GEOCHEMICAL and GEOLOGICAL

ASSESSMENT REPORT
on the

SIMLOCK GOLD PROPERTY

Cariboo Mining Division, British Columbia

for

Barker Minerals Ltd.
8384 Toombs Drive
Prince George, B.C.
V2K 5A3

Prepared by:

Louis Doyle, President/CEO
Barker Minerals Ltd.

February 11, 2013

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: **GEOLOGICAL AND GEOCHEMICAL WORK ON THE SIMLOCK PROPERTY, CARIBOO MINING DISTRICT BRITISH COLUMBIA**

TOTAL COST: **$14,583.10**

AUTHOR(S): **LOUIS E. DOYLE**
SIGNATURE(S): **"SIGNED"**
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): **5409828 (JUNE 1, 2012 to OCTOBER 1, 2012)**

YEAR OF WORK: **2012**
PROPERTY NAME: **SIMLOCK**
CLAIM NAME(S) (on which work was done)
SL 1, SL 2, SL 3, SL 5 & THREE CREEK

COMMODITIES SOUGHT: **COPPER, LEAD, ZINC, GOLD & SILVER**
MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN: **N/K**
MINING DIVISION: **CARIBOO**
BCGS: **093A/14**
LATITUDE **52.85°**
LONGITUDE **121.30°**
UTM Zone EASTING **616000** NORTHING **5858000**

OWNER(S): **BARKER MINERALS LTD.**
MAILING ADDRESS: **8384 TOOMBS DRIVE PRINCE GEORGE BC, V2K 5A3**

OPERATOR(S) [who paid for the work]: **BARKER MINERALS LTD.**
MAILING ADDRESS: **8384 TOOMBS DRIVE PRINCE GEORGE BC, V2K 5A3**

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude **do not use abbreviations or codes**)
BARKERVILLE TERRANE, MASSIVE SULPHIDES, GOLD & SILVER

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS

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Plate No. 1. Air photo of Simlock Creek and Harveys Creek. White area below centre is 1930's placer workings by Barney Bowes.

1.0 SUMMARY

In 2003 D.F. Symonds wrote a NI 43-101 compliant report on the Simlock Creek Property (Symonds, 2003), where he wrote: [an] *anomalous gold trend* [on Simlock Creek] *is about 1.5 kilometres in length and is open to the southeast. There is room to potentially increase the length of the trend up to an additional kilometre towards the western boundary of the Simlock Property. The anomalous gold trend is supported by the presence of gold, silver and lead mineralization in place at six locations along the trend.*

Harvey Creek, on which Simlock Creek is a tributary, had rich gold placers which were worked between the 19th century and 1940.

Heavy stream sediment sampling in 1986 determined Harvey and Simlock Creeks and several tributaries were highly anomalous in gold, with values ranging from 440 ppb to 8,000 ppb Au. Harvey Creek and its tributaries below the confluence with Simlock Creek were also highly anomalous in gold, with values ranging from 580 ppb to +10,000 ppb Au. Follow-up work between 1988 and 2003 concentrated in specific grid areas.

The above 1.5 km anomalous gold trend represents the distance between two gold-bearing outcrops. For the first outcrop Symonds (2003) states:

[in 1998] *a 4.1 metre wide silicified zone averaging 1.18 oz/ton gold, 1.67 oz/ton silver and 0.81% lead in phyllites was sampled as follows;*
Sample # 98126: continuous 160 cm chip channel of quartz material.
Au – 0.165 oz/ton, Ag – 1.8 ppm, Pb – 861 ppm
Sample # 98126B: continuous 160 cm chip channel of quartz material.
Au – 2.286 oz/ton, Ag – 125.2 ppm, Pb – 7,335 ppm
Sample # 98126C: continuous 90 cm chip channel of quartz material.
Au – 1.015 oz/ton, Ag – 65.9 ppm, Pb – 22,395 ppm

At the second outcrop, in 2003, a 50 cm chip sample from a sulphide zone at a 'borrow pit', had 8,757.9 ppb Au; it was later re-analyzed by assay as 10.06 g/t Au.

Recent government airborne geophysical surveys have defined anomalous EM and magnetic NW-SE trends; some appear co-incident with the above-mentioned 1.5 km anomalous gold trend.

The highly encouraging results from historical stream, soil and rock sampling surveys and favourable geology delimited by recent government airborne geophysical surveys require a return to Simlock and Harvey Creeks. It is considered that the 1988 – 2003 follow-up work was too limited in area and the work done was insufficiently intensive, with large un-sampled gaps between the sampling grids.

1.1 2012 Work Performed

In 2012 Barker Minerals followed up the quad access re-established in 2009/2011 by beginning soil and till sampling program in order to vector in to the best gold targets. The program included XRF analysis of 103 in-situ soil and till samples as well as 45 soil samples which were collected and brought back to the camp for drying, crushing and pulverizing in preparation of geochemical studies to be conducted on the various fractions of material by handheld XRF analysis. It is expected at the end of this study Barker will have determined what level of homogenizing of soil samples is required in order to achieve reliable and repeatable XRF geochemical results.

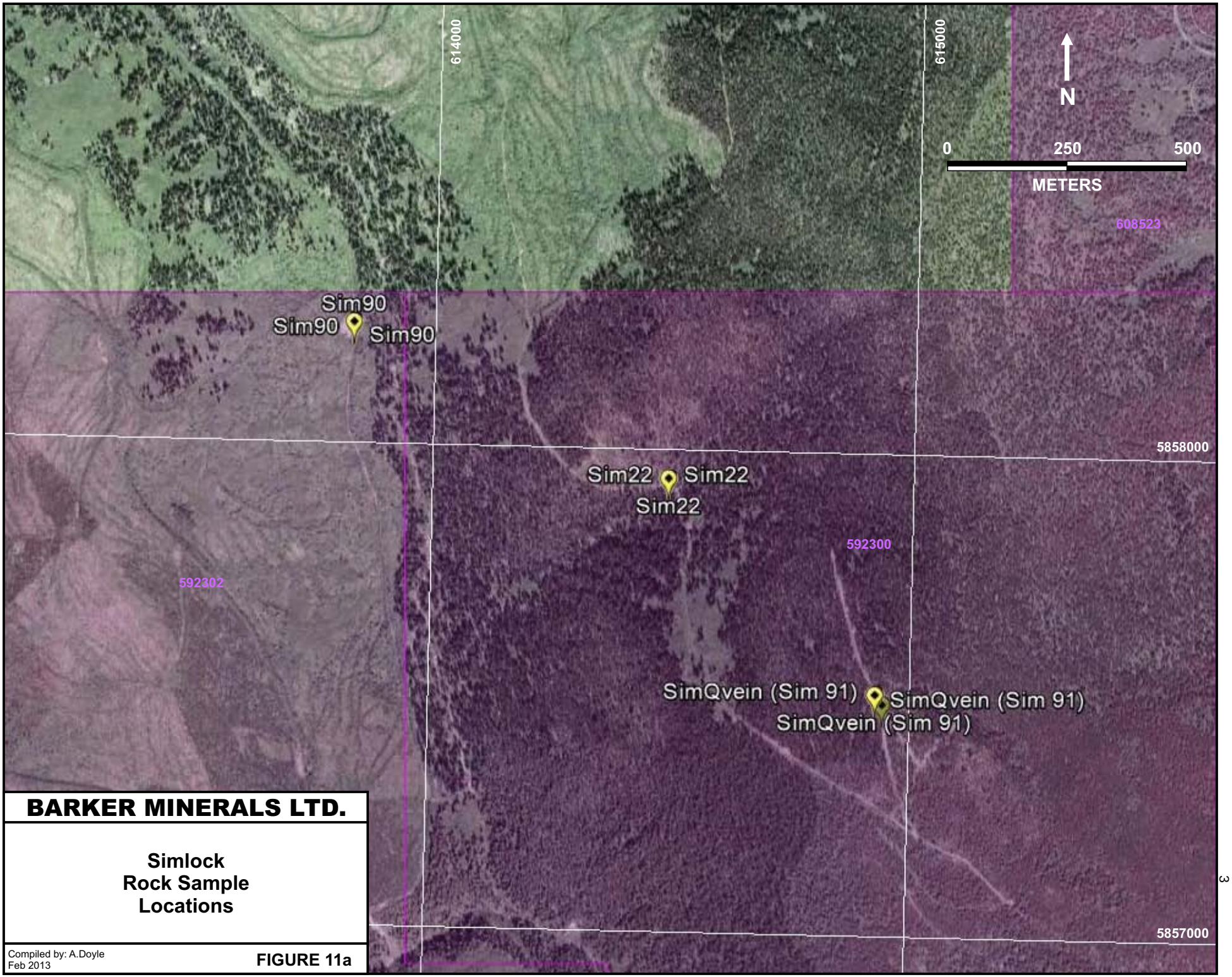
Although bedrock is rare on the property cursory rock sampling was conducted where surface outcrop permitted with 19 samples being analyzed by handheld XRF. (see **Figure 11A**, **Figure 11B** and **Figure 11C** for Soil and Rock Sample Location Map)

2.0 INTRODUCTION

This report describes the historical work done on the Simlock property area and provides results of prospecting done by Barker Minerals Ltd. on the Simlock property in 2010.

In this report chemical abbreviations are used for the elements discussed. The elements and abbreviations are:

Ag	Silver	Co	Cobalt	Pb	Lead
As	Arsenic	Cu	Copper	Sb	Antimony
Au	Gold	Fe	Iron	Zn	Zinc
Ba	Barium	Mn	Manganese		

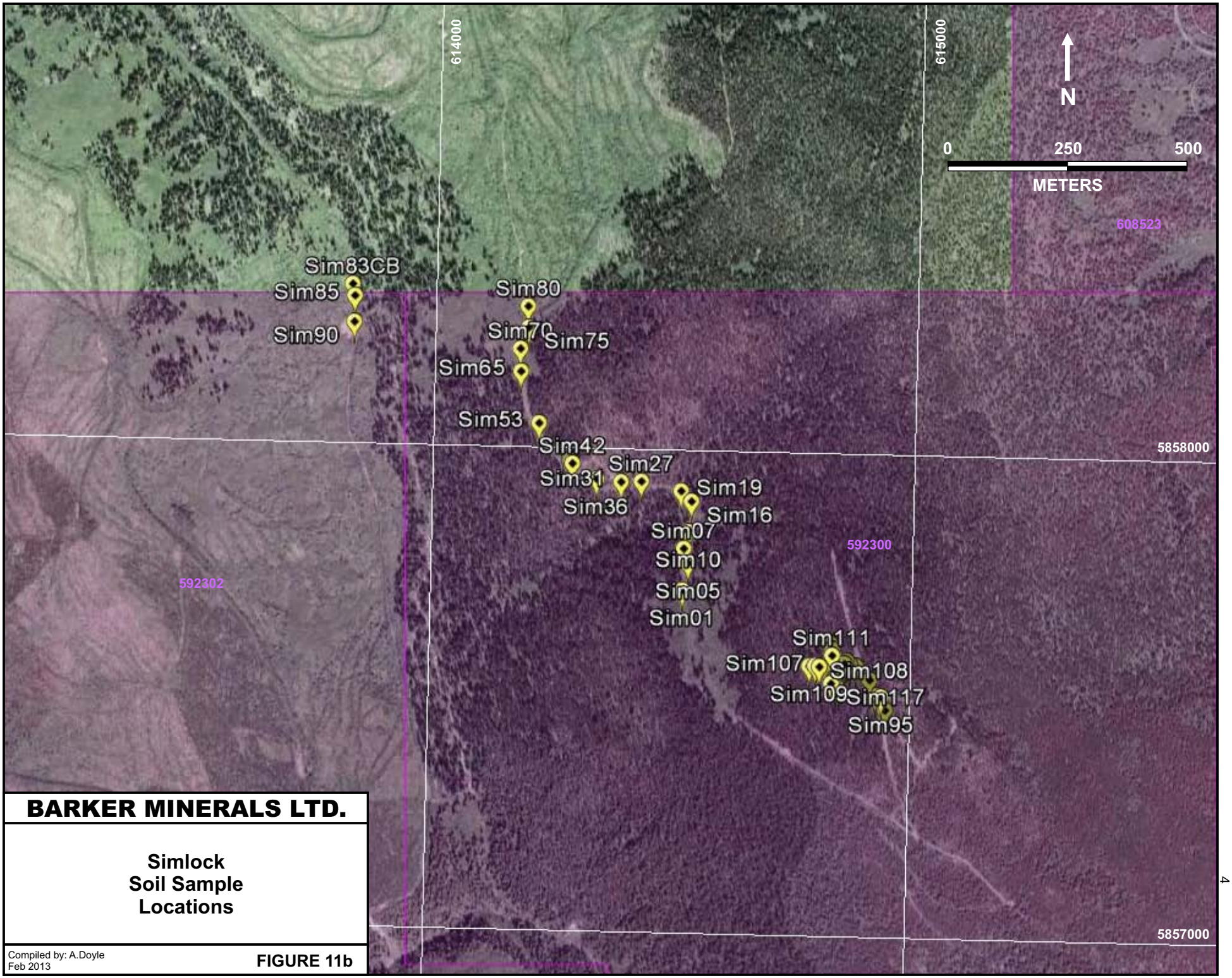


BARKER MINERALS LTD.

Simlock
Rock Sample
Locations

Compiled by: A.Doyle
Feb 2013

FIGURE 11a

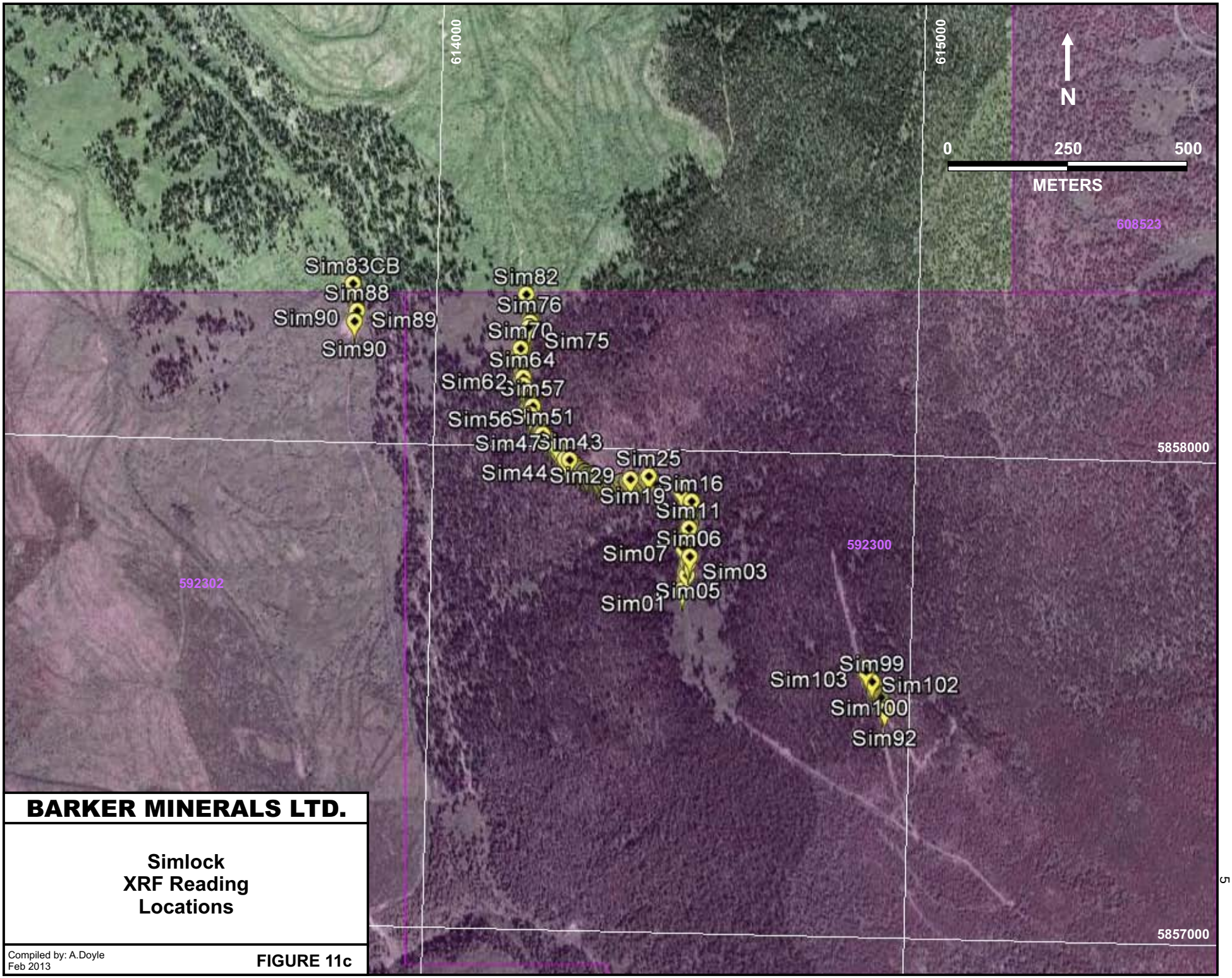


BARKER MINERALS LTD.

Simlock Soil Sample Locations

Compiled by: A.Doyle
Feb 2013

FIGURE 11b



BARKER MINERALS LTD.

Simlock
XRF Reading
Locations

Compiled by: A.Doyle
Feb 2013

FIGURE 11c

3.0 PROPERTY DESCRIPTION and LOCATION

The Property consists of contiguous claims listed in Appendix B – Barker Minerals Ltd. Mineral Claim Details. The Property is outlined in Figure No. 2 – Barker Minerals Ltd. Mineral Claims. The mineral claims comprising the Simlock property are located astride Simlock Creek 2.0 km north of the north end of Cariboo Lake. The mineral claims are located in the Cariboo Mining Division in British Columbia and are 100% owned by Barker Minerals Ltd. of Prince George, B.C.

The Property is approximately 30 km northeast of the settlement of Likely and 90 km northeast the City of Williams Lake. The City of Prince George is 155 km to the north.

The geographic coordinates of the Simlock Property are:
52.85° North Latitude and 121.30° West Longitude or
616000 E and 5858000 N UTM coordinates (NAD 83).
The relevant map is: N.T.S. Map No. 93A/14.

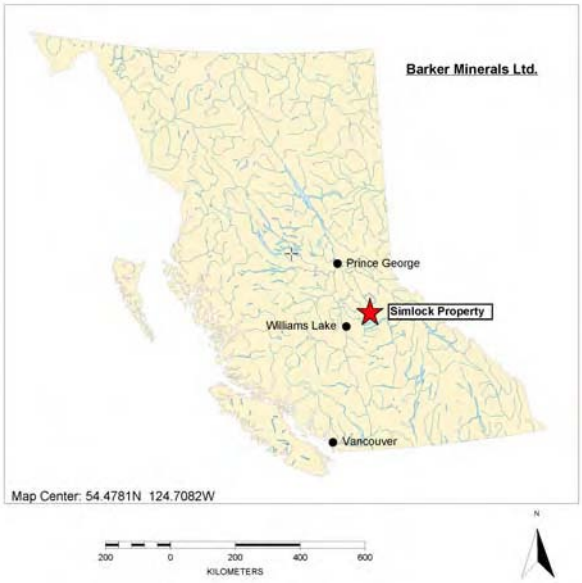


Figure No. 1 Barker Minerals Simlock Property location.

4.0 MINERAL CLAIMS

Details about the mineral claims are provided in Appendix B – Barker Minerals Ltd. Mineral Claim Details.

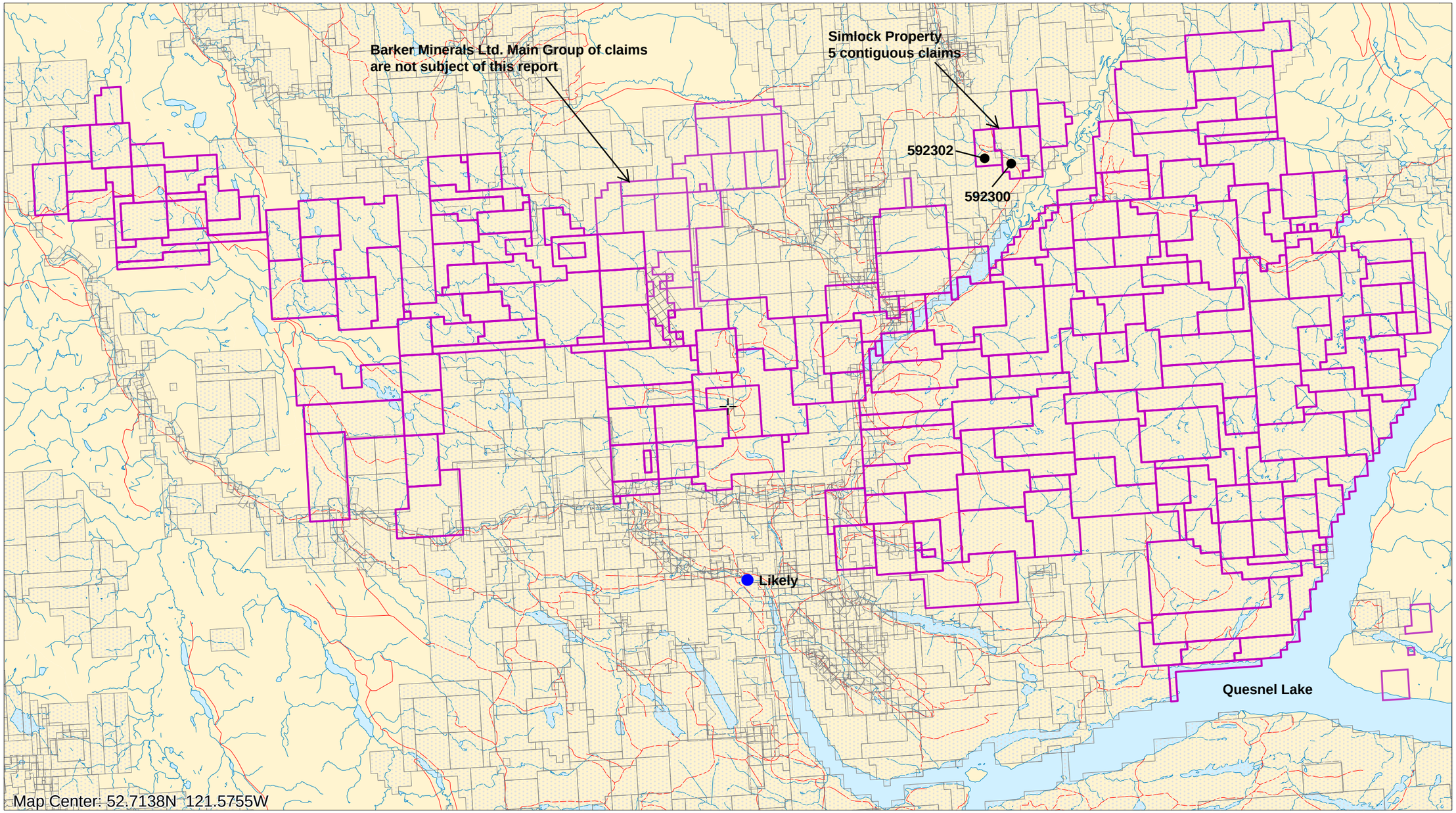
5.0 PHYSIOGRAPHY and ACCESSIBILITY

The following description in *italics*, is after McKinley, 2004:

The property is situated in the central part of the Quesnel Highland between the eastern edge of the Interior Plateau and the western foothills of the Columbia Mountains. This area contains rounded mountains that are transitional between the rolling plateaus to the west and the rugged Cariboo Mountains to the east. Pleistocene and Recent ice sheets flowed away from the high mountains to

Barker Minerals Ltd. Mineral Claims

Cariboo Mining Division



SCALE 1 : 250,000

5 0 5 10 15

KILOMETERS

N

Note:
Claims identified with Tenure Numbers are those which have had assessment work done on them.
Assessment is applied to the Simlock Property claims only.

Figure No. 2

the east over these plateaus and down to the southwest (Cariboo River), west (Little River) and northeast (Quesnel Lake), carving U-shaped valleys. The elevation ranges from [900-1600] *m. Precipitation in the region is heavy, as rain in the summer and snow in the winter. Drainage is to the west via the Cariboo, Little and Quesnel Rivers to the Fraser River. Quesnel Lake, the main scenic and topographic feature in the region, is a deep, long, forked, glacier-carved lake with an outlet at 725 m elevation. Vegetation is old-growth spruce, fir, pine, hemlock and cedar forest in all but the alpine regions of the higher mountains (mainly above 1400 m elevation). Weldwood has been actively logging fir, spruce and pine in the area.*

Access to the Simlock Creek area is via gravel logging roads bearing northeast from Likely, past Keithley Creek. Near the Simlock property the road is overgrown by bush but one can continue to the property on an ATV vehicle.

6.0 HISTORY

6.1 History of Work Done in the Area of Simlock Property

Gold was discovered in Harveys Creek in 1860. It quickly became known as a very rich creek. …after 1874 much of the gold mined was not recorded (Mark, 1983).

The recorded gold mined was 3,754 oz from 1879 to 1897. This figure does not include the production from Barney Bowe's large hydraulic workings during the 1930's (Symonds, 2003).

1930's Harveys Creek placer miners held the opinion that one to two million ounces of placer gold were taken out but there is no documentation to support this. Placer gold mining in Harvey Creek continued until 1940 (Ostler, 1989).

Bowman (1889) wrote:
[An] ironstone ledge, one-quarter miles below falls of Harvey Creek. Olive and bluish feldspar with iron pyrites. Over three feet in width. Strike east and west; dip, N. <60^{O}; with the slates apparently. It is three to eight feet wide, and is repeated in another locality near it. Contents: siderite and magnetic pyrites and a little iron pyrites; a great body of metal, being nearly solid ore. Assay by Hoffman showed a distinct trace of gold; silver, none. The ledge weathers red on the surface. Projecting into the creek, boulders from it strew the placer mines below.

6.2 Work Done in 1983.

The relevant report is Assessment Report 11580 by D.G. Mark.

Work was done for Harvey Creek Gold Placers Ltd. within the HH claim group comprised of 6 mineral claim units and 4 placer leases. The property was on Harveys Creek below the confluence with Simlock Creek.

A seismic refraction survey was carried out. The objective was to locate a buried creek channel possibly carrying placer gold and to determine depths to bedrock.

A slow velocity zone was located which was believed to be a buried stream channel in filled by sediments or glacial tills. The zone was 500 m long and open at either end. The channel was considered to probably be ancient course of Harveys Creek parallel to the present course.

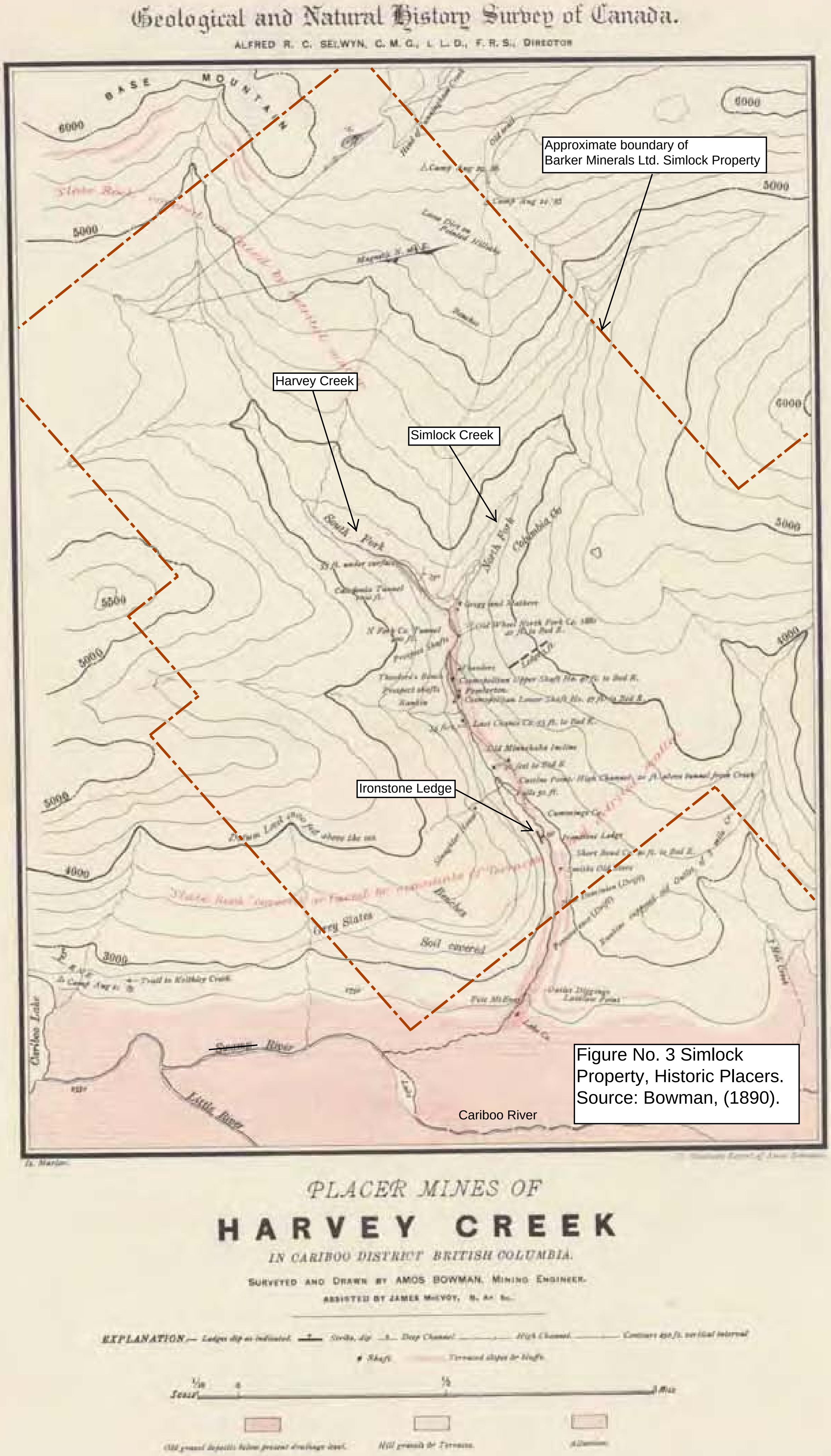


Figure No. 3 Simlock Property, Historic Placers. Source: Bowman, (1890).

The depth of overburden ranged from 1 metre to 31 metres, averaging approximately 10 metres. The lower bedrock velocities suggested the rock may be phyllites, argillites, and siltstones. Those in the upper velocity range suggested quartzites, meta-greywackes, schists, and limestones.

Recommended follow-up was to include further seismic work to determine the extent of the buried channel. Prospecting, geological mapping, soil sampling and geophysical surveys were also recommended to determine whether bedrock gold mineralization may occur on the property.

6.3 Work Done in 1986

The relevant report is Assessment Report 15862 by A. Burton.

Work was done for Harvey Creek Gold Placers Ltd. within the HH claim group comprised of 142 mineral claim units and 11 placer claims on Harvey's Creek.

A geochemical program was carried out that consisted of heavy stream sediment sampling designed to identify various lode gold deposits. Twenty eight sediment samples were taken from streams; a sluice box was used to concentrate the heavy minerals. The concentrates were then split into coarse (plus 140 mesh) and fine (minus 140 mesh) portions and analyzed separately for gold and silver. The coarse (plus 140 mesh) fraction from all the samples were also analyzed for lead, zinc, and tungsten.

Sample values ranged from less than 5 ppb to greater than 20,000 ppb Au. Pb values ranged from 50 ppm to 2,000 ppm. Zn values ranged from 176 ppm to 1,200 ppm. W values from 1 ppm to 375 ppm. Ag values ranged from 0.1 ppm to 18.0 ppm.

Gold in the coarse portions of the samples were considered to be of placer origin. The fine portions tended to have higher gold values than the coarse portions. Gold in the fine portions of the samples were considered to be of lode origin when the corresponding coarse portion had no gold.

Simlock Creek and several of its tributaries were highly anomalous in gold, with values ranging from 440 ppb to 8,000 ppb Au. Harveys Creek and its tributaries below the confluence with Simlock Creek were also highly anomalous in gold, with values ranging from 580 ppb to +10,000 ppb Au. Results from the upper parts of Harveys Creek were not always anomalous but results of 145 ppb, 700 ppb and 950 ppb Au were got. Three Creek, 2 km to the NE of Harvey Creek, had 720 ppb Au and an unnamed creek, 3 km to the SW, had up to 3,550 ppb Au. The Au values quoted in this paragraph are from the fine (-140 mesh) fractions.

Gold values in the coarse (+140 mesh) fractions were also highly anomalous in Simlock and lower half of Harveys Creek, with +10,000 ppb Au at the bottom of Harveys Creek, +20,000 ppb Au on Simlock Creek just above the confluence with Harveys Creek, and +10,000 ppb Au farther up Simlock Creek. Three Creek and the creek to the SW also had high Au values in the coarse fractions. Harveys Creek above the confluence with Simlock Creek had all low Au values in the coarse fractions.

It was concluded that the sampled material was not of glacially transported origin and that the stream sediment anomalies were due to several local lode deposits. Follow-up prospecting and additional stream sediment sampling was recommended.

6.4 Work Done in 1988

The relevant report is Assessment Report 18528 by D.F. Symonds and A. Burton.

Work was done for Harvey Creek Gold Placers Ltd. on the Simlock Creek Property which consisted of 156 units in the HH group of mineral claims.

Geochemical soil sampling was carried out consisting of 1,175 samples analysed for Au, Ag, Pb, Zn, and Cu. The sampling grid represented 24.8 kilometres of lines spaced at 100m intervals. Au and/or Pb anomalies occurring on the east side of Simlock Creek ('East Grid') ran roughly parallel to the trend of regional geologic contacts. Follow-up prospecting in this area found galena mineralization occurring in limestone in contact with argillites.

A ground magnetic survey was conducted over 18.6 line km on the grid. Within the context of the survey, actual magnetic variations were found to be negligible. The extreme western edge of the survey grid showed a possible geologic contact going into a rock unit having a higher magnetic susceptibility. It was stated that unless the location of regional scale geologic contacts were deemed important, a further ground magnetic survey would be of limited use.

Further work recommended for the property was in-fill geochemical soil sampling, prospecting and trenching.

6.5 Work Done in 1989

The relevant report is Assessment Report 19426 by J. Ostler.

Work was done on the Simlock Creek Property by optioner Logan Mines Ltd. for the owner Frank R. Hallam, trustee of Harveys Creek Gold Placers Ltd.

A program of fill-in soil sampling was conducted over parts of the soil grids where the 1988 program indicated higher concentrations of gold, silver or lead. 222 soil samples were taken over a total of 2.3 km of line and were tested for various metals depending on the interest at their location. The soil survey generally confirmed the results from the previous year's survey.

Twenty trenches were hand-excavated to explore for bedrock sources of mineralized float and soils from locations in the Simlock Creek drainage. 398 rock and soil samples were collected from the trenches. The trench walls were sampled at several levels in an attempt to discern the distance from a mineralized source. Sample No. 249668 from trench HE 921 contained 7,520 ppb Au; the visible mineralization consisted of disseminations of pyrite with minor galena. It was stated that this effort was futile because mineralization occurred in small ptigmatic veins and segregations throughout the stratigraphy. [In this author's opinion, if such high gold values may occur in apparently minor mineralization 'throughout the stratigraphy', it suggests the possibility of a bulk tonnage deposit]. Ostler stated (1989, pg. 11) *'when the mines near Wells were operating, single veins were considered too small to develop. Concentrations of veins were mined…'*.

All the above work was done on both banks of the lower part of Simlock Creek above the confluence with Harvey Creek. It was confirmed that high metal concentrations in soil and stream sediments in the Simlock Creek drainage were attributable to local bedrock sources.

The property was determined to be underlain by marble, metasiltstone and amphibolite of the Downey succession of the Palaeozoic Snowshoe Group which forms a part of the Barkerville Terrane. Ostler stated that the mineralization he observed seemed to have been concentrated by local sweating and filter pressing into ptigmatic veins and permeable beds during regional metamorphism. The predominant rock type observed in the Simlock grid area, marble, was deemed

too ductile to have been able to develop extensive brittle fracture sets to contain economic mineralization. He also concluded '*the low silt-metal concentrations attained during the 1986 stream* [sampling] *program (Burton, 1987) indicates…that there is little chance of finding economic mineralization*'. This statement seems unjustified considering the numerous very high gold results (including several stream sample locations with +10,000 and + 20,000 ppb Au, and many other samples with 100's or 1,000's ppb Au in the fine and coarse fractions), on Simlock and lower Harveys Creek in the 1986 program. Ostler may have considered the values of metals other than Au, (see Section 6.2, this report), were too low considering the sample types were heavy mineral concentrates, but this author is inclined to disagree with such an opinion, as base or pathfinder metal values needn't necessarily have been very high.

Ostler recommended no further exploration work be done on the Simlock Creek property.

6.6 Work Done in 1990

The relevant report is Assessment Report 21310 by D.F. Symonds.

Work was done for Harveys Creek Gold Placers Ltd. on the Simlock Creek property comprised of 156 units.

A total of 14 rock and 26 soil samples were collected in a very limited portion of the geochemically anomalous areas near where a soil sample collected in 1989 had 4,500 ppb Au. Soil profile samples were collected at 6 locations. These soil profiles returned relatively weak anomalous Au values. Bedrock exposed at 4 of these locations was micaceous quartzite, sometimes with abundant pyrite. The rock samples collected had no anomalous gold except for a sample from a 30 cm wide sphalerite-galena showing which had 110 ppb Au, 19.3 ppm Ag, 1.20% Pb and 13.50% Zn. The soil samples had only sporadic weak anomalous Au; one soil had 750 ppm Pb and 850 ppm Zn.

The 1990 work program was too limited in scope to produce useful results. A systematic program of mechanical trenching was recommended.

6.7 Work Done in 1991

The relevant report is Assessment Report 22352 by A. Burton and J.M. Ryder.

Work was done for Harvey Creek Gold Placers Ltd. on the Simlock Creek property.

Terrain Analysis was carried out by interpretation of 1:15,000 scale colour stereoscopic air photos. The terrain characteristics appeared to be uncomplicated, thus no field checking was carried out. The terrain unit boundaries were all gradational and the general locations of boundary lines were transferred onto a 1:10,000 scale topographic base map. The geology of the well known lode gold belt of the Cariboo was extrapolated from the north, southward through the Simlock property.

A study of previous geochemical soil surveys concluded that the gold soil anomalies were locally derived and not transported from some distant place. The glacial directions of the district were examined and rock fragments in coarse material from soil samples were investigated to rule out transportation from adjacent known areas of mineralization.

Suggested further work was for expanded soil geochemical surveys, geological mapping and prospecting to be extended along the strike of favourable horizons. Taking vertical soil geochemical profiles in areas of opportunity was also recommended.

6.8 Work Done in 1992

The relevant report is Assessment Report 22908 by A. Burton.

Work was done for Harvey Creek Gold Placers Ltd. on the Simlock Creek property consisting of 58 mineral claim units.

A total of 12 grab rock samples and 126 soil samples over 2.52 line km of grid lines were taken on the property SE of the 1988 sampling grid. The rock samples were taken in order to aid the identification of the lode source for the gold in soil anomalies previously discovered. They were analyzed for gold; the results were inconclusive. The soil samples were all considered to clearly be taken from local colluvium with no glacial till being found in the immediate area. The soil survey results demonstrated the known gold soil anomalies extend along and are controlled by the regional stratigraphic trend. Coarser (+10 mesh) fractions of 16 gold anomalous soil samples were geochemically analyzed for Au. These proved to be highly anomalous. The fractions were made up from locally derived rock fragments. This indicated the sample material is derived from an anomalous gold "zone" along a stratum from a lode source that is most likely nearby and upslope from the sample sites.

The assessment report map indicated 'ironstone ledges – stratabound massive sulphides' on the north side of Harveys Creek approximately 1,400 m below the confluence with Simlock Creek. These may be the 'ironstone ledge' mapped by Bowman, (1890) as being located on the south side of the creek. Burton stated the stratiform sulphide body was associated with a limestone contact in Harveys Creek. He suggested the limestone was equivalent to the Aurum limestone in the Cariboo Gold Quartz and Mosquito Creek gold mines 35 km to the north; its contact being an ore control in the Wells gold mining camp.

Recommendations for further work were the same as stated for previous year; further trenching and later diamond drilling were also recommended.

6.9 Work Done in 1993

The relevant report is Assessment Report 23221 by J.G. Simpson.

Work was done for Harvey Creek Gold Placers Ltd. on the Simlock Creek property.

A soil geochemical sampling program was carried out, filling in and extending the 1992 soil grid. 134 soil samples and three rock samples of vein quartz material were taken along 2.68 km of new grid lines. The results demonstrated a 1,500m continuity of anomalous gold soil values roughly paralleling the southeast stratigraphic trend, and largely within the quartz mica schist horizon of the Simlock Creek sequence. Two groupings of continuous high values were considered to possibly represent major fold nose areas. One group had soil samples with values up to 2,932 ppb Au (from the 1993 survey), and the other group in the vicinity of the main grid had values up to 4,500 ppb Au (from the 1989 survey).

Overburden was also sampled on new road cuts crossing the gold soil anomaly on the main grid. A total of 19 bulk soil samples were taken for gold analysis from cuts through overburden material reaching three to five feet below the soil surface. The geochemical results were comparable with overlying soil analyses.

Recommendations for further work involved extending the geochemical soil survey farther southeast and also for backhoe trenching to bedrock to occur uphill from high soil values.

6.10 Work Done in 1995

The relevant report is Assessment Report 24193 by J.G. Simpson.

Work was done for Harvey Creek Gold Placers Limited on the Simlock Creek property.

A 63 metre long trench was excavated across was considered the best gold anomaly from previous soil surveys and sampled at 1.5 metre intervals for a total of 42 rock samples. Overall the results were disappointing for gold values. A sample with quartz vein and associated rusty graphitic schist had the highest value at 93 ppb Au. A detailed geological and structural mapping of the bedrock geology exposed in the trench was done.

No further work was recommended.

6.11 Work Done in 1997

The relevant report is Assessment Report 25337 by D.F. Symonds.

Work was done for Harvey Creek Gold Placers Ltd. on the Simlock Creek property. Eleven soil profiles were taken along a new access road in the area of the 1988 East Grid. The 11 profile locations were in an area of the 1988 grid where there were only background soil geochemical results, between the two groupings of continuous high values described in the 1993 work. The sampling depths in each profile were, on average, 30 cm, 100 cm and 200 cm. Samples from these profiles were analysed for Au, Ag, As, Cu, Mo, Pb, Sb, and Zn. It was observed that the average values for all of the elements considered were nearly identical for the three soil horizon levels. This seemed to suggest that consistent results may be obtained even though soil samples are taken from a variety of horizons and depths, from the "B" horizon down to the material near bedrock. No recommendations for further work were made.

6.12 Work Done in 1998

This work was not reported in an assessment report but Symonds (2004) states: *In 1998, Harvey Creek Gold Placers extended the access road into the 1993 sampling grid on the Simlock Creek Property. The purpose of this road building was to access areas of anomalous gold in soil at higher elevations where thinner overburden could be expected. This road building and limited trenching program was successful in exposing several gold, silver, lead and zinc mineralized quartz structures including a significant exposure (1.18 oz/ton gold over 4.1 metres) located 10 metres up slope from a geochemical soil station that returned a gold value of 2,932 ppb* [in the 1993 survey].

Symonds' NI 43-101 report (2003) provides further details: *A 4.1 metre wide silicified zone averaging 1.18 oz/ton gold, 1.67 oz/ton silver and 0.81% lead in phyllites was sampled as follows;*

Sample # 98126: continuous 160 cm chip channel of quartz material.
Au – 0.165 oz/ton, Ag – 1.8 ppm, Pb – 861 ppm, Zn – 1,637 ppm

Sample # 98126B: continuous 160 cm chip channel of quartz material.
Au – 2.286 oz/ton, Ag – 125.2 ppm, Pb – 7,335 ppm, Zn – 613 ppm

Sample # 98126C: continuous 90 cm chip channel of quartz material.
Au – 1.015 oz/ton, Ag – 65.9 ppm, Pb – 22,395 ppm, Zn – 1,772 ppm

6.13 Work done in the 2000's

Symonds (2004) states:

In 2001 the Simlock Creek Property was optioned to Extant Investments Inc. (now named Sydney Resource Corporation).

6.14 Work Done in 2003

The relevant report is Assessment Report 27658 by D.F. Symonds.

Work was done for Sydney Resource Corp. on the Simlock Creek property totaling 58 mineral claim units.

A total of 286 soil samples and 50 rock samples were taken on the property, along with 1.7 km of ground magnetic readings at spacings of 5 to 25 metres.

Symonds stated that:
The purpose of this program was threefold:
1) to find and sample the massive sulphide occurrences documented by Amos Bowman in the 1880's;
2) to attempt to trace the exposure (1.18 oz/ton gold over 4.1 metres) located 10 metres up slope from a geochemical soil station that returned a gold value of 2,932 ppb;
3) to sample areas of outcrop on the property for potential mineralization.

