



JUBILEE MINES NL

ACN 009 219 809

**Incorporating
SIR SAMUEL MINES NL**

ACN 009 173 906

Kathleen Valley Project

**Combined Annual Report for M36/24, 342, 349, 371, 375, 377,
467, E36/418 and P36/1397-P36/1401.**

Ref: C46/1999

**Reporting Period 1st January 2005 to
31st December 2005**

January 2006

**Author: M C Kelly
Technical Report No: STR 733
KV: 219**

Jubilee Mines NL-Kathleen Valley Project- Technical Report No 733

Summary

During the reporting period the following work was carried out on Jubilee Mines NL's Kathleen Valley tenure:

- **Soil Sampling- Mercury- M36/349, 371-620** Samples were collected which generated 5 nickel related anomalies.
- **Soil Sampling-Vanguard-M36/24-** A total of 446 soil samples were collected, no nickel anomalies were defined however two gold-in-soil anomalies were confirmed over areas which have been extensively drilled historically to exploit the gold mineralisation, confirming the veracity of the technique.
- **Rock Chip Sampling- M36/24, 349, 371-** A total of 32 rock chip samples were collected as part of field reconnaissance of soil anomalies.
- **Geological Review of Pegmatites**
- **Geological Review Copper within Layered Gabbro.**
- **Resource Modelling at Mossbecker** defined non JORC compliant resources of some *1.05mt @ 2.29g/t Au for 77270 oz of gold.*
- **Resource modelling at Yellow Aster** defined non JORC compliant resources of some *2.298mt @ 1.44g/t Au for 106385 oz of gold.*
- **RC Drilling** for 66 holes, 6655m and 5269 laboratory assay samples was completed at the following prospects:

Five Creek: FCC029-38 which failed to define Ni anomalism.

Ilias: IRC014-20, produced only low level gold anomalism

Cosmos West: JVC025-26, holes were stopped before target depth and require re-drilling.

North Carriport: NCRC001-29 produced low level gold mineralisation with a best intercept of **1m @ 4.5g/t Au from 51m in NCRC018.**

South Yellow Aster: SYRC001-2 produced low level gold anomalism.

Vanguard South: VSRC1-16, were drilled for geotechnical and water monitoring purposes.

- **Diamond Drilling:** A total of 3 geotechnical holes, VSD002-5 were drilled at Vanguard for 335.6m and 13 laboratory assay samples. VSD005 intercepted VMS style mineralisation with a best intercept of:

0.43m @ 9% Zn, 985ppm Cu, 5.67% Pb and 176ppb Au from 182.12m

- **Cosmos Deeps Underground Diamond Drilling** was completed for 41 holes, for 7872.32m and 2316 Laboratory assay samples in holes CDE029-33, 037, 049-58, CME073-92, ISD159-163. A number of significant Ni intercepts were encountered:

CME077 0.9m@ 7.02% Ni

Inc 1m @13.40%Ni

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CME079 3.3m @6.83%Ni
Inc 0.85m @ 12.54%Ni

CME083 4.53m @4.07% Ni
Inc 0.43m @18.3% Ni

- **Moving Loop EM Survey** was completed at Mercury-Venus-M36/371, for 23 lines, 27.81 line km and 583 stations. Previously defined surface EM conductors C₈-C₁₁ were confirmed, one new conductor was defined at ~259050mE/6945700mN which may represent a possible VMS target.
- **Geoferret Moving Loop Survey-BHP Billiton-M36/377-** A total of 15 lines of MLEM survey were completed on Jubilee's ground as part of BHPB's survey of their ground east of M36/377. No anomalies were defined within the data supplied to Jubilee.
- **DHEM Surveys-** DHEM was completed on geotechnical hole VSD005 and on 25 underground holes, CME073, 75-76, 78-79, 83-92, CDE049-57, ISD160. A number of conductors were defined.
- **Physical Property Testing** a total of 12 samples from Cosmos, Cosmos Deeps and Five Creek diamond drill holes (drilled in previous period) were tested for their physical properties to assist with interpretation of geophysical datasets.
- **Mining:** During 2005 mining at Cosmos Deeps produced 195 925 tonnes of ore at a grade of 5.5% Ni. A total of 52 925 dry metric tonnes of ore were shipped from the port of Esperance to Inco in Canada in 7 shipments.
- **Resource Modelling at Cosmos Deeps** produced a resource of 319 000 tonnes at 7.6% Ni for 24 210 tonnes of contained Ni and a reserve of 307 000 tonnes at 5.7% Ni for 17 500 tonnes of contained Ni.

Conclusion

- Diamond drilling at Vanguard defined a potential VMS target that requires follow up.
- Soil sampling at Mercury produced a number of Nickel targets worthy of follow up.
- Cosmos West RC drilling requires completion.
- The ore positions north and south of both Cosmos and Cosmos Deeps deposits remain poorly understood and high priority target areas. A multi disciplinary evaluation approach utilising pathfinder geochemistry, geophysics, shallow air-core Lithogeochemical drilling, depth target and stratigraphic RC and diamond drilling. Volcanogenic and structural analysis should be continued with the aim of delineating additional resources which would be easily exploitable via existing mine infrastructure.

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Verification Listing

Report Title:	Annual Exploration Report on					
	Kathleen Valley Project-Combined Annual Report					
	For the Period					
	1st January 2005 to 31st December 2005					
	C 46/1999					
Tenements:	M36/24, 342, 349, 371, 375, 377					
	E36/418,					
	P36/1397-1401					
Geology						
	Scale		Rock Samples			
Mapping						
Gridding						
	Contractor	Instrument	Line kms	No of Lines	Line Spacing	
Aerial Photography						
	Scale	Contractor				
Airborne Geophysics						
Type	Contractor	Line Km	Line Spacing			
Magnetics						
Electromagnetics						
Radiometrics						
Other						
Ground Geophysics						
Type	Contractor	Instrument	Line km	No of Lines	Line Spacing	
Magnetics						
Gravity						
MLEM-Fluxgate	Fugro	Smartem/	27.81	23	200m	
FLEM-Fluxgate		Zonge				
IP						
Other	BHPB	Geoforret	3.75	15		
Down Hole Geophysics						
Type	Instrument	Contractor	Holes			
3 Component						
Magnetics						
EM	Crone PEM	ORE	26			
Other						
Geochemistry						
Sample Type	No of Samples					
Soil/Rock Chip	1066/32					
Drilling						
Type	No of Holes	Meters	Petrology Samples	No of Assay Samples	Laboratory	
RAB						
Air-core						
RC	66	6655		5269	ALS CHEMEX	
Diamond	44	8207.92		7598	ALS CHEMEX	
RC/DDH						

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LIST of CD's

CD1- Copy of Report, Appendices, DHEM & EM Data, Figures and Drillhole Data in DoIR Format

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DoIR Department of Industry and Resources

1 Introduction

Sir Samuel Mines NL (ACN 009 173 906), a wholly owned subsidiary of Jubilee Mines NL (ACN 009 219 809), operates the Kathleen Valley Project, which comprises two blocks of tenements. One block comprises the 100% owned ground, which is the subject of this report the other is operated as a joint venture with Giralia Resources NL and which is reported under separate cover as the Kathleen Valley Joint Venture.

Jubilee has been active in this area since 1987. Much of the exploration since that time concentrated on gold mineralisation centred around the historic gold workings of Carriport, Mossbecker, Yellow Aster and Nils Desperandum. However during 1997 Jubilee focused its attention on the nickel potential of the tenure resulting in the discovery of the Cosmos massive nickel sulphide deposit on M36/371.

In early 2000 Jubilee discovered a second nickel sulphide deposit some 300-400m below the now exhausted Cosmos open pit. Open Pit mining of the Cosmos Open Pit ceased during 2003 whilst underground mining of the Cosmos Deeps commenced during the same period. Much of the work during 2005 involved underground drilling to test conceptual Ni sulphide (\$) targets at depth below the Cosmos Deeps deposit. Further work continued to the north of Cosmos to characterise the continuity of the Cosmos Ultramafic and to drill test the continuity of gold mineralisation associated with the Jones Creek Conglomerates.

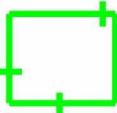
1.1 Tenure

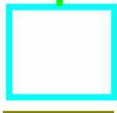
Table 1 lists the tenure that comprises the Kathleen Valley Project. All the tenements lie in the Lawlers District of the East Murchison Mineral Field. Figure 1 gives a visual representation of this tenure plus a summary of exploration activity carried out during the reporting period.


Table 1: Kathleen Valley Project Tenure

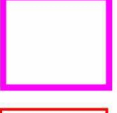
Tenement	Granted	Expires	Area	Rental	Expenditure
E36/418	1/03/2001	28/02/2006	10.00 bk	\$961.40	\$20,000
M36/24	17/01/1986	16/01/2007	884.60 ha	\$11,292.60	\$88,500
M36/342	4/03/1999	3/03/2020	120.0 ha	\$1,531.20	\$12,000
M36/349	4/03/1999	3/03/2020	796.00 ha	\$10,156.96	\$79,600
M36/371	4/03/1999	3/03/2020	771.50 ha	\$9,850.72	\$77,200
M36/375	4/03/1999	3/03/2020	685.00 ha	\$8,740.60	\$68,500
M36/377	4/03/1999	3/03/2020	569.30 ha	\$7,273.20	\$57,000


LEGEND


- 


MERCURY_VENUS
MLEM SURVEY
- 


COSMOS NORTH
SOIL SURVEY
- 


VANGUARD SOIL SURVEY
- 


GEOFERRET SURVEY LOOP
- 


TENEMENT OUTLINE
- 


ROCK CHIP SAMPLES
- 

RC DRILL HOLES
- 

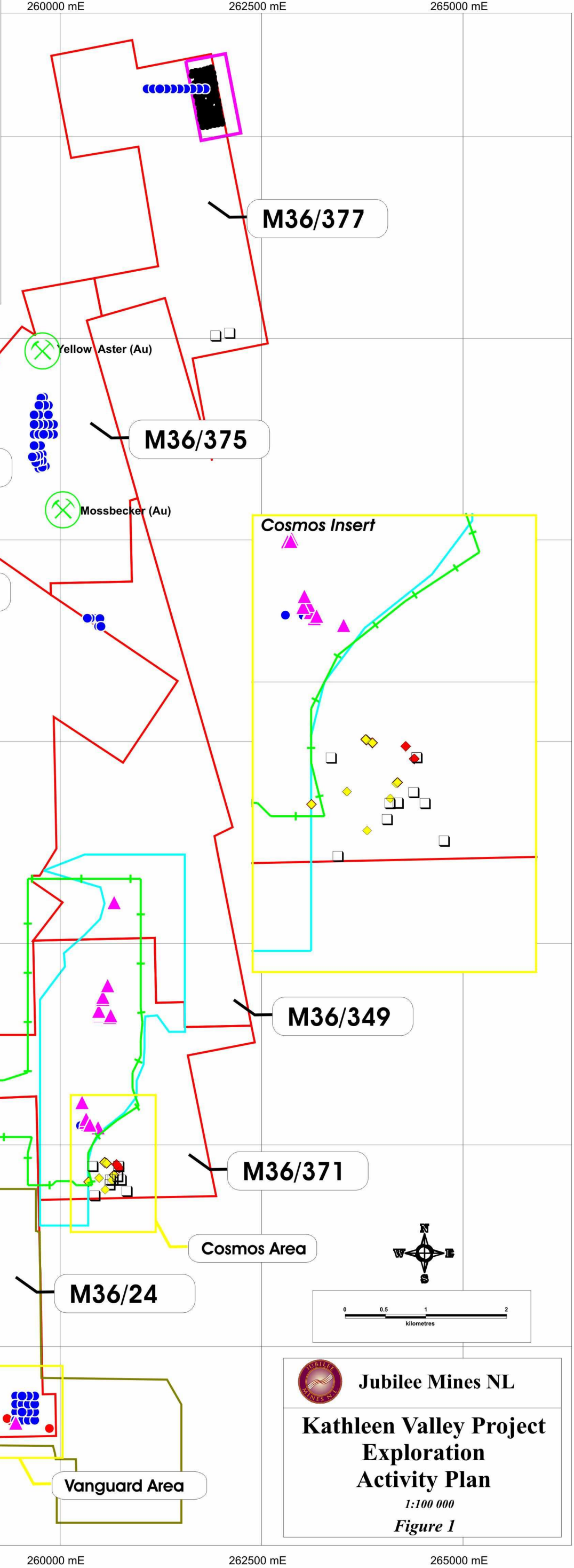
DIAMOND DRILL HOLES
- 

UNDERGROUND
DIAMOND DRILL HOLES
- 

DHEM SURVEYS
- 

GEOFERRET SURVEY
POINTS
- 

PHYSICAL SURVEY
SAMPLE (from Drill Hole)



M36/377

M36/375

P36/1400

M36/342

P36/1401

P36/1398

P36/1399

P36/1397

E36/418

E36/418

M36/349

M36/371

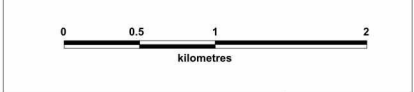
M36/24

Cosmos Area

Vanguard Area

Cosmos Insert

Vanguard Area Insert



Jubilee Mines NL

Kathleen Valley Project
Exploration
Activity Plan

1:100 000

Figure 1

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M36/467	16/08/1999	15/08/2020	833.35 ha	\$10,641.84	\$83,400
M36/603	Application				
P36/1397	15/08/1997	14/08/2001	120.00 ha	\$218.40	\$4,800
P36/1398	15/08/1997	14/08/2001	176.40 ha	\$322.14	\$7,080
P36/1399	1/08/1997	31/07/2001	139.00 ha	\$252.98	\$5,560
P36/1400	1/08/1997	31/07/2001	184.50 ha	\$336.70	\$7,400
P36/1401	1/08/1997	31/07/2001	167.00 ha	\$303.94	\$6,680
		Totals		\$64,189.82	\$569,020

MLA 36/603 is a Section 49 conversion of P36/1397-1401

1.2 Location and Access

The Kathleen Valley Project is located 40 km northwest of Leinster, 100km south of Wiluna and 370 km north of Kalgoorlie, see Figure 2. The tenure lies on the Sir Samuel (SG 51-13) 1:250,000, and on the Sir Samuel (3042) and Mt Keith (3043) 1:100,000 GSWA map sheets. The tenure lies on the Yakabindie Station pastoral lease which is currently is owned by WMC. The property is stocked with cattle.

Access to the area is via the main Kalgoorlie-Wiluna road for some 370 km north of Kalgoorlie. This road cuts through the western edge of Jubilee's tenements. Good access is provided around the project by station tracks and fence lines. Jubilee's office is located at the Cosmos Mine centred on 260500E/694600N.

1.3 Climate and Vegetation

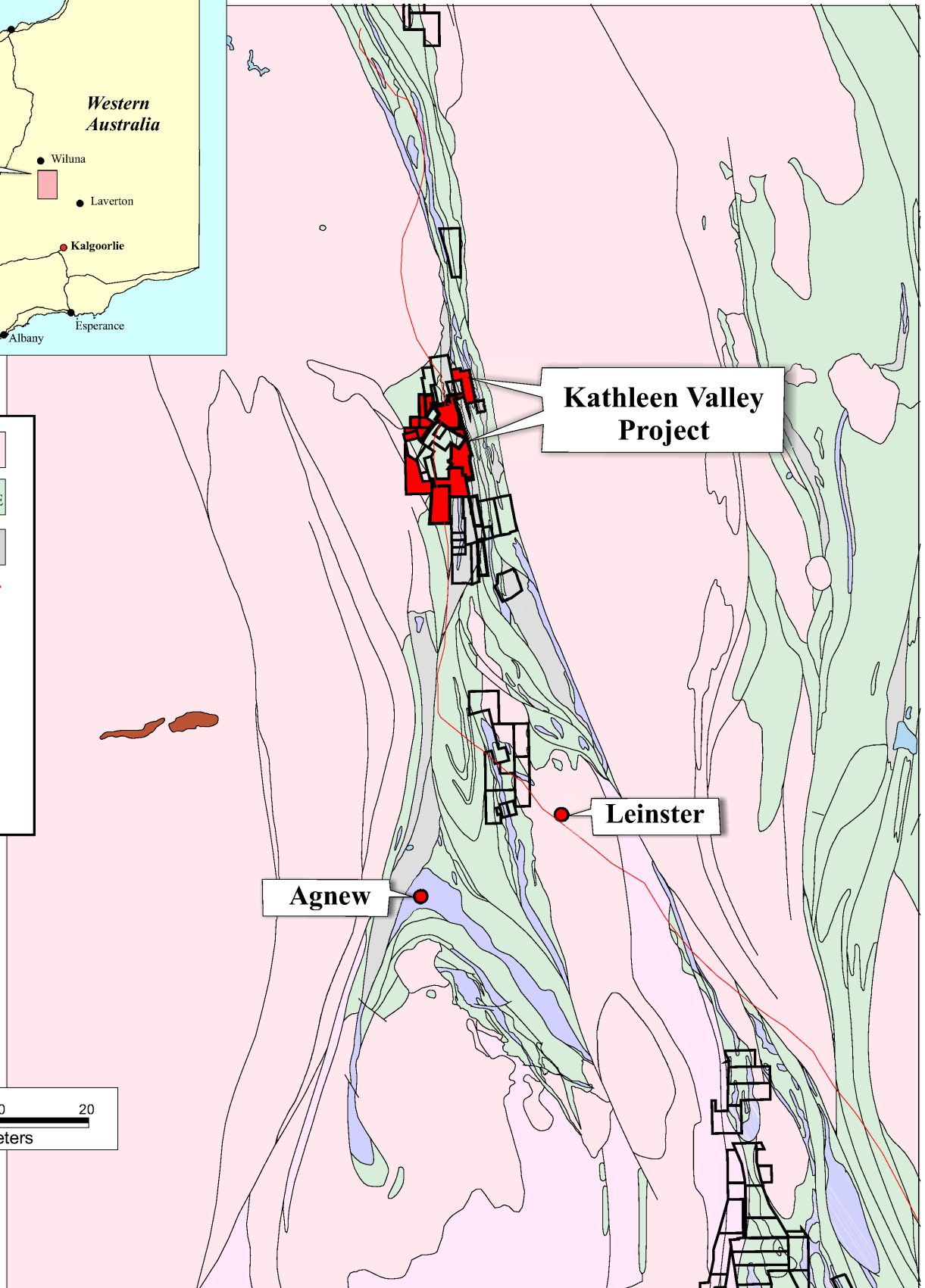
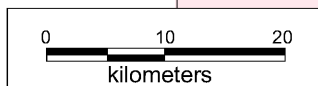
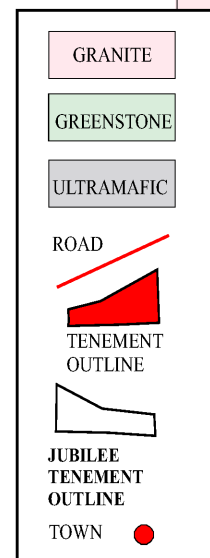
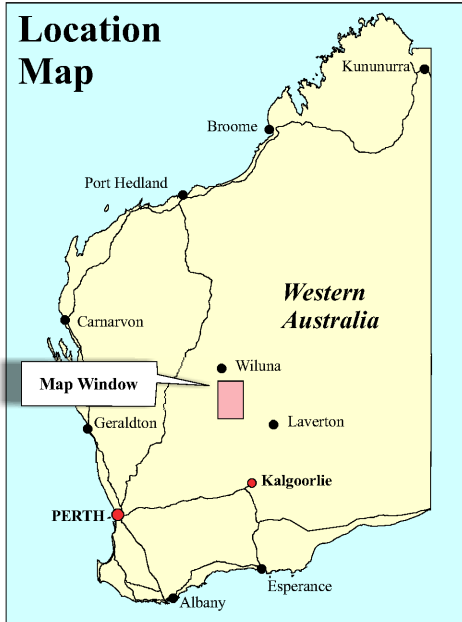
The climate is semi arid to arid with cool winters and hot summers. Rain is commonest in winter with periods of short-term flood and drought being common. The mean annual rainfall is 210mm. January is the hottest month with average temperatures of 22° - 36°; July is the coolest with averages of 6°- 18°.

The variable physiography is reflected in the different varieties of vegetation found within the project area. Essentially the area is characterised by mulga woodlands, acacia shrub lands and both annual and perennial grasses. In areas of outcrop, mulga, sheoak, sago bush, Emu bush and kurrajong are common. Small scrub, mulga and sandalwood are common in flood plain areas. Samphire, saltbush and blue bush are found around the edges of salt lakes with spinifex and mallee confined to the sand plain country.

1.4 Physiography

The project is approximately 500m above sea level, generally undulating with topographic relief no more than 40 – 50m to the west over areas of resistant basalt and gabbro and 25 –30m to the north-east in the Five Creeks area. The topography is dominated by scree-covered hills with well developed drainage in

KATHLEEN VALLEY PROJECT Location Diagram



fresh mafic rocks, which fall abruptly away to diffuse channels in granitic sand plains to the west. A well developed creek system is present across the tenure.

Thick alluvium with common lateritic lags (over mafics) dominates the western edge of the tenure. The ultramafics are deeply weathered and poorly exposed to the east of the tenure. The conglomerates and associated sediments of the Jones Creek Formation (JCC), which comprise the rest of the tenure, are generally covered with a variable thickness of gravely scree. The lateritic profile across the project area is variably eroded and largely stripped in places.

2 Regional Geology

The tenure lies within the Agnew-Wiluna portion of the Norseman-Wiluna Greenstone belt, Figure 3. The belt is attenuated and characterized by major wrench faults, traceable over tens of kilometers, at least two phases of complex folding and generally steep dips. The prospect area lies at the junction of the northwest trending regional Keith Kilkenny Tectonic Zone and the northerly trending Miranda Shear locally referred to as the Kathleen Valley Shear. This junction is characterised by intense shearing and deformation, which has resulted in structural complexities not readily understood on a prospect scale.

The region is prospective for gold, VMS and nickel mineralisation. Gold mineralisation was exploited historically at Kathleen Valley from Yellow Aster, Nils Desperandum, and Mossbecker, and more recently at the Bellevue Gold Mine (total production ~ 800 000 oz) approximately 4.5 km south of the southern tenure boundary. Production records are incomplete; however Yellow Aster had an historical production of 51 854 t @ 20.9 g/t Au, and Nils Desperandum some 22 233 t @ 14.0 g/t Au.

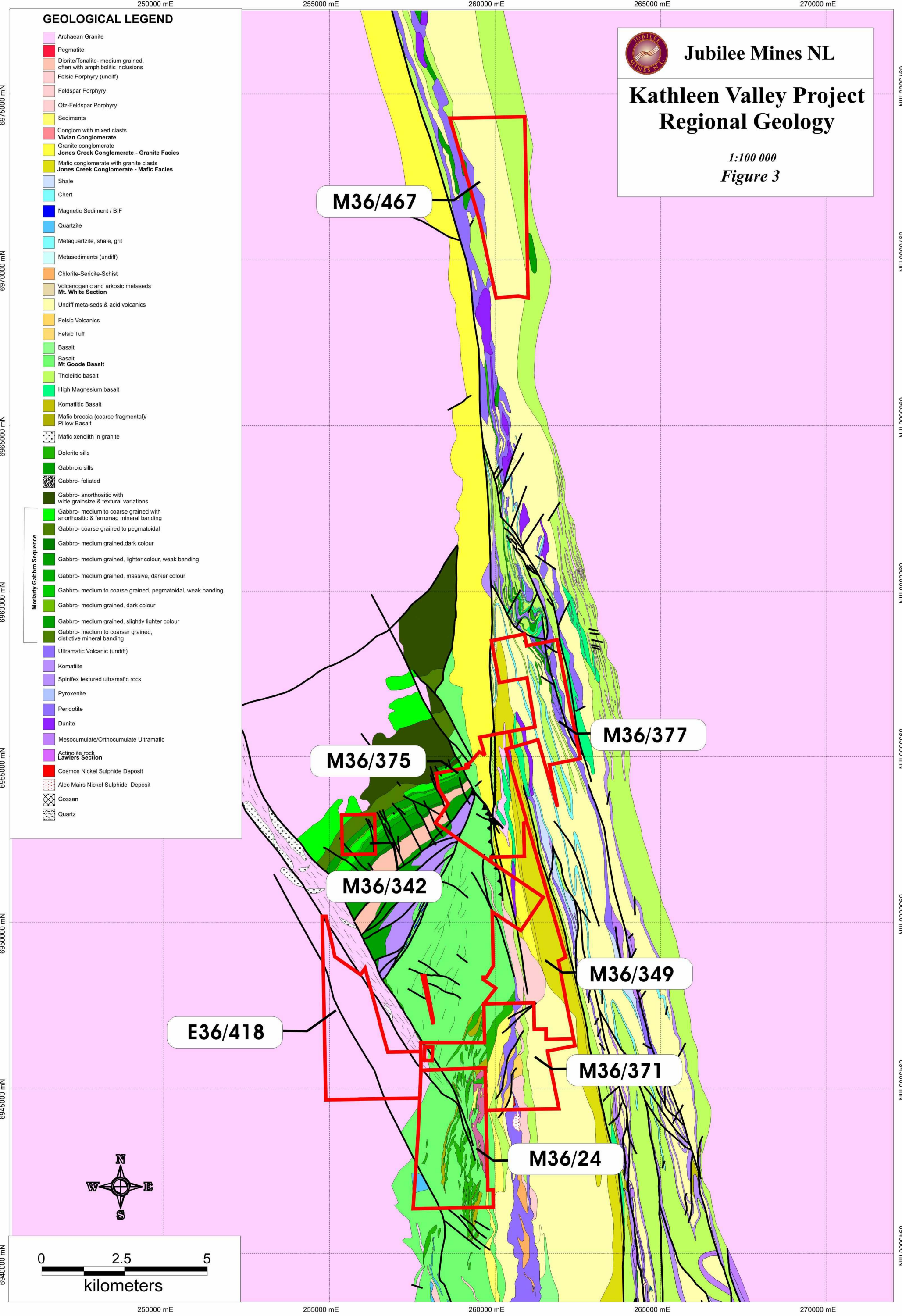
Other nickel sulphide deposits within the region include Perseverance, Rocky's Reward and Harmony (69.8mt @ 2.2% combined) at Leinster, located approximately 40 km south of the tenure, and the Yakabindie (270 mt @ 0.53% Ni), Cliffs (5.7mt @ 2.3%Ni), Mt Keith (420 mt @ 0.6% Ni) and Honeymoon Well Deposits, 80km north of Cosmos with a combined resource of 155mt @ 0.7%Ni which includes the high grade Wedgetail Deposit with 2mt @ 4% Ni.

2.1 Prospect Geology

The project area can be divided into three zones - western, central and eastern. The eastern tenure block of the Kathleen Valley Project area covers the eastern zone and most of the central zone, while the western tenure block covers part of the western zone. See Figure 4.

The western zone is comprised of a northeast striking and southeast facing sequence of tholeiitic lavas, differentiated gabbroic sills and ultramafic chloritic schists. Metamorphic lithologies are amphibolitic with weak to moderate cleavage/foliation.

The eastern lithologies are made up of a sequence of mafic and ultramafic komatiites and felsic volcanic rocks and associated sediments, which dip east.



259500 mE

260500 mE

261500 mE

262500 mE

GEOLOGICAL LEGEND

- Cosmos Nickel Sulphide Deposit
- Alec Mairs Nickel Sulphide Deposit
- Basalt
- Chlorite-Sericite-Schist
- Dolerite
- Feldspar Porphyry
- Felsic Porphyry (undiff)
- Felsic Volcanics
- Felsic volcanics & meta-sediments (undiff)
- Mafic breccia (coarse fragmental)/Pillow Basalt
- Mafic conglomerate with granite clasts
- Meta Volcaniclastic (undiff)
- Peridotite
- Sediments
- Tholeiitic Basalt
- Ultramafic Volcanic (undiff)
- Undiff meta-seds & acid volcanics
- Volcanoclastics
- Tenement Outlines
- Mine Infrastructure

6948000 mN

6947000 mN

6946000 mN

6945000 mN

6944000 mN

6948000 mN

6947000 mN

6946000 mN

6945000 mN

6944000 mN

Mercury**M36/349****Venus****M36/371****Cosmos West****Cosmos****Alec Mairs****M36/24**

0 0.5 1
kilometers

260500 mE

261500 mE

262500 mE

**Jubilee Mines NL**

**Kathleen Valley Project
Prospect Geology**

Figure 4

Metamorphic grade is upper greenschist to lower amphibolite grade. The komatiites which are the target of nickel exploration comprise a sequence of ultramafic flows made up of olivine cumulates, variably serpentinised and foliated. The komatiites are commonly intruded by felsic porphyries. In contact they become serpentinised and sheared talc carbonates. The eastern lithologies generally face east except in the northeast of the tenure at Five Creeks where the komatiites generally dip and face west.

The western and eastern zones are separated by the predominately heterogeneous conglomeratic Jones Creek Conglomerate (JCC), which occupies a large north-south graben structure. This unit with its associated felsic volcanoclastics and sediments lies unconformably over the western gabbroic units. The sequence is composed of well rounded granitoid pebbles and boulders (up to 1m long) set in an arkosic matrix. To the east and south the unit includes increasing amounts of mafic and calc-silicate fragments (Carriport area) with the matrix becoming increasingly volcanoclastic. Where observable the upper and lower contacts are zones of high strain indicating their tectonic origin.

Pegmatites, which were regionally explored during the reporting period, are common within the western and central lithologies. They strike northwest to southeast, are massive, zoned and sub vertical in character and are generally in the order of 20cm to 12m in width. They are composed of quartz, feldspar, muscovite, tourmaline, tantalum and a purple lithium mineral spodumene and/or lepidolite.

Gold mineralisation at Yellow Aster is believed to be confined to a set of quartz veins which dip at 30° north to the north of 10600N (local grid) and 30° south to the south of 10600N within felsic conglomerates stratigraphically equivalent to JCC. It is interpreted that these two vein sets are offset by faulting. The mineralisation is confined to high grade shoots at the margins of the quartz veins. At Nils Desperandum gold mineralisation is confined to two shallow dipping (30° NNW) quartz veins. Gold mineralisation at Mossbecker-Carriport is localised within sericite-arsenopyrite quartz veins along a flat southwest dipping thrust that obliquely cuts the felsic conglomerate. Gold mineralisation at the Main Road Pit (mined by Hunter) is localised along a sulphidic chert which occurs along the faulted contact between the ultramafic talc carbonate schist and the hanging wall amphibolites. At the Bellevue Gold Mine, 4.5 km south of the southern tenure boundary, gold mineralisation is localised within the Mt Goode Basalts intruded by felsic porphyries within the Bellevue Shear. Gold occurs along the shear plane within dilational jogs.

