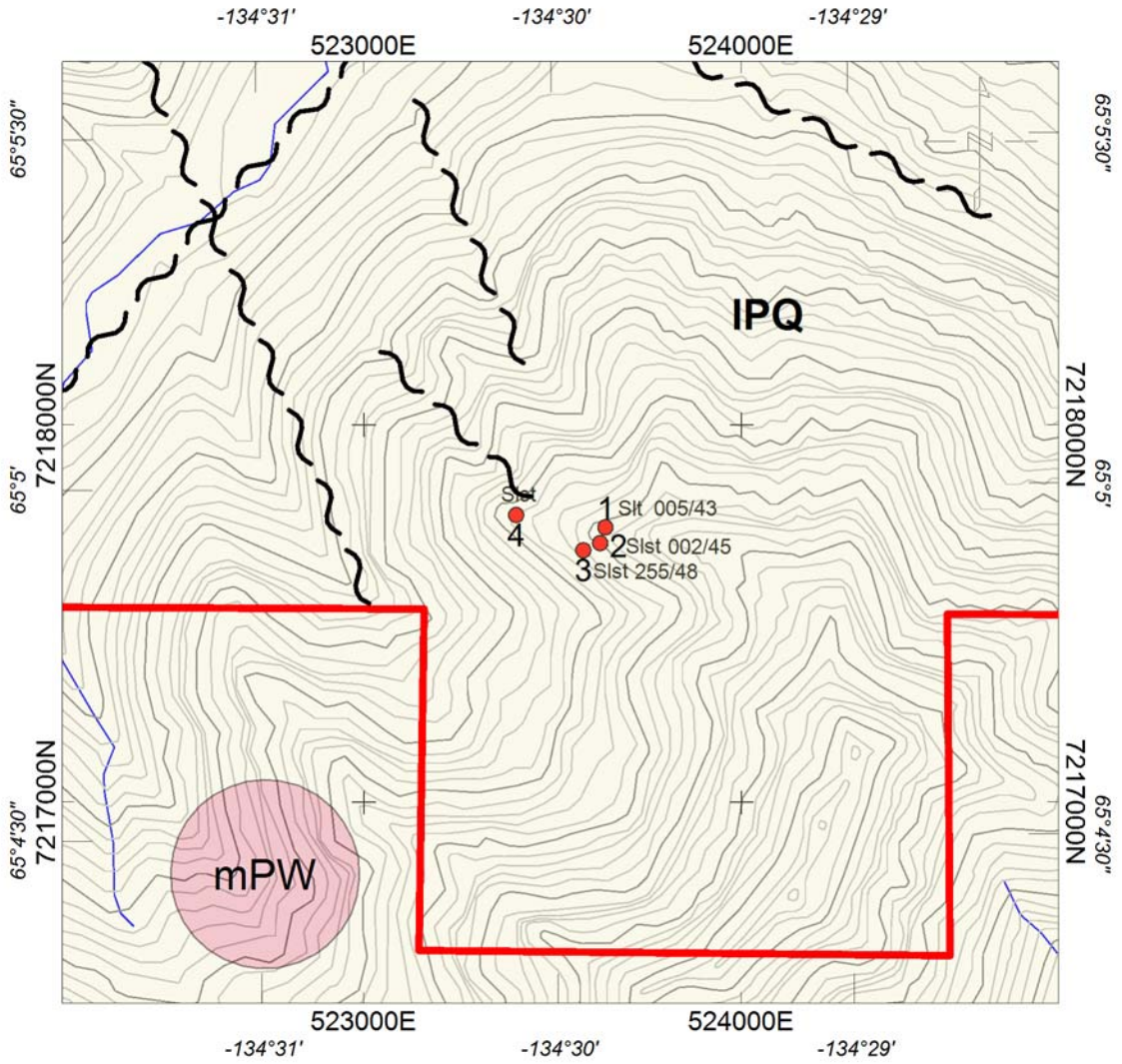
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 12B. SPHINX AREA SAMPLE LOCATION MAP

NTS: 106E02
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



1 - Outcrop is made up of black slates with Sp=005/43 and a moderately well developed joint surface (J1=114/77), with minor carbonate and limonitic staining. Two large features dominate the outcrop. Exposed at the base of the outcrop on the east is a large (up to 1m) quartz vein. The vein is ~ parallel to Sp and is variably mineralized, more so towards the margins and is manifested as malachite staining and disseminated sulphides, pyrite, bornite and minor chalcopyrite. Further up stratigraphy a quart carbonate vein (~ 50cm) with a large ankerite center line (~ 30cm) crosscuts stratigraphy at ~ 30°. Mineralization also occurs with this vein both as malachite staining and disseminated sulphides, pyrite, minor chalcopyrite. .

2 - Traverse moved downslope to the west and several samples were taken roughly on-strike with the large quartz vein detail in the above zone. Mineralization occurs as malachite staining and minor disseminated sulphide in silicified siltstone (Sp=002/45) and sometimes brecciated zones.

3 - Traverse contoured back towards the ridge and encountered a potassically zone and associated quartz vein. A sample of the potassically-altered material reading higher than background (~600 cps) was taken. Sp 255/48

4 - Siltstones and slates give way to a green to dark grey weathering amygdaloidal basalt. Rock appears to have a higher extensional than compressional strain (L>S), 061-31. Amygdules are quartz filled. Traverse ends in mafic volcanics and the pile has a minimum thickness of 100m.

IPQ - Lower Proterozoic Quartet Group

mPW - Middle Proterozoic Wernecke Breccia

Scale 1:20000

250 0 250

metres

NAD83 / UTM zone 8N

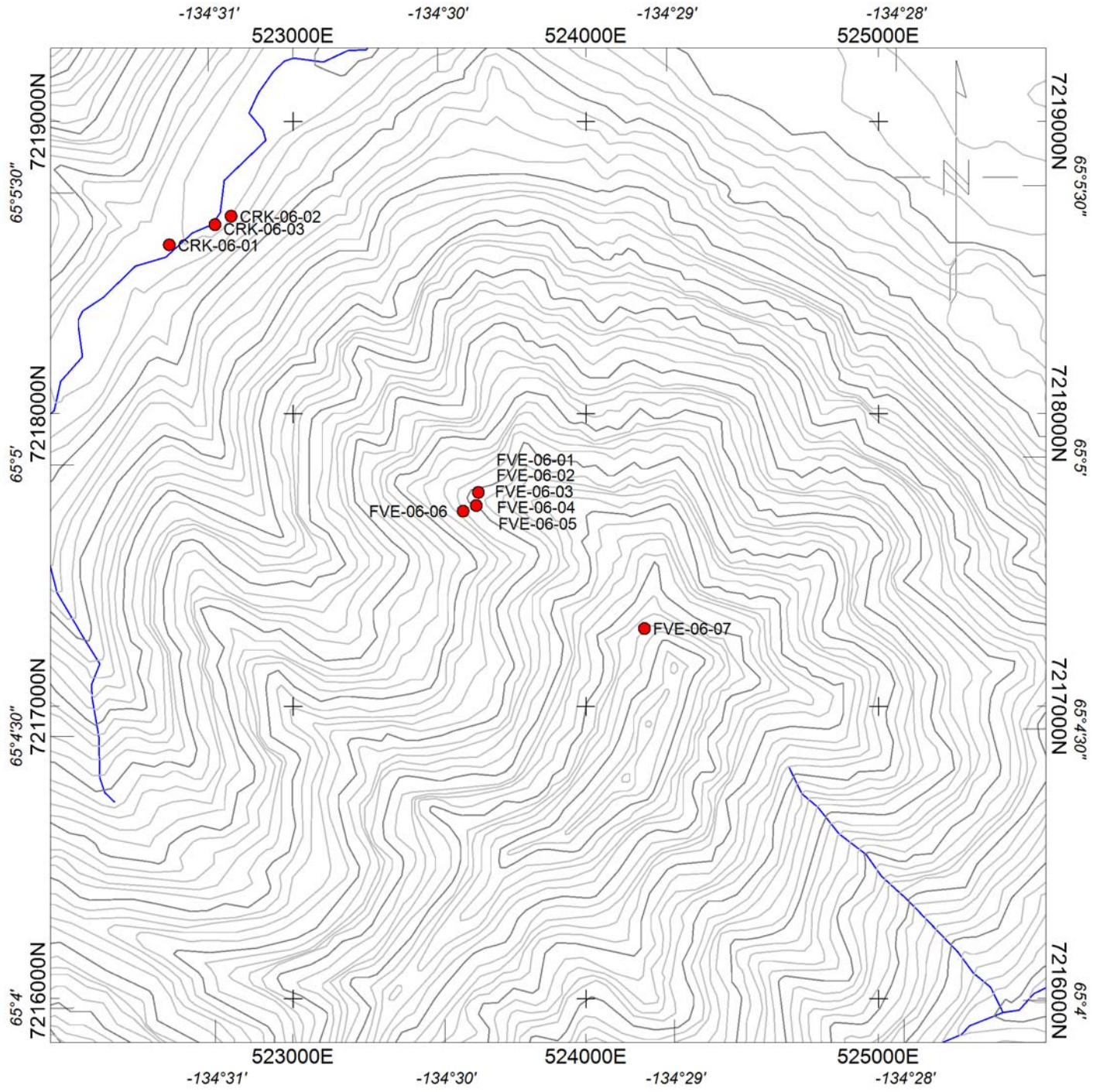
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 13A. FIVE AREA GEOLOGY MAP

NTS: 106E01/02
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt%	Cu_wt%
FVE-06-01	Rock In-Situ Grab	680	<2	3		
FVE-06-03	Rock In-Situ Grab	5270	<2	16		
FVE-06-04	Rock In-Situ Grab	142000	7	175		
FVE-06-05	Rock In-Situ Grab	5630	10	<2		

Scale 1:20000

250 0 250 500

metres

NAD83 / UTM zone 8N

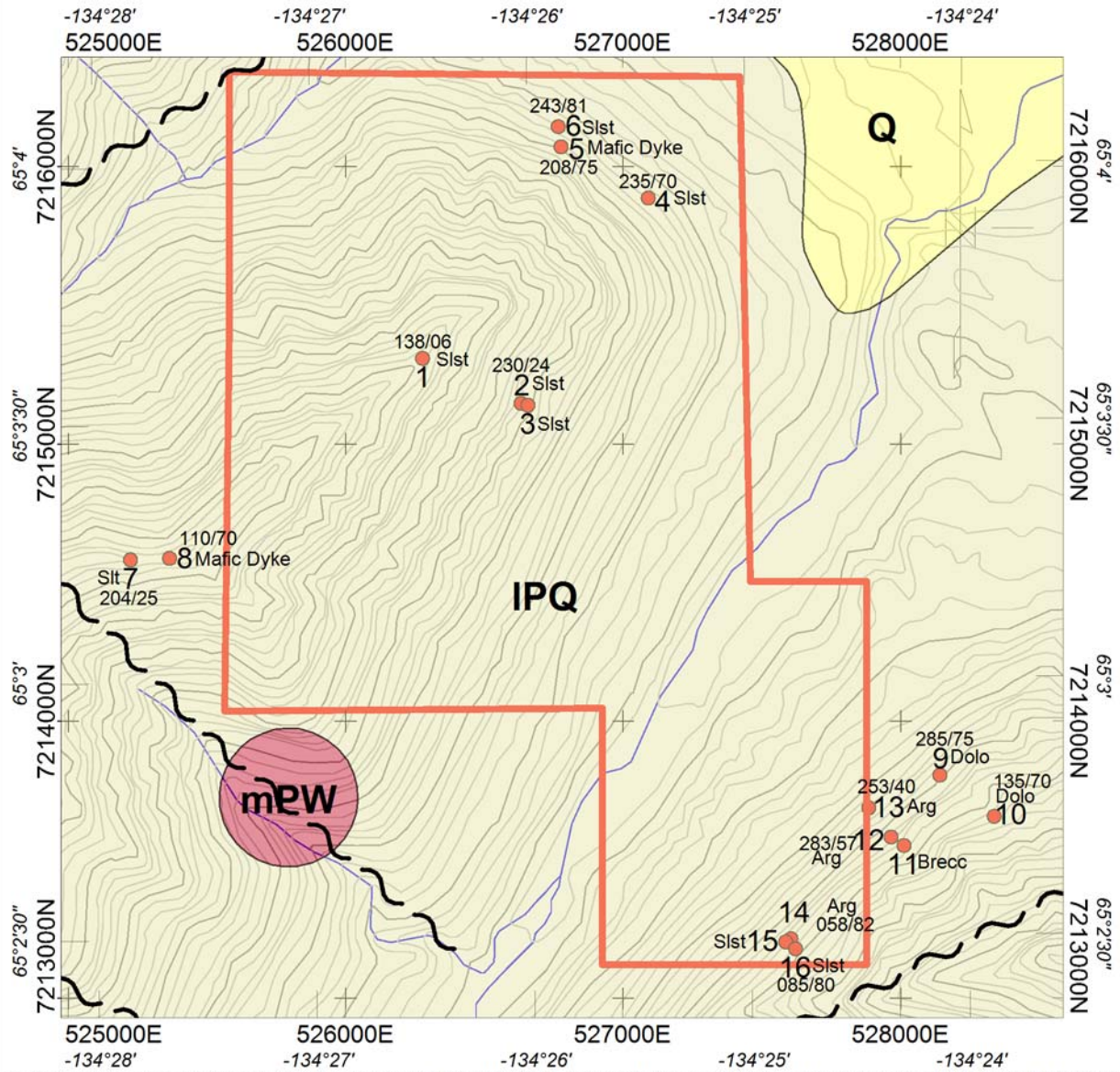
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 13B. FIVE AREA SAMPLE LOCATION MAP

NTS: 106E01/02
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



1 - Rocks are composed of pale-green weathering siltstones with a variable foliation, moderate NW dipping to flat lying. In this draw bedding is foliation parallel Sp=138/06. There is one well-developed joint surface 217/40 and a weak to moderately developed joint surface 117/86.

2 - Some disseminated magnetite in siltstones on talus slope. Bedding oblique to foliation, Sp=230/24, relationships are visible here in disturbed blocks. Folds are symmetric and near chevron with amplitude ≤ 20cm. A magnetite vein ~ 8cm, with a minor < 1cm alteration halo cross-cuts foliation.

3 - Small gossanous zone; pale green siltstone, limonitic staining with a quartz vein containing specular hematite, bedding parallel to primary foliation Sp - 200/25.

4 - Rocks are well-foliated, fissile, chloritic slates and green weathering siltstones. Bedding-foliation parallel Sp=235 / 70. Central part of the slope contains consistent rock units similar to Stn 1. There is minor limonitic and malachite staining, no evidence of mineralization on fresh surfaces.

5 - Small, fine-grained mafic intrusive body, ~ 2 x 2m, with no lateral or vertical extant. Body weathers dark brown, blocky and reacts with HCl only on weathered faces. One contact visible along a 310 / 76 joint surface (possible CS joint surface to interpreted synform). Chloritic slates are bedding-foliation parallel Sp=208 / 75.

6 - Small Cu showing. Green siltstones with Sp=243/81. Mineralization occurs along a linear ~ 40cm altered/silicified zone which crosscuts Sp at a 40º dip (no strike extent visible). Pyrite and chalcopyrite, <3% disseminated. Composite grab over 1meter along mineralized zone for assay.

7 - Begin traverse in a unit of interbedded slates and siltstones. Rusty red weathering. Bedding parallel to primary foliation Sp – 204/25. No elevated radioactivity.

8 - Move into a possible mafic dyke / sill. Lt grey fine grained mafic , <1% chalcopyrite, well developed cooling joints, carbonate veinlets on margin of contact with country rock. Very brecciated at contact, clasts on the 2cm scale, cemented by carbonate veinlets, trace specular hematite. Bedding parallel 110/70. No elevated radioactivity

9 - Begin traverse in green to brown dolostone, minor rusty veining, bedding parallel to primary foliation, Sp – 285/75.

10 - Traverse up creek into a brown weathering dolostone, rusty banding and trace specular hematite. Bedding cross cuts primary foliation Sp 135 / 70. No elevated radioactivity.

11 - Move to another creek cut in an attempt to locate Helikian Showing. Begin traverse at a Wernecke breccia body, quartz matrix, feldspathic, carbonate, and country rock inclusions. Trace hematite and biotite. Breccia body can be traced for approximately 50m up the creek cut. No elevated radioactivity.

12 - Moving into an outcrop of dk grey argillite, trace chalcopyrite, minor quartz stringers cross cut bedding, minor chloritic and potassic alteration is evident. Bedding is parallel to primary foliation Sp – 283/57. Folding is evident in bedding planes, carbonate alteration on folded surfaces, axis of folding is brecciated and fractured. No elevated radioactivity.

13 - Move into a grey silicified argillite, minor chloritic alteration on fresh surfaces, minor quartz stringers. Minor potassic alteration on primary foliation. Bedding is parallel to primary foliation Sp 253 / 40. No elevated radioactivity

14 - Begin traverse in creek cut above Slats Creek. Background radioactivity 190 cps. Begin in lt. grey argillite. Brown and rusty weathering on fresh surfaces, carbonate alteration. The primary foliation is poorly developed Sp – 058/82. No elevated radioactivity.

15 - Enter a boulder train of potassically altered sediments, quartz stringers and veining, brannerite and specularite mineralization, minor hematization. Collected from talus. Radioactivity to 600 cps.

16 - Into an outcrop of pale green banded siltstones, potassic veining, minor quartz stringers, chloritic and carbonate alteration on fresh surfaces. Primary foliation is parallel to bedding Sp – 085/80

IPQ - Lower Proterozoic Quartet Group
mPW - Middle Proterozoic Wernecke Breccia
Q - Quaternary Suite

Scale 1:25000

250 0 250 500

metres

NAD83 / UTM zone 8N

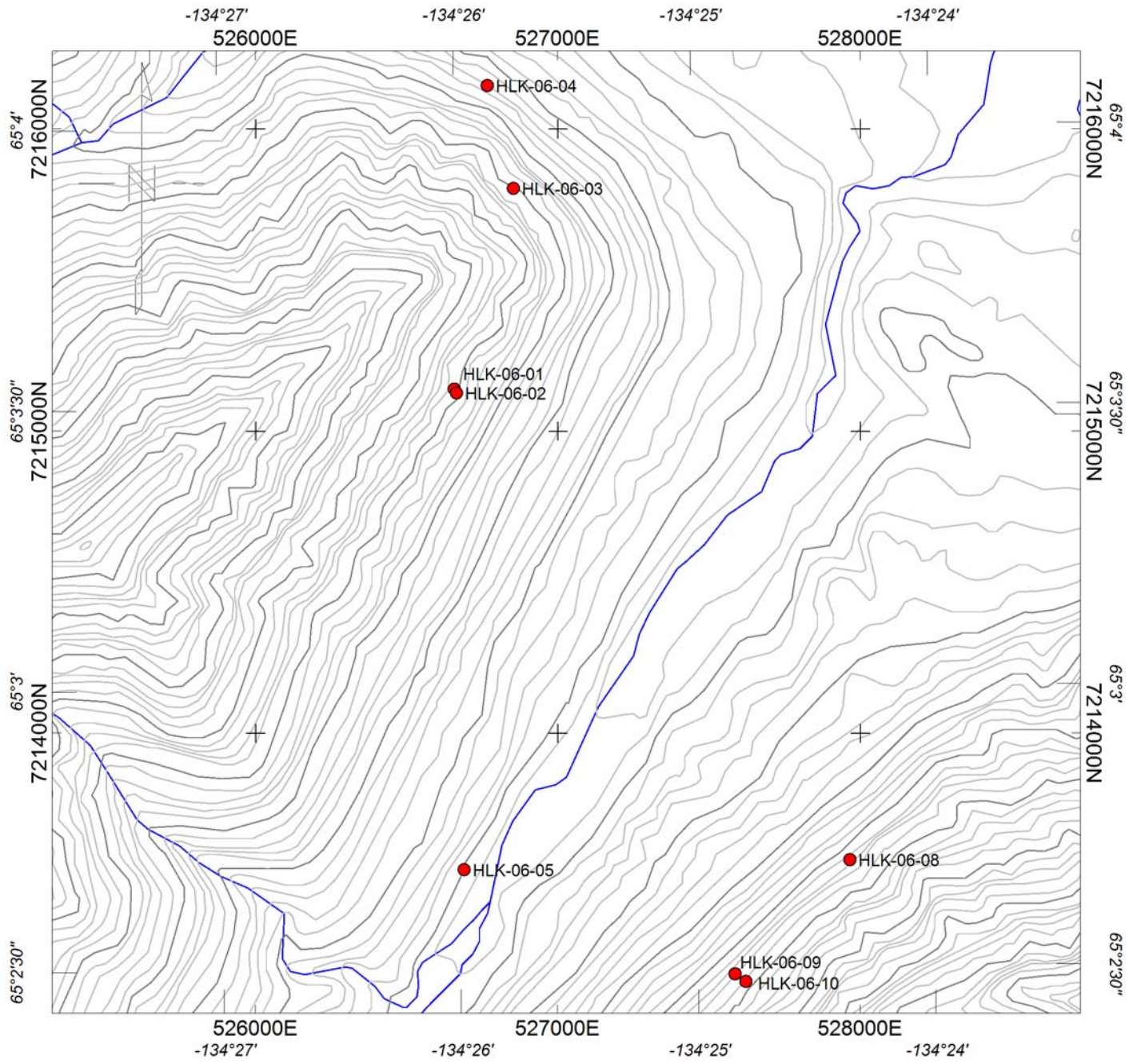
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 14A. HELIKIAN AREA GEOLOGY MAP

NTS: 106E01
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



Sample #	Sample Type	Cu_ppm	U_ppm	Au_ppb	U3O8_wt %	Cu_wt %
HLK-06-04	Rock Composite Grab	3220	<2	145		
HLK06-05	Rock In-Situ Grab	7150	70	33		
HLK-06-08	Rock In-Situ Grab	579	<2	4		