North-dipping massive sulphide lenses were located on both sides of Harveys Creek. The M Grid was established to sample the area of the massive sulphides on the south side of Harveys Creek below the confluence with Simlock Creek. 155 soils and 24 rock samples were collected. Anomalous soil results over a 30 m area had a sample with 927 ppb Au and 860 ppm Cu adjacent to the massive sulphide body. The soils had no elevated values of Pb or Zn in this area. Of the 24 rock samples collected over the massive sulphides 9 had elevated Cu values ranging from 244 ppm to 684 ppm, with no other metals anomalous. Ground magnetic lines run over the massive sulphide strata at 5 metre station spacings were successful in detecting the massive sulphide strata, with a weak magnetic response of 200 to 700 NT above background. The massive sulphide lenses examined were deemed to be narrow and discontinuous, with no appreciable economic values.

Symonds stated the massive sulphide lenses sampled were less than 100 cm (3 feet) thick. Bowman (1890) located his 'ironstone ledge' approximately 500 m east of the sulphide lenses sampled in 2003 (see Figure Nos. 3, 4). His description of the massive sulphides as "three to eight feet wide, and is repeated in another locality near", suggests the massive sulphides viewed by Bowman in the 1880's and Symonds in 2003 may have been different. Also, the northward dip of the massive sulphides and their location near the north boundary of the M Grid and beyond on the north side of the creek suggests the M Grid was located too far south and almost none of the grid should have been expected to have covered the massive sulphides. This may explain why the M Grid had poor soil geochemical results. The Barney Bowe placer workings of the 1930's are located on the north side of Harvey Creek just west, upstream from the 2003 massive sulphide lenses.

X Adit in vicinity (7 oz/ton Au)

limestone outcrop X

Minfile 093A 095 'International'
(109.29 g/t Au over 11.5 cm)

1988 West Grid

1988 East Grid

Simlock Property

O 550

5,600

Float boulder (3 oz/ton Au) X

Boundary of Barker Minerals Ltd.

limestone outcrop X
(8,757 ppb Au over 50 cm) 'Pit' X

Simlock

3,100

5858000

O4,500

O 3,600

Three Creek

High Grid

1.18 oz/Ton Au over 4.1m

2,932

1992 Grid

O720

Creek

O8,000

Harveys

O700

Barney Bowes placer workings (1930's)

Location of massive sulphide lenses
(See Burton 1993 & Symonds 2004)

Creek

limestone outcrop X
4,200

Approximate location
of 'Ironstone Ledge'
(See Figure No. 25)

580

M Grid

O1,500

5856000

Park Boundary

Park

Cariboo River

O+10,000

614000

616000

618000

Decreasing 0.05° annualy

19.0°

True North

Magnetic North

2007

This Figure taken from Turna, 2009.

LEGEND

1000 Topographic Contour & Elevation
Contour interval 20 metres

Creek, Pond, Swamp

Road

O 8,000 Stream sample with Au ppb

O 4,500 Soil sample with Au ppb

X Rock outcrop or float

Sources: Burton (1987,1993), Symonds 2004), Minfile 093A 095

UTM Coordinate System
Map Datum: NAD 83
Zone: 10

Scale 1:20,000
metres

0 200 400 600 800 1,000

BARKER MINERALS LTD.

SIMLOCK PROPERTY

Historic Work Locations
and Selected Au Geochem

16

Cariboo Mining Division, B.C.

NTS Mapsheet: 93 A/14	Date: July 24, 2009
Drawn by: RT	Fig.No. 4

The High Grid was established to sample the area where rock sampling in 1998 returned 1.18 oz/ton gold over 4.1 metres. The grid was located within the area of the 1992-93 Grid. 109 soil samples were collected. Ten of the soils had anomalous values ranging from 59 ppb to 1,737 ppb Au in an anomalous area approximately 80 m NW of the gold-bearing rock sample. Sample No. 3150, approximately 100 m south of the High Grid, had 4,668.9 ppb Au, was later re-analyzed by assay as 8.69 g/t Au.

Rock sampling at "sites of opportunity" resulted in the discovery of a previously unmapped gold-mineralized area in a borrow pit on the main access road on the west side of Simlock Creek near the NW corner of the Simlock Creek property. Eleven rock samples from the 'Pit' included:

Sample No. 3151, a grab from a 30 cm sulphide zone at the borrow pit, had 4,439.0 ppb Au, was later re-analyzed by assay as 4.57 g/t Au.
Sample No. 3159, a 50 cm chip sample from a sulphide zone at the borrow pit, had 8,757.9 ppb Au, was later re-analyzed by assay as 10.06 g/t Au.

The new showing was approximately 1.3 km NW of the High Grid location and 2.6 km NW of the middle of the M Grid. This trend helped to affirm the NW-SE locus of the favourable mineralized zone and its parallelism with the regional geologic trend.

In 2003 D.F. Symonds wrote a NI 43-101 compliant report on the Simlock Creek Property (Symonds, 2003), where he wrote: [the] *anomalous gold trend* [on Simlock Creek] *is about 1.5 kilometres in length and is open to the southeast. There is room to potentially increase the length of the trend up to an additional kilometre towards the western boundary of the Simlock Property. The anomalous gold trend is supported by the presence of gold, silver and lead mineralization in place at six locations along the trend.*

The assessment report recommended follow-up trenching and mapping for the High Grid and 'Pit' areas. No further work was recommended at the M Grid.

6.15 Barker Minerals' Claims Staked in 2008

In October, 2008 and July, 2009 Barker Minerals Ltd. staked the mineral claims comprising the Simlock property after the previous owners' claims lapsed.

6.16 Barker Minerals' 2010 Work

Eight rock samples were collected in the course of sampling areas of interest along the roads cleared by brushing in 2009 and 2010 by Barker Minerals.

7.0 2012 EXPLORATION PROGRAM

7.1 Economic Targets and Work Done

The economic target at Simlock is gold associated with quartz veins and replacement sulphide bodies. 2012 work entailed rock sampling where possible and in-situ handheld XRF soil studies and collections. 19 rock samples were analyzed and 103 soil samples were analyzed in-situ as well as 45 soil samples collected for further studies at various size fractions. Two outcrops were encountered but due to time constraints and priority towards the soils program limited time was taken in observation and sampling.

Sim22 Outcrop: Approximately 25-35m wide outcrop of very fissile, highly weathered and fractured light green-grey slaty-phyllite (Photo 1.0) Rusty pyrite? grains were found disseminated within this unit (Photo 1.1, 1.2). The phyllite unit is locally folded with visible rusty quartz veins up to 35cm in width (Photo 1.3, 1.4). A highly silicified sedimentary unit (quartzite?) was also observed but not classified. XRF readings were taken (Table 1.0).

Table 1.0

XRF#	**Lithology**
444	Slaty-phyllite
445	Rusty pyrite grain? In phyllite
448	Highly oxidized quartz vein
449	Highly oxidized quartz vein
450	Highly oxidized quartz vein
451	Highly oxidized quartz vein
452	Highly oxidized quartz vein
453	Highly oxidized quartz vein

As well as occasional cubic crystal form and remnant cubic impression observed, from the XRF data alone it is safe to conclude that the grains are in fact pyrite (or at least a sulfide of sorts) as the base-metals component is high. Notably cobalt (>800ppm) which is commonly a substantial component of pyrite**.**

Hand samples of the phyllite unit, oxidized quartz veins, and of the silicified unit were taken for further analysis.

Photo 1.0: Locally folded slaty-phyllite. Scratch pen for scale.

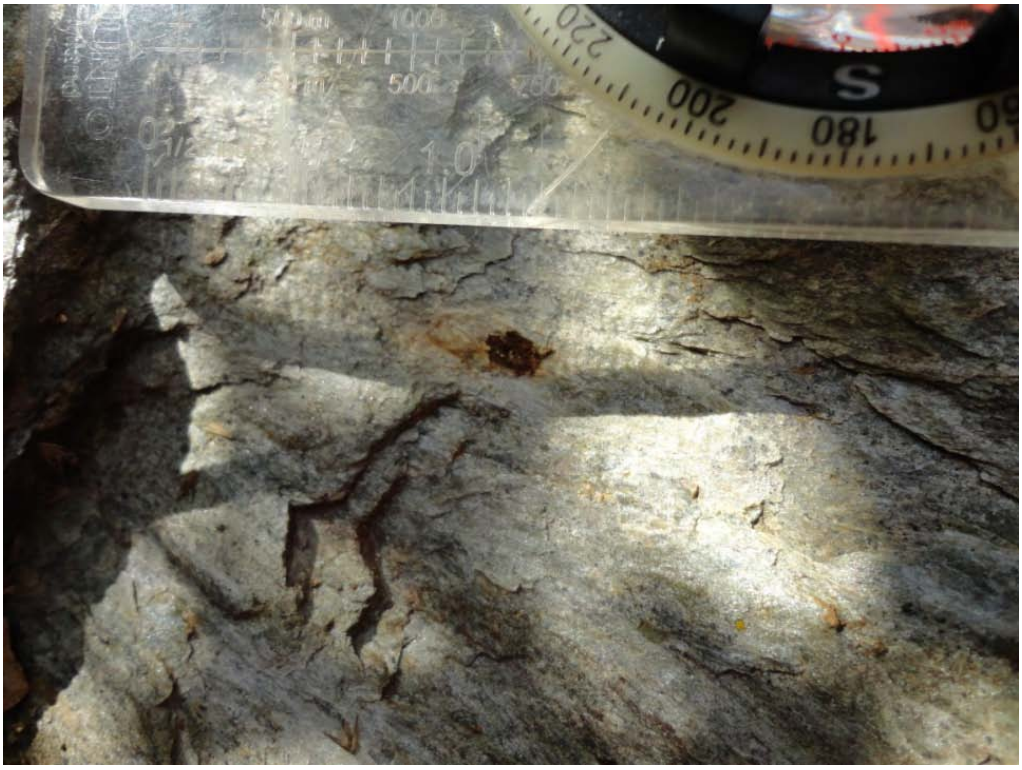


Photo 1.1: rusty pyrite? grain contained in phyllite unit.

Photo 1.2: Disseminated oxidized pyrite? grains in phyllite (scratch pen for scale).

Photo 1.3: Quartz vein in outcrop (notebook for scale).

Photo 1.4: Oxidized quartz vein broken from outcrop (magnetic pen for scale).

Sim90 Outcrop: Approximately 20m wide outcrop of [oxidized] quartz-veined, fine-grained calcitic limestone/marble with [locally oxidized] fissile interbeds of slate(?) The rock is oxidized yellow-brown in colour and fresh fracture faces vary from very white – dark grey black. The calcitic limetone/marble readily effervesces in HCl. Marble is weathered more strongly than quartz and leaves quartz veins protruding outward.

Table 2.0

XRF#	**Lithology**
545	Dark-green/black slate(?) (Photo 2.0)
546	Fresh marble face (Photo 2.1)
547	Oxidization on quartz vein (Photo 2.2)
548	Quartz vein (Photo 2.2)
549	Oxidized slate(?) (Photo 2.3)

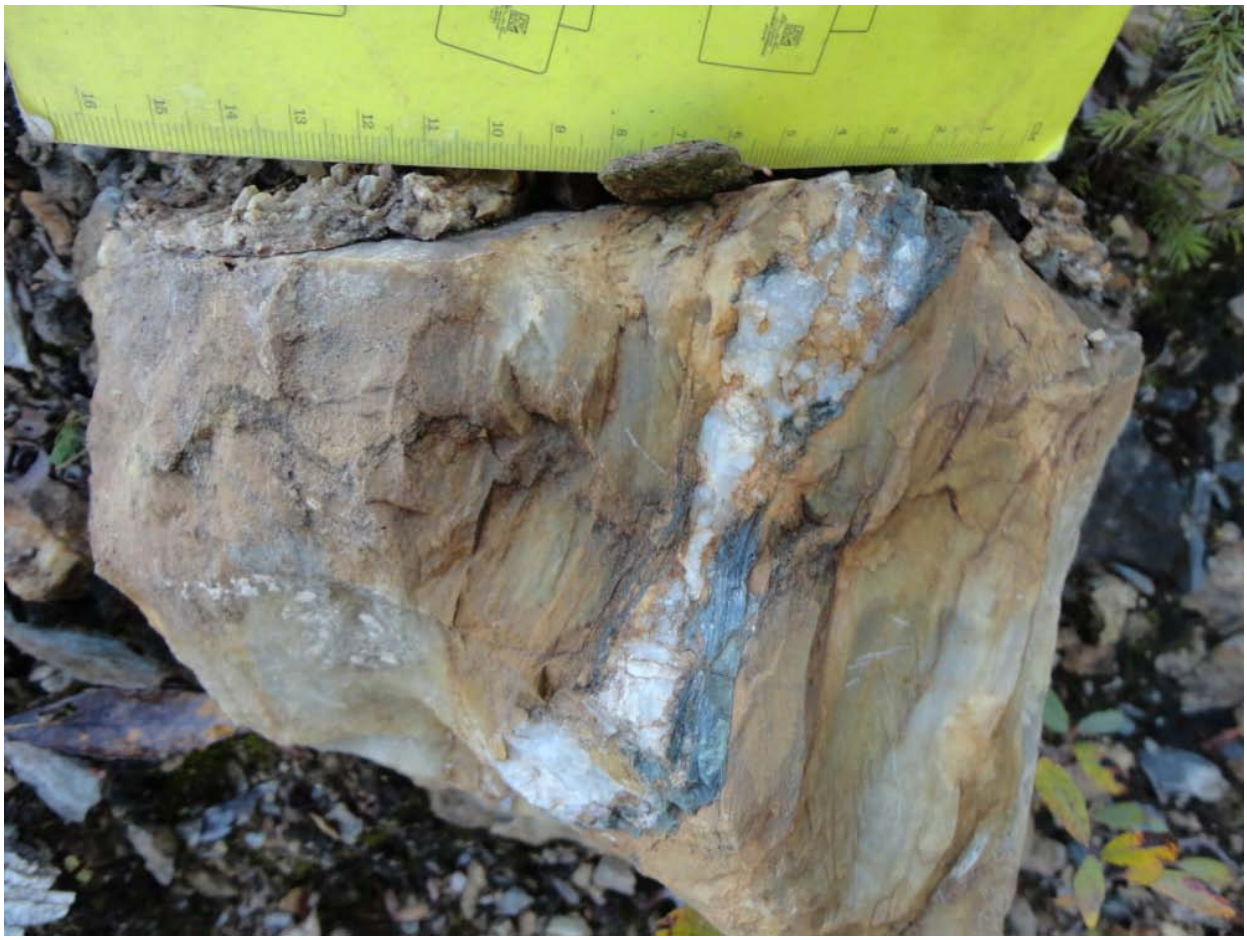


Photo 2.0: Calcitic limestone/marble (brown) with quartz vein and an interbed of slate(?) (dark green).

Photo 2.1: Fresh limestone/marble face, note marbled appearance (dark patterns).

Photo 2.2: Quartz vein in limestone/marble with oxidized blotch.

Photo 2.3: Interbed of oxidized and fissile slate(?).

7.2 Sampling Method and Approach

Soils were sampled and/or collected from the flanks of logging roadside. A pick and shovel were used to recover soil from a depth of 15-25cm. Soils were predominantly coarse-grained (coarse grained sand matrix with gravel-cobble sized clasts). The soils collected are interpreted to be predominantly colluvial (derived from erosional processes above) as clasts are large and angular and represent the lithologies found in outcrop on location. At each sample location, a GPS waypoint was taken and marked in notebook, the area was flagged with tape (Sample Name – Soils – Sep2012 – JB), and any pertinent observations were noted.

7.3 Sample Preparation and Analysis

The Niton XL3t XRF analyzer was used to conduct the soil-survey. Soils were analyzed using the 'Soils' sampling method for an average of 45 seconds each. Samples were further analyzed with the 'TestAllGeo' sampling method at random locations for an average of 45 to 120 seconds each to provide a comparison between each sampling method. Samples were also collected at random and bagged for any further comparison/testing. All rocks sampled in outcrop were tested with the 'TestAllGeo' sampling method. Known standards were also used for calibration and quality control purposes.

The 2012 XRF soil and rock geochemical results are in Appendices C, D and E.

8.0 GEOLOGY

8.1 Regional Geology

The geological descriptions below derive mainly from Struik (1988), Panteleyev et al. (1996) and Payne and Perry (2001).

During the mid-Jurassic the North American continental plate collided with a group of island arcs to the west. Regional deformation and metamorphism are related to these events.

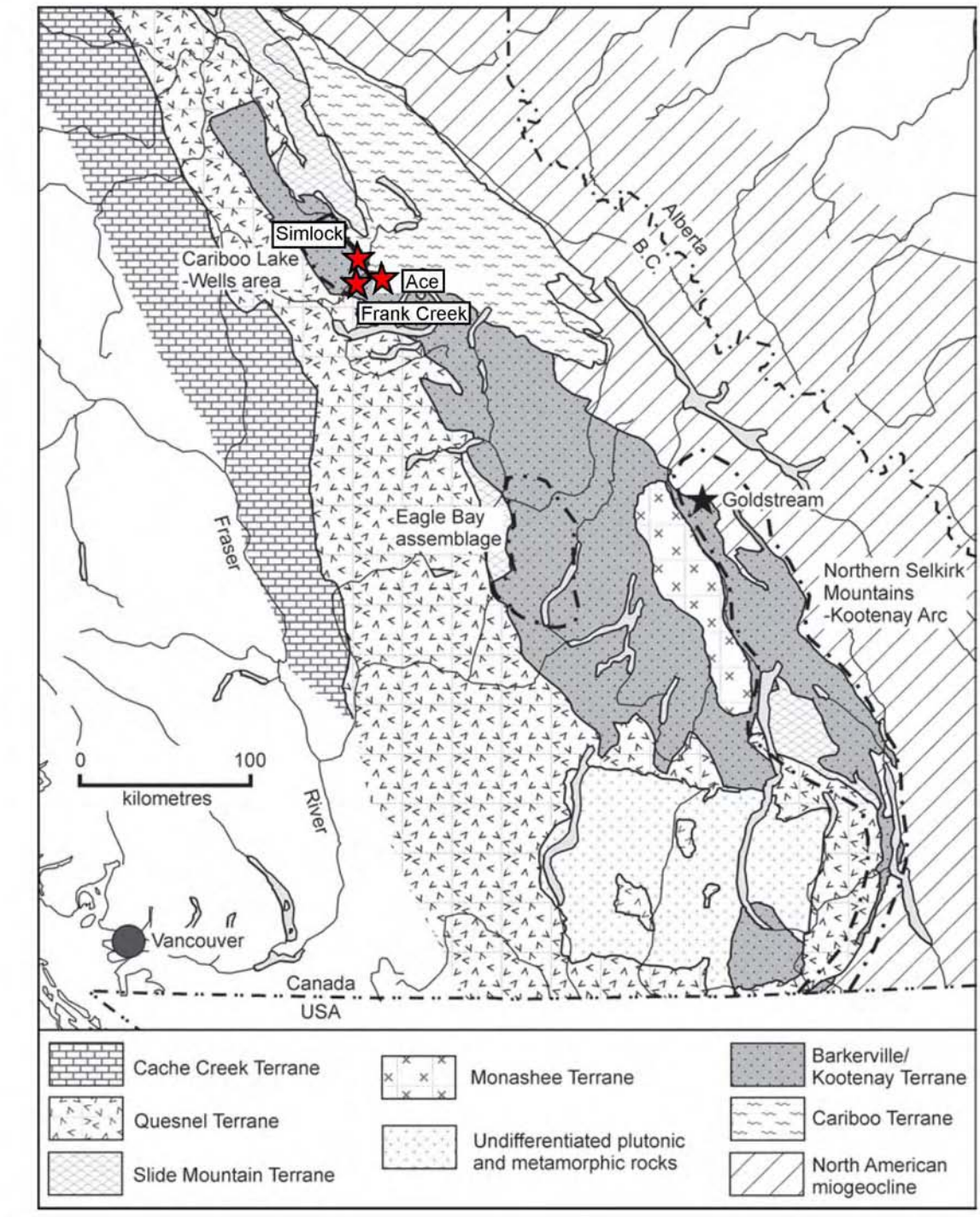


Figure No. 5 Terrane Map of Southern British Columbia. Selected Barker Minerals' properties are indicated by red stars.

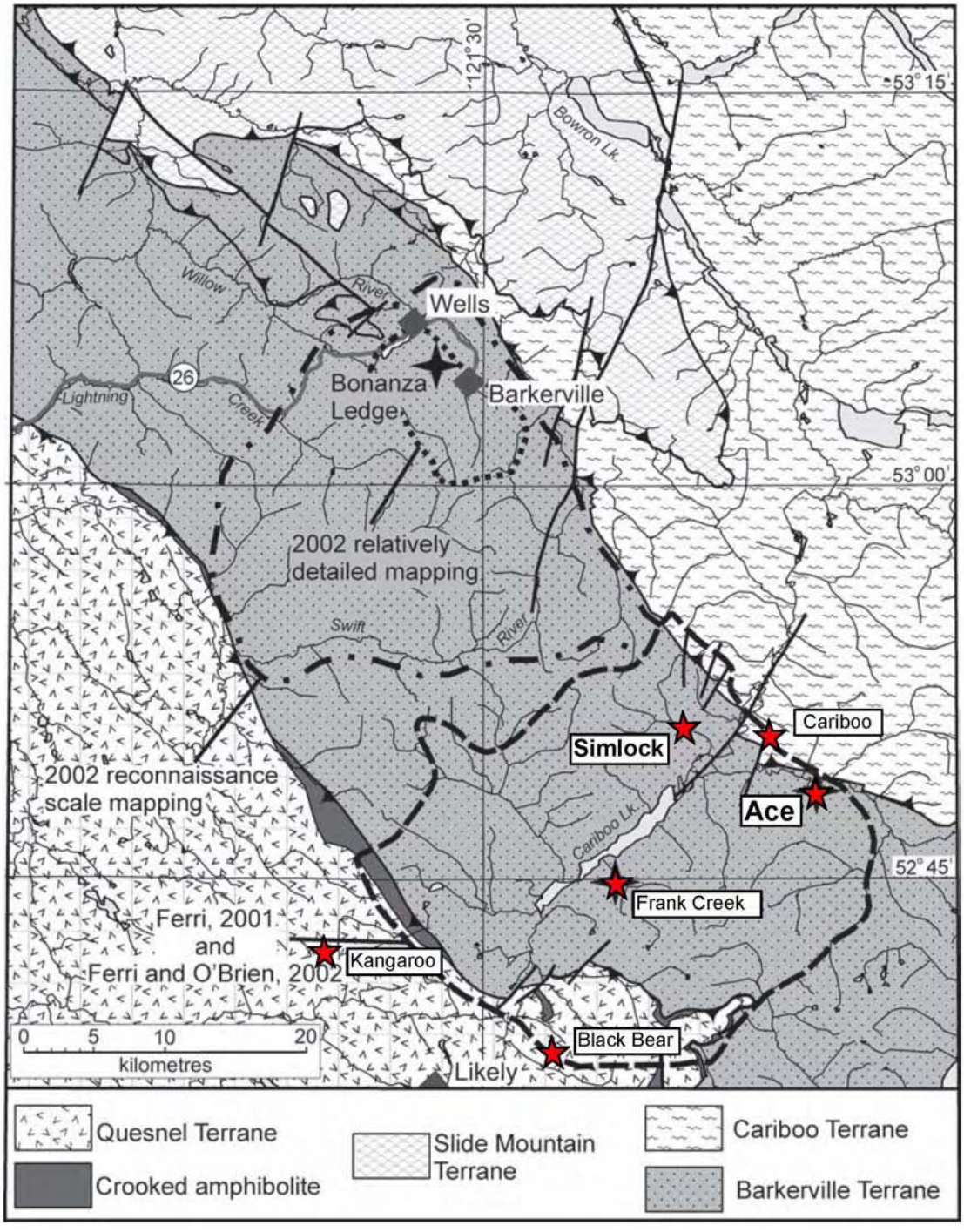


Figure No. 6 Terrane Map of Cariboo Lake – Wells area showing areas mapped by BCGS in 2000 - 2002. Selected Barker Minerals' properties are indicated by red stars.

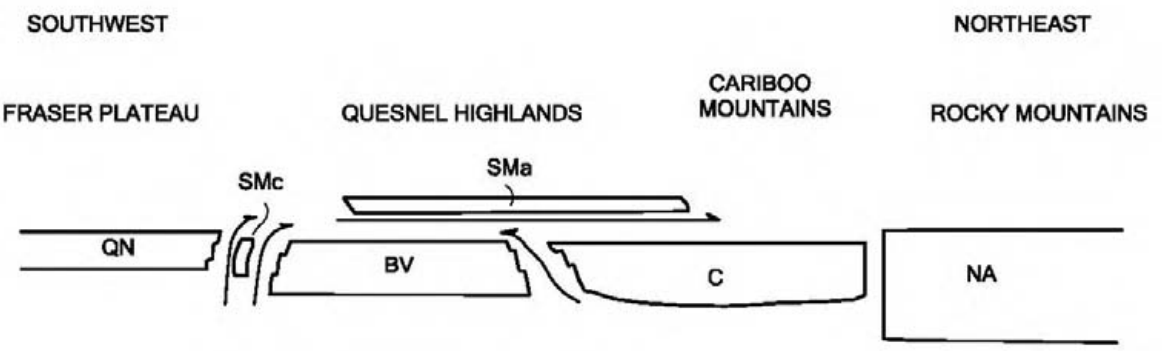


Figure No. 7 Schematic Regional Structural Section from southwest to northeast across the four Terranes in Barker Minerals' claims area, showing the relative structural position of the Terranes. The Terrane symbols are BV-Barkerville, C-Cariboo, Sma-Slide Mountain (Antler Formation), SMc-Slide Mountain (Crooked amphibolite), QN-Quesnel and NA-North American. (after Struik, 1988).

8.2 Quesnel Terrane

The Late Triassic to Early Jurassic Quesnel terrane…was accreted to the North American continent, in part by subduction and in part by obduction. The Eureka thrust fault marks the boundary between the Quesnel and Barkerville terranes. The terrane is partly submarine and partly subaerial, consisting of volcanic and volcaniclastic rocks and co-magmatic intrusions, with minor carbonate lenses and related sedimentary rocks.

The principal assemblage in the Quesnel Terrane is the Triassic-Jurassic Nicola island arc – marginal basin sequence. The underlying rocks are the Crooked amphibolite, part of the Slide Mountain assemblage, a mylonitized mafic and ultramafic unit of oceanic marginal basin volcanic and sedimentary rocks. Rocks of Quesnel Terrane and Crooked amphibolite are structurally coupled and tectonically emplaced by the Eureka Thrust onto the Barkerville Terrane, to the east.

Two lithostratigraphic subdivisions of the Quesnel Terrane consists of: a basal Middle to Late Triassic metasedimentary unit of dominantly black phylitic rocks, approximately 7 km thick, and an overlying Late Triassic to Early Jurassic volcanic arc assemblage, approximately 9 km thick. The overlying volcanic rocks outline a northwesterly trending belt of subaqueous and subaerial volcanic rocks, deposited along a series of volcanic-intrusive centres that define the Quesnel island arc of predominantly alkalic basalts.

Within…the northern extension of the Quesnel Trough, the term…Takla Group has been applied to rocks identical to the Quesnel belt rocks…Equivalent rocks to the south…are generally referred to as Nicola Group…Baily (1978) pointed out the similarity of the Quesnel volcanic units with both the Nicola Group rocks to the south and the Takla Group rocks to the north…The term Takla leads to ambiguity because in northern British Columbia it has been used for rocks in both Quesnel and Stikine terranes…The usage for the Triassic-Jurassic volcanic arc and related rocks in Quesnellia currently preferred is Nicola Group. The term Takla Group possibly should be discarded… (Panteleyev et al., (1996).

The Quesnel Trough is a well-mineralized region typical of other Late Triassic to Early Jurassic volcano-plutonic island arcs in the Cordillera. It hosts a wide variety of mineral deposits. The principal recent exploration and economic development targets in the central Quesnel belt are alkalic intrusion-related porphyry copper-gold deposits and gold-bearing propylitic alteration zones formed in

volcanic rocks peripheral to some of the intrusions. Other important targets are auriferous quartz veins in the black phyllite metasedimentary succession. The veins in some black phyllite members have potential to be mined as large tonnage, low-grade deposits. Tertiary rocks are mineralized with copper and gold. Antimony-arsenic and mercury mineralization in some apparently low temperature quartz-calcite veins indicated the potential for epithermal deposits. Placer mining for gold, said to occur together with platinum, has been of major historical and economic importance.

8.3 Slide Mountain Terrane

Rocks of the Devonian to Late Triassic Slide Mountain Terrane were partly obducted, partly subducted during collision of an oceanic plate with the continent. Small slices of mainly mafic volcanic rocks and ultramafic rocks of the Slide Mountain Terrane occur in and parallel to the Eureka thrust. Minor lithologies include chert, meta-siltstone and argillite.

The Crooked amphibolite, considered likely a part of the Slide Mountain Terrane, includes three major constituent rock types: greenstone, metagabbro and meta-ultramafite. North of Quesnel Lake, the map units consist of mafic metavolcanics, amphibolite, chlorite schist, serpentinite, ultramafic rocks and pillow lavas. Chemical analyses indicate subalkaline tholeiitic compositions of basalts formed on the ocean floor. If the Crooked amphibolite is a sheared and metamorphosed equivalent of the Antler Formation and is part of the Slide Mountain Terrane, it is separated from the underlying Barkerville Terrane by the Eureka thrust, a wide zone of mylonitization. The Crooked amphibolite and the overlying rocks of Quesnel Terrane are structurally coupled and emplaced tectonically onto Barkerville Terrane.

8.4 Barkerville Terrane

The Barkerville Terrane is made up of the Snowshoe Group and Quesnel Lake gneiss. The Snowshoe rocks are Upper Proterozoic to Upper Devonian metasediments, considered correlative in age with Eagle Bay rocks of the Kootenay Terrane to the south. The Snowshoe rocks are dominated by varieties of grit, quartzite, pelite, limestone and volcaniclastic rocks. The stratigraphic sequence is not well understood. The region was deformed by intense, complex, in part isoclinal folding and overturning. Locally, strong shear deformation produced mylonitic textures. The Quesnel Lake gneiss is a Devonian to Mississippian intrusive unit varying in composition from diorite to granite to syenite. It is generally coarse grained, leucocratic, often with megacrysts of potassium feldspar. The main body of gneiss is 30 km long by 3 km wide and is elongated parallel to the eastern border of the Intermontane belt. Its contacts are in part concordant with, and in part perpendicular to, metamorphic layering.

The contact between the Barkerville Terrane and Cariboo Terrane to the east is the Pleasant Valley Thrust. The Barkerville and Cariboo Terranes were juxtaposed prior to emplacement of the Slide Mountain Terrane which was thrust over both of them. The northeastern third of the Barkerville Terrane is the main zone of economic interest in the Cariboo district. Struik described it as “gold-enriched”, because it contains the historic Wells and Barkerville mines and the Cariboo Hudson deposit, approximately 40 km and 20 km northwest of the project area, respectively.

8.5 Cariboo Terrane

The northeastern part of Barker Minerals’ ‘Peripheral’ claim group is underlain by Precambrian to Permo-Triassic marine peri-cratonic sedimentary strata of the Cariboo terrane. The Cariboo Terrane consists mainly of limestone and dolomite with lesser siliceous, clastic, sedimentary rocks and argillite. Some geologists believe that the Cariboo Terrane is a shallow, near-shore facies and the Barkerville is a deeper, offshore facies of the same erosion-deposition system. No rifting is suspected between the Cariboo Terrane and the North American continent, in contrast to that between the Barkerville Terrane and the North American continent. Lithologies within the Cariboo Terrane correlate well with parts of the Cassiar Platform and Selwyn Basin of Yukon and northern British Columbia.

The Cariboo and Barkerville Terranes are separated by the regional Pleasant Valley thrust fault, which dips moderately to steeply northeast. Struik (1988) states the Cariboo block was thrust from the east over the Barkerville block along a strike length of over 100 km. The Cariboo Terrane was cut by the Jurassic-Cretaceous Little River stock, a medium-grained granodiorite grading to quartz monzonite. Some of the carbonate layers in the lowest part of the Cariboo terrane (or upper part of the Barkerville Terrane) are enriched in zinc and lead. Since the 1970's, preliminary exploration on stratiform Zn-Pb targets has been conducted in this area.

8.6 Glaciation and glacial deposits

The last glacial stage that affected the Quesnel Highland, the Fraser glaciation, began 30,000 years ago. Much of this ice had melted by 10,000 years ago, but small remnants are preserved high in the alpine areas of the Cariboo Mountains. At lower elevations, glaciers of this age scoured the debris left by preceding ice advances, almost completely destroying them, leaving a chaotic assemblage of unsorted till, moraine and drift, with lenses of gravel and sand that had been roughly sorted by melt water and rivers, leaving behind beds of silt and clay that were stratified by settlement in ice-dammed lakes. In the Cariboo area, the debris covers bedrock in valleys below 1,700 m, leaving typical glacial features such as U-shaped valleys, ice-sculpted drumlins, moraine terraces and glacier and river benches. On the Barker Minerals properties, glacial deposits range from one to a few tens of metres thick. Some glacial till deposits are overlain by well-bedded glaciolacustrine clay and silt deposits up to a few tens of metres thick.

In much of the Cariboo district, a layer of distinctive, hard, compact, semi-rigid blue clay sits either on or slightly above bedrock and acts as “false” bedrock. It was formed from glacial drift left behind by the last ice advance prior to the Fraser glaciation and was compacted by the weight of the Fraser stage ice. In the placer-gold areas of the Cariboo, large amounts of gold were recovered from gravel resting on this clay. In places the clay layer was penetrated by the placer miners to reach richer “pay streaks” on true bedrock below.

8.7 Local Geology

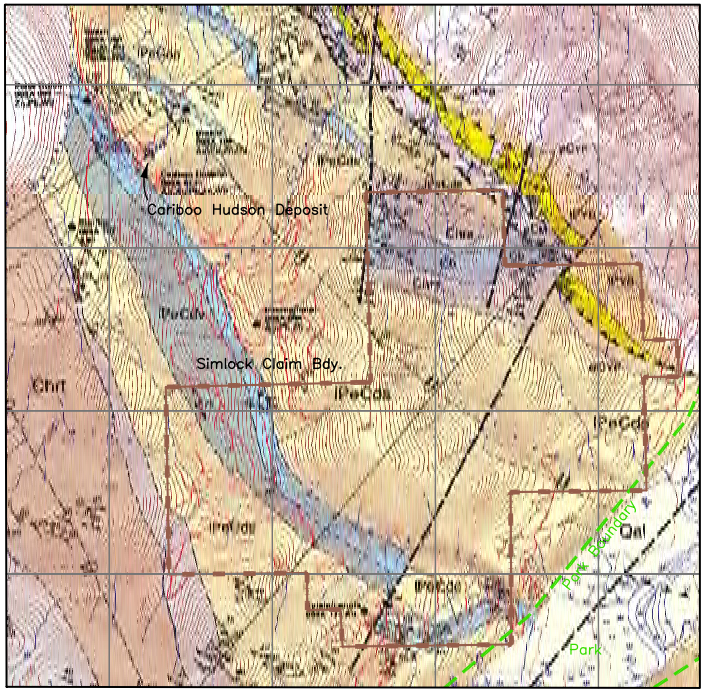
The area of the Simlock property prospected by Barker Minerals in 2009 is underlain by quartzite, mafic volcanics and limestone generally as indicated on Figure No. 8, after the geology map by Ferri and O’Brien (2003). There is very little outcrop present as such no extensive geological mapping has been done.

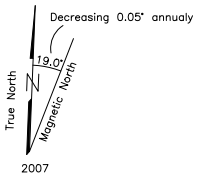
9.0 GEOPHYSICAL COMPILATION

9.1 Likely Survey

The Geological Survey of Canada conducted an airborne geophysical survey (Likely survey) in 2008-2009 covering a 30 km x 150 km area oriented NW-SE between the latitudes of Quesnel and Williams Lake. A portion of this survey covered the area of the Simlock property. The work resulted in a series of 1:50,000 scale magnetic and gamma-ray spectrometric maps, published as GSC Open Files 6157 to 6166.

The Geological Survey of Canada conducted a more detailed airborne geophysical survey over the central portion of the Likely survey. This area covered a 30 km x 50 km area mainly over the eastern half of Barker Minerals’ claims. The flight lines were 200 m apart and oriented NE-SW as before. This work resulted in a series of 1:50,000 scale magnetic and conductivity maps published as GSC Open Files 6232 to 6252.





Geological information here is from:

Geology of the Cariboo Lake Area, Central British Columbia,
Geology by F. Ferri and B.H. O'Brien,
BCGS Open File 2003-1.

Geologic Legend at right is abbreviated from Open File 2003-1.

Rocks on north side of Pleasant Valley Thrust Fault are part of Cariboo Terrane. Rocks on south side of fault are part of Barkerville Terrane.

GEOLOGIC LEGEND

Early Permian

Pd — Foliated, medium to finely crystalline dark green diorite to gabbro.

Cambrian

Bralco limestone

Cb — Grey to beige weathering, cream to dark grey limestone. Typically mottled and finely recrystallized with minor zones of coarsly crystallized marble. Thin to thickly bedded imparting platy to blocky partings. Locally oolitic?. Rare lenses (up to 1 m thick) of white to beige fine quartzite or recrystalized chert.

Harveys Ridge succession

Chrs — Grey to dark grey or black phyllite, schist, siltstone, blocky to platy dark grey to grey sandstone to impure quartzite. Sandstone locallly characterized by floating grains of dark to black, vitreous quartz. Rare dark grey to grey recrystallized limestone to marble and chloritic phyllite to schist.

Chrt — Transitional Harveys Ridge: Grey to dark grey or black siltstone, phyllite, schist, blocky to platy dark grey to grey sandstone and impure sandstone with thin to thickly bedded sections of micaceous to feldspathic quartz sandstone to quartzite similar to that of the Goose Peak. Commonly contains a thin sequence of Chrs at its base above unit lPeCks.

Late Proterozoiv to Early Permian

Downey succession

lPeCds — Brown to rusty brown weathering, massive to thin bedded light green to grey, fine to coarse grained micaceous and feldspathic quartz sandstone to siltstone. Green (chloritic) to grey or dark grey phyllite or schist interbedded or grading into quartzo-feldspathic schist (meta-wacke). Sections of white, beige, cream or purplish quartzite to orthoquartzite are locally present. Rare massive, orange weathering grey carbonate.

lPeCdv — Chlorite and/or actinolite schist and amphibolite (meta-volcanic) Green to dark green mafic feldspar-pyroxene crystal to lithic tuff. Foliated coarse to very coarse-grained meta-gabbro along Mount Barker. Interbedded with sandstone, feldspathic sandstone, phyllite and schist typical of unit lPeCds.

lPeCdc — Beige to brown or grey weathering, grey to white banded marble. Beige to white calcareous quartzite found locally in upper part. Minor rusty weathering, chloritic schist, grey phyllite, siltstone and sandstone.

Late Ordovician and Devonian to Mississippian or younger

Black Stuart Group

OMBS — Black pelite unit: Black slate, argillite and cherty argillite, black limestone, dolostone and silicified limestone.

Proterozoic and Paleozoic

Cariboo Group

lPeCCu — Cariboo Group undivided.

Early Cambrian

Midas Formation

eCM — Massive black to dark grey quartzite and grey to greenish grey siltstone, purplish grey sandstone or dark grey sandstone and grey slate to phylite.

Yanks Peak Formation

eCYP — Beige white or light grey, thick to massively bedded, fine to coarse grained orthoquartzite to impure quartzite. Minor greenish to grey phyllitic partings.

Late Proterozoic

Yankee Bell Formation

lPYB — Grey to light green phyllite to schist and thin to thickly bedded grey to beige sandstone to siltstone.

LEGEND

Topographic Contour & Elevation
Contour interval 20 metres

Creek, Pond, Swamp

Road

Barker Minerals Claim Boundary

UTM Coordinate System
Map Datum: NAD 83
Zone: 10

Scale 1:60,000
metres

0 600 1,200 1,800 2,400 3,000

BARKER MINERALS LTD.

LITTLE RIVER AREA

GEOLOGY of
ACE and SIMLOCK PROPERTIES

Cariboo Mining Division, B.C.

NTS Mapsheet: 93 A/14	Date: July 24, 2009
Drawn by: RT	Fig.No. 8

Barker's compilation of the extensive airborne surveys resulted included placing Barker's Simlock property claims onto a background showing the first magnetic derivative from portions of the GSC maps from Open File 6157 (see Figure No. 9, below) and the combined magnetic and EM data on GSC maps from Open File 6246 (see Figure No. 10, below).

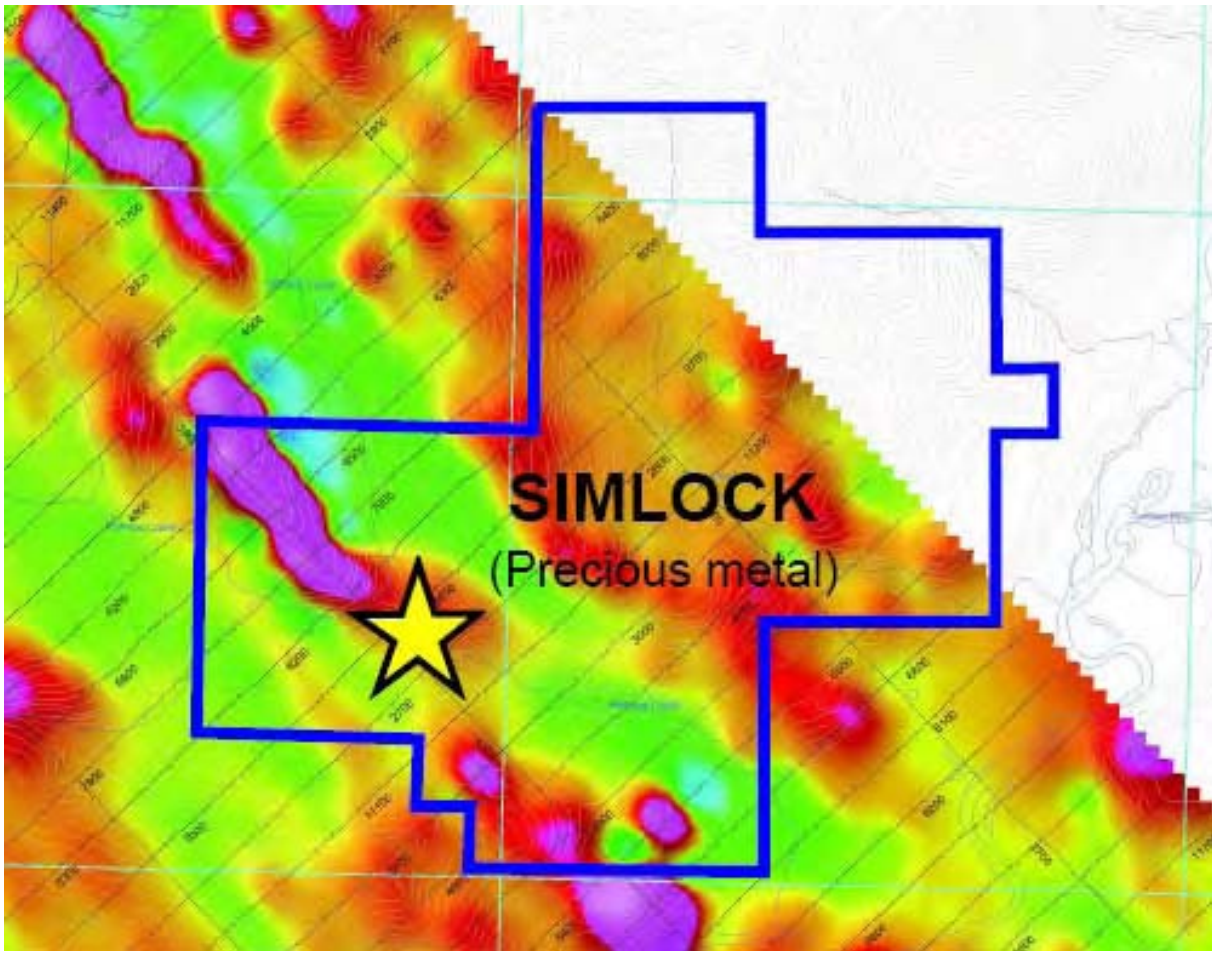


Figure No. 9 Simlock Property superimposed on a portion of GSC Open File Map 6157 showing magnetic anomalies' first derivative. Flight lines are oriented NE-SW and are 400 m apart.

Though evident more clearly on the magnetics' first derivative (Figure No. 9), both Figure Nos. 9 and 10 show a prominent NW-SE trending magnetic anomaly traversing Harvey Creek on the Simlock property. Barker interprets this anomaly to be associated with mafic volcanic and intrusive rock unit in contact with a limestone unit on the east side (see also the Geology map, Figure No. 8). This contact zone is considered favorable for hosting gold mineralization associated with lenses of replacement massive sulphides. Such lenses are known to exist, termed 'ironstone ledges' on the Simlock property.