The western contact of the central zone is both sheared and unconformable (Ronk 1995). The eastern contact is poorly exposed and deeply weathered with areas of transported cover completely obscuring the contact. Observations by Ronk and Fey (1998) suggest that this contact is faulted. Archibald (1995) called this zone the 'Kathleen Valley Shear Zone', which he described as a broad zone of anastomising shears.

Three structural events are recognised within the project area, D₁ – D₃. The D₁ event was a WNW-ESE compression resulting in ductile deformation, N-S striking thrusts, and rare steeply south plunging folds contemporaneous with granitoid emplacement. Oblique sinistral reverse movement occurred on pre existing structures e.g. Yakabindie Shear and the Hotel Fault.

The D₂ event was a WNW-ESE compression, which progressively rotated to a NE-SW compression resulting in ductile deformation, regional N plunging folds, and early sinistral and later dextral strike-slip movement on shears. Regional dextral wrenching on the Miranda Shear produced complex vein arrays.

The D₃ event is believed to be associated with the emplacement of gold mineralisation. The event is associated with NE-SW extension, brittle-ductile reactivation of shears with normal sinistral movement on NW-NNW shears. Both Main Road and Mossbecker mineralisation is believed to be controlled by this event on NNW structures.

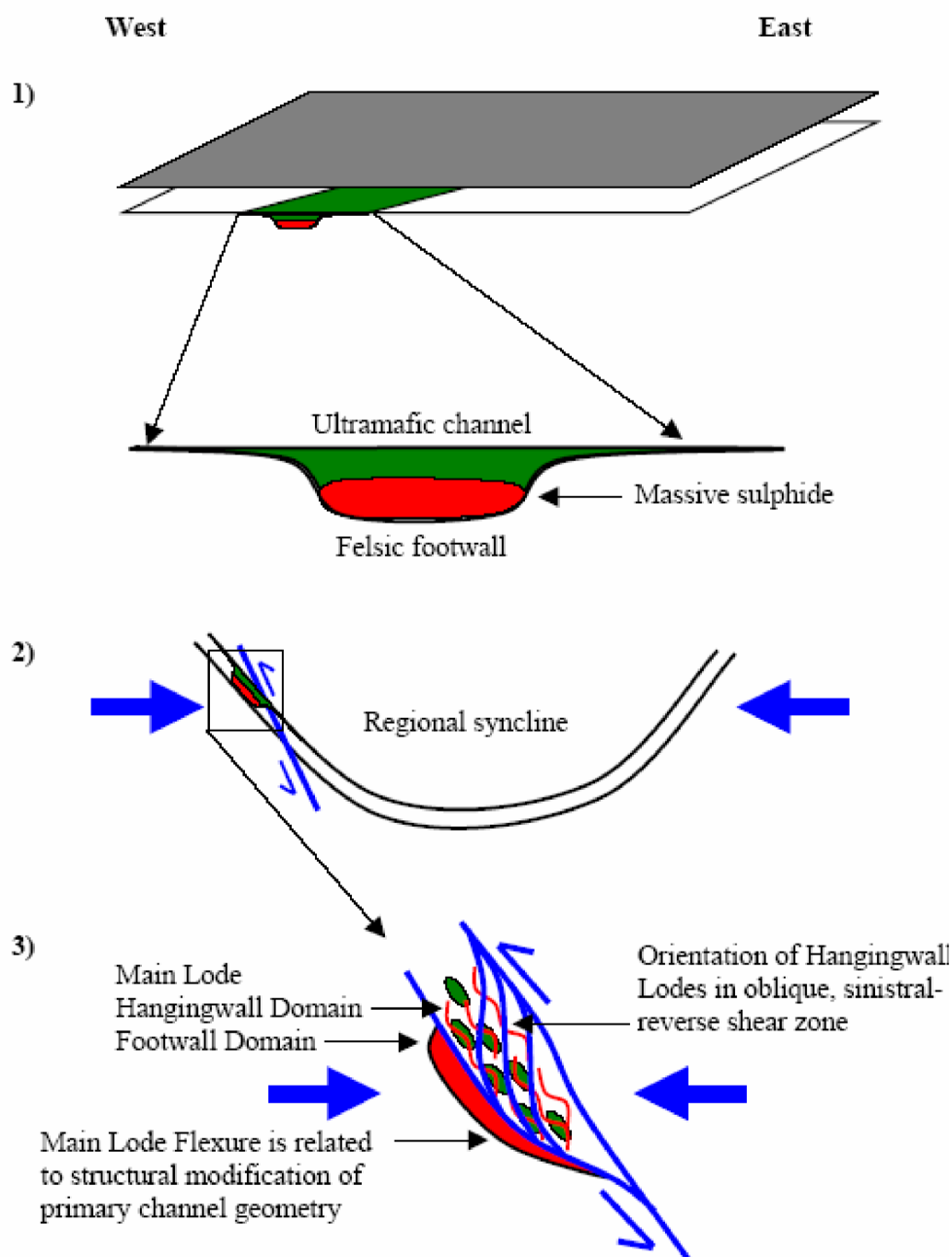
2.2 Geology of the Cosmos Deeps Nickel Sulphide Deposit

The Cosmos Nickel deposits are komatiite-associated massive nickel sulphide deposits located on the basal ortho-cumulate/felsic volcanic/volcaniclastic contact. The Cosmos Nickel deposit was mined out in 2003 when mining commenced on the Cosmos Deeps massive nickel sulphide ore body.

The Cosmos Deeps mineralisation lies some 470m below surface. The ore is located in 2 main zones, the **Main Lode** and **Hangingwall Lode**. The **Main Lode** is interpreted to represent primary massive sulphide comprised predominantly of matrix-massive sulphides. The sulphide assemblage comprises pentlandite set in a fine grained groundmass of pyrrhotite and pentlandite with lesser pyrite and chalcopyrite. Average nickel grades are typically between 12-13% depending on the amount of wall rock within the matrix. The sulphides occupy an interpreted basal embayment within felsic volcanic footwall to the Cosmos Ultramafic. The host ultramafic at this location appears to have been faulted out leaving the Cosmos Deeps ore body entirely hosted within felsic volcanics. The ore strikes 340° NW with a shallow easterly plunge. A flexure occurs within the Main Lode at the 9945 level. The average dip above this level is at 70° and the average dip below is at 50°. Closed joints are more common in the upper steeper dipping zone compared to quartz-carbonate veins below the 9945 level. This flexure is believed to be related to the primary shape of the main lava channel. This flexure has defined the mining methods employed underground with ore above the flexure being mined via open stoping whilst that below by cut-and-fill methods.

The **Hangingwall Lode** lies some 20-30m above the Main Lode and is roughly sub- parallel to it. Sulphides are commonly sheared and brecciated as blebby and stringer sulphides variable in grade from 1-15% Ni and comprised of both pentlandite and pyrrhotite as above. The Hangingwall Lode lies within a large shear zone which has developed along the upper margin of the ultramafic channel that hosts the massive nickel sulphides (M\$). The Hangingwall domain lies within

an oblique sinistral-reverse shear zone which has developed along the upper contact to the primary ultramafic channel. The average strike of the Hangingwall Lode is N-S which is probably related to the S-C shear fabric development during E-W compression. The shearing has occurred along the upper margins of the ultramafic channel where the hydrothermal alteration is greatest. A schematic cross section showing the stratigraphic and structural features of the Cosmos Deposit is given below.



3 Discussion of 2005 Work

3.1 Soil Geochemistry-Mercury-M36/349, 371

A soil survey was undertaken over an area north of Cosmos previously identified as the Mercury Prospect to geochemical map and evaluates the known fertile komatiite units and to provide a fundamental exploration data set for this mineralized region. A -250 um soil survey on a 200 x 50 m grid was undertaken to provide a fundamental exploration data set for this mineralized region. A total of 620 samples including duplicates and certified reference materials (CRM's) were submitted for analysis. Sampling was conducted using the prescribed Jubilee Mines Soil Sampling protocol (Appendix 1) with (CRM's) and field duplicates included at a rate of 4 per 100 samples (i.e. QAQC represents 8% of total samples).

Sampling was undertaken by *Jeandrex Field Services*. Basic field information was collected during sampling in accordance with the Jubilee Soil legend, see Appendix 1.

Soil samples were dispatched to the ACME Laboratory in Vancouver, Canada for analysis by aqua regia using the Assay Scheme **Gp1FMS** for 39 elements. This method utilises a 30 gram charge which has been leached with a 3 acid (HCL-HNO₃-H₂O) digest. Analysis is by ICP/ES and MS.

Data Manipulation and Evaluation

Elements were transformed to evaluate the significance of their correlations and to enable outliers to be identified and perform multivariate statistics (MVS).

A number of techniques were then used to maximize the information gained from the data set to identify anomalous areas including:

- Element correlations
- Identifying outliers through Z scores (data transformed)
- Identifying outliers through key breaks in data (normal probability plot)
- Element ratios (Ni:Cr, Cu:Zn, Kambalda Ratio)
- Principal Component Analysis (PCA)

Anomalies Generated.

Following the geochemical evaluation of the raw and transformed data sets 10 geochemical anomalies have been generated. Of these, five are related to Ni associated with komatiitic lithologies, three are Au related and the remaining two are low order related PCA6 structural trends to structure, see Figure 5.

COS_003 – Cosmos West – Cosmos North: Characterized by anomalous Ni, Cr KR, NiCr, Pt +/- Cu and overlying the Cosmos ultramafic unit. Field inspection indicates the Cosmos North and West Anomaly is situated on an erosional landscape (truncated) described as a stripped pediment covered by deflated resistant materials. These materials are dominated by quartz rubble with occasional disconnected ferruginous duricrust on very slight topographic mounds.

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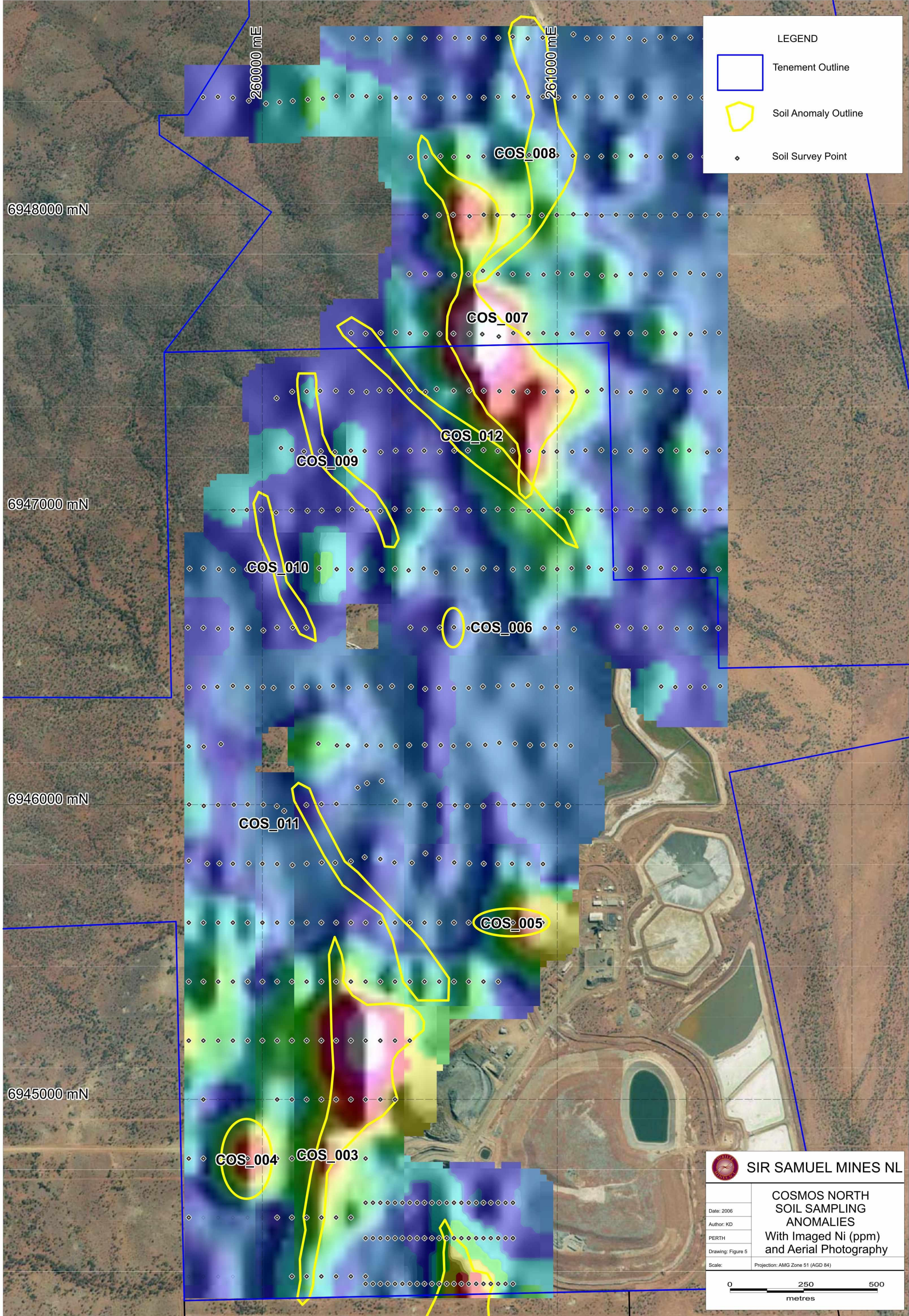
Soils are typically thin (<0.5m); these and underlying weathered lithologies are hardpanised. Isolated mounds of non-ferruginised weathered komatiites are present containing massive apple green siliceous serpentine in contact with ferruginised serpentine (gossanous) material (6945255mN 260348mE). Saprolitic dunitic komatiites (6945316mN, 260324mE) are occasionally preserved in stream channels. The anomaly is truncated to the north by a creek system. Twelve rock-chip samples were collected for analysis with three rock chips in the north of the anomaly returning an average of 1470 ppm Ni and 165 ppm Cu (see **1.2**).

Table 2: Cosmos 3-Soil Anomaly –Key Element Data

AMG North	AMG East	Sample ID	Au ppb	Ag ppm	As ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Ni ppm	Pd ppm	Pt ppm	Zn ppm
694440	26015	400003	0.7	0.005	3.2	141.5	19.74	3.2	182	37.7	-0.01	-.002	18.5
694460	26015	400005	1.8	0.018	3.3	109.3	21.96	3.2	310	37.2	-0.01	-.002	27.3
694460	26020	400005	2.6	0.015	3.1	126.3	24	3.1	324	62.2	-0.01	-.002	29.6
694480	26020	400006	22.4	0.019	8	207.2	19.98	3.2	384	84.7	-0.01	-.002	23
694500	26025	400008	0.6	0.011	9.7	180.4	16.81	2.9	266	80.5	-0.01	0.002	31.2
694500	26030	400008	1.1	0.012	4.9	145.8	21.42	3.4	443	43.2	-0.01	0.003	25.2
694500	26035	400008	0.5	0.007	4.6	361	23.55	3.9	368	186.3	-0.01	0.002	24.5
694500	26040	400008	1.3	0.009	6.3	260.3	18.74	3.8	868	28.8	-0.01	0.002	9.7
694500	26045	400008	7.7	0.007	4.3	97.2	15.54	2.2	1817	65.2	-0.01	0.003	16.5
694520	26025	400009	0.5	0.016	3	340.4	27.08	3.4	341	243.2	-0.01	0.002	33.4
694520	26030	400009	1.7	0.028	3.4	209.5	26.91	3.6	358	129.3	-0.01	0.003	35.7
694520	26035	400010	1.7	0.018	3	709.8	23.94	4.1	273	789.5	-0.01	0.003	37.3
694520	26040	400010	0.4	0.007	3.3	321.9	18.3	3.3	330	78.5	-0.01	-.002	20
694520	26045	400010	0.5	0.008	3.5	337.1	20.15	3.6	197	93.7	-0.01	0.002	17.9
694520	26050	400010	1.5	0.009	3.2	203.3	17.37	3.1	138	38.6	-0.01	0.002	11.1
694540	26025	400011	1.4	0.01	3.6	154	16.51	2.5	186	72.8	-0.01	-.002	14.6

Recommendations: It is strongly recommended to infill this anomaly using a 30 x 30m offset grid.

Priority: **High**



LEGEND

- Tenement Outline
- Soil Anomaly Outline
- Soil Survey Point

SIR SAMUEL MINES NL

**COSMOS NORTH
SOIL SAMPLING
ANOMALIES**
With Imaged Ni (ppm)
and Aerial Photography

Date: 2006	Projection: AMG Zone 51 (AGD 84)
Author: KD	
PERTH	
Drawing: Figure 5	
Scale:	

0 250 500
metres

Figure 5

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COS_004 – Far West Cosmos: Characterized by anomalous Ni, Cr KR, NiCr, and Pt +/- Cu and overlying a possible extension to the Comos ultramafic unit, although only developed on one line. Field inspection indicates Far West Cosmos Anomaly is situated on an erosional landscape (truncated) described as a stripped pediment covered by deflated resistant materials. These materials are dominated by quartz rubble with occasional disconnected ferruginous duricrust on very slight topographic mounds. Soils is typically thin (<0.5m).

Table 3: Cosmos 4-Soil Anomaly –Key Element Data

AMG North	AMG East	Sample ID	Au ppb	Ag ppm	As ppm	Cr ppm	Cu ppm	Fe %	Ni ppm	Pb ppm	Pd ppm	Pt ppm	Zn ppm
6944800	259900	4000061	6.2	0.016	4.1	134	29.84	3.23	78.8	7.17	-0.01	-.002	34.9
6944800	259950	4000062	1.9	0.012	4.3	112.6	33.85	3.57	115.5	8	-0.01	-.002	27.9
6944800	260000	4000063	1.6	0.019	3.6	120.3	25.02	3.33	61.5	8.65	-0.01	-.002	29.3

Recommendations: It is strongly recommended to infill this anomaly using a 30 x 30m offset grid as part of the Cosmos North infill program.

Priority: Medium – High

COS_005: Characterized by anomalous Ni, Cr KR, NiCr, and Pt +/- Cu directly west of the ROM pad. The area is considered contaminated.

Table 4: Cosmos 5-Soil Anomaly –Key Element Data

AMG North	AMG East	Sample ID	Au ppb	Ag ppm	Al ppm	As ppm	Cr ppm	Cu ppm	Fe %	Ni ppm	Pb ppm	Pd ppm	Pt ppm	Zn ppm
6945600	260750	4000153	1.6	0.009	6900	3.1	109.8	19.67	3.39	29.3	6.92	-0.01	0.002	8.2
6945600	260800	4000154	1.8	0.008	6200	3	101.2	17.79	3.03	34.8	5.94	-0.01	-.002	8.7
6945600	260850	4000155	1.2	0.009	6300	3.8	99.8	19.9	3.15	79.6	6.01	-0.01	-.002	11.2
6945600	260900	4000156	0.5	0.009	5300	3.4	121	20.87	3.04	71.9	5.29	-0.01	-.002	13.1
6945600	260950	4000157	3.8	0.015	8000	5.8	127.1	25.67	4.71	61.6	8.47	-0.01	0.005	10.9

Action and Recommendations: Field inspect to ensure this anomaly is a function of contamination

Priority: Low

COS_006 – Venus: A single point anomaly characterized by anomalous Ni, Cr KR, NiCr, Pt +/- Cu an extension to the Comos ultramafic unit. The Venus area is situated on an erosional landscape (truncated) described as a stripped pediment covered by deflated resistant materials. These materials are dominated by quartz rubble and ferruginous duricrust. Soils is typically thin (<0.5m) with occasional “day-lighting” of underlying silicified and ferruginous lithologies. The anomaly is truncated to the north by a creek system. Eleven rock chip samples have been collected for analysis. The best rock chip on the anomaly returned 142 ppm Cu, 810 ppm Ni, 4 ppb Pd & 11.4 ppb Pt with a second rock chip taken 380m north returning 442 ppm Cu, 435 ppm Ni, 3 ppm Pd & 8.7 ppb Pt (see I.2).

Table 5: Cosmos 6-Soil Anomaly –Key Element Data

AMG North	AMG East	Sample ID	Au ppb	Ag ppm	As ppm	Cr ppm	Cu ppm	Fe %	Ni ppm	Pd ppm	Pt ppm	Zn ppm
6946602	260650	4000326	0.4	0.006	3.4	368.4	26.99	4.26	30	-0.01	0.005	12.2

Action and Recommendations: Following field inspection and confirmation of a residual regolith environment it is strongly recommended to infill this anomaly using a 30 x 30m offset grid as part of the Cosmos North infill program.

Priority: Medium - High

COS_007 – Mercury: Characterized by anomalous Ni, Cr KR, NiCr, and Pt +/- Cu and overlying the Comos ultramafic unit. The Apollo region is typically a stripped erosional landscape with low topographic relief. Lithologies are well exposed, weathered with occasional ferruginous Fe-stone developed at surface. Soils is typically thin (<0.5m). One rock chip sample has been collected for analysis at 6948000mN 260670mE (see 1.2) returning 244 ppm Cu, 1435 ppm Ni, 14 ppb Pd and 16 ppb Pt and indicating the presence of a **NiS gossan**.

Table 6: Cosmos 7-Soil Anomaly –Key Element Data

AMG North	AMG East	Sample ID	Au ppb	Ag ppm	As ppm	Cr ppm	Cu ppm	Fe %	Ni ppm	Pd ppm	Pt ppm	Zn ppm
6947200	260905	4000452	3.4	0.017	23.6	224.5	25.73	3.09	174.4	-0.01	0.003	53.2
6947404	260751	4000489	1.2	0.009	4.3	265.3	23.61	4.03	139.6	-0.01	0.002	19.9
6947403	260804	4000490	0.9	0.01	5	186.7	20.93	3.44	71.5	-0.01	0.003	17.6
6947401	260851	4000491	1.7	0.009	4.3	168.4	24.44	3.38	67.1	-0.01	0.003	22.2
6947401	260899	4000492	1.2	0.011	4.4	171	24.94	3.47	68.2	-0.01	0.002	20.6
6947399	260955	4000493	1.8	0.01	5.4	183.6	26.06	3.38	79.8	-0.01	0.002	24.1
6947402	261000	4000494	1.6	0.009	5.7	160.6	24.36	3.4	60.9	-0.01	0.002	21.5
6947401	261051	4000495	0.9	0.009	5.4	146.8	23.61	3.45	50.8	-0.01	0.003	22.8
6947598	260648	4000527	2.8	0.011	4.1	203.6	21.8	3.21	252	-0.01	-0.002	23.5
6947597	260703	4000528	1.5	0.012	4	316	26.86	4.2	616.2	-0.01	0.003	30.8
6947596	260746	4000529	1.2	0.012	6.6	417.2	26.16	4.78	589.3	-0.01	0.007	25.6
6947588	260802	4000530	2.7	0.011	3.4	195.8	15.2	2.84	199.4	-0.01	0.002	25.1
6947600	260851	4000531	0.5	0.013	3.9	139	17.74	2.92	60.4	-0.01	0.002	17.6
6947800	260699	4000565	3.7	0.011	3.1	127.4	25.36	3.81	56.4	-0.01	0.002	16.4
6948001	260647	4000597	3	0.018	3.8	165.7	31.18	3.21	123.6	-0.01	0.002	35.2
6947996	260703	4000598	5.5	0.017	3.6	128.2	22.99	2.27	91.3	-0.01	-0.002	33.4
6948001	260751	4000599	5.8	0.016	3.1	95.8	18.41	2.44	42.4	-0.01	-0.002	27.4
6948000	260797	4000600	1.5	0.013	6.1	175.2	18.68	2.8	76.5	-0.01	-0.002	16.8
6948197	260554	4000636	3.8	0.031	2.9	131.2	79.5	4.08	31.5	-0.01	0.004	21.1

Action and Recommendations: It is strongly recommended to infill this anomaly using a 30 x 30m offset grid as part of the Cosmos North infill program.

Priority: High

Gold Associated Anomalies

COS_008: Characterized by anomalous Cu-Ag-As +/- Au and situated along the contact between felsic porphyry and tholeiitic basalt.

Table 7: Cosmos 8-Gold-Soil Anomaly –Key Element Data

AMG North	AMG East	Sample ID	Au ppb	Ag ppm	As ppm	Cr ppm	Cu ppm	Fe %	Ni ppm	Pb ppm	Pd ppm	Pt ppm	Zn ppm
6947811	260748	4000566	1.8	0.035	3.6	112.1	33.3	3.58	33.4	9.42	-0.01	0.002	27
6947999	260948	4000604	24.8	0.015	44.9	156.3	31.02	3.2	35.9	7.18	-0.01	-0.002	29
6948204	260905	4000643	5.3	0.018	81.7	173.6	31.04	3.19	43.5	7.52	-0.01	-0.002	32
6948201	260953	4000644	3	0.065	33.3	111.7	28.77	2.92	30.3	31.41	-0.01	-0.002	33.6
6948202	261000	4000645	2.3	0.009	6.7	106.2	17.61	2.83	12.2	7.74	-0.01	-0.002	14.6
6948201	261053	4000646	100.2	0.055	5	118.9	17.13	2.81	11.2	6.48	-0.01	-0.002	14
6948402	260952	4000683	3.3	0.009	4.9	100.7	22.81	4.05	12.2	7.65	-0.01	-0.002	18
6948605	260849	4000717	17.5	0.014	3.4	92.9	47.4	3.64	42.9	2.81	-0.01	-0.002	36.8
6948599	260900	4000718	6.3	0.011	3.9	96.1	24.85	3.49	15.4	5.7	-0.01	-0.002	17.2
6948602	260951	4000719	13.3	0.01	6.1	104.7	24.32	3.03	9.5	2.91	-0.01	-0.002	8.2

Action and Recommendations: No action has been taken to date due to current lower priority of AU to Ni.

Priority: Medium.

COS_009: Characterized by anomalous Cu-Ag-As +/- Au tending NW-SE and perpendicular to the lithological strike.

Table 8: Cosmos 9-Gold-Soil Anomaly –Key Element Data

AMG North	AMG East	Sample ID	Au ppb	Ag ppm	As ppm	Cr ppm	Cu ppm	Fe %	Ni ppm	Pd ppm	Pt ppm	Zn ppm
6946996	260400	4000401	8.7	0.014	2.9	72.6	50.06	2.57	14.5	0.011	0.003	17.7
6947199	260198	4000437	0.6	0.018	2.6	98.6	52.34	2.84	17.8	-0.01	0.003	18.7
6947402	260150	4000476	3.5	0.046	4.2	108	66.86	3.32	26.8	-0.01	0.005	24.3

Priority: Low.

3.2 Soil Geochemistry-Vanguard-M36/24

A total of 446 soil samples (including duplicates) were collected and assayed as per the Mercury soil sampling, on a 200 x 50m grid.

The landscape of the Orleans-Vanguard Area is generally flat-lying, with large areas of alluvial floodplain, colluvium, and the Lake Miranda lacustrine environment to the south. Ridges and low hills of greenstones are common to the west around Bellevue.

The regolith within the Vanguard region is situated within a truncated erosional landscape. A -250µm soil survey was undertaken over M36/24 (Vanguard-Kathleen Valley) to:

- Provide a fundamental data set for the region.
- Map out the lithologies within these tenements and provide a comprehensive data set to aid in geological mapping.

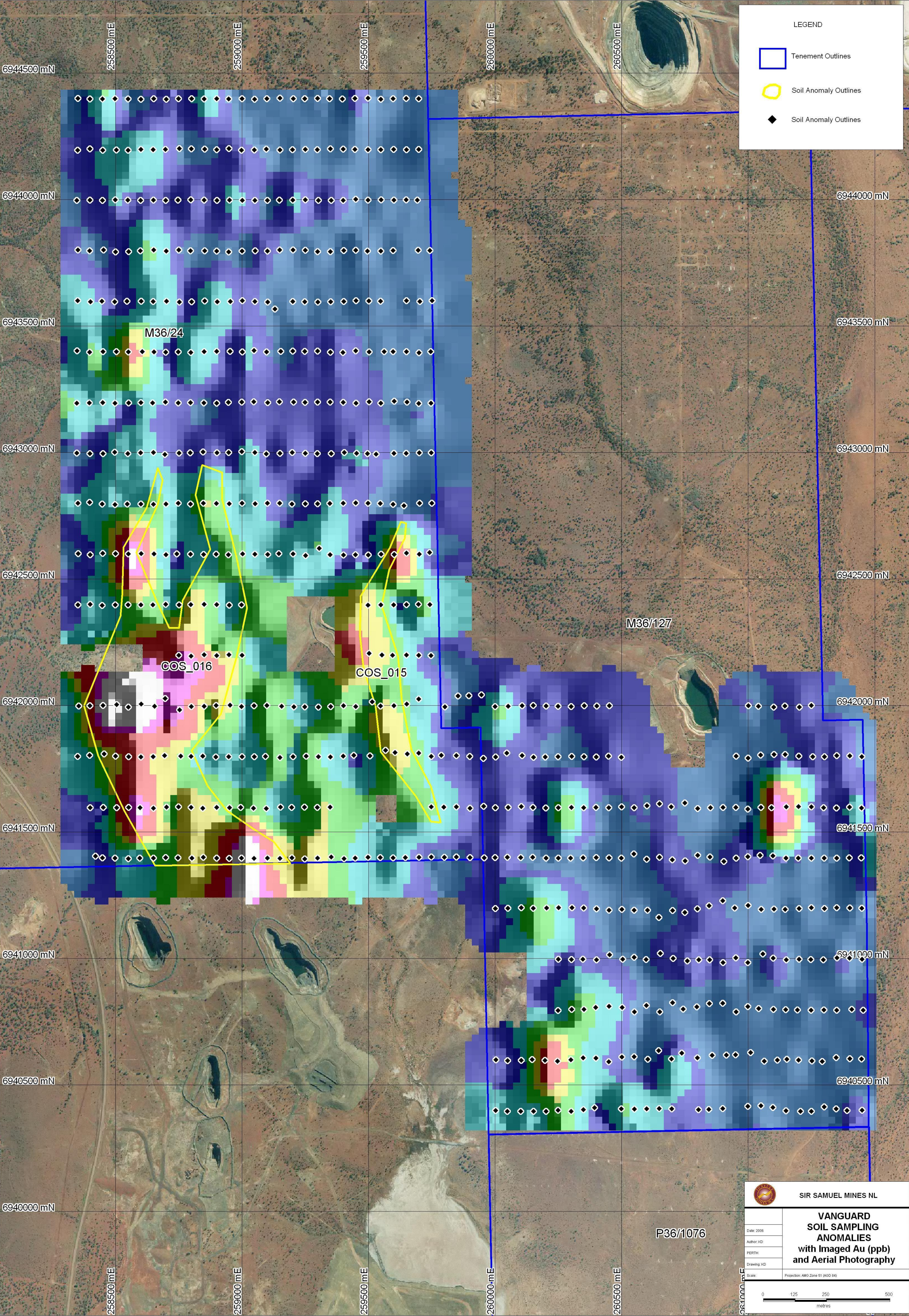


Figure 6

- Define potential areas which may be host to NiS within the area sampled and define areas of interest for potential Au mineralization.
- Map out mineralization/lithological trend through shallow cover and provide a comprehensive data set for regolith mapping.
- Identify potential controlling structures related to and controlling Au and Ni.