Scale 1:20000

250 0 250 500

metres

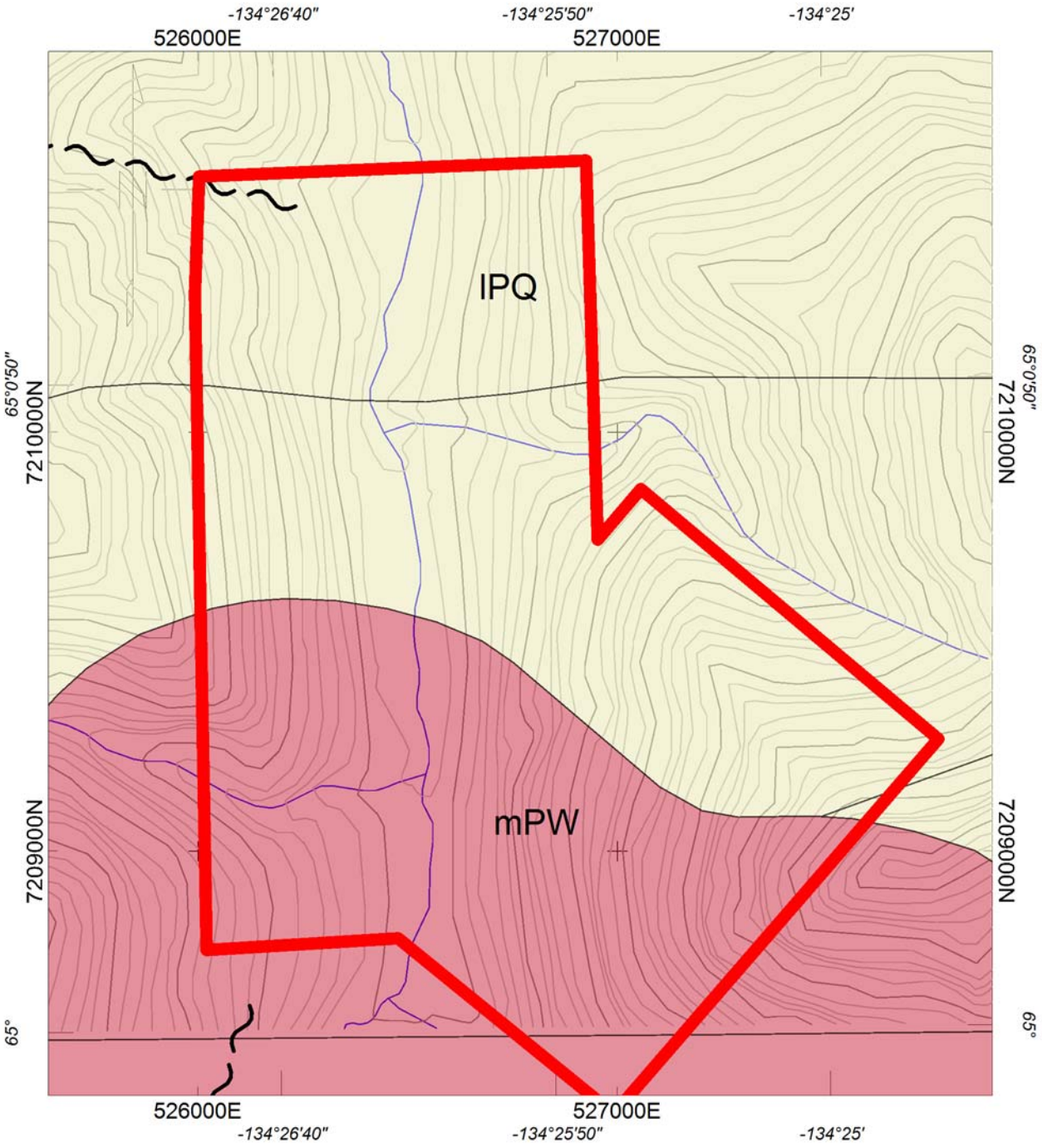
NAD83 / UTM zone 8N

SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 14B. HELIKIAN AREA SAMPLE LOCATION MAP

NTS: 106E01 Mining District: Mayo
Datum: NAD83 Projection: UTM Zone 8N
Date: Dec 4 2006 Job: SGN-06-03-YT

Aurora Geosciences Ltd



IPQ - Lower Proterozoic Quartet Group

mPW - Middle Proterozoic Wernecke Breccia

Scale 1:15000

250 0 250

metres

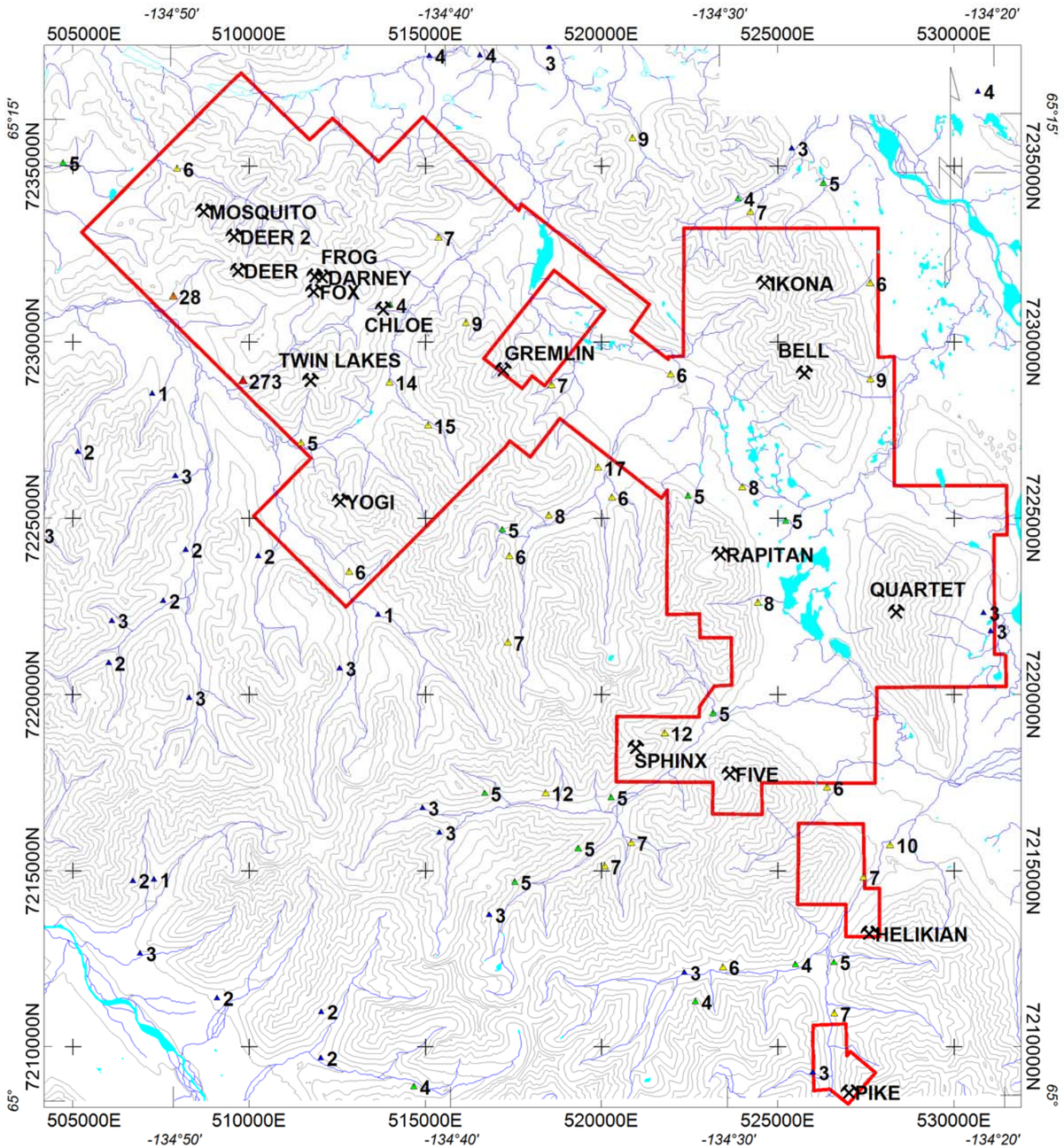
NAD83 / UTM zone 8N

SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 15. PIKE AREA GEOLOGY

NTS: 106E02 Mining District: Mayo
Datum: NAD83 Projection: UTM Zone 8N
Date: Dec 4 2006 Job: SGN-06-03-YT

Aurora Geosciences Ltd



RGS STREAM SED.
U ppm

>	38
20 -	38
5.2 -	20
3.6 -	5.2
<	3.6

Scale 1:150000

2500 0 2500 5000 7500

metres

NAD83 / UTM zone 8N

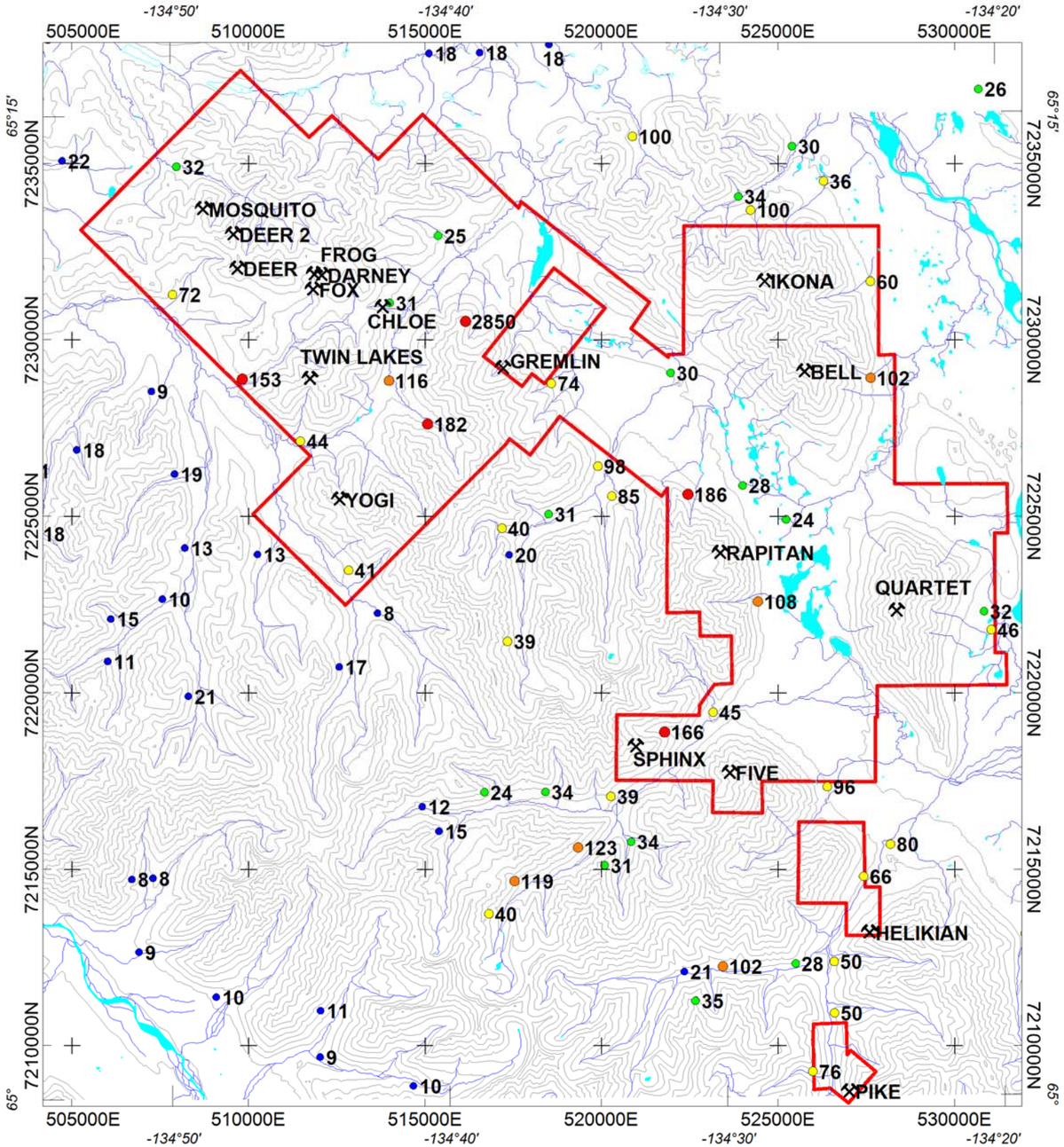
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 16. GOVERNMENT RGS U (ppm)

NTS: 106E02/01
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



RGS STREAM SED.
CU PPM

>	150
100 -	150
35 -	100
22 -	35
<	22

Scale 1:150000

2500 0 2500 5000 7500

metres

NAD83 / UTM zone 8N

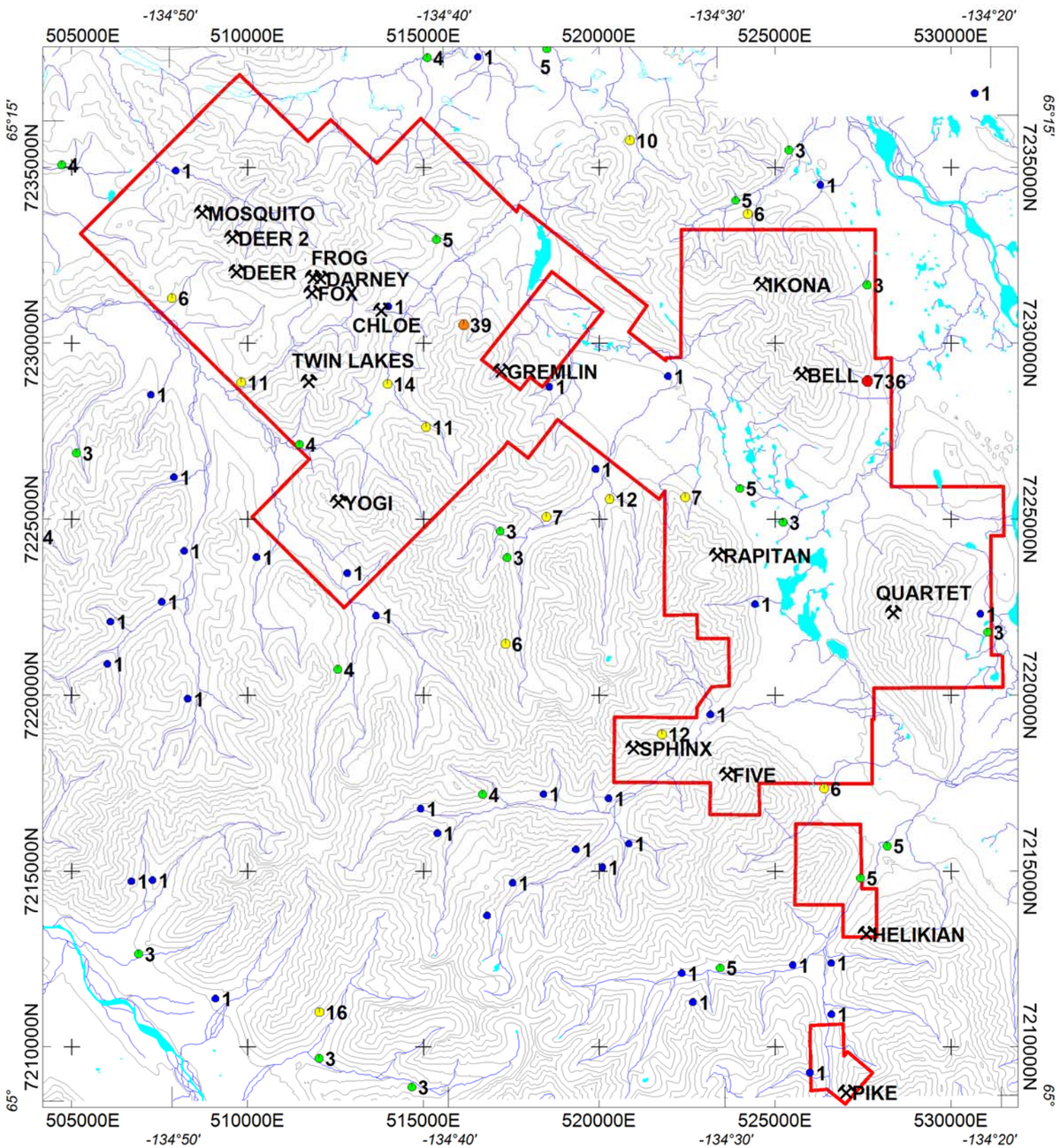
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 17. GOVERNMENT RGS CU (ppm)

NTS: 106E02/01
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



RGS STREAM SED.
AU PPB

	> 100
	30 - 100
	5 - 30
	2 - 5
	< 2

Scale 1:150000

2500 0 2500 5000 7500

metres

NAD83 / UTM zone 8N

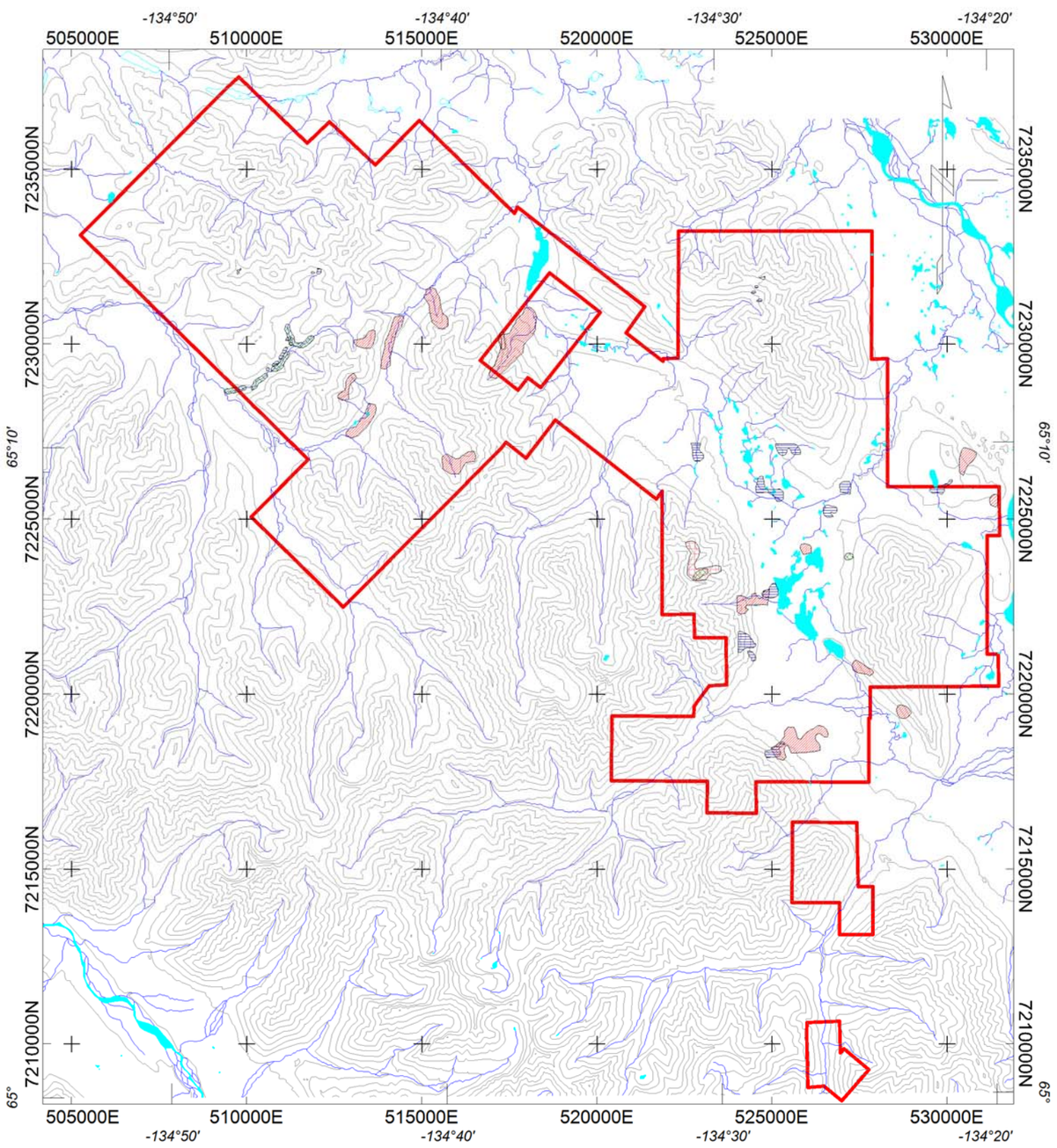
SIGNET MINERALS INC.