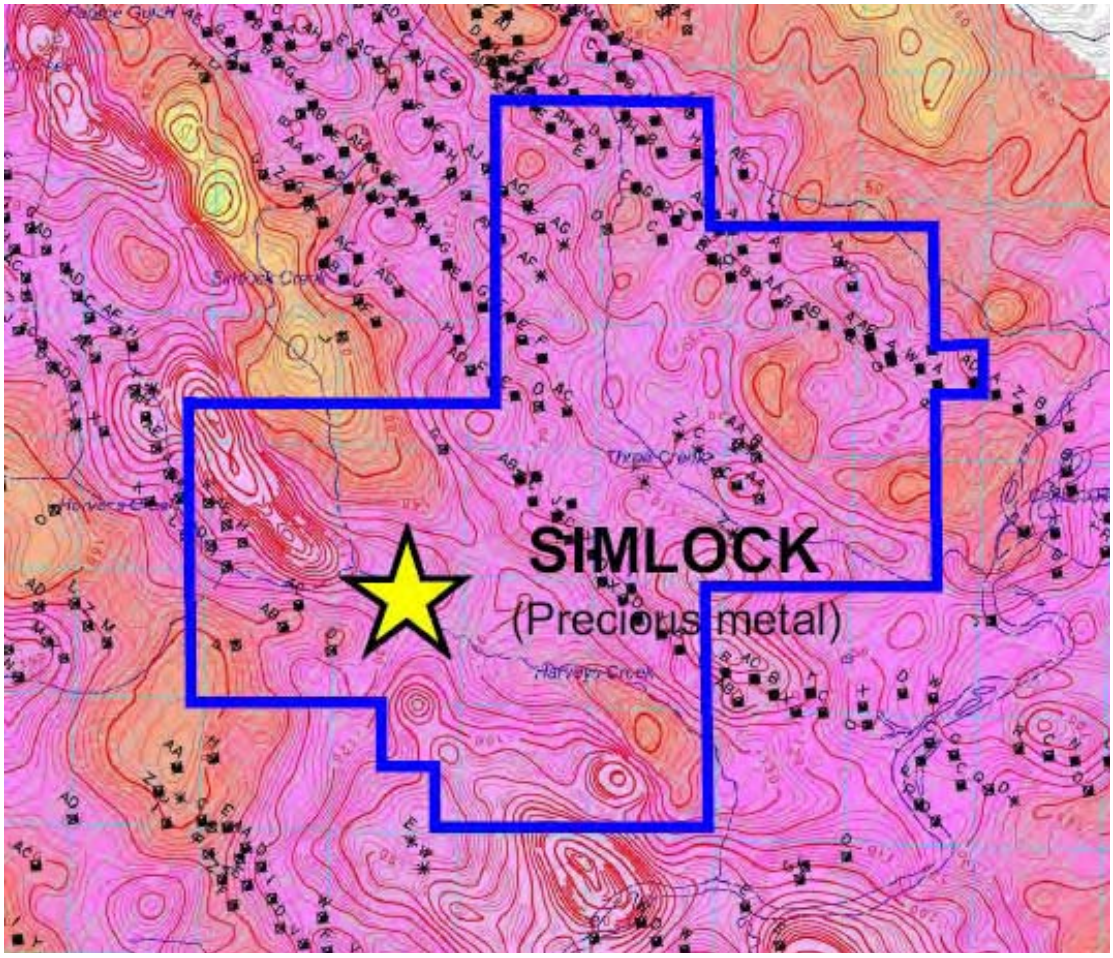


Figure No. 10 Simlock Property superimposed on a portion of GSC Open File Map 6246 showing EM spot anomalies on contoured magnetics. Flight lines are oriented NE-SW and are 200 m apart.

Figure No. 10 furthermore, shows trends of spot EM conductive anomalies. These anomalies may also define favourable mineralized trends and warrant more detailed investigation.

10.0 CONCLUSIONS

Harvey Creek, on which Simlock Creek is a tributary, had rich gold placers which were worked between the 19th century and 1940.

In 2003 D.F. Symonds wrote a NI 43-101 compliant report on the Simlock Creek Property (Symonds, 2003), where he wrote: [the] *anomalous gold trend* [on Simlock Creek] *is about 1.5 kilometres in length and is open to the southeast. There is room to potentially increase the length of the trend up to an additional kilometre towards the western boundary of the Simlock Property. The anomalous gold trend is supported by the presence of gold, silver and lead mineralization in place at six locations along the trend…*

The Simlock Creek Property is located in the same belt of favourable rocks that host significant past-producing gold mines in the Barkerville camp and the Wells camp. The trend of the gold soil geochemical anomaly and associated mineralization roughly parallels the strike of this belt of favourable rocks. The writer [Symonds] *concludes that a program of further work is justified on the*

Simlock Creek Property, based upon exploration results to date and the favourable location of the property with respect to known mines in the area.

This author concurs with Symonds' recommendation of an exploration program including an induced polarization geophysical survey and mechanical trenching and drilling. Ground EM and magnetic surveys should also be done; the objective of the geophysical surveys would be to discover disseminated and local massive sulphide bodies. Such bodies, often occurring with limestone, are an important locus for gold ore bodies in the Wells-Barkerville camp.

The widely-occurring and very high Au geochemical results from streams in the 1986 survey were not sufficiently followed up, as demonstrated in Figure No. 4, showing the locations and values of the stream samples and the relatively small and scattered locations of the follow-up survey grids.

Past survey grids in the Simlock area were limited in area. Large gaps between the survey areas may have missed many prospective outcrops and areas. The Simlock property should be comprehensively explored by geochemical and geophysical means.

11.0 RECOMMENDATIONS

Grid lines, 100 m apart and oriented NE-SW, should be cut between the southwest boundary of the Simlock property and the ridge between Simlock Creek and Three Creek. There would be an equivalent of approximately 70 km of grid lines. Soil samples should be collected at 25 m intervals on the lines. Initially, alternate samples would be analyzed; the remaining samples would be analyzed subsequently on a picked basis.

An induced polarization (IP) geophysical survey and ground EM and magnetic surveys should be done over the cut grid to detect sulphide bodies the gold mineralization may be associated with, and to define stratigraphic trends.

Comprehensive geochemical, geophysical and geological work is recommended over approximately 70 line km of cut grid to properly and fully follow up the very favorable geology and known Au geochemical anomalies and high grade Au results from outcrops.

Extensive and intensive rock sampling should be done over known gold occurrences and new prospective outcrops when discovered. XRF prospecting and analysis methodology will be refined and is expected to be a valuable exploration tool to vector in to areas of interest with the objective of the above work being able to determine areas for follow-up work by mechanical trenching and diamond drilling.

APPENDIX A

Glossary of Technical Terms and Abbreviations

Glossary of Technical Terms and Abbreviations

Anomalous	Chemical and mineralogical changes and higher than typical background values in elements in a rock resulting from reaction with hydrothermal fluids or increase in pressure or temperature.
Anomaly	The geographical area corresponding to anomalous geochemical or geophysical values.
Argentiferous	Containing silver.
Background	The typical concentration of an element or geophysical response in an area, generally referring to values below some threshold level, above which values are designated as anomalous.
BCGS	British Columbia Geological Survey.
B.C. MEMPR	British Columbia Ministry of energy Mines and Petroleum Resources.
cm	Centimetre.
Cratonic	Pertaining to a craton, an old part of the continental crust, generally making up the interior portion of a continent such as North America.
DCIP	An electrical method which uses the injection of current and the measurement of voltage and its rate of decay to determine the subsurface resistivity and chargeability.
DDH	Diamond drill hole.
Diatreme	A breccia-filled volcanic pipe that was formed by a gaseous intrusion.
EM	Electromagnetic.
Float	Loose rocks or boulders; the location of the bedrock source is not known.
GBC	Geoscience BC.
GSC	Geological Survey of Canada
Grab sample	A sample of a single rock or selected rock chips collected from within a restricted area of interest.
g/t	Grams per tonne (metric tonne). 34.29 g/t (metric tonnes) = 1.00 oz/T (short tons)
Ha	Hectare - an area totalling 10,000 square metres, e.g., an area 100 metres by 100 metres.
HLEM	Horizontal loop electromagnetic.

ICP	Inductively coupled plasma.
IP	Induced polarization.
km	Kilometre.
lb.	Pound.
Leucocratic	Light-coloured.
m	Metre.
Max-min	An HLEM technique to test for resistivity and conductivity of rocks.
MT	Magnetotelluric. A electrical method that uses natural variations in the Earth's magnetic field to induce electric current in the ground to determine the subsurface resistivity.
NNW-SSE	North northwest – South southeast
NW-SE	Northwest - southeast.
N-S	North-South.
oz.	Ounce.
oz/T	ounces per ton (Imperial measurement). 34.29 g/t (metric tonnes) = 1.00 oz/T (short tons).
oz/st	ounces per short ton (Imperial measurement, same as oz/T). 34.29 g/t (metric tonnes) = 1.00 oz/st (short tons).
ppb	Parts per billion.
ppm	Parts per million (1 ppm = 1,000 ppb = 1 g/t).
Protolith	The original rock before it was metamorphosed.
QUEST	Quesnellia Exploration Strategy.
TDEM	Time Domain EM.
Tholeiitic	A type of basalt. The most common volcanic rocks on Earth, produced by submarine volcanism at mid-ocean ridges and make up much of the ocean crust. Chemically, these basalts have been described as subalkaline, that is, they contain less (Na_2O plus K_2O) at similar SiO_2 than alkali basalt.
TRIM	Terrain Resource Information Management.
VLF	Very low frequency.

VLF-EM	Very low frequency electromagnetic.
VMS	Volcanic-related massive sulphide.

APPENDIX B

Barker Minerals – Mineral Claims Details

Barker Minerals Ltd. - Simlock Tenures February 2013

Tenure Number	Claim Name	Owner	Tenure Type	Tenure Sub Type	Map Number	Issue Date	Good To Date	Status	Area (ha)
592299	SL2	140410 (100%)	Mineral	Claim	093A	2008/oct/01	2014/may/01	GOOD	370.9946
592300	SL1	140410 (100%)	Mineral	Claim	093A	2008/oct/01	2014/may/01	GOOD	488.1619
592302	SL3	140410 (100%)	Mineral	Claim	093A	2008/oct/01	2014/may/01	GOOD	331.9431
604584	SL 5	140410 (100%)	Mineral	Claim	093A	2009/may/16	2014/may/01	GOOD	487.9846
608523	THREE CREEK	140410 (100%)	Mineral	Claim	093A	2009/jul/19	2014/may/01	GOOD	390.3026

APPENDIX C

2012 Simlock Soils Program - XRF/GPS Data

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ca	K	S
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	599	16675	19632
					646	Soil	120.35	ppm	493	16972	19522
					647	Mining	121.23	ppm	768	15650	< LOD
					648	Mining	121.11	ppm	943	16016	< LOD
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	1239	14536	18770
					650	Soil	120.25	ppm	1232	14455	19500
					651	Mining	120.74	ppm	1426	14353	< LOD
					652	Mining	121.06	ppm	1480	14320	< LOD
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	2014	15697	19664
					654	Soil	120.07	ppm	2027	15587	19209
					655	Mining	121.27	ppm	2038	14611	< LOD
					656	Mining	120.9	ppm	2236	14862	< LOD
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	2550	15025	20357
					658	Soil	120.4	ppm	2635	14992	20205
					659	Mining	121.65	ppm	2809	15065	< LOD
					660	Mining	120.68	ppm	2731	14959	< LOD
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	3122	17728	17941
					662	Soil	120.3	ppm	2964	17974	17958
					663	Mining	120.11	ppm	2933	15988	< LOD
					664	Mining	121.65	ppm	2986	16218	< LOD
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	524	15071	20990
					668	Soil	120.06	ppm	546	15141	20435
					669	Mining	120.89	ppm	751	14685	< LOD
					670	Mining	121.37	ppm	669	14348	< LOD
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	565	16328	17268
					672	Soil	120.06	ppm	601	16336	17972
					673	Mining	120.69	ppm	760	15563	< LOD
					674	Mining	120.25	ppm	816	15441	< LOD
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	407	15020	19323
					676	Soil	120.12	ppm	451	15426	20101
					677	Mining	121.28	ppm	678	15304	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ca	K	S
					678	Mining	120.09	ppm	679	15055	< LOD
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	14366	15347	19740
					680	Soil	120.16	ppm	14077	15390	20917
					681	Mining	121.18	ppm	13630	14600	< LOD
					682	Mining	120.77	ppm	13798	14690	< LOD
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	26753	14002	19631
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	26704	14054	19741
					685	Mining	120.43	ppm	26121	13889	< LOD
					686	Mining	120.25	ppm	26384	14071	< LOD
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	1146	11936	22574
					692	Soil	120.12	ppm	1070	11924	22519
					693	Mining	120.2	ppm	1286	11967	< LOD
					694	Mining	121.26	ppm	1247	11759	< LOD
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	1375	10925	22928
					696	Soil	120.05	ppm	1419	10902	23194
					697	Mining	121.76	ppm	1480	10247	< LOD
					698	Mining	121.63	ppm	1484	10267	< LOD
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	1494	11887	21414
					703	Soil	120.14	ppm	1626	12066	21729
					704	Mining	120.07	ppm	1578	11487	< LOD
					705	Mining	121.46	ppm	1644	11243	< LOD
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	527	7948	24131
					707	Soil	120.22	ppm	580	8038	24101
					708	Mining	120.22	ppm	807	7621	< LOD
					709	Mining	121.03	ppm	778	7647	< LOD
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	938	11954	25167
					711	Soil	120.04	ppm	898	11882	23441
					712	Mining	121.83	ppm	1167	11342	< LOD
					713	Mining	120.61	ppm	1114	11258	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ca	K	S
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	3291	10417	22127
					717	Soil	120.13	ppm	3238	10515	22691
					718	Mining	121.63	ppm	3377	10312	< LOD
					719	Mining	121.19	ppm	3235	10526	< LOD
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	2762	12092	20766
					721	Soil	120.11	ppm	2712	12304	20959
					722	Mining	121.47	ppm	2623	11892	< LOD
					723	Mining	120.88	ppm	2584	11519	< LOD
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	12141	12192	20984
					725	Soil	120	ppm	12304	12018	21226
					726	Mining	121.8	ppm	12378	12421	< LOD
					727	Mining	120.87	ppm	12372	12625	< LOD
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	119	22909	20262
					729	Soil	120.32	ppm	209	22698	21096
					730	Mining	120.21	ppm	< LOD	22506	< LOD
					731	Mining	120.6	ppm	< LOD	23080	< LOD
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	113	18668	22979
					733	Soil	120.22	ppm	< LOD	18698	23906
					734	Mining	121.79	ppm	< LOD	18684	< LOD
					735	Mining	120.38	ppm	< LOD	18541	< LOD
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	207	18955	21911
					739	Soil	120.34	ppm	281	18691	21628
					740	Mining	121.23	ppm	512	17776	< LOD
					741	Mining	121.49	ppm	503	17511	< LOD
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	350	19255	19869
					745	Soil	120.35	ppm	364	19156	19545
					746	Mining	121.4	ppm	471	19083	< LOD
					747	Mining	120.75	ppm	534	18991	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ca	K	S
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	365	18899	20040
					749	Soil	120.1	ppm	331	18959	20177
					750	Mining	120.83	ppm	510	19507	< LOD
					751	Mining	121.7	ppm	497	19504	< LOD
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	227	21443	22039
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	291	21321	21792
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	377	20241	< LOD
					755	Mining	120.75	ppm	< LOD	20259	< LOD
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	248	19917	22774
					759	Soil	120.23	ppm	220	19737	22470
					760	Mining	121.18	ppm	412	18475	< LOD
					761	Mining	121.55	ppm	447	18597	< LOD
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	1407	19742	21846
					765	Soil	120.13	ppm	1434	19456	22505
					766	Mining	121.32	ppm	1662	19107	< LOD
					767	Mining	120.09	ppm	1518	19187	< LOD
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	487	21674	22682
					769	Soil	120.04	ppm	527	21630	21488
					770	Mining	120.72	ppm	721	20562	< LOD
					771	Mining	121.48	ppm	586	20975	< LOD
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	276	17403	22109
					773	Soil	120.07	ppm	375	17202	21130
					774	Mining	120.1	ppm	589	16985	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ca	K	S
					775	Mining	121.64	ppm	520	17007	< LOD
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	641	17807	22435
					777	Soil	120.21	ppm	589	18110	21964
					778	Mining	121	ppm	732	16822	< LOD
					779	Mining	120.04	ppm	711	17020	< LOD
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	575	18403	22555
					781	Soil	120.29	ppm	559	18526	22865
					782	Mining	121.69	ppm	745	17749	< LOD
					783	Mining	120.96	ppm	619	17605	< LOD
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	400	18497	23365
					787	Soil	120.24	ppm	424	18224	23908
					788	Mining	120.77	ppm	572	17329	< LOD
					789	Mining	120.39	ppm	480	16664	< LOD
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	348	17415	21050
					791	Soil	120.24	ppm	374	17355	21081
					792	Mining	121.59	ppm	514	16321	< LOD
					793	Mining	120.92	ppm	566	16722	< LOD
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	365	18025	20564
					795	Soil	120.12	ppm	352	18018	19689
					796	Mining	121.34	ppm	521	17999	< LOD
					797	Mining	120.9	ppm	510	18236	< LOD
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	< LOD	18697	20881
					799	Soil	120.04	ppm	115	18857	20584
					800	Mining	120.03	ppm	< LOD	17982	< LOD
					801	Mining	120.01	ppm	< LOD	17993	< LOD
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	491	19205	23691
					803	Soil	120.02	ppm	486	19241	22239

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ca	K	S
					804	Mining	120.79	ppm	733	17706	< LOD
					805	Mining	120.18	ppm	696	17972	< LOD
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	180	18852	22238
					810	Soil	120.05	ppm	219	18680	21464
					811	Mining	120.21	ppm	521	17726	< LOD
					812	Mining	121.59	ppm	461	18118	< LOD
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	152	18061	19459
					814	Soil	120.32	ppm	214	17675	20408
					815	Mining	120.47	ppm	< LOD	17192	< LOD
					816	Mining	121.66	ppm	< LOD	17236	< LOD
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	227	22053	21180
					818	Soil	120.11	ppm	330	21890	20196
					819	Mining	121.56	ppm	402	21178	< LOD
					820	Mining	121.37	ppm	433	20629	< LOD
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	550	19767	19631
					822	Soil	120.03	ppm	520	19631	19881
					823	Mining	121.32	ppm	757	19207	< LOD
					824	Mining	120.09	ppm	771	18808	< LOD
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	446	19303	24038
					826	Soil	120.05	ppm	384	19307	24443
					827	Mining	120.93	ppm	470	17893	< LOD
					828	Mining	121	ppm	579	17862	< LOD
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	444	20314	21905
					832	Soil	120.06	ppm	390	20513	23294
					833	Mining	120.78	ppm	529	19590	< LOD
					834	Mining	120	ppm	575	19974	< LOD
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	1258	16019	22508
					836	Soil	120.29	ppm	1357	15967	22311
					837	Mining	120.26	ppm	1224	14755	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ca	K	S
					838	Mining	121.64	ppm	1264	14701	< LOD
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	516	16755	20390
					840	Soil	120.11	ppm	458	17076	20430
					841	Mining	121.23	ppm	600	16334	< LOD
					842	Mining	120.09	ppm	503	16515	< LOD
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Ca**	**K**	**S**
					665	Soil	120.08	ppm	1157	1057	164752
					666	Mining	121.09	ppm	1344	1208	68901
					687	Soil	120.31	ppm	933	958	164549
					688	Mining	120.75	ppm	1148	854	65108
					714	Soil	120.26	ppm	969	837	145471
					715	Mining	120.62	ppm	1273	878	68539
					736	Soil	120.17	ppm	914	922	156618
					737	Mining	121.35	ppm	1307	997	69925
					756	Mining	120.24	ppm	1458	24792	< LOD
					757	Mining	120.35	ppm	1093	20531	< LOD
					762	Soil	119.49	ppm	985	979	162159
					763	Mining	120.46	ppm	1413	1073	68337
					784	Soil	120.05	ppm	719	917	164378
					785	Mining	120.24	ppm	951	767	64949
					806	Soil	120.01	ppm	771	739	151127
					807	Mining	120.97	ppm	1222	987	68092
					829	Soil	120.07	ppm	884	989	158605
					830	Mining	120.72	ppm	1256	934	70890

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ba	Cs	Te
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	965	56	50
					646	Soil	120.35	ppm	981	62	66
					647	Mining	121.23	ppm	756		
					648	Mining	121.11	ppm	770		
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	780	53	< LOD
					650	Soil	120.25	ppm	745	46	< LOD
					651	Mining	120.74	ppm	654		
					652	Mining	121.06	ppm	666		
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	824	71	73
					654	Soil	120.07	ppm	812	79	96
					655	Mining	121.27	ppm	596		
					656	Mining	120.9	ppm	624		
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	1085	94	121
					658	Soil	120.4	ppm	1115	98	119
					659	Mining	121.65	ppm	779		
					660	Mining	120.68	ppm	824		
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	833	70	75
					662	Soil	120.3	ppm	827	73	59
					663	Mining	120.11	ppm	613		
					664	Mining	121.65	ppm	604		
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	919	61	62
					668	Soil	120.06	ppm	930	67	94
					669	Mining	120.89	ppm	724		
					670	Mining	121.37	ppm	712		
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	783	78	72
					672	Soil	120.06	ppm	775	66	54
					673	Mining	120.69	ppm	584		
					674	Mining	120.25	ppm	582		
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	726	55	60
					676	Soil	120.12	ppm	689	47	53
					677	Mining	121.28	ppm	582		

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ba	Cs	Te
					678	Mining	120.09	ppm	548		
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	701	75	90
					680	Soil	120.16	ppm	754	79	85
					681	Mining	121.18	ppm	509		
					682	Mining	120.77	ppm	548		
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	751	87	75
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	763	72	89
					685	Mining	120.43	ppm	556		
					686	Mining	120.25	ppm	577		
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	679	67	89
					692	Soil	120.12	ppm	758	70	66
					693	Mining	120.2	ppm	534		
					694	Mining	121.26	ppm	515		
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	743	66	81
					696	Soil	120.05	ppm	735	62	74
					697	Mining	121.76	ppm	546		
					698	Mining	121.63	ppm	586		
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	672	52	47
					703	Soil	120.14	ppm	644	49	52
					704	Mining	120.07	ppm	500		
					705	Mining	121.46	ppm	528		
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	669	77	95
					707	Soil	120.22	ppm	640	66	87
					708	Mining	120.22	ppm	457		
					709	Mining	121.03	ppm	467		
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	759	69	63
					711	Soil	120.04	ppm	726	53	53
					712	Mining	121.83	ppm	572		
					713	Mining	120.61	ppm	574		

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ba	Cs	Te
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	836	53	68
					717	Soil	120.13	ppm	793	34	47
					718	Mining	121.63	ppm	638		
					719	Mining	121.19	ppm	698		
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	823	52	< LOD
					721	Soil	120.11	ppm	871	63	60
					722	Mining	121.47	ppm	695		
					723	Mining	120.88	ppm	714		
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	987	65	79
					725	Soil	120	ppm	1010	65	65
					726	Mining	121.8	ppm	787		
					727	Mining	120.87	ppm	801		
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	945	69	59
					729	Soil	120.32	ppm	959	65	86
					730	Mining	120.21	ppm	694		
					731	Mining	120.6	ppm	729		
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	914	68	66
					733	Soil	120.22	ppm	892	59	44
					734	Mining	121.79	ppm	705		
					735	Mining	120.38	ppm	741		
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	645	30	< LOD
					739	Soil	120.34	ppm	649	38	< LOD
					740	Mining	121.23	ppm	538		
					741	Mining	121.49	ppm	544		
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	650	22	< LOD
					745	Soil	120.35	ppm	674	21	< LOD
					746	Mining	121.4	ppm	578		
					747	Mining	120.75	ppm	622		

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ba	Cs	Te
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	941	68	79
					749	Soil	120.1	ppm	898	52	72
					750	Mining	120.83	ppm	730		
					751	Mining	121.7	ppm	739		
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	973	59	58
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	998	55	42
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	740		
					755	Mining	120.75	ppm	753		
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	709	44	66
					759	Soil	120.23	ppm	753	51	61
					760	Mining	121.18	ppm	560		
					761	Mining	121.55	ppm	600		
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	687	< LOD	< LOD
					765	Soil	120.13	ppm	680	< LOD	< LOD
					766	Mining	121.32	ppm	616		
					767	Mining	120.09	ppm	651		
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	885	47	< LOD
					769	Soil	120.04	ppm	823	27	< LOD
					770	Mining	120.72	ppm	725		
					771	Mining	121.48	ppm	714		
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	864	50	57
					773	Soil	120.07	ppm	874	43	41
					774	Mining	120.1	ppm	686		

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ba	Cs	Te
					775	Mining	121.64	ppm	730		
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	761	34	< LOD
					777	Soil	120.21	ppm	700	28	< LOD
					778	Mining	121	ppm	641		
					779	Mining	120.04	ppm	602		
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	695	38	42
					781	Soil	120.29	ppm	710	39	58
					782	Mining	121.69	ppm	609		
					783	Mining	120.96	ppm	563		
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	867	52	41
					787	Soil	120.24	ppm	910	59	64
					788	Mining	120.77	ppm	690		
					789	Mining	120.39	ppm	708		
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	709	56	62
					791	Soil	120.24	ppm	719	62	71
					792	Mining	121.59	ppm	554		
					793	Mining	120.92	ppm	554		
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	789	50	40
					795	Soil	120.12	ppm	863	53	85
					796	Mining	121.34	ppm	669		
					797	Mining	120.9	ppm	674		
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	712	38	42
					799	Soil	120.04	ppm	749	43	60
					800	Mining	120.03	ppm	585		
					801	Mining	120.01	ppm	579		
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	923	59	70
					803	Soil	120.02	ppm	901	55	62

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ba	Cs	Te
					804	Mining	120.79	ppm	687		
					805	Mining	120.18	ppm	692		
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	900	47	< LOD
					810	Soil	120.05	ppm	1027	56	80
					811	Mining	120.21	ppm	756		
					812	Mining	121.59	ppm	819		
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	820	55	52
					814	Soil	120.32	ppm	929	66	51
					815	Mining	120.47	ppm	634		
					816	Mining	121.66	ppm	644		
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	845	37	41
					818	Soil	120.11	ppm	843	35	52
					819	Mining	121.56	ppm	726		
					820	Mining	121.37	ppm	694		
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	788	37	39
					822	Soil	120.03	ppm	752	46	< LOD
					823	Mining	121.32	ppm	626		
					824	Mining	120.09	ppm	634		
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	806	47	< LOD
					826	Soil	120.05	ppm	778	37	< LOD
					827	Mining	120.93	ppm	646		
					828	Mining	121	ppm	641		
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	911	55	66
					832	Soil	120.06	ppm	888	60	48
					833	Mining	120.78	ppm	708		
					834	Mining	120	ppm	729		
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	706	46	40
					836	Soil	120.29	ppm	788	57	75
					837	Mining	120.26	ppm	577		

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ba	Cs	Te
					838	Mining	121.64	ppm	606		
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	741	38	< LOD
					840	Soil	120.11	ppm	724	40	< LOD
					841	Mining	121.23	ppm	644		
					842	Mining	120.09	ppm	691		
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Ba**	**Cs**	**Te**
					665	Soil	120.08	ppm	536	132	190
					666	Mining	121.09	ppm	237		
					687	Soil	120.31	ppm	468	115	114
					688	Mining	120.75	ppm	263		
					714	Soil	120.26	ppm	562	152	151
					715	Mining	120.62	ppm	253		
					736	Soil	120.17	ppm	586	146	169
					737	Mining	121.35	ppm	297		
					756	Mining	120.24	ppm	< LOD		
					757	Mining	120.35	ppm	< LOD		
					762	Soil	119.49	ppm	516	117	141
					763	Mining	120.46	ppm	328		
					784	Soil	120.05	ppm	652	134	218
					785	Mining	120.24	ppm	268		
					806	Soil	120.01	ppm	540	151	170
					807	Mining	120.97	ppm	246		
					829	Soil	120.07	ppm	512	138	132
					830	Mining	120.72	ppm	200		

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sb	Sn	Cd
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	14	22	< LOD
					646	Soil	120.35	ppm	< LOD	30	< LOD
					647	Mining	121.23	ppm	< LOD	< LOD	< LOD
					648	Mining	121.11	ppm	< LOD	< LOD	< LOD
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	17	< LOD	< LOD
					650	Soil	120.25	ppm	< LOD	25	< LOD
					651	Mining	120.74	ppm	< LOD	< LOD	< LOD
					652	Mining	121.06	ppm	< LOD	< LOD	< LOD
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	26	27	< LOD
					654	Soil	120.07	ppm	25	26	< LOD
					655	Mining	121.27	ppm	< LOD	< LOD	< LOD
					656	Mining	120.9	ppm	< LOD	< LOD	< LOD
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	37	44	13
					658	Soil	120.4	ppm	29	46	< LOD
					659	Mining	121.65	ppm	< LOD	< LOD	< LOD
					660	Mining	120.68	ppm	< LOD	< LOD	< LOD
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	20	36	< LOD
					662	Soil	120.3	ppm	28	22	< LOD
					663	Mining	120.11	ppm	< LOD	< LOD	< LOD
					664	Mining	121.65	ppm	< LOD	< LOD	< LOD
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	21	32	< LOD
					668	Soil	120.06	ppm	21	28	< LOD
					669	Mining	120.89	ppm	< LOD	< LOD	< LOD
					670	Mining	121.37	ppm	< LOD	< LOD	< LOD
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	24	22	< LOD
					672	Soil	120.06	ppm	< LOD	27	< LOD
					673	Mining	120.69	ppm	< LOD	< LOD	< LOD
					674	Mining	120.25	ppm	< LOD	< LOD	< LOD
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	25	22	< LOD
					676	Soil	120.12	ppm	< LOD	16	< LOD
					677	Mining	121.28	ppm	< LOD	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sb	Sn	Cd
					678	Mining	120.09	ppm	< LOD	< LOD	< LOD
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	22	29	< LOD
					680	Soil	120.16	ppm	24	35	< LOD
					681	Mining	121.18	ppm	< LOD	< LOD	< LOD
					682	Mining	120.77	ppm	< LOD	< LOD	< LOD
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	21	29	< LOD
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	17	32	< LOD
					685	Mining	120.43	ppm	< LOD	< LOD	< LOD
					686	Mining	120.25	ppm	< LOD	< LOD	< LOD
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	16	32	< LOD
					692	Soil	120.12	ppm	22	36	< LOD
					693	Mining	120.2	ppm	< LOD	< LOD	< LOD
					694	Mining	121.26	ppm	< LOD	< LOD	< LOD
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	18	35	< LOD
					696	Soil	120.05	ppm	25	24	< LOD
					697	Mining	121.76	ppm	< LOD	< LOD	< LOD
					698	Mining	121.63	ppm	< LOD	< LOD	< LOD
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	17	19	< LOD
					703	Soil	120.14	ppm	16	21	< LOD
					704	Mining	120.07	ppm	< LOD	< LOD	< LOD
					705	Mining	121.46	ppm	< LOD	< LOD	< LOD
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	28	35	< LOD
					707	Soil	120.22	ppm	24	25	< LOD
					708	Mining	120.22	ppm	< LOD	< LOD	< LOD
					709	Mining	121.03	ppm	< LOD	< LOD	< LOD
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	19	28	< LOD
					711	Soil	120.04	ppm	14	25	< LOD
					712	Mining	121.83	ppm	< LOD	< LOD	< LOD
					713	Mining	120.61	ppm	< LOD	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sb	Sn	Cd
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	17	23	< LOD
					717	Soil	120.13	ppm	17	< LOD	< LOD
					718	Mining	121.63	ppm	< LOD	< LOD	< LOD
					719	Mining	121.19	ppm	< LOD	< LOD	< LOD
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	< LOD	23	< LOD
					721	Soil	120.11	ppm	19	20	< LOD
					722	Mining	121.47	ppm	< LOD	< LOD	< LOD
					723	Mining	120.88	ppm	< LOD	< LOD	< LOD
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	22	24	< LOD
					725	Soil	120	ppm	23	29	< LOD
					726	Mining	121.8	ppm	< LOD	< LOD	< LOD
					727	Mining	120.87	ppm	< LOD	< LOD	< LOD
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	31	27	< LOD
					729	Soil	120.32	ppm	24	22	< LOD
					730	Mining	120.21	ppm	< LOD	< LOD	< LOD
					731	Mining	120.6	ppm	< LOD	< LOD	< LOD
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	25	24	< LOD
					733	Soil	120.22	ppm	24	24	< LOD
					734	Mining	121.79	ppm	< LOD	< LOD	< LOD
					735	Mining	120.38	ppm	< LOD	< LOD	< LOD
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	< LOD	15	< LOD
					739	Soil	120.34	ppm	< LOD	< LOD	< LOD
					740	Mining	121.23	ppm	< LOD	< LOD	< LOD
					741	Mining	121.49	ppm	< LOD	< LOD	< LOD
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	< LOD	< LOD	< LOD
					745	Soil	120.35	ppm	< LOD	< LOD	< LOD
					746	Mining	121.4	ppm	< LOD	< LOD	< LOD
					747	Mining	120.75	ppm	< LOD	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sb	Sn	Cd
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	17	30	< LOD
					749	Soil	120.1	ppm	20	22	< LOD
					750	Mining	120.83	ppm	< LOD	< LOD	< LOD
					751	Mining	121.7	ppm	< LOD	< LOD	< LOD
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	19	30	< LOD
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	16	26	< LOD
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	< LOD	< LOD	< LOD
					755	Mining	120.75	ppm	< LOD	< LOD	< LOD
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	30	< LOD	< LOD
					759	Soil	120.23	ppm	19	28	< LOD
					760	Mining	121.18	ppm	< LOD	< LOD	< LOD
					761	Mining	121.55	ppm	< LOD	< LOD	< LOD
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	< LOD	< LOD	< LOD
					765	Soil	120.13	ppm	< LOD	< LOD	< LOD
					766	Mining	121.32	ppm	< LOD	< LOD	< LOD
					767	Mining	120.09	ppm	< LOD	< LOD	< LOD
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	< LOD	18	< LOD
					769	Soil	120.04	ppm	< LOD	< LOD	< LOD
					770	Mining	120.72	ppm	< LOD	< LOD	< LOD
					771	Mining	121.48	ppm	< LOD	< LOD	< LOD
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	< LOD	21	< LOD
					773	Soil	120.07	ppm	< LOD	< LOD	< LOD
					774	Mining	120.1	ppm	< LOD	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sb	Sn	Cd
					775	Mining	121.64	ppm	< LOD	< LOD	< LOD
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	< LOD	< LOD	< LOD
					777	Soil	120.21	ppm	< LOD	< LOD	< LOD
					778	Mining	121	ppm	< LOD	< LOD	< LOD
					779	Mining	120.04	ppm	< LOD	< LOD	< LOD
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	22	16	< LOD
					781	Soil	120.29	ppm	17	22	< LOD
					782	Mining	121.69	ppm	< LOD	< LOD	< LOD
					783	Mining	120.96	ppm	< LOD	< LOD	< LOD
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	19	21	< LOD
					787	Soil	120.24	ppm	20	25	< LOD
					788	Mining	120.77	ppm	< LOD	< LOD	< LOD
					789	Mining	120.39	ppm	< LOD	< LOD	< LOD
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	19	23	< LOD
					791	Soil	120.24	ppm	18	19	< LOD
					792	Mining	121.59	ppm	< LOD	< LOD	< LOD
					793	Mining	120.92	ppm	< LOD	< LOD	< LOD
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	20	17	< LOD
					795	Soil	120.12	ppm	16	28	< LOD
					796	Mining	121.34	ppm	< LOD	< LOD	< LOD
					797	Mining	120.9	ppm	< LOD	< LOD	< LOD
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	18	< LOD	< LOD
					799	Soil	120.04	ppm	19	22	< LOD
					800	Mining	120.03	ppm	< LOD	< LOD	< LOD
					801	Mining	120.01	ppm	< LOD	< LOD	< LOD
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	21	29	< LOD
					803	Soil	120.02	ppm	19	27	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sb	Sn	Cd
					804	Mining	120.79	ppm	< LOD	< LOD	< LOD
					805	Mining	120.18	ppm	< LOD	< LOD	< LOD
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	15	< LOD	< LOD
					810	Soil	120.05	ppm	23	26	< LOD
					811	Mining	120.21	ppm	< LOD	< LOD	< LOD
					812	Mining	121.59	ppm	< LOD	< LOD	< LOD
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	25	24	< LOD
					814	Soil	120.32	ppm	30	30	< LOD
					815	Mining	120.47	ppm	< LOD	< LOD	< LOD
					816	Mining	121.66	ppm	< LOD	< LOD	< LOD
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	< LOD	18	< LOD
					818	Soil	120.11	ppm	15	< LOD	< LOD
					819	Mining	121.56	ppm	< LOD	< LOD	< LOD
					820	Mining	121.37	ppm	< LOD	< LOD	< LOD
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	14	17	< LOD
					822	Soil	120.03	ppm	< LOD	< LOD	< LOD
					823	Mining	121.32	ppm	< LOD	< LOD	< LOD
					824	Mining	120.09	ppm	< LOD	< LOD	< LOD
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	16	16	< LOD
					826	Soil	120.05	ppm	< LOD	17	< LOD
					827	Mining	120.93	ppm	< LOD	< LOD	< LOD
					828	Mining	121	ppm	< LOD	< LOD	< LOD
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	21	28	< LOD
					832	Soil	120.06	ppm	23	20	< LOD
					833	Mining	120.78	ppm	< LOD	< LOD	< LOD
					834	Mining	120	ppm	< LOD	< LOD	< LOD
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	< LOD	24	< LOD
					836	Soil	120.29	ppm	24	34	< LOD
					837	Mining	120.26	ppm	< LOD	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sb	Sn	Cd
					838	Mining	121.64	ppm	< LOD	< LOD	< LOD
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	< LOD	16	< LOD
					840	Soil	120.11	ppm	< LOD	17	< LOD
					841	Mining	121.23	ppm	< LOD	< LOD	< LOD
					842	Mining	120.09	ppm	< LOD	< LOD	< LOD
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Sb**	**Sn**	**Cd**
					665	Soil	120.08	ppm	40	81	20
					666	Mining	121.09	ppm	< LOD	57	< LOD
					687	Soil	120.31	ppm	35	86	24
					688	Mining	120.75	ppm	< LOD	67	< LOD
					714	Soil	120.26	ppm	52	93	23
					715	Mining	120.62	ppm	< LOD	< LOD	< LOD
					736	Soil	120.17	ppm	53	71	30
					737	Mining	121.35	ppm	< LOD	< LOD	< LOD
					756	Mining	120.24	ppm	< LOD	< LOD	< LOD
					757	Mining	120.35	ppm	< LOD	< LOD	< LOD
					762	Soil	119.49	ppm	47	86	< LOD
					763	Mining	120.46	ppm	< LOD	< LOD	< LOD
					784	Soil	120.05	ppm	51	102	< LOD
					785	Mining	120.24	ppm	< LOD	< LOD	< LOD
					806	Soil	120.01	ppm	37	84	30
					807	Mining	120.97	ppm	< LOD	64	< LOD
					829	Soil	120.07	ppm	27	89	22
					830	Mining	120.72	ppm	< LOD	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ag	Pd	Mo
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	< LOD	< LOD	< LOD
					646	Soil	120.35	ppm	< LOD	< LOD	< LOD
					647	Mining	121.23	ppm	< LOD		< LOD
					648	Mining	121.11	ppm	< LOD		< LOD
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	107	< LOD	< LOD
					650	Soil	120.25	ppm	< LOD	< LOD	< LOD
					651	Mining	120.74	ppm	< LOD		< LOD
					652	Mining	121.06	ppm	< LOD		< LOD
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	126	< LOD	< LOD
					654	Soil	120.07	ppm	129	< LOD	< LOD
					655	Mining	121.27	ppm	< LOD		< LOD
					656	Mining	120.9	ppm	< LOD		< LOD
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	163	< LOD	< LOD
					658	Soil	120.4	ppm	161	< LOD	< LOD
					659	Mining	121.65	ppm	< LOD		< LOD
					660	Mining	120.68	ppm	< LOD		< LOD
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	114	< LOD	< LOD
					662	Soil	120.3	ppm	112	< LOD	< LOD
					663	Mining	120.11	ppm	< LOD		< LOD
					664	Mining	121.65	ppm	< LOD		< LOD
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	< LOD	< LOD	< LOD
					668	Soil	120.06	ppm	100	< LOD	< LOD
					669	Mining	120.89	ppm	< LOD		< LOD
					670	Mining	121.37	ppm	< LOD		< LOD
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	107	< LOD	< LOD
					672	Soil	120.06	ppm	104	< LOD	< LOD
					673	Mining	120.69	ppm	< LOD		< LOD
					674	Mining	120.25	ppm	< LOD		< LOD
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	< LOD	< LOD	< LOD
					676	Soil	120.12	ppm	< LOD	< LOD	< LOD
					677	Mining	121.28	ppm	< LOD		< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ag	Pd	Mo
					678	Mining	120.09	ppm	< LOD		< LOD
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	126	< LOD	< LOD
					680	Soil	120.16	ppm	112	< LOD	< LOD
					681	Mining	121.18	ppm	< LOD		< LOD
					682	Mining	120.77	ppm	< LOD		< LOD
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	138	< LOD	< LOD
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	141	< LOD	< LOD
					685	Mining	120.43	ppm	104		< LOD
					686	Mining	120.25	ppm	101		< LOD
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	< LOD	< LOD	< LOD
					692	Soil	120.12	ppm	< LOD	< LOD	< LOD
					693	Mining	120.2	ppm	< LOD		< LOD
					694	Mining	121.26	ppm	< LOD		< LOD
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	114	< LOD	< LOD
					696	Soil	120.05	ppm	106	< LOD	< LOD
					697	Mining	121.76	ppm	< LOD		< LOD
					698	Mining	121.63	ppm	< LOD		< LOD
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	108	< LOD	< LOD
					703	Soil	120.14	ppm	< LOD	< LOD	< LOD
					704	Mining	120.07	ppm	< LOD		< LOD
					705	Mining	121.46	ppm	< LOD		< LOD
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	150	< LOD	< LOD
					707	Soil	120.22	ppm	127	< LOD	< LOD
					708	Mining	120.22	ppm	< LOD		< LOD
					709	Mining	121.03	ppm	101		< LOD
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	< LOD	< LOD	< LOD
					711	Soil	120.04	ppm	< LOD	< LOD	< LOD
					712	Mining	121.83	ppm	< LOD		< LOD
					713	Mining	120.61	ppm	< LOD		< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ag	Pd	Mo
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	< LOD	< LOD	< LOD
					717	Soil	120.13	ppm	< LOD	< LOD	< LOD
					718	Mining	121.63	ppm	< LOD		< LOD
					719	Mining	121.19	ppm	< LOD		< LOD
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	< LOD	< LOD	< LOD
					721	Soil	120.11	ppm	109	15	< LOD
					722	Mining	121.47	ppm	< LOD		< LOD
					723	Mining	120.88	ppm	< LOD		< LOD
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	112	< LOD	< LOD
					725	Soil	120	ppm	114	< LOD	< LOD
					726	Mining	121.8	ppm	106		< LOD
					727	Mining	120.87	ppm	119		< LOD
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	< LOD	< LOD	< LOD
					729	Soil	120.32	ppm	104	< LOD	< LOD
					730	Mining	120.21	ppm	< LOD		< LOD
					731	Mining	120.6	ppm	< LOD		< LOD
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	< LOD	< LOD	< LOD
					733	Soil	120.22	ppm	< LOD	< LOD	< LOD
					734	Mining	121.79	ppm	< LOD		< LOD
					735	Mining	120.38	ppm	< LOD		< LOD
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	< LOD	< LOD	< LOD
					739	Soil	120.34	ppm	< LOD	< LOD	< LOD
					740	Mining	121.23	ppm	< LOD		< LOD
					741	Mining	121.49	ppm	< LOD		< LOD
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	< LOD	< LOD	< LOD
					745	Soil	120.35	ppm	< LOD	< LOD	< LOD
					746	Mining	121.4	ppm	< LOD		< LOD
					747	Mining	120.75	ppm	< LOD		< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ag	Pd	Mo
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	118	< LOD	< LOD
					749	Soil	120.1	ppm	113	< LOD	< LOD
					750	Mining	120.83	ppm	< LOD		< LOD
					751	Mining	121.7	ppm	< LOD		< LOD
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	102	< LOD	< LOD
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	< LOD	< LOD	< LOD
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	< LOD		< LOD
					755	Mining	120.75	ppm	< LOD		< LOD
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	< LOD	< LOD	< LOD
					759	Soil	120.23	ppm	< LOD	< LOD	< LOD
					760	Mining	121.18	ppm	< LOD		< LOD
					761	Mining	121.55	ppm	< LOD		< LOD
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	< LOD	< LOD	< LOD
					765	Soil	120.13	ppm	< LOD	< LOD	< LOD
					766	Mining	121.32	ppm	< LOD		< LOD
					767	Mining	120.09	ppm	< LOD		< LOD
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	< LOD	< LOD	< LOD
					769	Soil	120.04	ppm	< LOD	< LOD	< LOD
					770	Mining	120.72	ppm	< LOD		< LOD
					771	Mining	121.48	ppm	< LOD		< LOD
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	< LOD	< LOD	< LOD
					773	Soil	120.07	ppm	< LOD	< LOD	< LOD
					774	Mining	120.1	ppm	< LOD		< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ag	Pd	Mo
					775	Mining	121.64	ppm	< LOD		< LOD
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	< LOD	< LOD	< LOD
					777	Soil	120.21	ppm	< LOD	< LOD	< LOD
					778	Mining	121	ppm	< LOD		< LOD
					779	Mining	120.04	ppm	< LOD		< LOD
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	< LOD	< LOD	< LOD
					781	Soil	120.29	ppm	< LOD	< LOD	< LOD
					782	Mining	121.69	ppm	< LOD		< LOD
					783	Mining	120.96	ppm	< LOD		< LOD
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	101	< LOD	< LOD
					787	Soil	120.24	ppm	109	< LOD	< LOD
					788	Mining	120.77	ppm	< LOD		< LOD
					789	Mining	120.39	ppm	< LOD		< LOD
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	< LOD	< LOD	< LOD
					791	Soil	120.24	ppm	< LOD	< LOD	< LOD
					792	Mining	121.59	ppm	< LOD		< LOD
					793	Mining	120.92	ppm	< LOD		< LOD
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	< LOD	< LOD	< LOD
					795	Soil	120.12	ppm	< LOD	< LOD	< LOD
					796	Mining	121.34	ppm	< LOD		< LOD
					797	Mining	120.9	ppm	< LOD		< LOD
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	< LOD	< LOD	< LOD
					799	Soil	120.04	ppm	< LOD	< LOD	< LOD
					800	Mining	120.03	ppm	< LOD		< LOD
					801	Mining	120.01	ppm	< LOD		< LOD
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	< LOD	< LOD	< LOD
					803	Soil	120.02	ppm	< LOD	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ag	Pd	Mo
					804	Mining	120.79	ppm	< LOD		< LOD
					805	Mining	120.18	ppm	< LOD		< LOD
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	< LOD	< LOD	< LOD
					810	Soil	120.05	ppm	< LOD	< LOD	< LOD
					811	Mining	120.21	ppm	< LOD		< LOD
					812	Mining	121.59	ppm	< LOD		< LOD
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	103	< LOD	< LOD
					814	Soil	120.32	ppm	103	< LOD	< LOD
					815	Mining	120.47	ppm	< LOD		< LOD
					816	Mining	121.66	ppm	< LOD		< LOD
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	< LOD	< LOD	< LOD
					818	Soil	120.11	ppm	< LOD	< LOD	< LOD
					819	Mining	121.56	ppm	< LOD		< LOD
					820	Mining	121.37	ppm	< LOD		< LOD
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	< LOD	< LOD	< LOD
					822	Soil	120.03	ppm	< LOD	< LOD	< LOD
					823	Mining	121.32	ppm	< LOD		< LOD
					824	Mining	120.09	ppm	< LOD		< LOD
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	< LOD	< LOD	< LOD
					826	Soil	120.05	ppm	< LOD	< LOD	< LOD
					827	Mining	120.93	ppm	< LOD		< LOD
					828	Mining	121	ppm	< LOD		< LOD
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	< LOD	< LOD	< LOD
					832	Soil	120.06	ppm	109	< LOD	< LOD
					833	Mining	120.78	ppm	< LOD		< LOD
					834	Mining	120	ppm	< LOD		< LOD
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	< LOD	< LOD	< LOD
					836	Soil	120.29	ppm	< LOD	< LOD	< LOD
					837	Mining	120.26	ppm	< LOD		< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ag	Pd	Mo
					838	Mining	121.64	ppm	< LOD		< LOD
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	< LOD	< LOD	< LOD
					840	Soil	120.11	ppm	< LOD	< LOD	< LOD
					841	Mining	121.23	ppm	< LOD		< LOD
					842	Mining	120.09	ppm	< LOD		< LOD
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Ag**	**Pd**	**Mo**
					665	Soil	120.08	ppm	252	30	5
					666	Mining	121.09	ppm	119		< LOD
					687	Soil	120.31	ppm	241	< LOD	< LOD
					688	Mining	120.75	ppm	133		< LOD
					714	Soil	120.26	ppm	276	< LOD	< LOD
					715	Mining	120.62	ppm	186		< LOD
					736	Soil	120.17	ppm	267	< LOD	< LOD
					737	Mining	121.35	ppm	166		< LOD
					756	Mining	120.24	ppm	231267		< LOD
					757	Mining	120.35	ppm	114070		< LOD
					762	Soil	119.49	ppm	235	< LOD	< LOD
					763	Mining	120.46	ppm	175		< LOD
					784	Soil	120.05	ppm	312	< LOD	< LOD
					785	Mining	120.24	ppm	208		< LOD
					806	Soil	120.01	ppm	276	< LOD	< LOD
					807	Mining	120.97	ppm	189		< LOD
					829	Soil	120.07	ppm	254	< LOD	6
					830	Mining	120.72	ppm	177		< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Zr	Sr	U
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	326	79	11
					646	Soil	120.35	ppm	331	82	10
					647	Mining	121.23	ppm	262	61	< LOD
					648	Mining	121.11	ppm	260	63	< LOD
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	356	83	13
					650	Soil	120.25	ppm	361	86	8
					651	Mining	120.74	ppm	283	63	< LOD
					652	Mining	121.06	ppm	289	64	< LOD
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	356	82	< LOD
					654	Soil	120.07	ppm	356	81	13
					655	Mining	121.27	ppm	287	61	< LOD
					656	Mining	120.9	ppm	290	62	< LOD
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	283	86	13
					658	Soil	120.4	ppm	287	88	13
					659	Mining	121.65	ppm	228	68	< LOD
					660	Mining	120.68	ppm	228	67	< LOD
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	229	58	< LOD
					662	Soil	120.3	ppm	229	60	< LOD
					663	Mining	120.11	ppm	184	45	< LOD
					664	Mining	121.65	ppm	192	43	< LOD
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	292	87	11
					668	Soil	120.06	ppm	294	87	11
					669	Mining	120.89	ppm	232	68	< LOD
					670	Mining	121.37	ppm	230	64	< LOD
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	329	61	9
					672	Soil	120.06	ppm	334	62	11
					673	Mining	120.69	ppm	264	45	< LOD
					674	Mining	120.25	ppm	265	45	< LOD
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	244	60	9
					676	Soil	120.12	ppm	251	61	9
					677	Mining	121.28	ppm	198	46	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Zr	Sr	U
					678	Mining	120.09	ppm	201	47	< LOD
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	266	146	< LOD
					680	Soil	120.16	ppm	260	142	12
					681	Mining	121.18	ppm	211	110	< LOD
					682	Mining	120.77	ppm	209	108	< LOD
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	231	171	10
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	230	167	14
					685	Mining	120.43	ppm	191	129	< LOD
					686	Mining	120.25	ppm	183	129	< LOD
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	267	72	< LOD
					692	Soil	120.12	ppm	273	74	< LOD
					693	Mining	120.2	ppm	216	58	< LOD
					694	Mining	121.26	ppm	218	56	< LOD
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	368	81	9
					696	Soil	120.05	ppm	362	83	< LOD
					697	Mining	121.76	ppm	293	62	< LOD
					698	Mining	121.63	ppm	293	63	< LOD
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	352	77	< LOD
					703	Soil	120.14	ppm	356	78	8
					704	Mining	120.07	ppm	280	58	< LOD
					705	Mining	121.46	ppm	276	56	< LOD
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	386	59	< LOD
					707	Soil	120.22	ppm	393	59	7
					708	Mining	120.22	ppm	313	45	< LOD
					709	Mining	121.03	ppm	310	44	< LOD
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	240	70	< LOD
					711	Soil	120.04	ppm	239	73	< LOD
					712	Mining	121.83	ppm	198	54	< LOD
					713	Mining	120.61	ppm	195	53	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Zr	Sr	U
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	193	186	< LOD
					717	Soil	120.13	ppm	198	188	< LOD
					718	Mining	121.63	ppm	156	142	< LOD
					719	Mining	121.19	ppm	159	143	< LOD
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	207	226	10
					721	Soil	120.11	ppm	209	227	< LOD
					722	Mining	121.47	ppm	169	174	< LOD
					723	Mining	120.88	ppm	166	172	< LOD
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	230	333	< LOD
					725	Soil	120	ppm	227	341	< LOD
					726	Mining	121.8	ppm	182	257	< LOD
					727	Mining	120.87	ppm	178	253	< LOD
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	291	60	< LOD
					729	Soil	120.32	ppm	298	58	< LOD
					730	Mining	120.21	ppm	235	43	< LOD
					731	Mining	120.6	ppm	233	43	< LOD
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	316	65	13
					733	Soil	120.22	ppm	311	65	10
					734	Mining	121.79	ppm	252	49	< LOD
					735	Mining	120.38	ppm	249	52	< LOD
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	270	61	9
					739	Soil	120.34	ppm	274	65	< LOD
					740	Mining	121.23	ppm	216	49	< LOD
					741	Mining	121.49	ppm	217	48	< LOD
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	321	60	< LOD
					745	Soil	120.35	ppm	319	60	< LOD
					746	Mining	121.4	ppm	259	45	< LOD
					747	Mining	120.75	ppm	261	45	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Zr	Sr	U
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	255	66	< LOD
					749	Soil	120.1	ppm	261	67	11
					750	Mining	120.83	ppm	205	49	< LOD
					751	Mining	121.7	ppm	207	48	< LOD
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	217	61	< LOD
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	216	63	11
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	175	48	< LOD
					755	Mining	120.75	ppm	170	46	< LOD
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	228	59	9
					759	Soil	120.23	ppm	232	60	9
					760	Mining	121.18	ppm	182	43	< LOD
					761	Mining	121.55	ppm	185	44	< LOD
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	206	88	< LOD
					765	Soil	120.13	ppm	205	90	11
					766	Mining	121.32	ppm	165	66	< LOD
					767	Mining	120.09	ppm	161	67	< LOD
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	296	76	13
					769	Soil	120.04	ppm	299	76	12
					770	Mining	120.72	ppm	243	58	< LOD
					771	Mining	121.48	ppm	240	57	< LOD
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	291	67	< LOD
					773	Soil	120.07	ppm	297	64	12
					774	Mining	120.1	ppm	234	49	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Zr	Sr	U
					775	Mining	121.64	ppm	235	49	< LOD
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	267	68	10
					777	Soil	120.21	ppm	269	69	9
					778	Mining	121	ppm	215	50	< LOD
					779	Mining	120.04	ppm	215	51	< LOD
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	284	71	11
					781	Soil	120.29	ppm	282	70	14
					782	Mining	121.69	ppm	225	53	< LOD
					783	Mining	120.96	ppm	227	55	< LOD
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	329	70	17
					787	Soil	120.24	ppm	333	70	10
					788	Mining	120.77	ppm	263	51	< LOD
					789	Mining	120.39	ppm	260	51	< LOD
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	318	59	< LOD
					791	Soil	120.24	ppm	320	56	< LOD
					792	Mining	121.59	ppm	253	43	< LOD
					793	Mining	120.92	ppm	253	40	< LOD
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	359	69	18
					795	Soil	120.12	ppm	364	70	10
					796	Mining	121.34	ppm	292	51	< LOD
					797	Mining	120.9	ppm	286	52	< LOD
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	270	68	< LOD
					799	Soil	120.04	ppm	268	68	< LOD
					800	Mining	120.03	ppm	216	53	< LOD
					801	Mining	120.01	ppm	218	50	< LOD
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	222	63	16
					803	Soil	120.02	ppm	226	63	10