No nickel anomalies were identified within the dataset, two gold related anomalies COS_15 and COS_16 have been historically intensively drilled, see Figure 6.

3.3 Rock Chip Sampling

During soils sampling reconnaissance and field checking of anomalous sites a total of 32 rock chips were collected from Apollo, Venus, Vanguard and Cosmos North. Samples were dispatched to ALS Laboratory for analysis of Al, Ca, Cr, Cu, Fe, K, Mg, Mn, Na, Ni, Pb, S, Ti, V, Zn, Ag, As, Bi, Cd, Co, Mo, Sb, Se, TE, W, Zr, Au, Pt and Pd. Au, Pt and Pd were analysed by method PGM-MS23, elements Ag to Zr were analysed by method ME-MS62 and the remaining elements by method ME-ICP61s.

Method PGM-MS23- This is a precious metal analysis utilising a 30 gram charge, aqua regia digest with Fire Assay-ICPAES (Inductively coupled plasma atomic emission spectrometry) detection.

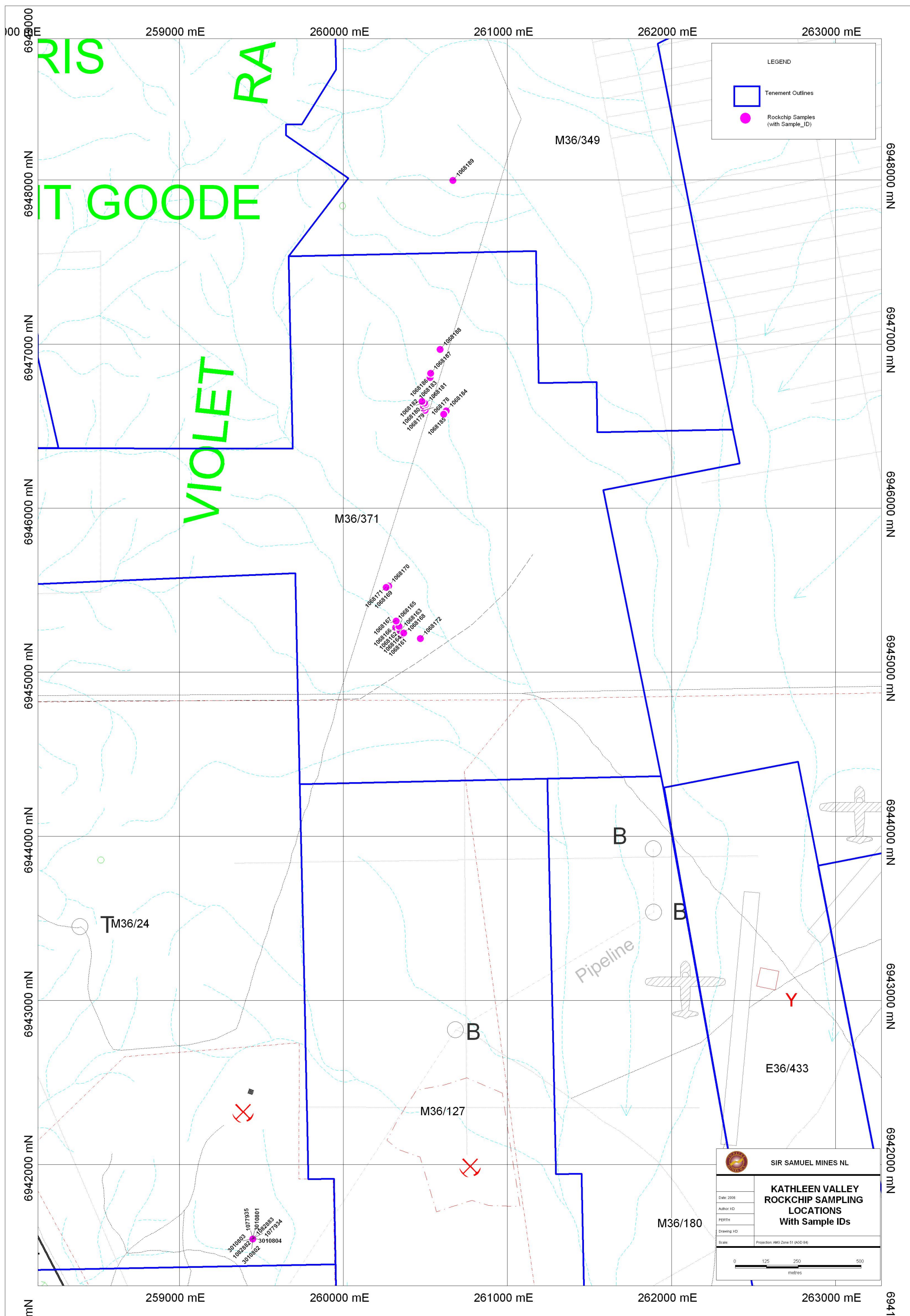
Method ME-MS62s- This method uses a 4 acid digest of HF-HNO₃-HClO₄ acids with an HCL leach and ICP Mass Spectrometry detection.

Method ME-ICP61s- This method uses a 4 acid digest of HF-HNO₃-HClO₄ acids with an HCL leach and inductively coupled plasma atomic emission spectrometry (ICP) detection.

Sample details are given in Table 9 with raw assay results given in Appendix 2. Samples are located in Figure 7. Sample results are discussed above in 3.1 in conjunction with soil analysis.

Table 9: Rock Chip Locations

SampleID	AMG North	AMG East	Tenement	Prospect	Predominant Lithology
1068189	6948000	260670	M36/349	Apollo	Residual Lateritic Duricrust
1068161	6945234	260361	M36/371	Cosmos North	Silicified Ultramafic
1068162	6945256	260344	M36/371	Cosmos North	Silicified Ultramafic
1068163	6945255	260348	M36/371	Cosmos North	Silicified Ultramafic
1068164	6945256	260347	M36/371	Cosmos North	Residual Lateritic Duricrust
1068165	6945283	260341	M36/371	Cosmos North	Silicified Ultramafic



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1068166	6945276	260320	M36/371	Cosmos North	Residual Lateritic Duricrust
1068167	6945316	260324	M36/371	Cosmos North	Dunite
1068168	6945243	260370	M36/371	Cosmos North	Residual Lateritic Duricrust
1068169	6945521	260274	M36/371	Cosmos North	Residual Lateritic Duricrust
1068170	6945529	260277	M36/371	Cosmos North	Residual Lateritic Duricrust
1068171	6945520	260262	M36/371	Cosmos North	Residual Lateritic Duricrust
1068172	6945208	260471	M36/371	Cosmos North	Residual Lateritic Duricrust
3010801	6941550	259450	M36/24	Vanguard	Residual Saprolite
3010802	6941550	259450	M36/24	Vanguard	Quartz
3010803	6941550	259450	M36/24	Vanguard	Quartz
3010804	6941550	259450	M36/24	Vanguard	Residual Ferruginous Saprolite
1077934	6941550	259450	M36/24	Vanguard	Quartz
1077935	6941550	259450	M36/24	Vanguard	Basalt
1082882	6941550	259450	M36/24	Vanguard	Residual Clay Zone
1082883	6941550	259450	M36/24	Vanguard	Quartz
1068178	6946599	260499	M36/371	Venus	Residual Lateritic Duricrust
1068179	6946613	260489	M36/371	Venus	Residual Lateritic Duricrust
1068180	6946627	260489	M36/371	Venus	Residual Lateritic Duricrust
1068181	6946635	260503	M36/371	Venus	Residual Lateritic Duricrust
1068182	6946643	260496	M36/371	Venus	Residual Lateritic Duricrust
1068183	6946654	260481	M36/371	Venus	Residual Lateritic Duricrust
1068184	6946597	260628	M36/371	Venus	Residual Lateritic Duricrust
1068185	6946576	260614	M36/371	Venus	Residual Lateritic Duricrust
1068186	6946799	260531	M36/371	Venus	Residual Lateritic Duricrust
1068187	6946825	260533	M36/371	Venus	Residual Lateritic Duricrust
1068188	6946970	260591	M36/371	Venus	Residual Lateritic Duricrust

3.4 Review of Pegmatites & Copper Potential of Kathleen Valley

During the period a desktop review of the potential of the tenure to host economic tantalum/niobium (Ta_2O_5/Nb_2O_5) within the pegmatite dyke swarms and copper mineralisation within the gabbroic layered intrusion was researched. Data was sourced mainly from previous DoIR annual technical reports.

Pegmatites

Extensive rock chip sampling was conducted over the pegmatites between 1998-2002 (all reported previously to the DoIR). No niobium or Li enrichment was encountered. The best grades identified are defined in Table 10.

Table 10: Maximum Kathleen Valley Pegmatite Results-1998

Sample ID	AMG East	AMG North	Li %	Ta ppm	Nb ppm	Sn %
KVTGR055	260267	6954160	0.381	323	63	0.00987
KVTGR049	259888	6948444	0.0019	407	46.6	0.00176
Greenbushes			2.8	590	400	0.15

The Greenbushes Pegmatite deposit within Western Australia is a benchmark; the produces a **2.8% Li and 590ppm Ta concentrate**. Within the Kathleen Valley pegmatites the Ta is enriched on the edges of the dyke with Li being enriched within the centre of the dykes. The Kathleen Valley Pegmatites are generally between a width of 0.2-12m and <200m to ~1km in length. Swarms are concentrated around Mercury Prospect and Mossbecker. The grade and dimension of the dykes sampled indicate that they are unlikely to host significant economic accumulations of Li and Ta.

Copper

Soil sampling and rock chip sampling in 1996-2000 highlighted Au/Cu anomalies coincident with NNW trending shares within the Kathleen Valley Gabbro Complex. This mineralisation is probably related to Kathleen Valley – Bellevue gold mineralisation. The NW-NNW shear zones, and the Hotel and Mt Mann Faults are interpreted to be deep fault zones, along which hydrothermal fluids have migrated and been deposited within zones of rheological contrast. Gold and possibly silver are related to this event, and the copper is interpreted as being leached from the gabbro. Copper is commonly enriched in the pyroxene lattice of gabbros, and metamorphism of the pyroxene to hornblende would cause remobilisation and precipitation of the metal, producing the observed copper. No significant Cu/Au values were returned from the gabbroic shears however NW trending shears felsic porphyry and sediments produced a number of anomalous Cu/Au rock chips, see Table 11.

Table 11: Anomalous Mercury Cu/Au Rock Chips

Prospect	Tenure	Geology	Sample ID	AMG East	AMG North	Cu %	Au ppm
Mercury	M36/371	Seds	KVTGR133	256710	6952302	0.702	0.14
Mercury	M36/371	Seds	1287/14	258500	6959070	0.68	0.53
Mercury	M36/371	Seds	KVTGR221	258121	6954457	0.643	0.358
Mercury	M36/371	Seds	KVTGR204	258662	6954730	0.595	0.347
Mercury	M36/371	Seds	KVTGR234	258490	6958731	0.571	1.55
Mercury	M36/371	Seds	KVTGR140	256410	6952164	0.481	0.037

3.5 Resource Modelling- Mossbecker-Yellow Aster-Nils Desperandum

A resource estimate was conducted on the Mossbecker/Yellow Aster gold in Jones Creek Conglomerates. *These resources are not JORC complaint.* They are summarised bellow in Table 12.

Table 12: Summary of Kathleen Valley Gold Resources

Resource	No of	Block	Model	Kriging	Drill	Cut-off	Model	Grade	Au
	Domains	Size(m)	Orientation	Method	Density	g/t Au	Tonnes		Oz
Mossbecker	6	10x5x2.5	0°	Ordinary	25 x 12.5m	0.00	1,050,887.00	2.29	77,270.00
Yellow Aster	6	10x5x2.5	0°	Ordinary	25 x 12.5m	0.00	2,298,096.00	1.44	106,385.00

Variography Package Snowden V6.00

Mining Package GEMS V5.52

3.6 RC Drilling

RC drilling was carried out at a number of prospects and targets during the period, details of each program are given below. A total of 66 holes for 6655m and 5269 laboratory assay samples were completed. All of the holes were drilled by contractor **Target Drilling** using a **Hydco 350 5.25"** drill rig fitted with a 1050 CFM 380 PSI air compressor with a 4^{1/2} " drill string and 5^{1/2} " face hammer, with the exception of the Five Creeks drill holes, FCC29-38, which were drilled by contractor **Drillcorp Western Deeps Hole** using a **Schramm 5.5"** face hammer.

The Ilias, South Yellow Aster and North Carriport drilling targeted the gold mineralisation within the Jones Creek conglomerates. Due to the complexity of gold sampling and the nugget effect caused by coarse gold, the following sampling procedures were adopted:

- Drill samples were collected every meter and cone split into calico bags.
- The bulk sample was tipped on to the ground in sample rows of 20.
- Spillage outside of the splitter was kept to a minimum.
- Splitter was cleaned by air hose regularly.
- No wet samples were put through splitter. Wet samples were collected in polyweave bags and left to drain. These were spear sampled once the excess water has drained.
- No over drilling in the last metre was allowed to prevent irregular sample sizes.
- Holes were blown dry at the start of a new rod before drilling commenced, in order that the samples were kept dry.

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- With the use of water injection dust was minimised to reduce the loss of fines.
- Weights of calico bags were recorded.
- A duplicate sample was collected on the basis of 1 in 20 with standards inserted on the basis of 1 in 25.

Samples were dispatched to ALS Chemex Laboratory in Perth for analysis of Ag, Al, As, Co, Cr, Cu, Fe, Mg, Mn, Ni, Pb, S, Ti, Zn, Zr and Au. Au was analysed by method Au-AA26 and the remaining elements by method ME-ICP61s.

Method Au-AA26: This is an ore grade technique using a 50gram charge with detection by fire assay with an AAS finish.

Method ME-ICP61s: uses a 4 acid digest of HF-HNO₃-HClO₄ acids with an HCL leach and inductively coupled plasma atomic emission spectrometry (ICP) detection.

The remainder of the drilling targeted the Ni mineralisation potential of the Cosmos Ultramafics. Samples were laid in 1m piles and sampled on nominal 1m (Vanguard) and 2m (Five Creeks, Cosmos West) composites by means of a poly spear. Samples were dispatched to ALS-Chemex laboratory in Perth for analysis of Ag, Al, As, Co, Cr, Cu, Fe, Mg, Mn, Ni, Pb, S, Ti, Zn, Zr and Au. Gold was analysed by method Au-AAS26 with the remaining elements being analysed by method ME-ICP61s (described previously).

Method Au-AA-26: Ore grade technique, which utilises a 50gram charge, assay by fire assay with an AAS finish.

Drill specifications are given in Table 13. Location plans are given in Figures 8 to 12 with cross sections given in Figures 13 to 29. Summary geology is given in Appendix 2 with summary assay data given in Appendix 3.

Table 13: RC Drill Hole Specifications -2005

Hole ID	Tenement	Prospect	AMG East	AMG North	AMG RL	AMG 0 ⁰	Dip 0 ⁰	EOH	No of samples
FCC029	M36/377	Five Creeks	261800	6958100	534.0355	90	-60	119	35
FCC030	M36/377	Five Creeks	261720	6958100	533.637	90	-60	160	63
FCC031	M36/377	Five Creeks	261640	6958100	532.6816	90	-60	185	81
FCC032	M36/377	Five Creeks	261560	6958100	532.349	90	-60	120	56
FCC033	M36/377	Five Creeks	261480	6958100	531.9467	90	-60	150	77
FCC034	M36/377	Five Creeks	261400	6958100	533.1369	90	-60	150	77
FCC035	M36/377	Five Creeks	261320	6958100	534.5994	90	-60	150	76
FCC036	M36/377	Five Creeks	261240	6958100	534.8185	90	-60	150	76
FCC037	M36/377	Five Creeks	261160	6958100	534.4838	90	-60	230	70
FCC038	M36/377	Five Creeks	261080	6958100	533.1128	90	-60	157	50
IRC014	M36/349	Ilias	260499	6951535	507.3794	88	-60	150	150
IRC015	M36/349	Ilias	260460	6951540	506.8082	90	-60	150	150

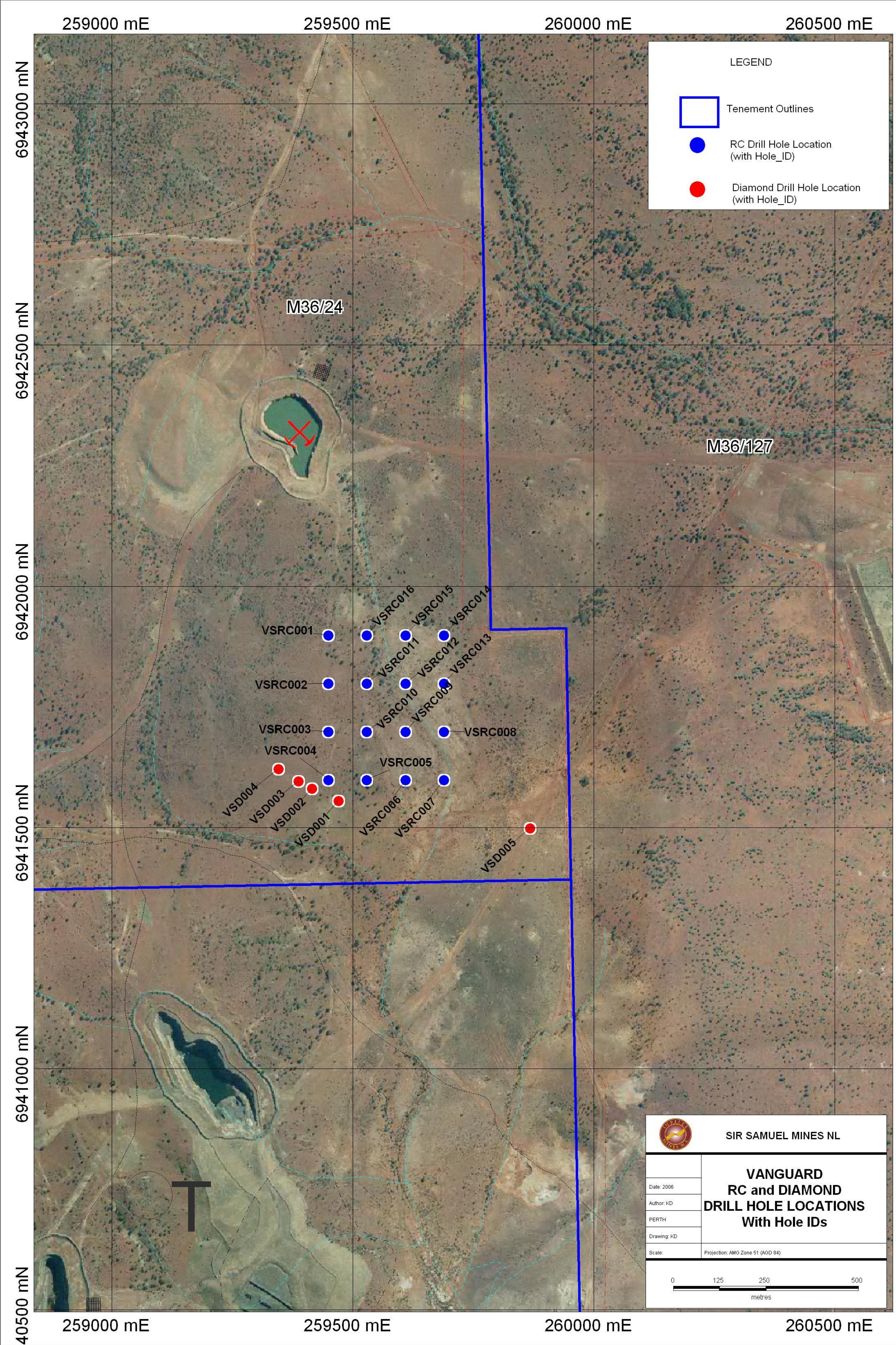


Figure 8

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IRC016	M36/349	Ilias	260420	6951540	506.8357	90	-61	150	150
IRC017	M36/349	Ilias	260380	6951540	507.7035	90	-63	150	150
IRC018	M36/349	Ilias	260340	6951540	508.8152	90	-61	150	150
IRC019	M36/349	Ilias	260510	6951440	507.2863	90	-61	150	150
IRC020	M36/349	Ilias	260480	6951440	507.0048	92	-63	150	150
JVC025	M36/371	Cosmos West	260254.939	6945250.924	481.185	270	-60	276	138
JVC026	M36/371	Cosmos West	260320.507	6945249.915	480.889	270	-60	120	60
NCRC001	M36/375	North Carriport	259860	6954180	506.0079	0	-90	80	80
NCRC002	M36/375	North Carriport	259810	6954180	506.2833	0	-90	80	80
NCRC003	M36/375	North Carriport	259740	6954180	506.0271	0	-90	80	80
NCRC004	M36/375	North Carriport	259860	6954060	502.8477	0	-90	80	80
NCRC005	M36/375	North Carriport	259800	6954060	504.1108	0	-90	80	80
NCRC006	M36/375	North Carriport	259740	6954060	504.4016	0	-90	80	80
NCRC007	M36/375	North Carriport	259680	6954060	504.4566	0	-90	80	80
NCRC008	M36/375	North Carriport	259920	6953940	503.692	0	-90	80	80
NCRC009	M36/375	North Carriport	259860	6953940	501.6579	0	-90	80	80
NCRC010	M36/375	North Carriport	259800	6953940	501.7928	0	-90	80	80
NCRC011	M36/375	North Carriport	259740	6953940	501.9164	0	-90	80	80
NCRC012	M36/375	North Carriport	259680	6953940	501.7746	0	-90	80	80
NCRC013	M36/375	North Carriport	259920	6953820	503.494	0	-90	80	80
NCRC014	M36/375	North Carriport	259860	6953820	502.6307	0	-90	80	80
NCRC015	M36/375	North Carriport	259800	6953820	502.6734	0	-90	80	80
NCRC016	M36/375	North Carriport	259740	6953820	503.0293	0	-90	80	80
NCRC017	M36/375	North Carriport	259680	6953820	500.696	0	-90	80	80
NCRC018	M36/375	North Carriport	259820	6953425	502.8715	0	-90	100	100
NCRC019	M36/375	North Carriport	259780	6953413	505.0569	0	-90	100	100
NCRC020	M36/375	North Carriport	259740	6953400	507.8454	0	-90	100	100
NCRC021	M36/375	North Carriport	259780	6953573	500.8611	0	-90	100	100
NCRC022	M36/375	North Carriport	259780	6953495	501.696	0	-90	100	100
NCRC023	M36/375	North Carriport	259740	6953483	501.9384	0	-90	100	100
NCRC024	M36/375	North Carriport	259700	6953471	503.0304	0	-90	100	100
NCRC025	M36/375	North Carriport	259740	6953562	500.389	0	-90	100	100
NCRC026	M36/375	North Carriport	259700	6953550	500.2512	0	-90	100	100
NCRC027	M36/375	North Carriport	259660	6953539	500.7788	0	-90	100	100
NCRC028	M36/375	North Carriport	259760	6953680	500.6809	0	-90	100	100
NCRC029	M36/375	North Carriport	259680	6953680	500.4779	0	-90	100	100
SYRC001	M36/375	South Yellow Aster	259800	6954280	508.0117	75	-63	140	140
SYRC002	M36/375	South Yellow Aster	259765	6954268	507.9909	75	-63	138	138
VSRC001	M36/24	Vanguard South	259450	6941900	474.4101	0	-90	50	50
VSRC002	M36/24	Vanguard South	259450	6941800	472.9621	0	-90	50	50
VSRC003	M36/24	Vanguard South	259450	6941700	471.4332	0	-90	50	50
VSRC004	M36/24	Vanguard South	259450	6941600	470.534	0	-90	50	50
VSRC005	M36/24	Vanguard South	259530	6941600	468.5066	0	-90	50	50
VSRC006	M36/24	Vanguard South	259610	6941600	467.8758	0	-90	50	50
VSRC007	M36/24	Vanguard South	259690	6941600	467.1393	0	-90	50	50
VSRC008	M36/24	Vanguard South	259690	6941700	468.0194	0	-90	50	50

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VSRC009	M36/24	Vanguard South	259610	6941700	468.6442	0	-90	50	50
VSRC010	M36/24	Vanguard South	259530	6941700	469.8174	0	-90	50	50
VSRC011	M36/24	Vanguard South	259530	6941800	470.1366	0	-90	50	50
VSRC012	M36/24	Vanguard South	259610	6941800	469.0026	0	-90	50	50
VSRC013	M36/24	Vanguard South	259690	6941800	468.6028	0	-90	50	50
VSRC014	M36/24	Vanguard South	259690	6941900	470.4295	0	-90	50	50
VSRC015	M36/24	Vanguard South	259610	6941900	471.6742	0	-90	50	50
VSRC016	M36/24	Vanguard South	259530	6941900	471.5816	0	-90	50	50
Totals								6655	5547

3.6.1 Vanguard

Target Drilling completed 16 holes (VSRC001-VSRC016) for 800m. All holes were drilled vertically to a depth of 50m for geotechnical and water level monitoring purposes, in order to evaluate the site for a portal access via underground decline to the Tapinos and Prospero nickel sulphide deposits on neighbouring tenure (reported under separate cover). The drilling was also sampled and analysed for gold and multi-elements.

The area is dominated by outcrop in 7 of the western holes and is overlain by transported cover in the east and south-east of the area. Depth of cover increases to 8m on the eastern side of the area, and a channel in the central south has a maximum depth of 13m in VSRC005. Depth to base of complete oxidation (BOCO) and top of fresh rock (TOF) also increases eastwards, away from the outcropping hill. No water aquifers were intersected and static ground water was minimal.

No anomalous Ni was intercepted within the drilling, best Cu results were:

VSRC004 2m @ 1252 ppm Cu from 48m

VSRC011 1m @ 1760ppm Cu from 44m

Low level gold anomalism between 0.1 and 0.2ppm Au was encountered in VSRC003, 6 and 8 with best intercept:

VSRC008 1m @ 0.92ppm Au from 44m

3.6.2 Ilias

Drilling was targeted at surface Au and As soil anomalies over this area. Previous RAB and RC drilling also returned sporadic anomalous intersections. Recent gravity and aeromagnetic data highlighted a shallow contact between the underlying basal ultramafics and the prospective Jones Creek Conglomerate. Mineralisation at Mossbecker and Yellow Aster occurs at, and adjacent to this contact and previous drilling had not adequately tested its potential at Ilias. The underlying ultramafics were also being tested for nickel geochemistry.

The conglomerate/ultramafic contact was intersected along the northern drill lines, with a dip ~45° W. The conglomerate is dominated by granitic

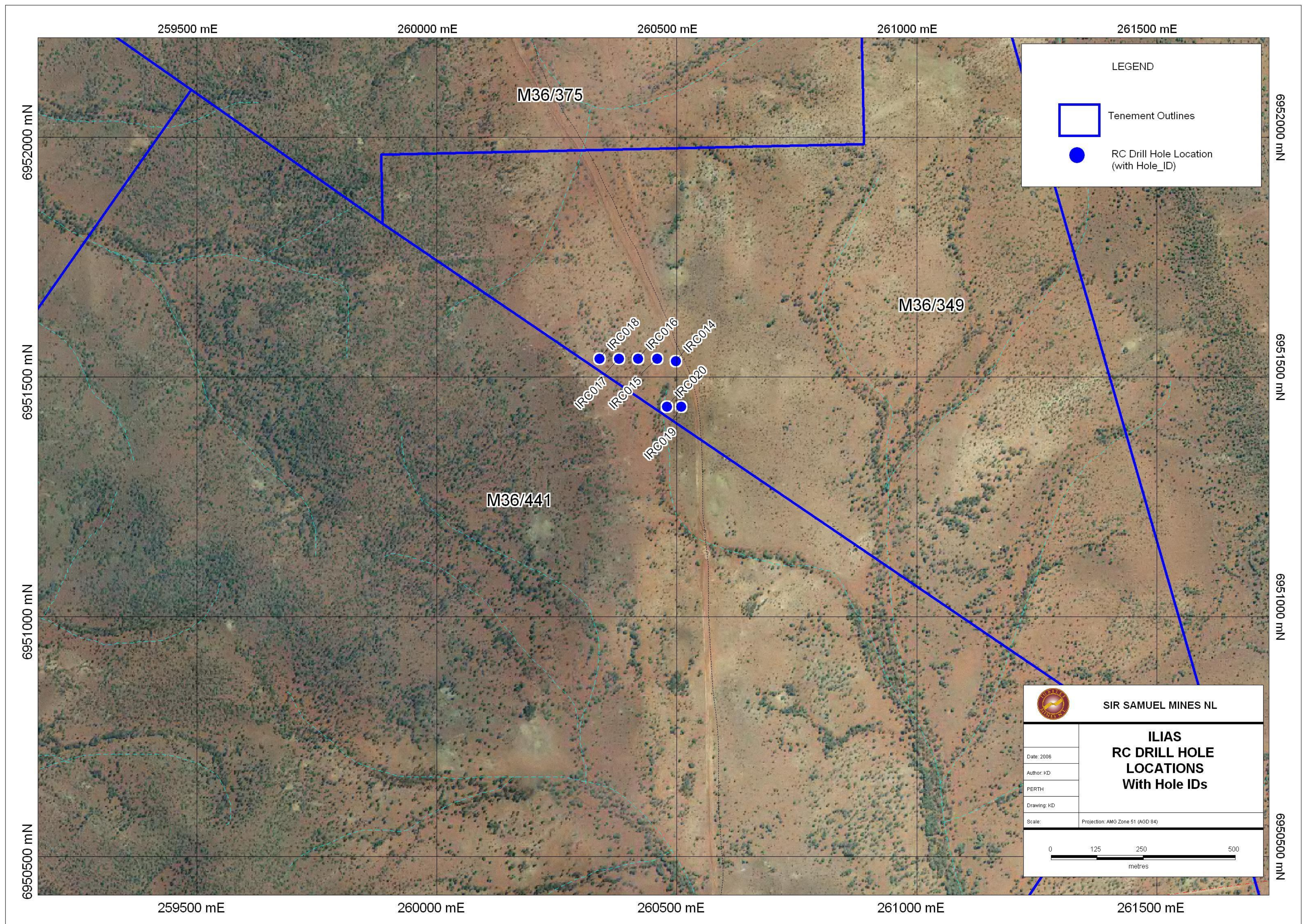


Figure 9

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clasts with minor mafic clast rich zones, and is variably sericite altered, silicified and arsenopyrite + pyrite mineralised. The ultramafics are low MgO tremolite-chlorite and tremolite-actinolite rocks with variable talc and chlorite alteration. They are quite heavily quartz veined in zones and are generally pyrite mineralised with minor arsenopyrite.