CURIE PROPERTY
FIGURE 18. GOVERNMENT RGS AU (ppb)

NTS: 106E02/01
Datum: NAD83
Date: Dec 4 2006

Mining District: Mayo
Projection: UTM Zone 8N
Job: SGN-06-03-YT

Aurora Geosciences Ltd



Cu Stream Sediment Anomally

U Stream Sediment Anomally

U Soil Anomally

Cu Soil Anomally

Scale 1:150000

2500 0 2500 5000 7500

metres

NAD83 / UTM zone 8N

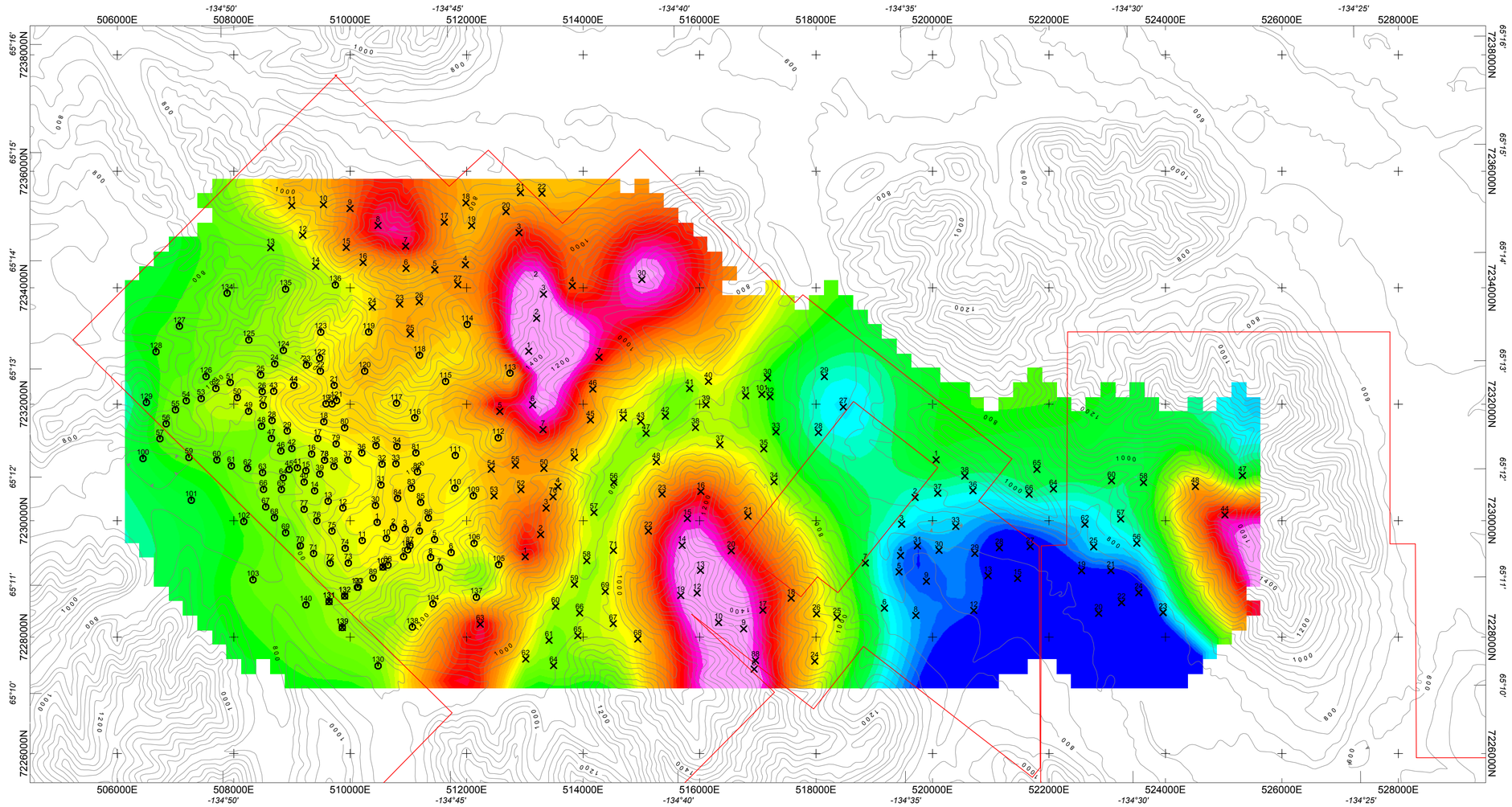
SIGNET MINERALS INC.

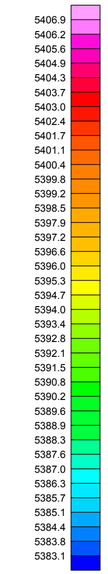
CURIE PROPERTY

FIGURE 19. HISTORICAL SOIL GEOCHEM. COMPILATION MAP

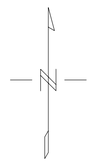
NTS: 106E01/02 — Mining District: Mayo
Datum: NAD83 — Projection: UTM Zone 8N
Date: Dec 4 2006 — Job: SGN-06-03-YT

Aurora Geosciences Ltd

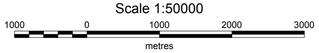




Bouguer Anomaly
(mGal)



Scale 1:50000

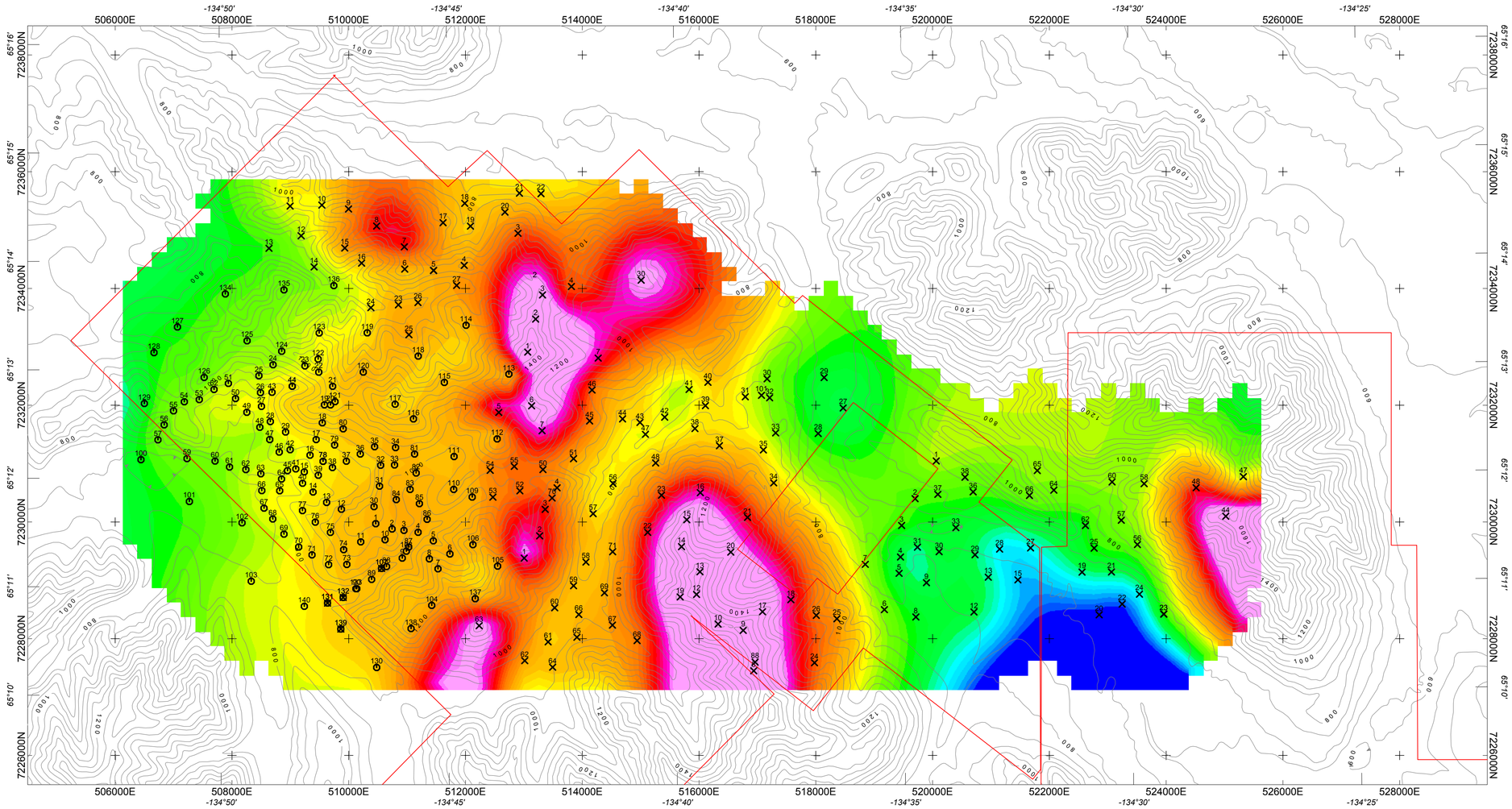


NAD83 / UTM zone 8N

SIGNET MINERALS INC.

CURIE PROPERTY 2005 & 2006 GRAVITY SURVEY
FIGURE 20
Bouguer Anomaly Colour Contoured Map

Aurora Geosciences Ltd.



11.9
11.2
10.6
9.9
9.3
8.7
8.0
7.4
6.7
6.1
5.4
4.8
4.2
3.5
2.9
2.2
1.6
1.0
0.3
-0.3
-1.0
-1.6
-2.2
-2.9
-3.5
-4.2
-4.8
-5.4
-6.1
-6.7
-7.4
-8.0
-8.7
-9.3
-9.9
-10.6
-11.2
-11.9

Bouguer Anomaly
(mGal)

Scale 1:50000

1000 0 1000 2000 3000
metres
NAD83 / UTM zone 8N

SIGNET MINERAL INC.

CURIE PROPERTY 2005 & 2006 GRAVITY SURVEY
FIGURE 21
Bouguer Anomaly Colour Contoured Map with trend Removed

Aurora Geosciences Ltd.

APPENDIX I

STATEMENT OF QUALIFICATIONS

Statement of Qualifications

I, Scott Casselman, P. Geo., certify that:

1) I reside at 33 Firth Road, Whitehorse, Yukon Territory, Y1A 4R5

2) I am a geologist employed by Aurora Geosciences Ltd. of Whitehorse, Yukon Territory.

3) I graduated from Carleton University in Ottawa, Ontario with a Bachelor of Science Degree in Geology in 1985 and have worked as a geologist since that time.

4) I am a member of the Association of Professional Engineers and Geoscientists of British Columbia, Registration No. 20032.

5) I conducted a field examination form February 7 to 9, 2006 on the La Fortuna Project in Chubut Province, Argentina for Golden Peaks Resources Ltd.

6) I am responsible for the preparation of this report entitled "Qualifying Report on the La Fortuna Project, Chubut Province, Argentina" dated March 17, 2006.

6) I am not aware of any material fact or material change with respect to the subject matter of this Technical Report that is not reflected in the Technical Report, the omission of which, would make this Technical Report misleading.

7) I have read National Instrument 43-101 and Form 43-101F1, and this technical report has been prepared in compliance with this Instrument and Form.

8) I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.

9) I consent to the filing of this Technical Report with any stock exchange or other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this ___th day of _____, 2006, at Whitehorse, Yukon Territory.

Scott G. Casselman, BSc., P.Geo.

Statement of Qualifications

I, Derek Torgerson.B.Sc, certify that:

1) I reside at Km 1400 Alaska Highway, Whitehorse, Yukon Territory, Y1A 5P7

2) I am a geologist employed by Aurora Geosciences Ltd. of Whitehorse, Yukon Territory.

3) I graduated from Brock University in St. Catharines, Ontario with a Bachelor of Science Degree in Geology and Environmental Sciences in 1994.

4) I have worked as a Geologist since 2004.

5) I conducted field work form July 4th to Sept 6th, 2006 on the Curie Property in Yukon Territory, Canada for Signet Minerals Inc.

6) I am responsible for the preparation of this report entitled "Qualifying Report on the Curie Property, North Central Yukon Territory, Canada" dated, 2006.

7) I am not aware of any material fact or material change with respect to the subject matter of this Technical Report that is not reflected in the Technical Report, the omission of which, would make this Technical Report misleading.

8) I have read National Instrument 43-101 and Form 43-101F1, and this technical report has been prepared in compliance with this Instrument and Form.

9) I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.

10) I consent to the filing of this Technical Report with any stock exchange or other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this ___th day of _____, 2007, at Whitehorse, Yukon Territory.

Derek Torgerson, BSc.

APPENDIX II

GEOCHEMICAL ANALYTICAL CETIFICATES

SRC Geoanalytical Laboratories

Aurora Geosciences
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Attention:
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Report No: 06-46
PO #/Project:
Date: February 06, 2006
Samples: 3

ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium in ppm (U, ICP)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM/RS211	<0.1	10.6	0.6	37.3	49.4	<0.2	<0.2	12.5	47.7	22.7	<0.2	0.4	<0.2	33.4	95.7	206	91
CUR05-R99	<0.1	132	76.1	0.7	137	139	<0.2	5.1	25.0	74200	<0.2	200	38.4	451000	283	19.7	38
CUR05-R99 R	<0.1	137	75.7	0.6	135	130	<0.2	5.6	24.6	74400	<0.2	189	28.8	448000	274	16.7	41

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95 C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standard is BM.

SRC Geoanalytical Laboratories
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Aurora Geosciences
Attention:
PO #/Project:
Samples: 3

Report No: 06-46
Date: February 06, 2006

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

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Aurora Geosciences
Attention:
PO #/Project:
Samples: 3

Report No: 06-46
Date: February 06, 2006

ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)
U3O8 Assay by ICP in wt % (U3O8)

SRC Geoanalytical Laboratories

Aurora Geosciences
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Report No: 06-46
PO #/Project:
Date: February 06, 2006
Samples: 3

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM/RS211	0.3	17.5	2250	2.1	4.82	0.6	163	20	120	3	3.4	2.3	2.9	7.28	23	6.0	4.4
CUR05-R99	<0.2	3.86	74	6.0	1.88	1.7	320	1	28	141	351	113	66.2	1.96	32	204	<0.5
CUR05-R99 R	<0.2	3.77	72	6.1	1.85	1.5	317	1	26	144	347	111	65.2	1.93	30	200	<0.5

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Report No: 06-46
PO #/Project:
Date: February 06, 2006
Samples: 3

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM/RS211	1.1	3.05	95	29	2.82	0.075	1	3.30	8	67	23	0.674	18	15	11	9.2	<1
CUR05-R99	57.4	0.537	37	50	2.42	0.034	9	0.16	24	310	63	1.22	91900	9	22	165	<1
CUR05-R99 R	56.3	0.517	39	48	2.41	0.034	8	0.15	22	302	62	1.19	91200	10	22	167	1

SRC Geoanalytical Laboratories

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Attention:
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Report No: 06-46
PO #/Project:
Date: February 06, 2006
Samples: 3

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	U3O8 wt %
CG515/LS4/BM/RS211	1170	<1	<0.3	11	1.05	<2	125	<1	22	2.1	89	155	48.2
CUR05-R99	1210	<1	57.9	<1	0.438	458000	151	<1	617	80.2	21	55	54.3
CUR05-R99 R	1170	<1	56.3	<1	0.457	445000	139	<1	605	81.2	23	50	54.7

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.
Uranium Assay: A 1.00 g pulp is digested with 24 ml of 3:1 HCl:HNO3 for 1 hour at 95 C.
The standard is RS211.

SRC Geoanalytical Laboratories

Aurora Geosciences
Attention: Kieran Downes
PO #/Project: CURIE
Samples: 9

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Report No: 06-916
Date: January 08, 2007

Aqua Regia Assay Digestion

Column Header Details

U3O8 Assay by ICP in wt % (U3O8)

Sample Number	U3O8 wt %
CG515/LS4/BM/BL2A	0.501
DEER06-01	0.614
DEER06-02	1.07
DEER06-04	0.762
DEER06-06	0.828
DEER06-07	0.447
DEER06-09	0.802
IKONA06-05	0.476
DEER06-06 R	0.831

Uranium Assay: A 1.00 g pulp is digested with 24 ml of 3:1 HCl:HNO3 for 1 hour at 95 C.
The standard is BL2A.

SRC Geoanalytical Laboratories

Aurora Geosciences
Attention: Kieran Downes
PO #/Project: CURIE
Samples: 15

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Report No: 06-916
Date: September 29, 2006

Aqua Regia Assay Digestion

Column Header Details

U3O8 Assay by ICP in wt % (U3O8)

Sample Number	U3O8 wt %
CG515/LS4/BM/MP1A/BL4A	0.501
DEER06-08	0.337
IKONA06-02	0.125

Uranium Assay: A 1.00 g pulp is digested with 24 ml of 3:1 HCl:HNO3 for 1 hour at 95 C.
The standard is BL4A.

SRC Geoanalytical Laboratories
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Aurora Geosciences
Attention: Kieran Downes
PO #/Project: CURIE
Samples: 24

Report No: 06-916
Date: August 01, 2006

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

SRC Geoanalytical Laboratories

Aurora Geosciences
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Attention: Kieran Downes
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Report No: 06-916
PO #/Project: CURIE
Date: August 01, 2006
Samples: 24

ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

SRC Geoanalytical Laboratories

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Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca
Report No: 06-916
PO #/Project: CURIE
Date: August 01, 2006
Samples: 24

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.0	2170	1.9	4.66	0.9	151	16	125	3	3.3	2.6	2.5	7.28	21	6.0	3.4
DEER06-03	<0.2	21.3	577	2.2	0.21	0.9	10	30	174	4	2.1	1.8	0.4	7.29	56	1.6	6.5
DEER06-05	<0.2	11.6	53	0.4	0.57	0.5	4	14	156	5	2.1	1.1	0.3	3.32	20	2.1	1.3
DEER06-08	<0.2	16.7	151	1.7	0.59	0.5	18	48	93	11	16.3	7.8	2.2	8.89	48	12.5	<0.5
IKONA06-02	<0.2	2.22	66	0.3	0.05	<0.2	38	2	188	24	15.1	5.5	4.2	0.48	4	15.6	<0.5
IKONA06-03	<0.2	13.2	104	1.2	0.20	0.7	43	2	53	9	10.0	4.2	2.4	0.73	17	8.4	<0.5
QRT06-01	1.1	6.52	88	0.4	0.98	0.3	33	119	99	15900	13.4	8.5	3.4	24.5	10	12.5	10.6
QRT06-02	<0.2	0.92	31	<0.2	0.51	1.0	49	9	104	141	0.8	3.7	1.1	49.7	16	<0.5	25.8
QRT06-03	<0.2	18.3	54	0.8	0.29	0.7	45	21	56	141	4.6	2.7	1.0	4.87	19	4.0	1.6
QRT06-04	1.0	16.1	129	0.7	1.52	0.3	38	120	54	17100	27.1	14.3	6.7	17.2	9	27.5	6.5
QRT06-05	<0.2	12.5	74	0.2	4.72	0.7	4	35	86	25	0.4	1.6	0.4	14.4	19	<0.5	4.6
QRT06-06	<0.2	17.1	37	0.6	0.98	0.7	5	27	64	56	7.0	3.4	1.2	3.97	17	5.1	<0.5
RPT06-01	4.6	11.3	1670	0.6	0.55	0.6	85	16	99	39500	1.4	1.7	1.4	17.1	11	2.7	8.4
RPT06-02	0.7	12.7	1150	1.5	2.04	0.6	82	9	92	9030	1.7	1.7	1.3	12.2	18	3.3	5.2
RPT06-02 R	0.9	12.7	1140	1.6	2.07	0.8	82	8	93	9050	1.6	1.7	1.3	12.1	18	3.2	4.9
CG515/LS4/BM	<0.2	17.6	2270	2.0	4.68	0.7	155	17	113	2	3.4	2.7	2.6	7.40	22	5.7	4.6
DEER06-01	<0.2	17.9	475	1.5	0.73	0.5	37	29	120	18	28.9	12.5	4.1	6.70	48	22.4	<0.5
DEER06-02	<0.2	13.0	421	1.0	0.90	0.2	45	17	119	16	42.2	17.7	6.1	4.47	40	33.9	<0.5
DEER06-04	<0.2	7.48	540	1.0	1.52	0.2	26	6	145	17	31.9	12.7	4.4	1.78	25	26.3	<0.5
DEER06-06	<0.2	24.6	1380	2.5	1.93	1.0	34	24	130	14	40.0	17.2	5.4	6.30	64	30.7	<0.5
DEER06-07	<0.2	17.7	632	1.5	0.60	0.7	32	15	102	12	22.7	9.7	3.1	3.81	36	16.9	<0.5
DEER06-09	<0.2	4.37	116	0.3	0.72	<0.2	31	7	142	25	39.3	19.2	4.3	1.77	18	28.0	<0.5
IKONA06-05	<0.2	18.9	99	1.4	2.00	0.7	248	7	65	128	57.5	25.1	11.4	1.16	22	45.4	<0.5
DEER06-06 R	<0.2	25.8	1460	2.6	2.02	1.0	35	22	139	15	42.0	18.1	5.7	6.39	66	32.1	<0.5

SRC Geoanalytical Laboratories

Aurora Geosciences
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Report No: 06-916
PO #/Project: CURIE
Date: August 01, 2006
Samples: 24

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.0	3.15	87	29	2.70	0.072	2	3.20	7	65	26	0.676	17	16	11	8.6	4
DEER06-03	0.7	3.15	7	118	11.5	0.057	1	0.60	4	6	433	0.220	16	<1	14	1.4	<1
DEER06-05	0.4	0.101	3	53	6.98	0.041	1	2.89	<1	4	193	0.429	26	<1	2	1.2	<1
DEER06-08	3.1	0.166	6	166	16.4	0.157	1	0.16	<1	17	633	0.457	329	3	4	7.2	<1
IKONA06-02	2.2	0.332	11	3	0.174	0.011	<1	0.65	1	26	2	0.017	47	5	1	10.4	<1
IKONA06-03	1.5	0.639	16	10	0.768	0.009	1	9.78	1	25	6	0.029	46	5	1	6.8	<1
QRT06-01	3.0	0.379	21	11	0.479	0.048	79	1.23	<1	28	70	1.22	24	3	11	9.9	6
QRT06-02	1.3	0.027	42	5	0.409	0.009	16	0.02	9	32	7	0.645	14	4	3	6.7	34
QRT06-03	1.0	0.134	22	25	2.10	0.050	7	8.71	4	21	31	0.199	35	5	2	4.4	<1
QRT06-04	5.2	0.607	16	14	0.334	0.041	65	2.92	<1	39	90	1.70	22	5	15	17.2	<1
QRT06-05	0.5	0.257	7	30	2.72	0.279	2	4.88	4	5	16	0.211	4	<1	8	1.5	<1
QRT06-06	1.2	0.059	<1	15	1.35	0.072	3	9.25	5	7	20	0.209	27	1	4	3.4	<1
RPT06-01	0.7	8.46	52	1	0.184	0.031	15	1.00	<1	39	34	0.303	43	8	5	6.7	3
RPT06-02	0.7	6.32	52	4	0.840	0.111	2	1.81	<1	36	36	0.218	12	8	10	6.1	3
RPT06-02 R	0.6	6.31	53	4	0.838	0.110	2	1.82	<1	36	36	0.215	13	8	9	6.1	2
CG515/LS4/BM	1.1	3.23	88	29	2.75	0.074	1	3.30	7	67	21	0.687	18	16	11	8.9	2
DEER06-01	5.0	1.35	6	124	12.8	0.087	2	1.10	2	31	395	0.577	232	7	10	13.1	<1
DEER06-02	7.5	0.894	<1	74	9.03	0.073	3	0.94	5	38	269	0.691	414	9	9	17.5	<1
DEER06-04	5.4	1.22	<1	27	2.80	0.039	2	0.57	4	26	79	1.21	363	6	10	12.9	<1
DEER06-06	7.0	3.93	<1	102	11.8	0.067	3	1.12	5	33	342	1.52	320	7	21	16.0	<1
DEER06-07	3.9	1.86	7	65	7.04	0.050	1	3.22	1	23	196	0.443	182	5	12	9.3	<1
DEER06-09	7.6	0.125	<1	25	3.24	0.041	2	0.51	3	26	88	0.561	328	6	3	11.7	<1
IKONA06-05	9.1	0.611	110	10	1.36	0.066	1	9.69	4	127	7	0.070	126	30	5	34.7	<1
DEER06-06 R	7.3	4.08	<1	105	12.3	0.070	3	1.15	5	35	350	1.58	325	8	22	16.8	<1