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Zr	Sr	U
					804	Mining	120.79	ppm	179	48	< LOD
					805	Mining	120.18	ppm	180	48	< LOD
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	266	77	14
					810	Soil	120.05	ppm	265	78	10
					811	Mining	120.21	ppm	216	59	< LOD
					812	Mining	121.59	ppm	213	59	< LOD
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	280	63	15
					814	Soil	120.32	ppm	281	63	8
					815	Mining	120.47	ppm	226	46	< LOD
					816	Mining	121.66	ppm	228	47	< LOD
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	295	72	< LOD
					818	Soil	120.11	ppm	296	76	12
					819	Mining	121.56	ppm	237	58	< LOD
					820	Mining	121.37	ppm	232	58	< LOD
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	288	74	10
					822	Soil	120.03	ppm	287	73	11
					823	Mining	121.32	ppm	230	55	< LOD
					824	Mining	120.09	ppm	233	56	< LOD
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	298	76	16
					826	Soil	120.05	ppm	294	74	11
					827	Mining	120.93	ppm	243	57	< LOD
					828	Mining	121	ppm	235	56	< LOD
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	295	78	14
					832	Soil	120.06	ppm	299	80	14
					833	Mining	120.78	ppm	238	59	< LOD
					834	Mining	120	ppm	240	63	< LOD
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	301	76	< LOD
					836	Soil	120.29	ppm	300	75	< LOD
					837	Mining	120.26	ppm	242	56	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Zr	Sr	U
					838	Mining	121.64	ppm	240	57	< LOD
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	257	58	10
					840	Soil	120.11	ppm	254	57	< LOD
					841	Mining	121.23	ppm	209	43	< LOD
					842	Mining	120.09	ppm	210	42	< LOD
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Zr**	**Sr**	**U**
					665	Soil	120.08	ppm	32	11	16
					666	Mining	121.09	ppm	25	8	< LOD
					687	Soil	120.31	ppm	36	12	9
					688	Mining	120.75	ppm	30	8	< LOD
					714	Soil	120.26	ppm	34	10	14
					715	Mining	120.62	ppm	29	8	< LOD
					736	Soil	120.17	ppm	31	14	9
					737	Mining	121.35	ppm	25	9	< LOD
					756	Mining	120.24	ppm	115	< LOD	86
					757	Mining	120.35	ppm	24	< LOD	< LOD
					762	Soil	119.49	ppm	32	11	9
					763	Mining	120.46	ppm	22	9	< LOD
					784	Soil	120.05	ppm	27	12	< LOD
					785	Mining	120.24	ppm	22	8	< LOD
					806	Soil	120.01	ppm	29	13	10
					807	Mining	120.97	ppm	23	8	< LOD
					829	Soil	120.07	ppm	32	10	10
					830	Mining	120.72	ppm	26	7	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Rb	Th	Pb
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	114	20	37
					646	Soil	120.35	ppm	116	21	42
					647	Mining	121.23	ppm	58	15	31
					648	Mining	121.11	ppm	59	14	25
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	98	18	25
					650	Soil	120.25	ppm	97	19	27
					651	Mining	120.74	ppm	48	< LOD	< LOD
					652	Mining	121.06	ppm	48	18	16
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	109	21	14
					654	Soil	120.07	ppm	105	19	12
					655	Mining	121.27	ppm	55	< LOD	< LOD
					656	Mining	120.9	ppm	55	< LOD	< LOD
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	152	17	14
					658	Soil	120.4	ppm	155	19	16
					659	Mining	121.65	ppm	80	< LOD	< LOD
					660	Mining	120.68	ppm	79	< LOD	< LOD
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	111	19	13
					662	Soil	120.3	ppm	110	14	10
					663	Mining	120.11	ppm	58	< LOD	< LOD
					664	Mining	121.65	ppm	59	< LOD	< LOD
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	110	22	14
					668	Soil	120.06	ppm	111	24	14
					669	Mining	120.89	ppm	58	16	< LOD
					670	Mining	121.37	ppm	57	17	< LOD
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	99	21	16
					672	Soil	120.06	ppm	99	20	12
					673	Mining	120.69	ppm	50	< LOD	< LOD
					674	Mining	120.25	ppm	51	18	< LOD
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	97	18	20
					676	Soil	120.12	ppm	102	17	23
					677	Mining	121.28	ppm	51	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Rb	Th	Pb
					678	Mining	120.09	ppm	51	18	< LOD
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	92	22	135
					680	Soil	120.16	ppm	96	22	131
					681	Mining	121.18	ppm	48	18	132
					682	Mining	120.77	ppm	47	18	130
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	94	19	78
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	94	21	78
					685	Mining	120.43	ppm	50	< LOD	61
					686	Mining	120.25	ppm	49	20	62
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	89	16	22
					692	Soil	120.12	ppm	92	15	27
					693	Mining	120.2	ppm	45	< LOD	< LOD
					694	Mining	121.26	ppm	46	< LOD	< LOD
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	89	23	31
					696	Soil	120.05	ppm	91	19	29
					697	Mining	121.76	ppm	45	< LOD	18
					698	Mining	121.63	ppm	45	13	19
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	83	19	28
					703	Soil	120.14	ppm	87	18	28
					704	Mining	120.07	ppm	41	< LOD	23
					705	Mining	121.46	ppm	42	15	14
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	64	18	15
					707	Soil	120.22	ppm	68	17	21
					708	Mining	120.22	ppm	33	15	< LOD
					709	Mining	121.03	ppm	33	< LOD	< LOD
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	96	14	25
					711	Soil	120.04	ppm	94	18	29
					712	Mining	121.83	ppm	48	< LOD	14
					713	Mining	120.61	ppm	49	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Rb	Th	Pb
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	87	14	13
					717	Soil	120.13	ppm	84	18	17
					718	Mining	121.63	ppm	41	< LOD	< LOD
					719	Mining	121.19	ppm	46	< LOD	< LOD
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	89	16	14
					721	Soil	120.11	ppm	88	16	14
					722	Mining	121.47	ppm	42	< LOD	< LOD
					723	Mining	120.88	ppm	43	< LOD	< LOD
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	95	17	9
					725	Soil	120	ppm	93	19	< LOD
					726	Mining	121.8	ppm	47	< LOD	< LOD
					727	Mining	120.87	ppm	48	16	< LOD
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	242	20	32
					729	Soil	120.32	ppm	240	20	30
					730	Mining	120.21	ppm	120	< LOD	15
					731	Mining	120.6	ppm	122	15	18
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	187	18	27
					733	Soil	120.22	ppm	185	20	20
					734	Mining	121.79	ppm	96	< LOD	< LOD
					735	Mining	120.38	ppm	94	17	< LOD
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	147	19	9
					739	Soil	120.34	ppm	149	19	11
					740	Mining	121.23	ppm	75	< LOD	< LOD
					741	Mining	121.49	ppm	77	< LOD	< LOD
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	152	15	< LOD
					745	Soil	120.35	ppm	152	21	< LOD
					746	Mining	121.4	ppm	77	13	< LOD
					747	Mining	120.75	ppm	78	13	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Rb	Th	Pb
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	192	33	39
					749	Soil	120.1	ppm	193	33	41
					750	Mining	120.83	ppm	99	15	30
					751	Mining	121.7	ppm	99	19	28
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	190	20	17
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	191	17	17
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	95	13	< LOD
					755	Mining	120.75	ppm	98	18	< LOD
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	161	19	12
					759	Soil	120.23	ppm	166	22	< LOD
					760	Mining	121.18	ppm	83	< LOD	< LOD
					761	Mining	121.55	ppm	84	13	< LOD
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	187	27	34
					765	Soil	120.13	ppm	187	20	32
					766	Mining	121.32	ppm	95	15	16
					767	Mining	120.09	ppm	96	25	< LOD
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	168	24	30
					769	Soil	120.04	ppm	171	22	34
					770	Mining	120.72	ppm	85	19	23
					771	Mining	121.48	ppm	87	21	17
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	156	25	9
					773	Soil	120.07	ppm	155	22	13
					774	Mining	120.1	ppm	80	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Rb	Th	Pb
					775	Mining	121.64	ppm	81	19	< LOD
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	153	19	13
					777	Soil	120.21	ppm	154	20	10
					778	Mining	121	ppm	77	< LOD	< LOD
					779	Mining	120.04	ppm	76	< LOD	< LOD
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	165	19	30
					781	Soil	120.29	ppm	165	19	33
					782	Mining	121.69	ppm	83	< LOD	19
					783	Mining	120.96	ppm	83	< LOD	19
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	175	22	11
					787	Soil	120.24	ppm	178	20	14
					788	Mining	120.77	ppm	93	16	< LOD
					789	Mining	120.39	ppm	92	14	< LOD
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	139	24	8
					791	Soil	120.24	ppm	141	25	< LOD
					792	Mining	121.59	ppm	72	16	< LOD
					793	Mining	120.92	ppm	73	16	< LOD
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	163	21	23
					795	Soil	120.12	ppm	162	21	22
					796	Mining	121.34	ppm	84	22	< LOD
					797	Mining	120.9	ppm	81	< LOD	< LOD
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	169	20	< LOD
					799	Soil	120.04	ppm	167	18	8
					800	Mining	120.03	ppm	86	13	< LOD
					801	Mining	120.01	ppm	88	< LOD	< LOD
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	180	20	< LOD
					803	Soil	120.02	ppm	185	16	9

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Rb	Th	Pb
					804	Mining	120.79	ppm	94	< LOD	< LOD
					805	Mining	120.18	ppm	97	14	< LOD
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	174	22	11
					810	Soil	120.05	ppm	178	23	9
					811	Mining	120.21	ppm	91	28	< LOD
					812	Mining	121.59	ppm	91	17	< LOD
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	135	20	< LOD
					814	Soil	120.32	ppm	137	19	10
					815	Mining	120.47	ppm	72	< LOD	< LOD
					816	Mining	121.66	ppm	72	18	< LOD
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	167	21	14
					818	Soil	120.11	ppm	174	16	16
					819	Mining	121.56	ppm	87	13	< LOD
					820	Mining	121.37	ppm	87	14	< LOD
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	157	20	8
					822	Soil	120.03	ppm	157	23	< LOD
					823	Mining	121.32	ppm	79	16	< LOD
					824	Mining	120.09	ppm	81	17	< LOD
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	162	24	10
					826	Soil	120.05	ppm	160	25	7
					827	Mining	120.93	ppm	83	< LOD	< LOD
					828	Mining	121	ppm	83	14	< LOD
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	187	21	17
					832	Soil	120.06	ppm	187	21	24
					833	Mining	120.78	ppm	98	18	< LOD
					834	Mining	120	ppm	96	< LOD	< LOD
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	145	20	18
					836	Soil	120.29	ppm	143	20	18
					837	Mining	120.26	ppm	72	15	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Rb	Th	Pb
					838	Mining	121.64	ppm	72	14	< LOD
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	131	14	< LOD
					840	Soil	120.11	ppm	131	18	< LOD
					841	Mining	121.23	ppm	69	17	< LOD
					842	Mining	120.09	ppm	67	14	< LOD
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Rb**	**Th**	**Pb**
					665	Soil	120.08	ppm	8	12	69
					666	Mining	121.09	ppm	3	< LOD	38
					687	Soil	120.31	ppm	10	17	59
					688	Mining	120.75	ppm	4	< LOD	45
					714	Soil	120.26	ppm	8	13	63
					715	Mining	120.62	ppm	< LOD	< LOD	53
					736	Soil	120.17	ppm	10	12	59
					737	Mining	121.35	ppm	< LOD	< LOD	44
					756	Mining	120.24	ppm	< LOD	< LOD	3170
					757	Mining	120.35	ppm	< LOD	< LOD	376
					762	Soil	119.49	ppm	8	14	55
					763	Mining	120.46	ppm	4	< LOD	45
					784	Soil	120.05	ppm	9	19	55
					785	Mining	120.24	ppm	4	< LOD	40
					806	Soil	120.01	ppm	9	13	48
					807	Mining	120.97	ppm	3	< LOD	43
					829	Soil	120.07	ppm	8	13	54
					830	Mining	120.72	ppm	4	< LOD	44

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Se	As	Hg
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	< LOD	14	< LOD
					646	Soil	120.35	ppm	< LOD	12	< LOD
					647	Mining	121.23	ppm	< LOD	< LOD	
					648	Mining	121.11	ppm	< LOD	< LOD	
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	< LOD	17	< LOD
					650	Soil	120.25	ppm	< LOD	15	< LOD
					651	Mining	120.74	ppm	< LOD	9	
					652	Mining	121.06	ppm	< LOD	< LOD	
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	< LOD	18	< LOD
					654	Soil	120.07	ppm	< LOD	21	< LOD
					655	Mining	121.27	ppm	< LOD	11	
					656	Mining	120.9	ppm	< LOD	12	
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	< LOD	20	< LOD
					658	Soil	120.4	ppm	< LOD	19	10
					659	Mining	121.65	ppm	< LOD	10	
					660	Mining	120.68	ppm	< LOD	14	
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	< LOD	39	10
					662	Soil	120.3	ppm	< LOD	38	10
					663	Mining	120.11	ppm	< LOD	23	
					664	Mining	121.65	ppm	< LOD	27	
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	< LOD	17	< LOD
					668	Soil	120.06	ppm	< LOD	14	< LOD
					669	Mining	120.89	ppm	< LOD	8	
					670	Mining	121.37	ppm	< LOD	8	
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	< LOD	17	< LOD
					672	Soil	120.06	ppm	< LOD	16	8
					673	Mining	120.69	ppm	< LOD	10	
					674	Mining	120.25	ppm	< LOD	11	
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	< LOD	16	< LOD
					676	Soil	120.12	ppm	4	15	11
					677	Mining	121.28	ppm	< LOD	9	

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Se	As	Hg
					678	Mining	120.09	ppm	< LOD	11	
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	< LOD	24	< LOD
					680	Soil	120.16	ppm	< LOD	28	< LOD
					681	Mining	121.18	ppm	< LOD	15	
					682	Mining	120.77	ppm	< LOD	< LOD	
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	< LOD	17	< LOD
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	< LOD	17	< LOD
					685	Mining	120.43	ppm	< LOD	< LOD	
					686	Mining	120.25	ppm	< LOD	14	
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	< LOD	17	< LOD
					692	Soil	120.12	ppm	< LOD	12	< LOD
					693	Mining	120.2	ppm	< LOD	< LOD	
					694	Mining	121.26	ppm	< LOD	9	
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	< LOD	17	< LOD
					696	Soil	120.05	ppm	< LOD	18	< LOD
					697	Mining	121.76	ppm	< LOD	< LOD	
					698	Mining	121.63	ppm	< LOD	8	
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	< LOD	18	< LOD
					703	Soil	120.14	ppm	< LOD	18	< LOD
					704	Mining	120.07	ppm	< LOD	< LOD	
					705	Mining	121.46	ppm	< LOD	< LOD	
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	< LOD	17	< LOD
					707	Soil	120.22	ppm	< LOD	14	10
					708	Mining	120.22	ppm	< LOD	10	
					709	Mining	121.03	ppm	< LOD	< LOD	
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	< LOD	17	< LOD
					711	Soil	120.04	ppm	< LOD	15	< LOD
					712	Mining	121.83	ppm	< LOD	< LOD	
					713	Mining	120.61	ppm	< LOD	9	

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Se	As	Hg
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	< LOD	15	10
					717	Soil	120.13	ppm	< LOD	14	< LOD
					718	Mining	121.63	ppm	< LOD	< LOD	
					719	Mining	121.19	ppm	< LOD	9	
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	< LOD	19	< LOD
					721	Soil	120.11	ppm	< LOD	21	9
					722	Mining	121.47	ppm	< LOD	11	
					723	Mining	120.88	ppm	< LOD	11	
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	< LOD	28	< LOD
					725	Soil	120	ppm	< LOD	30	< LOD
					726	Mining	121.8	ppm	< LOD	14	
					727	Mining	120.87	ppm	< LOD	12	
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	< LOD	63	< LOD
					729	Soil	120.32	ppm	< LOD	66	< LOD
					730	Mining	120.21	ppm	< LOD	51	
					731	Mining	120.6	ppm	< LOD	47	
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	< LOD	69	8
					733	Soil	120.22	ppm	< LOD	72	< LOD
					734	Mining	121.79	ppm	< LOD	48	
					735	Mining	120.38	ppm	< LOD	50	
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	< LOD	21	8
					739	Soil	120.34	ppm	< LOD	24	< LOD
					740	Mining	121.23	ppm	< LOD	15	
					741	Mining	121.49	ppm	< LOD	17	
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	< LOD	19	8
					745	Soil	120.35	ppm	< LOD	21	< LOD
					746	Mining	121.4	ppm	< LOD	11	
					747	Mining	120.75	ppm	< LOD	12	

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Se	As	Hg
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	< LOD	19	< LOD
					749	Soil	120.1	ppm	< LOD	18	< LOD
					750	Mining	120.83	ppm	< LOD	< LOD	
					751	Mining	121.7	ppm	< LOD	9	
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	< LOD	12	< LOD
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	< LOD	13	< LOD
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	< LOD	< LOD	
					755	Mining	120.75	ppm	< LOD	8	
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	< LOD	17	< LOD
					759	Soil	120.23	ppm	< LOD	20	8
					760	Mining	121.18	ppm	< LOD	10	
					761	Mining	121.55	ppm	< LOD	< LOD	
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	< LOD	17	< LOD
					765	Soil	120.13	ppm	< LOD	20	< LOD
					766	Mining	121.32	ppm	< LOD	12	
					767	Mining	120.09	ppm	< LOD	15	
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	< LOD	17	< LOD
					769	Soil	120.04	ppm	< LOD	16	< LOD
					770	Mining	120.72	ppm	< LOD	9	
					771	Mining	121.48	ppm	< LOD	10	
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	< LOD	18	9
					773	Soil	120.07	ppm	< LOD	16	< LOD
					774	Mining	120.1	ppm	< LOD	9	

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Se	As	Hg
					775	Mining	121.64	ppm	< LOD	< LOD	
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	< LOD	16	< LOD
					777	Soil	120.21	ppm	< LOD	19	< LOD
					778	Mining	121	ppm	< LOD	7	
					779	Mining	120.04	ppm	< LOD	8	
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	< LOD	25	< LOD
					781	Soil	120.29	ppm	< LOD	24	< LOD
					782	Mining	121.69	ppm	< LOD	13	
					783	Mining	120.96	ppm	< LOD	13	
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	< LOD	29	< LOD
					787	Soil	120.24	ppm	< LOD	26	< LOD
					788	Mining	120.77	ppm	< LOD	19	
					789	Mining	120.39	ppm	< LOD	19	
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	< LOD	20	< LOD
					791	Soil	120.24	ppm	< LOD	22	8
					792	Mining	121.59	ppm	< LOD	13	
					793	Mining	120.92	ppm	< LOD	9	
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	< LOD	22	< LOD
					795	Soil	120.12	ppm	< LOD	21	< LOD
					796	Mining	121.34	ppm	< LOD	14	
					797	Mining	120.9	ppm	< LOD	15	
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	< LOD	14	< LOD
					799	Soil	120.04	ppm	< LOD	12	8
					800	Mining	120.03	ppm	< LOD	< LOD	
					801	Mining	120.01	ppm	< LOD	8	
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	< LOD	22	< LOD
					803	Soil	120.02	ppm	< LOD	22	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Se	As	Hg
					804	Mining	120.79	ppm	< LOD	12	
					805	Mining	120.18	ppm	< LOD	17	
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	< LOD	8	8
					810	Soil	120.05	ppm	< LOD	12	< LOD
					811	Mining	120.21	ppm	< LOD	< LOD	
					812	Mining	121.59	ppm	< LOD	< LOD	
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	< LOD	16	< LOD
					814	Soil	120.32	ppm	< LOD	9	< LOD
					815	Mining	120.47	ppm	< LOD	8	
					816	Mining	121.66	ppm	< LOD	9	
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	< LOD	19	< LOD
					818	Soil	120.11	ppm	< LOD	19	< LOD
					819	Mining	121.56	ppm	< LOD	13	
					820	Mining	121.37	ppm	< LOD	8	
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	< LOD	14	< LOD
					822	Soil	120.03	ppm	< LOD	18	< LOD
					823	Mining	121.32	ppm	< LOD	9	
					824	Mining	120.09	ppm	< LOD	14	
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	< LOD	19	< LOD
					826	Soil	120.05	ppm	< LOD	23	9
					827	Mining	120.93	ppm	< LOD	11	
					828	Mining	121	ppm	< LOD	9	
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	< LOD	19	< LOD
					832	Soil	120.06	ppm	< LOD	16	< LOD
					833	Mining	120.78	ppm	< LOD	9	
					834	Mining	120	ppm	< LOD	10	
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	< LOD	43	< LOD
					836	Soil	120.29	ppm	< LOD	39	< LOD
					837	Mining	120.26	ppm	< LOD	32	

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Se	As	Hg
					838	Mining	121.64	ppm	< LOD	29	
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	< LOD	31	9
					840	Soil	120.11	ppm	< LOD	37	< LOD
					841	Mining	121.23	ppm	< LOD	26	
					842	Mining	120.09	ppm	< LOD	24	
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Se**	**As**	**Hg**
					665	Soil	120.08	ppm	16	1187	< LOD
					666	Mining	121.09	ppm	< LOD	930	
					687	Soil	120.31	ppm	14	1177	< LOD
					688	Mining	120.75	ppm	< LOD	919	
					714	Soil	120.26	ppm	10	1096	< LOD
					715	Mining	120.62	ppm	< LOD	890	
					736	Soil	120.17	ppm	18	1127	< LOD
					737	Mining	121.35	ppm	< LOD	906	
					756	Mining	120.24	ppm	< LOD	354	
					757	Mining	120.35	ppm	< LOD	70	
					762	Soil	119.49	ppm	14	1167	< LOD
					763	Mining	120.46	ppm	< LOD	916	
					784	Soil	120.05	ppm	18	1145	< LOD
					785	Mining	120.24	ppm	< LOD	903	
					806	Soil	120.01	ppm	16	1151	< LOD
					807	Mining	120.97	ppm	< LOD	897	
					829	Soil	120.07	ppm	14	1155	< LOD
					830	Mining	120.72	ppm	< LOD	930	

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Au	Au Error	Zn
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	< LOD	7.13	83
					646	Soil	120.35	ppm	< LOD	7.09	90
					647	Mining	121.23	ppm	< LOD	15.36	79
					648	Mining	121.11	ppm	< LOD	14.73	83
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	< LOD	7.27	99
					650	Soil	120.25	ppm	< LOD	7.2	87
					651	Mining	120.74	ppm	< LOD	15.29	83
					652	Mining	121.06	ppm	< LOD	15	91
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	< LOD	7.27	76
					654	Soil	120.07	ppm	< LOD	6.92	70
					655	Mining	121.27	ppm	< LOD	15	56
					656	Mining	120.9	ppm	< LOD	14.91	60
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	< LOD	7.42	68
					658	Soil	120.4	ppm	< LOD	7.31	75
					659	Mining	121.65	ppm	< LOD	15.76	70
					660	Mining	120.68	ppm	< LOD	17.87	63
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	< LOD	7.03	74
					662	Soil	120.3	ppm	< LOD	6.96	77
					663	Mining	120.11	ppm	< LOD	14.65	65
					664	Mining	121.65	ppm	< LOD	14.74	64
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	< LOD	6.99	91
					668	Soil	120.06	ppm	< LOD	6.79	87
					669	Mining	120.89	ppm	< LOD	15.07	82
					670	Mining	121.37	ppm	< LOD	15.39	79
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	< LOD	6.88	84
					672	Soil	120.06	ppm	< LOD	7.2	81
					673	Mining	120.69	ppm	< LOD	15.17	76
					674	Mining	120.25	ppm	< LOD	15.77	76
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	< LOD	7.01	84
					676	Soil	120.12	ppm	< LOD	7.38	91
					677	Mining	121.28	ppm	< LOD	15	78

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Au	Au Error	Zn
					678	Mining	120.09	ppm	< LOD	15.53	75
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	< LOD	7.63	157
					680	Soil	120.16	ppm	< LOD	7.59	150
					681	Mining	121.18	ppm	< LOD	18.32	138
					682	Mining	120.77	ppm	< LOD	16.2	146
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	10.14	5.47	106
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	< LOD	8.08	114
					685	Mining	120.43	ppm	< LOD	16.95	98
					686	Mining	120.25	ppm	< LOD	16.42	95
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	< LOD	7.1	89
					692	Soil	120.12	ppm	< LOD	7.41	90
					693	Mining	120.2	ppm	< LOD	15.2	62
					694	Mining	121.26	ppm	< LOD	15.19	81
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	< LOD	7.49	76
					696	Soil	120.05	ppm	< LOD	7.26	87
					697	Mining	121.76	ppm	< LOD	15.07	72
					698	Mining	121.63	ppm	< LOD	15.09	77
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	< LOD	7.23	90
					703	Soil	120.14	ppm	9.19	5.02	91
					704	Mining	120.07	ppm	< LOD	16.35	74
					705	Mining	121.46	ppm	< LOD	14.49	77
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	< LOD	7.24	63
					707	Soil	120.22	ppm	< LOD	7.32	63
					708	Mining	120.22	ppm	< LOD	15.71	56
					709	Mining	121.03	ppm	< LOD	14.57	60
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	< LOD	7.03	83
					711	Soil	120.04	ppm	< LOD	7.01	75
					712	Mining	121.83	ppm	< LOD	15.4	65
					713	Mining	120.61	ppm	< LOD	15.35	66

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Au	Au Error	Zn
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	< LOD	7.23	105
					717	Soil	120.13	ppm	< LOD	7.29	104
					718	Mining	121.63	ppm	< LOD	15.5	87
					719	Mining	121.19	ppm	< LOD	15.33	107
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	< LOD	7.71	106
					721	Soil	120.11	ppm	< LOD	7.29	107
					722	Mining	121.47	ppm	< LOD	16.43	106
					723	Mining	120.88	ppm	< LOD	15.7	97
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	< LOD	8	87
					725	Soil	120	ppm	< LOD	8.12	100
					726	Mining	121.8	ppm	< LOD	16.77	95
					727	Mining	120.87	ppm	< LOD	16.5	80
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	< LOD	7.15	117
					729	Soil	120.32	ppm	< LOD	7.62	115
					730	Mining	120.21	ppm	< LOD	15.98	109
					731	Mining	120.6	ppm	< LOD	17.76	100
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	< LOD	7.54	111
					733	Soil	120.22	ppm	< LOD	7.52	112
					734	Mining	121.79	ppm	< LOD	16.01	112
					735	Mining	120.38	ppm	< LOD	15.69	120
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	< LOD	6.96	74
					739	Soil	120.34	ppm	< LOD	6.72	72
					740	Mining	121.23	ppm	< LOD	14.19	65
					741	Mining	121.49	ppm	< LOD	14.28	60
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	< LOD	6.72	80
					745	Soil	120.35	ppm	< LOD	6.98	91
					746	Mining	121.4	ppm	< LOD	14.82	70
					747	Mining	120.75	ppm	< LOD	14.26	66

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Au	Au Error	Zn
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	< LOD	7.36	77
					749	Soil	120.1	ppm	< LOD	7.19	75
					750	Mining	120.83	ppm	< LOD	15.23	74
					751	Mining	121.7	ppm	< LOD	15.64	66
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	< LOD	6.84	83
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	< LOD	6.92	75
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	< LOD	14.46	65
					755	Mining	120.75	ppm	< LOD	14.29	56
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	< LOD	6.94	60
					759	Soil	120.23	ppm	< LOD	6.95	62
					760	Mining	121.18	ppm	< LOD	14.57	47
					761	Mining	121.55	ppm	< LOD	14.63	52
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	< LOD	6.66	73
					765	Soil	120.13	ppm	< LOD	6.72	71
					766	Mining	121.32	ppm	< LOD	14.47	65
					767	Mining	120.09	ppm	< LOD	14.79	64
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	< LOD	6.77	79
					769	Soil	120.04	ppm	< LOD	6.96	82
					770	Mining	120.72	ppm	< LOD	14.07	70
					771	Mining	121.48	ppm	< LOD	14.59	76
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	< LOD	7.11	75
					773	Soil	120.07	ppm	< LOD	7.02	78
					774	Mining	120.1	ppm	< LOD	14.6	66

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Au	Au Error	Zn
					775	Mining	121.64	ppm	< LOD	15.57	65
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	< LOD	6.84	137
					777	Soil	120.21	ppm	< LOD	6.98	137
					778	Mining	121	ppm	< LOD	14.76	139
					779	Mining	120.04	ppm	< LOD	14.53	141
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	< LOD	6.94	98
					781	Soil	120.29	ppm	< LOD	7.1	101
					782	Mining	121.69	ppm	< LOD	14.09	93
					783	Mining	120.96	ppm	< LOD	14.43	106
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	< LOD	7.08	88
					787	Soil	120.24	ppm	10	4.94	82
					788	Mining	120.77	ppm	< LOD	14.72	80
					789	Mining	120.39	ppm	< LOD	14.48	67
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	< LOD	6.88	80
					791	Soil	120.24	ppm	< LOD	6.94	88
					792	Mining	121.59	ppm	< LOD	15.04	77
					793	Mining	120.92	ppm	< LOD	14.68	76
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	< LOD	7.3	87
					795	Soil	120.12	ppm	< LOD	7.39	85
					796	Mining	121.34	ppm	< LOD	15.84	85
					797	Mining	120.9	ppm	< LOD	15.7	79
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	< LOD	7.03	50
					799	Soil	120.04	ppm	< LOD	6.92	59
					800	Mining	120.03	ppm	< LOD	14.74	54
					801	Mining	120.01	ppm	< LOD	14.52	50
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	< LOD	6.82	51
					803	Soil	120.02	ppm	< LOD	6.82	48

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Au	Au Error	Zn
					804	Mining	120.79	ppm	< LOD	14.58	37
					805	Mining	120.18	ppm	< LOD	14.48	49
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	< LOD	6.72	55
					810	Soil	120.05	ppm	< LOD	6.81	61
					811	Mining	120.21	ppm	< LOD	14.82	56
					812	Mining	121.59	ppm	< LOD	14.73	54
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	< LOD	7.04	70
					814	Soil	120.32	ppm	< LOD	7.07	82
					815	Mining	120.47	ppm	< LOD	15.47	75
					816	Mining	121.66	ppm	< LOD	15.67	75
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	< LOD	6.92	90
					818	Soil	120.11	ppm	< LOD	7.26	88
					819	Mining	121.56	ppm	< LOD	14.59	76
					820	Mining	121.37	ppm	< LOD	14.75	76
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	< LOD	6.71	85
					822	Soil	120.03	ppm	< LOD	6.91	92
					823	Mining	121.32	ppm	< LOD	15.09	83
					824	Mining	120.09	ppm	< LOD	14.39	74
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	< LOD	6.61	68
					826	Soil	120.05	ppm	< LOD	6.79	73
					827	Mining	120.93	ppm	< LOD	14.48	63
					828	Mining	121	ppm	< LOD	14.79	62
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	< LOD	7.07	81
					832	Soil	120.06	ppm	< LOD	7.18	90
					833	Mining	120.78	ppm	< LOD	15.47	77
					834	Mining	120	ppm	< LOD	14.58	81
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	< LOD	6.96	96
					836	Soil	120.29	ppm	< LOD	7.19	85
					837	Mining	120.26	ppm	< LOD	15.61	91

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Au	Au Error	Zn
					838	Mining	121.64	ppm	< LOD	15.36	83
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	< LOD	7.07	103
					840	Soil	120.11	ppm	< LOD	7.1	100
					841	Mining	121.23	ppm	< LOD	14.4	105
					842	Mining	120.09	ppm	< LOD	15.33	90
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Au**	**Au Error**	**Zn**
					665	Soil	120.08	ppm	21.67	9.74	198
					666	Mining	121.09	ppm	< LOD	31.29	170
					687	Soil	120.31	ppm	22.35	9.75	205
					688	Mining	120.75	ppm	< LOD	29.82	171
					714	Soil	120.26	ppm	24.26	9.83	190
					715	Mining	120.62	ppm	< LOD	31.91	155
					736	Soil	120.17	ppm	26.74	10.03	201
					737	Mining	121.35	ppm	< LOD	32.2	192
					756	Mining	120.24	ppm	513.18	113.27	120
					757	Mining	120.35	ppm	421.28	76.75	79
					762	Soil	119.49	ppm	25.94	9.8	197
					763	Mining	120.46	ppm	< LOD	31.62	169
					784	Soil	120.05	ppm	41.78	10.48	182
					785	Mining	120.24	ppm	59.85	18.33	176
					806	Soil	120.01	ppm	18.33	9.66	190
					807	Mining	120.97	ppm	< LOD	32.52	172
					829	Soil	120.07	ppm	17.6	9.54	200
					830	Mining	120.72	ppm	< LOD	31.37	184