Along the southern line (6951000N) the geology is more complex with low MgO tremolite-chlorite and tremolite-actinolite rocks forming the basal unit which is overlain by highly silicified mafic dominated conglomerate. This contact dips around 35-45° W and is approximately 33m thick at surface and thins to 12m thick down dip. It is overlain/over-thrust? by a higher MgO serpentinitised ultramafic wedge. At ~260425E a steeply west dipping fault occurs, bringing strongly sericite/epidote altered and arsenopyrite + pyrite mineralised granitic conglomerates into contact with the serpentinitised ultramafic wedge, the mafic conglomerate and the basal ultramafics. The granitic conglomerate is underlain by the same basal ultramafics, and is over-thrust to the west by basalts, along a 450 west dipping surface.

The results indicate a broad zone of low level gold mineralisation associated with alteration, but with only narrow sporadic higher grade results, see Table 14.

Table 14: Anomalous Au Values-Ilias RC Drilling 2005

Hole ID	AMG East	AMG North	From	To	Intercept	Au ppm
IRC015	260460	6951540	60	61	1	0.11
			63	64	1	1.40
			110	111	1	0.36
IRC016	260420	6951540	20	21	1	0.15
			44	45	1	0.11
IRC017	260380	6951540	25	26	1	0.18
			27	28	1	0.23
IRC018	260340	6951540	14	15	1	0.16
			47	48	1	0.32
			50	52	2	0.33
			54	55	1	0.14
			56	64	8	0.29
			65	73	8	0.22
			70	71	1	0.16
			71	72	1	0.17
			72	73	1	0.13
			74	75	1	0.11
			85	86	1	0.17
			137	139	2	0.56
		includes	138	139	1	1.00
			144	146	2	0.21

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IRC019	260510	6951440	18	19	1	0.13
			54	55	1	0.20
IRC020	260480	6951440	11	13	2	0.12
			15	18	3	0.49
			19	23	4	0.21
			33	34	1	0.11
			68	69	1	0.12

3.6.3 South Yellow Aster

A program of 2 angled RC holes (SYRC001-SYRC002) was completed at South Yellow Aster (278m). Drilling was designed to follow up previous intersection of 4.29g/t Au and 1.7g/t Au in vertical holes south of the Yellow Aster workings.

Drilling at South Yellow Aster intersected variably sericite altered, silicified and arsenopyrite mineralised granitic conglomerates. Low grade anomalous gold intersections are given in Table 15. Gold mineralisation is associated with elevated arsenic unlike that seen in the Ilias holes.

Table 15: Anomalous Au Values-South Yellow Aster- RC Drilling 2005

Hole ID	AMG East	AMG North	From	To	Intercept	Au in ppm	Max As ppm
SYRC001	259800	6954280	4	5		0.13	162
			14	15		0.16	824
			26	27		0.15	409
			43	44		0.17	23
			50	53	3	0.11	2820
			64	65	1	0.12	484
			68	69	1	0.29	745
			78	82	4	0.38	877
			86	87	1	0.4	385
			88	89	1	0.33	956
			99	102	3	0.36	4040
			107	108	1	0.12	180
			111	113	2	0.37	1775
			114	115	1	0.21	889
			127	128	1	0.19	48
SYRC002	259765	6954268	6	7	1	0.4	325
			21	22	1	0.11	475
			46	47	1	0.11	52
			52	53	1	0.29	33
			54	55	1	0.15	213
			57	58	1	0.11	99
			59	65	6	0.36	1860

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			106	107	1	0.18	101
			110	112	2	0.22	209
			117	118	1	0.16	78
			126	130	4	0.15	369
			131	137	6	0.34	1425

3.6.4 North Carriport

Drilling at North Carriport was aimed at following up historical results south of Yellow Aster and the un-drilled area between the Carriport workings to the south and the Yellow Aster workings to the north, in addition to a zone along the NW trending Hotel Fault immediately the north of Carriport.

The drilling intersected variably sericite altered, silicified and arsenopyrite mineralised granitic conglomerates. Anomalous gold intercepts are listed in Table 16, these holes returned higher grades than Ilias and North Yellow Aster but are again spotty, better grades in general correlate with elevated As >1000ppm.

Table16: Anomalous Au Values-North Carriport-2005

Hole ID	AMG East	AMG North	From	To	Intercept	Au in ppm	Max As ppm
NCRC002	259810	6954180	40	41	1	0.6	198
NCRC003	259740	6954180	0	2	2	0.2	241
			56	57	1	0.15	71
			76	77	1	0.22	36
NCRC004	259860	6954060	42	43	1	0.12	8
			53	56	3	0.26	125
			70	71	1	0.11	205
			74	75	1	0.11	104
			76	80	4	0.19	102
NCRC005	259800	6954060	59	60	1	0.21	38
NCRC006	259740	6954060	4	5	1	0.33	56
			7	10	3	0.18	95
NCRC007	259680	6954060	0	6	6	0.2	116
			7	10	3	0.21	41
			11	13	2	0.19	22
			14	16	2	0.19	47
NCRC010	259800	6953940	18	19	1	0.19	44
NCRC011	259740	6953940	7	11	4	0.18	71
			12	14	2	0.28	107
			17	19	2	0.12	6
			24	26	2	0.42	49
			38	44	6	0.87	1345
		<i>includes</i>			<i>1</i>	<i>4.21</i>	

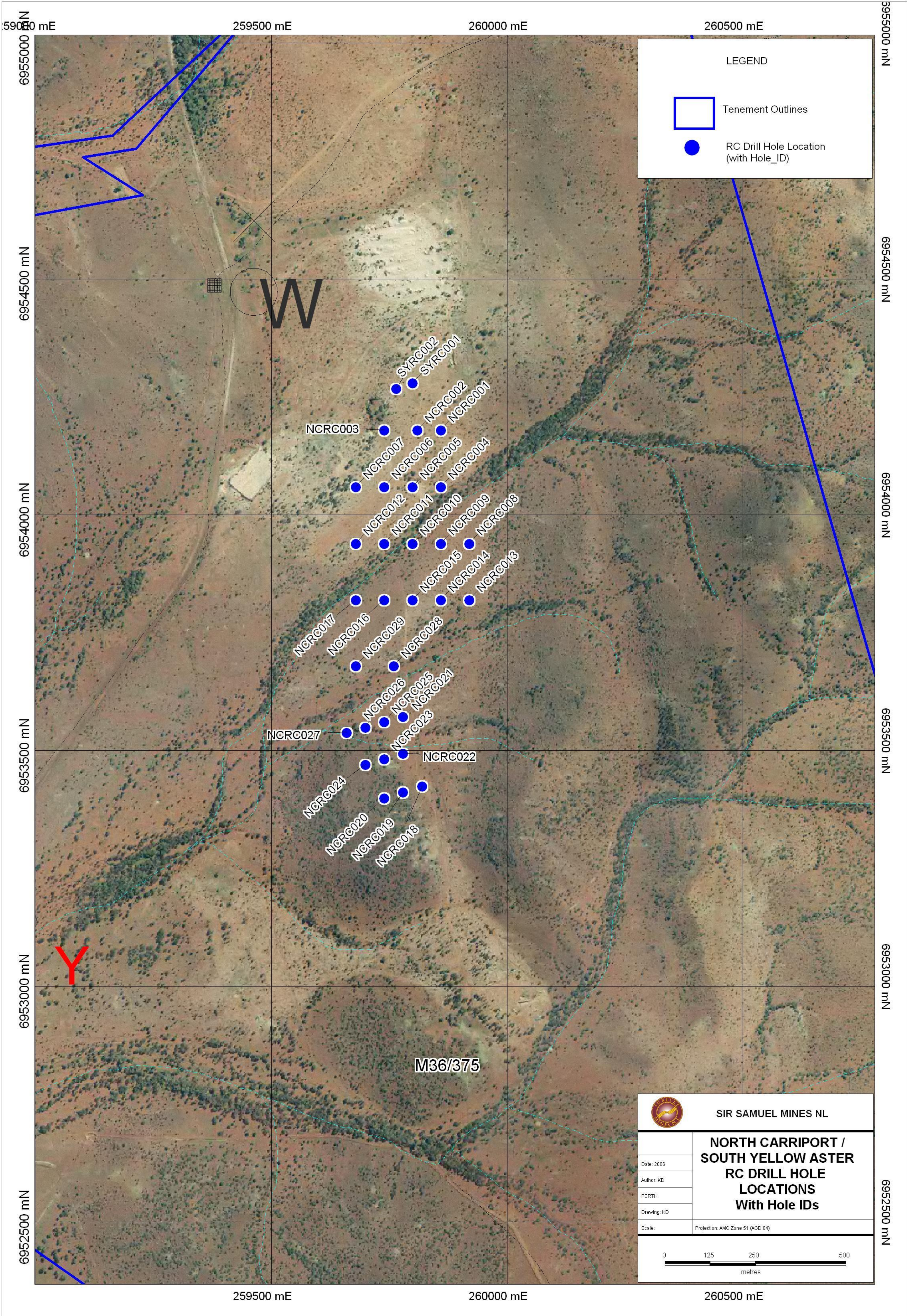


Figure 10

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			45	47	2	0.28	231
			50	51	1	0.14	559
			52	55	3	0.63	2350
		<i>includes</i>			<i>1</i>	<i>1.4</i>	
NCRC012	259680	6953940	65	68	3	0.13	15
NCRC014	259860	6953820	33	34	1	0.19	32
			37	39	2	0.14	10
			40	41	1	0.24	11
			42	43	1	0.32	15
			44	47	3	0.2	19
			49	50	1	0.15	18
			51	53	2	0.17	18
			54	55	1	0.35	11
			57	61	4	0.2	16
			62	63	1	0.2	89
			64	74	10	0.27	219
NCRC014	259860	6953820	75	77	2	0.33	11
NCRC014	259860	6953820	78	80	2	0.28	-5
NCRC015	259800	6953820	1	2	1	0.16	93
NCRC015	259800	6953820	26	27	1	0.13	47
NCRC016	259740	6953820	22	23	1	0.39	310
NCRC016	259740	6953820	41	42	1	0.12	29
NCRC016	259740	6953820	63	66	3	0.43	140
NCRC016	259740	6953820	74	80	6	0.83	298
		<i>includes</i>			<i>2</i>	<i>1.95</i>	
NCRC017	259680	6953820	10	11	1	0.45	224
NCRC017	259680	6953820	12	15	3	0.29	122
NCRC017	259680	6953820	31	32	1	0.13	234
NCRC017	259680	6953820	33	34	1	0.66	448
NCRC017	259680	6953820	35	36	1	0.11	231
NCRC018	259820	6953425	11	13	2	0.14	29
NCRC018	259820	6953425	22	23	1	0.31	133
NCRC018	259820	6953425	32	34	2	0.39	56
NCRC018	259820	6953425	38	39	1	0.13	71
NCRC018	259820	6953425	51	52	<i>1</i>	<i>4.5</i>	19
NCRC018	259820	6953425	70	71	1	0.22	77
NCRC018	259820	6953425	72	73	1	0.19	122
NCRC018	259820	6953425	75	76	1	0.22	46
NCRC019	259780	6953413	2	3	1	0.17	55
NCRC019	259780	6953413	3	4	1	0.11	31
NCRC019	259780	6953413	6	7	1	0.13	31
NCRC019	259780	6953413	32	33	1	0.81	93
NCRC019	259780	6953413	70	71	1	0.12	28
NCRC020	259740	6953400	60	61	1	0.15	19
NCRC021	259780	6953573	64	65	1	0.73	8350
NCRC021	259780	6953573	66	67	1	0.13	67
NCRC023	259740	6953483	17	18	1	0.19	51

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NCRC024	259700	6953471	98	99	1	0.16	7
NCRC025	259740	6953562	80	82	2	0.21	110
NCRC025	259740	6953562	84	85	1	0.13	430
NCRC025	259740	6953562	96	97	1	0.14	545
NCRC026	259700	6953550	14	15	1	0.32	284
NCRC027	259660	6953539	56	59	3	0.22	26
NCRC028	259760	6953680	91	93	2	0.23	246
NCRC028	259760	6953680	94	95	1	0.21	115
NCRC029	259680	6953680	20	21	1	0.11	185
NCRC029	259680	6953680	96	97	1	0.11	115
NCRC029	259680	6953680	98	99	1	0.12	93

3.6.5 Cosmos West

JVC025 and JVC026 were designed to test the western ultramafic contact below encouraging soil and rock chip geochemistry. Both holes were stopped prematurely due to drilling difficulties and require completion at a later date.

3.6.6 Five Creeks

A 10 hole reverse circulation program, FCC029-38, was completed to further test a number of targets believed to be prospective for extensions of the Yakabindie ultramafic sequence. No significant zones of mineralisation were intersected. No anomalous Ni intercepts were returned, two samples returned elevated gold:

FCC036 2m @ 390ppb Au from 40m in saprock over \$ UM

FCC038 2m @ 130ppb Au from 72m in interbedded black shale and \$ ultramafic.

3.7 Diamond Drilling

3.7.1 Vanguard-M36/24

Three holes were drilled at Vanguard, VSD002-5. VSD005 was drilled to gain geotechnical information on the decline path whilst VSD002 – VSD004 were designed to gain geotechnical information to aid in the design of the box cut for the portal development into the Prospero nickel sulphide deposit located on the adjoining tenure, M36/127, reported under separate cover.

Holes were drilled by contractor **Drillcorp Western Deep Hole** using a UDR1000 diamond rig. Holes were located on AMG grid by **Spectrum Surveys** using a DGPS.

Down hole surveys were carried out via a single shot **Eastman** camera for VSD002 with the remaining holes being surveyed by a north seeking gyro.

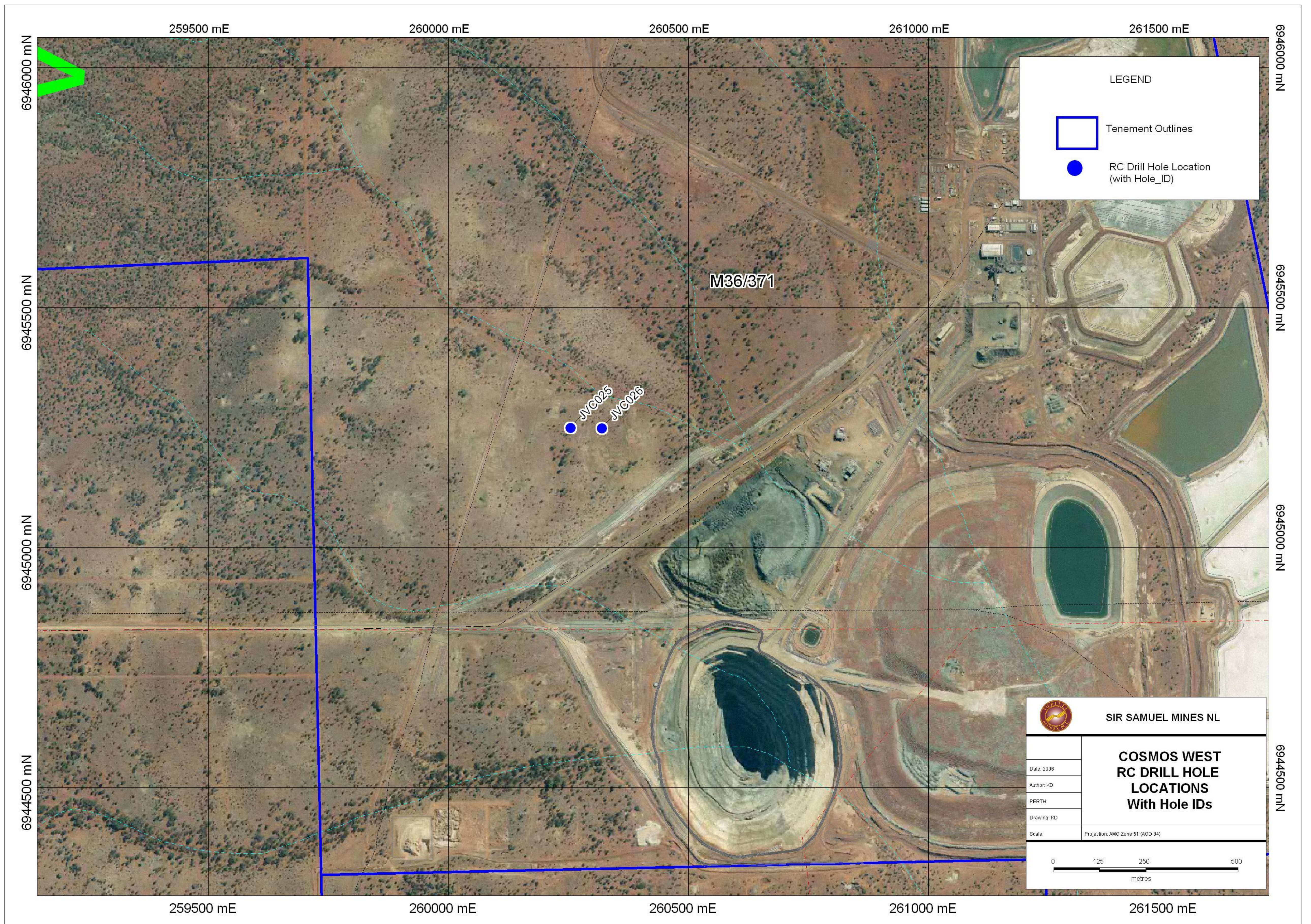


Figure 11

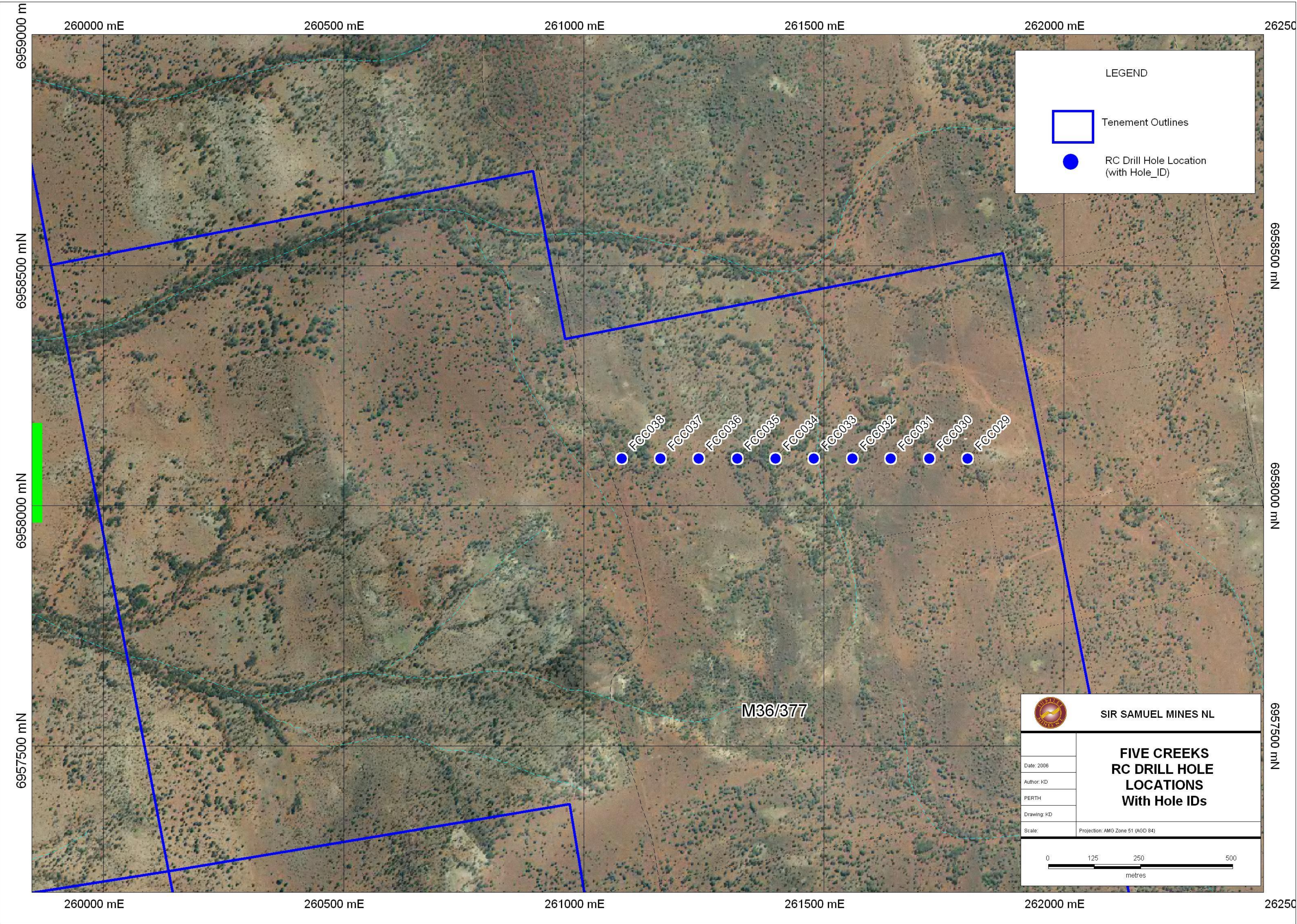


Figure 12

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The diamond holes were advanced using an RC pre-collar and NQ2 diamond tail.

VSD005 diamond core was orientated via an *Ezmark* tool with core sawn in half. Half the core was sampled on nominal 1m intervals with closer intervals selected on geological interfaces in mineralised sections.

Samples were dispatched to **ALS-Chemex Laboratory** in Perth for analysis of Ag, Al, As, Co, Cr, Cu, Fe, Mg, Mn, Ni, Pb, S, Ti, Zn, Au, Pt and Pd. The PGE's were analysed by method **PGM-MS27**, the remaining elements were analysed by method **ME-ICP61**. Samples with Cu/Pb/Zn/Ag > 10000ppm were analysed by method **OG62**. **Method OG62** is an ore grade technique which utilises a three acid digest of HF-HNO₃-HClO₄, with an ICP/AAS finish. The other methods have been described previously.

Drill Hole statistics are given in Table 17, anomalous base metals are given in Table 18. Drill hole locations are given in Figure 8, summary geology is given in Appendix 2, assay results are given in text files within the CD at the back of the report. Cross Sections are given in Figures 30 and 31.

Table17: Vanguard Diamond Drill Hole Statistics-M36/24

Hole ID	Prospect	Tenement	AMG East	AMG North	AMG RL	AMG Az 0°	Dip 0°	EOH Depth	No of Samples
VSD002	Vanguard	M36/24	259416.2	6941582	470.5	117	-60	35	
VSD003	Vanguard	M36/24	259388.2	6941597	471.5	297	-60	50.4	
VSD004	Vanguard	M36/24	259346.7	6941622	473.5	331	-60	60.2	
VSD005	Vanguard	M36/24	259868.6	6941500	466.897	305	-75	190	13
Totals								335.6	13

The lithologies were predominantly basalt and dolerite, only VSD005 was assayed and returned anomalous base metals and gold associated with stringer and massive sulphide within andesites to a maximum of 0.9% Cu, 5.67 % Zn, 9.0% Pb and 0.73g/t Au, see Table 18 below, the mineralisation within a sulphidic intermediate volcanic pile is indicative of VMS mineralisation and should be investigated further.

Table 18: Anomalous Cu/Au in VSD005

Hole ID	AMG East	AMG North	From (m)	To (m)	Intercept	Cu ppm	Pb ppm	Zn ppm	Au ppb	Geology
VSD005	259868	6941500	173.93	175	1.07	398	10	126	269	Foliated andesite with stringer \$
			181.5	182.12	0.62	3430	3370	1.48%	185	Foliated andesite with stringer \$
			182.12	182.55	0.43	985	5.67%	9.00%	176	Andesite with massive \$
			182.55	182.65	0.1	3920	2940	7080	515	Stringer \$ in