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Report No: 06-916
PO #/Project: CURIE
Date: August 01, 2006
Samples: 24

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4/BM	1200	<1	<0.3	12	1.04	4	122	<1	20	1.8	83	140
DEER06-03	35	<1	<0.3	16	0.304	355	148	<1	11	1.9	27	181
DEER06-05	16	<1	<0.3	9	0.027	142	32	<1	10	0.8	23	14
DEER06-08	10	<1	<0.3	27	0.308	2980	90	<1	59	6.9	92	65
IKONA06-02	15	<1	1.1	196	0.157	1240	9	<1	39	4.5	13	8
IKONA06-03	51	<1	0.5	149	0.283	384	13	1	22	4.3	6	48
QRT06-01	40	2	1.1	9	0.058	307	88	<1	64	8.3	79	49
QRT06-02	10	10	<0.3	4	0.146	12	302	16	18	2.4	39	9
QRT06-03	35	<1	<0.3	39	0.207	450	22	1	17	2.7	31	56
QRT06-04	27	<1	2.3	10	0.043	661	18	<1	111	15.9	80	48
QRT06-05	17	1	<0.3	11	0.348	6	89	<1	8	1.1	48	47
QRT06-06	15	<1	<0.3	57	0.192	386	25	<1	22	3.5	27	36
RPT06-01	37	<1	<0.3	11	0.079	10	68	<1	10	1.2	93	26
RPT06-02	31	<1	<0.3	12	0.203	4	90	<1	11	1.2	30	40
RPT06-02 R	32	<1	<0.3	12	0.206	4	90	<1	11	1.2	31	38
CG515/LS4/BM	1200	1	<0.3	13	1.07	2	120	<1	20	1.8	84	146
DEER06-01	28	<1	<0.3	74	0.530	5060	94	<1	94	11.3	43	84
DEER06-02	26	2	<0.3	130	0.899	9710	67	<1	129	15.4	30	52
DEER06-04	30	<1	<0.3	122	0.562	7110	66	<1	94	10.8	16	28
DEER06-06	58	<1	<0.3	118	0.769	7560	152	<1	140	15.9	35	142
DEER06-07	39	<1	<0.3	127	0.456	3940	81	<1	73	9.2	27	77
DEER06-09	16	2	<0.3	83	0.633	7600	26	<1	159	18.4	16	8
IKONA06-05	91	<1	2.2	702	0.607	4080	13	<1	192	22.1	17	78
DEER06-06 R	60	<1	<0.3	122	0.814	7900	159	1	146	16.7	35	148

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.

SRC Geoanalytical Laboratories

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PO #/Project: CURIE
Samples: 24

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Report No: 06-916
Date: August 01, 2006

ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	0.2	13.5	0.4	40.5	48.2	0.2	<0.2	12.2	47.6	23.9	0.8	<0.2	<0.2	33.9	97.9	210	93
DEER06-03	<0.1	0.4	<0.2	20.3	4.6	<0.2	0.2	<0.1	238	15.2	<0.2	<0.2	<0.2	351	32.6	26.0	4
DEER06-05	<0.1	2.5	<0.2	8.9	6.2	<0.2	<0.2	0.3	103	23.8	<0.2	<0.2	0.4	128	16.8	14.6	4
DEER06-08	<0.1	1.9	<0.2	38.6	10.1	<0.2	0.5	<0.1	476	320	<0.2	<0.2	<0.2	2660	70.9	76.4	5
IKONA06-02	<0.1	1.5	<0.2	1.4	22.5	<0.2	<0.2	0.6	3.1	42.5	<0.2	<0.2	2.2	1010	1.9	9.0	13
IKONA06-03	<0.1	1.3	<0.2	1.5	7.6	<0.2	<0.2	0.4	3.4	42.5	<0.2	<0.2	2.5	1650	2.2	5.0	77
QRT06-01	0.7	8.5	<0.2	117	15700	<0.2	<0.2	79.3	67.0	10.9	<0.2	28.0	<0.2	297	14.4	15.9	2
QRT06-02	<0.1	4.2	<0.2	8.2	125	<0.2	<0.2	14.6	6.7	0.38	0.3	<0.2	<0.2	11.6	45.4	7.0	2
QRT06-03	<0.1	0.9	<0.2	22.4	124	<0.2	<0.2	4.9	29.4	33.8	<0.2	<0.2	<0.2	440	19.3	25.7	8
QRT06-04	0.3	4.3	<0.2	115	16400	<0.2	<0.2	59.4	88.0	10.9	<0.2	9.9	<0.2	610	6.8	15.7	4
QRT06-05	0.1	3.3	0.3	34.7	24.5	<0.2	<0.2	0.6	17.4	0.37	<0.2	<0.2	<0.2	4.9	24.3	38.7	5
QRT06-06	<0.1	2.5	<0.2	26.1	42.7	<0.2	<0.2	2.0	21.5	25.5	<0.2	<0.2	<0.2	344	19.4	20.6	3
RPT06-01	2.8	1.7	<0.2	15.5	38400	<0.2	<0.2	14.2	16.2	23.7	<0.2	6.1	0.5	10.1	23.3	<0.1	84
RPT06-02	0.7	1.6	<0.2	7.9	8260	<0.2	<0.2	0.9	18.2	5.59	<0.2	0.3	<0.2	3.1	21.2	<0.1	102
RPT06-02 R	0.7	1.8	<0.2	8.1	8430	<0.2	<0.2	0.9	17.7	5.59	<0.2	0.4	<0.2	3.2	19.8	<0.1	104
CG515/LS4/BM	0.3	12.8	0.6	39.6	47.8	0.4	<0.2	12.0	47.8	23.6	0.3	<0.2	<0.2	30.8	97.3	210	90
DEER06-01	<0.1	2.6	<0.2	20.4	17.1	<0.2	0.4	<0.1	240	254	<0.2	<0.2	1.9	4470	38.7	33.7	6
DEER06-02	<0.1	3.2	<0.2	12.9	15.4	<0.2	0.4	0.9	156	396	<0.2	<0.2	2.6	7480	27.1	21.6	2
DEER06-04	<0.1	5.9	<0.2	4.6	15.6	<0.2	0.2	0.6	56.7	364	<0.2	<0.2	1.8	6120	18.0	13.1	7
DEER06-06	<0.1	4.7	<0.2	14.3	12.8	<0.2	0.3	0.4	186	313	<0.2	<0.2	0.6	6540	29.6	23.9	7

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Report No: 06-916
PO #/Project: CURIE
Date: August 01, 2006
Samples: 24

ICP6.3R Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm
DEER06-07	<0.1	2.9	<0.2	10.5	9.8	<0.2	<0.2	0.4	120	179	<0.2	<0.2	1.1	3100	21.8	17.8	6
DEER06-09	<0.1	3.1	<0.2	5.9	23.6	<0.2	0.2	0.8	62.5	281	<0.2	<0.2	2.2	5210	14.7	12.2	7
IKONA06-05	<0.1	17.0	<0.2	10.0	122	<0.2	0.2	0.5	5.4	123	<0.2	<0.2	4.5	3240	3.3	15.3	146
DEER06-06 R	<0.1	4.4	<0.2	14.0	13.2	<0.2	<0.2	0.4	182	317	<0.2	<0.2	0.7	6650	28.9	23.8	8

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95 C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standards are BM and BH.

SRC Geoanalytical Laboratories

Aurora Geosciences
Attention: Kieran Downes
PO #/Project: CURIE
Samples: 15

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Report No: 06-916
Date: September 29, 2006

Column Header Details

Cu by ICP in wt % (Cu)

Sample Number	Cu wt %
CG515/LS4/BM/MP1A/BL4A	1.44
QRT06-01	1.59
QRT06-04	1.67
RPT06-01	4.05
RPT06-02	0.89
RPT06-02 R	0.90

Cu Assay: A 1.00 g pulp is digested with 24 ml of 3:1 HCl:HNO3 for 1 hour at 95 C.
The standard is MP1A.

SRC Geoanalytical Laboratories

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Aurora Geosciences
Attention: Kieran Downes
PO #/Project: CURIE
Samples: 4

Report No: 06-916
Date: August 01, 2006

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

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ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

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Samples: 4

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.8	2220	2.0	4.83	0.9	156	16	113	3	3.5	2.4	2.6	7.52	21	6.2	4.1
IKONA06-01	<0.2	2.63	18	<0.2	1.56	0.9	303	1	89	2	4.3	4.1	6.7	43.0	12	9.2	20.5
IKONA06-04	<0.2	0.54	44	0.2	0.04	<0.2	10	2	283	73	0.2	<0.2	<0.2	1.88	1	1.2	<0.5
IKONA06-01 R	<0.2	2.53	16	<0.2	1.52	0.7	295	1	87	3	4.1	4.1	6.4	43.3	12	7.7	19.9

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Samples: 4

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.1	3.24	93	29	2.83	0.075	1	3.27	8	67	21	0.681	17	17	12	8.9	4
IKONA06-01	1.8	0.011	226	1	0.191	0.012	7	1.39	5	111	5	1.14	11	28	3	18.7	27
IKONA06-04	<0.4	0.077	7	1	0.097	0.007	6	0.11	<1	5	4	0.112	5	1	<1	0.9	<1
IKONA06-01 R	1.6	0.010	220	1	0.187	0.011	7	1.35	6	110	5	1.12	11	26	3	17.7	27

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Samples: 4

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4/BM	1190	<1	<0.3	13	1.11	<2	123	<1	22	1.8	83	147
IKONA06-01	19	11	0.4	11	0.213	<2	178	4	23	2.0	30	9
IKONA06-04	26	1	<0.3	1	0.009	6	2	<1	1	0.1	9	2
IKONA06-01 R	18	10	0.3	11	0.214	<2	179	4	23	1.9	31	8

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.

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Report No: 06-916
PO #/Project: CURIE
Date: August 01, 2006
Samples: 4

ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	0.2	13.9	<0.2	41.0	48.9	0.4	<0.2	12.4	47.8	25.0	0.4	<0.2	<0.2	32.9	101	209	93
IKONA06-01	<0.1	8.1	0.8	1.3	2.0	<0.2	<0.2	5.1	4.4	0.63	<0.2	<0.2	<0.2	0.72	20.7	5.1	6
IKONA06-04	<0.1	1.4	0.9	1.6	69.1	<0.2	<0.2	5.6	4.9	3.24	0.3	2.1	<0.2	5.11	1.7	6.7	6
IKONA06-01 R	<0.1	7.8	0.9	1.4	2.0	<0.2	<0.2	4.9	4.1	0.60	<0.2	<0.2	<0.2	0.78	19.9	4.9	5

Partial Digestion: A 1.00 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standard is BM.

SRC Geoanalytical Laboratories

Aurora Geosciences
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Samples: 28

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Report No: 06-916
Date: August 08, 2006

Column Header Details

Au Fire Assay by ICP in ppb (Au)

Sample Number	Au ppb
CG515/LS4/BM	N/R
IKONA06-01	<2
IKONA06-04	6
IKONA06-01 R	<2
CG515/LS4/BM	N/R
DEER06-03	<2
DEER06-05	<2
DEER06-08	<2
IKONA06-02	6
IKONA06-03	2
QRT06-01	155
QRT06-02	19
QRT06-03	17
QRT06-04	61
QRT06-05	<2
QRT06-06	62
RPT06-01	91
RPT06-02	374
RPT06-02 R	186
CG515/LS4/BM	N/R
DEER06-01	<2
DEER06-02	<2
DEER06-04	<2
DEER06-06	<2
DEER06-07	<2
DEER06-09	<2
IKONA06-05	3
DEER06-06 R	<2

Fire Assay: A 30 g pulp is subjected to standard fire assaying procedures.
The standards and their values are:.
OXH 29 - 1294.
OXL 25 - 5700.
Blank - 2

SRC Geoanalytical Laboratories

Aurora Geosciences
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Samples: 9

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Report No: 06-916
Date: September 29, 2006

Aqua Regia Assay Digestion

Column Header Details

U3O8 Assay by ICP in wt % (U3O8)

Sample Number	U3O8 wt %
CG515/LS4/BM/BL2A	0.501
DEER06-01	0.614
DEER06-02	1.07
DEER06-04	0.762
DEER06-06	0.828
DEER06-07	0.447
DEER06-09	0.802
IKONA06-05	0.476
DEER06-06 R	0.831

Uranium Assay: A 1.00 g pulp is digested with 24 ml of 3:1 HCl:HNO3 for 1 hour at 95 C.
The standard is BL2A.

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Aurora Geosciences
Attention: Kieran Downes
PO #/Project:
Samples: 14

Report No: 06-1002
Date: September 06, 2006

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

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Report No: 06-1002
PO #/Project:
Date: September 06, 2006
Samples: 14

ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)
Au Fire Assay by ICP in ppb (Au)

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Date: September 06, 2006
Samples: 14

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.9	2270	2.0	4.92	1.0	162	17	120	4	3.1	2.5	2.5	7.44	23	5.4	3.9
BELL06-03	<0.2	12.9	14	0.6	9.06	0.3	15	178	52	26	8.8	4.7	2.5	8.19	14	6.8	2.0
DAR06-01	<0.2	15.1	23	1.6	0.72	0.7	1190	2	81	15	9.9	3.9	8.6	0.95	18	44.4	1.3
DAR06-05	0.4	17.1	23	1.3	0.73	0.8	28	11	73	85	5.9	3.0	1.2	2.55	7	6.2	5.5
HLK06-05	1.7	16.6	717	6.4	0.28	0.9	90	8	97	7150	5.6	4.2	1.6	6.38	19	5.5	2.7
IKN06-15	<0.2	16.5	275	2.3	0.23	0.8	98	4	84	10	5.2	2.4	2.2	2.14	16	7.5	4.2
IKN11-06-11	<0.2	16.9	102	1.4	4.75	0.9	79	13	63	565	52.2	16.2	15.6	2.54	<1	65.8	12.4
IKN12-06-12	<0.2	11.9	97	0.9	7.20	0.6	34	3	92	20	10.3	4.6	2.8	2.36	3	10.9	3.6
HLK06-05 R	1.6	16.6	717	6.7	0.29	0.9	85	9	97	7020	5.9	4.4	1.6	6.39	19	5.6	2.9
CG515/LS4/BM	<0.2	17.8	2290	2.1	4.87	0.9	161	20	121	6	3.2	2.4	2.5	7.53	23	5.5	4.3
DAR-06-03	<0.2	15.4	30	0.9	0.44	0.7	170	9	122	862	32.5	14.8	6.4	1.77	<1	34.2	21.5
IKN08-06-09	<0.2	16.4	116	1.4	0.29	0.7	74	4	79	48	33.7	12.7	10.1	1.18	<1	37.1	14.9
IKN09-06-09	<0.2	14.4	137	1.5	0.80	0.5	106	8	87	77	65.7	26.0	19.8	1.79	<1	69.5	28.8
DAR-06-03 R	<0.2	15.4	29	1.0	0.45	0.6	163	9	126	870	31.2	14.3	6.1	1.80	<1	32.8	20.8

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Report No: 06-1002
PO #/Project:
Date: September 06, 2006
Samples: 14

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.0	3.20	89	30	2.79	0.074	2	3.26	9	68	27	0.668	18	17	12	8.3	1
BELL06-03	1.8	0.079	5	7	2.99	0.638	1	6.96	6	13	79	0.184	13	2	12	6.7	<1
DAR06-01	2.2	0.086	619	14	1.20	0.020	<1	8.08	<1	485	29	0.447	18	128	5	67.4	<1
DAR06-05	1.1	0.030	9	21	1.97	0.043	48	8.81	1	19	50	0.342	57	4	4	4.7	<1
HLK06-05	1.6	2.96	42	21	2.00	0.091	7	2.23	8	37	78	0.103	33	9	10	6.1	<1
IKN06-15	1.0	2.40	45	28	2.23	0.011	<1	4.29	2	43	18	0.129	17	11	8	7.7	<1
IKN11-06-11	7.0	0.113	13	20	1.88	0.138	21	8.05	<1	66	19	1.80	96	14	8	34.6	<1
IKN12-06-12	1.7	0.452	13	5	3.13	0.186	5	5.77	<1	20	11	0.572	17	5	12	7.6	<1
HLK06-05 R	1.6	2.93	39	21	2.00	0.091	7	2.20	7	36	77	0.107	33	8	10	6.0	<1
CG515/LS4/BM	1.0	3.18	89	30	2.82	0.075	1	3.26	9	68	26	0.678	20	17	12	8.4	1
DAR-06-03	5.0	0.029	64	11	1.17	0.029	2	7.94	2	95	40	0.179	287	27	12	24.1	<1
IKN08-06-09	4.6	0.665	12	7	0.691	0.055	5	7.58	2	54	6	0.064	89	14	5	21.4	<1
IKN09-06-09	9.3	0.284	<1	12	1.08	0.092	7	6.59	6	99	10	0.432	169	25	8	39.6	<1
DAR-06-03 R	4.8	0.028	61	11	1.18	0.030	3	8.04	2	93	40	0.182	288	26	12	23.1	<1

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Report No: 06-1002
PO #/Project:
Date: September 06, 2006
Samples: 14

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	Au ppb
CG515/LS4/BM	1190	<1	0.6	13	1.03	2	126	<1	22	1.9	90	136	N/R
BELL06-03	26	<1	3.4	26	0.171	172	51	<1	35	4.4	45	36	16
DAR06-01	79	<1	4.4	96	0.057	123	38	<1	26	1.5	20	39	4
DAR06-05	85	<1	6.0	51	0.218	770	34	<1	22	3.2	53	78	13
HLK06-05	84	<1	1.3	20	0.304	70	69	<1	41	3.8	47	64	33
IKN06-15	39	<1	4.0	73	0.222	406	54	<1	19	2.5	14	83	3
IKN11-06-11	81	<1	33.1	366	0.332	2350	9	9	138	12.7	43	33	7
IKN12-06-12	73	<1	6.0	99	0.110	471	12	2	35	3.6	36	52	4
HLK06-05 R	83	<1	1.3	21	0.295	73	69	<1	44	3.9	48	66	33
CG515/LS4/BM	1210	<1	0.4	13	1.02	2	127	<1	22	1.9	89	161	N/R
DAR-06-03	57	<1	42.6	380	0.521	4220	41	<1	134	16.7	23	44	89
IKN08-06-09	55	<1	30.9	497	0.423	2760	15	2	115	12.3	11	59	5
IKN09-06-09	66	<1	62.2	982	0.806	5540	11	5	236	24.8	19	34	11
DAR-06-03 R	56	<1	40.9	372	0.532	4100	41	<1	130	16.4	23	42	98

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.
Fire Assay: A 30 g pulp is subjected to standard fire assaying procedures.

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Aurora Geosciences
Attention: Kieran Downes
PO #/Project:
Samples: 14

Report No: 06-1002
Date: September 06, 2006

ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium in ppm (U, ICP)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

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Report No: 06-1002
PO #/Project:
Date: September 06, 2006
Samples: 14

ICP6.3R Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	0.3	11.9	0.5	36.6	47.8	<0.2	<0.2	9.9	47.3	22.0	<0.2	<0.2	<0.2	31.9	94.5	195	93
BELL06-03	0.4	8.8	1.9	159	26.1	<0.2	<0.2	<0.1	74.4	9.25	<0.2	<0.2	<0.2	137	20.6	43.2	11
DAR06-01	<0.1	<0.2	0.6	2.7	13.3	<0.2	<0.2	0.6	21.4	9.76	0.3	<0.2	<0.2	88.1	24.5	14.8	22
DAR06-05	<0.1	7.6	2.3	9.1	73.2	<0.2	<0.2	43.4	33.6	53.9	<0.2	<0.2	<0.2	670	25.4	41.2	14
HLK06-05	1.2	14.6	11.9	8.1	6560	<0.2	<0.2	5.3	62.5	11.8	<0.2	<0.2	<0.2	58.1	17.2	27.4	46
IKN06-15	<0.1	1.4	0.8	2.9	9.3	<0.2	<0.2	0.4	11.6	12.9	0.3	<0.2	<0.2	363	4.7	11.8	107
IKN11-06-11	<0.1	5.7	2.9	11.6	534	<0.2	<0.2	18.2	17.1	65.6	<0.2	<0.2	<0.2	1110	6.5	37.4	20
IKN12-06-12	<0.1	2.9	1.1	3.1	18.3	<0.2	<0.2	4.7	9.1	11.5	<0.2	<0.2	<0.2	302	3.6	32.2	74
HLK06-05 R	1.2	14.4	11.8	7.9	6670	<0.2	<0.2	5.2	62.5	11.7	<0.2	<0.2	<0.2	59.6	17.0	25.9	45
CG515/LS4/BM	0.3	10.6	0.6	35.0	49.6	<0.2	<0.2	10.8	47.6	22.7	<0.2	<0.2	<0.2	31.4	96.9	200	97
DAR-06-03	<0.1	2.5	5.6	6.7	795	<0.2	<0.2	1.4	21.7	182	<0.2	<0.2	<0.2	2100	21.9	15.1	19
IKN08-06-09	<0.1	2.5	3.3	3.9	34.9	<0.2	<0.2	3.5	5.0	75.1	<0.2	<0.2	<0.2	2300	2.4	8.0	43
IKN09-06-09	<0.1	2.7	4.6	7.7	56.5	<0.2	<0.2	5.3	8.5	116	<0.2	<0.2	<0.2	3300	2.6	19.1	113
DAR-06-03 R	<0.1	2.3	5.6	6.9	779	<0.2	<0.2	1.5	22.4	177	<0.2	<0.2	<0.2	2100	22.4	15.7	17

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95 C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standards are BM and BH.