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	W	Cu	Ni
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	< LOD	47	72
					646	Soil	120.35	ppm	< LOD	31	99
					647	Mining	121.23	ppm	< LOD	31	< LOD
					648	Mining	121.11	ppm	< LOD	< LOD	< LOD
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	< LOD	31	92
					650	Soil	120.25	ppm	< LOD	27	118
					651	Mining	120.74	ppm	< LOD	28	< LOD
					652	Mining	121.06	ppm	< LOD	< LOD	< LOD
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	< LOD	43	106
					654	Soil	120.07	ppm	< LOD	42	107
					655	Mining	121.27	ppm	< LOD	44	< LOD
					656	Mining	120.9	ppm	< LOD	32	< LOD
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	< LOD	40	111
					658	Soil	120.4	ppm	< LOD	41	136
					659	Mining	121.65	ppm	< LOD	41	< LOD
					660	Mining	120.68	ppm	< LOD	< LOD	< LOD
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	< LOD	38	94
					662	Soil	120.3	ppm	< LOD	45	100
					663	Mining	120.11	ppm	< LOD	35	< LOD
					664	Mining	121.65	ppm	< LOD	34	< LOD
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	< LOD	44	92
					668	Soil	120.06	ppm	< LOD	42	89
					669	Mining	120.89	ppm	< LOD	34	< LOD
					670	Mining	121.37	ppm	< LOD	< LOD	< LOD
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	< LOD	42	88
					672	Soil	120.06	ppm	< LOD	39	92
					673	Mining	120.69	ppm	< LOD	< LOD	< LOD
					674	Mining	120.25	ppm	< LOD	29	< LOD
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	< LOD	29	96
					676	Soil	120.12	ppm	< LOD	43	105
					677	Mining	121.28	ppm	< LOD	31	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	W	Cu	Ni
					678	Mining	120.09	ppm	< LOD	< LOD	< LOD
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	< LOD	46	89
					680	Soil	120.16	ppm	< LOD	42	99
					681	Mining	121.18	ppm	< LOD	33	< LOD
					682	Mining	120.77	ppm	< LOD	42	< LOD
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	41	52	115
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	35	55	121
					685	Mining	120.43	ppm	< LOD	37	< LOD
					686	Mining	120.25	ppm	95	51	< LOD
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	< LOD	48	108
					692	Soil	120.12	ppm	< LOD	45	83
					693	Mining	120.2	ppm	< LOD	37	< LOD
					694	Mining	121.26	ppm	< LOD	43	< LOD
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	< LOD	39	94
					696	Soil	120.05	ppm	< LOD	37	86
					697	Mining	121.76	ppm	< LOD	32	< LOD
					698	Mining	121.63	ppm	< LOD	38	< LOD
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	< LOD	40	78
					703	Soil	120.14	ppm	< LOD	46	83
					704	Mining	120.07	ppm	< LOD	33	< LOD
					705	Mining	121.46	ppm	< LOD	44	< LOD
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	< LOD	53	98
					707	Soil	120.22	ppm	< LOD	24	117
					708	Mining	120.22	ppm	< LOD	42	< LOD
					709	Mining	121.03	ppm	< LOD	41	< LOD
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	< LOD	41	95
					711	Soil	120.04	ppm	< LOD	44	99
					712	Mining	121.83	ppm	< LOD	36	< LOD
					713	Mining	120.61	ppm	< LOD	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	W	Cu	Ni
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	< LOD	54	80
					717	Soil	120.13	ppm	< LOD	62	84
					718	Mining	121.63	ppm	< LOD	50	< LOD
					719	Mining	121.19	ppm	< LOD	35	< LOD
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	< LOD	77	106
					721	Soil	120.11	ppm	< LOD	62	94
					722	Mining	121.47	ppm	< LOD	69	< LOD
					723	Mining	120.88	ppm	< LOD	49	< LOD
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	< LOD	103	100
					725	Soil	120	ppm	< LOD	103	73
					726	Mining	121.8	ppm	< LOD	83	< LOD
					727	Mining	120.87	ppm	< LOD	85	< LOD
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	< LOD	33	86
					729	Soil	120.32	ppm	< LOD	33	84
					730	Mining	120.21	ppm	< LOD	< LOD	< LOD
					731	Mining	120.6	ppm	< LOD	< LOD	< LOD
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	< LOD	36	86
					733	Soil	120.22	ppm	< LOD	36	94
					734	Mining	121.79	ppm	< LOD	< LOD	< LOD
					735	Mining	120.38	ppm	< LOD	< LOD	< LOD
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	< LOD	30	65
					739	Soil	120.34	ppm	< LOD	19	53
					740	Mining	121.23	ppm	< LOD	< LOD	< LOD
					741	Mining	121.49	ppm	< LOD	< LOD	< LOD
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	< LOD	18	80
					745	Soil	120.35	ppm	< LOD	27	75
					746	Mining	121.4	ppm	< LOD	< LOD	< LOD
					747	Mining	120.75	ppm	< LOD	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	W	Cu	Ni
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	< LOD	30	107
					749	Soil	120.1	ppm	< LOD	36	86
					750	Mining	120.83	ppm	< LOD	< LOD	< LOD
					751	Mining	121.7	ppm	< LOD	< LOD	< LOD
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	< LOD	35	87
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	< LOD	36	81
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	< LOD	< LOD	< LOD
					755	Mining	120.75	ppm	< LOD	< LOD	< LOD
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	< LOD	28	55
					759	Soil	120.23	ppm	< LOD	22	72
					760	Mining	121.18	ppm	< LOD	< LOD	< LOD
					761	Mining	121.55	ppm	< LOD	< LOD	< LOD
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	< LOD	28	64
					765	Soil	120.13	ppm	< LOD	41	66
					766	Mining	121.32	ppm	< LOD	< LOD	< LOD
					767	Mining	120.09	ppm	< LOD	28	< LOD
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	< LOD	28	79
					769	Soil	120.04	ppm	< LOD	36	89
					770	Mining	120.72	ppm	< LOD	< LOD	< LOD
					771	Mining	121.48	ppm	< LOD	< LOD	< LOD
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	< LOD	29	68
					773	Soil	120.07	ppm	< LOD	20	77
					774	Mining	120.1	ppm	< LOD	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	W	Cu	Ni
					775	Mining	121.64	ppm	< LOD	< LOD	< LOD
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	< LOD	39	59
					777	Soil	120.21	ppm	< LOD	30	69
					778	Mining	121	ppm	< LOD	< LOD	< LOD
					779	Mining	120.04	ppm	< LOD	< LOD	< LOD
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	< LOD	22	64
					781	Soil	120.29	ppm	< LOD	22	60
					782	Mining	121.69	ppm	< LOD	< LOD	< LOD
					783	Mining	120.96	ppm	< LOD	< LOD	< LOD
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	< LOD	32	69
					787	Soil	120.24	ppm	< LOD	21	91
					788	Mining	120.77	ppm	< LOD	< LOD	< LOD
					789	Mining	120.39	ppm	< LOD	< LOD	< LOD
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	< LOD	24	71
					791	Soil	120.24	ppm	< LOD	17	73
					792	Mining	121.59	ppm	< LOD	< LOD	< LOD
					793	Mining	120.92	ppm	< LOD	< LOD	< LOD
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	< LOD	31	68
					795	Soil	120.12	ppm	< LOD	18	69
					796	Mining	121.34	ppm	< LOD	< LOD	< LOD
					797	Mining	120.9	ppm	< LOD	< LOD	< LOD
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	< LOD	25	61
					799	Soil	120.04	ppm	< LOD	17	72
					800	Mining	120.03	ppm	< LOD	< LOD	< LOD
					801	Mining	120.01	ppm	< LOD	< LOD	< LOD
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	< LOD	17	77
					803	Soil	120.02	ppm	< LOD	22	55

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	W	Cu	Ni
					804	Mining	120.79	ppm	< LOD	< LOD	< LOD
					805	Mining	120.18	ppm	< LOD	< LOD	< LOD
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	< LOD	22	68
					810	Soil	120.05	ppm	< LOD	20	69
					811	Mining	120.21	ppm	< LOD	< LOD	< LOD
					812	Mining	121.59	ppm	< LOD	< LOD	< LOD
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	< LOD	33	79
					814	Soil	120.32	ppm	< LOD	< LOD	93
					815	Mining	120.47	ppm	< LOD	< LOD	< LOD
					816	Mining	121.66	ppm	< LOD	< LOD	< LOD
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	< LOD	31	71
					818	Soil	120.11	ppm	< LOD	33	82
					819	Mining	121.56	ppm	< LOD	< LOD	< LOD
					820	Mining	121.37	ppm	< LOD	< LOD	< LOD
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	< LOD	22	70
					822	Soil	120.03	ppm	< LOD	28	76
					823	Mining	121.32	ppm	< LOD	< LOD	< LOD
					824	Mining	120.09	ppm	< LOD	< LOD	< LOD
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	< LOD	23	70
					826	Soil	120.05	ppm	< LOD	< LOD	91
					827	Mining	120.93	ppm	< LOD	< LOD	< LOD
					828	Mining	121	ppm	< LOD	< LOD	< LOD
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	< LOD	25	97
					832	Soil	120.06	ppm	< LOD	23	89
					833	Mining	120.78	ppm	< LOD	< LOD	< LOD
					834	Mining	120	ppm	< LOD	< LOD	< LOD
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	< LOD	32	80
					836	Soil	120.29	ppm	< LOD	28	85
					837	Mining	120.26	ppm	< LOD	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	W	Cu	Ni
					838	Mining	121.64	ppm	< LOD	< LOD	< LOD
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	< LOD	< LOD	84
					840	Soil	120.11	ppm	< LOD	19	80
					841	Mining	121.23	ppm	< LOD	< LOD	< LOD
					842	Mining	120.09	ppm	< LOD	< LOD	< LOD
					STANDARDS	Every 5 samples	**Duration**	**Units**	**W**	**Cu**	**Ni**
					665	Soil	120.08	ppm	64	360	204
					666	Mining	121.09	ppm	< LOD	360	256
					687	Soil	120.31	ppm	< LOD	368	221
					688	Mining	120.75	ppm	< LOD	377	298
					714	Soil	120.26	ppm	< LOD	370	179
					715	Mining	120.62	ppm	< LOD	356	288
					736	Soil	120.17	ppm	53	368	177
					737	Mining	121.35	ppm	< LOD	375	245
					756	Mining	120.24	ppm	< LOD	< LOD	810
					757	Mining	120.35	ppm	< LOD	< LOD	< LOD
					762	Soil	119.49	ppm	< LOD	358	268
					763	Mining	120.46	ppm	< LOD	338	242
					784	Soil	120.05	ppm	< LOD	354	245
					785	Mining	120.24	ppm	< LOD	361	352
					806	Soil	120.01	ppm	56	348	207
					807	Mining	120.97	ppm	< LOD	367	297
					829	Soil	120.07	ppm	< LOD	363	241
					830	Mining	120.72	ppm	< LOD	345	319

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Co	Fe	Mn
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	200	38469	679
					646	Soil	120.35	ppm	200	38628	714
					647	Mining	121.23	ppm	< LOD	46465	< LOD
					648	Mining	121.11	ppm	< LOD	47025	< LOD
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	246	40516	650
					650	Soil	120.25	ppm	198	40450	707
					651	Mining	120.74	ppm	< LOD	48756	< LOD
					652	Mining	121.06	ppm	< LOD	48539	< LOD
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	140	36891	620
					654	Soil	120.07	ppm	205	36566	677
					655	Mining	121.27	ppm	< LOD	45266	< LOD
					656	Mining	120.9	ppm	< LOD	45298	< LOD
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	201	38418	629
					658	Soil	120.4	ppm	199	38782	664
					659	Mining	121.65	ppm	< LOD	47338	< LOD
					660	Mining	120.68	ppm	< LOD	47238	< LOD
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	< LOD	40210	887
					662	Soil	120.3	ppm	< LOD	40309	801
					663	Mining	120.11	ppm	< LOD	48526	< LOD
					664	Mining	121.65	ppm	< LOD	49141	< LOD
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	144	36383	561
					668	Soil	120.06	ppm	< LOD	36037	525
					669	Mining	120.89	ppm	< LOD	44517	< LOD
					670	Mining	121.37	ppm	< LOD	44758	< LOD
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	251	42749	828
					672	Soil	120.06	ppm	244	42664	870
					673	Mining	120.69	ppm	< LOD	50840	< LOD
					674	Mining	120.25	ppm	< LOD	51288	< LOD
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	< LOD	41676	836
					676	Soil	120.12	ppm	< LOD	42260	714
					677	Mining	121.28	ppm	< LOD	50295	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Co	Fe	Mn
					678	Mining	120.09	ppm	< LOD	50512	< LOD
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	< LOD	55278	1245
					680	Soil	120.16	ppm	249	55954	1338
					681	Mining	121.18	ppm	< LOD	62875	< LOD
					682	Mining	120.77	ppm	< LOD	63409	< LOD
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	< LOD	58809	1255
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	< LOD	59065	1230
					685	Mining	120.43	ppm	< LOD	66554	< LOD
					686	Mining	120.25	ppm	< LOD	67038	< LOD
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	180	50709	1119
					692	Soil	120.12	ppm	346	50823	1131
					693	Mining	120.2	ppm	< LOD	59460	< LOD
					694	Mining	121.26	ppm	< LOD	59427	< LOD
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	253	47817	1522
					696	Soil	120.05	ppm	425	47036	1552
					697	Mining	121.76	ppm	< LOD	55577	< LOD
					698	Mining	121.63	ppm	< LOD	55802	< LOD
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	283	48470	1585
					703	Soil	120.14	ppm	171	49117	1657
					704	Mining	120.07	ppm	< LOD	56957	< LOD
					705	Mining	121.46	ppm	< LOD	56678	< LOD
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	220	42409	741
					707	Soil	120.22	ppm	230	42560	771
					708	Mining	120.22	ppm	< LOD	51169	< LOD
					709	Mining	121.03	ppm	< LOD	50500	< LOD
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	< LOD	48910	1419
					711	Soil	120.04	ppm	276	48635	1357
					712	Mining	121.83	ppm	< LOD	57338	< LOD
					713	Mining	120.61	ppm	< LOD	57163	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Co	Fe	Mn
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	< LOD	57391	2048
					717	Soil	120.13	ppm	< LOD	57873	2037
					718	Mining	121.63	ppm	< LOD	65854	< LOD
					719	Mining	121.19	ppm	< LOD	65944	< LOD
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	< LOD	75664	2290
					721	Soil	120.11	ppm	< LOD	76019	2346
					722	Mining	121.47	ppm	< LOD	82043	< LOD
					723	Mining	120.88	ppm	< LOD	81328	< LOD
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	< LOD	75777	1809
					725	Soil	120	ppm	320	76647	1775
					726	Mining	121.8	ppm	< LOD	81569	< LOD
					727	Mining	120.87	ppm	< LOD	81098	< LOD
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	234	46692	385
					729	Soil	120.32	ppm	327	46936	423
					730	Mining	120.21	ppm	< LOD	55220	< LOD
					731	Mining	120.6	ppm	< LOD	55520	< LOD
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	196	38928	373
					733	Soil	120.22	ppm	278	38777	388
					734	Mining	121.79	ppm	< LOD	47180	< LOD
					735	Mining	120.38	ppm	< LOD	47324	< LOD
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	231	32630	316
					739	Soil	120.34	ppm	205	32867	296
					740	Mining	121.23	ppm	< LOD	41474	< LOD
					741	Mining	121.49	ppm	< LOD	41478	< LOD
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	220	36461	299
					745	Soil	120.35	ppm	< LOD	37227	365
					746	Mining	121.4	ppm	< LOD	45576	< LOD
					747	Mining	120.75	ppm	< LOD	44907	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Co	Fe	Mn
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	< LOD	39688	401
					749	Soil	120.1	ppm	326	39992	390
					750	Mining	120.83	ppm	< LOD	48100	< LOD
					751	Mining	121.7	ppm	< LOD	48276	< LOD
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	241	47915	777
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	226	47877	808
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	< LOD	56294	< LOD
					755	Mining	120.75	ppm	< LOD	56000	< LOD
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	160	34713	387
					759	Soil	120.23	ppm	148	34924	301
					760	Mining	121.18	ppm	< LOD	42889	< LOD
					761	Mining	121.55	ppm	< LOD	43441	< LOD
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	359	37430	550
					765	Soil	120.13	ppm	319	37566	578
					766	Mining	121.32	ppm	< LOD	46126	< LOD
					767	Mining	120.09	ppm	< LOD	45910	< LOD
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	240	38749	1152
					769	Soil	120.04	ppm	< LOD	38860	1159
					770	Mining	120.72	ppm	< LOD	47489	< LOD
					771	Mining	121.48	ppm	< LOD	47315	< LOD
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	300	39256	376
					773	Soil	120.07	ppm	214	39548	420
					774	Mining	120.1	ppm	< LOD	48033	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Co	Fe	Mn
					775	Mining	121.64	ppm	254	47664	< LOD
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	< LOD	43302	557
					777	Soil	120.21	ppm	280	43016	533
					778	Mining	121	ppm	< LOD	51859	< LOD
					779	Mining	120.04	ppm	< LOD	51668	< LOD
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	195	36724	417
					781	Soil	120.29	ppm	149	37099	449
					782	Mining	121.69	ppm	< LOD	44824	< LOD
					783	Mining	120.96	ppm	< LOD	44946	< LOD
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	236	38164	764
					787	Soil	120.24	ppm	156	38293	739
					788	Mining	120.77	ppm	< LOD	46488	< LOD
					789	Mining	120.39	ppm	< LOD	46668	< LOD
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	282	41978	505
					791	Soil	120.24	ppm	248	42247	507
					792	Mining	121.59	ppm	< LOD	51109	< LOD
					793	Mining	120.92	ppm	< LOD	51055	< LOD
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	288	47560	528
					795	Soil	120.12	ppm	295	47776	493
					796	Mining	121.34	ppm	< LOD	56277	< LOD
					797	Mining	120.9	ppm	< LOD	56030	< LOD
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	207	30872	346
					799	Soil	120.04	ppm	237	31125	394
					800	Mining	120.03	ppm	< LOD	38982	< LOD
					801	Mining	120.01	ppm	< LOD	39125	< LOD
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	203	29712	290
					803	Soil	120.02	ppm	222	30067	349

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Co	Fe	Mn
					804	Mining	120.79	ppm	< LOD	38475	< LOD
					805	Mining	120.18	ppm	< LOD	38064	< LOD
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	156	31355	306
					810	Soil	120.05	ppm	184	31616	316
					811	Mining	120.21	ppm	< LOD	39346	< LOD
					812	Mining	121.59	ppm	< LOD	39188	< LOD
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	< LOD	44912	360
					814	Soil	120.32	ppm	< LOD	45280	367
					815	Mining	120.47	ppm	< LOD	53717	< LOD
					816	Mining	121.66	ppm	< LOD	54086	< LOD
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	< LOD	46861	526
					818	Soil	120.11	ppm	305	47291	527
					819	Mining	121.56	ppm	< LOD	55942	< LOD
					820	Mining	121.37	ppm	< LOD	55548	< LOD
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	< LOD	36625	323
					822	Soil	120.03	ppm	149	36701	331
					823	Mining	121.32	ppm	< LOD	45212	< LOD
					824	Mining	120.09	ppm	< LOD	44709	< LOD
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	208	38078	458
					826	Soil	120.05	ppm	169	37985	457
					827	Mining	120.93	ppm	< LOD	46335	< LOD
					828	Mining	121	ppm	< LOD	46543	< LOD
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	147	34631	289
					832	Soil	120.06	ppm	197	34874	301
					833	Mining	120.78	ppm	< LOD	42952	< LOD
					834	Mining	120	ppm	< LOD	42962	< LOD
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	243	51423	427
					836	Soil	120.29	ppm	330	51046	354
					837	Mining	120.26	ppm	< LOD	59526	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Co	Fe	Mn
					838	Mining	121.64	ppm	< LOD	59265	< LOD
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	< LOD	42837	563
					840	Soil	120.11	ppm	< LOD	42417	576
					841	Mining	121.23	ppm	< LOD	50717	< LOD
					842	Mining	120.09	ppm	< LOD	50988	< LOD
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Co**	**Fe**	**Mn**
					665	Soil	120.08	ppm	1824	230246	224
					666	Mining	121.09	ppm	827	186030	< LOD
					687	Soil	120.31	ppm	1575	229387	291
					688	Mining	120.75	ppm	810	184681	< LOD
					714	Soil	120.26	ppm	1978	212757	341
					715	Mining	120.62	ppm	957	176702	< LOD
					736	Soil	120.17	ppm	2144	221869	227
					737	Mining	121.35	ppm	1070	183597	< LOD
					756	Mining	120.24	ppm	< LOD	< LOD	< LOD
					757	Mining	120.35	ppm	< LOD	< LOD	< LOD
					762	Soil	119.49	ppm	1882	223349	233
					763	Mining	120.46	ppm	1068	182836	< LOD
					784	Soil	120.05	ppm	1702	218998	365
					785	Mining	120.24	ppm	1184	182203	< LOD
					806	Soil	120.01	ppm	1977	215917	323
					807	Mining	120.97	ppm	1095	180393	< LOD
					829	Soil	120.07	ppm	1743	222415	254
					830	Mining	120.72	ppm	795	185700	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Cr	V	Ti
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	34	125	5283
					646	Soil	120.35	ppm	< LOD	133	5262
					647	Mining	121.23	ppm	< LOD	< LOD	3549
					648	Mining	121.11	ppm	< LOD	< LOD	3553
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	< LOD	96	5730
					650	Soil	120.25	ppm	< LOD	119	5804
					651	Mining	120.74	ppm	< LOD	< LOD	3759
					652	Mining	121.06	ppm	< LOD	< LOD	3995
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	31	107	4699
					654	Soil	120.07	ppm	29	99	4756
					655	Mining	121.27	ppm	< LOD	< LOD	3242
					656	Mining	120.9	ppm	< LOD	< LOD	3197
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	34	101	4348
					658	Soil	120.4	ppm	44	117	4379
					659	Mining	121.65	ppm	< LOD	< LOD	2911
					660	Mining	120.68	ppm	< LOD	< LOD	3278
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	< LOD	95	4225
					662	Soil	120.3	ppm	< LOD	107	4187
					663	Mining	120.11	ppm	< LOD	< LOD	2519
					664	Mining	121.65	ppm	< LOD	< LOD	2690
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	21	112	4325
					668	Soil	120.06	ppm	24	133	4379
					669	Mining	120.89	ppm	< LOD	< LOD	2967
					670	Mining	121.37	ppm	< LOD	< LOD	3023
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	< LOD	127	4974
					672	Soil	120.06	ppm	39	120	4978
					673	Mining	120.69	ppm	< LOD	< LOD	3288
					674	Mining	120.25	ppm	< LOD	< LOD	3229
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	< LOD	107	5771
					676	Soil	120.12	ppm	< LOD	104	5767
					677	Mining	121.28	ppm	< LOD	< LOD	3984

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Cr	V	Ti
					678	Mining	120.09	ppm	< LOD	< LOD	4076
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	< LOD	81	3670
					680	Soil	120.16	ppm	< LOD	101	3602
					681	Mining	121.18	ppm	< LOD	< LOD	2566
					682	Mining	120.77	ppm	< LOD	< LOD	2680
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	< LOD	80	3405
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	< LOD	82	3423
					685	Mining	120.43	ppm	< LOD	< LOD	2612
					686	Mining	120.25	ppm	< LOD	< LOD	2504
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	< LOD	90	3828
					692	Soil	120.12	ppm	< LOD	77	3844
					693	Mining	120.2	ppm	< LOD	< LOD	2422
					694	Mining	121.26	ppm	< LOD	< LOD	2759
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	< LOD	107	4328
					696	Soil	120.05	ppm	< LOD	124	4358
					697	Mining	121.76	ppm	< LOD	< LOD	2869
					698	Mining	121.63	ppm	< LOD	< LOD	2799
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	23	98	4589
					703	Soil	120.14	ppm	23	92	4690
					704	Mining	120.07	ppm	< LOD	< LOD	3233
					705	Mining	121.46	ppm	< LOD	< LOD	2999
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	< LOD	87	4382
					707	Soil	120.22	ppm	< LOD	100	4456
					708	Mining	120.22	ppm	< LOD	< LOD	2869
					709	Mining	121.03	ppm	< LOD	< LOD	2978
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	< LOD	88	3697
					711	Soil	120.04	ppm	< LOD	73	3697
					712	Mining	121.83	ppm	< LOD	< LOD	2617
					713	Mining	120.61	ppm	< LOD	< LOD	2434

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Cr	V	Ti
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	< LOD	119	4156
					717	Soil	120.13	ppm	< LOD	103	4083
					718	Mining	121.63	ppm	< LOD	< LOD	2915
					719	Mining	121.19	ppm	< LOD	< LOD	2928
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	< LOD	140	5022
					721	Soil	120.11	ppm	< LOD	146	4832
					722	Mining	121.47	ppm	< LOD	< LOD	3056
					723	Mining	120.88	ppm	< LOD	< LOD	3491
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	< LOD	162	3672
					725	Soil	120	ppm	< LOD	173	3684
					726	Mining	121.8	ppm	< LOD	< LOD	2774
					727	Mining	120.87	ppm	< LOD	< LOD	< LOD
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	113	159	4865
					729	Soil	120.32	ppm	107	128	4853
					730	Mining	120.21	ppm	< LOD	< LOD	3295
					731	Mining	120.6	ppm	< LOD	< LOD	3062
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	63	132	4268
					733	Soil	120.22	ppm	77	140	4330
					734	Mining	121.79	ppm	< LOD	< LOD	3005
					735	Mining	120.38	ppm	< LOD	< LOD	3171
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	62	133	4911
					739	Soil	120.34	ppm	72	120	4951
					740	Mining	121.23	ppm	< LOD	< LOD	3290
					741	Mining	121.49	ppm	< LOD	< LOD	3434
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	95	117	4628
					745	Soil	120.35	ppm	76	121	4574
					746	Mining	121.4	ppm	< LOD	< LOD	3548
					747	Mining	120.75	ppm	< LOD	< LOD	3058

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Cr	V	Ti
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	55	112	4753
					749	Soil	120.1	ppm	65	136	4663
					750	Mining	120.83	ppm	< LOD	< LOD	3386
					751	Mining	121.7	ppm	< LOD	< LOD	3696
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	60	118	4551
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	49	108	4662
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	< LOD	< LOD	3051
					755	Mining	120.75	ppm	< LOD	< LOD	3270
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	55	115	5155
					759	Soil	120.23	ppm	55	140	5189
					760	Mining	121.18	ppm	< LOD	< LOD	3513
					761	Mining	121.55	ppm	< LOD	< LOD	3630
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	54	123	3943
					765	Soil	120.13	ppm	50	107	3998
					766	Mining	121.32	ppm	< LOD	< LOD	2599
					767	Mining	120.09	ppm	< LOD	< LOD	2880
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	67	121	4910
					769	Soil	120.04	ppm	68	115	4936
					770	Mining	120.72	ppm	< LOD	< LOD	3326
					771	Mining	121.48	ppm	< LOD	< LOD	3470
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	42	126	4751
					773	Soil	120.07	ppm	44	124	4773
					774	Mining	120.1	ppm	< LOD	< LOD	3029

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Cr	V	Ti
					775	Mining	121.64	ppm	< LOD	< LOD	3480
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	57	106	4443
					777	Soil	120.21	ppm	44	110	4429
					778	Mining	121	ppm	< LOD	< LOD	2944
					779	Mining	120.04	ppm	< LOD	< LOD	2803
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	68	129	4625
					781	Soil	120.29	ppm	63	114	4607
					782	Mining	121.69	ppm	< LOD	< LOD	3327
					783	Mining	120.96	ppm	< LOD	< LOD	3507
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	50	163	5789
					787	Soil	120.24	ppm	46	126	5692
					788	Mining	120.77	ppm	< LOD	< LOD	3620
					789	Mining	120.39	ppm	< LOD	< LOD	4188
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	50	135	4346
					791	Soil	120.24	ppm	59	101	4289
					792	Mining	121.59	ppm	< LOD	< LOD	3038
					793	Mining	120.92	ppm	< LOD	< LOD	2928
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	56	124	4933
					795	Soil	120.12	ppm	37	120	4987
					796	Mining	121.34	ppm	< LOD	< LOD	3562
					797	Mining	120.9	ppm	< LOD	< LOD	3650
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	33	127	4835
					799	Soil	120.04	ppm	45	124	4873
					800	Mining	120.03	ppm	< LOD	< LOD	3383
					801	Mining	120.01	ppm	< LOD	< LOD	3337
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	42	116	5012
					803	Soil	120.02	ppm	49	133	4959

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Cr	V	Ti
					804	Mining	120.79	ppm	< LOD	< LOD	3326
					805	Mining	120.18	ppm	< LOD	< LOD	3435
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	51	147	5178
					810	Soil	120.05	ppm	53	130	5050
					811	Mining	120.21	ppm	< LOD	< LOD	3618
					812	Mining	121.59	ppm	< LOD	< LOD	3414
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	36	110	4941
					814	Soil	120.32	ppm	31	120	5057
					815	Mining	120.47	ppm	< LOD	< LOD	3236
					816	Mining	121.66	ppm	< LOD	< LOD	3375
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	66	125	4739
					818	Soil	120.11	ppm	52	111	4826
					819	Mining	121.56	ppm	< LOD	< LOD	3046
					820	Mining	121.37	ppm	< LOD	< LOD	3385
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	63	153	5302
					822	Soil	120.03	ppm	65	139	5242
					823	Mining	121.32	ppm	< LOD	< LOD	3495
					824	Mining	120.09	ppm	< LOD	< LOD	3460
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	66	159	5077
					826	Soil	120.05	ppm	55	146	5027
					827	Mining	120.93	ppm	< LOD	< LOD	3274
					828	Mining	121	ppm	< LOD	< LOD	3622
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	83	134	5382
					832	Soil	120.06	ppm	89	123	5253
					833	Mining	120.78	ppm	< LOD	< LOD	3971
					834	Mining	120	ppm	< LOD	< LOD	3529
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	85	127	4729
					836	Soil	120.29	ppm	75	129	4741
					837	Mining	120.26	ppm	< LOD	< LOD	3179

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Cr	V	Ti
					838	Mining	121.64	ppm	< LOD	< LOD	3327
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	156	148	6065
					840	Soil	120.11	ppm	157	155	5932
					841	Mining	121.23	ppm	< LOD	< LOD	4265
					842	Mining	120.09	ppm	< LOD	< LOD	4387
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Cr**	**V**	**Ti**
					665	Soil	120.08	ppm	167	< LOD	205
					666	Mining	121.09	ppm	457	< LOD	< LOD
					687	Soil	120.31	ppm	144	< LOD	167
					688	Mining	120.75	ppm	522	< LOD	< LOD
					714	Soil	120.26	ppm	164	< LOD	206
					715	Mining	120.62	ppm	473	< LOD	< LOD
					736	Soil	120.17	ppm	148	< LOD	223
					737	Mining	121.35	ppm	513	< LOD	< LOD
					756	Mining	120.24	ppm	< LOD	< LOD	< LOD
					757	Mining	120.35	ppm	< LOD	< LOD	< LOD
					762	Soil	119.49	ppm	144	< LOD	178
					763	Mining	120.46	ppm	534	< LOD	< LOD
					784	Soil	120.05	ppm	131	< LOD	146
					785	Mining	120.24	ppm	525	< LOD	< LOD
					806	Soil	120.01	ppm	143	< LOD	246
					807	Mining	120.97	ppm	505	< LOD	< LOD
					829	Soil	120.07	ppm	142	< LOD	140
					830	Mining	120.72	ppm	516	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sc	Nd	Pr
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	< LOD		
					646	Soil	120.35	ppm	< LOD		
					647	Mining	121.23	ppm		560	343
					648	Mining	121.11	ppm		601	389
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	< LOD		
					650	Soil	120.25	ppm	< LOD		
					651	Mining	120.74	ppm		662	447
					652	Mining	121.06	ppm		737	397
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	12		
					654	Soil	120.07	ppm	15		
					655	Mining	121.27	ppm		710	443
					656	Mining	120.9	ppm		726	457
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	< LOD		
					658	Soil	120.4	ppm	< LOD		
					659	Mining	121.65	ppm		777	521
					660	Mining	120.68	ppm		786	544
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	< LOD		
					662	Soil	120.3	ppm	< LOD		
					663	Mining	120.11	ppm		623	382
					664	Mining	121.65	ppm		507	370
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	< LOD		
					668	Soil	120.06	ppm	< LOD		
					669	Mining	120.89	ppm		569	358
					670	Mining	121.37	ppm		544	369
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	< LOD		
					672	Soil	120.06	ppm	< LOD		
					673	Mining	120.69	ppm		588	393
					674	Mining	120.25	ppm		655	439
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	< LOD		
					676	Soil	120.12	ppm	< LOD		
					677	Mining	121.28	ppm		633	397

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sc	Nd	Pr
					678	Mining	120.09	ppm		560	397
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	64		
					680	Soil	120.16	ppm	64		
					681	Mining	121.18	ppm		610	384
					682	Mining	120.77	ppm		642	425
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	119		
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	106		
					685	Mining	120.43	ppm		735	461
					686	Mining	120.25	ppm		724	469
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	< LOD		
					692	Soil	120.12	ppm	< LOD		
					693	Mining	120.2	ppm		587	398
					694	Mining	121.26	ppm		500	358
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	< LOD		
					696	Soil	120.05	ppm	< LOD		
					697	Mining	121.76	ppm		497	318
					698	Mining	121.63	ppm		531	368
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	< LOD		
					703	Soil	120.14	ppm	< LOD		
					704	Mining	120.07	ppm		515	338
					705	Mining	121.46	ppm		525	322
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	< LOD		
					707	Soil	120.22	ppm	< LOD		
					708	Mining	120.22	ppm		682	457
					709	Mining	121.03	ppm		659	448
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	< LOD		
					711	Soil	120.04	ppm	< LOD		
					712	Mining	121.83	ppm		510	342
					713	Mining	120.61	ppm		567	328

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sc	Nd	Pr
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	20		
					717	Soil	120.13	ppm	21		
					718	Mining	121.63	ppm		378	273
					719	Mining	121.19	ppm		499	360
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	< LOD		
					721	Soil	120.11	ppm	< LOD		
					722	Mining	121.47	ppm		602	401
					723	Mining	120.88	ppm		659	384
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	70		
					725	Soil	120	ppm	68		
					726	Mining	121.8	ppm		533	393
					727	Mining	120.87	ppm		627	470
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	< LOD		
					729	Soil	120.32	ppm	< LOD		
					730	Mining	120.21	ppm		530	341
					731	Mining	120.6	ppm		541	340
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	< LOD		
					733	Soil	120.22	ppm	< LOD		
					734	Mining	121.79	ppm		585	381
					735	Mining	120.38	ppm		627	416
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	< LOD		
					739	Soil	120.34	ppm	< LOD		
					740	Mining	121.23	ppm		455	307
					741	Mining	121.49	ppm		353	277
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	< LOD		
					745	Soil	120.35	ppm	< LOD		
					746	Mining	121.4	ppm		399	250
					747	Mining	120.75	ppm		470	328

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sc	Nd	Pr
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	< LOD		
					749	Soil	120.1	ppm	< LOD		
					750	Mining	120.83	ppm		536	401
					751	Mining	121.7	ppm		592	427
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	< LOD		
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	< LOD		
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm		473	304
					755	Mining	120.75	ppm		490	306
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	< LOD		
					759	Soil	120.23	ppm	< LOD		
					760	Mining	121.18	ppm		389	273
					761	Mining	121.55	ppm		448	319
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	< LOD		
					765	Soil	120.13	ppm	< LOD		
					766	Mining	121.32	ppm		321	243
					767	Mining	120.09	ppm		400	229
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	< LOD		
					769	Soil	120.04	ppm	< LOD		
					770	Mining	120.72	ppm		480	290
					771	Mining	121.48	ppm		444	343
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	< LOD		
					773	Soil	120.07	ppm	< LOD		
					774	Mining	120.1	ppm		473	324

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sc	Nd	Pr
					775	Mining	121.64	ppm		541	307
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	< LOD		
					777	Soil	120.21	ppm	< LOD		
					778	Mining	121	ppm		438	269
					779	Mining	120.04	ppm		359	311
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	< LOD		
					781	Soil	120.29	ppm	< LOD		
					782	Mining	121.69	ppm		443	322
					783	Mining	120.96	ppm		440	321
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	< LOD		
					787	Soil	120.24	ppm	< LOD		
					788	Mining	120.77	ppm		540	351
					789	Mining	120.39	ppm		495	350
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	< LOD		
					791	Soil	120.24	ppm	< LOD		
					792	Mining	121.59	ppm		472	325
					793	Mining	120.92	ppm		476	327
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	< LOD		
					795	Soil	120.12	ppm	< LOD		
					796	Mining	121.34	ppm		547	313
					797	Mining	120.9	ppm		557	395
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	< LOD		
					799	Soil	120.04	ppm	< LOD		
					800	Mining	120.03	ppm		370	252
					801	Mining	120.01	ppm		395	293
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	< LOD		
					803	Soil	120.02	ppm	< LOD		

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sc	Nd	Pr
					804	Mining	120.79	ppm		429	309
					805	Mining	120.18	ppm		497	348
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	< LOD		
					810	Soil	120.05	ppm	< LOD		
					811	Mining	120.21	ppm		453	318
					812	Mining	121.59	ppm		469	353
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	< LOD		
					814	Soil	120.32	ppm	< LOD		
					815	Mining	120.47	ppm		566	364
					816	Mining	121.66	ppm		576	340
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	< LOD		
					818	Soil	120.11	ppm	< LOD		
					819	Mining	121.56	ppm		425	256
					820	Mining	121.37	ppm		466	246
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	< LOD		
					822	Soil	120.03	ppm	< LOD		
					823	Mining	121.32	ppm		484	382
					824	Mining	120.09	ppm		484	321
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	< LOD		
					826	Soil	120.05	ppm	< LOD		
					827	Mining	120.93	ppm		523	333
					828	Mining	121	ppm		452	349
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	< LOD		
					832	Soil	120.06	ppm	< LOD		
					833	Mining	120.78	ppm		493	310
					834	Mining	120	ppm		473	296
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	< LOD		
					836	Soil	120.29	ppm	< LOD		
					837	Mining	120.26	ppm		456	281

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Sc	Nd	Pr
					838	Mining	121.64	ppm		499	327
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	< LOD		
					840	Soil	120.11	ppm	< LOD		
					841	Mining	121.23	ppm		455	296
					842	Mining	120.09	ppm		534	383
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Sc**	**Nd**	**Pr**
					665	Soil	120.08	ppm	< LOD		
					666	Mining	121.09	ppm		1107	590
					687	Soil	120.31	ppm	< LOD		
					688	Mining	120.75	ppm		962	589
					714	Soil	120.26	ppm	< LOD		
					715	Mining	120.62	ppm		1050	584
					736	Soil	120.17	ppm	< LOD		
					737	Mining	121.35	ppm		1056	701
					756	Mining	120.24	ppm		< LOD	< LOD
					757	Mining	120.35	ppm		< LOD	< LOD
					762	Soil	119.49	ppm	< LOD		
					763	Mining	120.46	ppm		1087	756
					784	Soil	120.05	ppm	< LOD		
					785	Mining	120.24	ppm		1120	594
					806	Soil	120.01	ppm	< LOD		
					807	Mining	120.97	ppm		1074	696
					829	Soil	120.07	ppm	< LOD		
					830	Mining	120.72	ppm		1078	659

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ce	La	Nb
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm			
					646	Soil	120.35	ppm			
					647	Mining	121.23	ppm	269	249	15
					648	Mining	121.11	ppm	338	231	15
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm			
					650	Soil	120.25	ppm			
					651	Mining	120.74	ppm	368	296	15
					652	Mining	121.06	ppm	347	301	15
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm			
					654	Soil	120.07	ppm			
					655	Mining	121.27	ppm	335	230	13
					656	Mining	120.9	ppm	369	306	12
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm			
					658	Soil	120.4	ppm			
					659	Mining	121.65	ppm	386	307	13
					660	Mining	120.68	ppm	377	301	10
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm			
					662	Soil	120.3	ppm			
					663	Mining	120.11	ppm	317	204	9
					664	Mining	121.65	ppm	252	256	9
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm			
					668	Soil	120.06	ppm			
					669	Mining	120.89	ppm	304	199	12
					670	Mining	121.37	ppm	330	256	13
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm			
					672	Soil	120.06	ppm			
					673	Mining	120.69	ppm	281	281	11
					674	Mining	120.25	ppm	312	259	11
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm			
					676	Soil	120.12	ppm			
					677	Mining	121.28	ppm	290	247	13

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ce	La	Nb
					678	Mining	120.09	ppm	265	212	11
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm			
					680	Soil	120.16	ppm			
					681	Mining	121.18	ppm	335	242	11
					682	Mining	120.77	ppm	318	240	10
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm			
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm			
					685	Mining	120.43	ppm	360	322	12
					686	Mining	120.25	ppm	342	278	9
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm			
					692	Soil	120.12	ppm			
					693	Mining	120.2	ppm	321	267	14
					694	Mining	121.26	ppm	294	207	13
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm			
					696	Soil	120.05	ppm			
					697	Mining	121.76	ppm	275	221	12
					698	Mining	121.63	ppm	323	252	14
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm			
					703	Soil	120.14	ppm			
					704	Mining	120.07	ppm	328	231	12
					705	Mining	121.46	ppm	260	210	13
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm			
					707	Soil	120.22	ppm			
					708	Mining	120.22	ppm	342	262	14
					709	Mining	121.03	ppm	350	235	13
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm			
					711	Soil	120.04	ppm			
					712	Mining	121.83	ppm	260	192	11
					713	Mining	120.61	ppm	224	219	12

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ce	La	Nb
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm			
					717	Soil	120.13	ppm			
					718	Mining	121.63	ppm	196	170	14
					719	Mining	121.19	ppm	319	251	14
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm			
					721	Soil	120.11	ppm			
					722	Mining	121.47	ppm	231	197	15
					723	Mining	120.88	ppm	278	256	16
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm			
					725	Soil	120	ppm			
					726	Mining	121.8	ppm	324	266	13
					727	Mining	120.87	ppm	276	252	12
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm			
					729	Soil	120.32	ppm			
					730	Mining	120.21	ppm	267	204	15
					731	Mining	120.6	ppm	281	249	18
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm			
					733	Soil	120.22	ppm			
					734	Mining	121.79	ppm	329	237	14
					735	Mining	120.38	ppm	337	295	15
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm			
					739	Soil	120.34	ppm			
					740	Mining	121.23	ppm	262	179	16
					741	Mining	121.49	ppm	234	169	15
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm			
					745	Soil	120.35	ppm			
					746	Mining	121.4	ppm	207	173	13
					747	Mining	120.75	ppm	240	190	13

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ce	La	Nb
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm			
					749	Soil	120.1	ppm			
					750	Mining	120.83	ppm	328	255	15
					751	Mining	121.7	ppm	333	295	15
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm			
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm			
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	287	194	12
					755	Mining	120.75	ppm	289	223	12
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm			
					759	Soil	120.23	ppm			
					760	Mining	121.18	ppm	243	162	13
					761	Mining	121.55	ppm	240	179	12
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm			
					765	Soil	120.13	ppm			
					766	Mining	121.32	ppm	222	139	14
					767	Mining	120.09	ppm	225	196	13
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm			
					769	Soil	120.04	ppm			
					770	Mining	120.72	ppm	249	204	14
					771	Mining	121.48	ppm	273	218	16
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm			
					773	Soil	120.07	ppm			
					774	Mining	120.1	ppm	293	220	14

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ce	La	Nb
					775	Mining	121.64	ppm	265	203	14
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm			
					777	Soil	120.21	ppm			
					778	Mining	121	ppm	270	200	12
					779	Mining	120.04	ppm	251	151	12
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm			
					781	Soil	120.29	ppm			
					782	Mining	121.69	ppm	240	224	13
					783	Mining	120.96	ppm	225	228	13
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm			
					787	Soil	120.24	ppm			
					788	Mining	120.77	ppm	265	223	14
					789	Mining	120.39	ppm	286	225	15
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm			
					791	Soil	120.24	ppm			
					792	Mining	121.59	ppm	298	215	11
					793	Mining	120.92	ppm	276	204	12
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm			
					795	Soil	120.12	ppm			
					796	Mining	121.34	ppm	299	186	16
					797	Mining	120.9	ppm	244	206	16
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm			
					799	Soil	120.04	ppm			
					800	Mining	120.03	ppm	263	186	14
					801	Mining	120.01	ppm	261	142	14
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm			
					803	Soil	120.02	ppm			

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ce	La	Nb
					804	Mining	120.79	ppm	246	219	11
					805	Mining	120.18	ppm	285	190	13
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm			
					810	Soil	120.05	ppm			
					811	Mining	120.21	ppm	304	208	16
					812	Mining	121.59	ppm	290	201	15
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm			
					814	Soil	120.32	ppm			
					815	Mining	120.47	ppm	312	238	13
					816	Mining	121.66	ppm	273	226	13
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm			
					818	Soil	120.11	ppm			
					819	Mining	121.56	ppm	269	198	12
					820	Mining	121.37	ppm	232	193	13
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm			
					822	Soil	120.03	ppm			
					823	Mining	121.32	ppm	275	217	15
					824	Mining	120.09	ppm	231	198	15
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm			
					826	Soil	120.05	ppm			
					827	Mining	120.93	ppm	283	199	17
					828	Mining	121	ppm	293	203	13
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm			
					832	Soil	120.06	ppm			
					833	Mining	120.78	ppm	231	177	17
					834	Mining	120	ppm	250	188	17
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm			
					836	Soil	120.29	ppm			
					837	Mining	120.26	ppm	270	193	12