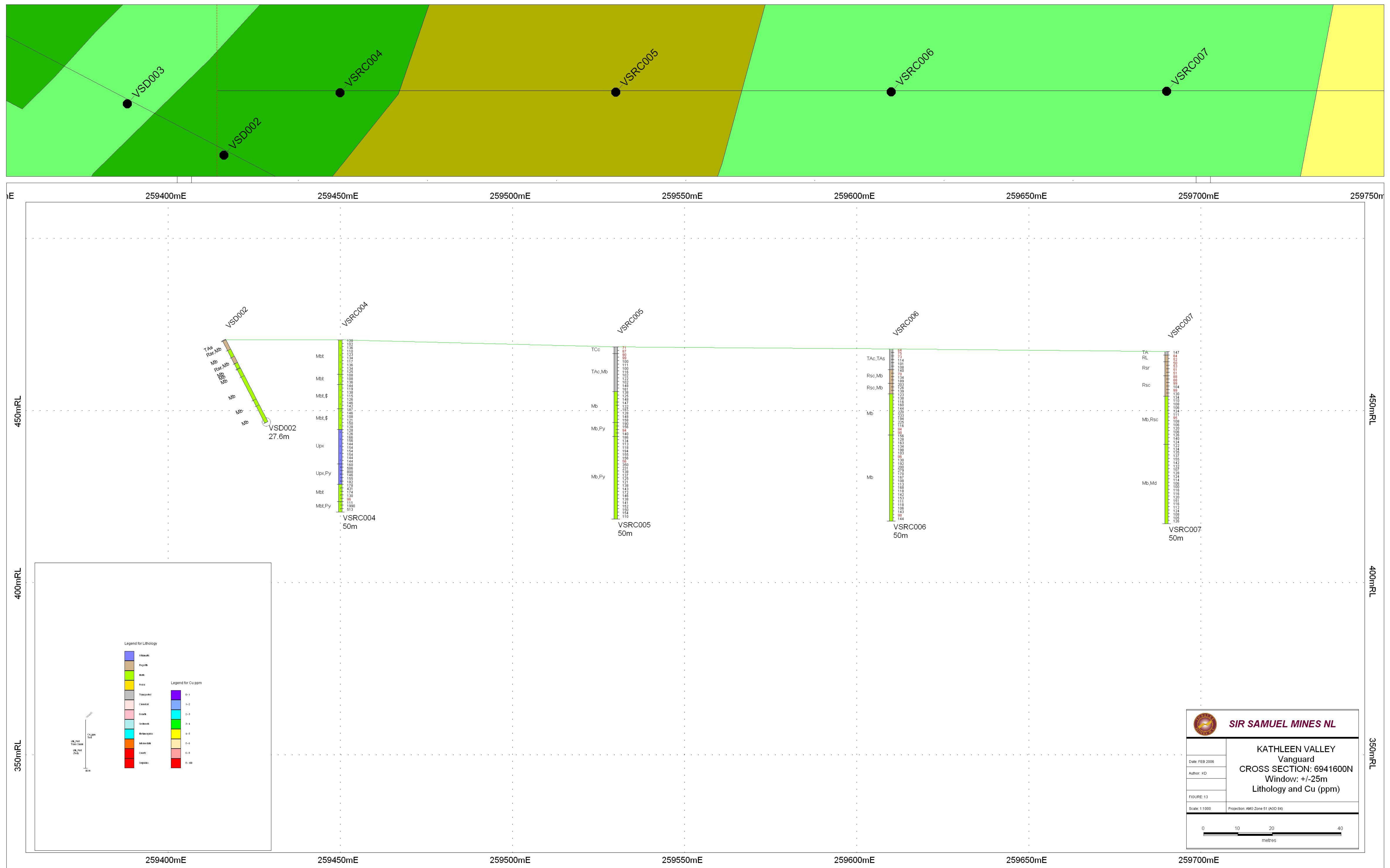


Figure 13

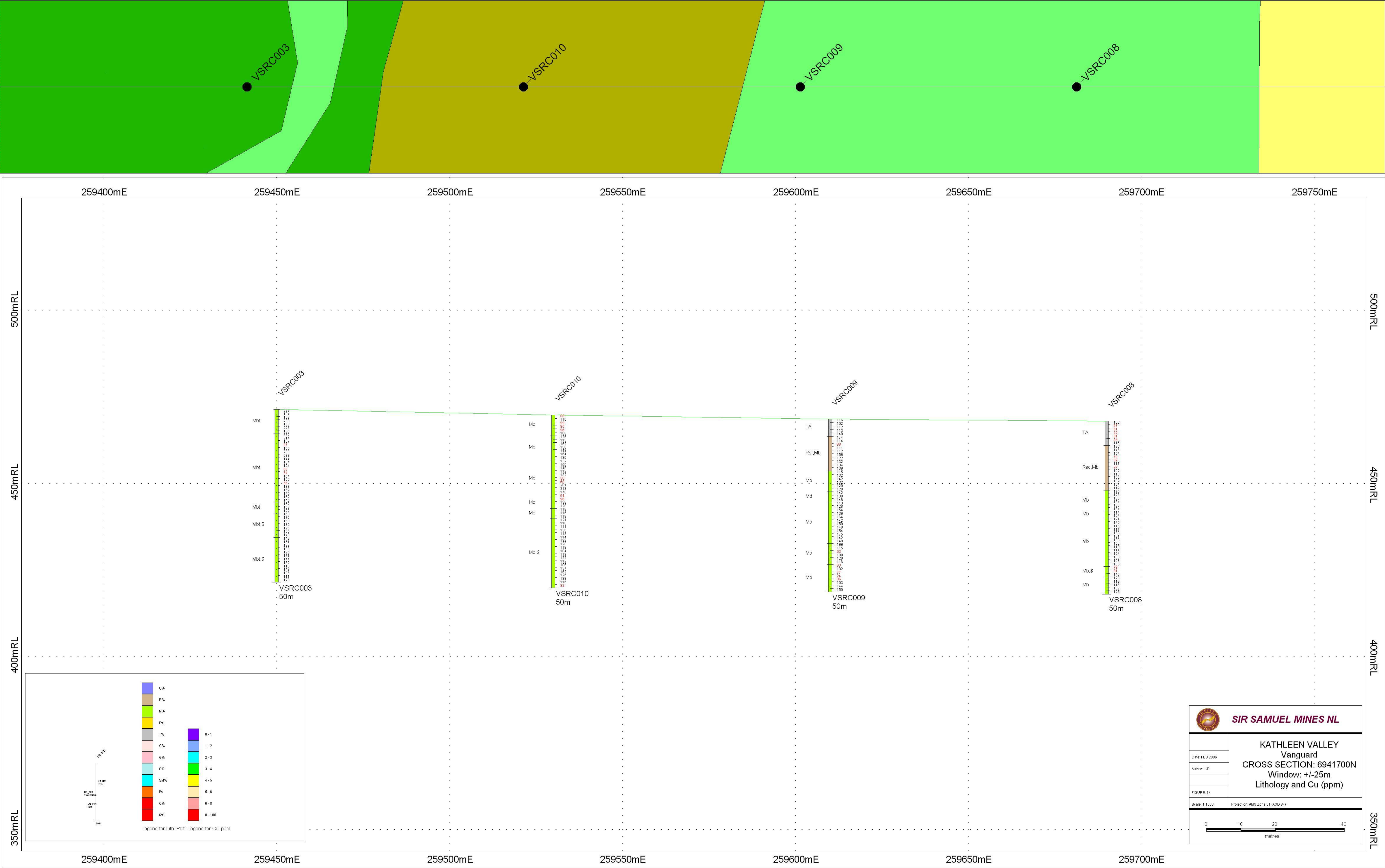


Figure 14

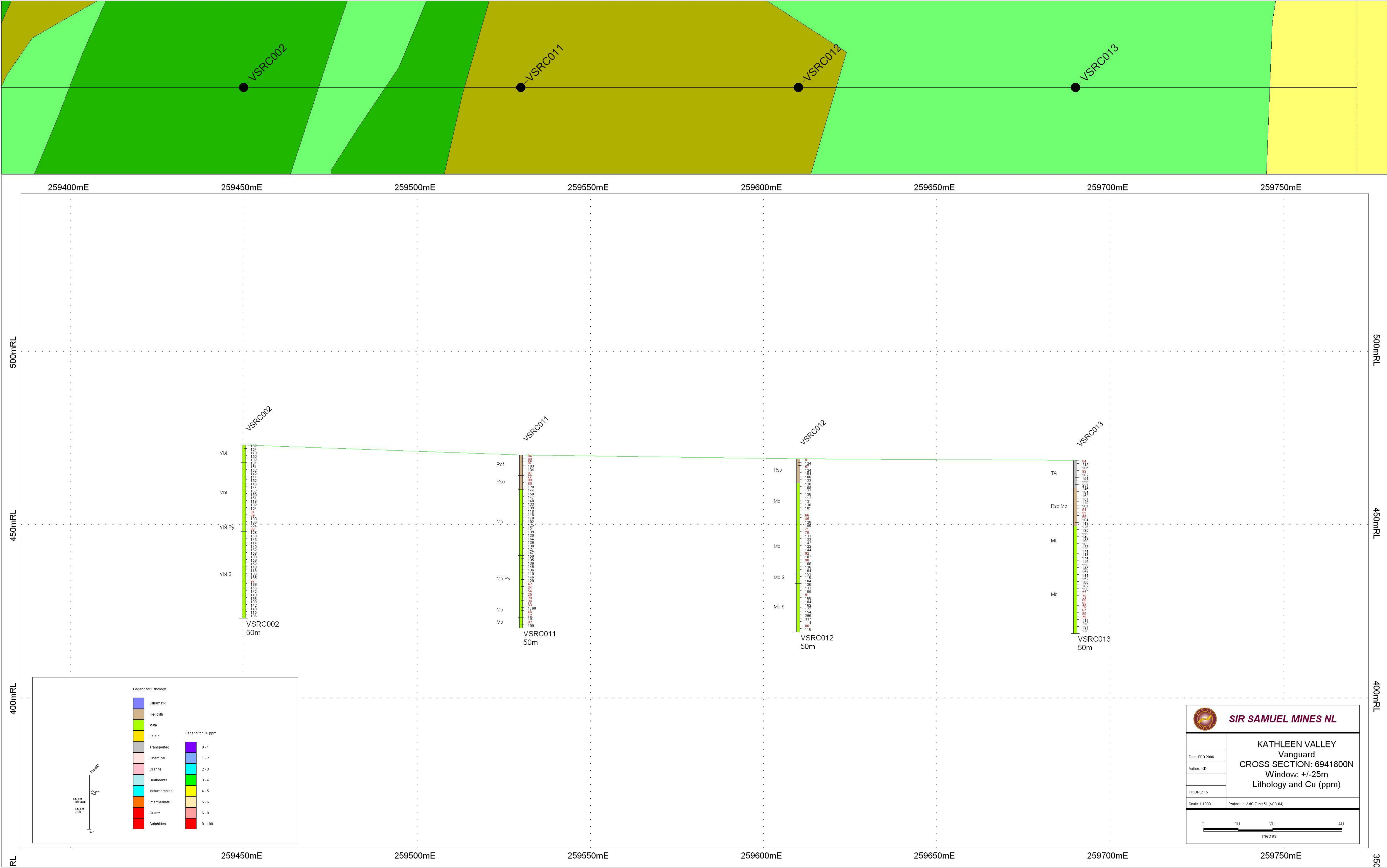


Figure 15

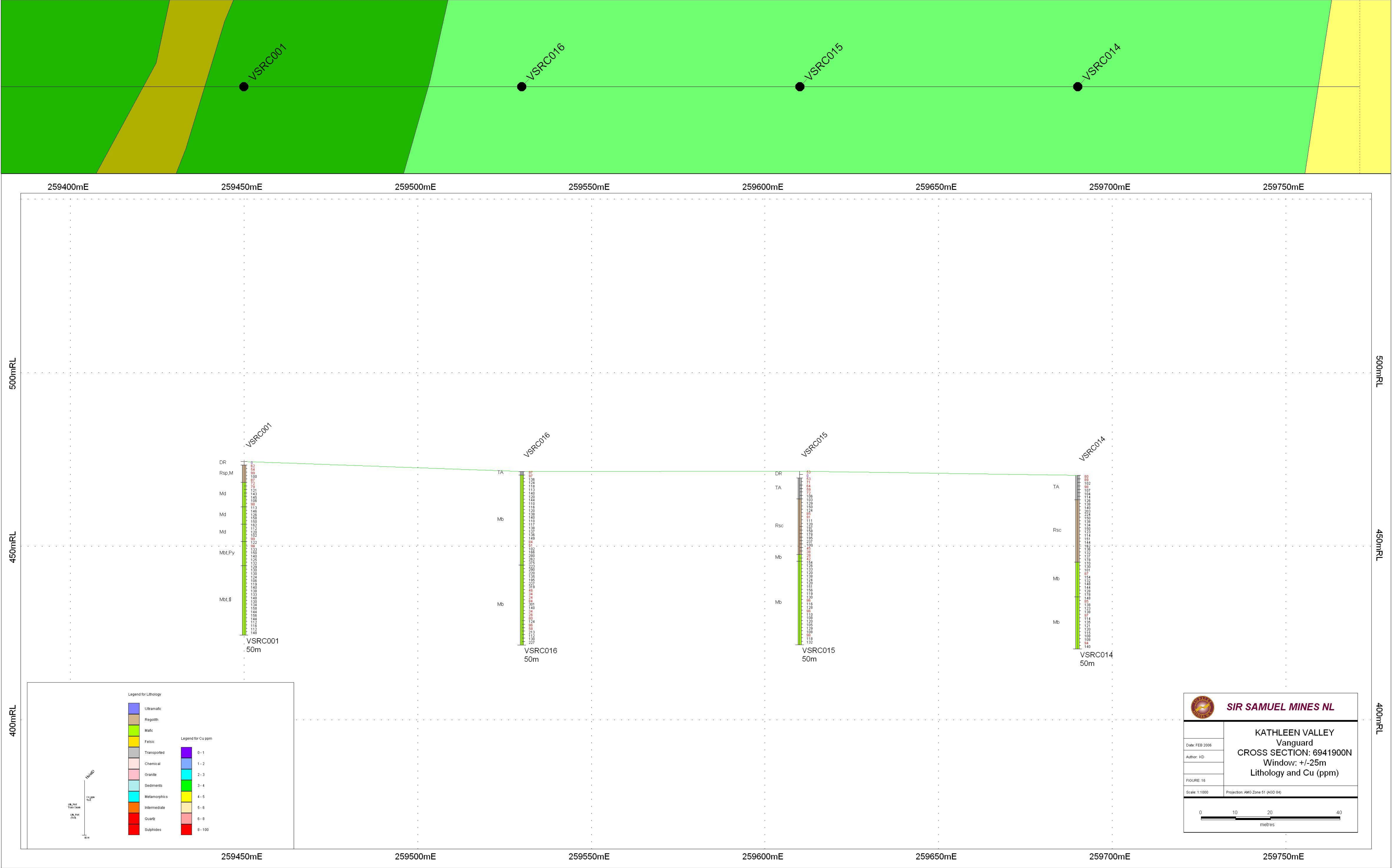


Figure 16

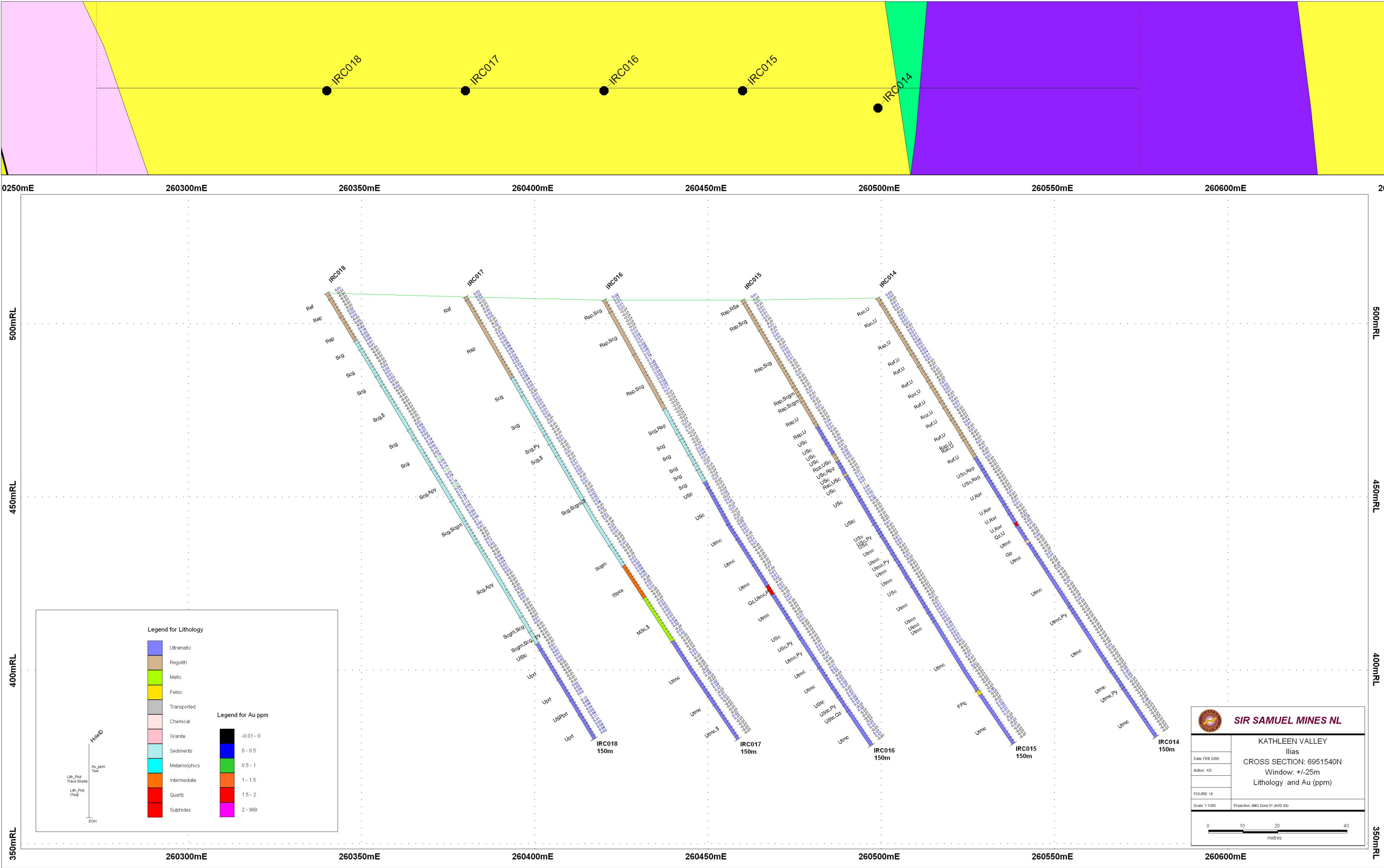


Figure 18

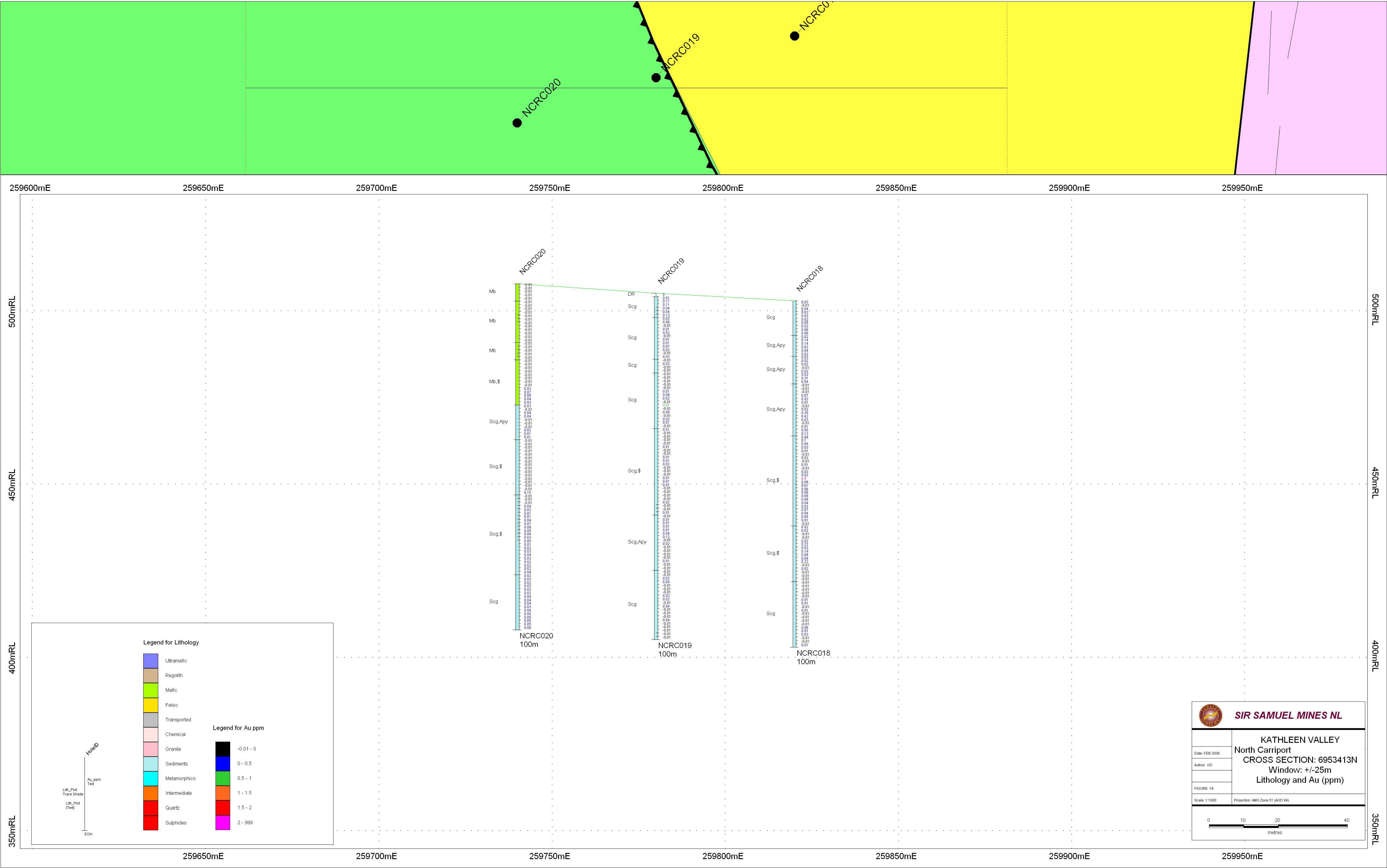


Figure 19

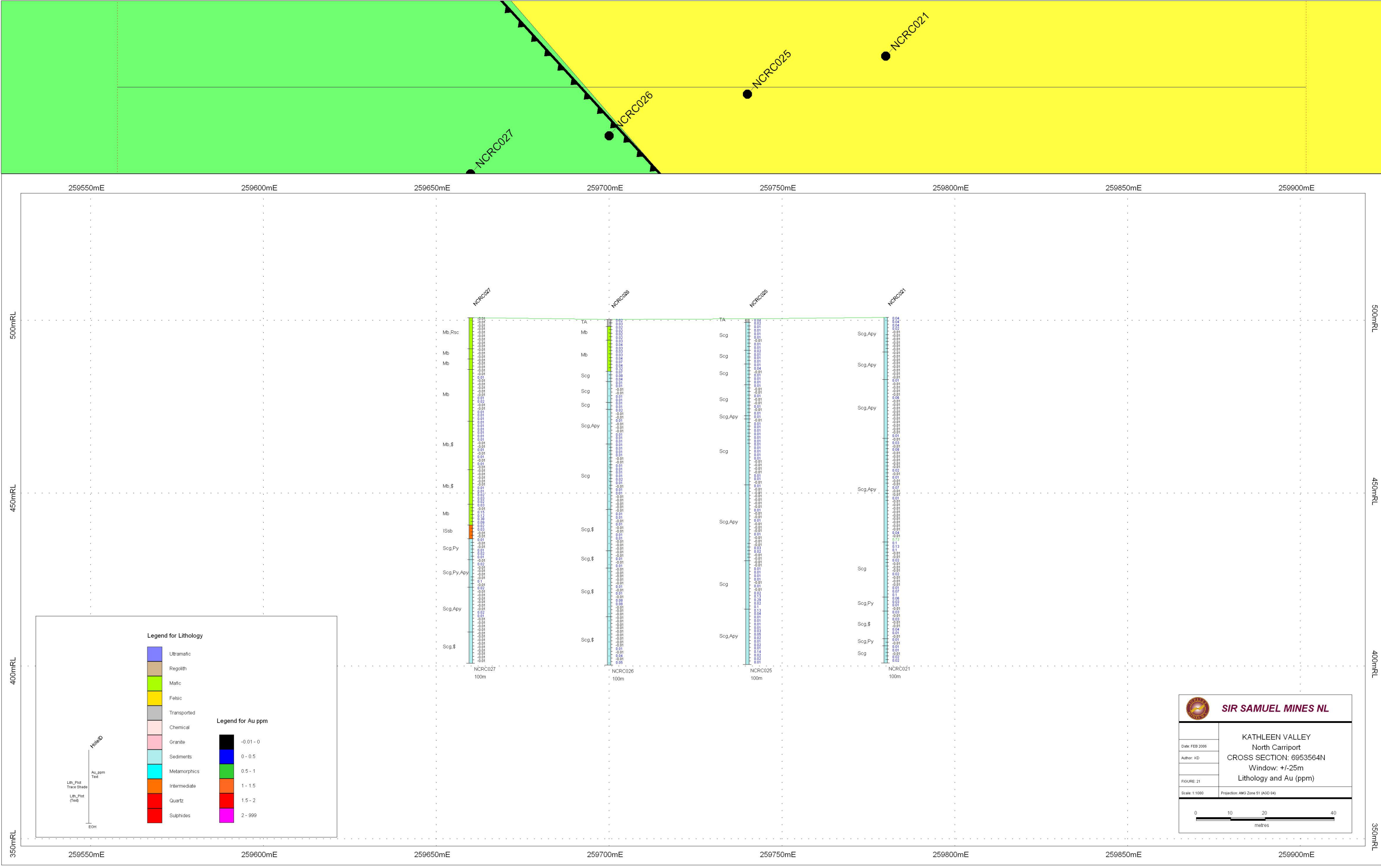
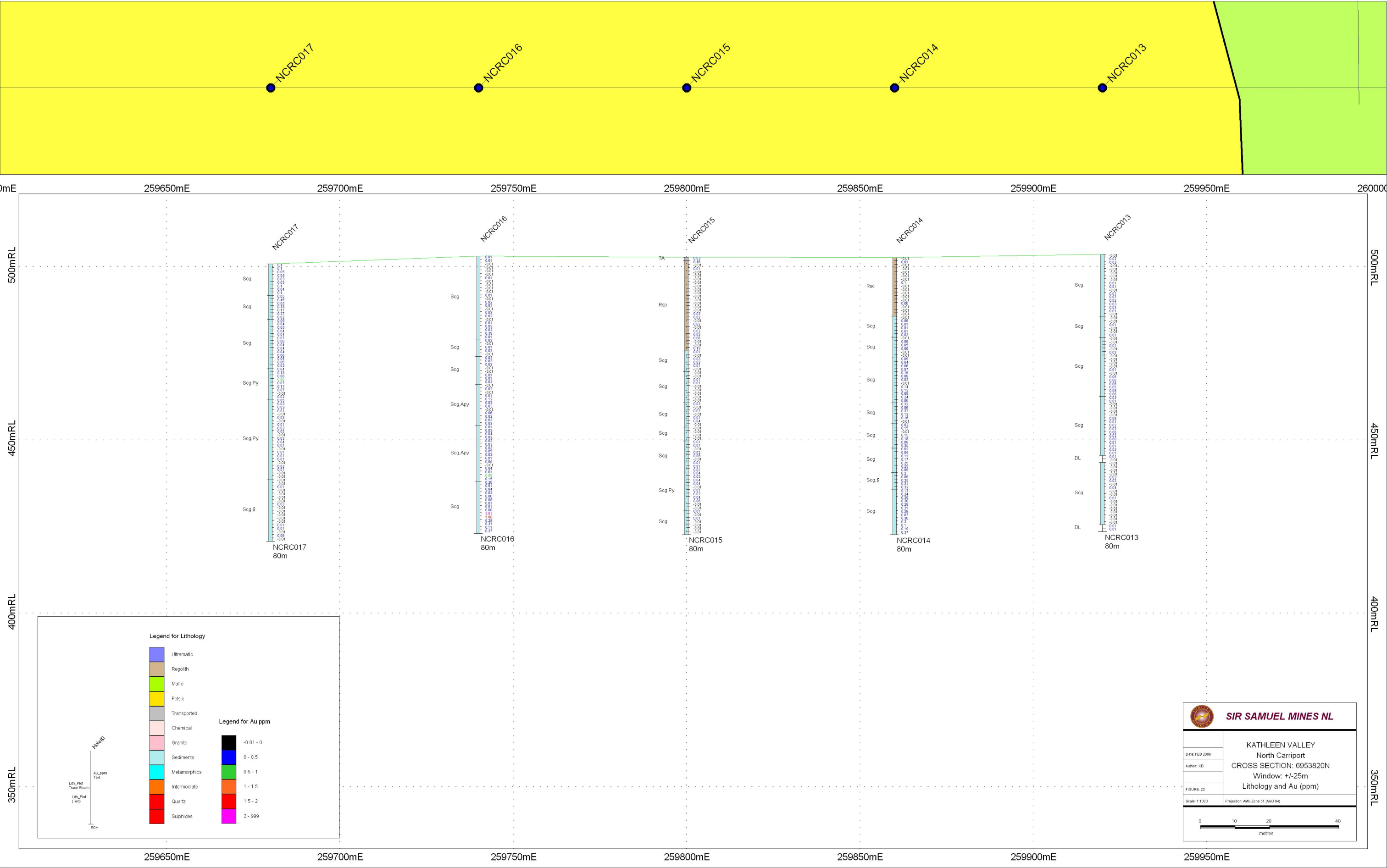