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Date: September 29, 2006
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Column Header Details

Cu by ICP in wt % (Cu)

Sample Number	Cu wt %
CG515/LS4/BM/MP1A/BL2A	1.46
HLK06-05	0.67
HLK06-05 R	0.66

Cu Assay: A 1.00 g pulp is digested with 24 ml of 3:1 HCl:HNO3 for 1 hour at 95 C.
The standard is MP1A.

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Samples: 14

Aqua Regia Assay Digestion

Column Header Details

U3O8 Assay by ICP in wt % (U3O8)

Sample Number	U3O8 wt %
CG515/LS4/BM/MP1A/BL2A	0.497
IKN11-06-11	0.298
DAR-06-03	0.511
IKN08-06-09	0.335
IKN09-06-09	0.667
DAR-06-03 R	0.505

Uranium Assay: A 1.00 g pulp is digested with 24 ml of 3:1 HCl:HNO3 for 1 hour at 95 C.
The standard is BL2A.

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Aurora Geosciences
Attention: Kieran Downes
PO #/Project:
Samples: 39

Report No: 06-1002
Date: September 06, 2006

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

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Report No: 06-1002
PO #/Project:
Date: September 06, 2006
Samples: 39

ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)
Au Fire Assay by ICP in ppb (Au)

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Samples: 39

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.6	2340	2.2	4.82	0.8	156	18	118	4	3.2	2.7	2.9	7.08	21	6.0	3.6
BELL-06-01	<0.2	19.1	1290	3.9	0.21	0.9	80	9	106	2	1.7	1.5	1.2	5.31	28	3.1	3.0
BELL-06-02	<0.2	10.4	26	0.5	4.89	0.5	174	18	101	2	2.1	1.8	2.5	6.03	11	5.8	1.1
BELL-06-04	0.5	11.6	18	0.9	9.93	0.7	52	10	69	2	2.6	2.7	1.3	10.4	17	2.5	1.0
BELL-06-05	0.4	10.5	16	0.5	8.05	0.3	109	84	126	1	3.1	3.0	2.0	9.58	12	4.6	1.3
CHL-06-01	0.5	3.10	223	0.7	18.9	1.1	26	2	42	1	3.6	2.9	0.7	4.68	3	3.3	<0.5
DAR-06-04	0.3	17.1	591	3.4	0.73	0.8	77	45	140	9	2.9	2.6	1.4	8.83	25	3.3	1.6
FVE-06-01	0.2	2.41	197	0.5	0.41	0.3	38	33	140	680	8.5	4.8	3.2	8.77	4	15.8	1.0
FVE-06-02	0.2	1.28	81	0.3	4.01	<0.2	21	9	189	163	2.0	1.3	0.8	3.63	3	3.5	<0.5
FVE-06-03	1.4	13.9	94	1.6	7.11	0.5	52	114	119	5270	1.9	1.5	0.9	3.06	8	3.5	<0.5
FVE-06-04	16.3	7.60	375	2.0	0.01	0.3	128	37	82	142000	2.4	1.9	2.2	8.20	12	6.5	3.0
FVE-06-05	0.9	2.79	121	1.6	0.03	1.7	76	307	95	5630	2.6	4.8	2.5	43.2	2	1.8	8.8
FVE-06-06	<0.2	14.7	84	1.9	7.48	0.5	10	66	57	24	3.2	2.1	1.5	3.84	11	3.2	0.9
FVE-06-07	<0.2	2.36	55	1.2	0.02	<0.2	13	9	204	217	0.4	0.6	0.2	3.88	2	0.7	1.0
HLK-06-01	<0.2	22.9	5590	3.6	0.11	1.0	32	3	172	14	0.6	0.8	0.6	3.89	29	1.0	2.8
HLK-06-02	<0.2	2.78	743	0.5	0.01	0.2	31	6	227	21	0.3	0.6	0.6	6.63	6	0.9	1.3
HLK-06-03	1.0	7.75	1480	2.5	8.31	0.3	152	85	643	104	4.0	4.2	4.1	14.4	17	8.4	6.0
HLK-06-04	1.8	19.8	651	3.2	0.25	1.0	33	1	145	3220	0.5	0.5	0.5	2.11	25	1.3	1.9
HLK-06-06	<0.2	15.8	1170	1.2	0.42	0.9	107	22	124	99	1.4	1.8	2.3	12.9	27	3.7	3.6
HLK-06-08	<0.2	13.0	71	1.4	8.50	0.5	56	2	124	579	2.0	2.0	1.0	4.63	15	2.7	0.8
CG515/LS4/BH	0.3	17.1	2290	2.1	4.70	1.0	154	18	116	4	3.1	2.6	2.9	6.90	21	5.7	4.1
HLK-06-09	<0.2	9.60	976	1.5	9.62	0.4	91	5	116	4	3.9	4.3	0.6	2.35	12	3.6	1.3
HLK-06-10	<0.2	15.3	1380	2.9	5.63	0.7	9	16	129	4	2.3	2.2	0.4	2.31	21	1.8	1.4
IKN-10-06-10	<0.2	14.5	157	1.2	0.09	0.5	23	19	143	19	0.6	0.4	0.5	1.77	14	1.1	1.8
IKN-13-06-13	<0.2	17.4	21	0.7	0.10	0.2	1	280	126	8	0.3	0.6	0.2	4.28	10	<0.5	1.3
IKN-14-06-14	0.4	21.4	365	3.0	0.09	1.0	49	25	161	5	1.2	1.1	0.8	1.57	28	1.9	3.0
QRT-06-06	<0.2	3.10	56	1.8	44.2	0.6	43	7	49	327	18.3	18.6	3.3	9.17	4	15.6	1.2
QRT-06-07	0.5	12.3	73	4.1	0.76	0.8	156	27	72	3100	1.4	2.6	2.7	22.3	19	3.5	4.9
QRT-06-08	<0.2	10.1	38	1.2	12.9	0.7	356	27	80	7730	10.3	6.7	6.9	16.2	17	21.4	3.4
QRT-06-09	1.8	13.8	307	1.5	1.24	1.0	17	17	90	11900	1.5	2.8	1.2	21.2	17	<0.5	4.6
SPX-06-01	2.5	12.2	477	2.4	0.33	0.8	29	16	112	9020	2.0	1.6	0.7	3.00	13	2.8	2.8
SPX-06-02	12.4	4.22	54	0.8	0.71	0.5	236	5	142	13600	1.9	2.0	3.2	13.2	4	5.9	3.0
SPX-06-03	0.5	1.56	111	0.4	5.39	0.8	31	3	23	240	2.1	5.3	3.8	57.1	1	<0.5	7.9
SPX-06-04	1.4	6.46	365	1.0	0.30	0.4	143	3	141	3700	1.7	1.4	1.7	8.06	6	3.5	3.4
SPX-06-05	11.5	0.43	32	0.2	0.05	0.7	36	37	87	17800	<0.2	3.7	1.7	51.7	<1	<0.5	8.6
STR-06-01	<0.2	11.1	579	2.8	8.11	2.4	90	38	99	69	5.8	4.5	1.9	4.54	13	7.6	2.5
YOG-06-01	<0.2	15.1	93	1.9	3.50	0.7	46	39	145	28	1.3	1.2	0.7	1.12	21	2.5	1.7
YOG-06-02	<0.2	11.8	188	1.6	8.03	0.5	57	13	94	16	2.2	2.3	2.0	6.06	16	3.6	1.2
SPX-06-04 R	1.4	6.51	373	1.0	0.31	0.4	153	3	149	3700	1.7	1.6	1.8	8.13	7	3.7	3.1

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Report No: 06-1002
PO #/Project:
Date: September 06, 2006
Samples: 39

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	0.9	3.12	85	28	2.72	0.073	<1	3.15	6	67	25	0.661	18	15	12	8.6	1
BELL-06-01	0.5	4.59	40	14	1.23	0.039	<1	1.14	3	31	31	0.173	41	7	14	4.8	1
BELL-06-02	0.5	0.054	99	7	0.445	0.264	1	5.62	1	69	18	0.209	4	16	6	10.4	<1
BELL-06-04	0.8	0.053	32	4	4.26	0.610	<1	6.25	4	23	11	0.183	3	5	14	5.0	<1
BELL-06-05	0.9	0.020	65	4	3.29	0.534	2	5.85	3	46	42	0.167	3	10	7	7.9	<1
CHL-06-01	0.7	0.626	13	12	10.4	0.923	<1	0.84	1	14	11	0.053	10	3	2	5.1	<1
DAR-06-04	0.9	4.05	40	48	2.50	0.320	<1	0.25	2	32	85	0.185	2	7	16	5.1	1
FVE-06-01	1.6	0.704	13	4	1.30	0.246	1	0.04	<1	35	68	0.053	7	5	3	16.4	3
FVE-06-02	<0.4	0.332	10	4	2.78	0.249	<1	0.04	<1	13	19	0.024	3	2	2	4.4	<1
FVE-06-03	0.5	0.630	36	4	4.37	0.186	2	7.24	<1	20	15	<0.002	21	5	5	4.6	<1
FVE-06-04	0.7	1.96	74	25	2.00	0.009	1	0.05	<1	56	66	<0.002	482	12	8	10.1	3
FVE-06-05	1.6	0.749	51	4	0.220	0.107	49	0.03	<1	37	159	0.179	48	5	3	8.1	29
FVE-06-06	0.6	0.319	5	3	3.70	0.238	83	7.92	<1	6	9	0.396	10	1	3	3.0	<1
FVE-06-07	<0.4	0.364	7	31	0.232	0.008	1	0.04	<1	6	29	0.147	4	1	2	1.2	2
HLK-06-01	<0.4	4.13	18	9	0.804	0.007	<1	4.35	<1	13	19	0.066	8	3	10	2.0	1
HLK-06-02	<0.4	0.575	17	5	0.271	0.006	3	0.08	<1	14	12	0.072	6	3	2	2.4	4
HLK-06-03	1.0	2.29	95	97	17.6	0.267	<1	0.11	109	77	541	0.941	14	17	20	9.5	9
HLK-06-04	<0.4	3.79	20	4	0.537	0.005	7	3.82	<1	13	15	0.032	24	3	12	1.9	1
HLK-06-06	0.6	5.34	65	47	5.01	0.044	1	2.26	3	47	75	0.251	3	10	11	7.5	4
HLK-06-08	0.5	0.084	32	7	0.840	0.188	<1	7.05	<1	23	14	0.206	5	5	7	4.4	<1
CG515/LS4/BH	0.9	3.07	84	28	2.75	0.071	<1	3.10	7	66	25	0.659	19	15	12	8.7	3
HLK-06-09	1.1	4.74	174	11	0.885	0.069	1	1.98	4	13	14	0.155	81	5	7	2.9	<1
HLK-06-10	0.6	7.15	4	28	2.27	0.093	2	2.22	9	6	31	0.239	5	1	12	1.5	<1
IKN-10-06-10	<0.4	1.44	12	8	0.845	0.010	6	5.24	<1	10	10	0.033	1	2	2	1.8	<1
IKN-13-06-13	<0.4	0.055	1	<1	0.012	<0.001	26	9.90	<1	1	32	0.045	3	<1	<1	<0.5	<1
IKN-14-06-14	0.4	2.06	31	17	0.674	0.002	1	8.93	<1	17	19	0.082	2	4	14	2.5	<1
QRT-06-06	4.8	0.137	16	20	2.16	0.438	<1	0.17	3	34	18	0.220	4	6	60	13.3	<1
QRT-06-07	0.8	0.127	87	66	7.73	0.125	<1	1.69	1	75	42	0.525	13	15	17	11.8	10
QRT-06-08	2.2	0.078	187	71	8.06	0.137	<1	0.39	<1	169	47	9.22	30	37	15	31.0	<1
QRT-06-09	0.9	0.781	13	42	5.41	0.114	<1	3.26	<1	12	30	0.157	45	<1	21	3.3	9
SPX-06-01	0.5	1.53	16	18	0.653	0.040	5	3.98	<1	15	27	0.147	38	3	7	2.9	<1
SPX-06-02	0.6	0.287	142	20	1.54	0.203	5	0.86	<1	89	12	<0.002	52	21	2	12.0	12
SPX-06-03	1.6	0.726	22	18	2.41	0.926	<1	0.01	6	28	3	0.251	10	2	2	7.7	33
SPX-06-04	0.6	2.38	92	89	4.04	0.187	19	1.18	3	52	7	0.034	24	13	3	7.0	3
SPX-06-05	1.1	0.086	28	5	0.223	0.022	6	0.01	<1	24	25	0.034	67	1	<1	5.2	35
STR-06-01	1.4	2.68	50	41	6.23	0.096	<1	0.52	6	43	97	0.181	29	10	9	7.8	<1
YOG-06-01	0.4	0.879	27	3	2.20	0.051	3	7.04	2	19	23	0.184	2	4	16	3.3	<1
YOG-06-02	0.5	1.91	34	5	4.79	0.271	<1	4.57	3	26	19	0.195	3	6	16	5.3	<1
SPX-06-04 R	0.5	2.40	95	89	4.07	0.189	19	1.18	4	55	8	0.035	24	13	3	7.3	3

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Report No: 06-1002
PO #/Project:
Date: September 06, 2006
Samples: 39

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	Au ppb
CG515/LS4/BM	1200	<1	0.3	13	0.977	<2	121	<1	21	1.9	89	137	N/R
BELL-06-01	120	<1	<0.3	18	0.360	3	78	<1	12	1.5	98	83	<2
BELL-06-02	21	<1	0.4	11	0.193	3	52	<1	10	1.2	21	36	<2
BELL-06-04	37	<1	0.7	10	0.238	<2	67	<1	16	1.9	27	36	<2
BELL-06-05	19	<1	0.7	10	0.279	<2	64	<1	18	2.3	32	47	8
CHL-06-01	42	<1	1.0	2	0.027	<2	6	<1	17	1.6	224	26	<2
DAR-06-04	81	<1	<0.3	14	0.342	<2	113	<1	20	2.5	166	52	<2
FVE-06-01	6	1	2.5	1	0.025	<2	20	<1	48	4.3	10	5	3
FVE-06-02	23	1	0.6	1	0.009	<2	7	<1	10	0.8	25	6	<2
FVE-06-03	114	<1	<0.3	3	0.015	<2	1	<1	9	0.9	25	12	16
FVE-06-04	3	<1	0.9	9	0.113	7	28	<1	11	1.5	172	55	175
FVE-06-05	3	<1	4.2	19	0.028	10	6	3	25	3.0	77	143	<2
FVE-06-06	119	<1	0.6	15	0.033	76	8	1	16	1.5	18	25	11
FVE-06-07	16	<1	0.3	11	0.027	6	9	<1	3	0.6	16	19	<2
HLK-06-01	140	<1	<0.3	10	0.196	7	90	<1	5	1.1	11	91	<2
HLK-06-02	17	1	0.3	3	0.050	<2	19	<1	3	0.4	12	14	11
HLK-06-03	830	10	2.0	11	5.08	<2	330	<1	24	1.7	308	253	<2
HLK-06-04	136	<1	<0.3	4	0.284	<2	85	<1	4	0.7	19	72	145
HLK-06-06	30	<1	0.3	15	0.313	<2	88	<1	10	1.3	22	66	4
HLK-06-08	123	<1	<0.3	12	0.214	<2	43	<1	13	1.2	25	25	4
CG515/LS4/BH	1190	<1	0.3	13	0.987	<2	120	<1	21	1.9	86	136	N/R
HLK-06-09	130	1	3.9	11	0.565	423	43	<1	28	5.2	27	22	<2
HLK-06-10	262	<1	<0.3	15	0.628	2	90	<1	19	1.9	32	59	5
IKN-10-06-10	31	<1	<0.3	4	0.051	8	20	<1	3	0.5	12	58	<2
IKN-13-06-13	49	<1	<0.3	1	0.016	<2	<1	<1	4	0.4	5	22	2
IKN-14-06-14	74	<1	<0.3	12	0.211	2	99	<1	8	1.5	2	120	<2
QRT-06-06	83	2	4.2	2	0.086	<2	34	<1	164	26.4	56	27	<2
QRT-06-07	6	<1	1.4	12	0.167	4	85	<1	13	1.5	79	54	<2
QRT-06-08	82	<1	3.4	10	0.104	4	61	<1	56	3.5	96	55	<2
QRT-06-09	10	<1	1.1	14	0.230	6	84	<1	15	2.1	65	59	33
SPX-06-01	35	<1	<0.3	8	0.197	11	58	<1	15	1.7	21	108	12
SPX-06-02	14	<1	1.4	6	0.101	8	18	<1	11	1.0	27	59	476
SPX-06-03	84	<1	5.2	1	0.054	<2	34	<1	27	2.3	48	18	4
SPX-06-04	8	<1	0.8	4	0.220	23	36	<1	10	1.1	16	79	56
SPX-06-05	<1	<1	3.9	1	0.023	8	11	<1	12	1.4	39	11	269
STR-06-01	80	<1	0.8	9	0.358	4	109	<1	46	3.3	522	77	<2
YOG-06-01	30	<1	<0.3	9	0.229	<2	99	<1	9	1.1	12	82	<2
YOG-06-02	25	<1	0.3	11	0.225	5	76	<1	14	1.7	54	44	<2
SPX-06-04 R	9	<1	0.8	4	0.226	23	36	<1	10	1.1	18	83	40

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ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	Au ppb

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.
Fire Assay: A 30 g pulp is subjected to standard fire assaying procedures.