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Ce	La	Nb
					838	Mining	121.64	ppm	297	205	13
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm			
					840	Soil	120.11	ppm			
					841	Mining	121.23	ppm	275	207	14
					842	Mining	120.09	ppm	248	236	13
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Ce**	**La**	**Nb**
					665	Soil	120.08	ppm			
					666	Mining	121.09	ppm	425	333	< LOD
					687	Soil	120.31	ppm			
					688	Mining	120.75	ppm	396	313	< LOD
					714	Soil	120.26	ppm			
					715	Mining	120.62	ppm	333	304	< LOD
					736	Soil	120.17	ppm			
					737	Mining	121.35	ppm	415	396	< LOD
					756	Mining	120.24	ppm	< LOD	< LOD	< LOD
					757	Mining	120.35	ppm	< LOD	< LOD	< LOD
					762	Soil	119.49	ppm			
					763	Mining	120.46	ppm	443	438	< LOD
					784	Soil	120.05	ppm			
					785	Mining	120.24	ppm	348	313	< LOD
					806	Soil	120.01	ppm			
					807	Mining	120.97	ppm	391	337	< LOD
					829	Soil	120.07	ppm			
					830	Mining	120.72	ppm	350	288	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Y	Bi	Al
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm			
					646	Soil	120.35	ppm			
					647	Mining	121.23	ppm	3	< LOD	23613
					648	Mining	121.11	ppm	3	< LOD	28389
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm			
					650	Soil	120.25	ppm			
					651	Mining	120.74	ppm	3	< LOD	27949
					652	Mining	121.06	ppm	4	< LOD	24254
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm			
					654	Soil	120.07	ppm			
					655	Mining	121.27	ppm	3	< LOD	21947
					656	Mining	120.9	ppm	3	< LOD	27758
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm			
					658	Soil	120.4	ppm			
					659	Mining	121.65	ppm	2	< LOD	22678
					660	Mining	120.68	ppm	< LOD	< LOD	22679
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm			
					662	Soil	120.3	ppm			
					663	Mining	120.11	ppm	2	< LOD	24899
					664	Mining	121.65	ppm	2	< LOD	23698
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm			
					668	Soil	120.06	ppm			
					669	Mining	120.89	ppm	3	< LOD	18372
					670	Mining	121.37	ppm	3	< LOD	17941
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm			
					672	Soil	120.06	ppm			
					673	Mining	120.69	ppm	3	< LOD	32861
					674	Mining	120.25	ppm	3	< LOD	31598
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm			
					676	Soil	120.12	ppm			
					677	Mining	121.28	ppm	2	< LOD	27115

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Y	Bi	Al
					678	Mining	120.09	ppm	2	< LOD	25445
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm			
					680	Soil	120.16	ppm			
					681	Mining	121.18	ppm	3	< LOD	25063
					682	Mining	120.77	ppm	3	< LOD	20244
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm			
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm			
					685	Mining	120.43	ppm	4	< LOD	24065
					686	Mining	120.25	ppm	4	< LOD	28234
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm			
					692	Soil	120.12	ppm			
					693	Mining	120.2	ppm	3	< LOD	21848
					694	Mining	121.26	ppm	3	< LOD	16170
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm			
					696	Soil	120.05	ppm			
					697	Mining	121.76	ppm	5	< LOD	22189
					698	Mining	121.63	ppm	5	< LOD	19530
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm			
					703	Soil	120.14	ppm			
					704	Mining	120.07	ppm	5	< LOD	21388
					705	Mining	121.46	ppm	4	< LOD	20852
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm			
					707	Soil	120.22	ppm			
					708	Mining	120.22	ppm	4	< LOD	15438
					709	Mining	121.03	ppm	4	< LOD	17526
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm			
					711	Soil	120.04	ppm			
					712	Mining	121.83	ppm	4	< LOD	19163
					713	Mining	120.61	ppm	3	< LOD	17278

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Y	Bi	Al
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm			
					717	Soil	120.13	ppm			
					718	Mining	121.63	ppm	3	< LOD	21440
					719	Mining	121.19	ppm	3	< LOD	17666
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm			
					721	Soil	120.11	ppm			
					722	Mining	121.47	ppm	4	< LOD	24534
					723	Mining	120.88	ppm	4	< LOD	23999
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm			
					725	Soil	120	ppm			
					726	Mining	121.8	ppm	3	< LOD	26792
					727	Mining	120.87	ppm	3	< LOD	29480
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm			
					729	Soil	120.32	ppm			
					730	Mining	120.21	ppm	2	< LOD	26122
					731	Mining	120.6	ppm	2	< LOD	31280
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm			
					733	Soil	120.22	ppm			
					734	Mining	121.79	ppm	9	< LOD	22985
					735	Mining	120.38	ppm	8	< LOD	19841
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm			
					739	Soil	120.34	ppm			
					740	Mining	121.23	ppm	3	< LOD	27165
					741	Mining	121.49	ppm	3	< LOD	17755
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm			
					745	Soil	120.35	ppm			
					746	Mining	121.4	ppm	< LOD	< LOD	24160
					747	Mining	120.75	ppm	2	< LOD	23428

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Y	Bi	Al
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm			
					749	Soil	120.1	ppm			
					750	Mining	120.83	ppm	2	< LOD	23912
					751	Mining	121.7	ppm	3	< LOD	27603
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm			
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm			
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	3	< LOD	26911
					755	Mining	120.75	ppm	3	< LOD	22591
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm			
					759	Soil	120.23	ppm			
					760	Mining	121.18	ppm	2	< LOD	25364
					761	Mining	121.55	ppm	3	< LOD	24876
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm			
					765	Soil	120.13	ppm			
					766	Mining	121.32	ppm	4	< LOD	23082
					767	Mining	120.09	ppm	4	< LOD	24851
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm			
					769	Soil	120.04	ppm			
					770	Mining	120.72	ppm	3	< LOD	30083
					771	Mining	121.48	ppm	3	< LOD	29553
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm			
					773	Soil	120.07	ppm			
					774	Mining	120.1	ppm	3	< LOD	19779

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Y	Bi	Al
					775	Mining	121.64	ppm	3	< LOD	25982
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm			
					777	Soil	120.21	ppm			
					778	Mining	121	ppm	3	< LOD	25195
					779	Mining	120.04	ppm	3	< LOD	25123
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm			
					781	Soil	120.29	ppm			
					782	Mining	121.69	ppm	3	< LOD	23160
					783	Mining	120.96	ppm	2	< LOD	24236
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm			
					787	Soil	120.24	ppm			
					788	Mining	120.77	ppm	3	< LOD	26266
					789	Mining	120.39	ppm	2	< LOD	26683
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm			
					791	Soil	120.24	ppm			
					792	Mining	121.59	ppm	3	< LOD	25089
					793	Mining	120.92	ppm	3	< LOD	24571
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm			
					795	Soil	120.12	ppm			
					796	Mining	121.34	ppm	3	< LOD	24638
					797	Mining	120.9	ppm	4	< LOD	22116
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm			
					799	Soil	120.04	ppm			
					800	Mining	120.03	ppm	2	< LOD	28393
					801	Mining	120.01	ppm	2	< LOD	28458
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm			
					803	Soil	120.02	ppm			

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Y	Bi	Al
					804	Mining	120.79	ppm	3	< LOD	19789
					805	Mining	120.18	ppm	2	< LOD	21312
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm			
					810	Soil	120.05	ppm			
					811	Mining	120.21	ppm	3	< LOD	28896
					812	Mining	121.59	ppm	3	< LOD	27433
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm			
					814	Soil	120.32	ppm			
					815	Mining	120.47	ppm	3	< LOD	21520
					816	Mining	121.66	ppm	3	< LOD	25892
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm			
					818	Soil	120.11	ppm			
					819	Mining	121.56	ppm	3	< LOD	35600
					820	Mining	121.37	ppm	3	< LOD	32508
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm			
					822	Soil	120.03	ppm			
					823	Mining	121.32	ppm	3	< LOD	31245
					824	Mining	120.09	ppm	3	< LOD	34742
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm			
					826	Soil	120.05	ppm			
					827	Mining	120.93	ppm	3	< LOD	29494
					828	Mining	121	ppm	3	< LOD	27016
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm			
					832	Soil	120.06	ppm			
					833	Mining	120.78	ppm	3	< LOD	28056
					834	Mining	120	ppm	4	< LOD	32412
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm			
					836	Soil	120.29	ppm			
					837	Mining	120.26	ppm	3	< LOD	20790

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Y	Bi	Al
					838	Mining	121.64	ppm	3	< LOD	26746
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm			
					840	Soil	120.11	ppm			
					841	Mining	121.23	ppm	2	< LOD	26864
					842	Mining	120.09	ppm	2	< LOD	26642
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Y**	**Bi**	**Al**
					665	Soil	120.08	ppm			
					666	Mining	121.09	ppm	< LOD	< LOD	18100
					687	Soil	120.31	ppm			
					688	Mining	120.75	ppm	< LOD	< LOD	< LOD
					714	Soil	120.26	ppm			
					715	Mining	120.62	ppm	< LOD	< LOD	< LOD
					736	Soil	120.17	ppm			
					737	Mining	121.35	ppm	< LOD	< LOD	< LOD
					756	Mining	120.24	ppm	9	16058	< LOD
					757	Mining	120.35	ppm	< LOD	2372	< LOD
					762	Soil	119.49	ppm			
					763	Mining	120.46	ppm	< LOD	< LOD	19070
					784	Soil	120.05	ppm			
					785	Mining	120.24	ppm	< LOD	< LOD	19042
					806	Soil	120.01	ppm			
					807	Mining	120.97	ppm	< LOD	< LOD	< LOD
					829	Soil	120.07	ppm			
					830	Mining	120.72	ppm	< LOD	< LOD	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	P	Si	Cl
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm			
					646	Soil	120.35	ppm			
					647	Mining	121.23	ppm	1499	67021	307809
					648	Mining	121.11	ppm	1581	68466	308395
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm			
					650	Soil	120.25	ppm			
					651	Mining	120.74	ppm	1791	81998	325117
					652	Mining	121.06	ppm	1709	80672	325476
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm			
					654	Soil	120.07	ppm			
					655	Mining	121.27	ppm	2008	66187	321557
					656	Mining	120.9	ppm	1557	66211	322946
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm			
					658	Soil	120.4	ppm			
					659	Mining	121.65	ppm	1570	55675	342524
					660	Mining	120.68	ppm	1192	56756	343024
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm			
					662	Soil	120.3	ppm			
					663	Mining	120.11	ppm	1710	67771	290164
					664	Mining	121.65	ppm	1258	68658	291070
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm			
					668	Soil	120.06	ppm			
					669	Mining	120.89	ppm	1943	54764	336147
					670	Mining	121.37	ppm	1471	54803	335445
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm			
					672	Soil	120.06	ppm			
					673	Mining	120.69	ppm	1484	78555	310026
					674	Mining	120.25	ppm	1633	78976	310150
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm			
					676	Soil	120.12	ppm			
					677	Mining	121.28	ppm	1488	63235	329630

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	P	Si	Cl
					678	Mining	120.09	ppm	1687	62073	330021
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm			
					680	Soil	120.16	ppm			
					681	Mining	121.18	ppm	1968	59114	333088
					682	Mining	120.77	ppm	1623	59065	334549
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm			
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm			
					685	Mining	120.43	ppm	2032	67090	332734
					686	Mining	120.25	ppm	1480	67896	333622
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm			
					692	Soil	120.12	ppm			
					693	Mining	120.2	ppm	1374	55065	351797
					694	Mining	121.26	ppm	1711	54125	353866
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm			
					696	Soil	120.05	ppm			
					697	Mining	121.76	ppm	1920	51850	358083
					698	Mining	121.63	ppm	1924	50511	359879
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm			
					703	Soil	120.14	ppm			
					704	Mining	120.07	ppm	1860	62002	344274
					705	Mining	121.46	ppm	1303	59831	343960
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm			
					707	Soil	120.22	ppm			
					708	Mining	120.22	ppm	2296	57629	370688
					709	Mining	121.03	ppm	1662	57529	370523
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm			
					711	Soil	120.04	ppm			
					712	Mining	121.83	ppm	1725	46297	359289
					713	Mining	120.61	ppm	1817	48314	361495

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	P	Si	Cl
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm			
					717	Soil	120.13	ppm			
					718	Mining	121.63	ppm	2325	43468	359194
					719	Mining	121.19	ppm	1976	43372	361640
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm			
					721	Soil	120.11	ppm			
					722	Mining	121.47	ppm	2353	53860	337972
					723	Mining	120.88	ppm	1902	54364	337872
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm			
					725	Soil	120	ppm			
					726	Mining	121.8	ppm	1563	48928	358888
					727	Mining	120.87	ppm	1534	48926	359289
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm			
					729	Soil	120.32	ppm			
					730	Mining	120.21	ppm	1874	48693	340435
					731	Mining	120.6	ppm	1458	49050	342181
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm			
					733	Soil	120.22	ppm			
					734	Mining	121.79	ppm	1833	43523	367546
					735	Mining	120.38	ppm	1404	42989	367986
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm			
					739	Soil	120.34	ppm			
					740	Mining	121.23	ppm	2034	50443	336770
					741	Mining	121.49	ppm	1787	49637	338730
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm			
					745	Soil	120.35	ppm			
					746	Mining	121.4	ppm	1424	52322	332622
					747	Mining	120.75	ppm	1623	52274	331551

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	P	Si	Cl
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm			
					749	Soil	120.1	ppm			
					750	Mining	120.83	ppm	1756	55811	343242
					751	Mining	121.7	ppm	1538	55878	348173
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm			
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm			
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	2003	48368	335574
					755	Mining	120.75	ppm	1836	48042	336135
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm			
					759	Soil	120.23	ppm			
					760	Mining	121.18	ppm	1604	52024	339177
					761	Mining	121.55	ppm	2137	51521	340981
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm			
					765	Soil	120.13	ppm			
					766	Mining	121.32	ppm	1565	38985	342987
					767	Mining	120.09	ppm	1540	40679	344964
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm			
					769	Soil	120.04	ppm			
					770	Mining	120.72	ppm	1303	53616	346900
					771	Mining	121.48	ppm	1814	53319	347944
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm			
					773	Soil	120.07	ppm			
					774	Mining	120.1	ppm	1875	54591	352737

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	P	Si	Cl
					775	Mining	121.64	ppm	2099	52733	353478
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm			
					777	Soil	120.21	ppm			
					778	Mining	121	ppm	1935	44308	342764
					779	Mining	120.04	ppm	1882	43129	343374
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm			
					781	Soil	120.29	ppm			
					782	Mining	121.69	ppm	2335	45703	348498
					783	Mining	120.96	ppm	1948	47426	349458
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm			
					787	Soil	120.24	ppm			
					788	Mining	120.77	ppm	1973	57177	349817
					789	Mining	120.39	ppm	1233	57266	352408
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm			
					791	Soil	120.24	ppm			
					792	Mining	121.59	ppm	2154	50599	336383
					793	Mining	120.92	ppm	1957	49358	337910
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm			
					795	Soil	120.12	ppm			
					796	Mining	121.34	ppm	1467	54487	336900
					797	Mining	120.9	ppm	1837	56208	337536
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm			
					799	Soil	120.04	ppm			
					800	Mining	120.03	ppm	1946	57945	336412
					801	Mining	120.01	ppm	1584	59327	338603
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm			
					803	Soil	120.02	ppm			

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	P	Si	Cl
					804	Mining	120.79	ppm	1773	53296	342279
					805	Mining	120.18	ppm	2296	53382	344209
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm			
					810	Soil	120.05	ppm			
					811	Mining	120.21	ppm	2061	57519	343119
					812	Mining	121.59	ppm	1875	58657	343695
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm			
					814	Soil	120.32	ppm			
					815	Mining	120.47	ppm	2018	53000	329237
					816	Mining	121.66	ppm	2213	54451	330416
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm			
					818	Soil	120.11	ppm			
					819	Mining	121.56	ppm	1913	57197	335359
					820	Mining	121.37	ppm	1437	58057	335595
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm			
					822	Soil	120.03	ppm			
					823	Mining	121.32	ppm	1558	63879	333811
					824	Mining	120.09	ppm	1822	64746	332377
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm			
					826	Soil	120.05	ppm			
					827	Mining	120.93	ppm	1994	51667	359519
					828	Mining	121	ppm	2090	50404	357736
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm			
					832	Soil	120.06	ppm			
					833	Mining	120.78	ppm	2019	51291	359427
					834	Mining	120	ppm	2433	51148	358801
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm			
					836	Soil	120.29	ppm			
					837	Mining	120.26	ppm	1852	45777	346350

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	P	Si	Cl
					838	Mining	121.64	ppm	2374	44334	345959
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm			
					840	Soil	120.11	ppm			
					841	Mining	121.23	ppm	2226	54390	342379
					842	Mining	120.09	ppm	2143	56046	343953
					STANDARDS	Every 5 samples	**Duration**	**Units**	**P**	**Si**	**Cl**
					665	Soil	120.08	ppm			
					666	Mining	121.09	ppm	1810	59628	470089
					687	Soil	120.31	ppm			
					688	Mining	120.75	ppm	< LOD	56658	480136
					714	Soil	120.26	ppm			
					715	Mining	120.62	ppm	< LOD	58012	499802
					736	Soil	120.17	ppm			
					737	Mining	121.35	ppm	2279	59747	487186
					756	Mining	120.24	ppm	< LOD	< LOD	711070
					757	Mining	120.35	ppm	2906	< LOD	756287
					762	Soil	119.49	ppm			
					763	Mining	120.46	ppm	2687	57937	479277
					784	Soil	120.05	ppm			
					785	Mining	120.24	ppm	1941	52409	514849
					806	Soil	120.01	ppm			
					807	Mining	120.97	ppm	2220	56987	503010
					829	Soil	120.07	ppm			
					830	Mining	120.72	ppm	2025	61661	489350

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Mg
Sim01	10 U 614523 5857697	1322 m	Soil sample bagged	Sim01	645	Soil	120.2	ppm	
					646	Soil	120.35	ppm	
					647	Mining	121.23	ppm	< LOD
					648	Mining	121.11	ppm	< LOD
Sim05	10 U 614534 5857753	1323 m	Soil sample bagged	Sim05	649	Soil	120.2	ppm	
					650	Soil	120.25	ppm	
					651	Mining	120.74	ppm	< LOD
					652	Mining	121.06	ppm	< LOD
Sim07	10 U 614524 5857783	1321 m	Soil sample bagged	Sim07	653	Soil	120.2	ppm	
					654	Soil	120.07	ppm	
					655	Mining	121.27	ppm	< LOD
					656	Mining	120.9	ppm	< LOD
Sim10	10 U 614533 5857818	1322 m	Stream Sample	Sim10SS	657	Soil	120.03	ppm	
					658	Soil	120.4	ppm	
					659	Mining	121.65	ppm	< LOD
					660	Mining	120.68	ppm	< LOD
Sim16	10 U 614538 5857881	1309 m	Stream Sample	Sim16SS	661	Soil	120.23	ppm	
					662	Soil	120.3	ppm	
					663	Mining	120.11	ppm	< LOD
					664	Mining	121.65	ppm	< LOD
Sim19	10 U 614516 5857902	1302 m	Soil sample bagged	Sim19	667	Soil	120.1	ppm	
					668	Soil	120.06	ppm	
					669	Mining	120.89	ppm	< LOD
					670	Mining	121.37	ppm	< LOD
Sim27	10 U 614433 5857920	1294 m	Soil sample bagged	Sim27	671	Soil	120.37	ppm	
					672	Soil	120.06	ppm	
					673	Mining	120.69	ppm	< LOD
					674	Mining	120.25	ppm	< LOD
Sim31	10 U 614391 5857918	1286 m	Soil sample bagged	Sim31	675	Soil	120.14	ppm	
					676	Soil	120.12	ppm	
					677	Mining	121.28	ppm	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Mg
					678	Mining	120.09	ppm	< LOD
Sim36	10 U 614340 5857923	1290 m	Soil sample bagged	Sim36	679	Soil	120.2	ppm	
					680	Soil	120.16	ppm	
					681	Mining	121.18	ppm	< LOD
					682	Mining	120.77	ppm	< LOD
Sim42	10 U 614289 5857954	1296 m	Soil sample bagged between 43-42	Sim43-42	683	Soil	120.05	ppm	
Sim43	10 U 614283 5857961	1294 m	Soil sample bagged between 43-42	Sim43-42	684	Soil	120.05	ppm	
					685	Mining	120.43	ppm	< LOD
					686	Mining	120.25	ppm	< LOD
Sim53	10 U 614218 5858036	1277 m	Soil sample bagged	Sim53	691	Soil	120.06	ppm	
					692	Soil	120.12	ppm	
					693	Mining	120.2	ppm	< LOD
					694	Mining	121.26	ppm	< LOD
Sim65	10 U 614178 5858142	1272 m	Soil sample bagged	Sim65	695	Soil	120.36	ppm	
					696	Soil	120.05	ppm	
					697	Mining	121.76	ppm	< LOD
					698	Mining	121.63	ppm	< LOD
Sim70	10 U 614176 5858189	1285 m	Soil sample bagged	Sim70	702	Soil	120.2	ppm	
					703	Soil	120.14	ppm	
					704	Mining	120.07	ppm	< LOD
					705	Mining	121.46	ppm	< LOD
Sim75	10 U 614192 5858233	1296 m	Soil sample bagged	Sim75	706	Soil	120.19	ppm	
					707	Soil	120.22	ppm	
					708	Mining	120.22	ppm	< LOD
					709	Mining	121.03	ppm	< LOD
Sim80	10 U 614190 5858277	1294 m	Soil sample bagged	Sim80	710	Soil	120.09	ppm	
					711	Soil	120.04	ppm	
					712	Mining	121.83	ppm	< LOD
					713	Mining	120.61	ppm	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Mg
Sim83CB	10 U 613825 5858315	1188 m	Soil sample bagged	Sim83CB	716	Soil	120.19	ppm	
					717	Soil	120.13	ppm	
					718	Mining	121.63	ppm	< LOD
					719	Mining	121.19	ppm	< LOD
Sim85	10 U 613830 5858291	1185 m	Soil sample bagged	Sim85	720	Soil	120.08	ppm	
					721	Soil	120.11	ppm	
					722	Mining	121.47	ppm	< LOD
					723	Mining	120.88	ppm	< LOD
Sim90	10 U 613830 5858237	Manually E	Soil sample bagged	Sim90	724	Soil	120.12	ppm	
					725	Soil	120	ppm	
					726	Mining	121.8	ppm	< LOD
					727	Mining	120.87	ppm	< LOD
SimQvein (Sim 91)	10 U 614928 5857488	1486 m	Outcrop: colluvial soils bagged below outcrop	Sim91S	728	Soil	120.22	ppm	
					729	Soil	120.32	ppm	
					730	Mining	120.21	ppm	< LOD
					731	Mining	120.6	ppm	< LOD
Sim92	10 U 614949 5857458	1490 m	Soil sample bagged	Sim92	732	Soil	120.41	ppm	
					733	Soil	120.22	ppm	
					734	Mining	121.79	ppm	< LOD
					735	Mining	120.38	ppm	< LOD
Sim95	10 U 614940 5857485	1496 m	Soil sample bagged	Sim95	738	Soil	120.3	ppm	
					739	Soil	120.34	ppm	
					740	Mining	121.23	ppm	< LOD
					741	Mining	121.49	ppm	< LOD
Sim100	10 U 614916 5857520	1495 m	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	744	Soil	120.28	ppm	
					745	Soil	120.35	ppm	
					746	Mining	121.4	ppm	< LOD
					747	Mining	120.75	ppm	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Mg
Sim104	10 U 614845 5857547	1470 m	Sim104 = 0+75N, 0+75W = previous 1737ppb Au soils anomaly	Sim104	748	Soil	120.07	ppm	
					749	Soil	120.1	ppm	
					750	Mining	120.83	ppm	< LOD
					751	Mining	121.7	ppm	< LOD
Sim105	10 U 614827 5857550	1466 m	**Sim105-Sim109 = 10m spacings West from Sim104**	Sim105	752	Soil	120.04	ppm	
			Followed old-grid lines N-E-S-W from anomalous value		753	Soil	120.27	ppm	
			10m spacing on anomalous soils of High-Grid in NW corner		754	Mining	121.68	ppm	< LOD
					755	Mining	120.75	ppm	< LOD
Sim106	10 U 614821 5857549	1463 m		Sim106	758	Soil	120.11	ppm	
					759	Soil	120.23	ppm	
					760	Mining	121.18	ppm	< LOD
					761	Mining	121.55	ppm	< LOD
Sim107	10 U 614811 5857545	1460 m		Sim107	764	Soil	120.23	ppm	
					765	Soil	120.13	ppm	
					766	Mining	121.32	ppm	< LOD
					767	Mining	120.09	ppm	< LOD
Sim108	10 U 614802 5857547	1456 m		Sim108	768	Soil	120.35	ppm	
					769	Soil	120.04	ppm	
					770	Mining	120.72	ppm	< LOD
					771	Mining	121.48	ppm	< LOD
Sim109	10 U 614790 5857546	1455 m		Sim109	772	Soil	120.27	ppm	
					773	Soil	120.07	ppm	
					774	Mining	120.1	ppm	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Mg
					775	Mining	121.64	ppm	< LOD
Sim110	10 U 614836 5857558	1477 m	**Sim110-Sim114 = 10m spacings North from Sim104**	Sim110	776	Soil	120.26	ppm	
					777	Soil	120.21	ppm	
					778	Mining	121	ppm	< LOD
					779	Mining	120.04	ppm	< LOD
Sim111	10 U 614837 5857569	1477 m		Sim111	780	Soil	120.27	ppm	
					781	Soil	120.29	ppm	
					782	Mining	121.69	ppm	< LOD
					783	Mining	120.96	ppm	< LOD
Sim112	10 U 614837 5857581	1478 m		Sim112	786	Soil	120.25	ppm	
					787	Soil	120.24	ppm	
					788	Mining	120.77	ppm	< LOD
					789	Mining	120.39	ppm	< LOD
Sim113	10 U 614832 5857594	1480 m		Sim113	790	Soil	120.06	ppm	
					791	Soil	120.24	ppm	
					792	Mining	121.59	ppm	< LOD
					793	Mining	120.92	ppm	< LOD
Sim114	10 U 614833 5857590	1481 m		Sim114	794	Soil	120.02	ppm	
					795	Soil	120.12	ppm	
					796	Mining	121.34	ppm	< LOD
					797	Mining	120.9	ppm	< LOD
Sim115	10 U 614839 5857539	1477 m	**Sim115-Sim119 = 10m spacings South from Sim104**	Sim115	798	Soil	120.34	ppm	
					799	Soil	120.04	ppm	
					800	Mining	120.03	ppm	< LOD
					801	Mining	120.01	ppm	< LOD
Sim116	10 U 614844 5857527	1473 m		Sim116	802	Soil	120.25	ppm	
					803	Soil	120.02	ppm	

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Mg
					804	Mining	120.79	ppm	< LOD
					805	Mining	120.18	ppm	< LOD
Sim117	10 U 614836 5857511	1469 m		Sim117	809	Soil	120.12	ppm	
					810	Soil	120.05	ppm	
					811	Mining	120.21	ppm	< LOD
					812	Mining	121.59	ppm	< LOD
Sim118	10 U 614845 5857508	1470 m		Sim118	813	Soil	120.19	ppm	
					814	Soil	120.32	ppm	
					815	Mining	120.47	ppm	< LOD
					816	Mining	121.66	ppm	< LOD
Sim119	10 U 614851 5857503	1469 m		Sim119	817	Soil	120.1	ppm	
					818	Soil	120.11	ppm	
					819	Mining	121.56	ppm	< LOD
					820	Mining	121.37	ppm	< LOD
Sim 120	10 U 614855 5857547	Manually E	**Sim120-Sim124 = 10m spacings East from Sim104**	Sim120	821	Soil	120.28	ppm	
					822	Soil	120.03	ppm	
					823	Mining	121.32	ppm	< LOD
					824	Mining	120.09	ppm	< LOD
Sim121	10 U 614863 5857552	1482 m		Sim121	825	Soil	120.31	ppm	
					826	Soil	120.05	ppm	
					827	Mining	120.93	ppm	< LOD
					828	Mining	121	ppm	< LOD
Sim122	10 U 614867 5857558	1482 m		Sim122	831	Soil	120.23	ppm	
					832	Soil	120.06	ppm	
					833	Mining	120.78	ppm	< LOD
					834	Mining	120	ppm	< LOD
Sim123	10 U 614874 5857550	1485 m		Sim123	835	Soil	120.25	ppm	
					836	Soil	120.29	ppm	
					837	Mining	120.26	ppm	< LOD

XRF Data for Collected Simlock Soils

GPS Name	Position	Altitude	Notes	Sample	XRF #:	Type	Duration	Units	Mg
					838	Mining	121.64	ppm	< LOD
Sim124	10 U 614887 5857547	1489 m		Sim124	839	Soil	120.05	ppm	
					840	Soil	120.11	ppm	
					841	Mining	121.23	ppm	< LOD
					842	Mining	120.09	ppm	< LOD
					STANDARDS	Every 5 samples	**Duration**	**Units**	**Mg**
					665	Soil	120.08	ppm	
					666	Mining	121.09	ppm	< LOD
					687	Soil	120.31	ppm	
					688	Mining	120.75	ppm	< LOD
					714	Soil	120.26	ppm	
					715	Mining	120.62	ppm	< LOD
					736	Soil	120.17	ppm	
					737	Mining	121.35	ppm	< LOD
					756	Mining	120.24	ppm	< LOD
					757	Mining	120.35	ppm	< LOD
					762	Soil	119.49	ppm	
					763	Mining	120.46	ppm	< LOD
					784	Soil	120.05	ppm	
					785	Mining	120.24	ppm	125365
					806	Soil	120.01	ppm	
					807	Mining	120.97	ppm	< LOD
					829	Soil	120.07	ppm	
					830	Mining	120.72	ppm	< LOD

APPENDIX D

2012 Simlock - In-situ Soils Program – XRF/GPS Data

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Sb	Sn	Cd	Ag	Mo	Nb	Th
Sim01	10 U 614523 5857697	Soil sample bagged	Sim01	Soil	ppm	2.5	4.08	-2.11	5.35	0.3		16.05
Sim01	10 U 614523 5857697			**TestAll Geo**	ppm	0	0	0	26.91	0	10.31	12.05
Sim02	10 U 614526 5857717			**TestAll Geo**	ppm	0	0	0	0	1.48	13.64	16
Sim03	10 U 614532 5857728			Soil	ppm					-0.94		11.39
Sim04	10 U 614527 5857735		Sim04	Soil	ppm					-0.43		17.64
Sim05	10 U 614534 5857753	Soil sample bagged		Soil	ppm					-0.81		15.05
Sim06	10 U 614537 5857767			Soil	ppm	43.58	34.01	-47.22	517.94	0.56		12.69
Sim07	10 U 614524 5857783	Soil sample bagged	Sim07	Soil	ppm					-2.18		9.66
Sim08	10 U 614530 5857803			Soil	ppm					0.54		14.77
Sim09	10 U 614528 5857811			Soil	ppm					0.01		9.2
Sim10	10 U 614533 5857818	Stream Sample; No XRF	Sim10SS									
Sim11	10 U 614534 5857825	Soil is damp/moist		Soil	ppm					0.82		11.78
Sim12	10 U 614537 5857836			Soil	ppm					3.56		15.37
Sim13	10 U 614536 5857850	Soil is damp/moist		Soil	ppm					-0.51		17.51
Sim14	10 U 614536 5857863	Soil is damp/moist		Soil	ppm					2.67		12.46
Sim15	10 U 614536 5857871	Soil is damp/moist		Soil	ppm					1.68		8.87
Sim16	10 U 614538 5857881	Stream Sample; No XRF	Sim16SS									
Sim17	10 U 614541 5857883	Soil is damp/moist		Soil	ppm					1.45		8.8
Sim18	10 U 614532 5857886			Soil	ppm					0.37		10.46
Sim19	10 U 614516 5857902	Soil sample bagged		Soil	ppm					3.21		11.98
Sim20	10 U 614518 5857906			Soil	ppm					-1.92		18.09
Sim21	10 U 614516 5857915			Soil	ppm					0.5		10.01
Sim23	10 U 614461 5857917	TestAll Geo for comparison		**TestAll Geo**	ppm	0	0	0	0	0	9.61	11.14
Sim23	10 U 614461 5857917			Soil	ppm					1.04		12.34
Sim24	10 U 614458 5857923			Soil	ppm					0.06		14.43
Sim25	10 U 614448 5857931	Omit XRF#457 (accidental trigger release)		Soil	ppm					3.07		15.38
Sim26	10 U 614442 5857924			Soil	ppm					4.19		9.51
Sim27	10 U 614433 5857920	Soil sample bagged	Sim27	Soil	ppm					0.07		15.64
Sim28	10 U 614431 5857914	Omit XRF#461		Soil	ppm					-0.76		13.78
Sim29	10 U 614410 5857924			Soil	ppm					-0.29		10.51
Sim30	10 U 614403 5857919			Soil	ppm					2.46		10.64

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Sb	Sn	Cd	Ag	Mo	Nb	Th
Sim31	10 U 614391 5857918	Soil sample bagged	Sim31	Soil	ppm					3.03		17.29
Sim32	10 U 614385 5857916			Soil	ppm					1.56		11.22
Sim33	10 U 614370 5857916			Soil	ppm					4.9		14.65
Sim34	10 U 614363 5857918			Soil	ppm					4.45		10.11
Sim35	10 U 614351 5857921			Soil	ppm					-0.13		17.2
Sim36	10 U 614340 5857923	Soil sample bagged	Sim36	Soil	ppm					2.75		10.65
Sim37	10 U 614334 5857932			Soil	ppm					-0.87		26.53
Sim38	10 U 614319 5857929			Soil	ppm					-0.97		13.62
Sim39	10 U 614315 5857936			Soil	ppm					1.56		13.45
Sim40	10 U 614306 5857943			Soil	ppm					-1.75		13.12
Sim41	10 U 614296 5857949			Soil	ppm					-1.64		12.39
Sim42	10 U 614289 5857954			Soil	ppm					-0.09		10.87
Sim43	10 U 614283 5857961	Soil sample bagged between 43-42	Sim43-42	Soil	ppm					0.61		17.1
Sim44	10 U 614274 5857962			Soil	ppm					2.01		10.75
Sim45	10 U 614271 5857966			Soil	ppm					2.65		13.35
Sim46	10 U 614260 5857973			Soil	ppm					1.36		6.11
Sim47	10 U 614257 5857987			Soil	ppm					-0.09		15.57
Sim48	10 U 614245 5857995			Soil	ppm					5.07		10.66
Sim48	10 U 614245 5857995			Soil	ppm					0.79		14.07
Sim49	10 U 614243 5858001			Soil	ppm					2.04		7.31
Sim50	10 U 614237 5858006			Soil	ppm					2.77		14.32
Sim51	10 U 614226 5858012	GPS point not saved in device but written down		Soil	ppm					-0.19		10.62
Sim52	10 U 614222 5858022			Soil	ppm					3.26		8.73
Sim53	10 U 614218 5858036	Soil sample bagged	Sim53	Soil	ppm					1.38		12.79
Sim54	10 U 614215 5858040			Soil	ppm					-0.17		12.11
Sim55	10 U 614210 5858049			Soil	ppm					2.82		9.77
Sim56	10 U 614199 5858053			Soil	ppm					-0.54		15.77
Sim57	10 U 614204 5858070			Soil	ppm					1.59		12.4
Sim58	10 U 614191 5858064			Soil	ppm					1.35		11.55
Sim59	10 U 614195 5858087			Soil	ppm					0.4		9.44
Sim60	10 U 614195 5858100			Soil	ppm					0.65		10.65

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Sb	Sn	Cd	Ag	Mo	Nb	Th
Sim61	10 U 614199 5858094			Soil	ppm					0.81		12.6
Sim62	10 U 614184 5858113			Soil	ppm					2.2		10.62
Sim63	10 U 614177 5858122	TestAll Geo for comparison		**TestAll Geo**	ppm	0	0	0	0	0	6.05	13.13
Sim63	10 U 614177 5858122			Soil	ppm					0.02		10.71
Sim64	10 U 614183 5858129			Soil	ppm					-1.54		12.48
Sim65	10 U 614178 5858142	TestAll Geo for comparison		**TestAll Geo**	ppm	0	0	0	0	0	5.4	0
Sim65	10 U 614178 5858142	Soil sample bagged	Sim63	Soil	ppm					0.5		9.58
Sim66	10 U 614177 5858153			Soil	ppm					2.3		11.22
Sim67	10 U 614178 5858163			Soil	ppm					-0.38		10.87
Sim68	10 U 614168 5858172			Soil	ppm					2.93		10.67
Sim69	10 U 614173 5858180			Soil	ppm					-0.26		9.38
Sim70	10 U 614176 5858189	TestAll Geo for comparison		**TestAll Geo**	ppm	0	0	0	0	0	5.07	4.56
Sim70	10 U 614176 5858189	Soil sample bagged	Sim70	Soil	ppm					-2.85		5.56
Sim71	10 U 614182 5858200			Soil	ppm					2.08		14.37
Sim72	10 U 614185 5858198			Soil	ppm					1.86		10.47
Sim73	10 U 614190 5858217			Soil	ppm					-2.3		13.09
Sim74	10 U 614188 5858221			Soil	ppm					3.78		8.96
Sim75	10 U 614192 5858233	TestAll Geo for comparison		**TestAll Geo**	ppm	0	0	0	0	0	9.59	17.64
Sim75	10 U 614192 5858233	Soil sample bagged	Sim75	Soil	ppm					-0.52		10.77
Sim76	10 U 614195 5858243			Soil	ppm					2.94		7.9
Sim77	10 U 614198 5858251			Soil	ppm					-0.78		9.57
Sim78	10 U 614192 5858260	Omit XRF#522 accidental trigger release		Soil	ppm					-1.63		9.12
Sim79	10 U 614189 5858273			Soil	ppm					-1.36		9.9
Sim80	10 U 614190 5858277	TestAll Geo for comparison		**TestAll Geo**	ppm	0	0	0	0	0	8.36	12.61
Sim80	10 U 614190 5858277	Soil sample bagged	Sim80	Soil	ppm					-1.87		11.07
Sim81	10 U 614187 5858290			Soil	ppm					1.94		14.55
Sim82	10 U 614185 5858301			Soil	ppm					3.86		12.49
Sim83CB	10 U 613825 5858315	TestAll Geo for comparison, soil sample bagged	Sim83CB	**TestAll Geo**	ppm	0	0	0	0	0	12.27	9.71
Sim83CB	10 U 613825 5858315	At approx. Claim boundary with N.Eastern Bullseye		Soil	ppm					2.57		8.48

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Sb	Sn	Cd	Ag	Mo	Nb	Th
Sim84	10 U 613828 5858306			Soil	ppm					-0.11		16.43
Sim85	10 U 613830 5858291	Soil sample bagged	Sim85	Soil	ppm					3.97		13.02
Sim85	10 U 613830 5858291	TestAll Geo for comparison		**TestAll Geo**	ppm	0	0	0	0	0	11.95	9.18
Sim86	10 U 613832 5858281			Soil	ppm					-0.86		11.68
Sim87	10 U 613833 5858271	Omit XRF#539 accidental trigger release		Soil	ppm					1.73		8.13
Sim88	10 U 613835 5858259			Soil	ppm					3.29		13.11
Sim89	10 U 613833 5858250			Soil	ppm					1.28		12.92
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm	0	0	0	0	2.54	7.42	15.38
Sim90	10 U 613830 5858237	Soil sample bagged	Sim90	Soil	ppm					1.19		10.85
Sim92	10 U 614949 5857458		Sim92	TestAll Geo	ppm	0	0	0	72.43	0	10.87	15.11
Sim93	10 U 614943 5857468			TestAll Geo	ppm	0	0	0	30.97	0	8.65	8.32
Sim94	10 U 614946 5857472			TestAll Geo	ppm	40.29	0	0	49.37	1.89	9.57	18.07
Sim95	10 U 614940 5857485		Sim95	TestAll Geo	ppm	0	10.23	0	0	0	12.33	19.29
Sim96	10 U 614935 5857491			TestAll Geo	ppm	0	0	0	43.22	2.19	11.1	13.93
Sim97	10 U 614931 5857495			TestAll Geo	ppm	0	0	0	59.7	0	14.61	17.93
Sim98	10 U 614930 5857508			TestAll Geo	ppm	0	0	0	40.55	0	6.02	11.95
Sim99	10 U 614921 5857517			TestAll Geo	ppm	2.83	0	0	53.03	0	12.26	18.39
Sim100	10 U 614916 5857520	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	TestAll Geo	ppm	9.7	19.61	1.21	0	0	8.54	14.1
Sim101	10 U 614912 5857535			TestAll Geo	ppm	0	0	0	0	0	9.25	16.35
Sim102	10 U 614908 5857538			TestAll Geo	ppm	13.58	0	0	28.56	0	10.81	17.27
Sim103	10 U 614903 5857549			TestAll Geo	ppm	0	0	0	0	1.25	7.72	12.29

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Zr	Y	Sr	U	Rb	Bi	Au
Sim01	10 U 614523 5857697	Soil sample bagged	Sim01	Soil	ppm	198.46		70.11	4.77	84.97		-3.48
Sim01	10 U 614523 5857697			**TestAll Geo**	ppm	156.97	2.4	66.61	0	37.5	0	0
Sim02	10 U 614526 5857717			**TestAll Geo**	ppm	144.22	2.03	53.85	4.43	48.34	0	0
Sim03	10 U 614532 5857728			Soil	ppm	212.79		49.23	5.33	71.11		5.74
Sim04	10 U 614527 5857735		Sim04	Soil	ppm	217.08		60.33	4.82	91.37		-6.47
Sim05	10 U 614534 5857753	Soil sample bagged		Soil	ppm	234.25		60.32	8.58	79.73		0.95
Sim06	10 U 614537 5857767			Soil	ppm	184.84		52.94	6.97	65.26		-0.14
Sim07	10 U 614524 5857783	Soil sample bagged	Sim07	Soil	ppm	227.82		54.28	5.06	69.08		11.87
Sim08	10 U 614530 5857803			Soil	ppm	246.5		66.9	4.71	69.03		1.99
Sim09	10 U 614528 5857811			Soil	ppm	169.02		52.49	5.88	86.26		6.94
Sim10	10 U 614533 5857818	Stream Sample; No XRF	Sim10SS									
Sim11	10 U 614534 5857825	Soil is damp/moist		Soil	ppm	158.92		44.07	8.08	79.29		3.38
Sim12	10 U 614537 5857836			Soil	ppm	191.12		55.66	5.26	89.28		-0.94
Sim13	10 U 614536 5857850	Soil is damp/moist		Soil	ppm	214.9		73.8	7.75	98.67		6.9
Sim14	10 U 614536 5857863	Soil is damp/moist		Soil	ppm	202.7		56.76	12.31	78.56		1.51
Sim15	10 U 614536 5857871	Soil is damp/moist		Soil	ppm	146.03		45.44	9.93	63.18		2.39
Sim16	10 U 614538 5857881	Stream Sample; No XRF	Sim16SS									
Sim17	10 U 614541 5857883	Soil is damp/moist		Soil	ppm	167.32		50.8	5.7	66.95		2.66
Sim18	10 U 614532 5857886			Soil	ppm	183.08		57.02	6.04	76.06		5.2
Sim19	10 U 614516 5857902	Soil sample bagged		Soil	ppm	231.53		68.49	10.57	95.35		3.27
Sim20	10 U 614518 5857906			Soil	ppm	298.85		77.55	4.55	89.46		1.06
Sim21	10 U 614516 5857915			Soil	ppm	141.85		57.64	4.52	72.6		5.18
Sim23	10 U 614461 5857917	TestAll Geo for comparison		**TestAll Geo**	ppm	135.73	2.86	27.8	6.07	71.97	3.97	0
Sim23	10 U 614461 5857917			Soil	ppm	157.66		35.87	8.75	129.33		-3.06
Sim24	10 U 614458 5857923			Soil	ppm	188.62		46.59	4.9	89.34		-3.22
Sim25	10 U 614448 5857931	Omit XRF#457 (accidental trigger release)		Soil	ppm	175.71		48.93	8.18	91.19		2.73
Sim26	10 U 614442 5857924			Soil	ppm	173.39		42.48	6.33	55.26		-4.35
Sim27	10 U 614433 5857920	Soil sample bagged	Sim27	Soil	ppm	179.34		40.23	6.85	64.39		-2.48
Sim28	10 U 614431 5857914	Omit XRF#461		Soil	ppm	164.29		40.05	7.35	68.89		2.85
Sim29	10 U 614410 5857924			Soil	ppm	139.22		41.94	6.97	68.09		0.24
Sim30	10 U 614403 5857919			Soil	ppm	212.82		46.34	4.62	86.07		-5.28