Figure 21



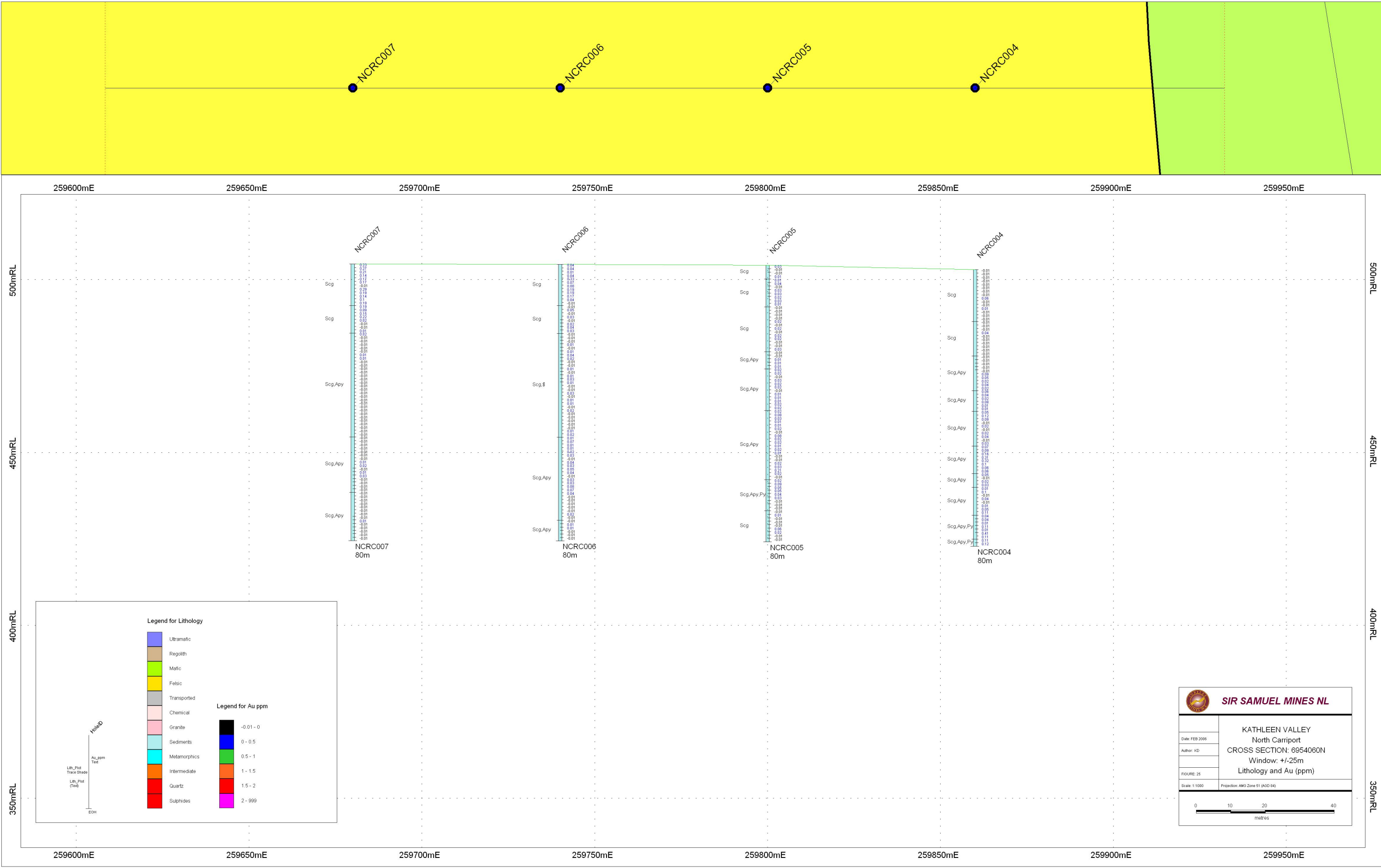


Figure 25

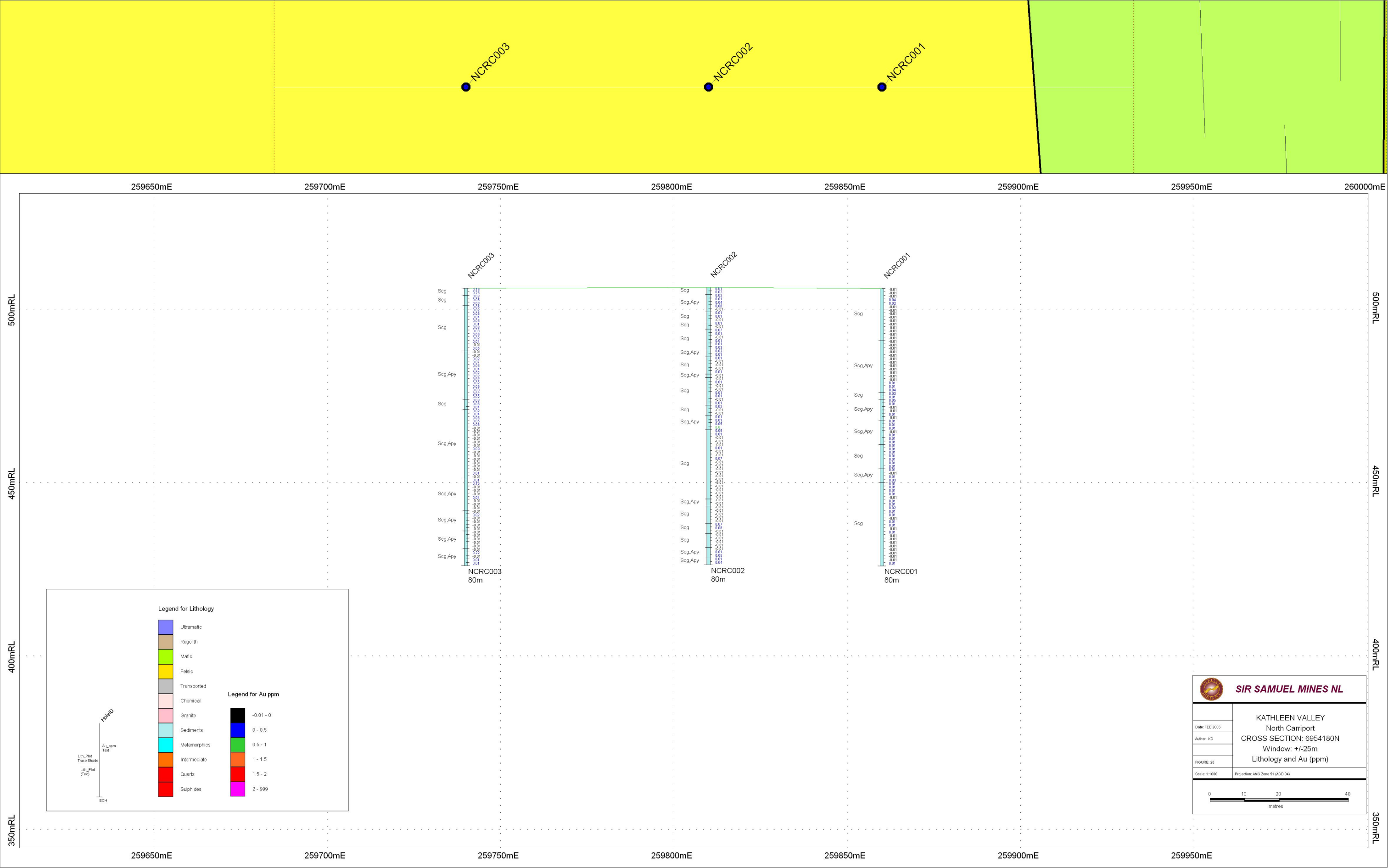


Figure 26

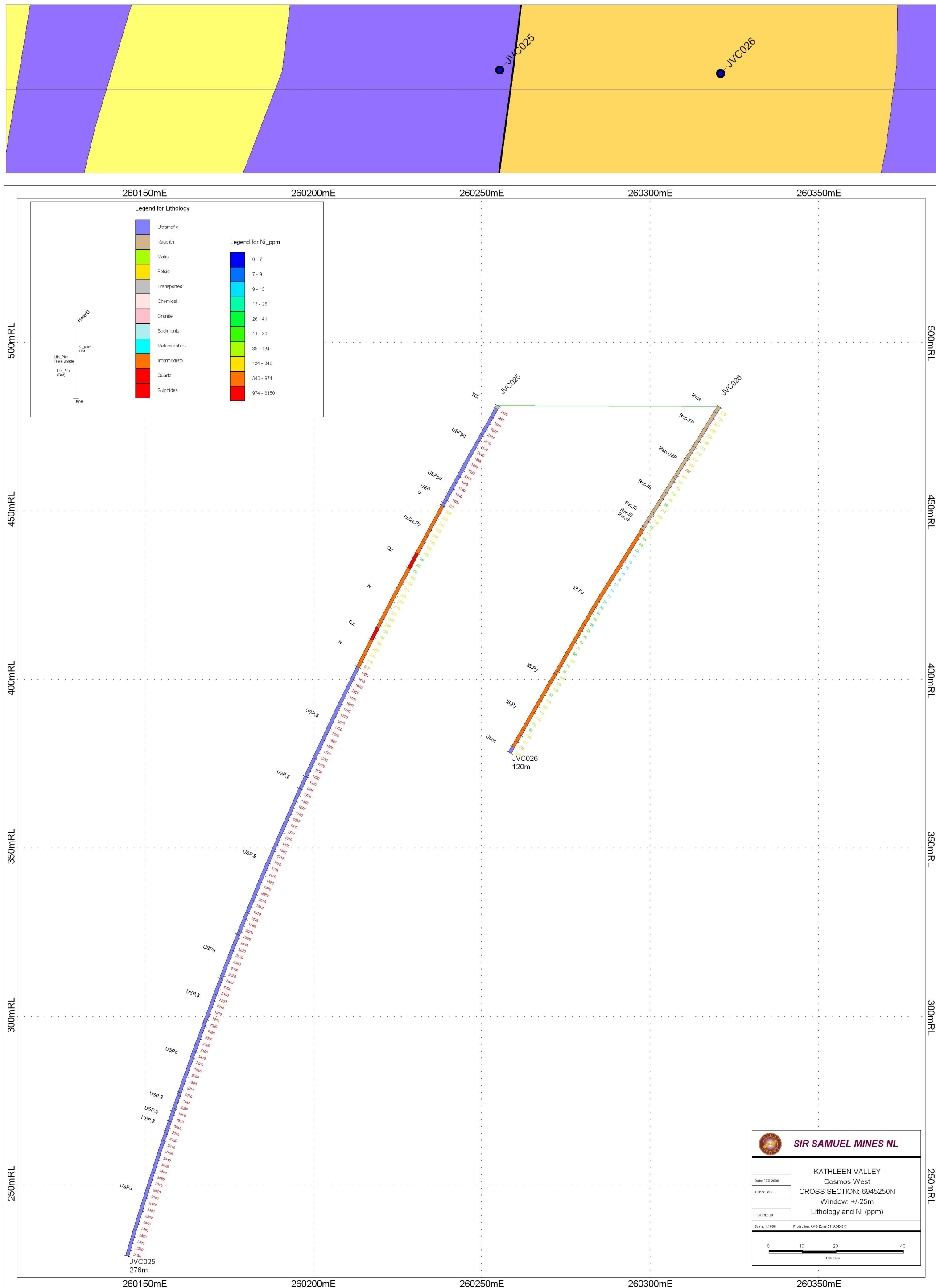


Figure 28

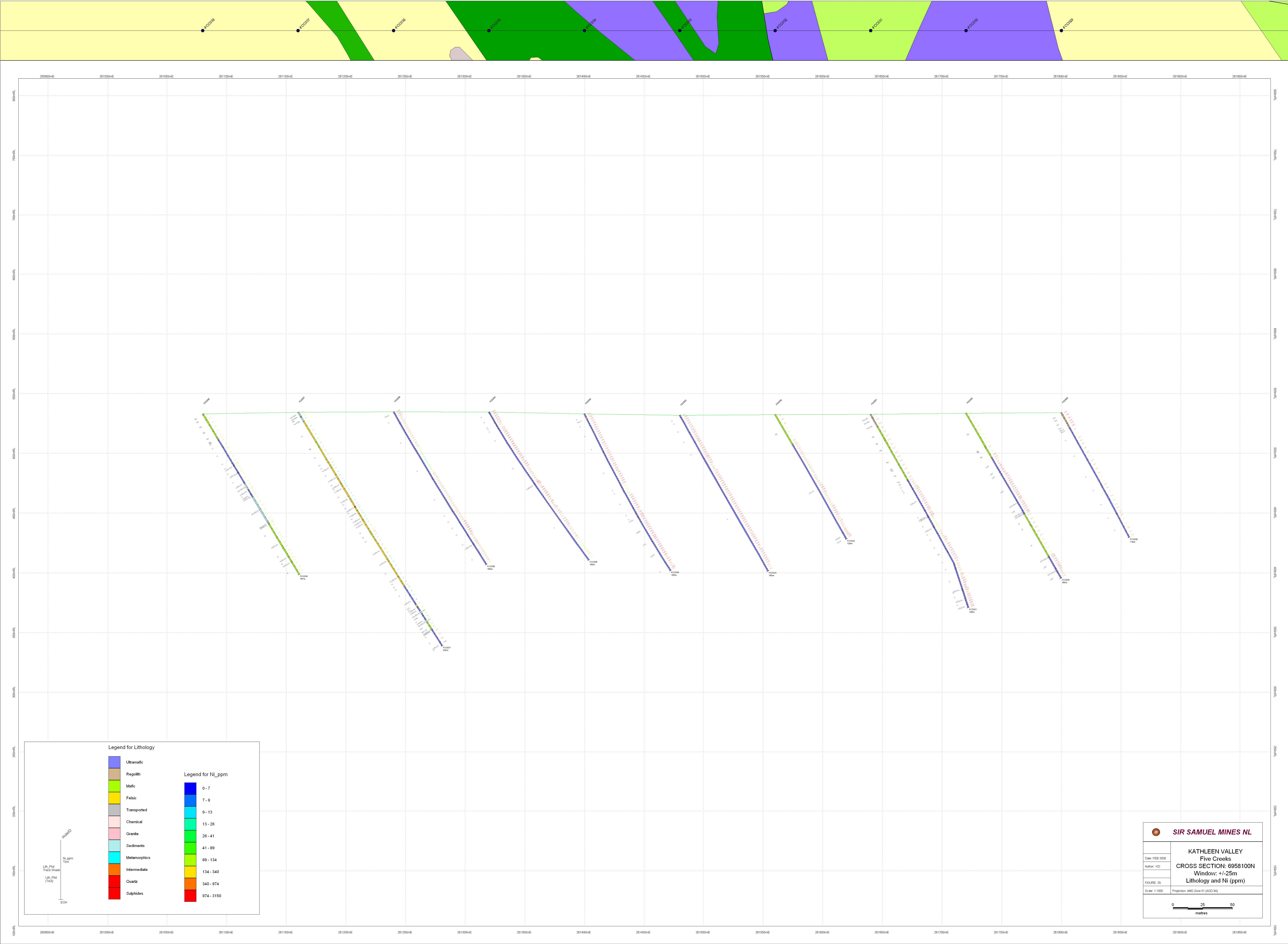


Figure 29

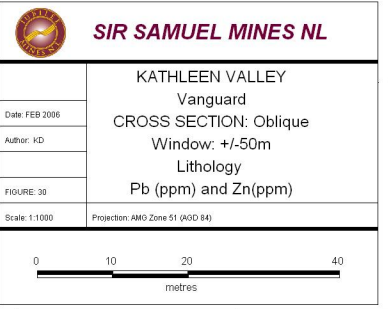
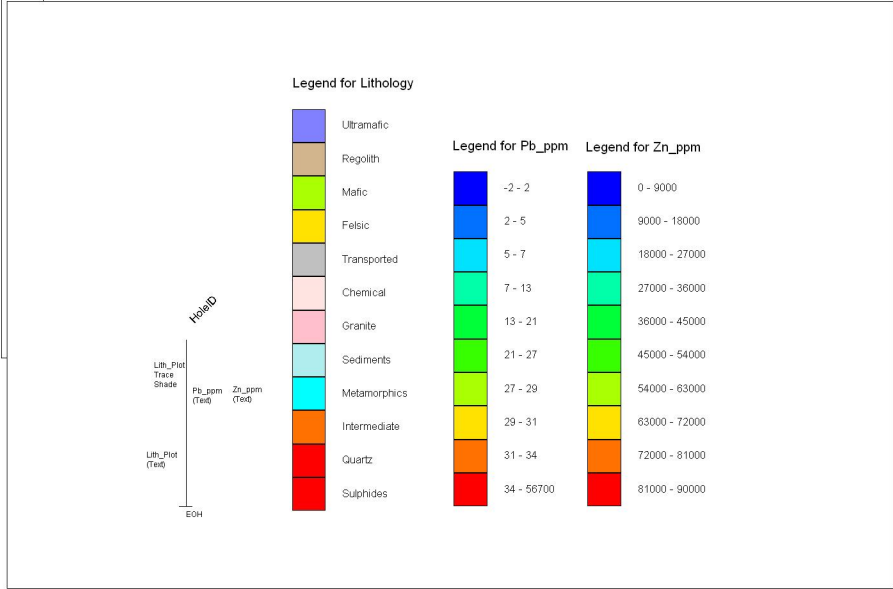
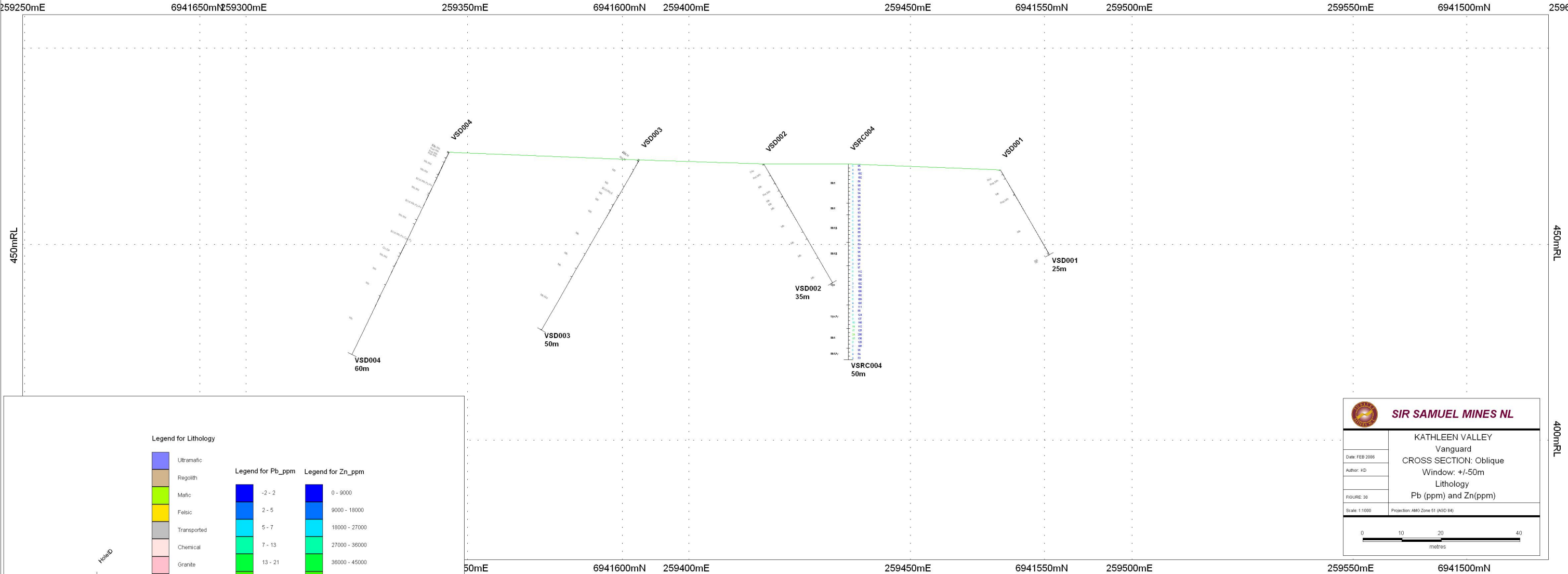
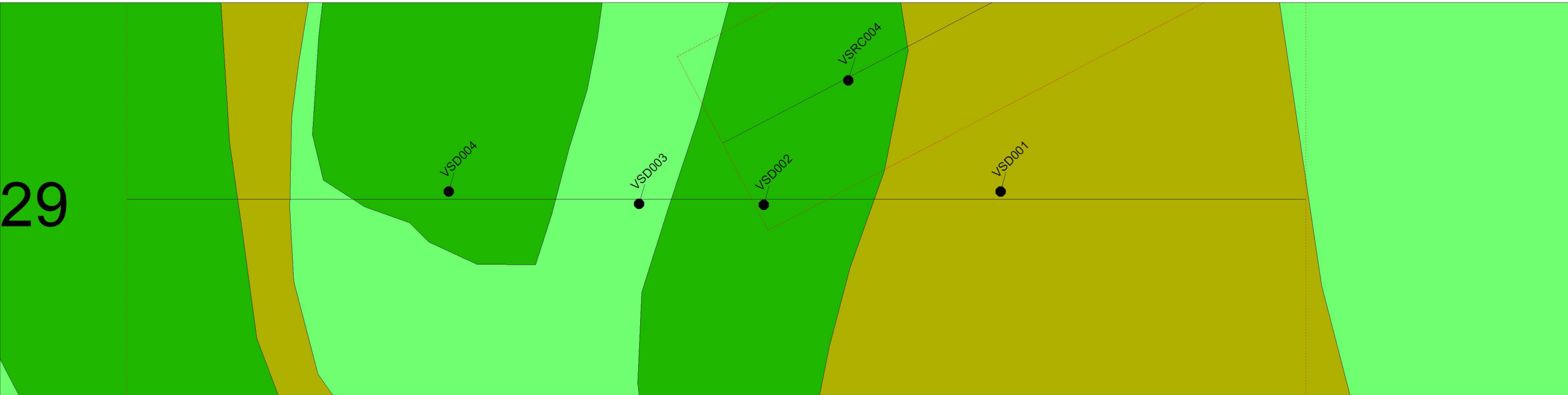


Figure 30

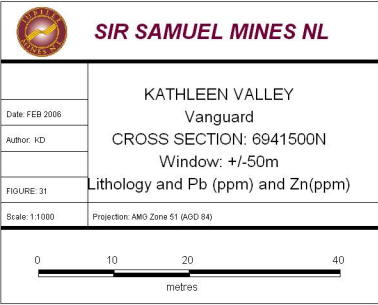
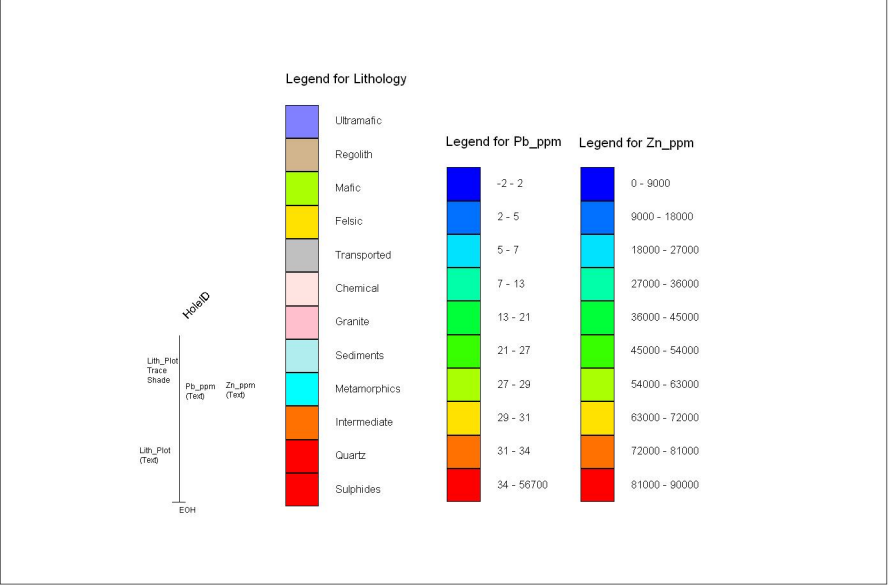
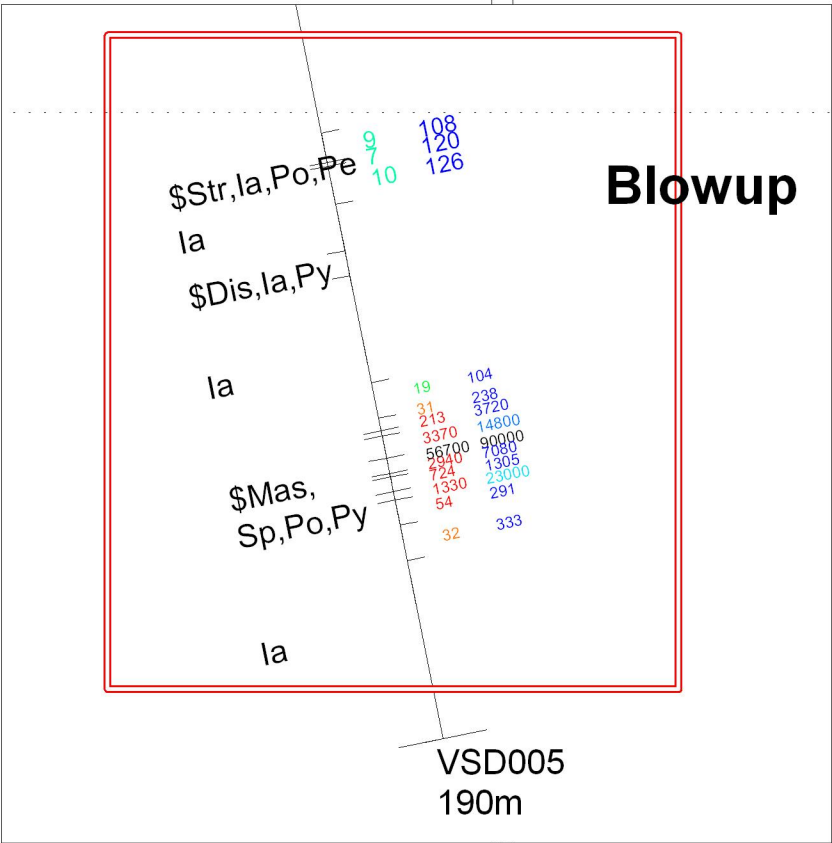
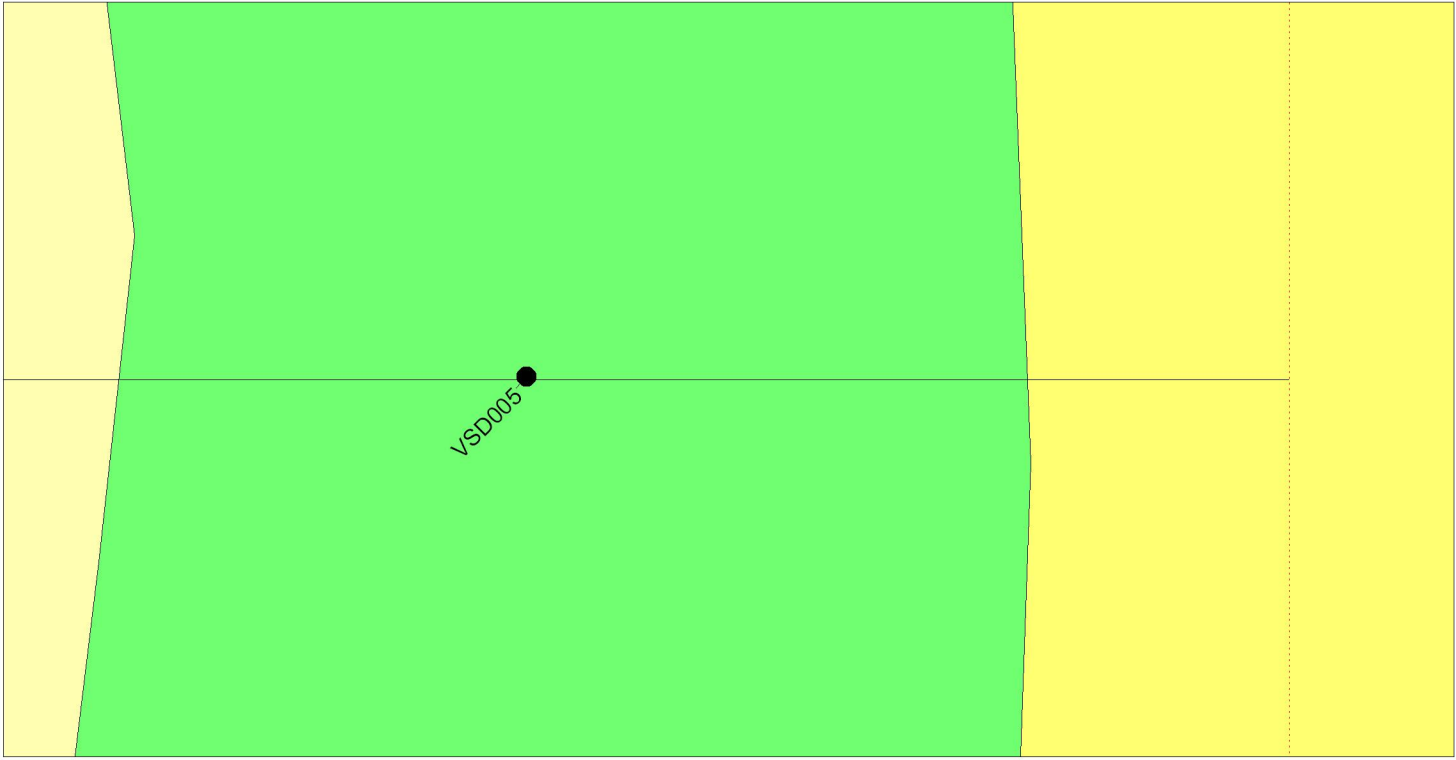


Figure 31

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										Serpentine
			182.65	183.06	0.41	1015	724	1305	105	Andesite with blebby \$
			183.06	183.3	0.24	9840	1330	2.30%	725	Andesite with stringer \$

3.7.2 Cosmos Deeps Underground Exploration-M36/371

A total of 41 underground exploration holes, CDE029-33, 037, 049-58, CME073-92 and ISD159-163 were drilled for a total of 7872.32m and 2316 Laboratory assay samples. The holes were drilled to define the basal contact to the Cosmos ultramafic in areas north, south and west of the existing underground operations. Drilling was carried out by contractor **Major Drilling Group Pty Ltd** using a Boart Longyear LMA 90 underground rig which was replaced during the program with a Boart Longyear LM75 underground rig. Drilling was advanced in NQ2/LTK60 sized core from underground stockpile locations.

Core was orientated via an **Ezymark** tool, sawn in half with half core dispatched to **Kalassay Laboratory** in Kalgoorlie where As, Ag, Mg, Cr, Fe, A, Mn, Al, Ti, Ni, Co, Cu, Zn and Pb were assayed using method ICP_14 which utilizes a four-acid digest with an ICPOES finish. Sampling was on nominal 1m intervals however in zones of mineralisation intervals were geologically determined. All drill hole co-ordinates are determined on the mine grid system which is a truncation of an AMG grid.

Drill Hole statistics are given in Table 19, anomalous intersections given in Table 20.

Table 19: Cosmos Underground Exploration Diamond Drill Holes

Location	Hole ID	Mine East	Mine North	AMG East	AMG North	RL (m)	Dip 0°	Az 0°	EOH Depth	No of Samples
AM Decline	CDE029	10644.50	44566.50	260644.50	6944566.50	-4.00	-8	225	315.00	0
SP24	CDE030	10666.18	44621.97	260666.18	6944621.97	-99.10			307.00	0
SP18	CDE031	10483.00	44591.54	260483.00	6944591.54	101.36	10	118.7	342.60	139
SP18	CDE032	10483.00	44591.54	260483.00	6944591.54	101.36	1.6	116.1	325.05	200
SP18	CDE033	10483.00	44591.54	260483.00	6944591.54	101.36	-4.2	114.4	314.00	83
SP18	CDE037	10483.00	44591.54	260483.00	6944591.54	101.36	-1.1	90.5	298.50	93
SP16	CDE049	10553.15	44786.70	260553.15	6944786.70	139.19	-16	7.5	209.70	84
SP16	CDE050	10553.81	44786.70	260553.81	6944786.70	138.67	-31	21	203.00	38
SP16	CDE051	10554.74	44786.16	260554.74	6944786.16	138.95	-23	42.5	200.62	18
SP16	CDE052	10554.75	44786.17	260554.75	6944786.17	140.11	8.5	43	80.59	19
SP16	CDE053	10554.99	44785.61	260554.99	6944785.61	138.62	-38	51.5	206.71	113
SP16	CDE054	10555.78	44784.38	260555.78	6944784.38	138.15	-	40.5	236.74	101
SP16	CDE055	10555.98	44783.43	260555.98	6944783.43	138.74	-26	101.5	152.43	84

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SP16	CDE056	10555.90	44783.22	260555.90	6944783.22	140.15	8	106	110.40	15
SP16	CDE057	10552.86	44786.48	260552.86	6944786.48	139.88	5	0	221.66	141
AMLED SP3	CDE058	10559.01	44446.40	260559.01	6944446.40	-128.45	-9	217.5	330.00	0
SP19	CME073	10351.62	44544.94	260351.62	6944544.94	80.89	-15	212	362.30	82
SP24	CME074	10671.41	44626.05	260671.41	6944626.05	-100.12	-27	88.5	185.50	92
SP24	CME075	10671.35	44625.94	260671.35	6944625.94	-100.16	-34	74.5	182.20	90
SP24	CME076	10671.16	44626.03	260671.16	6944626.03	-100.57	-44	73	152.10	82
SP24	CME077	10671.64	44626.25	260671.64	6944626.25	-99.10	-7	65	150.00	28
SP24	CME078	10671.56	44626.54	260671.56	6944626.54	-100.44	-39.5	63	275.17	15
SP25	CME079	10733.33	44714.18	260733.33	6944714.18	-109.96	24	166.5	176.60	96
SP25	CME080	10733.48	44714.21	260733.48	6944714.21	-110.52	13	160	98.60	35
SP25	CME081	10733.68	44714.27	260733.68	6944714.27	-110.54	13	155	110.30	61
SP25	CME082	10733.56	44714.20	260733.56	6944714.20	-111.15	-3	156.5	152.92	72
SP25	CME083	10733.71	44713.95	260733.71	6944713.95	-111.93	-30	156	131.87	109
SP23	CME084	10578.30	44773.49	260578.30	6944773.49	-75.95	24	87	193.57	39
SP23	CME085	10578.42	44773.47	260578.42	6944773.47	-76.70	10.5	87.5	220.70	47
SP23	CME086	10577.91	44773.92	260577.91	6944773.92	-76.04	26.5	73.5	179.60	43
SP23	CME087	10578.21	44773.84	260578.21	6944773.84	-77.18	2	77.5	203.15	24
SP23	CME088	10577.95	44774.24	260577.95	6944774.24	-76.08	24.5	65	212.59	51
SP23	CME089	10578.04	44774.11	260578.04	6944774.11	-76.79	10	68	191.60	54
SP25	CME090	10734.31	44714.18	260734.31	6944714.18	-112.16	-35	138	110.50	72
SP25	CME091	10734.10	44714.21	260734.10	6944714.21	-112.73	-60	144	120.00	16
SP25	CME092	10734.07	44714.44	260734.07	6944714.44	-112.79	-70	138	188.47	14
9920	ISD159	10701.55	44761.06	260701.55	6944761.06	-78.72	-11	15	50.50	0
9920	ISD160	10702.28	44760.49	260702.28	6944760.49	-78.77	-14	35	197.88	36
9920	ISD161	10703.05	44759.34	260703.05	6944759.34	-78.73	-15	70	30.80	0
9920	ISD162	10701.82	44761.07	260701.82	6944761.07	-78.52	-5	21.5	60.00	0
9920	ISD163	10702.67	44759.91	260702.67	6944759.91	-78.45	-6	53	81.40	0
Totals									7872.32	2316

Table 20: Significant Under Ground Nickel Intercepts

Hole ID	From	To	Interval	Ni %
CDE031	174.46	174.81	0.35	1.01
	196.24	199	2.76	1.49
		<i>includes</i>	<i>0.48</i>	<i>4.33</i>
	246	247	1	0.63

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CDE032	197.25	197.51	0.26	0.98
	198.2	198.51	0.31	3.31
	202.53	202.95	0.42	0.59
CDE037	243	245	2	1.08
	236	237	1	0.69
	241	243	2	0.73
	245	246	1	0.73
CDE053	156.5	158	1.5	1.14
CDE057	169.28	170.9	1.62	3.85
	184	185	1	0.71
	190	191	1	1.22
CME074	100.15	100.46	0.31	1.21
	101.22	101.41	0.19	2.51
	101.41	102	0.59	1.10
	117	118	1	0.58
CME075	109.11	109.48	0.37	0.62
CME076	148	149	1	0.70
CME077	108.6	109.5	0.9	7.02
		<i>includes</i>	<i>0.1</i>	<i>13.40</i>
	111.8	112.07	0.27	1.02
	112.6	113.15	0.55	2.41
	118.8	119.8	1	0.84
CME079	97.91	101.28	3.37	6.83
		<i>includes</i>	<i>0.85</i>	<i>12.54</i>
	102	112	10	1.07
	149	150	1	0.58
	151	152	1	0.69
CME080	85.26	92.7	7.44	0.77
	98	98.6	0.6	1.07
CME081	83.5	84.14	0.64	0.74
	87.93	88.05	0.12	1.77
	94.5	95	0.5	1.23
	106	107	1	0.63
	108.5	110	1.5	2.87

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		<i>includes</i>	<i>0.18</i>	<i>6.94</i>
CME082	71.12	71.27	<i>0.15</i>	<i>5.71</i>
	77.16	77.53	0.37	1.45
	77.8	78.2	0.4	0.89
	81	83	2	0.76
	90	91	1	0.70
	99	100	1	0.62
	101	104	3	0.60
CME083	52.2	52.6	0.4	0.97
	56.74	57.1	0.36	0.58
	62.08	64	1.92	1.23
	65.25	65.58	0.33	1.51
	71.03	71.55	0.52	2.28
	71.88	72.39	0.51	3.51
	73.74	78.27	<i>4.53</i>	<i>4.07</i>
		<i>includes</i>	<i>0.43</i>	<i>18.30</i>
	95.33	95.98	0.65	0.68
	118.43	122.33	3.9	1.62
	129	130	1	0.60
CME090	54.35	54.55	<i>0.2</i>	<i>5.02</i>
	55.55	56.09	0.54	3.98
	61	62	1	0.80
	68.61	69.11	0.5	1.01

Western Ultramafic Limb

Stockpile 19 was refurbished for drill rig access to enable exploratory drilling to test the western limb of the UM and to identify possible down plunge, depth extensions of the Alec Mairs deposit. The western limb of the UM is now thought to be a faulted offset of the Cosmos UM which hosted the sulphides mined from the pit. It is regarded as having significant potential to host nickel sulphide mineralisation

CME073: This hole failed to intercept anomalous nickel.