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ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

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ICP6.3R Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	0.2	9.6	0.5	40.0	52.5	<0.2	<0.2	11.5	48.6	22.7	0.4	<0.2	<0.2	34.2	105	210	91
BELL-06-01	<0.1	0.5	0.7	8.1	1.6	<0.2	<0.2	<0.1	21.6	2.20	<0.2	<0.2	<0.2	4.45	6.1	68.1	38
BELL-06-02	0.1	3.8	0.6	17.4	1.8	<0.2	<0.2	0.9	13.7	1.16	<0.2	<0.2	<0.2	1.77	14.8	24.8	6
BELL-06-04	0.6	3.0	1.2	10.3	0.5	<0.2	<0.2	<0.1	10.9	0.32	1.3	<0.2	<0.2	0.99	11.4	28.0	9
BELL-06-05	0.4	4.4	1.2	67.1	1.1	<0.2	<0.2	1.3	29.6	0.96	<0.2	<0.2	<0.2	1.09	9.5	24.7	9
CHL-06-01	1.1	16.7	1.6	2.2	1.6	<0.2	<0.2	<0.1	9.1	7.86	9.5	<0.2	<0.2	0.10	4.5	224	24
DAR-06-04	<0.1	<0.2	1.1	35.5	6.7	<0.2	<0.2	<0.1	64.0	0.22	<0.2	<0.2	<0.2	1.70	22.3	112	127
FVE-06-01	0.3	140	2.3	34.6	674	<0.2	<0.2	<0.1	66.9	1.36	<0.2	<0.2	<0.2	0.15	7.4	11.2	4
FVE-06-02	0.2	48.1	1.1	9.4	148	<0.2	<0.2	<0.1	16.9	0.78	<0.2	<0.2	<0.2	0.51	4.3	19.6	18
FVE-06-03	1.2	145	8.6	111	4940	<0.2	<0.2	1.5	11.4	5.48	<0.2	<0.2	<0.2	1.74	2.6	18.4	17
FVE-06-04	2.1	9.3	335	35.2	130000	0.4	<0.2	0.1	53.9	74.9	<0.2	<0.2	4.1	4.03	5.4	120	114
FVE-06-05	0.3	189	9.2	143	3650	<0.2	<0.2	4.5	76.3	13.4	<0.2	<0.2	<0.2	3.85	16.0	32.8	19
FVE-06-06	0.2	6.1	0.9	62.2	25.2	<0.2	<0.2	78.9	7.2	6.78	<0.2	4.0	<0.2	31.3	3.3	21.7	32
FVE-06-07	<0.1	3.3	1.9	9.2	217	<0.2	<0.2	0.7	29.7	1.89	<0.2	<0.2	<0.2	4.85	7.6	14.1	8
HLK-06-01	<0.1	<0.2	0.2	2.9	10.3	<0.2	<0.2	0.3	10.7	1.69	0.2	<0.2	<0.2	0.44	5.9	6.1	108
HLK-06-02	<0.1	1.8	0.7	6.6	18.3	<0.2	<0.2	3.3	10.1	2.23	<0.2	<0.2	<0.2	0.98	8.1	9.8	13
HLK-06-03	<0.1	3.1	<0.2	50.6	88.2	<0.2	<0.2	<0.1	286	0.25	<0.2	<0.2	<0.2	0.94	167	184	3
HLK-06-04	1.0	3.4	5.7	1.6	2930	<0.2	<0.2	7.4	10.0	6.27	<0.2	0.3	<0.2	0.39	5.8	4.7	70
HLK-06-06	<0.1	<0.2	0.9	17.1	79.5	<0.2	<0.2	0.2	53.7	0.24	<0.2	<0.2	<0.2	1.86	41.5	19.1	85
HLK-06-08	<0.1	2.5	1.5	3.5	559	<0.2	<0.2	0.3	12.4	1.05	1.0	<0.2	<0.2	1.60	8.9	24.4	32
CG515/LS4/BH	0.2	11.0	0.5	39.9	49.1	<0.2	<0.2	11.0	47.5	22.3	<0.2	<0.2	<0.2	32.8	103	203	843
HLK-06-09	<0.1	3.0	0.5	3.3	3.7	<0.2	<0.2	0.1	11.1	6.57	2.0	0.3	<0.2	93.5	7.6	26.8	485
HLK-06-10	<0.1	1.9	0.6	13.6	3.0	<0.2	<0.2	0.3	26.4	1.73	<0.2	<0.2	<0.2	1.91	38.5	30.4	56
IKN-10-06-10	<0.1	0.2	<0.2	16.8	16.2	<0.2	<0.2	6.0	6.2	0.69	<0.2	<0.2	<0.2	6.92	4.2	8.9	123
IKN-13-06-13	<0.1	13.7	0.4	272	7.4	<0.2	<0.2	24.1	34.1	1.28	<0.2	1.1	<0.2	0.32	2.4	3.0	56
IKN-14-06-14	<0.1	2.4	0.2	25.0	4.2	<0.2	<0.2	0.8	11.0	0.72	<0.2	<0.2	<0.2	1.44	5.5	1.4	50
QRT-06-06	0.1	4.0	3.4	5.5	301	<0.2	0.2	<0.1	12.4	0.24	34.2	<0.2	<0.2	0.54	9.1	56.9	7
QRT-06-07	0.1	<0.2	5.6	20.1	3090	<0.2	<0.2	<0.1	28.7	0.15	<0.2	<0.2	<0.2	1.81	38.0	59.0	30
QRT-06-08	0.1	22.2	13.8	22.7	7650	<0.2	<0.2	<0.1	35.9	3.16	3.3	<0.2	<0.2	1.57	41.6	77.0	20
QRT-06-09	1.2	<0.2	21.0	12.1	11500	<0.2	<0.2	<0.1	18.7	9.45	<0.2	<0.2	<0.2	3.61	27.1	32.4	22
SPX-06-01	1.2	198	12.7	16.5	8010	<0.2	<0.2	4.0	24.0	10.1	<0.2	<0.2	<0.2	12.1	10.8	4.3	7
SPX-06-02	3.3	11.2	25.9	4.0	13300	<0.2	<0.2	2.6	12.4	12.8	<0.2	<0.2	<0.2	4.57	28.9	5.0	6
SPX-06-03	1.6	1.9	1.7	2.9	239	<0.2	<0.2	<0.1	5.4	1.07	<0.2	<0.2	<0.2	0.21	14.6	25.6	5
SPX-06-04	0.9	0.5	5.8	3.4	3630	<0.2	<0.2	16.5	7.5	11.6	<0.2	<0.2	<0.2	20.6	44.8	11.4	5
SPX-06-05	2.7	10.2	36.7	35.1	17600	<0.2	<0.2	4.4	29.3	15.2	<0.2	<0.2	<0.2	3.18	15.2	8.7	6
STR-06-01	<0.1	9.7	1.5	32.6	67.1	<0.2	<0.2	0.1	79.2	21.9	<0.2	<0.2	<0.2	2.76	23.4	492	80
YOG-06-01	<0.1	11.5	0.4	38.7	27.7	<0.2	<0.2	2.6	18.8	1.40	<0.2	1.5	<0.2	0.53	8.2	19.0	132
YOG-06-02	0.2	4.4	0.9	11.0	15.1	<0.2	<0.2	<0.1	14.6	0.86	0.7	<0.2	<0.2	3.16	20.6	48.3	32
SPX-06-04 R	0.9	0.8	5.8	3.3	3660	<0.2	<0.2	16.6	7.0	11.6	<0.2	<0.2	<0.2	20.8	45.2	10.9	7

SRC Geoanalytical Laboratories

Aurora Geosciences
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Report No: 06-1002
PO #/Project:
Date: September 06, 2006
Samples: 39

ICP6.3R Partial Digestion

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm

Partial Digestion: A 1.00 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standards are BM and BH.

SRC Geoanalytical Laboratories

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PO #/Project:
Samples: 39

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Report No: 06-1002
Date: September 29, 2006

Column Header Details

Cu by ICP in wt % (Cu)

Sample Number	Cu wt %
CG515/LS4/BM/MP1A	1.46
FVE-06-04	14.3
QRT-06-08	0.67
QRT-06-09	1.07
SPX-06-01	0.84
SPX-06-02	1.21
SPX-06-05	1.71

Cu Assay: A 1.00 g pulp is digested with 24 ml of 3:1 HCl:HNO3 for 1 hour at 95 C.
The standard is MP1A.

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Aurora Geosciences
Attention: Kieran Downes
PO #/Project:
Samples: 14

Report No: 06-1002
Date: January 08, 2007

Aqua Regia Assay Digestion

Column Header Details

U3O8 Assay by ICP in wt % (U3O8)

Sample Number	U3O8 wt %
CG515/LS4/BM/MP1A/BL2A	0.497
IKN11-06-11	0.298
DAR-06-03	0.511
IKN08-06-09	0.335
IKN09-06-09	0.667
DAR-06-03 R	0.505

Uranium Assay: A 1.00 g pulp is digested with 24 ml of 3:1 HCl:HNO3 for 1 hour at 95 C.
The standard is BL2A.

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Report No: 06-1189
PO #/Project:
Date: September 12, 2006
Samples: 6

ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium in ppm (U, ICP)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	0.1	11.9	0.5	39.3	49.3	<0.2	0.3	13.6	49.8	22.7	<0.2	<0.2	<0.2	33.0	100	204	98
DEER-06-05	<0.1	2.2	0.4	9.5	5.6	<0.2	<0.2	1.2	117	29.6	<0.2	<0.2	<0.2	201	18.3	11.5	2
DEER-06-05 R	<0.1	2.4	0.2	9.2	5.5	<0.2	0.4	1.5	115	28.7	0.2	<0.2	<0.2	191	17.7	11.4	2
CG515/LS4/BM	<0.1	12.1	0.5	40.4	48.5	<0.2	0.4	11.8	49.6	21.8	<0.2	<0.2	<0.2	31.8	99.3	204	97
DEER-06-06	<0.1	4.5	0.5	11.4	10.5	<0.2	0.2	0.5	156	305	<0.2	<0.2	<0.2	6400	22.0	20.2	12
DEER-06-06 R	<0.1	4.7	0.4	12.0	10.2	<0.2	0.3	0.3	162	309	<0.2	<0.2	<0.2	6420	22.3	20.8	12

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95 C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standards are BM and BH.

SRC Geoanalytical Laboratories

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Report No: 06-1189
PO #/Project:
Date: September 29, 2006
Samples: 3

Aqua Regia Assay Digestion

Column Header Details

U3O8 Assay by ICP in wt % (U3O8)

Sample Number	U3O8 wt %
CG515/LS4/BM/BL3	1.19
DEER-06-06	0.879
DEER-06-06 R	0.864

Uranium Assay: A 1.00 g pulp is digested with 24 ml of 3:1 HCl:HNO3 for 1 hour at 95 C.
The standard is BL3.

SRC Geoanalytical Laboratories

Aurora Geosciences
Attention: Kieran Downes
PO #/Project:
Samples: 6

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Report No: 06-1189
Date: January 08, 2007

Aqua Regia Assay Digestion

Column Header Details

U3O8 Assay by ICP in wt % (U3O8)

Sample Number	U3O8 wt %
CG515/LS4/BM/BL3	1.19
DEER-06-06	0.879
DEER-06-06 R	0.864

Uranium Assay: A 1.00 g pulp is digested with 24 ml of 3:1 HCl:HNO3 for 1 hour at 95 C.
The standard is BL3.

SRC Geoanalytical Laboratories
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Aurora Geosciences
Attention: Kieran Downes
PO #/Project:
Samples: 6

Report No: 06-1189
Date: September 12, 2006

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

SRC Geoanalytical Laboratories

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Report No: 06-1189
PO #/Project:
Date: September 12, 2006
Samples: 6

ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)

SRC Geoanalytical Laboratories

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PO #/Project:
Date: September 12, 2006
Samples: 6

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.6	2200	2.0	4.78	0.9	159	18	127	4	3.2	2.5	2.6	7.33	24	6.1	4.3
DEER-06-05	<0.2	10.8	48	0.4	0.61	0.4	4	16	158	6	2.3	1.1	0.5	3.14	17	2.1	1.2
DEER-06-05 R	<0.2	10.9	48	0.4	0.61	0.4	3	16	157	6	2.2	1.0	0.5	3.16	19	2.1	1.3
CG515/LS4/BM	<0.2	17.5	2200	2.0	4.82	0.8	159	19	119	4	3.1	2.4	2.5	7.12	23	6.0	3.5
DEER-06-06	<0.2	22.3	1230	2.5	1.96	0.8	38	25	150	12	35.9	12.4	5.9	5.53	<1	30.7	23.4
DEER-06-06 R	<0.2	22.0	1240	2.5	1.98	0.7	37	27	148	13	35.9	12.5	5.8	5.53	<1	30.3	23.2

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Report No: 06-1189
PO #/Project:
Date: September 12, 2006
Samples: 6

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.0	3.21	85	29	2.82	0.073	1	3.25	8	65	24	0.672	19	16	12	9.0	4
DEER-06-05	0.4	0.090	2	50	6.90	0.039	<1	2.56	<1	3	208	0.439	36	1	2	1.7	<1
DEER-06-05 R	0.4	0.088	1	51	6.88	0.040	1	2.54	<1	3	210	0.443	35	<1	2	1.5	<1
CG515/LS4/BM	0.9	3.19	86	29	2.82	0.074	1	3.22	7	65	26	0.661	20	16	12	9.0	3
DEER-06-06	5.0	3.38	<1	91	11.1	0.064	2	1.01	4	34	356	1.45	313	15	20	15.5	<1
DEER-06-06 R	4.8	3.37	<1	89	11.1	0.064	3	1.00	5	34	355	1.45	316	15	20	15.4	<1

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Report No: 06-1189
PO #/Project:
Date: September 12, 2006
Samples: 6

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4/BM	1190	<1	0.5	13	1.11	3	138	<1	22	1.9	81	142
DEER-06-05	15	<1	1.8	9	0.057	212	35	<1	12	1.0	22	14
DEER-06-05 R	15	<1	1.7	8	0.036	207	34	<1	11	0.9	23	14
CG515/LS4/BM	1190	<1	0.3	13	1.02	4	129	<1	21	1.9	82	144
DEER-06-06	53	<1	0.3	108	0.819	7300	156	<1	142	16.3	32	126
DEER-06-06 R	52	<1	0.5	101	0.821	7200	155	<1	141	16.2	32	130

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.

SRC Geoanalytical Laboratories

Signet Minerals Inc.
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Report No: 06-1194
PO #/Project:
Date: October 12, 2006
Samples: 8

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

SRC Geoanalytical Laboratories

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Report No: 06-1194
PO #/Project:
Date: October 12, 2006
Samples: 8

ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)
Au Fire Assay by ICP in ppb (Au)

SRC Geoanalytical Laboratories

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Report No: 06-1194

PO #/Project:

Date: October 12, 2006

Samples: 8

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.6	2180	2.2	4.66	0.8	155	17	112	4	2.7	2.4	2.7	7.28	22	5.1	4.5
DEER06-17	<0.2	15.8	99	1.1	1.06	0.6	384	4	127	11	9.5	5.3	4.5	2.19	18	17.0	3.9
DEER06-19	<0.2	16.2	56	0.8	2.51	0.6	148	4	88	1	4.4	3.0	2.6	3.22	17	7.4	2.7
DEER06-20	0.5	21.3	511	2.3	0.59	0.5	68	29	107	5	15.6	7.2	4.9	6.94	35	15.7	11.5
DEER06-21	<0.2	24.4	1530	3.3	0.75	0.9	39	10	98	3	14.1	6.3	3.1	3.79	38	11.9	11.7
DEER06-22	0.5	22.4	783	2.1	0.34	0.8	100	5	88	1	3.9	1.9	1.3	2.08	28	5.3	3.5
MU-06-01	3.7	13.6	495	5.5	0.48	0.7	79	<1	92	11	2.0	1.3	0.7	2.20	18	2.8	1.9
DEER06-20 R	<0.2	21.7	516	2.3	0.60	0.6	71	31	103	5	16.7	7.5	5.2	7.14	36	16.7	12.7

SRC Geoanalytical Laboratories

Signet Minerals Inc. 125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Attention: Kieran Downes Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Report No: 06-1194

PO #/Project:

Date: October 12, 2006

Samples: 8

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.0	3.17	89	29	2.74	0.067	<1	3.11	7	63	27	0.659	16	15	11	8.5	<1
DEER06-17	2.2	0.331	206	18	1.92	0.125	1	7.25	2	142	18	0.171	27	34	5	23.5	<1
DEER06-19	1.4	0.405	83	17	2.54	0.158	1	7.97	18	58	15	0.199	21	14	6	10.7	<1
DEER06-20	3.2	1.76	22	101	11.0	0.050	1	3.16	2	38	409	0.539	75	5	9	11.4	<1
DEER06-21	2.7	4.47	11	57	6.07	0.032	<1	2.52	4	23	184	0.568	93	2	21	7.9	<1
DEER06-22	0.9	2.36	42	25	2.79	0.014	<1	6.88	3	36	85	0.178	8	7	12	6.5	<1
MU-06-01	0.5	5.62	44	18	0.344	0.029	5	3.03	25	24	4	0.156	16	6	3	3.6	1
DEER06-20 R	3.3	1.78	22	99	11.1	0.051	1	3.13	3	40	412	0.540	77	6	9	12.1	<1

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Report No: 06-1194

PO #/Project:

Date: October 12, 2006

Samples: 8

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	Au ppb
CG515/LS4/BM	1120	<1	0.6	14	0.976	4	120	2	20	1.8	84	140	N/R
DEER06-17	54	<1	6.2	59	0.163	485	19	4	37	4.7	26	60	3
DEER06-19	16	<1	2.7	32	0.208	249	62	5	22	2.7	28	49	2
DEER06-20	33	<1	22.0	46	0.430	2100	112	3	60	6.9	33	106	<2
DEER06-21	56	<1	23.0	35	0.427	2220	144	3	54	6.4	20	118	<2
DEER06-22	54	<1	1.9	46	0.202	280	69	6	15	1.9	9	70	<2
MU-06-01	125	<1	<0.3	30	0.306	24	18	3	13	1.2	43	41	<2
DEER06-20 R	34	<1	24.0	49	0.438	2200	116	3	63	7.3	30	106	2

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.
Fire Assay: A 30 g pulp is subjected to standard fire assaying procedures.

SRC Geoanalytical Laboratories

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Attention: Kieran Downes
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Report No: 06-1194
PO #/Project:
Date: January 22, 2007
Samples: 8

Column Header Details

U3O8 Assay by ICP in wt % (U3O8)

Sample Number	U3O8 wt %
CG515/LS4/BM	0.147
DEER06-20	0.250
DEER06-21	0.263
DEER06-20 R	0.253

Uranium Assay: A 1.00 g pulp is digested with 24 ml of 3:1 HCl:HNO3 for 1 hour at 95 C.
The standard is BL4A.

SRC Geoanalytical Laboratories

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Report No: 06-1194
PO #/Project:
Date: October 12, 2006
Samples: 10

ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	0.3	12.8	0.6	39.2	48.7	0.5	<0.2	13.9	52.1	22.2	0.4	<0.2	<0.2	33.1	97.7	205	100
DEER06-10	1.5	1.1	37.6	12.3	1700	<0.2	<0.2	10.7	38.9	18.0	<0.2	3.0	3.9	10.0	12.6	23.2	22
DEER06-11	<0.1	<0.2	0.5	9.5	6.7	<0.2	<0.2	0.3	25.1	0.85	<0.2	<0.2	<0.2	1.02	12.0	68.9	8
DEER06-12	0.6	4.8	6.4	7.6	5890	0.2	<0.2	8.1	6.0	5.17	<0.2	3.4	1.7	7.44	3.9	11.9	17
DEER06-13	<0.1	<0.2	1.2	24.1	67.7	<0.2	<0.2	<0.1	51.8	0.25	<0.2	<0.2	<0.2	0.94	29.1	42.6	3
DEER06-14	<0.1	6.0	0.8	13.3	3.5	<0.2	<0.2	<0.1	66.7	0.23	<0.2	<0.2	<0.2	2.10	26.4	35.6	113
DEER06-15	<0.1	1.3	<0.2	0.9	6.3	<0.2	<0.2	0.6	6.1	1.33	0.3	<0.2	<0.2	5.27	3.2	5.6	7
DEER06-16	<0.1	0.4	0.2	1.8	0.8	<0.2	<0.2	<0.1	11.9	0.67	<0.2	<0.2	<0.2	3.07	8.2	6.5	14
DEER06-18	<0.1	2.9	5.4	2.1	2.7	<0.2	<0.2	<0.1	7.6	2.16	<0.2	<0.2	0.4	20.0	11.6	47.6	27
DEER06-13 R	<0.1	0.6	1.0	23.9	68.1	<0.2	<0.2	<0.1	49.4	0.27	<0.2	<0.2	<0.2	0.88	28.4	42.1	4

Partial Digestion: A 1.00 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standard is BM.

SRC Geoanalytical Laboratories

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Report No: 06-1194
PO #/Project:
Date: October 12, 2006
Samples: 10

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

SRC Geoanalytical Laboratories

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Report No: 06-1194
PO #/Project:
Date: October 12, 2006
Samples: 10

ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)
Au Fire Assay by ICP in ppb (Au)

SRC Geoanalytical Laboratories

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Report No: 06-1194

PO #/Project:

Date: October 12, 2006

Samples: 10

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.5	2300	2.1	4.73	0.6	151	15	111	2	2.8	2.8	2.6	7.12	24	5.2	4.0
DEER06-10	1.9	11.2	845	1.4	0.42	0.6	120	15	119	1710	3.4	2.6	2.3	12.2	22	5.3	3.2
DEER06-11	0.7	3.17	56	0.2	0.14	<0.2	38	11	205	7	1.5	1.1	0.8	3.50	6	2.1	0.8
DEER06-12	2.5	15.1	50	0.8	5.35	0.6	217	4	75	5980	2.8	2.7	2.0	1.47	13	7.8	3.0
DEER06-13	<0.2	14.0	49	1.1	4.14	0.4	104	25	37	69	1.2	1.7	1.6	6.34	21	4.1	2.4
DEER06-14	<0.2	9.62	172	1.4	5.10	0.4	8	20	62	3	0.9	2.0	1.1	8.33	23	1.0	1.8
DEER06-15	0.4	11.9	178	1.1	0.50	0.4	134	<1	116	7	2.4	1.1	1.3	1.14	7	6.1	1.0
DEER06-16	0.5	21.1	434	2.2	0.46	0.9	352	2	80	1	3.6	1.6	3.2	3.48	17	14.1	1.8
DEER06-18	0.4	17.6	1750	0.5	2.70	0.7	84	2	63	3	2.7	1.8	1.5	3.04	12	5.1	2.6
DEER06-13 R	0.2	14.3	52	1.2	4.27	0.4	105	23	35	69	1.2	1.7	1.6	6.48	22	4.1	2.8

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Report No: 06-1194

PO #/Project:

Date: October 12, 2006

Samples: 10

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.0	3.21	96	31	2.84	0.072	1	3.31	7	61	22	0.656	17	16	12	8.6	<1
DEER06-10	1.1	1.62	74	42	1.64	0.092	10	0.43	<1	47	44	0.179	24	11	8	8.9	<1
DEER06-11	0.5	0.198	23	29	1.17	0.060	<1	0.07	<1	15	27	0.104	3	4	2	3.0	<1
DEER06-12	0.9	0.540	134	7	0.461	0.077	8	8.01	<1	83	5	0.192	6	22	9	13.7	<1
DEER06-13	0.6	0.369	67	57	8.72	0.176	<1	4.43	1	43	52	0.382	3	11	17	8.0	<1
DEER06-14	0.6	2.13	7	38	6.84	0.228	<1	0.22	3	6	90	0.153	3	<1	18	2.5	<1
DEER06-15	0.5	0.570	80	5	0.286	0.015	<1	5.56	3	50	7	0.252	3	13	1	8.7	<1
DEER06-16	0.9	1.61	215	15	0.660	0.015	<1	8.24	<1	132	13	0.143	4	35	3	22.4	<1
DEER06-18	0.6	0.203	53	10	0.620	0.018	<1	10.0	4	34	7	1.98	3	9	2	6.8	<1
DEER06-13 R	0.5	0.377	68	59	8.91	0.180	1	4.53	1	43	49	0.391	5	10	17	8.1	<1

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Report No: 06-1194

PO #/Project:

Date: October 12, 2006

Samples: 10

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	Au ppb
CG515/LS4/BM	1170	<1	0.5	15	1.00	3	122	<1	21	1.9	82	141	N/R
DEER06-10	76	<1	1.3	15	0.110	11	60	<1	24	2.3	36	43	300
DEER06-11	12	1	0.5	7	0.014	<2	16	<1	10	0.9	82	3	15
DEER06-12	43	<1	<0.3	16	0.165	7	15	<1	18	2.6	20	129	22
DEER06-13	22	<1	<0.3	11	0.065	2	36	<1	12	1.5	44	68	<2
DEER06-14	15	1	0.7	9	0.224	2	90	1	15	2.2	37	17	<2
DEER06-15	32	<1	<0.3	11	0.131	3	18	<1	13	0.8	6	30	<2
DEER06-16	84	<1	0.4	26	0.267	2	58	<1	11	1.0	8	50	286
DEER06-18	87	<1	<0.3	14	0.224	18	35	1	12	1.4	49	91	3
DEER06-13 R	21	1	<0.3	11	0.067	<2	37	<1	12	1.5	43	70	11

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.
Fire Assay: A 30 g pulp is subjected to standard fire assaying procedures.