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Zr	Y	Sr	U	Rb	Bi	Au
Sim31	10 U 614391 5857918	Soil sample bagged	Sim31	Soil	ppm	195.58		44.72	5.73	85.51		5.52
Sim32	10 U 614385 5857916			Soil	ppm	193.58		34.27	4.73	61.91		-1.36
Sim33	10 U 614370 5857916			Soil	ppm	206.75		50.07	7.62	89.53		3.35
Sim34	10 U 614363 5857918			Soil	ppm	167.38		37.26	4.52	81.87		-0.25
Sim35	10 U 614351 5857921			Soil	ppm	194.55		73.82	6.27	84.5		2.34
Sim36	10 U 614340 5857923	Soil sample bagged	Sim36	Soil	ppm	178.81		99.2	6.91	81.2		2.77
Sim37	10 U 614334 5857932			Soil	ppm	217.41		151.45	6.23	75.2		3.32
Sim38	10 U 614319 5857929			Soil	ppm	202.54		100.45	4.01	108.08		4.39
Sim39	10 U 614315 5857936			Soil	ppm	208.44		103.42	2.45	75.36		3.19
Sim40	10 U 614306 5857943			Soil	ppm	180.43		106.5	7.13	65.59		7.23
Sim41	10 U 614296 5857949			Soil	ppm	168.72		76.28	3.26	68.8		5.22
Sim42	10 U 614289 5857954			Soil	ppm	138.51		123.8	5.96	63.81		0.82
Sim43	10 U 614283 5857961	Soil sample bagged between 43-42	Sim43-42	Soil	ppm	190.22		60.85	6.86	73.54		2.72
Sim44	10 U 614274 5857962			Soil	ppm	144.36		37.44	4.83	69.8		2.68
Sim45	10 U 614271 5857966			Soil	ppm	181.07		39.13	5.58	75.57		3.51
Sim46	10 U 614260 5857973			Soil	ppm	116.88		40.9	3.54	64.91		-0.84
Sim47	10 U 614257 5857987			Soil	ppm	216.63		98.94	5.76	56.4		-1.89
Sim48	10 U 614245 5857995			Soil	ppm	141.2		218.15	1.72	45.36		4.99
Sim48	10 U 614245 5857995			Soil	ppm	184.91		75.22	6.89	60.83		-2.65
Sim49	10 U 614243 5858001			Soil	ppm	87.49		31.48	2.65	51.03		2.61
Sim50	10 U 614237 5858006			Soil	ppm	221.08		50.85	5.23	92.23		2.69
Sim51	10 U 614226 5858012	GPS point not saved in device but written down		Soil	ppm	186.73		69.53	4.01	60.12		1.17
Sim52	10 U 614222 5858022			Soil	ppm	134.3		59.45	2.8	43.76		2.82
Sim53	10 U 614218 5858036	Soil sample bagged	Sim53	Soil	ppm	162.12		75.03	9.57	59.69		1.06
Sim54	10 U 614215 5858040			Soil	ppm	151.87		43.99	2.71	84.86		6.58
Sim55	10 U 614210 5858049			Soil	ppm	141.6		38.85	8.63	94.29		1.97
Sim56	10 U 614199 5858053			Soil	ppm	278.03		44.3	3.64	104.83		9.02
Sim57	10 U 614204 5858070			Soil	ppm	191.65		51.82	5.31	79.75		-3.68
Sim58	10 U 614191 5858064			Soil	ppm	177.83		37.4	8.01	98.44		-0.15
Sim59	10 U 614195 5858087			Soil	ppm	172.83		50.01	5.06	78.29		-5.8
Sim60	10 U 614195 5858100			Soil	ppm	149.8		41.53	8.33	74.82		1.01

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Zr	Y	Sr	U	Rb	Bi	Au
Sim61	10 U 614199 5858094			Soil	ppm	199.79		40.25	2.09	46.56		2.04
Sim62	10 U 614184 5858113			Soil	ppm	189.03		65.63	5.12	38.14		6.98
Sim63	10 U 614177 5858122	TestAll Geo for comparison		**TestAll Geo**	ppm	122.45	2.24	33.53	4.05	27.81	0	0
Sim63	10 U 614177 5858122			Soil	ppm	215.51		47.26	4.48	66.71		0.29
Sim64	10 U 614183 5858129			Soil	ppm	168.87		53.65	4.82	60.99		-0.21
Sim65	10 U 614178 5858142	TestAll Geo for comparison		**TestAll Geo**	ppm	116.28	2.11	28.3	1.7	21.97	5.51	0
Sim65	10 U 614178 5858142	Soil sample bagged	Sim63	Soil	ppm	132.98		38.44	2.11	42.7		2.68
Sim66	10 U 614177 5858153			Soil	ppm	151.26		53.05	4.23	47.4		-1.66
Sim67	10 U 614178 5858163			Soil	ppm	164.2		47.74	2.43	61.28		0.89
Sim68	10 U 614168 5858172			Soil	ppm	107.85		28.99	-0.59	45.18		-0.67
Sim69	10 U 614173 5858180			Soil	ppm	185.22		51.35	1.98	68.31		-2.32
Sim70	10 U 614176 5858189	TestAll Geo for comparison		**TestAll Geo**	ppm	127.77	1.76	30.17	0	27.56	0	0
Sim70	10 U 614176 5858189	Soil sample bagged	Sim70	Soil	ppm	145.42		43.1	2.86	53.74		-4.73
Sim71	10 U 614182 5858200			Soil	ppm	230.69		43.13	6.26	78.59		-1.06
Sim72	10 U 614185 5858198			Soil	ppm	213.05		57.12	2.14	52.81		2.63
Sim73	10 U 614190 5858217			Soil	ppm	249.04		54.85	7.34	49.01		3.57
Sim74	10 U 614188 5858221			Soil	ppm	240.07		41.33	2.12	69.87		-0.12
Sim75	10 U 614192 5858233	TestAll Geo for comparison		**TestAll Geo**	ppm	170.85	2.25	27.06	0	24.75	0	0
Sim75	10 U 614192 5858233	Soil sample bagged	Sim75	Soil	ppm	202.97		37.37	5.61	48.04		1.63
Sim76	10 U 614195 5858243			Soil	ppm	133.26		46.28	7.18	62.31		3.23
Sim77	10 U 614198 5858251			Soil	ppm	142.05		38.27	4.08	51.78		0.97
Sim78	10 U 614192 5858260	Omit XRF#522 accidental trigger release		Soil	ppm	114.01		27.43	8.2	40.82		-1.01
Sim79	10 U 614189 5858273			Soil	ppm	180.73		49.56	6.38	55.64		-2.83
Sim80	10 U 614190 5858277	TestAll Geo for comparison		**TestAll Geo**	ppm	133.62	2.55	47.8	0	42.18	0	0
Sim80	10 U 614190 5858277	Soil sample bagged	Sim80	Soil	ppm	164.99		64.04	9.52	81.91		1.8
Sim81	10 U 614187 5858290			Soil	ppm	152.02		47.38	2.54	61.95		1.49
Sim82	10 U 614185 5858301			Soil	ppm	182.1		45.7	5.2	54.51		3.05
Sim83CB	10 U 613825 5858315	TestAll Geo for comparison, soil sample bagged	Sim83CB	**TestAll Geo**	ppm	111.51	2.78	104.28	5.37	33	0	0
Sim83CB	10 U 613825 5858315	At approx. Claim boundary with N.Eastern Bullseye		Soil	ppm	131.29		136.41	3.26	65.68		5.1

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Zr	Y	Sr	U	Rb	Bi	Au
Sim84	10 U 613828 5858306			Soil	ppm	175.93		135.52	0.99	80.44		1.18
Sim85	10 U 613830 5858291	Soil sample bagged	Sim85	Soil	ppm	121.07		154.04	3.06	60.56		2.17
Sim85	10 U 613830 5858291	TestAll Geo for comparison		**TestAll Geo**	ppm	108.45	2.16	121.99	2.49	33.34	0	0
Sim86	10 U 613832 5858281			Soil	ppm	146.33		126.11	13.23	62.29		2.08
Sim87	10 U 613833 5858271	Omit XRF#539 accidental trigger release		Soil	ppm	118.31		120.16	6.14	52.67		1.29
Sim88	10 U 613835 5858259			Soil	ppm	167.19		156.28	1.58	62.22		0.21
Sim89	10 U 613833 5858250			Soil	ppm	155.08		252.24	2.09	65.28		4.36
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm	100.64	2.28	187.53	2.89	35.4	0	0
Sim90	10 U 613830 5858237	Soil sample bagged	Sim90	Soil	ppm	123.88		240.84	1.29	65.31		3.42
Sim92	10 U 614949 5857458		Sim92	TestAll Geo	ppm	180.18	2.52	33.34	6.22	70.24	0	0
Sim93	10 U 614943 5857468			TestAll Geo	ppm	141.61	2.84	28.08	6.83	73.01	0	0
Sim94	10 U 614946 5857472			TestAll Geo	ppm	135.95	1.78	27.87	3.32	71.81	0	0
Sim95	10 U 614940 5857485		Sim95	TestAll Geo	ppm	173.87	2.21	39.38	3.86	69.58	0	0
Sim96	10 U 614935 5857491			TestAll Geo	ppm	155.5	2.11	39.57	0	64.71	0	0
Sim97	10 U 614931 5857495			TestAll Geo	ppm	184.21	2.5	50.84	4.84	82.05	0	0
Sim98	10 U 614930 5857508			TestAll Geo	ppm	161.45	1.64	33.43	0	41.85	0	0
Sim99	10 U 614921 5857517			TestAll Geo	ppm	132.37	2.17	48.3	5.49	128.93	0	0
Sim100	10 U 614916 5857520	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	TestAll Geo	ppm	145.01	1.89	29.24	1.37	51.5	0	0
Sim101	10 U 614912 5857535			TestAll Geo	ppm	120.9	1.46	44.22	1.37	92.41	0	0
Sim102	10 U 614908 5857538			TestAll Geo	ppm	175.82	2.11	38.42	0	59.39	4.29	0
Sim103	10 U 614903 5857549			TestAll Geo	ppm	152.82	1.94	32.4	0	43.85	0	0

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Au Error	Se	As	Pb	W	Zn
Sim01	10 U 614523 5857697	Soil sample bagged	Sim01	Soil	ppm	5	0.29	12.29	23.48	2.61	64.58
Sim01	10 U 614523 5857697			**TestAll Geo**	ppm	7.58	0	0	43.14	0	62.47
Sim02	10 U 614526 5857717			**TestAll Geo**	ppm	12.83	0	4.05	44.68	0	72.55
Sim03	10 U 614532 5857728			Soil	ppm	5.44	-0.51	11.05	23.01	-15.28	64.46
Sim04	10 U 614527 5857735		Sim04	Soil	ppm	4.91	2.69	16.29	24.69	-1.64	69.29
Sim05	10 U 614534 5857753	Soil sample bagged		Soil	ppm	5.39	1.11	8.55	17.52	-5.91	64.59
Sim06	10 U 614537 5857767			Soil	ppm	5.09	-1.16	10.69	13.59	-4.3	59.45
Sim07	10 U 614524 5857783	Soil sample bagged	Sim07	Soil	ppm	5.97	-0.71	12.11	10.36	-3.46	58.95
Sim08	10 U 614530 5857803			Soil	ppm	5.31	-0.19	12.39	0.96	-4.27	50.52
Sim09	10 U 614528 5857811			Soil	ppm	5.78	0.74	19.95	-0.88	-14.28	38.81
Sim10	10 U 614533 5857818	Stream Sample; No XRF	Sim10SS								
Sim11	10 U 614534 5857825	Soil is damp/moist		Soil	ppm	5.55	1.53	16.19	6.47	-9.85	57.02
Sim12	10 U 614537 5857836			Soil	ppm	5.29	0.44	12.23	15.17	-1.85	60.53
Sim13	10 U 614536 5857850	Soil is damp/moist		Soil	ppm	5.41	0.05	13.16	3.28	-0.88	51.26
Sim14	10 U 614536 5857863	Soil is damp/moist		Soil	ppm	6.18	0.79	21.83	6.9	-8.81	68.2
Sim15	10 U 614536 5857871	Soil is damp/moist		Soil	ppm	5.98	0.19	13.43	5.02	4.87	54.85
Sim16	10 U 614538 5857881	Stream Sample; No XRF	Sim16SS								
Sim17	10 U 614541 5857883	Soil is damp/moist		Soil	ppm	5.36	0.47	9	2.79	-12.9	49.78
Sim18	10 U 614532 5857886			Soil	ppm	5.53	1.36	11.7	7.77	-13.94	54.62
Sim19	10 U 614516 5857902	Soil sample bagged		Soil	ppm	5.72	-0.04	7.48	19.87	5.66	60.89
Sim20	10 U 614518 5857906			Soil	ppm	5.45	-1.01	14.03	3.89	-14.74	66.96
Sim21	10 U 614516 5857915			Soil	ppm	5.44	0.42	8.54	9.14	-5	60.13
Sim23	10 U 614461 5857917	TestAll Geo for comparison		**TestAll Geo**	ppm	10.87	0	10.78	0	0	33.05
Sim23	10 U 614461 5857917			Soil	ppm	4.89	1.09	13.87	-1.57	5.85	29.53
Sim24	10 U 614458 5857923			Soil	ppm	5.11	0.64	16.43	-1.13	-16.74	54.6
Sim25	10 U 614448 5857931	Omit XRF#457 (accidental trigger release)		Soil	ppm	5.61	0.28	14.59	9.39	-3.53	60.3
Sim26	10 U 614442 5857924			Soil	ppm	4.63	-0.46	18.47	-0.1	-16.73	46.42
Sim27	10 U 614433 5857920	Soil sample bagged	Sim27	Soil	ppm	4.93	-1.52	13.8	15.88	-21.68	59.06
Sim28	10 U 614431 5857914	Omit XRF#461		Soil	ppm	5.65	0.84	11.76	14.71	-15.19	59.56
Sim29	10 U 614410 5857924			Soil	ppm	5.13	-2.62	13.32	11.88	-2.63	66.66
Sim30	10 U 614403 5857919			Soil	ppm	5.02	-1.84	15.57	11.2	0.82	61.75

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Au Error	Se	As	Pb	W	Zn
Sim31	10 U 614391 5857918	Soil sample bagged	Sim31	Soil	ppm	5.83	0.37	19.44	9.49	0.17	62
Sim32	10 U 614385 5857916			Soil	ppm	5.17	2.25	9.99	8.93	-19.6	53.98
Sim33	10 U 614370 5857916			Soil	ppm	5.58	-0.86	11.2	19.87	18.3	61.06
Sim34	10 U 614363 5857918			Soil	ppm	5.32	-0.53	16.03	3.56	-5.24	63.89
Sim35	10 U 614351 5857921			Soil	ppm	5.61	-0.08	13.28	33.55	-22.09	62.92
Sim36	10 U 614340 5857923	Soil sample bagged	Sim36	Soil	ppm	5.66	1.35	17.52	124.63	-21.68	120.38
Sim37	10 U 614334 5857932			Soil	ppm	6.25	-0.67	12.44	90.49	-11.07	115.15
Sim38	10 U 614319 5857929			Soil	ppm	6.26	1.56	22.63	129.57	-6.22	95.12
Sim39	10 U 614315 5857936			Soil	ppm	5.73	1.27	25.09	91.54	11.66	116.9
Sim40	10 U 614306 5857943			Soil	ppm	5.98	1.43	17.52	60.63	-12.74	100.49
Sim41	10 U 614296 5857949			Soil	ppm	5.7	-0.41	18.15	55.13	5.02	89.76
Sim42	10 U 614289 5857954			Soil	ppm	6.02	0.81	15.3	72.12	-0.46	84.64
Sim43	10 U 614283 5857961	Soil sample bagged between 43-42	Sim43-42	Soil	ppm	5.87	1.24	28	78.01	-2.4	82.07
Sim44	10 U 614274 5857962			Soil	ppm	5.99	1.06	11	11.82	-8.22	67.56
Sim45	10 U 614271 5857966			Soil	ppm	5.91	1.81	12.25	-2.22	4.25	76.55
Sim46	10 U 614260 5857973			Soil	ppm	5.06	-1.5	10.2	7.21	-29.17	48.35
Sim47	10 U 614257 5857987			Soil	ppm	5.46	0.84	7.96	25.43	-3.09	59.7
Sim48	10 U 614245 5857995			Soil	ppm	6.04	-0.65	10.84	13.65	-8.54	43.05
Sim48	10 U 614245 5857995			Soil	ppm	5.37	0.71	14.85	16.26	-11.56	74.17
Sim49	10 U 614243 5858001			Soil	ppm	5.64	-1.35	15.49	8.43	-27.77	45.44
Sim50	10 U 614237 5858006			Soil	ppm	5.57	1.99	17.45	8.94	-17.87	69.43
Sim51	10 U 614226 5858012	GPS point not saved in device but written down		Soil	ppm	5.31	-1.35	21.04	7.13	-6.21	53.46
Sim52	10 U 614222 5858022			Soil	ppm	5.51	0.54	10.26	18.08	-10.75	55.4
Sim53	10 U 614218 5858036	Soil sample bagged	Sim53	Soil	ppm	5.48	2.6	13.24	9.27	0.53	60.78
Sim54	10 U 614215 5858040			Soil	ppm	5.56	-1.32	13.23	12.26	-10.44	57.77
Sim55	10 U 614210 5858049			Soil	ppm	5.53	1.97	18.54	3.36	3.44	68.85
Sim56	10 U 614199 5858053			Soil	ppm	6.17	-2.11	9.59	14.48	11.56	96.08
Sim57	10 U 614204 5858070			Soil	ppm	5.32	-0.66	12.26	12.87	-1.41	131.01
Sim58	10 U 614191 5858064			Soil	ppm	5.5	0.29	11.24	7.33	-7.89	48.57
Sim59	10 U 614195 5858087			Soil	ppm	4.7	-1.07	12.92	5.63	-21.29	53.9
Sim60	10 U 614195 5858100			Soil	ppm	5.62	1.16	20.22	10.27	-12.34	58.93

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Au Error	Se	As	Pb	W	Zn
Sim61	10 U 614199 5858094			Soil	ppm	5.59	-0.73	13.08	27.91	-15.76	59.66
Sim62	10 U 614184 5858113			Soil	ppm	5.72	0.66	13.15	3.14	-4.85	49.4
Sim63	10 U 614177 5858122	TestAll Geo for comparison		**TestAll Geo**	ppm	7.74	0	6.22	0	0	54.35
Sim63	10 U 614177 5858122			Soil	ppm	5.13	0.31	10.23	11.99	-2.03	59.38
Sim64	10 U 614183 5858129			Soil	ppm	4.9	-0.55	14.47	12.45	-2.12	44.26
Sim65	10 U 614178 5858142	TestAll Geo for comparison		**TestAll Geo**	ppm	8.31	0	0	0	0	46.47
Sim65	10 U 614178 5858142	Soil sample bagged	Sim63	Soil	ppm	5.68	-0.14	12.1	4.86	-11.87	46.16
Sim66	10 U 614177 5858153			Soil	ppm	5.43	0.93	6.41	22.82	-26.23	49.97
Sim67	10 U 614178 5858163			Soil	ppm	4.94	-2.22	11.84	17.65	-4	51.7
Sim68	10 U 614168 5858172			Soil	ppm	5.09	-0.92	9.01	11.61	-5.46	59.25
Sim69	10 U 614173 5858180			Soil	ppm	4.98	2.98	13.96	15.87	-4.27	49.86
Sim70	10 U 614176 5858189	TestAll Geo for comparison		**TestAll Geo**	ppm	5.9	0	4.26	0	0	38.04
Sim70	10 U 614176 5858189	Soil sample bagged	Sim70	Soil	ppm	4.23	-0.15	12.44	7.64	-22.81	43.41
Sim71	10 U 614182 5858200			Soil	ppm	5.34	1.77	47.24	0.68	-4.39	52.79
Sim72	10 U 614185 5858198			Soil	ppm	5.16	2.05	11.69	8.57	-5.67	53.9
Sim73	10 U 614190 5858217			Soil	ppm	5.28	1.01	14.5	5.79	-5.24	38.43
Sim74	10 U 614188 5858221			Soil	ppm	6.07	3.29	11.95	9.02	-21.82	39.36
Sim75	10 U 614192 5858233	TestAll Geo for comparison		**TestAll Geo**	ppm	7.28	0	8.94	0	17.55	38.68
Sim75	10 U 614192 5858233	Soil sample bagged	Sim75	Soil	ppm	5.34	-0.3	15.7	16.56	-9.3	40.82
Sim76	10 U 614195 5858243			Soil	ppm	5.61	1.01	8.97	6.63	-5.57	104.98
Sim77	10 U 614198 5858251			Soil	ppm	4.89	-2.18	14.03	-1.4	-18.15	40
Sim78	10 U 614192 5858260	Omit XRF#522 accidental trigger release		Soil	ppm	5.01	1.87	10.37	1.66	-20.13	47.37
Sim79	10 U 614189 5858273			Soil	ppm	5.06	0.06	15	8.33	-15.1	48.6
Sim80	10 U 614190 5858277	TestAll Geo for comparison		**TestAll Geo**	ppm	7.07	0	6.03	0	0	49.66
Sim80	10 U 614190 5858277	Soil sample bagged	Sim80	Soil	ppm	5.1	-2.25	10.63	17.7	6.97	51.92
Sim81	10 U 614187 5858290			Soil	ppm	5.29	-0.22	11.96	15.23	-5.43	50.02
Sim82	10 U 614185 5858301			Soil	ppm	5.45	-0.66	12.15	5.33	-16.18	54.37
Sim83CB	10 U 613825 5858315	TestAll Geo for comparison, soil sample bagged	Sim83CB	**TestAll Geo**	ppm	7.56	0	6.99	0	0	82.26
Sim83CB	10 U 613825 5858315	At approx. Claim boundary with N.Eastern Bullseye		Soil	ppm	5.92	-0.08	10.15	4.27	-25.75	95.92

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Au Error	Se	As	Pb	W	Zn
Sim84	10 U 613828 5858306			Soil	ppm	5.46	2.04	14.75	7.28	-19.27	73.54
Sim85	10 U 613830 5858291	Soil sample bagged	Sim85	Soil	ppm	5.83	1.11	10.47	9.83	-21.87	72.64
Sim85	10 U 613830 5858291	TestAll Geo for comparison		**TestAll Geo**	ppm	8.05	0	10.25	0	0	73.58
Sim86	10 U 613832 5858281			Soil	ppm	5.42	-0.75	12.97	10.09	-23.39	76.87
Sim87	10 U 613833 5858271	Omit XRF#539 accidental trigger release		Soil	ppm	5.6	0.71	10.31	3.91	-16.64	62.11
Sim88	10 U 613835 5858259			Soil	ppm	5.4	-0.25	16.59	4.37	-8.75	63.84
Sim89	10 U 613833 5858250			Soil	ppm	6	-0.83	17.08	3.05	-22.45	67.62
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm	9.09	0	10.27	0	0	55.72
Sim90	10 U 613830 5858237	Soil sample bagged	Sim90	Soil	ppm	6.62	1.02	19.8	2.81	-38.2	68.95
Sim92	10 U 614949 5857458		Sim92	TestAll Geo	ppm	7.91	0	33.6	0	2.38	71.3
Sim93	10 U 614943 5857468			TestAll Geo	ppm	8.86	1.4	68.86	0	0	77.99
Sim94	10 U 614946 5857472			TestAll Geo	ppm	9.12	0	68.48	18.32	0	78.31
Sim95	10 U 614940 5857485		Sim95	TestAll Geo	ppm	7.63	0	12.53	19.06	0	67.17
Sim96	10 U 614935 5857491			TestAll Geo	ppm	7.83	0	14.21	13.91	9.69	44.22
Sim97	10 U 614931 5857495			TestAll Geo	ppm	7.34	0	19.59	0	0	69.97
Sim98	10 U 614930 5857508			TestAll Geo	ppm	7.29	0	20.97	0	0	38.55
Sim99	10 U 614921 5857517			TestAll Geo	ppm	7.13	0	3.65	0	0	53.48
Sim100	10 U 614916 5857520	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	TestAll Geo	ppm	7.5	0	7.41	0	0	61.88
Sim101	10 U 614912 5857535			TestAll Geo	ppm	7.76	0	6.79	0	0	76.22
Sim102	10 U 614908 5857538			TestAll Geo	ppm	7.72	0	9.29	16.32	0	63.42
Sim103	10 U 614903 5857549			TestAll Geo	ppm	7.3	0	7.28	0	0	51.18

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Cu	Ni	Co	Fe	Mn	Cr
Sim01	10 U 614523 5857697	Soil sample bagged	Sim01	Soil	ppm	36.01	19.34	8.21	42107.89	862.24	41.76
Sim01	10 U 614523 5857697			**TestAll Geo**	ppm	32.85	0	0	67484.02	1851.84	34.94
Sim02	10 U 614526 5857717			**TestAll Geo**	ppm	36.95	0	0	44193.18	863.77	540.35
Sim03	10 U 614532 5857728			Soil	ppm	12.62	26.1	38.01	32624.09	408.56	119.18
Sim04	10 U 614527 5857735		Sim04	Soil	ppm	25.56	26.79	49.85	37640.77	681.7	
Sim05	10 U 614534 5857753	Soil sample bagged		Soil	ppm	34.12	36.18	36.2	35006.11	602.05	21.17
Sim06	10 U 614537 5857767			Soil	ppm	20.13	37.93	45.23	28113.43	516.6	38.19
Sim07	10 U 614524 5857783	Soil sample bagged	Sim07	Soil	ppm	31.06	31.48	72.66	32123.77	628.82	3.68
Sim08	10 U 614530 5857803			Soil	ppm	19.46	23.25	58.53	29742.84	432.82	64.84
Sim09	10 U 614528 5857811			Soil	ppm	29.54	13.37	54.84	29890.87	562.89	59.31
Sim10	10 U 614533 5857818	Stream Sample; No XRF	Sim10SS								
Sim11	10 U 614534 5857825	Soil is damp/moist		Soil	ppm	25.1	8.11	103.71	29138.62	678.66	30.13
Sim12	10 U 614537 5857836			Soil	ppm	31.25	19.02	120.25	33274.33	882.31	44.89
Sim13	10 U 614536 5857850	Soil is damp/moist		Soil	ppm	52.72	66.34	52.35	28829.93	441.91	53.78
Sim14	10 U 614536 5857863	Soil is damp/moist		Soil	ppm	16.64	3.96	80.91	25256.03	323.25	42.32
Sim15	10 U 614536 5857871	Soil is damp/moist		Soil	ppm	28.81	-9.49	-30.26	23483.83	330.09	32.23
Sim16	10 U 614538 5857881	Stream Sample; No XRF	Sim16SS								
Sim17	10 U 614541 5857883	Soil is damp/moist		Soil	ppm	30.51	-3.33	52.05	23985.61	254.12	64.66
Sim18	10 U 614532 5857886			Soil	ppm	31.2	17.83	129.68	27199.38	267.2	43.45
Sim19	10 U 614516 5857902	Soil sample bagged		Soil	ppm	41	33.35	126.39	34159.17	553.02	62.7
Sim20	10 U 614518 5857906			Soil	ppm	32.28	31.3	57.07	31049.04	390.12	30.82
Sim21	10 U 614516 5857915			Soil	ppm	20.94	39.81	69.64	31814.26	645.88	34.33
Sim23	10 U 614461 5857917	TestAll Geo for comparison		**TestAll Geo**	ppm	15.95	0	0	28184.37	622.16	0
Sim23	10 U 614461 5857917			Soil	ppm	24.24	6.01	-106.13	28041.75	702.06	52.19
Sim24	10 U 614458 5857923			Soil	ppm	24.62	38.92	21.87	31384.03	897.8	20.97
Sim25	10 U 614448 5857931	Omit XRF#457 (accidental trigger release)		Soil	ppm	33.88	-0.76	57.36	29699.51	452.96	16.27
Sim26	10 U 614442 5857924			Soil	ppm	22.47	2.44	57.23	26728.6	215.33	21.15
Sim27	10 U 614433 5857920	Soil sample bagged	Sim27	Soil	ppm	33.06	42.47	-6.98	34627.27	607.57	50.1
Sim28	10 U 614431 5857914	Omit XRF#461		Soil	ppm	45.02	3.1	73.37	35416.13	437.68	56.73
Sim29	10 U 614410 5857924			Soil	ppm	28.31	7.05	70.14	34080.3	458.82	48.58
Sim30	10 U 614403 5857919			Soil	ppm	32.02	-1.42	22.04	36857.45	522.99	22.05

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Cu	Ni	Co	Fe	Mn	Cr
Sim31	10 U 614391 5857918	Soil sample bagged	Sim31	Soil	ppm	33.73	47.26	50.98	39917.97	516.19	61.69
Sim32	10 U 614385 5857916			Soil	ppm	15.74	37.68	-47.18	28698.25	602.72	32.68
Sim33	10 U 614370 5857916			Soil	ppm	30.28	37.15	102.83	37942.13	719.92	46.53
Sim34	10 U 614363 5857918			Soil	ppm	26.73	43.68	30.69	43321.2	402.36	45.17
Sim35	10 U 614351 5857921			Soil	ppm	30.3	45.17	101.67	43838.3	1031.96	41.85
Sim36	10 U 614340 5857923	Soil sample bagged	Sim36	Soil	ppm	29.24	39.21	16.76	36015.57	997.19	47.86
Sim37	10 U 614334 5857932			Soil	ppm	34.74	25.61	-188.96	40186.3	916.22	29.05
Sim38	10 U 614319 5857929			Soil	ppm	73.12	34.57	43.31	62246.74	1923.74	42.93
Sim39	10 U 614315 5857936			Soil	ppm	37.54	23.9	9.23	45097.01	1171.04	19.6
Sim40	10 U 614306 5857943			Soil	ppm	20.89	54.66	11.36	44146.44	1394.99	58.65
Sim41	10 U 614296 5857949			Soil	ppm	26.25	33.79	-94.07	46818.03	1575.38	17.29
Sim42	10 U 614289 5857954			Soil	ppm	30.03	11.37	-36.99	54460.19	1998.54	26.33
Sim43	10 U 614283 5857961	Soil sample bagged between 43-42	Sim43-42	Soil	ppm	42.44	53.68	132.74	59951.54	1501.52	20.65
Sim44	10 U 614274 5857962			Soil	ppm	30.49	22.3	100.25	40590.37	477.32	40.51
Sim45	10 U 614271 5857966			Soil	ppm	24.78	17.6	8.75	40590.32	315.91	61.66
Sim46	10 U 614260 5857973			Soil	ppm	19.71	20.51	8.97	32042.62	765.82	75.6
Sim47	10 U 614257 5857987			Soil	ppm	55.85	24.08	-48.76	63113.96	2090.3	46.4
Sim48	10 U 614245 5857995			Soil	ppm	56.15	49.74	-139.27	44386.96	1300.88	21.5
Sim48	10 U 614245 5857995			Soil	ppm	47.22	24.6	-64.02	53173.83	1696.58	42.41
Sim49	10 U 614243 5858001			Soil	ppm	24.06	40.17	-53.02	49794.3	516.04	65.05
Sim50	10 U 614237 5858006			Soil	ppm	34.88	34.57	111.89	40213.66	415.76	44.23
Sim51	10 U 614226 5858012	GPS point not saved in device but written down		Soil	ppm	22.58	53.56	44.62	40563.68	1212.97	16.84
Sim52	10 U 614222 5858022			Soil	ppm	21.07	30.39	-79.53	35537.94	1055.9	17.28
Sim53	10 U 614218 5858036	Soil sample bagged	Sim53	Soil	ppm	35.02	27.62	246.43	42438.46	1271.51	24.44
Sim54	10 U 614215 5858040			Soil	ppm	40.25	44.61	104.01	37905.82	687.34	40.31
Sim55	10 U 614210 5858049			Soil	ppm	22.7	11.61	67	39818.73	343.12	32.52
Sim56	10 U 614199 5858053			Soil	ppm	36.03	41.67	77.82	58133.33	722.17	39.91
Sim57	10 U 614204 5858070			Soil	ppm	34.89	28.45	25.19	42092.15	566.73	50.41
Sim58	10 U 614191 5858064			Soil	ppm	36.88	29.83	138.16	39973.16	548.62	14.98
Sim59	10 U 614195 5858087			Soil	ppm	40.46	18.71	57.41	36735.59	1182.48	18.88
Sim60	10 U 614195 5858100			Soil	ppm	18.63	66.23	66.42	51586.57	738.53	48.45

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Cu	Ni	Co	Fe	Mn	Cr
Sim61	10 U 614199 5858094			Soil	ppm	37.92	29.09	47.86	35729.95	862.43	35.8
Sim62	10 U 614184 5858113			Soil	ppm	28.66	21.97	142.46	33112.24	714.96	24.9
Sim63	10 U 614177 5858122	TestAll Geo for comparison		**TestAll Geo**	ppm	26.42	0	0	37765.72	798.7	28.72
Sim63	10 U 614177 5858122			Soil	ppm	31.38	31.95	50.21	37894.37	874.03	57.02
Sim64	10 U 614183 5858129			Soil	ppm	18.58	-14.63	197.5	32449.3	678.93	39.65
Sim65	10 U 614178 5858142	TestAll Geo for comparison		**TestAll Geo**	ppm	22.2	33.77	26.39	31222.49	709.86	28.32
Sim65	10 U 614178 5858142	Soil sample bagged	Sim63	Soil	ppm	20.41	37.97	81.17	30507.85	688.55	30.2
Sim66	10 U 614177 5858153			Soil	ppm	14.22	17.62	-29.5	41007.89	1414.78	30.68
Sim67	10 U 614178 5858163			Soil	ppm	19.5	7.74	-3.45	35227.07	1120.14	34.88
Sim68	10 U 614168 5858172			Soil	ppm	30.33	-24.26	-14.89	33670.75	2184.3	17.52
Sim69	10 U 614173 5858180			Soil	ppm	35.66	19.52	9.75	39677.41	1336.92	30.67
Sim70	10 U 614176 5858189	TestAll Geo for comparison		**TestAll Geo**	ppm	0	0	0	30251.98	666.75	34.95
Sim70	10 U 614176 5858189	Soil sample bagged	Sim70	Soil	ppm	8.08	-23.04	-79.54	29848.36	587.26	29.81
Sim71	10 U 614182 5858200			Soil	ppm	42.39	39.67	95.07	43180.09	700.59	26.96
Sim72	10 U 614185 5858198			Soil	ppm	30.46	10.02	-77.64	38316	962.96	17.85
Sim73	10 U 614190 5858217			Soil	ppm	26.93	8.76	139.83	38256.05	613.33	25.31
Sim74	10 U 614188 5858221			Soil	ppm	22.36	-0.86	-8.75	37003.79	1442.44	28.7
Sim75	10 U 614192 5858233	TestAll Geo for comparison		**TestAll Geo**	ppm	30.07	0	0	34958.94	606.66	18.16
Sim75	10 U 614192 5858233	Soil sample bagged	Sim75	Soil	ppm	31.57	19.42	-23.92	35467.78	541.69	28.46
Sim76	10 U 614195 5858243			Soil	ppm	32.34	22.6	190.78	50832.69	653.83	24.41
Sim77	10 U 614198 5858251			Soil	ppm	32.78	6.63	-28.72	33844.01	556.31	37.8
Sim78	10 U 614192 5858260	Omit XRF#522 accidental trigger release		Soil	ppm	28.6	-9.31	58.07	28683.24	312.43	39.67
Sim79	10 U 614189 5858273			Soil	ppm	31.36	12.21	107.95	40174.09	485.59	23.85
Sim80	10 U 614190 5858277	TestAll Geo for comparison		**TestAll Geo**	ppm	31.47	0	0	35348.32	751.86	65.33
Sim80	10 U 614190 5858277	Soil sample bagged	Sim80	Soil	ppm	37.76	13.44	82.33	35529.91	683.06	72.22
Sim81	10 U 614187 5858290			Soil	ppm	18.29	15.42	-36.45	41507.79	1141.52	37.43
Sim82	10 U 614185 5858301			Soil	ppm	28.63	8.27	-17.49	39317.73	555.16	34.97
Sim83CB	10 U 613825 5858315	TestAll Geo for comparison, soil sample bagged	Sim83CB	**TestAll Geo**	ppm	40.63	0	0	47382.84	1563.84	38.17
Sim83CB	10 U 613825 5858315	At approx. Claim boundary with N.Eastern Bullseye		Soil	ppm	47.35	-2.92	-41.93	46540.63	1604	35.87

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Cu	Ni	Co	Fe	Mn	Cr
Sim84	10 U 613828 5858306			Soil	ppm	65.85	44.45	-31.09	51504.69	1154.13	41.9
Sim85	10 U 613830 5858291	Soil sample bagged	Sim85	Soil	ppm	47.66	2.82	-81.22	60356.63	1540.95	47.77
Sim85	10 U 613830 5858291	TestAll Geo for comparison		**TestAll Geo**	ppm	45.94	0	0	60486.55	1636.7	47.83
Sim86	10 U 613832 5858281			Soil	ppm	34.34	26.68	-30.62	58326.54	1663.87	7.93
Sim87	10 U 613833 5858271	Omit XRF#539 accidental trigger release		Soil	ppm	36.33	-34.58	182.6	37884.05	873.98	20.14
Sim88	10 U 613835 5858259			Soil	ppm	50.08	8.18	32.44	44440.99	719.51	21.67
Sim89	10 U 613833 5858250			Soil	ppm	68.9	28.27	-8.99	67101.43	1480.39	28.41
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm	87.65	1.24	1.15	67005.35	1797.52	27.32
Sim90	10 U 613830 5858237	Soil sample bagged	Sim90	Soil	ppm	94.33	36.39	37.18	63618.82	1622.15	38.26
Sim92	10 U 614949 5857458		Sim92	TestAll Geo	ppm	21.05	0	141.76	32196.64	273.01	78.64
Sim93	10 U 614943 5857468			TestAll Geo	ppm	28.3	1.06	202.63	63947.89	484.31	84.45
Sim94	10 U 614946 5857472			TestAll Geo	ppm	30.87	1.27	1.37	27491.52	204.2	67.12
Sim95	10 U 614940 5857485		Sim95	TestAll Geo	ppm	23.64	0	0	36791.77	233.41	100.44
Sim96	10 U 614935 5857491			TestAll Geo	ppm	13.55	1.05	1.07	40547.88	365.62	50.67
Sim97	10 U 614931 5857495			TestAll Geo	ppm	40.04	0	0	38903.4	342.6	133.54
Sim98	10 U 614930 5857508			TestAll Geo	ppm	14.69	0	0	26213.24	592.65	67.73
Sim99	10 U 614921 5857517			TestAll Geo	ppm	34.35	0	254.07	23037.21	183.62	101.69
Sim100	10 U 614916 5857520	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	TestAll Geo	ppm	0	1.02	31.64	30685.97	263.92	66.9
Sim101	10 U 614912 5857535			TestAll Geo	ppm	19.29	0	0	30799.12	266.69	66.06
Sim102	10 U 614908 5857538			TestAll Geo	ppm	25.46	0	177.05	41556.11	342.09	63.05
Sim103	10 U 614903 5857549			TestAll Geo	ppm	0	0	0	24773.21	304.09	58.59

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	V	Ti	Hg	Sc	Ca
Sim01	10 U 614523 5857697	Soil sample bagged	Sim01	Soil	ppm	64.69	3182.48	0.77	-0.27	933.86
Sim01	10 U 614523 5857697			**TestAll Geo**	ppm	60.08	2481.09	1.92	-2.81	1014.43
Sim02	10 U 614526 5857717			**TestAll Geo**	ppm	914.05	2213.01	0.42		
Sim03	10 U 614532 5857728			Soil	ppm	31.77	2596.91	3.4	35.5	59.75
Sim04	10 U 614527 5857735		Sim04	Soil	ppm			4.47		
Sim05	10 U 614534 5857753	Soil sample bagged		Soil	ppm	252.54	1636.51	3.89	85.81	1905.25
Sim06	10 U 614537 5857767			Soil	ppm	61.69	2867.47	4.85	8.56	1701.19
Sim07	10 U 614524 5857783	Soil sample bagged	Sim07	Soil	ppm	104.71	2509.96	2.55	-8.87	2067.04
Sim08	10 U 614530 5857803			Soil	ppm	44.27	3380.47	2.53	-77.78	2607.32
Sim09	10 U 614528 5857811			Soil	ppm	46.83	2605.26	3.36	12.17	1400.84
Sim10	10 U 614533 5857818	Stream Sample; No XRF	Sim10SS							
Sim11	10 U 614534 5857825	Soil is damp/moist		Soil	ppm	60.29	2086.74	2.11	-0.66	769.89
Sim12	10 U 614537 5857836			Soil	ppm	55.58	2534.92	2.37	5.81	1510.68
Sim13	10 U 614536 5857850	Soil is damp/moist		Soil	ppm	73.21	3722.24	3.31	-1.22	2025.47
Sim14	10 U 614536 5857863	Soil is damp/moist		Soil	ppm	53.53	1723.43	3.75	-7.6	581.05
Sim15	10 U 614536 5857871	Soil is damp/moist		Soil	ppm	51.9	1449.84	-2.1	-3.9	535.31
Sim16	10 U 614538 5857881	Stream Sample; No XRF	Sim16SS							
Sim17	10 U 614541 5857883	Soil is damp/moist		Soil	ppm	54.36	2464.68	5.33	0.18	1108.09
Sim18	10 U 614532 5857886			Soil	ppm	54.16	2653.8	4.95	-9.58	763.48
Sim19	10 U 614516 5857902	Soil sample bagged		Soil	ppm	50.37	3253.96	1.12	6.76	862.81
Sim20	10 U 614518 5857906			Soil	ppm	75.31	3105.95	4.9	2.92	1586.36
Sim21	10 U 614516 5857915			Soil	ppm	72.36	2774.59	3.14	8.23	1520.04
Sim23	10 U 614461 5857917	TestAll Geo for comparison		**TestAll Geo**	ppm	73.74	2767.85	-1.6		
Sim23	10 U 614461 5857917			Soil	ppm	49.55	2797.75	0.28	-18.12	917.52
Sim24	10 U 614458 5857923			Soil	ppm	87.08	2736.4	8.04	7.23	597.06
Sim25	10 U 614448 5857931	Omit XRF#457 (accidental trigger release)		Soil	ppm	53.11	2465.92	-1.22	2.46	1050.8
Sim26	10 U 614442 5857924			Soil	ppm	40.6	2538.56	4.48	11.97	3059.4
Sim27	10 U 614433 5857920	Soil sample bagged	Sim27	Soil	ppm	59.91	2993.54	7.14	5.63	653.68
Sim28	10 U 614431 5857914	Omit XRF#461		Soil	ppm	69.02	2096.6	-0.52	2.48	876.32
Sim29	10 U 614410 5857924			Soil	ppm	63.39	2698.82	-1.19	-4.03	620.81
Sim30	10 U 614403 5857919			Soil	ppm	63.15	2784.22	5.22	4.06	480.45

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	V	Ti	Hg	Sc	Ca
Sim31	10 U 614391 5857918	Soil sample bagged	Sim31	Soil	ppm	53.26	2499.66	5.84	-1.6	649.47
Sim32	10 U 614385 5857916			Soil	ppm	57.05	2483.1	5.52	-0.8	576.08
Sim33	10 U 614370 5857916			Soil	ppm	34.2	3344.53	-0.48	-2.24	1276.5
Sim34	10 U 614363 5857918			Soil	ppm	63.34	2663.04	4.35	-13.19	569.45
Sim35	10 U 614351 5857921			Soil	ppm	61.08	2701.53	8.69	5.26	1521.29
Sim36	10 U 614340 5857923	Soil sample bagged	Sim36	Soil	ppm	46.49	2647.29	5.67	30.29	11812.36
Sim37	10 U 614334 5857932			Soil	ppm	49.22	1918.79	5.19	30.25	14963.5
Sim38	10 U 614319 5857929			Soil	ppm	39.56	2810.14	7.36	22.77	9108.9
Sim39	10 U 614315 5857936			Soil	ppm	52.22	2620.72	4.53	51.69	18757.2
Sim40	10 U 614306 5857943			Soil	ppm	38.8	2388.55	3.79	6.12	12544.26
Sim41	10 U 614296 5857949			Soil	ppm	52.55	2438.54	-2.24	-5.99	5733.01
Sim42	10 U 614289 5857954			Soil	ppm	43.54	1850.7	2.65	99.73	23686.46
Sim43	10 U 614283 5857961	Soil sample bagged between 43-42	Sim43-42	Soil	ppm	85.5	2928.23	4.3	-1.61	1691.87
Sim44	10 U 614274 5857962			Soil	ppm	52.23	2001.31	5.16	-3.69	410.22
Sim45	10 U 614271 5857966			Soil	ppm	79.16	3293.42	1.93	0.57	568.55
Sim46	10 U 614260 5857973			Soil	ppm	40.54	2209.18	7.23	-0.19	1393.72
Sim47	10 U 614257 5857987			Soil	ppm	61.64	2658.85	1.6	-0.13	7019.7
Sim48	10 U 614245 5857995			Soil	ppm	33.54	2585.44	6.07	83.12	44787.22
Sim48	10 U 614245 5857995			Soil	ppm	99.23	3046.29	6.22	-9.92	1877.83
Sim49	10 U 614243 5858001			Soil	ppm	16.7	1922.96	6.94	16.92	1651.74
Sim50	10 U 614237 5858006			Soil	ppm	82.59	2659.16	5.25	-1.9	616.02
Sim51	10 U 614226 5858012	GPS point not saved in device but written down		Soil	ppm	72.58	2485.77	4.66	8.92	1969.83
Sim52	10 U 614222 5858022			Soil	ppm	46.58	2052.25	3.68	1.75	950.73
Sim53	10 U 614218 5858036	Soil sample bagged	Sim53	Soil	ppm	60.03	2522.54	4.26	19.78	2106.36
Sim54	10 U 614215 5858040			Soil	ppm	48.1	3125.7	3.91	-5.62	493.27
Sim55	10 U 614210 5858049			Soil	ppm	80.55	2822.79	1.35	3.52	345.28
Sim56	10 U 614199 5858053			Soil	ppm	81.65	3232.21	-0.08	-7.67	784.95
Sim57	10 U 614204 5858070			Soil	ppm	51.69	2371.5	3.35	-2.65	553.52
Sim58	10 U 614191 5858064			Soil	ppm	57.29	2455.16	0.33	2.49	265.83
Sim59	10 U 614195 5858087			Soil	ppm	44.25	2730.45	6.25	2.53	1309.14
Sim60	10 U 614195 5858100			Soil	ppm	42.3	2314.15	1.43	-0.82	542.82