Southern Ultramafic Exploration

CME074: This hole was drilled to test the continuity of the Cosmos Ultramafic south of existing reserves. CME074 intersected a narrow zone of stringer mineralization in Felsic Volcanics at 80.74 – 81.30m, and several zones of disseminated to stringer mineralization at 99.42 – 99.55m, 100.15 – 100.46m(*0.31m @ 1.21% Ni*), and 101.22 – 102.77m(best of *0.19m @ 2.51% Ni*).

CME075 intersected several narrow zones of stringer mineralization in Felsic Volcanics at 56.83 – 57.05m, 105.70 – 106.22m, and 109.11 – 109.48m (0.37m @ 0.62% Ni).

CME076 intersected a narrow zone of stringer mineralization at 85.36 – 86.20m.

CME077 intersected a zone of massive ore at 108.60 – 108.70m (**0.1m @ 13.4% Ni**) with several intersections of disseminated to stringer mineralization both up and down hole from the massive ore.

CME078 was drilled successfully with no significant intersections recorded.

CME079 intersected cm scaled pentlandite phenocrysts densely scattered throughout an interval, 97.91-98.76m (**0.85m @ 12.54% Ni**) whilst at 98.76-101.28m (**best of 0.74m @ 4.7% Ni, 1m @ 5.17% Ni and 0.78m @ 4.9% Ni**) breccia sulphide was intersected.

CME080 intersected 1cm stringer sulphide at 87.2m and blebby pyrite throughout 85.26-90.7m. A 0.6m sample of ultramafic at end of hole returned a nickel value of 1.07%, unfortunately the hole was abandoned due to hole collapse and bad ground conditions.

CME081 returned narrow zones of breccia and stringer sulphides at 37.11-38.11m with a zone of disseminated blebby mineralisation at 44.4-45.19m, massive sulphide at 108.5-108.65m returned **0.15m @ 6.94% Ni**.

CME082 intersected four intervals of breccia sulphides, the most significant being 70.94-71.08m, 71.12-71.27m which returned 40% sulphides (**0.15m @ 5.71% Ni**) with the other 3 returning around 5% sulphides at:

72.30-72.34m

77.16-77.53m

77.8-78.2m

The ultramafic contact was intersected at 80.76m

CME083 intersected semi-massive sulphides at 75.71m within an ultramafic breccia zone which returned:

0.43m @ 18.3% Ni from 75.71m, other intercepts returned:

0.51m @ 3.51% Ni from 71.88m

1.03m @ 2.85% Ni from 119.42m

CME090 intersected three zones of semi massive sulphides:

54.35-54.55m has 10% sulphides, **0.1m @ 5.02% Ni**.

54.86-55.08m has 2% sulphides with chalcopyrite stringers

55.55-56.09m has 5% stringer in intermediate volcanics, returning **0.54m @ 3.98% Ni**.

CME091 intersected the ultramafic contact at 111.48m without intersecting mineralisation.

CME092 intersected the ultramafic contact at 136.47m without intersecting mineralisation.

Northern Ultramafic Exploration

CME084 intersected the ultramafic boundary at 148.46m with the unit extending to 173.35m where a siliceous boundary was seen with the Quartz Feldspar Porphyry.

CME085 intersected the ultramafic unit from 162.19m to 180.13m followed by the Quartz Feldspar Porphyry. Pyrite and Pyrrhotite stringers in Garnetiferous Felsic Volcanics were intersected at 39.07 – 39.28m. In addition, scattered blebs of sulphide mineralization were found in Felsic Volcanics at 142.09 – 142.20m and 143.9 – 144.22m. Results are pending.

CME086 intersected narrow zones of disseminated sulphides in Felsic Volcanics at 18.92 – 19.14m, 41.55 – 41.7m and 54.0 – 58.22m. The Ultramafic unit extended from 147.08m until the contact with the Felsic Porphyry at 166.87m.

CME087 intersected highly altered Ultramafics from 167.33 – 171.63m. A serpentine altered Quartz Feldspar Porphyry continued from 171.63m to EOH.

CME088 intersected the ultramafic contact at 145.68, whilst **CME 089** intersected the same contact at 151.44m however no mineralisation was present in either hole.

A geotechnical hole, **CDE030** was also drilled along the proposed Alec Mairs Decline 2 path.

ISD159 to ISD163 were drilled from the 9920 level testing the hanging wall position of Main Lode on the 9895 lift 3 level (above the current level). Mining of the 9895 lift 2 level indicated that the mineralization did not continue up into the next lift as no ore was present in either the backs or western wall. These drill holes confirmed that this portion of the ore body has been closed off. A very narrow zone of mineralization was intersected in ISD159 close to the collar (which represents a stringer visible on 9920), but no mineralization was intersected in any of the holes at the target depths.

Cosmos Deeps Continuity of Mineralisation Drilling

This drilling from stockpile 16 tested the continuity of mineralisation between the pit and the underground mineralisation in addition to

confirming the position of the ultramafic. Holes CDE049-57 tested this zone.

CDE049 intersected stringer mineralisation in Felsic volcanics at 140.6-140.7m at 0.08% Ni, the ultramafic was intersected at 145.61m.

CDE050 did not intersect any mineralisation within felsic or ultramafics which was intersected at 178.07m.

CDE051-57 nothing significant was returned from these holes.

UP Plunge Position of Main Lode Drilling

Drilling from stockpile 18 was designed to test the up plunge position of the Main Lode. Holes CDE031-33 and CDE037 tested this zone.

CDE031 intersected breccia sulphides in garnetiferous felsic volcanics at 174.46m and 296.24m. Ultramafic rocks were intersected within the Felsic Volcanics at two intervals. A highly fractured and brecciated fault zone at 183.1 – 83.72m consisted of Felsic Volcanics and Ultramafic Chlorite Schist. A zone of Ultramafic Tremolite Actinolite rock with sheared Biotite-rich boundaries was intersected at 193.67 – 194.9m. Following a zone of Felsic Volcanics, the ultramafic sequence was found to be 80m thick from 226.3m to where it contacted the Felsic Porphyry at 306.15m.

CDE032: A zone of Intermediate Volcanics from 192.8 - 204m included several small intervals approximately 30cm each of patchy Semi-massive sulphides. Results are pending. A thin intersection of Ultramafics within the Fv occurred at 212.99 – 213.47m with the main body of Ultramafics at a thickness of 69m from 236.23m to the contact with the Felsic Porphyry at 305.16m.

CDE033 did not intersect any mineralisation.

CDE037: With the exception of trace sulphides, no significant mineralization was identified. Approximately 80m of ultramafic sequence was intersected at 206.73m extending to 288.20m, where a fractured zone of Felsic Porphyry was encountered. The Felsic Porphyry, strongly serpentine-altered with quartz veining, continued for 13.2m to end of hole.

Other Underground Drilling

CDE058 was drilled as a cover hole from Stockpile 3 to test for water and gas and to test ground conditions. Water was intersected at 108.4m producing some 15 litres/minute coinciding with friable, talc altered quartz veining in felsic volcanics. No ultramafic or gas were intercepted.

3.8 Geophysics

3.8.1 Mercury-Venus- MLEM Survey-M36/371

Contractor **Fugro Ground Geophysics (Fugro)** carried out surface EM over prospect areas Mercury-Venus to better define and infill previous surveys. A total of 23 lines for 27.8line km and 583 stations were completed. The data was interpreted by consultant **Southern Geoscience Consultants (SGC)**. Survey details are given below with survey locations given in Table 21 and shown in Figure1. Model Images are given in Appendix 3.

Contractor: Fugro Ground Geophysics
Receiver: SmarTEM
Transmitter: Zonge ZT-30
Sensors: Bartington Fluxgate Magnetometer, RVR coil.
Arrays: In-loop \pm slingram, 100m x 100m, triple turn

Channels: up to 36
 (2Hz)
 Current: approx
 20Amps

Table 21: Mercury-Venus MLEM-2005-M36/371

Lines(N)	Start(E)	Finish(E)	Total (km)	Stations
6944500	259600	259900	0.30	7
6944550	259950	260150	0.20	5
6944500	260200	260400	0.20	5
6944700	259600	260350	0.75	16
6944900	259600	260350	0.75	16
6945100	258900	260450	1.55	32
6945300	258900	260700	1.80	37
6945500	258900	260950	2.05	42
6945600	258600	259300	0.70	15
6945700	258600	260900	2.30	47
6945800	258600	259300	0.70	15
6945900	259600	260900	1.30	27
6946100	259600	259900	0.30	7
6946100	260250	261000	0.75	16
6946300	259600	259850	0.25	6
6946300	260050	261000	0.95	20
6946500	260450	261000	0.55	12
6946700	259600	260300	0.70	15
6946700	260500	261000	0.50	11
6946900	259600	261000	1.40	29
6947100	259600	261000	1.40	29
6947300	259600	261000	1.40	29
6947500	259600	261000	1.40	29
6947700	259600	261000	1.40	29
6947900	259600	261000	1.40	29
6948100	259600	261000	1.40	29

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6948300	259600	261000	1.40	29
			<u>27.80</u>	<u>583</u>
		23 lines, 27.8km, 583stations		

The C₈ and C₁₁ anomalies defined previously were confirmed from this survey, one new discrete anomaly was defined in an area not previously surveyed. The anomaly is centred on **~259050mE/6945700mN** coincident with a magnetic high and trending NW within meta volcanics. It has similar characteristics to the Stellar MLEM anomaly which when drilled proved to be pyrrhotite within sediments. This new conductor may prove to be a VMS target as well. Modeling suggests the conductor is small, 250m by 50m, shallow ~50m depth with a steep ENE dip; it could be tested via in-fill FLEM or an RC hole as follows:

Hole drilled at 259110mE/6945700mN, Azimuth 270⁰, dip -60⁰ with an intersection depth of ~85m and max depth ~ 125m would test the conductor.

At the time of writing this report detailed interpretation of this data has not been completed by *SGC*.

3.8.2 Five Creeks-BHPB Geoforret MLEM Survey-M36/377

During the period BHP Billiton requested permission to place surface EM loops within M36/377 (Five Creeks). JBM gave permission and BHP Billiton supplied JBM with only that data within M36/377. Survey specifications are given below with images given in Appendix 3.

Acquisition:	WMC / BHP Billiton
Survey Date:	August 2005
Configuration:	FLEM
Transmitter:	GGT-30
Receiver:	Geoforret Coil
Loop Size:	1000x500m x 2 turns
Current:	36Amp (effective?)
Base Frequency:	0.27778Hz
Sample Rate / Stacks:	25000 / 100
Ramp:	600usec
Coordinate System:	Local Six Mile Grid
Loop Corners:	9750-10250E, 13400-14400N

15 survey lines:	each 250m long = 3.75line km
Readings:	every 50m = 87 stations.

No anomalies were defined within the JBM ground.

3.8.3 Downhole EM

Downhole EM (DHEM) was carried out both on surface holes and underground holes by contractor ***Outer Rim Exploration (ORE)*** under the guidance of ***SGC*** details are given below:

	Outer Rim Exploration
Contractor:	Services
Time Base:	50ms
Ramp	
Time:	1.50ms
Channels:	36
Current:	30-40 amps
Instrument:	Crone PEM
Receiver:	Digital #126
	10m intervals 2-5m over
Readings:	anomalies

3.8.3.1 Vanguard

One geotech hole, VSD005 was surveyed, this hole intersected massive sulphide ~182m which returned 9% Zn. Unfortunately the hole was blocked beyond 183m, the area of interest.

Overall the dataset is relatively flat (before the noise starts) with no sign of any significant off-hole conductors. There is a small anomaly in the very last reading which is consistent with the massive sulphide intersected ~182m However, there is nothing in the data to suggest the zone gets any thicker near this hole. The results have therefore downgraded the potential of this target.

3.8.3.2 Underground

Details of the underground DHEM results are given in Table 22; loop sizes were 400 by 400m-double turn or 400 by 700m-double turn. Modelled conductors are given in Appendix 3.

Table 22: Summary DHEM-Cosmos Underground

Hole	Depth of	Anomaly	Modelled	Comments
ID	Anomaly (m)	Type	Parameters	
CME073	#~190m	#off-hole complex		# Adjacent to UM/felsic contact
	#~230m	# Off-hole in XY, single spike in Z		Poss sub-parallel to hole
	# ~290m	Y only		#Expected to be Current Channelling

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CME075	Hole Blocked @ 90m			\$ zone, 105-110m not surveyed
CME076	#80m	Minor activity between 80-100m		Small feature coincident with
	#100m	only in XY		sulphides
	#130m	As above		
	#150m	As above		
CME078	~170m	Noisy late time anomaly	Small off-hole, possibly	Tested by CME072,075
			above & S of hole	
CME079	~100m	Edge/intersection	Small centred east/below	
			hole	Coincident with massive \$
CME083	~60m	Small off-hole	Centred slightly E	Massive \$ ~75m
				Hole Blocked +80m
CME084	None			
CME085	#~145m	# In-hole	Both centred slightly	
	#~100m	# Minor off-hole	below/south of hole	
CME086	~165m	Unusual EOH anomaly		Possibly contact related
CME087	100-200m	Broad wavelength		Poss distant off-hole coinc
				with Cosmos Deeps \$
CME088	None			
CME089	30-35m	Minor anomalies in Y only		Hole blocked at 35m
CME090	~50-55m	In-hole	NE/above hole	Coincident with \$
CME091	# 671-672m	# Narrow in-hole		# Coincident with matrix/stringer \$
	#670-675m	# Strong off-hole	# Centred below/east &	
			S of hole	
	# ~265, 490-55m	# Contact responses		# Coincident with upper UM contact

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CME092	#~670m	#Small Off-hole	# Centred 10m below/east	
	# ~710	# Off-hole		
	# > 190m	# Off-EOH	# possibly ~50m from hole	
CDE049	#~140m	#Edge/intersection response	#Centred sl NW oh hole	#Coinc with minor \$, Unable to model
	#180-200m	Unusual EOH response		May be coinc with UM contact
CDE050	180-190m	Weak off-hole	Poss NE	Coincident with UM
CDE051	~60m	Minor feature		Poss coinc with \$veins
CDE052	~40-45m	Weak feature		Poss lithology contact related
CDE053	~120m. ~190m	Weak & Noisy		Very noisy in Z, not expected to be sig conductors
CDE054	~140m	Subtle off-hole in early channels	Too weak to model	Coinc with upper UM contact poss current channelling effect
CDE055	#~90m	#Weak low in early Z		#Coinc with upper UM contact
	#130-140m	# Unusual in Y		No support XZ, not expected to be genuine
CDE056	~55m	Weak early time feature		Coinc with UM poss current channelling effect
CDE057	~170m	Strong in-hole/off-hole	Centred slightly above/ west of hole	Poss small, coinc with \$ which could be more extensive to west
ISD160	#~15m	#Strong in-hole		Coincident with intersected M\$
	#~50m	# Off-hole	# Below/S of hole	#Coinc with lower part of main lode

3.8.4 Physical Property Testing

A total of 12 samples were dispatched to Systems Exploration Pty Ltd in NSW for physical property testing. Samples are listed in Table 23 with sample results given in Table 23. Samples were selected from both NQ and HQ half core.

Table 23: Samples Selected for Physical Property Testing

Prospect	Geology	Weath	Mineralised	Hole ID	From	To	Sample No.	Comments
Cosmos								
	HW Felsic Porphyry	W		JCD078	22.5	22.6	1087148	Moderately weathered felsic volcanic,
	HW Felsic Porphyry	F		JCD081	327.7	327.85	1087149	Porphyritic
	HW "Cosmos" Ultramafic	W		JCD054	32	32.1	1087150	Hm alt'd after USP (poss orthocumulate).
	HW "Cosmos" Ultramafic	F		JCD021	195.2	195.3	1087151	Mesocumulate
	HW "Cosmos" Ultramafic	F	Y (<2m above ore, >0.4%)	JCD020	90.6	90.7	1087152	Serpentinised meso/ortho cumulate
	Massive Ni sulphide	F	Y (>20%)	JCD002	139.9	140	1087153	Massive nickel sulphide+
	Intrusive Granodiorite	F		CDE028	86	86.1	1087154	Granodiorite (?)
	FW Felsic Volcanic	F		JCD021	256.3	256.4	1087155	Foliated felsic volcanic
Cosmos Deeps								
	Massive Ni sulphide	F	Y (>20%)	ISD086	52.27	52.44	1087156	Massive nickel sulphide
	Breccia/Stringer Ni sulphide	F	Y (>2%)	ISD086	49.1	49.21	1087157	Stringer nickel sulphides in felsic g'mass.
Five Creeks								
	Massive Pyrrhotitic Sulphide	F		FCD002	325.24	325.34	1087182	Massive pyrrhotite
	Sulphidic Black Shale	F		FCD017	247.15	247.25	1087183	Fine dusting of sulphides in black

Table 24: Physical Property Test Results.

SAMPLES						
cores						
				ind coil		density
	Sir		sub sample	mag k		approx.
Systems	Samuel	lithology				g/cc
#	#			SIx10 ⁻⁵		t/m ³
	(10871-)					
COSMOS						
1	48	HW fels porph	a	5		2.49
			b	4		2.48
2	49	HW fels porph	a	18		2.68
			b	19		2.70
3	50	HW ultramafic	a	1793		2.56
			b	1314		2.51
4	51	HW ultramafic	a	13601		2.74
			b	13378		2.75
5	52	HW ultramafic	a	710		2.87
			b	2989		2.87
			c	1198		2.77
6	53	Massive Ni sulphide	a	18862		4.55
			b	14590		4.49
7	54	Granodiorite	a	18		2.68
8	55	FW fels volcanic	a	40		2.80
			b	34		2.78
COSMOS DEEPS						
9	56	Massive Ni sulphide	a	13458		4.51
			b	10894		4.58
			c	16728		4.49
10	57	bx/stringer Ni sulphide	a	1650		3.06
			b	386		4.15
FIVE CREEKS						
35	82	Massive po sulphide	a	3501		4.04
			b	2311		3.58
36	83	Sulphidic black sh	a	17		2.69
			b	29		2.68

TECHNIQUES__induction coils mag k 460 Hz, EM cond. >100 kHz

4 Mining

Mining progressed at Cosmos Deeps with production statistics given in Table 25, mine development is given in Figure 32. Ore was dispatched to Inco Smelter in Canada; details of the shipments are given in Table 26. Underground mining is carried out by contractors, *Byrncut Mining*, using long-hole stoping and cut and fill methods in the following areas:

March Q: 895 Cut, 970 B lode, 920 C lode

June Q: 9895, 9870, 9970 B Lode, 9945 N & S Stopes

September Q: Central Portion of the Deeps

December Q: Central Portion of the Deeps

Table 25: Cosmos Production Statistics-2005

	March 05 Q	June 05 Q	Sept 05 Q	Dec 05 Q	Project to Date
Ore Mined (tonnes)	54,180.00	53,664.00	55,361.00	32,720.00	847,896.00
Mined Ni Grade %	4.51	5.74	5.50	6.23	7.75
Plant Feed (Tonnes)	45,791.00	44,515.00	48,978.00	56,572.00	852,760.00
Milled Ni Grade %	5.20	6.20	5.27	5.38	7.69
Ni Recovery	96.20	96.40	96.50	95.00	95.70
Concentrate Produced (dmt)	11,533.00	13,517.00	12,704.00	14,410.00	326,196.00
Plant Availability	97.80	96.50	97.90	96.20	96.80
Shipped Concentrate (dmt)	12,021.00	9,097.00	10,308.00	21,115.00	328,107.00

Table 26: Cosmos Ore Shipments-2005

Shipments	Tonnes	No of Shipments	Shipment No's
March 05 Q	12021(dmt)	2	32, 33
June 05 Q	9097(dmt)	1	34
September 05 Q	10308(dmt)	2	35, 36
December 05 Q	21115(dmt)	2	37, 38

4.1 *Cosmos Deeps Reserve*

The Cosmos Deeps reserve was derived from a grade control model as at June 2005 interrogated against life of mine design. Estimation of the ore reserve utilises a 1.4% block cut-off.

Table 27: Cosmos Deeps Resource

(With depletion by production as at June 2005)

Category	Tonnes	Ni %	Contained Ni (t)	Cu %	Contained Cu (t)	Co %	Contained Co (t)
Measured-Main Lode	141,000.00	8.35	11,770.00	0.39	550.00	0.13	180.00
Indicated-Main Lode	95,500.00	9.79	9,350.00	0.43	410.00	0.15	140.00

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Subtotal	236,500.00	8.93	21,120.00	0.41	960.00	0.14	320.00
Indicated HWB Lode	5,000.00	4.10	210.00	0.14	10.00	0.07	4.00
Indicated HWC Lode	3,500.00	3.89	140.00	0.15	10.00	0.07	2.00
Sub Total	8,500.00	4.12	350.00	0.24	20.00	0.07	6.00
Inferred Resource	74,000.00	3.70	2,740.00	0.19	140.00	0.05	40.00
Total Mineral Resource	319,000.00	7.60	24,210.00	0.35	1,120.00	0.11	366.00

Table 28: Cosmos Deeps Ore Reserve

(With depletion by production as at June 2005)

Category	Tonnes	Ni %	Contained Ni (t)	Cu %	Contained Cu (t)	Co %	Contained Co (t)
Proven Reserve	292,000.00	5.89	17,200.00	0.25	720.00	0.09	260.00
Probable Reserve							
Probable HWB*	8,400.00	2.00	170.00	0.07	6.00	0.03	3.00
Probable HWC**	6,475.00	2.54	160.00	0.10	6.00	0.05	3.00
Total Ore Reserves	307,000.00	5.70	17,500.00	0.24	732.00	0.09	266.00

* Hanging Wall B

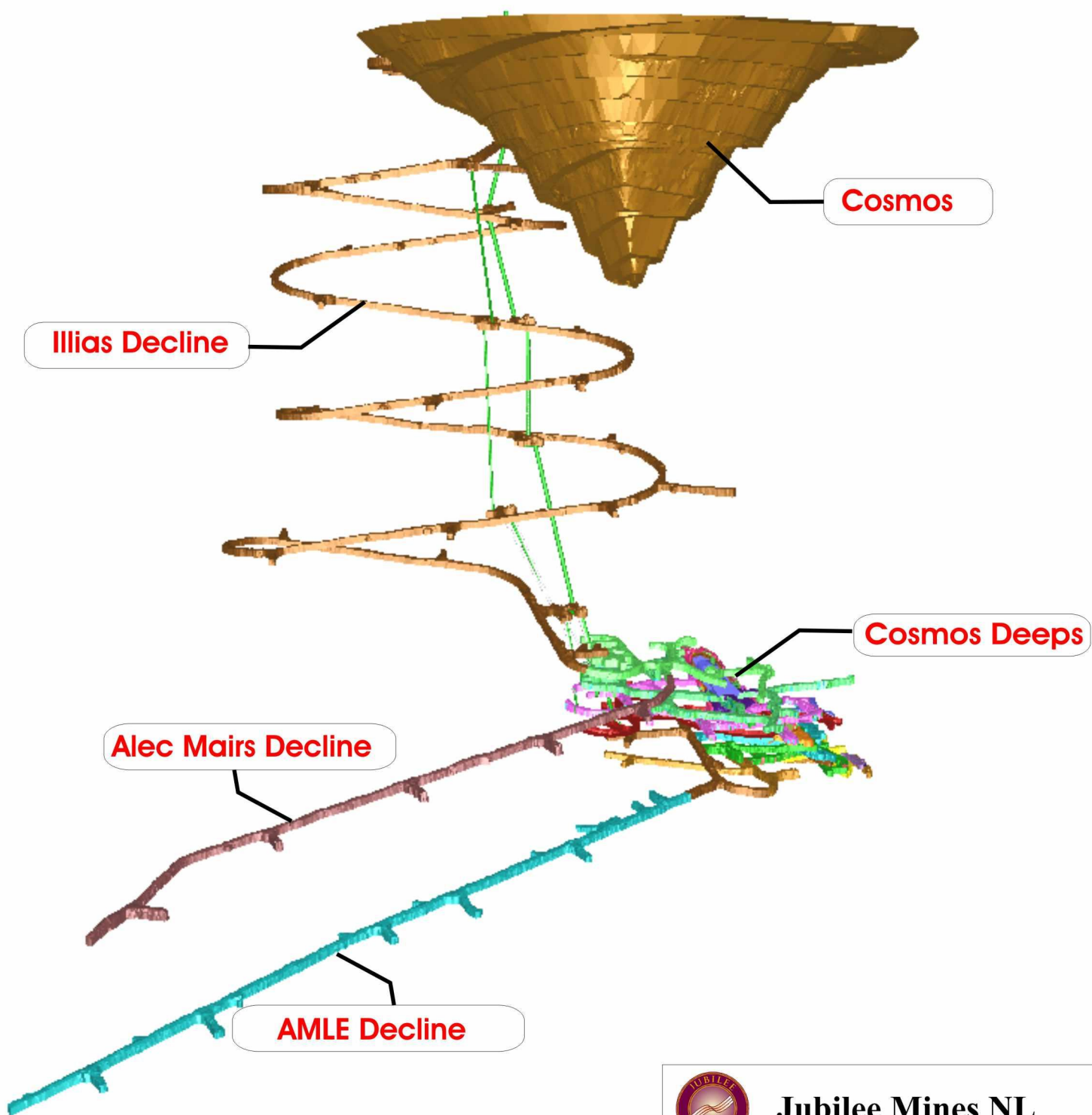
Lode

** Hanging Wall C

Lode

5 References

- Kathleen Valley Combined Annual Report for M36/24, 342, 349, 371, 375, 377 E36/418, and P36/1397-P36/1401-January 2005-M Kelly.



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**Kathleen Valley Project
Cosmos Deeps
as at December 2005**

Figure 32

Appendix 1

SOIL SAMPLING PROTOCOLS

Sample Site Selection

A sample site should represent the typicality of the immediate area. Avoid the abnormal.

Sample Details

At each site record coordinates and the soil details as per project requirements (see Snr Exploration Geologist and DET soil.xls).

Sample Site Preparation

1. Scrape over an area of approx 1m diameter to remove surface crust, surface lag & vegetation. **ENSURE NO SURFACE CONTAMINATION.**
2. Dig over and mix very well (homogenization) the central 30-40cm of the cleared area to a depth of approx 25cm. **DO NOT DIG DEEPER HOLES**

Sample Collection

- Scoop sample from 5 to 25 cm depth. **DO NOT SAMPLE DEEPER.**

Sample Sieving

- Dry sieve at the sample site to collect ~100 gms of -250um sample.
- After sampling fill the hole and level the area sampled.

Field Duplicates

Select a representative site within~1-2m of the original site and sample as described above. **DO NOT** collect duplicate sample from the original hole. Collect at a rate of 4:100 and consecutively number after the original sample number (i.e. 00/**01**, 24/**25**, 49/**50**, 74/**75**).

Certified Reference Materials (CRMs)

Add 35-50 g of CRM into a Kraft sample bags at a rate of 4 in 100 (i.e. sample number 10, 35, 60, and 85).