SRC Geoanalytical Laboratories

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Report No: 06-1194
PO #/Project:
Date: October 12, 2006
Samples: 8

ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	0.3	11.3	0.8	38.6	47.9	0.6	<0.2	13.0	48.8	21.2	<0.2	<0.2	<0.2	33.2	95.8	201	97
DEER06-17	<0.1	0.5	1.2	4.9	9.3	<0.2	<0.2	0.8	16.8	24.8	<0.2	<0.2	0.9	437	10.9	26.8	83
DEER06-19	<0.1	3.2	9.5	4.1	0.8	<0.2	<0.2	0.6	14.2	20.1	<0.2	<0.2	<0.2	235	19.1	27.4	2
DEER06-20	<0.1	2.0	<0.2	19.1	2.3	<0.2	0.4	<0.1	265	57.9	<0.2	<0.2	<0.2	1650	31.9	32.1	23
DEER06-21	<0.1	2.3	0.8	8.7	0.6	<0.2	0.2	0.7	109	73.3	<0.2	<0.2	0.2	1760	18.0	18.9	12
DEER06-22	<0.1	1.7	<0.2	4.8	0.7	<0.2	<0.2	0.4	57.1	7.76	0.2	<0.2	0.2	279	9.9	8.9	3
MU-06-01	<0.1	0.4	0.7	0.3	10.0	<0.2	<0.2	5.5	2.6	8.02	0.5	<0.2	0.7	24.6	10.6	28.8	5
DEER06-20 R	<0.1	2.2	0.2	19.0	2.2	<0.2	0.5	0.1	262	59.6	<0.2	<0.2	0.2	1650	31.6	31.6	23

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95 C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standard is BM.

SRC Geoanalytical Laboratories

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Report No: 06-1282
PO #/Project:
Date: October 24, 2006
Samples: 3

ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium in ppm (U, ICP)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	0.1	11.5	0.6	38.9	50.1	<0.2	<0.2	12.8	48.1	22.7	<0.2	<0.2	<0.2	32.0	101	207	99
DEER-06-24	<0.1	<0.2	<0.2	2.6	1.8	<0.2	<0.2	0.2	31.7	4.59	<0.2	<0.2	<0.2	20.1	11.0	8.1	35
DEER-06-24 R	<0.1	<0.2	<0.2	2.7	1.7	<0.2	<0.2	0.2	33.4	4.50	<0.2	<0.2	<0.2	19.8	10.8	7.8	37

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95 C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standards are BM and BH.

SRC Geoanalytical Laboratories
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Signet Minerals Inc.
Attention: Kieran Downes
PO #/Project:
Samples: 14

Report No: 06-1282
Date: October 24, 2006

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

SRC Geoanalytical Laboratories

Signet Minerals Inc.
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8
Attention: Kieran Downes
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Report No: 06-1282
PO #/Project:
Date: October 24, 2006
Samples: 14

ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)
Au Fire Assay by ICP in ppb (Au)

SRC Geoanalytical Laboratories

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Report No: 06-1282

PO #/Project:

Date: October 24, 2006

Samples: 14

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.9	2200	2.4	4.77	0.8	160	17	115	2	2.9	2.6	2.7	7.37	23	5.7	4.4
CHL-06-02	<0.2	4.25	230	1.1	11.7	0.7	29	2	91	9	<0.2	1.4	0.5	1.74	7	1.8	0.8
CHL-06-03	<0.2	0.58	18	<0.2	0.02	0.2	4	<1	217	12	<0.2	0.2	<0.2	1.06	1	0.5	0.7
CRK-06-01	<0.2	0.84	1730	0.2	20.2	<0.2	38	142	26	64	<0.2	3.6	5.5	35.9	16	1.2	5.2
CRK-06-02	0.7	0.07	16	<0.2	15.4	0.7	20	16	112	880	<0.2	1.4	1.2	11.5	4	0.7	1.2
CRK-06-03	<0.2	6.97	16500	0.7	0.18	<0.2	6	4	75	7	<0.2	1.5	3.5	57.2	25	<0.5	9.7
DEER-06-23	<0.2	22.4	459	2.0	0.86	0.9	10	17	121	<1	1.9	1.3	0.7	4.47	31	1.6	3.8
DEER-06-25	0.2	26.8	1470	3.5	0.27	1.2	63	8	140	<1	1.3	1.0	0.8	2.95	43	2.7	3.7
DEER-06-26	<0.2	19.2	189	1.2	0.26	0.9	14	2	107	<1	0.6	0.3	0.2	0.87	15	0.7	2.0
GREM-06-01	<0.2	3.84	62	0.2	0.02	0.3	7	4	187	12	0.2	0.4	0.3	3.88	6	<0.5	1.4
GREM-06-02	0.7	7.24	1360	3.4	12.5	<0.2	180	83	585	122	3.5	4.9	4.6	14.1	21	8.9	10.0
MAG-06-01	<0.2	14.0	37	2.9	14.4	0.7	17	7	85	<1	5.0	4.6	1.8	8.13	18	6.5	2.3
OWL-06-01	0.5	0.33	17	<0.2	0.08	0.2	<1	<1	235	805	<0.2	<0.2	<0.2	0.58	<1	<0.5	<0.5
DEER-06-26 R	<0.2	19.6	185	1.3	0.28	1.1	15	2	110	<1	0.6	0.4	0.2	0.90	15	0.9	2.2

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Report No: 06-1282

PO #/Project:

Date: October 24, 2006

Samples: 14

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.1	3.20	88	30	2.84	0.074	<1	3.28	8	65	21	0.679	18	16	12	8.7	2
CHL-06-02	<0.4	0.962	15	23	8.33	0.468	1	1.10	2	12	5	0.052	57	3	2	3.3	<1
CHL-06-03	<0.4	0.065	3	10	0.299	0.015	1	0.02	<1	2	2	0.020	109	<1	<1	0.6	<1
CRK-06-01	1.1	0.011	36	7	7.30	1.36	<1	0.02	<1	19	38	0.446	22	3	6	7.3	4
CRK-06-02	0.4	0.009	14	1	8.05	0.798	1	0.03	<1	10	5	0.072	78	2	1	4.1	<1
CRK-06-03	1.3	2.40	21	59	0.529	0.055	<1	0.05	<1	11	<1	0.392	28	<1	3	4.2	33
DEER-06-23	0.5	1.40	6	54	6.74	0.039	<1	7.15	2	6	208	0.549	5	<1	7	1.4	<1
DEER-06-25	<0.4	4.77	34	37	3.69	0.020	<1	4.76	8	24	114	0.118	4	5	22	3.8	1
DEER-06-26	<0.4	0.575	6	7	0.582	0.009	<1	10.4	4	5	18	0.090	1	1	3	0.8	<1
GREM-06-01	<0.4	0.242	5	26	1.14	0.026	<1	0.07	<1	3	5	0.040	53	<1	2	0.7	1
GREM-06-02	1.7	3.80	99	100	15.9	0.212	<1	0.19	88	82	594	0.850	6	19	20	9.1	8
MAG-06-01	1.5	0.070	7	1	0.956	0.282	<1	8.13	5	16	6	0.159	4	2	22	6.3	<1
OWL-06-01	<0.4	0.009	<1	1	0.156	0.007	53	0.02	<1	<1	4	0.025	14	<1	<1	<0.5	<1
DEER-06-26 R	<0.4	0.581	7	8	0.595	0.010	<1	10.6	4	6	20	0.092	2	1	3	0.9	<1

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Report No: 06-1282

PO #/Project:

Date: October 24, 2006

Samples: 14

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	Au ppb
CG515/LS4/BM	1180	<1	0.4	15	1.06	3	129	<1	22	1.8	84	149	N/R
CHL-06-02	67	<1	<0.3	3	0.082	6	16	<1	9	0.8	247	36	17
CHL-06-03	4	<1	<0.3	<1	0.011	<2	3	<1	1	0.1	33	3	<2
CRK-06-01	141	<1	4.5	2	<0.001	16	49	<1	24	2.7	37	<1	2
CRK-06-02	58	<1	1.5	1	<0.001	12	5	<1	8	0.6	136	<1	<2
CRK-06-03	462	<1	5.1	15	0.091	18	45	419	9	1.5	22	12	2
DEER-06-23	49	<1	<0.3	20	0.225	45	77	3	11	1.4	21	99	<2
DEER-06-25	79	<1	<0.3	22	0.386	17	133	3	7	1.4	12	132	2
DEER-06-26	39	<1	<0.3	6	0.200	5	26	1	3	0.5	5	64	<2
GREM-06-01	13	<1	<0.3	2	0.044	3	16	2	3	0.4	77	15	<2
GREM-06-02	782	8	3.1	13	5.39	4	326	<1	27	1.7	124	387	<2
MAG-06-01	59	<1	1.4	25	0.370	7	129	2	43	4.1	12	43	2
OWL-06-01	7	<1	<0.3	<1	0.003	<2	2	<1	<1	<0.1	17	<1	5
DEER-06-26 R	41	<1	<0.3	8	0.208	4	27	1	4	0.6	6	67	2

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.
Fire Assay: A 30 g pulp is subjected to standard fire assaying procedures.

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Report No: 06-1282
PO #/Project:
Date: October 24, 2006
Samples: 14

ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium in ppm (U, ICP)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	<0.1	11.1	1.4	40.0	52.8	<0.2	0.3	11.8	51.0	22.7	<0.2	<0.2	<0.2	34.0	106	211	91
CHL-06-02	0.2	3.6	2.8	2.8	8.6	<0.2	0.2	0.2	3.3	41.0	<0.2	<0.2	0.5	2.50	4.0	243	68
CHL-06-03	<0.1	6.3	0.4	0.7	11.3	<0.2	<0.2	1.2	2.9	91.8	<0.2	0.3	<0.2	0.74	1.5	31.6	8
CRK-06-01	0.2	48.8	6.2	132	51.2	<0.2	0.2	<0.1	19.5	3.99	<0.2	<0.2	<0.2	1.20	10.2	16.0	4
CRK-06-02	0.4	128	8.2	15.3	871	<0.2	0.2	1.9	1.6	55.9	<0.2	0.4	<0.2	1.90	2.3	134	4
CRK-06-03	<0.1	2.0	<0.2	3.9	7.3	2.1	<0.2	0.5	<0.1	0.27	<0.2	1.7	<0.2	1.36	4.8	3.8	17
DEER-06-23	<0.1	1.4	<0.2	9.3	0.9	0.4	<0.2	<0.1	129	2.87	0.6	<0.2	<0.2	41.3	19.1	14.9	4
DEER-06-25	<0.1	<0.2	<0.2	4.4	<0.1	0.2	<0.2	<0.1	59.4	1.10	0.5	<0.2	0.4	15.8	13.4	7.2	18
DEER-06-26	<0.1	<0.2	<0.2	1.6	0.7	<0.2	<0.2	0.2	13.5	1.00	<0.2	<0.2	0.6	6.13	4.3	4.3	4
GREM-06-01	<0.1	<0.2	0.8	3.7	12.8	0.8	<0.2	<0.1	5.9	33.2	<0.2	<0.2	<0.2	0.91	8.8	74.5	2
GREM-06-02	<0.1	10.8	<0.2	70.9	120	3.8	<0.2	<0.1	505	5.07	0.3	<0.2	1.9	1.02	221	51.1	5
MAG-06-01	<0.1	2.0	2.4	6.8	1.2	<0.2	<0.2	<0.1	3.0	2.15	<0.2	<0.2	0.9	2.99	12.9	9.0	70
OWL-06-01	0.3	<0.2	4.7	1.7	747	<0.2	<0.2	42.9	4.6	10.9	<0.2	0.9	0.9	0.52	1.6	10.6	3
DEER-06-26 R	<0.1	<0.2	<0.2	1.4	0.8	<0.2	<0.2	0.2	13.6	1.08	<0.2	<0.2	0.5	5.97	4.5	4.1	5

Partial Digestion: A 1.00 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standards are BM and BH.

SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Signet Minerals Inc.

Attention: Kieran Downes

PO #/Project:

Samples: 3

Report No: 06-1282

Date: October 24, 2006

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

SRC Geoanalytical Laboratories

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Report No: 06-1282
PO #/Project:
Date: October 24, 2006
Samples: 3

ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)
Au Fire Assay by ICP in ppb (Au)

SRC Geoanalytical Laboratories

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Report No: 06-1282

PO #/Project:

Date: October 24, 2006

Samples: 3

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.7	2230	2.4	4.83	0.8	157	15	122	2	2.9	2.6	2.6	7.33	23	5.6	4.5
DEER-06-24	<0.2	19.4	1220	3.1	0.32	1.0	102	3	105	2	1.7	1.1	1.1	2.79	29	4.3	3.6
DEER-06-24 R	<0.2	18.9	1180	3.1	0.31	0.8	99	2	103	2	1.6	1.0	1.0	2.72	29	4.1	3.5

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Report No: 06-1282

PO #/Project:

Date: October 24, 2006

Samples: 3

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.0	3.16	88	29	2.80	0.074	<1	3.15	7	64	22	0.678	18	16	12	8.8	4
DEER-06-24	0.4	3.40	54	18	1.91	0.010	<1	3.55	5	39	49	0.142	7	9	14	6.3	<1
DEER-06-24 R	0.4	3.37	48	18	1.88	0.009	<1	3.52	5	37	49	0.140	6	9	14	6.0	<1

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Date: October 24, 2006
Samples: 3

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	Au ppb
CG515/LS4/BM	1130	<1	0.5	15	0.999	3	127	<1	22	1.8	81	142	N/R
DEER-06-24	59	<1	<0.3	20	0.293	18	82	2	9	1.3	7	115	<2
DEER-06-24 R	57	<1	<0.3	18	0.292	17	81	1	7	1.2	8	111	<2

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.
Fire Assay: A 30 g pulp is subjected to standard fire assaying procedures.

SRC Geoanalytical Laboratories

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Report No: 06-1381
PO #/Project:
Date: October 27, 2006
Samples: 3

ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	<0.1	10.3	0.5	39.2	49.4	<0.2	<0.2	11.6	49.7	24.1	<0.2	<0.2	<0.2	32.4	100	208	91
OWL-SS-06-01	0.1	12.7	<0.2	18.1	48.3	<0.2	<0.2	1.6	35.7	33.9	<0.2	<0.2	<0.2	5.31	29.2	219	74
OWL-SS-06-01 R	0.1	12.3	<0.2	17.8	48.1	<0.2	<0.2	1.5	34.9	33.4	<0.2	<0.2	<0.2	5.30	27.3	216	70

Partial Digestion: A 1.00 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standard is BM.

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Signet Minerals Inc.

Attention: Kieran Downes

PO #/Project:

Samples: 3

Report No: 06-1381

Date: October 27, 2006

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

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Report No: 06-1381
PO #/Project:
Date: October 27, 2006
Samples: 3

ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)
Au Fire Assay by ICP in ppb (Au)

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Attention: Kieran Downes
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca
Report No: 06-1381
PO #/Project:
Date: October 27, 2006
Samples: 3

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.8	2200	2.4	4.81	0.7	163	17	115	3	2.9	2.2	2.7	7.38	22	6.0	4.2
OWL-SS-06-01	<0.2	13.6	644	2.7	0.78	1.5	99	19	71	50	2.7	1.9	1.6	5.76	17	4.9	2.7
OWL-SS-06-01 R	0.2	13.3	644	2.4	0.79	1.2	94	20	69	49	2.7	2.0	1.6	5.57	17	4.8	2.5

SRC Geoanalytical Laboratories

Signet Minerals Inc. 125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

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Report No: 06-1381

PO #/Project:

Date: October 27, 2006

Samples: 3

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.0	3.22	85	29	2.85	0.075	<1	3.30	8	67	23	0.687	18	16	12	7.8	<1
OWL-SS-06-01	0.9	2.41	53	31	1.74	0.088	1	1.48	12	44	47	0.215	39	10	12	6.2	<1
OWL-SS-06-01 R	0.8	2.33	51	30	1.67	0.086	1	1.48	10	43	44	0.213	37	10	11	5.9	<1

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Report No: 06-1381
PO #/Project:
Date: October 27, 2006
Samples: 3

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	Au ppb
CG515/LS4/BM	1180	1	0.6	14	1.08	4	128	1	21	1.8	82	139	N/R
OWL-SS-06-01	79	1	0.4	16	0.631	8	95	<1	19	2.1	257	94	<2
OWL-SS-06-01 R	80	2	0.4	16	0.614	7	93	<1	19	2.2	251	93	<2

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.
Fire Assay: A 30 g pulp is subjected to standard fire assaying procedures.

SRC Geoanalytical Laboratories

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Signet Minerals Inc.

Attention: Kieran Downes

PO #/Project:

Samples: 4

Report No: 06-1394

Date: October 13, 2006

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

SRC Geoanalytical Laboratories

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Report No: 06-1394
PO #/Project:
Date: October 13, 2006
Samples: 4

ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)
Au Fire Assay by ICP in ppb (Au)

SRC Geoanalytical Laboratories

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Report No: 06-1394

PO #/Project:

Date: October 13, 2006

Samples: 4

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.4	2240	2.3	4.87	0.9	163	19	115	3	3.0	2.5	2.7	7.23	23	6.1	4.2
MUR06-06	0.3	15.0	653	6.4	0.34	1.2	106	<1	105	4	1.3	0.7	0.6	1.54	21	2.6	1.7
MUR06-07	<0.2	14.2	501	8.6	0.56	0.9	88	<1	109	4	3.5	2.3	0.6	1.95	20	4.5	1.9
MUR06-07 R	<0.2	14.1	497	8.5	0.55	0.9	87	<1	108	4	3.5	2.3	0.6	1.93	20	4.4	1.9

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Report No: 06-1394

PO #/Project:

Date: October 13, 2006

Samples: 4

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.1	3.19	87	30	2.77	0.074	<1	3.14	8	66	26	0.677	19	17	12	8.7	5
MUR06-06	0.4	6.89	58	13	0.252	0.010	5	3.25	17	31	2	0.114	42	9	2	3.7	2
MUR06-07	0.8	5.66	48	19	0.306	0.046	4	3.64	43	30	1	0.161	18	8	3	4.7	10
MUR06-07 R	0.8	5.62	48	19	0.303	0.046	4	3.61	43	30	1	0.159	17	8	3	4.7	10

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Report No: 06-1394

PO #/Project:

Date: October 13, 2006

Samples: 4

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	Au ppb
CG515/LS4/BM	1200	<1	0.3	15	1.04	2	129	<1	22	1.8	89	139	N/R
MUR06-06	162	<1	<0.3	23	0.211	78	16	1	7	0.5	29	53	<2
MUR06-07	107	3	0.3	48	0.339	26	18	<1	26	2.4	129	60	<2
MUR06-07 R	106	3	0.3	48	0.336	25	18	<1	26	2.4	128	60	<2

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.
Fire Assay: A 30 g pulp is subjected to standard fire assaying procedures.

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Report No: 06-1394
PO #/Project:
Date: October 13, 2006
Samples: 13

ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	0.2	11.9	0.7	37.9	47.7	0.4	0.2	11.2	46.9	22.7	<0.2	<0.2	<0.2	32.4	95.5	194	98
MUR06-01	<0.1	0.6	0.9	2.6	5.9	1.1	<0.2	12.1	2.5	2.34	<0.2	0.7	<0.2	1.41	1.4	3.5	16
MUR06-02	1.8	<0.2	4.1	1.6	3.2	0.4	<0.2	2.5	0.8	251	<0.2	<0.2	<0.2	1.29	<0.1	67.9	19
MUR06-03	<0.1	2.7	0.3	2.0	5.6	0.5	<0.2	3.8	1.2	9.47	<0.2	<0.2	0.3	16.9	9.6	28.8	5
MUR06-04	<0.1	0.9	<0.2	0.9	9.5	0.4	<0.2	5.1	0.5	7.31	<0.2	<0.2	0.4	25.4	7.3	20.4	7
MUR06-05	<0.1	1.0	2.8	2.1	5.1	0.3	<0.2	0.4	2.4	7.78	<0.2	<0.2	0.3	14.8	13.5	37.2	17
MUR06-08	0.2	<0.2	0.4	0.4	15.4	0.4	<0.2	5.1	1.5	123	<0.2	0.6	<0.2	4.58	1.3	15.9	3
MUR06-09	<0.1	0.3	0.2	1.1	6.9	0.3	<0.2	7.7	0.5	32.1	<0.2	<0.2	<0.2	8.51	2.6	7.4	6
MUR06-10	0.2	0.3	0.6	0.7	7.3	0.6	<0.2	27.6	0.7	11.9	<0.2	<0.2	<0.2	1.39	0.8	5.6	8
MUR06-11	<0.1	2.1	<0.2	6.6	10.6	1.6	<0.2	<0.1	<0.1	35.9	<0.2	<0.2	0.4	2.78	88.2	108	7
MUR06-12	<0.1	1.8	<0.2	5.8	4.4	1.5	<0.2	<0.1	<0.1	13.5	<0.2	<0.2	0.5	1.75	56.9	45.5	9
MUR06-13	<0.1	1.8	0.3	4.9	7.9	0.9	<0.2	27.7	0.6	14.2	<0.2	0.7	<0.2	11.0	<0.1	20.4	14
MUR06-09 R	<0.1	<0.2	<0.2	0.9	7.0	0.3	<0.2	7.9	0.5	31.8	<0.2	0.3	<0.2	8.74	2.6	7.2	7

Partial Digestion: A 1.00 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standard is BM.