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	V	Ti	Hg	Sc	Ca
Sim61	10 U 614199 5858094			Soil	ppm	44.99	2775.51	4.58	5.59	679.56
Sim62	10 U 614184 5858113			Soil	ppm	46.68	2879.03	-1.61	4.04	1263.45
Sim63	10 U 614177 5858122	TestAll Geo for comparison		**TestAll Geo**	ppm	47.81	2169.62	2.55	4.06	1056.85
Sim63	10 U 614177 5858122			Soil	ppm	48.9	2761.44	1.19	8.73	2034.4
Sim64	10 U 614183 5858129			Soil	ppm	59.75	3393.85	-0.65	11.84	1251.34
Sim65	10 U 614178 5858142	TestAll Geo for comparison		**TestAll Geo**	ppm	45.67	1935.73	3.26	13.82	714.48
Sim65	10 U 614178 5858142	Soil sample bagged	Sim63	Soil	ppm	48.24	1979.92	4.64	4.93	828.08
Sim66	10 U 614177 5858153			Soil	ppm	45.24	2089.59	6.97	-5.2	828.06
Sim67	10 U 614178 5858163			Soil	ppm	64.35	3037.37	1.69	0.03	1289.75
Sim68	10 U 614168 5858172			Soil	ppm	44.4	1317.27	-1.04	4.17	551.5
Sim69	10 U 614173 5858180			Soil	ppm	43.46	3137.75	3	-3.65	1731.53
Sim70	10 U 614176 5858189	TestAll Geo for comparison		**TestAll Geo**	ppm	0	3460.21	2.64	5.97	1168.63
Sim70	10 U 614176 5858189	Soil sample bagged	Sim70	Soil	ppm	28.85	3529.03	2.7	13.3	1197.64
Sim71	10 U 614182 5858200			Soil	ppm	66.35	3650.85	1.21	7.6	1184.42
Sim72	10 U 614185 5858198			Soil	ppm	77.59	3134.98	0.37	2.02	1587.49
Sim73	10 U 614190 5858217			Soil	ppm	74.31	3271.51	-0.15	4.07	1044.69
Sim74	10 U 614188 5858221			Soil	ppm	32.58	1841.96	3.57	-6.2	1096.01
Sim75	10 U 614192 5858233	TestAll Geo for comparison		**TestAll Geo**	ppm	31.87	2984.02	-0.58	-1.49	613.92
Sim75	10 U 614192 5858233	Soil sample bagged	Sim75	Soil	ppm	74.59	3078.23	2.9	0.12	645.93
Sim76	10 U 614195 5858243			Soil	ppm	68.46	2598.97	5.74	-0.78	1079.51
Sim77	10 U 614198 5858251			Soil	ppm	59.8	2565.17	3.14	0.31	1018.98
Sim78	10 U 614192 5858260	Omit XRF#522 accidental trigger release		Soil	ppm	60.13	2034.98	5.06	0.33	736.05
Sim79	10 U 614189 5858273			Soil	ppm	58.68	2853.31	1.29	0	956.29
Sim80	10 U 614190 5858277	TestAll Geo for comparison		**TestAll Geo**	ppm	95.36	3428.03	10.41	-7.48	1315.88
Sim80	10 U 614190 5858277	Soil sample bagged	Sim80	Soil	ppm	63.78	3617.02	3.46	-0.1	1268.12
Sim81	10 U 614187 5858290			Soil	ppm	65.25	2742.72	-1.96	-1.75	900.78
Sim82	10 U 614185 5858301			Soil	ppm	50.99	2815.84	6.93	4.66	391.66
Sim83CB	10 U 613825 5858315	TestAll Geo for comparison, soil sample bagged	Sim83CB	**TestAll Geo**	ppm	103.22	3000.88	2.13	7.44	2791.45
Sim83CB	10 U 613825 5858315	At approx. Claim boundary with N.Eastern Bullseye		Soil	ppm	84.35	2744.36	5.02	12.54	2510.63

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	V	Ti	Hg	Sc	Ca
Sim84	10 U 613828 5858306			Soil	ppm	104.1	4217.28	4.5	1.61	1472.45
Sim85	10 U 613830 5858291	Soil sample bagged	Sim85	Soil	ppm	98.27	3245.95	7.57	10.62	2030.23
Sim85	10 U 613830 5858291	TestAll Geo for comparison		**TestAll Geo**	ppm	0	3241.02	3.62	2.53	1914.11
Sim86	10 U 613832 5858281			Soil	ppm	87.52	3485	2.3	7.42	3457.32
Sim87	10 U 613833 5858271	Omit XRF#539 accidental trigger release		Soil	ppm	39.89	1967.58	3.18	12.06	1721.34
Sim88	10 U 613835 5858259			Soil	ppm	80.73	3135.29	4.29	26.02	4050.87
Sim89	10 U 613833 5858250			Soil	ppm	129.34	3045.63	4.37	36.44	10756.2
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm	102.47	1978.64	1.93	22.69	4852.3
Sim90	10 U 613830 5858237	Soil sample bagged	Sim90	Soil	ppm	111.12	2245.95	9.69	21.39	5861.44
Sim92	10 U 614949 5857458		Sim92	TestAll Geo	ppm	78.05	3169.3	3.94	-6.34	403.31
Sim93	10 U 614943 5857468			TestAll Geo	ppm	77.73	2923.25	-5.62	-1.45	583.69
Sim94	10 U 614946 5857472			TestAll Geo	ppm	76.7	1960.14	3.74	-3.31	751.9
Sim95	10 U 614940 5857485		Sim95	TestAll Geo	ppm	117.45	4394.52	0.9	-6.95	618.04
Sim96	10 U 614935 5857491			TestAll Geo	ppm	57.72	2251.95	7.48	1.32	418.59
Sim97	10 U 614931 5857495			TestAll Geo	ppm	107.81	4002.43	0.52	-10.62	894.48
Sim98	10 U 614930 5857508			TestAll Geo	ppm	74.65	2494.06	4.8	1.95	1086.25
Sim99	10 U 614921 5857517			TestAll Geo	ppm	105.08	4005.38	5.92	-5.21	869.2
Sim100	10 U 614916 5857520	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	TestAll Geo	ppm	66.41	2769.6	0.31	-4.64	635.38
Sim101	10 U 614912 5857535			TestAll Geo	ppm	77.34	2950.76	10.08	0.16	987.9
Sim102	10 U 614908 5857538			TestAll Geo	ppm	80.04	3369.88	3.49	-0.59	587.7
Sim103	10 U 614903 5857549			TestAll Geo	ppm	68.41	2026.57	0.51	1.09	5872.74

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	K	S	S Error	Ba	Cs
Sim01	10 U 614523 5857697	Soil sample bagged	Sim01	Soil	ppm	14322.71	-540.16	308.64	508.05	5.51
Sim01	10 U 614523 5857697			**TestAll Geo**	ppm	11369.31	0	1	546.94	38.64
Sim02	10 U 614526 5857717			**TestAll Geo**	ppm					
Sim03	10 U 614532 5857728			Soil	ppm	12411.25	-101.58	3370.08		
Sim04	10 U 614527 5857735		Sim04	Soil	ppm					
Sim05	10 U 614534 5857753	Soil sample bagged		Soil	ppm	7251.8	2188.29	7973.65		
Sim06	10 U 614537 5857767			Soil	ppm	11574.58	-329.49	243.17	1823.38	279.67
Sim07	10 U 614524 5857783	Soil sample bagged	Sim07	Soil	ppm	12865.86	-2004.58	68.99		
Sim08	10 U 614530 5857803			Soil	ppm	9395.68	-1466.11	1618.83		
Sim09	10 U 614528 5857811			Soil	ppm	12187.24	-12.46	510.9		
Sim10	10 U 614533 5857818	Stream Sample; No XRF	Sim10SS							
Sim11	10 U 614534 5857825	Soil is damp/moist		Soil	ppm	12871.46	-532.83	317.24		
Sim12	10 U 614537 5857836			Soil	ppm	13321.09	-427.01	377.42		
Sim13	10 U 614536 5857850	Soil is damp/moist		Soil	ppm	15998.12	-398.25	412.36		
Sim14	10 U 614536 5857863	Soil is damp/moist		Soil	ppm	8257.77	-131.5	263.52		
Sim15	10 U 614536 5857871	Soil is damp/moist		Soil	ppm	7715.36	-253.33	264.64		
Sim16	10 U 614538 5857881	Stream Sample; No XRF	Sim16SS							
Sim17	10 U 614541 5857883	Soil is damp/moist		Soil	ppm	13100.74	-218.18	354.76		
Sim18	10 U 614532 5857886			Soil	ppm	12326.91	-415.72	311.08		
Sim19	10 U 614516 5857902	Soil sample bagged		Soil	ppm	14152.8	-540.46	365.19		
Sim20	10 U 614518 5857906			Soil	ppm	10441.45	-357.98	281.8		
Sim21	10 U 614516 5857915			Soil	ppm	15346.83	-923.31	284.13		
Sim23	10 U 614461 5857917	TestAll Geo for comparison		**TestAll Geo**	ppm					
Sim23	10 U 614461 5857917			Soil	ppm	19121.74	-248.51	578.96		
Sim24	10 U 614458 5857923			Soil	ppm	13157.78	-239.04	506.25		
Sim25	10 U 614448 5857931	Omit XRF#457 (accidental trigger release)		Soil	ppm	11317.15	-395.17	328.88		
Sim26	10 U 614442 5857924			Soil	ppm	9716.58	-774.25	471.96		
Sim27	10 U 614433 5857920	Soil sample bagged	Sim27	Soil	ppm	12448.81	-322.25	484.28		
Sim28	10 U 614431 5857914	Omit XRF#461		Soil	ppm	9604.38	-330.6	469.37		
Sim29	10 U 614410 5857924			Soil	ppm	13435.76	-462.33	416.89		
Sim30	10 U 614403 5857919			Soil	ppm	13542.46	-257.1	556.31		

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	K	S	S Error	Ba	Cs
Sim31	10 U 614391 5857918	Soil sample bagged	Sim31	Soil	ppm	13361.49	-658.41	492.83		
Sim32	10 U 614385 5857916			Soil	ppm	13025.91	-680.32	457.19		
Sim33	10 U 614370 5857916			Soil	ppm	16430.69	-964.12	551.77		
Sim34	10 U 614363 5857918			Soil	ppm	14251.81	-502.51	601.94		
Sim35	10 U 614351 5857921			Soil	ppm	14546.48	-767.91	533.93		
Sim36	10 U 614340 5857923	Soil sample bagged	Sim36	Soil	ppm	14700.3	-497.91	596.6		
Sim37	10 U 614334 5857932			Soil	ppm	9621.02	-134.09	467.37		
Sim38	10 U 614319 5857929			Soil	ppm	14807.06	-1011.9	616.2		
Sim39	10 U 614315 5857936			Soil	ppm	13776.99	-651.22	688.09		
Sim40	10 U 614306 5857943			Soil	ppm	12881.34	-324.29	617.52		
Sim41	10 U 614296 5857949			Soil	ppm	14380.76	-933.73	627.82		
Sim42	10 U 614289 5857954			Soil	ppm	10205.23	-639.64	653.59		
Sim43	10 U 614283 5857961	Soil sample bagged between 43-42	Sim43-42	Soil	ppm	12497.51	-1249.09	626.7		
Sim44	10 U 614274 5857962			Soil	ppm	9426.09	-747.28	399.71		
Sim45	10 U 614271 5857966			Soil	ppm	10830.97	-30.43	566.7		
Sim46	10 U 614260 5857973			Soil	ppm	11774.69	-875.42	443.6		
Sim47	10 U 614257 5857987			Soil	ppm	10747.58	-733.33	737.26		
Sim48	10 U 614245 5857995			Soil	ppm	9025.53	-457.96	693.32		
Sim48	10 U 614245 5857995			Soil	ppm	10614.98	-306.83	734.23		
Sim49	10 U 614243 5858001			Soil	ppm	10144.58	-657.71	591.56		
Sim50	10 U 614237 5858006			Soil	ppm	15574.4	-373.84	414.08		
Sim51	10 U 614226 5858012	GPS point not saved in device but written down		Soil	ppm	10976.62	-622.64	458.93		
Sim52	10 U 614222 5858022			Soil	ppm	9019.12	-668.95	394.3		
Sim53	10 U 614218 5858036	Soil sample bagged	Sim53	Soil	ppm	11372.18	-590.05	605.33		
Sim54	10 U 614215 5858040			Soil	ppm	16710.11	-548.91	393.04		
Sim55	10 U 614210 5858049			Soil	ppm	14978.4	-684.71	374.87		
Sim56	10 U 614199 5858053			Soil	ppm	15382.15	-987.18	492.48		
Sim57	10 U 614204 5858070			Soil	ppm	11630	-791.34	349.3		
Sim58	10 U 614191 5858064			Soil	ppm	15289.65	-316.07	407.41		
Sim59	10 U 614195 5858087			Soil	ppm	12606.07	-857.51	420.78		
Sim60	10 U 614195 5858100			Soil	ppm	12937.52	-976.27	350.91		

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	K	S	S Error	Ba	Cs
Sim61	10 U 614199 5858094			Soil	ppm	7564.83	-431.68	349.19		
Sim62	10 U 614184 5858113			Soil	ppm	8028.62	-506.59	349.91		
Sim63	10 U 614177 5858122	TestAll Geo for comparison		**TestAll Geo**	ppm	10085.23	0	1		
Sim63	10 U 614177 5858122			Soil	ppm	11167.09	-840.17	471.61		
Sim64	10 U 614183 5858129			Soil	ppm	12169.46	-508.99	443.58		
Sim65	10 U 614178 5858142	TestAll Geo for comparison		**TestAll Geo**	ppm	7597.68	0	1		
Sim65	10 U 614178 5858142	Soil sample bagged	Sim63	Soil	ppm	7611.48	-347.32	346.76		
Sim66	10 U 614177 5858153			Soil	ppm	7221.92	-750.54	357.85		
Sim67	10 U 614178 5858163			Soil	ppm	12883.11	-952.88	422.62		
Sim68	10 U 614168 5858172			Soil	ppm	6203.56	-495.79	301.5		
Sim69	10 U 614173 5858180			Soil	ppm	12451.97	-392.37	484.24		
Sim70	10 U 614176 5858189	TestAll Geo for comparison		**TestAll Geo**	ppm	12966.7	0	1		
Sim70	10 U 614176 5858189	Soil sample bagged	Sim70	Soil	ppm	13751.13	-740.3	606.29		
Sim71	10 U 614182 5858200			Soil	ppm	12659.97	-202.49	602.39		
Sim72	10 U 614185 5858198			Soil	ppm	12040.75	-791.01	535.22		
Sim73	10 U 614190 5858217			Soil	ppm	9429.57	-830.57	436.4		
Sim74	10 U 614188 5858221			Soil	ppm	6522.57	-206.91	331.53		
Sim75	10 U 614192 5858233	TestAll Geo for comparison		**TestAll Geo**	ppm	7287.57	0	1		
Sim75	10 U 614192 5858233	Soil sample bagged	Sim75	Soil	ppm	7394.53	-487.67	365.46		
Sim76	10 U 614195 5858243			Soil	ppm	10637.13	-846.8	381.78		
Sim77	10 U 614198 5858251			Soil	ppm	11342.49	-169.22	475.53		
Sim78	10 U 614192 5858260	Omit XRF#522 accidental trigger release		Soil	ppm	8481.17	-157.47	400.93		
Sim79	10 U 614189 5858273			Soil	ppm	11520.46	-469.51	429.28		
Sim80	10 U 614190 5858277	TestAll Geo for comparison		**TestAll Geo**	ppm	16544.34	0	1		
Sim80	10 U 614190 5858277	Soil sample bagged	Sim80	Soil	ppm	16487.29	-802.64	482.68		
Sim81	10 U 614187 5858290			Soil	ppm	10823.07	-748.3	412.01		
Sim82	10 U 614185 5858301			Soil	ppm	9503.76	-692.51	364.04		
Sim83CB	10 U 613825 5858315	TestAll Geo for comparison, soil sample bagged	Sim83CB	**TestAll Geo**	ppm	10584.88	0	1		
Sim83CB	10 U 613825 5858315	At approx. Claim boundary with N.Eastern Bullseye		Soil	ppm	9056.85	-821.01	406.83		

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	K	S	S Error	Ba	Cs
Sim84	10 U 613828 5858306			Soil	ppm	13506.6	-765.04	460.07		
Sim85	10 U 613830 5858291	Soil sample bagged	Sim85	Soil	ppm	9873.4	-637.58	408.16		
Sim85	10 U 613830 5858291	TestAll Geo for comparison		**TestAll Geo**	ppm	9611.85	0	1		
Sim86	10 U 613832 5858281			Soil	ppm	11734.44	-893.05	538.33		
Sim87	10 U 613833 5858271	Omit XRF#539 accidental trigger release		Soil	ppm	5989.56	-91.29	315.58		
Sim88	10 U 613835 5858259			Soil	ppm	11617.27	-739.71	410.67		
Sim89	10 U 613833 5858250			Soil	ppm	12231.44	-849.67	513.11		
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm	8635.74	0	1		
Sim90	10 U 613830 5858237	Soil sample bagged	Sim90	Soil	ppm	8852.97	-502.97	383.75		
Sim92	10 U 614949 5857458		Sim92	TestAll Geo	ppm	17598.56	0	1	487.54	19.16
Sim93	10 U 614943 5857468			TestAll Geo	ppm	17516.79	0	1	418.35	51.46
Sim94	10 U 614946 5857472			TestAll Geo	ppm	14083.92	0	1	366.97	20.44
Sim95	10 U 614940 5857485		Sim95	TestAll Geo	ppm	23345.46	0	1	369.27	10.99
Sim96	10 U 614935 5857491			TestAll Geo	ppm	13216.41	0	1	428.74	38.81
Sim97	10 U 614931 5857495			TestAll Geo	ppm	28003.4	0	1	565.35	26.05
Sim98	10 U 614930 5857508			TestAll Geo	ppm	17448.73	0	1	315.05	44.92
Sim99	10 U 614921 5857517			TestAll Geo	ppm	38135.06	0	1	609.53	-7.66
Sim100	10 U 614916 5857520	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	TestAll Geo	ppm	13644.49	0	1	305.96	50.53
Sim101	10 U 614912 5857535			TestAll Geo	ppm	22338.11	0	1	678.23	35.06
Sim102	10 U 614908 5857538			TestAll Geo	ppm	17169.63	0	1	518.55	-42.53
Sim103	10 U 614903 5857549			TestAll Geo	ppm	9277.13	0	1	234.06	

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Te	Pd	Nd	Pr	Ce	La
Sim01	10 U 614523 5857697	Soil sample bagged	Sim01	Soil	ppm	17.48	-5.36				
Sim01	10 U 614523 5857697			**TestAll Geo**	ppm	35.52	-2.76	320.73	193.28	201.46	143.88
Sim02	10 U 614526 5857717			**TestAll Geo**	ppm						
Sim03	10 U 614532 5857728			Soil	ppm						
Sim04	10 U 614527 5857735		Sim04	Soil	ppm						
Sim05	10 U 614534 5857753	Soil sample bagged		Soil	ppm						
Sim06	10 U 614537 5857767			Soil	ppm	670.08	135.33				
Sim07	10 U 614524 5857783	Soil sample bagged	Sim07	Soil	ppm						
Sim08	10 U 614530 5857803			Soil	ppm						
Sim09	10 U 614528 5857811			Soil	ppm						
Sim10	10 U 614533 5857818	Stream Sample; No XRF	Sim10SS								
Sim11	10 U 614534 5857825	Soil is damp/moist		Soil	ppm						
Sim12	10 U 614537 5857836			Soil	ppm						
Sim13	10 U 614536 5857850	Soil is damp/moist		Soil	ppm						
Sim14	10 U 614536 5857863	Soil is damp/moist		Soil	ppm						
Sim15	10 U 614536 5857871	Soil is damp/moist		Soil	ppm						
Sim16	10 U 614538 5857881	Stream Sample; No XRF	Sim16SS								
Sim17	10 U 614541 5857883	Soil is damp/moist		Soil	ppm						
Sim18	10 U 614532 5857886			Soil	ppm						
Sim19	10 U 614516 5857902	Soil sample bagged		Soil	ppm						
Sim20	10 U 614518 5857906			Soil	ppm						
Sim21	10 U 614516 5857915			Soil	ppm						
Sim23	10 U 614461 5857917	TestAll Geo for comparison		**TestAll Geo**	ppm						
Sim23	10 U 614461 5857917			Soil	ppm						
Sim24	10 U 614458 5857923			Soil	ppm						
Sim25	10 U 614448 5857931	Omit XRF#457 (accidental trigger release)		Soil	ppm						
Sim26	10 U 614442 5857924			Soil	ppm						
Sim27	10 U 614433 5857920	Soil sample bagged	Sim27	Soil	ppm						
Sim28	10 U 614431 5857914	Omit XRF#461		Soil	ppm						
Sim29	10 U 614410 5857924			Soil	ppm						
Sim30	10 U 614403 5857919			Soil	ppm						

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Te	Pd	Nd	Pr	Ce	La
Sim31	10 U 614391 5857918	Soil sample bagged	Sim31	Soil	ppm						
Sim32	10 U 614385 5857916			Soil	ppm						
Sim33	10 U 614370 5857916			Soil	ppm						
Sim34	10 U 614363 5857918			Soil	ppm						
Sim35	10 U 614351 5857921			Soil	ppm						
Sim36	10 U 614340 5857923	Soil sample bagged	Sim36	Soil	ppm						
Sim37	10 U 614334 5857932			Soil	ppm						
Sim38	10 U 614319 5857929			Soil	ppm						
Sim39	10 U 614315 5857936			Soil	ppm						
Sim40	10 U 614306 5857943			Soil	ppm						
Sim41	10 U 614296 5857949			Soil	ppm						
Sim42	10 U 614289 5857954			Soil	ppm						
Sim43	10 U 614283 5857961	Soil sample bagged between 43-42	Sim43-42	Soil	ppm						
Sim44	10 U 614274 5857962			Soil	ppm						
Sim45	10 U 614271 5857966			Soil	ppm						
Sim46	10 U 614260 5857973			Soil	ppm						
Sim47	10 U 614257 5857987			Soil	ppm						
Sim48	10 U 614245 5857995			Soil	ppm						
Sim48	10 U 614245 5857995			Soil	ppm						
Sim49	10 U 614243 5858001			Soil	ppm						
Sim50	10 U 614237 5858006			Soil	ppm						
Sim51	10 U 614226 5858012	GPS point not saved in device but written down		Soil	ppm						
Sim52	10 U 614222 5858022			Soil	ppm						
Sim53	10 U 614218 5858036	Soil sample bagged	Sim53	Soil	ppm						
Sim54	10 U 614215 5858040			Soil	ppm						
Sim55	10 U 614210 5858049			Soil	ppm						
Sim56	10 U 614199 5858053			Soil	ppm						
Sim57	10 U 614204 5858070			Soil	ppm						
Sim58	10 U 614191 5858064			Soil	ppm						
Sim59	10 U 614195 5858087			Soil	ppm						
Sim60	10 U 614195 5858100			Soil	ppm						

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Te	Pd	Nd	Pr	Ce	La
Sim61	10 U 614199 5858094			Soil	ppm						
Sim62	10 U 614184 5858113			Soil	ppm						
Sim63	10 U 614177 5858122	TestAll Geo for comparison		**TestAll Geo**	ppm						
Sim63	10 U 614177 5858122			Soil	ppm						
Sim64	10 U 614183 5858129			Soil	ppm						
Sim65	10 U 614178 5858142	TestAll Geo for comparison		**TestAll Geo**	ppm						
Sim65	10 U 614178 5858142	Soil sample bagged	Sim63	Soil	ppm						
Sim66	10 U 614177 5858153			Soil	ppm						
Sim67	10 U 614178 5858163			Soil	ppm						
Sim68	10 U 614168 5858172			Soil	ppm						
Sim69	10 U 614173 5858180			Soil	ppm						
Sim70	10 U 614176 5858189	TestAll Geo for comparison		**TestAll Geo**	ppm						
Sim70	10 U 614176 5858189	Soil sample bagged	Sim70	Soil	ppm						
Sim71	10 U 614182 5858200			Soil	ppm						
Sim72	10 U 614185 5858198			Soil	ppm						
Sim73	10 U 614190 5858217			Soil	ppm						
Sim74	10 U 614188 5858221			Soil	ppm						
Sim75	10 U 614192 5858233	TestAll Geo for comparison		**TestAll Geo**	ppm						
Sim75	10 U 614192 5858233	Soil sample bagged	Sim75	Soil	ppm						
Sim76	10 U 614195 5858243			Soil	ppm						
Sim77	10 U 614198 5858251			Soil	ppm						
Sim78	10 U 614192 5858260	Omit XRF#522 accidental trigger release		Soil	ppm						
Sim79	10 U 614189 5858273			Soil	ppm						
Sim80	10 U 614190 5858277	TestAll Geo for comparison		**TestAll Geo**	ppm						
Sim80	10 U 614190 5858277	Soil sample bagged	Sim80	Soil	ppm						
Sim81	10 U 614187 5858290			Soil	ppm						
Sim82	10 U 614185 5858301			Soil	ppm						
Sim83CB	10 U 613825 5858315	TestAll Geo for comparison, soil sample bagged	Sim83CB	**TestAll Geo**	ppm						
Sim83CB	10 U 613825 5858315	At approx. Claim boundary with N.Eastern Bullseye		Soil	ppm						

Simlock - 2012 Soils Program XRF/GPS Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Te	Pd	Nd	Pr	Ce	La
Sim84	10 U 613828 5858306			Soil	ppm						
Sim85	10 U 613830 5858291	Soil sample bagged	Sim85	Soil	ppm						
Sim85	10 U 613830 5858291	TestAll Geo for comparison		**TestAll Geo**	ppm						
Sim86	10 U 613832 5858281			Soil	ppm						
Sim87	10 U 613833 5858271	Omit XRF#539 accidental trigger release		Soil	ppm						
Sim88	10 U 613835 5858259			Soil	ppm						
Sim89	10 U 613833 5858250			Soil	ppm						
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm						
Sim90	10 U 613830 5858237	Soil sample bagged	Sim90	Soil	ppm						
Sim92	10 U 614949 5857458		Sim92	TestAll Geo	ppm	16.91	-24.74	389.17	281.54	192.98	192.87
Sim93	10 U 614943 5857468			TestAll Geo	ppm	75.28	2.48	197.32	110.64	47.59	90.12
Sim94	10 U 614946 5857472			TestAll Geo	ppm	57.48	-9.56	193.94	174.41	141.89	126.87
Sim95	10 U 614940 5857485		Sim95	TestAll Geo	ppm	40.53	-22.3	157.66	219	131.4	35.29
Sim96	10 U 614935 5857491			TestAll Geo	ppm	87.84	-8.01	154.2	197.91	143.74	163.64
Sim97	10 U 614931 5857495			TestAll Geo	ppm	60.03	7.15	183.72	123.37	110.84	71.73
Sim98	10 U 614930 5857508			TestAll Geo	ppm	27.72	-2.54	350.78	342.49	226.1	187.76
Sim99	10 U 614921 5857517			TestAll Geo	ppm	-79.4	14.79	163.67	182.73	116.27	169.11
Sim100	10 U 614916 5857520	Same as point on Sydney Resources High-Grid '0+50N'	Sim100	TestAll Geo	ppm	106.76	-5.92	327.04	127.42	99.8	49.53
Sim101	10 U 614912 5857535			TestAll Geo	ppm	10.72	-9.2	463.69	278.05	164.55	143.43
Sim102	10 U 614908 5857538			TestAll Geo	ppm	-29.26	-11.23	24.53	58.29	26.72	20.42
Sim103	10 U 614903 5857549			TestAll Geo	ppm						

APPENDIX E

2012 Simlock – Rock Sample XRF Data

2012 Simlock - Rock Sample XRF Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Sb	Sn	Cd	Ag	Mo	Nb	Th	Zr	Y	Sr
Sim22	10 U 614490 5857927	Outcrop: Phyllite tested	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	0	0	0	10	29	284	3	46
Sim22	10 U 614490 5857927	Outcrop: Rusty pyrite grain? In phyllite	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	0	91	1	12	29	161	3	57
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	105	42	15	95	0	0	0	0	1	18
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	0	0	0	0	0	3	1	6
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	0	0	0	0	0	2	1	2
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	15	0	0	0	0	0	0	1	1	4
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	0	0	0	0	0	2	1	3
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	0	0	2	14	28	421	2	52
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm	0	0	0	0	3	7	15	101	2	188
Sim90	10 U 613830 5858237	Outcrop: quartz vein rim	Float collected:	**TestAll Geo**	ppm	13	28	0	189	0	3	0	5	1	284
Sim90	10 U 613830 5858237	Outcrop: fresh limestone face	Sim90F1,F2,F3	**TestAll Geo**	ppm	0	0	0	45	0	0	7	18	1	1250
Sim90	10 U 613830 5858237	Outcrop: oxidization on qtz-vein face	Sim90F1,F2,F4	**TestAll Geo**	ppm	6	0	0	0	0	0	0	0	1	1
Sim90	10 U 613830 5858237	Outcrop: quartz vein rim	Sim90F1,F2,F5	**TestAll Geo**	ppm	0	0	0	0	2	2	0	1	1	16
Sim90	10 U 613830 5858237	Outcrop: oxidized area on fissile shale	Sim90F1,F2,F6	**TestAll Geo**	ppm	0	0	0	87	1	10	24	34	2	30
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q1	TestAll Geo	ppm	0	0	1	83	0	45	0	0	1	0
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q2	TestAll Geo	ppm	0	0	0	0	0	0	2	0	1	1
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q2	TestAll Geo	ppm	42	54	3	154	0	3	0	0	1	3
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: fissile phyllitic hostrock	Sim91P	TestAll Geo	ppm	0	0	0	128	0	9	9	147	1	12
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: colluvial soils below outcrop; XRF thru plastic	Sim91S	TestAll Geo	ppm	0	17	0	49	0	15	17	230	3	44
Sim93	10 U 614943 5857468	Outcrop: Qtz vein @ Sim93 location	Sim93Q												

2012 Simlock - Rock Sample XRF Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	U	Rb	Bi	Au	Au Error	Se	As
Sim22	10 U 614490 5857927	Outcrop: Phyllite tested	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	61	4	0	7.39	0	0
Sim22	10 U 614490 5857927	Outcrop: Rusty pyrite grain? In phyllite	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	6	75	0	1	15.98	1	94
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	1	20	5	12.01	0	0
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	1	10	0	8.85	0	6
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	1	0	0	7.74	0	0
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	1	10	0	8.81	0	0
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	1	12	0	7.9	0	7
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	3	93	0	0	7.93	0	16
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm	3	35	0	0	9.09	0	10
Sim90	10 U 613830 5858237	Outcrop: quartz vein rim	Float collected:	**TestAll Geo**	ppm	0	15	17	11.58	14.19	0	0
Sim90	10 U 613830 5858237	Outcrop: fresh limestone face	Sim90F1,F2,F3	**TestAll Geo**	ppm	22	3	0	0	9.56	0	0
Sim90	10 U 613830 5858237	Outcrop: oxidization on qtz-vein face	Sim90F1,F2,F4	**TestAll Geo**	ppm	0	1	23	0	8.04	0	0
Sim90	10 U 613830 5858237	Outcrop: quartz vein rim	Sim90F1,F2,F5	**TestAll Geo**	ppm	0	1	8	0	7.62	0	0
Sim90	10 U 613830 5858237	Outcrop: oxidized area on fissile shale	Sim90F1,F2,F6	**TestAll Geo**	ppm	0	4	0	0	11.63	0	0
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q1	TestAll Geo	ppm	0	3	0	0	22.04	2	1609
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q2	TestAll Geo	ppm	0	1	0	0	10.82	2	0
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q2	TestAll Geo	ppm	0	0	19	0	12.56	0	0
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: fissile phyllitic hostrock	Sim91P	TestAll Geo	ppm	2	82	0	0	8	0	9
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: colluvial soils below outcrop; XRF thru plastic	Sim91S	TestAll Geo	ppm	3	113	0	0	7.13	0	26
Sim93	10 U 614943 5857468	Outcrop: Qtz vein @ Sim93 location	Sim93Q									

2012 Simlock - Rock Sample XRF Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Pb	W	Zn	Cu	Ni
Sim22	10 U 614490 5857927	Outcrop: Phyllite tested	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	0	18	0
Sim22	10 U 614490 5857927	Outcrop: Rusty pyrite grain? In phyllite	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	37	73	71	400	13
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	10	1	152
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	64	0	61
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	28	0	1
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	15	0	137
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	15	10	181
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	0	40	41	0
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm	0	0	56	88	1
Sim90	10 U 613830 5858237	Outcrop: quartz vein rim	Float collected:	**TestAll Geo**	ppm	4	0	227	4	146
Sim90	10 U 613830 5858237	Outcrop: fresh limestone face	Sim90F1,F2,F3	**TestAll Geo**	ppm	0	14	4	6	37
Sim90	10 U 613830 5858237	Outcrop: oxidization on qtz-vein face	Sim90F1,F2,F4	**TestAll Geo**	ppm	0	0	0	23	233
Sim90	10 U 613830 5858237	Outcrop: quartz vein rim	Sim90F1,F2,F5	**TestAll Geo**	ppm	0	0	0	16	0
Sim90	10 U 613830 5858237	Outcrop: oxidized area on fissile shale	Sim90F1,F2,F6	**TestAll Geo**	ppm	44	6	110	234	303
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q1	TestAll Geo	ppm	37868	345	139	0	0
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q2	TestAll Geo	ppm	0	0	12	0	0
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q2	TestAll Geo	ppm	0	0	82	1	197
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: fissile phyllitic hostrock	Sim91P	TestAll Geo	ppm	0	23	27	17	0
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: colluvial soils below outcrop; XRF thru plastic	Sim91S	TestAll Geo	ppm	26	0	91	37	0
Sim93	10 U 614943 5857468	Outcrop: Qtz vein @ Sim93 location	Sim93Q							

2012 Simlock - Rock Sample XRF Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Co	Fe	Mn	Cr	V	Ti	Hg
Sim22	10 U 614490 5857927	Outcrop: Phyllite tested	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	67	4732	267	85	0	2900	4
Sim22	10 U 614490 5857927	Outcrop: Rusty pyrite grain? In phyllite	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	845	42174	590	41	18	867	17
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	168101	15544	37	411	0	8
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	120128	10106	373	196	1049	9
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	1	16112	802	251	87	0	5
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	89991	8471	0	0	57	5
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	100903	9061	425	2101	0	6
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	0	22615	279	284	86	2888	0
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm	1	67005	1798	27	102	1979	2
Sim90	10 U 613830 5858237	Outcrop: quartz vein rim	Float collected:	**TestAll Geo**	ppm	173	250121	1318	5	122	0	19
Sim90	10 U 613830 5858237	Outcrop: fresh limestone face	Sim90F1,F2,F3	**TestAll Geo**	ppm	1	22492	1476	120	269	0	11
Sim90	10 U 613830 5858237	Outcrop: oxidization on qtz-vein face	Sim90F1,F2,F4	**TestAll Geo**	ppm	0	146156	502	279	84	0	2
Sim90	10 U 613830 5858237	Outcrop: quartz vein rim	Sim90F1,F2,F5	**TestAll Geo**	ppm	0	11037	469	863	1219	0	-2
Sim90	10 U 613830 5858237	Outcrop: oxidized area on fissile shale	Sim90F1,F2,F6	**TestAll Geo**	ppm	0	262563	1035	97	98	691	8
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q1	TestAll Geo	ppm	0	26836	69	53	48	137	15
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q2	TestAll Geo	ppm	0	55198	5170	3192	2869	0	9
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q2	TestAll Geo	ppm	0	254174	13574	275	177	0	12
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: fissile phyllitic hostrock	Sim91P	TestAll Geo	ppm	267	30321	1186	190	117	8836	2
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: colluvial soils below outcrop; XRF thru plastic	Sim91S	TestAll Geo	ppm	0	36309	333	216	151	4172	2
Sim93	10 U 614943 5857468	Outcrop: Qtz vein @ Sim93 location	Sim93Q									

2012 Simlock - Rock Sample XRF Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Sc	Ca	K	S	Ba	Cs	Te	Pd
Sim22	10 U 614490 5857927	Outcrop: Phyllite tested	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	-2	141	17125	0				
Sim22	10 U 614490 5857927	Outcrop: Rusty pyrite grain? In phyllite	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	3	493	5812	0				
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	1	2182	1562	0				
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	155	0	0	0				
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	-5	0	0	0				
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	14	1787	0	0				
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	-94	1594	305	0				
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm	-28	2038	11294	0				
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm	23	4852	8636	0				
Sim90	10 U 613830 5858237	Outcrop: quartz vein rim	Float collected:	**TestAll Geo**	ppm	-187	46498	11299	0				
Sim90	10 U 613830 5858237	Outcrop: fresh limestone face	Sim90F1,F2,F3	**TestAll Geo**	ppm	-333	398215	4091	0				
Sim90	10 U 613830 5858237	Outcrop: oxidization on qtz-vein face	Sim90F1,F2,F4	**TestAll Geo**	ppm	6	1730	415	0				
Sim90	10 U 613830 5858237	Outcrop: quartz vein rim	Sim90F1,F2,F5	**TestAll Geo**	ppm								
Sim90	10 U 613830 5858237	Outcrop: oxidized area on fissile shale	Sim90F1,F2,F6	**TestAll Geo**	ppm	-29	2643	1702	0				
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q1	TestAll Geo	ppm		193	3835		19			
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q2	TestAll Geo	ppm						113	105	0
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q2	TestAll Geo	ppm	3	529	2022	0	221	102	119	3
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: fissile phyllitic hostrock	Sim91P	TestAll Geo	ppm	6	370	55767	0	451	-24	-59	-7
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: colluvial soils below outcrop; XRF thru plastic	Sim91S	TestAll Geo	ppm	-7	46	21885	0	472	41	67	7
Sim93	10 U 614943 5857468	Outcrop: Qtz vein @ Sim93 location	Sim93Q										

2012 Simlock - Rock Sample XRF Data

GPS Name	Position	Notes	Collected Sample#	Type	Units	Nd	Pr	Ce	La
Sim22	10 U 614490 5857927	Outcrop: Phyllite tested	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm				
Sim22	10 U 614490 5857927	Outcrop: Rusty pyrite grain? In phyllite	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm				
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm				
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm				
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm				
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm				
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm				
Sim22	10 U 614490 5857927	Outcrop: Rusty Quartz Vein	Sim22:QS,Q1,P1,P2	**TestAll Geo**	ppm				
Sim90	10 U 613830 5858237	TestAll Geo for comparison; soil taken in front of outcrop		**TestAll Geo**	ppm				
Sim90	10 U 613830 5858237	Outcrop: quartz vein rim	Float collected:	**TestAll Geo**	ppm				
Sim90	10 U 613830 5858237	Outcrop: fresh limestone face	Sim90F1,F2,F3	**TestAll Geo**	ppm				
Sim90	10 U 613830 5858237	Outcrop: oxidization on qtz-vein face	Sim90F1,F2,F4	**TestAll Geo**	ppm				
Sim90	10 U 613830 5858237	Outcrop: quartz vein rim	Sim90F1,F2,F5	**TestAll Geo**	ppm				
Sim90	10 U 613830 5858237	Outcrop: oxidized area on fissile shale	Sim90F1,F2,F6	**TestAll Geo**	ppm				
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q1	TestAll Geo	ppm				
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q2	TestAll Geo	ppm	964	625	323	280
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: galena qtz vein	Sim91Q2	TestAll Geo	ppm	621	389	306	319
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: fissile phyllitic hostrock	Sim91P	TestAll Geo	ppm	329	185	199	147
SimQvein (Sim 91)	10 U 614928 5857488	Outcrop: colluvial soils below outcrop; XRF thru plastic	Sim91S	TestAll Geo	ppm	431	175	261	95
Sim93	10 U 614943 5857468	Outcrop: Qtz vein @ Sim93 location	Sim93Q						

APPENDIX F

Statement of Expenditures

Barker Minerals Ltd.

Work was completed between June 1, 2012 to October 1, 2012
Work was done on the following claims:
SL1 (592300), SL2 (592299), SL3 (592302), SL5 (604584) & THREE CREEK (608523)

Geological

Jack Logan - Rock sampling		
1 day @ $400.00/day wages	$	400.00
1 day @ $125.00/day room & board	$	125.00
1 day @ $125.00/day vehicle & gas	$	125.00
Brian Hall - Rock sampling		
1 day @ $250.00/day wages	$	250.00
1 day @ $125.00/day room & board	$	125.00
Jack Logan - Soil sampling & collection		
2 days @ $400.00/day wages	$	800.00
2 days @ $125.00/day room & board	$	250.00
2 days @ $126.00/day vehicle & gas	$	250.00
Brian Hall - Soil sampling & collection		
2 days @ $250.00/day wages	$	500.00
2 days @ $125.00/day room & board	$	250.00
Jack Logan - Soil sample preparation		
2 days @ $400.00/day wages	$	800.00
2 days @ $125.00/day room & board	$	250.00
Aaron Doyle - Soil sample preparation		
2 days @ $600.00/day wages	$	1,200.00
2 days @ $125.00/day room & board	$	250.00
	$	**5,575.00**

Geochemical

Jack Logan - XRF analysis		
2 days @ $400.00/day wages	$	800.00
2 days @ $125.00/day room & board	$	250.00
XRF Analysis		
19 rock samples @ $10.00 / XRF reading	$	190.00
103 insitu samples @ $10.00 / XRF reading	$	1,030.00
45 soil samples @ $10.00 / reading x 4 readings	$	1,800.00
	$	**4,070.00**

Barker Minerals Ltd.

Work was completed between June 1, 2012 to October 1, 2012
Work was done on the following claims:
SL1 (592300), SL2 (592299), SL3 (592302), SL5 (604584) & THREE CREEK (608523)

Miscellaneous Expenditures		
Aaron Doyle - Camp Manager		
5 days @ $100.00/day wages	$	500.00
Quad rental		
5 days @ $25.00/day	$	125.00
Hand held communications (Hand held radios)		
4 days @ $25.00/day	$	100.00
Total Misc. Expenditures	**$**	**725.00**
Mobe & Demobe		
Brian Hall		
2 days @ $125.00/day wages	$	250.00
2 days @ $125.00/day vehicle & gas	$	250.00
Jack Logan		
2 days @ $200.00/day wages	$	400.00
Flights	$	988.10
Total Mobe & Demobe	**$**	**1,888.10**
Planning, supervising & report preparation		
Louis Doyle		
3 days @ $600.00/day wages	$	1,800.00
Data preparation		
Jack Logan - XRF analysis		
1 day @ $400.00/day wages	$	400.00
1 day @ $125.00/day room & board	$	125.00
	$	**2,325.00**
Total Geological Expenditures	**$**	**5,575.00**
Total Geochemical Expenditures	**$**	**4,070.00**
Total Misc. Expenditures - Supplies, etc.	**$**	**725.00**
Total Mobe & Demobe	**$**	**1,888.10**
Total Planning & Supervising	**$**	**2,325.00**
Total Expenditures	**$**	**14,583.10**

Appendix G

Statement of Qualifications

Statement of Qualifications:

I Louis E. Doyle, President/CEO/Prospector have 19 years experience managing exploration programs in the Cariboo Mining District of British Columbia, Canada.