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Signet Minerals Inc.

Attention: Kieran Downes

PO #/Project:

Samples: 13

Report No: 06-1394

Date: October 13, 2006

ICP6.3 Total Digestion

Column Header Details

Silver in ppm (Ag)
Aluminum in wt % (Al2O3)
Barium in ppm (Ba)
Berylium in ppm (Be)
Calcium in wt % (CaO)

Cadmium in ppm (Cd)
Cerium in ppm (Ce)
Cobalt in ppm (Co)
Chromium in ppm (Cr)
Copper in ppm (Cu)

Dysprnnosium in ppm (Dy)
Erbium in ppm (Er)
Europium in ppm (Eu)
Iron in wt % (Fe2O3)
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)
Hafnium in ppm (Hf)
Holmium in ppm (Ho)
Potassium in wt % (K2O)
Lanthanum in ppm (La)

Lithium in ppm (Li)
Magnesium in wt % (MgO)
Manganese in wt % (MnO)
Molybdenum in ppm (Mo)
Sodium in wt % (Na2O)

Niobium in ppm (Nb)
Neodymium in ppm (Nd)
Nickel in ppm (Ni)
Phosphorus in wt % (P2O5)
Lead in ppm (Pb)

Praseodymium in ppm (Pr)
Scandium in ppm (Sc)
Samarium in ppm (Sm)
Tin in ppm (Sn)
Strontium in ppm (Sr)

Tantalum in ppm (Ta)
Terbium in ppm (Tb)
Thorium in ppm (Th)
Titanium in wt % (TiO2)
Uranium in ppm (U, ICP)

SRC Geoanalytical Laboratories

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Report No: 06-1394
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Date: October 13, 2006
Samples: 13

ICP6.3 Total Digestion

Column Header Details

Vanadium in ppm (V)
Tungsten in ppm (W)
Yttrium in ppm (Y)
Ytterbium in ppm (Yb)
Zinc in ppm (Zn)

Zirconium in ppm (Zr)
Au Fire Assay by ICP in ppb (Au)

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Samples: 13

ICP6.3 Total Digestion

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.2	2100	2.4	4.67	0.5	161	19	116	3	2.9	2.3	2.8	7.02	22	5.8	4.5
MUR06-01	<0.2	11.3	239	3.0	0.08	0.5	87	3	259	7	1.0	0.6	0.7	4.98	21	2.4	2.5
MUR06-02	3.1	12.7	3150	1.6	0.16	2.4	34	1	139	4	0.6	0.4	0.5	1.84	12	1.0	2.6
MUR06-03	0.3	14.4	601	6.3	0.68	1.0	71	2	197	7	1.9	1.3	0.9	2.65	20	2.7	1.6
MUR06-04	0.3	13.4	541	5.8	0.50	1.1	85	3	98	12	1.7	1.1	0.7	2.29	19	2.8	1.7
MUR06-05	<0.2	14.5	802	10.7	1.29	0.6	41	4	170	6	1.2	0.8	0.6	1.49	18	1.9	1.1
MUR06-08	0.3	11.5	593	7.4	0.11	1.3	101	3	201	19	1.0	0.6	0.5	2.33	14	2.2	1.8
MUR06-09	<0.2	13.5	523	5.8	0.32	0.7	62	1	111	9	1.0	0.6	0.5	1.94	19	1.8	1.5
MUR06-10	0.5	11.4	487	3.5	0.07	0.5	67	2	117	11	0.8	0.4	0.5	3.15	14	1.6	1.6
MUR06-11	0.2	17.2	987	2.4	3.81	1.5	54	6	69	12	1.9	2.0	1.8	6.61	20	3.3	2.3
MUR06-12	<0.2	16.3	1040	2.7	3.07	0.8	40	7	83	5	1.6	1.4	1.4	4.84	21	2.5	1.7
MUR06-13	0.2	12.8	669	7.4	0.65	0.8	164	7	50	9	1.8	1.0	0.8	3.06	16	4.4	2.4
MUR06-09 R	<0.2	13.5	527	5.9	0.32	0.7	67	2	113	9	1.0	0.6	0.6	1.92	19	1.8	1.4

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Report No: 06-1394

PO #/Project:

Date: October 13, 2006

Samples: 13

ICP6.3 Total Digestion

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	0.9	3.16	83	28	2.72	0.072	<1	3.20	8	65	24	0.667	17	16	11	8.4	1
MUR06-01	0.4	2.93	45	28	0.144	0.008	13	0.09	10	28	5	0.054	3	7	2	4.8	3
MUR06-02	<0.4	5.60	19	11	0.158	0.004	2	2.41	5	11	<1	0.080	289	2	2	2.0	<1
MUR06-03	0.6	5.90	39	15	0.291	0.027	3	3.63	24	22	3	0.184	26	5	3	3.7	3
MUR06-04	0.4	5.42	46	13	0.337	0.026	3	3.21	24	25	3	0.161	23	6	3	3.9	4
MUR06-05	<0.4	4.80	22	37	0.362	0.046	1	4.01	20	15	4	0.162	38	3	2	2.8	5
MUR06-08	<0.4	6.18	56	16	0.152	0.006	5	1.71	10	28	4	0.107	153	7	2	4.1	1
MUR06-09	<0.4	5.57	34	24	0.248	0.007	7	2.54	9	20	2	0.125	45	5	2	3.0	2
MUR06-10	<0.4	5.66	37	18	0.146	0.006	34	1.62	18	20	<1	0.081	26	5	2	3.2	2
MUR06-11	0.9	2.18	29	49	2.92	0.134	<1	2.80	13	24	3	0.413	51	5	15	3.8	<1
MUR06-12	0.6	2.49	21	45	1.95	0.071	<1	3.88	7	19	2	0.327	23	4	8	3.1	<1
MUR06-13	0.5	5.21	86	20	0.419	0.015	28	2.54	3	51	3	0.147	26	13	2	7.6	<1
MUR06-09 R	<0.4	5.54	36	24	0.251	0.007	7	2.53	8	21	2	0.125	45	5	2	3.2	2

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Report No: 06-1394

PO #/Project:

Date: October 13, 2006

Samples: 13

ICP6.3 Total Digestion

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	Au ppb
CG515/LS4/BM	1140	2	0.6	15	0.994	2	123	1	22	1.8	85	141	N/R
MUR06-01	19	<1	<0.3	24	0.106	5	31	6	5	0.5	13	47	17
MUR06-02	100	<1	<0.3	18	0.046	2	4	10	4	0.6	76	69	<2
MUR06-03	150	<1	<0.3	33	0.286	24	20	3	13	1.2	43	38	<2
MUR06-04	141	<1	<0.3	30	0.293	25	19	3	10	0.9	32	47	<2
MUR06-05	253	1	<0.3	11	0.154	14	18	3	9	0.8	46	21	<2
MUR06-08	107	<1	<0.3	24	0.111	6	10	3	5	0.5	30	37	<2
MUR06-09	135	<1	<0.3	23	0.120	10	16	5	5	0.5	18	42	<2
MUR06-10	109	<1	<0.3	12	0.163	3	15	5	5	0.4	20	38	4
MUR06-11	638	<1	<0.3	8	0.859	4	159	<1	18	1.9	146	70	<2
MUR06-12	712	<1	<0.3	8	0.447	3	94	2	14	1.5	64	44	<2
MUR06-13	112	<1	<0.3	33	0.049	12	11	1	9	0.7	32	72	<2
MUR06-09 R	134	<1	<0.3	23	0.118	9	16	3	6	0.5	17	39	<2

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3.
The standard is CG515.
Fire Assay: A 30 g pulp is subjected to standard fire assaying procedures.

SRC Geoanalytical Laboratories

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Report No: 06-1394
PO #/Project:
Date: October 13, 2006
Samples: 4

ICP6.3R Partial Digestion

Column Header Details

Silver in ppm (Ag)
Arsenic in ppm (As)
Bismuth in ppm (Bi)
Cobalt in ppm (Co)
Copper in ppm (Cu)

Germanium in ppm (Ge)
Mercury in ppm (Hg)
Molybdenum in ppm (Mo)
Nickel in ppm (Ni)
Lead in ppm (Pb)

Antimony in ppm (Sb)
Selenium in ppm (Se)
Tellurium in ppm (Te)
Uranium (Fluorimetry) in ppm (U, Fl.)
Vanadium in ppm (V)

Zinc in ppm (Zn)
Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, Fl. ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	<0.1	10.0	0.5	41.3	50.6	<0.2	<0.2	10.4	50.0	22.7	<0.2	<0.2	<0.2	31.0	99.6	202	98
MUR06-06	<0.1	0.6	<0.2	<0.1	3.1	<0.2	<0.2	3.7	2.0	22.1	<0.2	<0.2	0.4	48.6	5.4	9.6	8
MUR06-07	<0.1	3.1	<0.2	0.2	2.6	<0.2	<0.2	4.2	1.1	4.68	<0.2	<0.2	0.7	28.7	11.9	63.8	7
MUR06-07 R	<0.1	2.7	<0.2	0.3	2.4	0.2	<0.2	4.0	1.0	4.57	<0.2	<0.2	0.6	28.0	10.9	62.0	8

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 9:1 HNO3:HCl for 1 hour at 95 C.
The standard is LS4.
Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na2O2/Na2CO3.
The standard is BM.

APPENDIX III

CREW LOGS

CREW LOG
SIGNET MINERALS INC.
CURIE PROJECT – July 1 to September 6, 2006
MAPPING AND PROSPECTING PROGRAM

Crew: Scott Casselman (Project Manager)
Warren Kapaniuk (Expediter)
Derek Torgerson (Project geologist)
Mike Schultz (Senior Geologist)
Shaun O'Connor (field assistant)
Robert Vallee (field assistant)
Jim Welsh (Claim staker)
Gordon Ruby (Claim staker)

Sun, July 2 Scott gets call from Summit Air informing him that the last of the gear will be brought in tomorrow. Scott contacts Derek and the crew alerting them to a mobilization tomorrow. Derek comes in to organize gear for mob. Scott 1 - hour, Derek - 3 hours.

Mon, July 3 Derek and crew meet at office at 7:30 AM, finish packing gear, pick-up groceries and drive to Mayo. By the time the crew arrives in Mayo the Summit Air Skyvan has left for another job and most of the Signet gear is still in Mayo. Scott arranges for Big Salmon Air to fly to Mayo and mobilize crew and gear to Copper Point. Big Salmon is available to work with the crew for the next few days.

Tue, July 4 Crew works to set-up camp and receives gear that is flown in by Big Salmon Air. Scott contacts Sifton Air to see if there Islander is available – it is not. Scott works on project data compilation – 2.0 hours.

Wed, July 5 Helidynamics helicopter flys to Copper Point. Crew works on camp set-up and tries to get out with helicopter late in the day. Derek gets Jim and Gordon set-up for staking. The weather is not very cooperative.

Thur, July 6 Derek and Mike fly to Ikona Showing and examine it with Shaun. Robert stays in camp to get it organized. Jim and Gordon stake claims on northern part of Curie claims.

Fri, July 7 Kieran and Tracy fly with Big Salmon Air to Copper Point with Shaun O'Connor to visit property. Meet up with crew later that day.

Sat, July 8 Bad weather through most of day. Finally lets up late in day Kieran, Tracy and crew fly out to Ikona and Deer Showings.

Sun, July 9 Crew tours other showings with Kieran and Tracy early in day. Kieran and Tracy fly back to Whitehorse later in day and back to Vancouver. Scott picks up samples from Big Salmon Air.

Mon, July 10 Mike and Derek return to prospecting showings, Robert starts work on building camp, Jim and Gordon go back to claim staking.

Tue, July 11 Jim and Gordon finish staking the claims north of Curie. Mike, Shawn and Derek go to Helikian Showing. Robert works o constructing tent floors. Warren Kapaniuk 2.0 hours expediting.

Wed, July 12 Whole crew in camp working on on access trail and new camp site. James Edmonds arrives in camp to help with camp construction. Warren 1.5 hour expediting.

Thur, July 13	Jim, Gordon and Robert work on cutting access trail to new camp area and constructing tent floors. Derek, Mike and Shaun go to the field. Mike has to fly to Dawson for weekend to get run down on the next job he is working on, but he will return on Sunday. Jim must depart for Whitehorse to prepare for his wedding.
Fri, July 14	James, Gordon and Robert work on camp. Derek and Shaun go to field.
Sat, July 15	James, Gordon and Robert work on camp. Derek and Shaun go to field.
Sun, July 16	Derek and Shawn go to Helikian showing, James, Gordon and Robert prepare camp for Airborne survey arrival.
Mon, July 17	Airborne crew delayed again. Gordon and Shawn stake claims, Mike arrives back and he and Derek go back to Helikian showing. Robert and James work on camp.
Tue, July 18	Derek and Mike go back to look for Helikian showing. Gord and Shawn continue staking and Robert and James work on camp.
Wed, July 19	Derek and Mike go to Five showing. Gord and Shawn continue staking and Robert works on camp. Mike flys out in evening to go to another job.
Thur, July 20	Weather bad. Whole crew works around camp getting camp, Derek compiles sample data rest work on camp.
Fri, July 21	Derek and James go to Five showing and other interesting things in the area. Gord and Shawn continue staking between Beta block and Gamma block. Robert works on camp in preparation for airborne survey. Airborne is again delayed.
Sat, July 22	Derek and James go to Pike showing and look around area. Gord and Shawn continue staking between Beta block and Gamma block. Robert in camp. Crew finds out about Governement geologist Geoff Bradshaw being killed in a helicopter incident. Equity crew is demobilizing.
Sun, July 23	Derek contacts Scott to notify of accident. Whole crew in camp. Decide to demobilize crew for a break. James flys out with Helidynamics helicopter late in day.
Mon, July 24	Crew works around camp getting things in a secure state for break. Robert is willing to stay behind to cook for airborne crew. Crew demobilize by afternoon.
Tue, July 25	Robert is the only person in camp waiting for airborne crew. Airborne is delayed.
Wed, July 26	Robert is the only person in camp waiting for airborne crew. Airborne is delayed.
Thur, July 27	Robert is the only person in camp waiting for airborne crew. Airborne is delayed. Derek spends 6 hours in office plotting up data.
Fri, July 28	Robert is the only person in camp waiting for airborne crew. Airborne is delayed. Robert decides to take a few days break and flys out. Derek spends 8 hours in office plotting up data.
Sat, July 29	No work.
Sun, July 30	No work.

Mon, July 31 Robert flys back to camp. Airborne crew was scheduled to fly in later in the day, but the system was again delayed. Derek spends 3.5 hours in office working on maps and data.

Fri, Aug 11 DT, MS prospect and map Deer area in an attempt to locate the Deer 2 showing. SP, GR strip the Deer 1 showing with the Kubota excavator. Sunny 24C.

Sat, Aug 12 DT, MS prospect, map and trench at the Deer showing. GR prospect, trench at the Deer. SP operate Kubota. Overcast and rainy 16C.

Sun, Aug 13 Rain, heavy at times all day, low clouds overcast. 16C. Weatherday. Work on maps, camp duties.

Mon, Aug 14 DT map DEER, work with excavator. MS prospect and map DEER 2 area. GR work with excavator. SP operate excavator. Cloudy overcast periods of rain 17C.

Tue, Aug 15 DT maps DEER, work with excavator. MS prospect and map DEER 2 area. GR work with excavator. SP operate excavator. Cloudy overcast, sunny periods, rain 17C.

Wed, Aug 16 DT work with excavator. MS prospect for mosquito showing. GR trenching work with excavator. SP operate Kubota. Sunny, rainy, overcast 16C

Thur, Aug 17 DT prospect and map towards fox and frog. MS work with excavator. GR trench. SP operate Kubota. Sunny, rainy, 17C.

Fri, Aug 18 DT, MS sketch map, chip sample and dig at Deer. GR trenching Deer. SP operate Kubota. Sunny, partly cloudy 18C.

Sat, Aug 19 DT, MS, GR, SP demobe from Deer camp to Copper Point camp. Clean up Copper Point camp. Sunny, partly cloudy, 16C.

Sun, Aug 20 DT, MS, GR, SP camp cleanup set up oil stoves. MS demobe to Whitehorse.

Mon, Aug 21 DT, GR, SP build 16x20 kitchen structure, load gear to sling to Deer, clean up camp. Sunny 18C.

Tue, Aug 22 DT, GR, SP leave Copper Point camp Mobe to Deer camp. Prism Helicopters 1.6 hrs. Set up Deer Camp. Sunny, windy 18C.

Wed, Aug 23 DT, GR, SP walk Kubota over to Deer 2 showing area. Rain heavy in morning, half day weatherday. Clearing in afternoon 12C.

Thur, Aug 24 DT, GR, SP trench and expose Deer 2 showing. Sunny, cloudy, hail, 15C. Scott and Kieran work on data in camp. Scott and Kieran work on Curie data in office and fly to Copper Point later in the day.

Fri, Aug 25 DT, GR, SP walk Kubota towards Mosquito Showing. Back to camp, demobe to Copper Point. Work on data with Kieran. Camp construction at Copper Point. Bad weather, rain, fog, snow 5C.

Sat, Aug 26 Clouds down to the deck. Scott and Kieran in camp with Derek and crew. Work on digital data and some work on camp construction. Could not fly because of weather.

Sun, Aug 27 Weather still marginal, but Derek, Scott and Shawn get out later in morning and go to Five showing. In evenining work around camp.

Mon, Aug 28	Work around camp much of day and depart later in afternoon. Kieran catches flight at 7:00 pm. Derek, Shawn and Shane prepare for claim staking – weather marginal and cannot fly.
Tue, Aug 29	Crew must wait until later in day for weather and gets out to Deer showing. Kabota tips over due to soft ground and crews tries to right it. Crew concerned weather and ground is getting too bad.
Wed, Aug 30	Weather bad in morning. Decide to right Kabota and then winterize it on site. No more Kabota work, only staking, prospecting and soil sampling.
Thur, Aug 31	Weather marginal in morning, crew gets out later and does some staking.
Fri, Sept 1	Crew gets out for a bit of staking later in day. Helicopter departs for Dawson in evening. Shawn quits and goes with chopper to Dawson. Crew to use Prism Helicopter (from Equity) when it is available.
Sat, Sept 2	Crew cannot get a ride with Prism because they are too busy. Work around camp.
Sun, Sept 3	Crew still cannot get a ride with Prism – work around camp. Equity decides they have too much work to do and too little time so their helicopter will not be available for much time to our crew. We decide to terminate the program.
Mon, Sept 4	Crew gets out to Deer area to bring the rest of the gear back and winterize the Kabota.
Tue, Sept 5	Crews finishes the little bit of staking and prepares for demobilization.
Wed, Sept 6	Crew demobilizes to Whitehorse.

CREW LOG
SIGNET MINERALS INC.
CURIE PROJECT – November 2 to November 18, 2006
Gravity Survey

Crew: Dave Hildes (Project Manager)
Calvin Delwisch (Expediter)
Andre Lebel (Geophysicist)
Jacob Moeller (Gravity Operator)
Casey Adshead (Technician)
Mike Mark (Technician)
Mike Power (Geophysicist)

Thur, Nov 2	Drove up from Whitehorse, and we spent the night in mayo because we weren't planning on going in to the properity to the following day.
Fri, Nov 3	Mike and Casey flew into camp with Big Samon Air and started constructing the camp at copper point
Sat, Nov 4	Camp construction, Mike Mark got a piece of metal in his eye, medical attention was required.
Sun, Nov 5	Mike Mark was flown out to Mayo to visit the health clinic, Mike Power was flown into Copper Point.
Mon, Nov 6	Andre flew in from Bear River (AC camp), Mike Mark out to AC camp. We Surveyed monuments to get the actual height, and set up the gravity and GPS base stations and did point 32 on A grid.
Tues, Nov 7	Started surveying with one crew with Mike Power navigating, and Andre and Casey taking readings.
Web, Nov 8	Started with one crew till noon, and then Jacob and Mike Mark made up the second crew in the afternoon 7.2 h of helicopter time was used up.
Thur, Nov 9	Fog in the morning and the helicopter couldn't get out for about 30 mins. At around 11h30 ice built up on the blades of the helicopter we had to return to get it deiced we left around 2pm. 7.3 h of helicopter time, 34 h in total.
Fri, Nov 10	We left around 8:30 and came back around 4pm because all my batteries died in the gravimeter because of the cold. 7.2 h of helicopter time used up . Mike Power flew out with Big Salmon Air.
Sat, Nov 11	We spent the morning slinging fuel to kiwi lake, and around camp, and we changed the oil in the generator. In the afternoon Jacob and Mike picked up the points that the GPS didn't get the day before, and Andre and Casey found 5 points from 2005 and surveyed them and did a few points on the d grid that were close to the b grid.
Sun, Nov 12	Left around 8:30 to get water, and started at 9:00am, and finished by 1:30 because weather moved in and we couldn't fly anymore.
Mon, Nov 13	The fog wouldn't let us fly in the afternoon, so we had to shut down early. The battery was disconnected from the GPSbase at the base by a bear. No data lost.

Tues, Nov 14	We couldn't get out in the morning because of ice fog. We left around noon only to find that the tripod was busted up by the bear, then we came back and setup the new GPS base at camp. We tried surveying, but when we got out there it was too cold to fly and the windows were icing up on the helicopter.
Wed, Nov 15	The Pilot shuts down program, too cold. Andre flew back with the helicopter. Jacob , Mike and Casey stayed in to demobe the camp.
Thur, Nov 16	Casey and Mike finish breaking down camp then fly to Bear River, Jacob flies to AC camp at Bear River in morning.
Fri, Nov 17	Casey and Mike are guests at AC camp, waiting to be flown out to Whitehorse. Bad weather.
Sat, Nov 18	Casey and Mike fly to Mayo and drive back to Whitehorse.