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JUBILEE SOIL LEGEND

SPECIFIC SOIL SAMPLING CODES

Weight is stated in GRAMS

Mesh Size will usually be -250um

Column Name	Code	Description
Origin (Lith_1 in database)	TA	Alluvial Soil
	TC	Colluvial Soil
	TE	Aeolian Soil
	R	Residual Soil
	TI	Indeterminant Soil
Mineralogy (Lith_2 in Database)	Cca	Calcareous
	Cfe	Ferruginous
	Ccz	Clay
	Cmn	Manganiferous
	Csi	Silica rich
	Cti	Indeterminant
Grainsize	L	Loam, (<250um)
	S	Sand, (250um to 2.00mm)
	G	Gravels, (>2.00mm)
Surface	C	Subcrop
	O	Outcrop
	S	Soil
	X	Indeterminant
Slope	F	Flat (0-5)
	G	Gentle (5-15)
	M	Moderate (15-25)
	S	Steep (>25)
Terrain	A	Agriculture
	I	Infrastructure
	M	Mining
	N	Natural
Vegetation	Y	Yes, vegetation within 1-2m
	N	No, no vegetation within 1-2m

GEOLOGY ROCK CODES

GEOLOGY CODES

Colour

Column Name	Group	Code	Description
Lith*_Colour	Intensity	L	Light
		M	Medium
		D	Dark
	N/A	N	Black
		U	Blue
		B	Brown
		C	Cream
		V	Green
		G	Grey
		H	Khaki
		O	Orange
		K	Pink
		P	Purple
		R	Red
		W	White
		Y	Yellow
		Mot	Mottled

Grainsize

Column Name	Group	Code	Description
Lith*_GrainSize	N/A	VFg	Very Fine Grained
		Fg	Fine Grained
		FMg	Fine-Medium Grained
		Mg	Medium Grained
		MCg	Medium-Coarse Grained
		Cg	Coarse Grained
		VCg	Very Coarse Grained

Weathering

Column Name	Group	Code	Description
Weathering	N/A	CW	Completely Weathered
		HW	Heavily Weathered
		W	Weathered
		T	Transitional

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		F	Fresh Rock
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Lithology

Column Name	Group	Code	Description
Lith*_Code	<i>LAGS (Not used)</i>	<i>La</i>	<i>Lateritic</i>
		<i>Lf</i>	<i>Ferruginous/Non-Lateritic</i>
		<i>Ll</i>	<i>Lithic</i>
		<i>Lm</i>	<i>Mixed</i>
		<i>Lq</i>	<i>Quartz</i>
	SOILS	RSc	Carbonate Soils
		RSI	Loam Soils
		RSs	Sandy Soils
		RGn	Gossan
	TRANSPORTED	TA	Alluvial Sediments Undifferentiated
	OVERBURDEN	TAc	Alluvial Clay
		TAs	Alluvial Sand
		TAg	Alluvial Gravel
		TAI	Alluvial Laterite/Lag
		TAn	Alluvial Nodules
		TC	Colluvial Sediments Undifferentiated
		TCc	Colluvial Clay
		TCs	Colluvial Sands
		TCg	Colluvial Gravel
		TCI	Colluvial Laterite/Lag
		TCn	Colluvial Nodules
		TE	Aeolian Deposits Undifferentiated
		TEc	Aeolian Clay/Silt
		TEs	Aeolian Sand
		TEg	Aeolian Gravel
		TEI	Aeolian laterite/Lag
	WEATHERING	RL	Laterite Undifferentiated
	PROFILE	RLp	Pisoliths
		RLn	Lateritic Nodules
		RLd	Lateritic Duricrust
		Rmz	Mottled Zone
		Rpz	Pallid/Bleached Zone
		Rcz	Clay Zone
		Rsp	Saprolite Undifferentiated
		Rcf	Ferruginous Clay

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		Rsc	Saprolitic Clay
		Rsf	Ferruginous Saprolite
		Rsr	Saprock
		Rusi	Ultramafic Silica Cap
		Rusc	Ultramafic Silica Cap Collapsed
		Cca	Calcrete
		Csc	Siliceous Caprock
		Csl	Silcrete
		Cfe	Ferricrete
		Chp	Hardpan
	FELSIC VOLCANICS	Fv	Felsics Undifferentiated
		Fr	Rhyolite
		Frd	Rhyodacite
		Fd	Dacite
		Ft	Felsic Tuff Undifferentiated
		Fta	Felsic Tuff (Ashfall)
		Fti	Felsic tuff (Ignimbrite/Flow Tuff)
		Fbx	Felsic Volcanic Breccia
		Fvc	Felsic Volcanoclastic
	FELSIC	FS	Felsic Schists Undifferentiated
	META - VOLCANICS	FSs	Sericite Schist
		FSsq	Sericite Quartz Schist
		FvBx	Felsic Breccia
	INTERMEDIATE	Iv	Intermediate Undifferentiated
	VOLCANICS	Ia	Andesite
		Il	Latite
		Iy	Trachyte
		It	Intermediate Tuff Undifferentiated
		Ita	Intermediate Tuff (Ashfall)
		Iti	Intermediate Tuff (Ignimbrite/Flow Tuff)
		Ibx	Intermediate Volcanic Breccia
		Ii	Intermediate intrusive
		Ivc	Intermediate Volcanoclastic
	INTERMEDIATE	IS	Intermediate Schists Undifferentiated
	META - VOLCANICS	ISsp	Sericite Plagioclase Schist
		ISpcs	Plagioclase Chlorite Sericite Schist
		ISsb	Sericite Biotite Schist
	MAFIC VOLCANICS	M	Mafics Undifferentiated
		Mb	Basalt
		Mbm	Magnesian Basalt
		Mbt	Tholietic Basalt
		Mbc	Calc-Alkaline Basalt

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		Mbk	Komatiitic Basalt
		Mt	Mafic Tuff
		Mta	Mafic Tuff (Ashfall)
		Mbx	Mafic Volcanic Breccia
		Mvc	Mafic Volcanoclastic
	MAFIC INTRUSIVES	Md	Dolerite
		Mg	Gabbro
		Mgh	Hornblende Gabbro
		Mn	Norite
		Mr	Rodingite
	MAFIC	MS	Mafic Schist Undifferentiated
	META - VOLCANICS	MSb	Meta-Basalt
		MSc	Chlorite Schist-Sheared Basalt
		MSa	Actinolite Schist
		MShp	Hornblende Plagioclase Schist
			.
	ULTRAMAFIC	U	Ultramafics Undifferentiated
		Uk	Komatiite
		Ud	Dunite (>90% Olivine)
		Uo	Olivine Dunite (70-90% Olivine)
		Upd	Peridotite (40-70% Olivine)
		Upx	Pyroxenite (<40% Olivine)
		Utma	Tremolite-Actinolite Rock
		Utmc	Tremolite-Chlorite Rock
		Usi	Silicified Ultramafic
		Urz	Reaction Zone (Biotite/Chlorite Altered)
	ULTRAMAFICS	US	Ultramafic Schist Undifferentiated
	METAMOPHOSED	USc	Chlorite Schist
		USst	Talc Schist
		USstc	Talc-Chlorite Schist
		USstb	Talc-Carbonate Schist
		USP	Serpentine Undifferentiated
		USPk	Serpentinised Komatiite
		USPd	Serpentinised Dunite
		USPo	Serpentinised Olivine Dunite
		USPpd	Serpentinised Peridotite
		USPpx	Serpentinised Pyroxenite
		Uac	Adcumulate (Dunite)
		Umc	Mesocumulate (Peridotite/Dunite)
		Uoc	Orthocumulate (Peridotite)
		Uspx	Spinifex textured (Flow tops/Base)

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		Hyb	Breccia containing multiple rocktypes
	GRANITOIDS &	G	Granitoid Undifferentiated
	INTRUSIVES	Ga	Alkali Granite
		Gg	Granite
		Ggd	Granodiorite
		Gd	Diorite
		Gt	Tonalite
		Gp	Granite Pegmatite
		Gs	Syenite
		Gm	Monzonite
		Gmd	Monzodiorite
		Gn	Gneiss-Granitic
		Gap	Aplite
	PORPHYRY INTRUSIVES	FP	Felsic Porphyry Undifferentiated
		FPq	Quartz Porphyry
		FPf	Feldspar Porphyry
		FPqf	Quartz Feldspar Porphyry
		IPa	Andesite Porphyry
	METAMORPHICS	SM	Meta-Sediments Undifferentiated
		SMsl	Slate
		SMph	Phyllite
		SMsh	Schist
		SMam	Amphibolite
		SMhf	Hornfels
		SMmi	Migmatite
		SMq	Quartzite
		SMps	Psammite
		SMg	Graphitic Schist
	SEDIMENTS	S	Sediments Undifferentiated
		Sa	Arkose
		Sbs	Black Shale
		Sbx	Sedimentary Breccia
		Sc	Conglomerate
		Sem	Mafic Conglomerate
		Sct	Chert
		Sd	Dolomite
		Se	Evaporite
		SFd	Dacitic Sediment
		Sgw	Greywacke
		Sif	Banded Iron Formation
		Sl	Limestone
		Smd	Mudstone
		Ssa	Sandstone
		Ssh	Shale

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		Ssi	Siltstone
		SV	Volcanoclastics Undifferentiated
	HUMAN INFLUENCES	HD	Dump, Stockpile etc.
		HV	Mining-induced void
		HO	Disturbed ground - rocks not mappable
		DL	Lost drill core or RC/percussion sample
		DR	No drill core/sample return
	QUARTZ	Qz	Quartz
	SULPHIDES	\$	Sulphide
		\$Mas	Massive Sulphide (>80%)
		\$Mtx	Matrix Sulphide (40-80%)
		\$Str	Stringer Sulphide
		\$Vn	Vein Sulphide
		\$Dis	Disseminated Sulphides (1-3%)
		\$Hdis	Disseminated Sulphides (3-5%)
		\$Blb	Blebby Sulphide
		\$Bx	Breccia Sulphide
		\$Cld	Cloud Sulphide
		XX	NEW CODE

Textures

Column Name	Group	Code	Description
Lith*_Texture	N/A	AC	Adcumulate
		A2	Random Spx texture
		A3	Book Spx texture
		Agg	Agglomerate
		Amg	Amygdaloidal
		Ang	Angular
		Asi	Asicular
		B	B zone orthocumulate
		Ban	Banded
		Bed	Bedded
		Bla	Bladed
		Blb	Blebby
		Bou	Boudinaged
		Brk	Broken
		Bx	Brecciated
		Bxa	Auto Breccia
		Bxh	Hydrothermal Breccia
		Bxt	Tectonic Breccia
		Bxv	Vent Breccia
		C	Cumulate Undifferentiated

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		Chd	Chalcedonic
		Ckl	Crackle
		Cnt	Contorted
		Col	Colloformed
		Cre	Crenulated
		Def	Deformed
		Den	Dendritic
		Dis	Disseminated
		Drs	Drusy
		Equ	Equigranular
		Euh	Euhedral
		Eut	Eutaxitic
		Fbd	Flow Banded
		Fis	Fissile
	Foliation Codes!	FolM	Moderately Foliated
		FolS	Strongly Foliated
		FolW	Weakly Foliated
		Frg	Fragmental
		FT	Flow top breccia
		Fxd	Fractured
		GB	Graded Beds
		Gne	Gneissic
		Gos	Gossanous
		Gra	Granular
		H	Harrisitic
		Ibd	Interbedded
		Inc	Inclusions
		Ind	Indurated
		Int	Intercumulus
		Jnt	Jointed
		Jst	Metamorphic Olivine (Jackstraw)
		Lam	Laminated
		Lap	Lapilli
		Lay	Layered
		Len	Lenticular
		Lin	Lineated
		Lit	Lithic
		Lps	Lapilli Stone (>2mm pyroclasts)
		Lpt	Lapilli Tuff
		Lpx	Lapilli Breccia
		Mas	Massive
		MC	Mesocumulate
		Mig	Migmatitic
		Mon	Monomictitic
		Mot	Mottled
		Mtx	Matrix
		Myl	Mylonitic
		Nod	Nodular or as Nodules

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	OC	Orthocumulate
	Ool	Oolitic
	Oph	Ophitic
	Orb	Orbicular
	Pcl	Pyroclastic
	Peg	Pegmatitic
	Phe	Phenocrysts
	Pil	Pillowed
	Pis	Pisolite
	Ply	Polymictic
	Pob	Porphyroblastic
	Por	Porphyritic
	Pri	Prismatic
	Psc	Pseudoclastic
	Psu	Pseudomorphed
	Px	Pyroxene oikocrysts
	Qey	Quartz eyes
	Rad	Radiating
	Rnd	Rounded
	Rxt	Recrystallised
	Sac	Saccaroidal
	Sch	Schistose
	Seh	Sub-euhedral
	Shd	Shards
	Shr	Sheared
	Sls	Slickensides
	Slu	Soft Sediment Slumps
	Sly	Slatey
	Spe	Spherulitic
	Spt	Spotted
	Spx	Spinifex
	Srn	Sub-rounded
	Str	Stringer
	Stw	Stockworked
	Sty	Styolites
	Tbx	Tuffaceous Breccia
	Tra	Translucent
	Try	Trachytic
	Tuf	Tuffaceous
	Vbx	Volcanic Breccia
	Vcl	Volcanoclastic
	Ves	Vesicular
	Vft	Vitric Fiamme Textured
	Vit	Vitric
	Vn	Veined, Veining
	Vnl	Veinlets
	Vol	Volcanic
	Vug	Vuggy

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		Vx	Vein Crosscutting
		Wax	Waxy
		Wel	Welded
		Xb	Cross Bedded
		Xen	Xenolithic
		Xt	Crystalline
		Xt	Crystalline

ALTERATION CODES

Alteration

Column Name	Group	Code	Description
Alt*_Code	N/A	Al	Albite
		Ant	Antigorite
		Bl	Bleached
		Bt	Biotite
		Cb	Carbonate
		Cl	Chloritic
		Cs	Calc-silicate
		Cy	Clay
		Ep	Epidote
		Fuc	Fuchsite
		Liz	Lizardite
		Po	Potassic
		Se	Sericite
		Si	Siliceous
		Sr	Serpentinised
		Ta	Talc

Intensity

Column Name	Group	Code	Description
Alt*_Int	N/A	VW	Very Weak
		W	Weak
		WM	Weak to Moderate
		M	Moderate
		MS	Moderate to Strong
		S	Strong
		VS	Very Strong
		Va	Variable
		I	Increasing
		D	Decreasing

Style

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Column Name	Group	Code	Description
ALT*_Style	N/A	Mas	Massive
		Pat	Patchy
		Prv	Pervasive
		Spt	Spotted
		Hal	Halo
		Mtx	Matrix
		Irr	Irregular

MINERAL/SULPHIDE CODES

Mineral/Sulphide

Column Name	Group	Code	Description
Min*_Code	N/A	Ac	Actinolite
Sulph*_Code		Af	Alkali Feldspar (Orthoclase - Albite)
		Ag	Silver
BOLD indicates		Ab	Albite
Sulphide Code		Al	Aluminosilicate
		Amph	Amphibole
		An	Andalusite
		And	Andesine
		Ank	Ankerite
		Anp	Anthiophyllite
		Ant	Antigorite
		Ap	Apatite
		Apy	Arsenopyrite
		Au	Gold
		Az	Azurite
		Ba	Barite
		Bo	Bornite
		Bru	Brucite
		Bt	Biotite
		Ca	Calcite
		Cb	Carbonate
		Cc	Calcareous
		Cd	Cordierite
		Ce	Cerrusite
		Cha	Chalcedony
		Cl	Chlorite
		Cm	Cumingtonite
		Co	Corundum
		Cp	Chrysoprase
		Cpy	Chalcopyrite

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	Cr	Chromite
	Cry	Chrysotile
	Cs	Cassiterite
	Cu	Copper
	Cv	Covellite
	Cx	Clinopyroxene
	Cy	Clay
	Di	Diopside
	Ep	Epidote
	Fd	Feldspar
	Fe	Ferruginous, Iron
	Fl	Fluorite
	Fuc	Fuchsite
	Ga	Galena
	Go	Goethite
	Gp	Graphite
	Gt	Garnet
	Gy	Gypsum
	Ha	Halite
	Hb	Hornblende
	Hm	Haematite
	Il	Ilite
	Im	Ilmenite
	Ja	Jarosite
	Jp	Jasper
	Ka	Kaolin
	Kf	K-feldspar (orthoclase)
	Ky	Kyanite
	Liz	Lizardite
	Lm	Limonite
	Mc	Malachite
	Mi	Mica
	MI	Millerite
	Mn	Manganese Oxides
	Mo	Molybdenite
	Ms	Magnesite
	Mt	Magnetite
	Mu	Muscovite
	Non	Nontronite
	o	Olivine (Primary/Igneous)
	om	Olivine (Metamorphic)
	Op	Orthopyroxene
	Or	Orthoclase
	Ox	Oxides, Oxidised
	Pe	Pentlandite
	Phl	Phlogopite
	Pl	Plagioclase
	Po	Pyrrhotite

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		Px	Pyroxene
		Py	Pyrite
		Pya	Pyroaurite
		QC	Quartz-Carbonate
		QF	Quartz-Feldspar
		QZ	Quartz
		Ru	Rutile
		Sb	Stibnite
		Sd	Siderite
		Se	Sericite
		Sf	Sodic Feldspars
		Sh	Sphene
		Si	Silica
		Sl	Silimanite
		Sm	Smectite
		Sr	Serpentine
		Sp	Sphalerite
		St	Staurolite
		Sti	Stichtite
		Ta	Talc
		Tm	Tremolite
		Tr	Tourmaline
		Tz	Topaz
		Vi	Violarite
		Wo	Wollastinite
		Ze	Zeolite
		Zr	Zircon
		\$	Sulphide

Sulphide _Styles

Column Name	Group	Code	Description
Sulph*_Style	N/A	Blb	Blebbly
		Cld	Cloud
		Dis	Disseminated
		Gos	Gossanous
		Mas	Massive
		Mtx	Matrix
		Prv	Pervasive
		Str	Stringer
		Stw	Stockworked

Mineral _Styles

Column Name	Group	Code	Description
Min*_Style	N/A	AC	Adcumulate
		Asi	Asicular

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	Ang	Angular
	Amg	Amygdaloidal
	Ban	Banded
	Bla	Bladed
	Blb	Blebbly
	Bou	Boudinaged
	Col	Colloformed
	Xb	Cross Bedded
	Chd	Chalcedonic
	Cre	Crenulated
	Xt	Crystalline
	C	Cumulate Undifferentiated
	Def	Deformed
	Den	Dendritic
	Dis	Disseminated
	Drs	Drusy
	Equ	Equigranular
	Euh	Euhedral
	Eut	Eutaxitic
	Fbd	Flow Banded
	FolW	Weakly Foliated
	FolM	Moderately Foliated
	FolS	Strongly Foliated
	Gne	Gneissic
	Gos	Gossanous
	Gra	Granular
	H	Harrisitic
	Inc	Inclusions
	Int	Intercumulus
	Lay	Layered
	Lin	Lineated
	Len	Lenticular
	Mas	Massive
	Mtx	Matrix
	MC	Mesocumulate
	Mig	Migmatitic
	Mon	Monomictitic
	Mot	Mottled
	Myl	Mylonitic
	Ool	Oolitic
	Oph	Ophitic
	Orb	Orbicular
	OC	Orthocumulate
	B	B zone orthocumulate
	Ply	Polymictic
	Por	Porphyritic
	Pob	Porphyroblastic
	Px	Pyroxene oikocrysts

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	Peg	Pegmatitic
	Per	Pervasive
	Phe	Phenocrysts
	Pri	Prismatic
	Psc	Pseudoclastic
	Psu	Pseudomorphed
	Qey	Quartz eyes
	Rad	Radiating
	Rxt	Recrystallised
	Rnd	Rounded
	Sac	Saccaroidal
	Sch	Schistose
	Shd	Shards
	Shr	Sheared
	Spe	Spherulitic
	Spt	Spotted
	Spx	Spinifex
	A2	Random Spx texture
	A3	Book Spx texture
	Str	Stringer
	Stw	Stockworked
	Seh	Sub-euhedral
	Try	Trachytic
	Wel	Welded
	Xt	Crystalline

VEIN CODES

Vein

Column Name	Group	Code	Description
Vein*	N/A	Ac	Actinolite
		Af	Alkali Feldspar (Orthoclase - Albite)
		Ag	Silver
		Al	Albite
		Al	Aluminosilicate
		Amph	Amphibole
		An	Andalusite
		Anp	Anthiophyllite
		Ant	Antigorite
		Ap	Apatite
		Apy	Arsenopyrite
		Au	Gold
		Az	Azurite
		Ba	Barite
		Bo	Bornite

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	Bo	Bornite
	Bru	Brucite
	Bt	Biotite
	Ca	Calcite
	Cb	Carbonate
	Cc	Calcareous
	Cd	Cordierite
	Ce	Cerrusite
	Chm	Chromite
	Chy	Chrysotile
	Cl	Chlorite
	Cm	Cummingtonite
	Co	Corundum
	Cpy	Chalcopyrite
	Cr	Chromite
	Cs	Cassiterite
	Cu	Copper
	Cv	Covellite
	Cx	Clinopyroxene
	Cy	Clay
	Di	Diopside
	Ep	Epidote
	Fd	Feldspar
	Fe	Ferruginous, Iron
	Fl	Fluorite
	Ga	Galena
	Gap	Aplite
	Go	Goethite
	Go	Goethite
	Gp	Graphite
	Gp	Granite Pegmatite
	Gt	Garnet
	Gy	Gypsum
	Ha	Halite
	Hb	Hornblende
	Hm	Haematite
	Il	Ilite
	Im	Ilmenite
	Ja	Jarosite
	Ka	Kaolin
	Kf	K-feldspar (orthoclase)
	Ky	Kyanite
	Liz	Lizardite
	Lm	Limonite
	Mc	Malachite
	Mi	Mica
	Mn	Manganese Oxides
	Mo	Molybdenite

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	Ms	Magnesite
	Mt	Magnetite
	Mu	Muscovite
	o	Olivine
	Pe	Pentlandite
	Op	Orthopyroxene
	Or	Orthoclase
	Ox	Oxides, Oxidised
	Phl	Phlogopite
	Pl	Plagioclase
	Po	Pyrrhotite
	Px	Pyroxene
	Py	Pyrite
	Pya	Pyroavrite
	QC	Quartz-Carbonate
	QF	Quartz-Feldspar
	Qz	Quartz
	Ru	Rutile
	Sb	Stibnite
	Sd	Siderite
	Sf	Sodic Feldspars
	Sh	Sphene
	Si	Silica
	Sl	Silimanite
	Sm	Smectite
	Sp	Sphalerite
	Sr	Serpentinised
	St	Staurolite
	Sti	Stichtite
	Ta	Talc
	Tm	Tremolite
	Tr	Tourmaline
	Tz	Topaz
	Wo	Wollastinite
	Ze	Zeolite
	Zr	Zircon

Style

Column Name	Group	Code	Description
Vein*_Style		Ans	Anastomosing
		Ene	En Echelon
		Irr	Irregular
		Lam	Laminated
		Str	Stringer
		Stw	Stockworked
		Tg	Tension Gash

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		Vnl	Veinlets
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STRUCTURAL CODES

Structure

Column Name	Group	Code	Description
Structure	N/A	B	Broken Core
		Bed	Bedding
		Bx	Brecciated
		C	Cleavage
		Ct	Contact
		Flt	Fault
		Fol	Foliation
		G	Fault Gouge
		Jt	Joint
		M	Micro Faulting
		Mf	Micro Folds
		Sch	Schistosity
		Sfc	Spaced Fracture Cleavage
		Shr	Shear
		Sls	Slickensides
		Smc	Spaced Mineral Cleavage
		Stw	Stockworks
		Vn	Vein
		Lm	Mineral Lineation

Structure_Int	N/A	VW	Very Weak
		W	Weak
		WM	Weak to Moderate
		M	Moderate
		MS	Moderate to Strong
		S	Strong
		VS	Very Strong
		Va	Variable
		I	Increasing
		D	Decreasing
Rock Type - See Geology Codes:Lithology			
Wall_Strength	N/A	EL	Extremely Low
		VL	Very Low
		L	Low
		M	Medium

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		H	High
		VH	Very High
		EH	Extremely High
Reference_Line		BOC	Bottom of Core
		TOC	Top of Core

Roughness

Column Name	Group	Code	Description
Roughness	N/A	1	Stepped: Rough
		2	Stepped: Smooth
		3	Stepped: Slickensided
		4	Undulating: Rough
		5	Undulating: Smooth
		6	Undulating: Slickensided
		7	Planar: Rough
		8	Planar: Smooth
		9	Planar: Slickensided

Infill - See Geology Codes: Lithology, Mineralogy Codes: Mineral.

Surface Sampling

Surface Sampling DET's (One for Rock samples, one for soil samples)

FOR BOTH SAMPLE TYPES:

Grid_ID will usually be AMG84_51

Column Name	Code	Description
SampleType	Gossan	Rockchip sample of a Gossan
(In the manual form, this is stated in the Header info!)	LAG	LAG sample
	Rock	Rockchip Sample
	Soil	Soil Sample
	Stream	Stream Sediment sample
Sample_Category	2C	Two point composite soil sample
	3C	Three point composite soil sample
	SG	Single point Gossan chip sample
	SR	Single point rockchip sample
	SL	Single point LAG sample

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	ST	Single Point Stream Sediment sample
	DUP	Duplicate Sample
	STD	Standard inserted
Survey_Method	DGPS	Located using Differential GPS
(In the manual form, this is stated in the Header info!)	EST	Estimated Location
	GPS	Located using GPS
	NOM	Nominal point location
	SURV	Surveyed Location
	UNKN	Unknown Survey Method

SPECIFIC SOIL SAMPLING CODES

Weight is stated in GRAMS

Mesh Size will usually be -250um

Column Name	Code	Description
Origin (Lith_1 in database)	TA	Alluvial Soil
	TC	Colluvial Soil
	TE	Aeolian Soil
	R	Residual Soil
	TI	Indeterminant Soil
Mineralogy (Lith_2 in Database)	Cca	Calcareous
	Cfe	Ferruginous
	Ccz	Clay
	Cmn	Manganiferous
	Csi	Silica rich
	Cti	Indeterminant
Grainsize	L	Loam, (<250um)
	S	Sand, (250um to 2.00mm)
	G	Gravels, (>2.00mm)
Surface	C	Subcrop
	O	Outcrop
	S	Soil
	X	Indeterminant
Slope	F	Flat (0-5)
	G	Gentle (5-15)
	M	Moderate (15-25)
	S	Steep (>25)
Terrain	A	Agriculture
	I	Infrastructure
	M	Mining
	N	Natural

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Vegetation	Y	Yes, vegetation within 1-2m
	N	No, no vegetation within 1-2m

SPECIFIC ROCKCHIP SAMPLING CODES

The codes for the COLOUR, LITH, TEXT, MIN and ALT columns can be found in the previous tabs of this dictionary!

Colour, Lithology and Texture codes are found in "Geology Codes"

Mineralogy codes are found in the tab of the same name.

Alteration Codes as above.

Appendix 2

Soil Sample Locations & Assay Results

See pdf file on CD in Back Pocket of Report

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_pct	Ni_ppm	Pb_ppm
6944400	259750	M36/371	Mercury	4000029	1.3	0.0013	0.01	7900	3	20.6	0.19	1300	7.9	112.1	24.42	2.66	1000	246	0.00175	17.5	5.2
6944400	259800	M36/371	Mercury	4000030	1.1	0.0011	0.011	12000	3.8	29.8	0.27	700	13.2	112	31.33	3.94	800	601	0.00214	21.4	9.51
6944400	259850	M36/371	Mercury	4000031	1.5	0.0015	0.014	11200	3.4	50.5	0.24	2400	6.4	102.8	21.97	3.64	2800	267	0.00226	22.6	6.52
6944400	259900	M36/371	Mercury	4000032	0.7	0.0007	0.007	7500	3.2	12.4	0.2	400	5	106.6	14.79	3.07	300	140	0.0012	12	5.97
6944400	260100	M36/371	Mercury	4000037	0.6	0.0006	0.009	6500	2.8	28.3	0.22	1000	5.8	117.5	19.83	3.12	1400	205	0.00274	27.4	5.15
6944400	260150	M36/371	Mercury	4000038	0.7	0.0007	0.005	7000	3.2	10.5	0.21	700	7.9	141.5	19.74	3.27	800	182	0.00377	37.7	5.28
6944400	260200	M36/371	Mercury	4000039	1.1	0.0011	0.007	8900	3.5	15.1	0.21	500	7.6	103.7	26.7	3.75	500	206	0.00234	23.4	6.84
6944400	260250	M36/371	Mercury	4000040	1.3	0.0013	0.01	9900	4.3	19.4	0.23	400	7.7	97.7	24.05	3.51	400	397	0.00218	21.8	7.46
6944400	260300	M36/371	Mercury	4000041	1.3	0.0013	0.009	9000	4.3	22.2	0.25	300	6.2	95.3	21.45	3.42	300	345	0.00157	15.7	7.55
6944400	260350	M36/371	Mercury	4000042	0.7	0.0007	0.012	9800	4.1	6.6	0.25	300	3.2	96.7	22.9	3.47	300	138	0.00164	16.4	7.49
6944600	259750	M36/371	Mercury	4000043	0.9	0.0009	0.013	11300	3.7	61.5	0.2	4100	6.7	102.4	20.26	3.17	2600	242	0.00201	20.1	7.35
6944600	259800	M36/371	Mercury	4000044	0.3	0.0003	0.006	7700	3.5	48.3	0.23	500	7.6	102.3	18.82	3.18	500	331	0.00153	15.3	7.59
6944600	259850	M36/371	Mercury	4000045	0.4	0.0004	0.007	7300	3.7	16.6	0.21	300	7.3	106.6	16.81	3.04	400	301	0.00166	16.6	6.97
6944600	259900	M36/371	Mercury	4000046	1	0.001	0.011	8000	3	47.9	0.21	1400	5.7	103.8	16.82	3.07	1400	227	0.00173	17.3	7
6944600	259950	M36/371	Mercury	4000047	0.9	0.0009	0.012	9800	3.3	67.9	0.22	6800	4.9	104.1	19.54	3.19	3200	203	0.00177	17.7	6.33
6944600	260000	M36/371	Mercury	4000048	1	0.001	0.006	10700	3.8	32	0.25	500	7.5	95.1	20.38	3.52	500	247	0.00154	15.4	8.4
6944600	260050	M36/371	Mercury	4000049	1	0.001	0.01	10100	3.6	34.5	0.23	700	8.5	102.5	21.35	3.13	1100	512	0.00211	21.1	7.23
6944600	260050	M36/371	Mercury	4000050	1	0.001	0.01	10200	3.7	34.7	0.22	800	9.7	107.5	23.39	3.11	1100	533	0.00223	22.3	7.17
6944600	260100	M36/371	Mercury	4000051	1.5	0.0015	0.01	9300	3.7	54.6	0.22	800	9.6	100.2	21.36	3.2	1100	536	0.00224	22.4	8.03
6944600	260150	M36/371	Mercury	4000052	1.8	0.0018	0.018	11700	3.3	60.9	0.25	2000	8.1	109.3	21.96	3.24	4000	310	0.00372	37.2	8.58
6944600	260200	M36/371	Mercury	4000053	2.6	0.0026	0.015	12800	3.1	72.7	0.29	3300	10.8	126.3	24	3.14	6400	324	0.00622	62.2	8.05
6944600	260250	M36/371	Mercury	4000054	0.8	0.0008	0.012	7800	4.9	17.2	0.24	300	9.7	115.7	19.55	3.05	600	472	0.00247	24.7	8.04
6944600	260300	M36/371	Mercury	4000055	0.8	0.0008	0.011	8200	6.6	21.5	0.26	600	10.1	117.6	21.12	3.16	700	463	0.00386	38.6	8.36
6944800	259750	M36/371	Mercury	4000057	2.7	0.0027	0.011	13000	3.5	79.1	0.16	46700	8	88.4	28.98	2.96	15100	226	0.00257	25.7	5.75
6944800	259800	M36/371	Mercury	4000058	1	0.001	0.012	10000	3.1	34.1	0.22	4000	6.2	95	19.68	3.21	2100	235	0.00186	18.6	7.54
6944800	259850	M36/371	Mercury	4000059	0.3	0.0003	0.012	8800	3.6	26.4	0.2	1100	5.6	100.6	18.91	3.35	1600	209	0.00255	25.5	6.62
6944800	259900	M36/371	Mercury	4000061	6.2	0.0062	0.016	12300	4.1	96.8	0.27	10700	10.9	134	29.84	3.23	8500	203	0.00788	78.8	7.17
6944800	259950	M36/371	Mercury	4000062	1.9	0.0019	0.012	10900	4.3	439.9	0.26	1500	20	112.6	33.85	3.57	2000	647	0.01155	115.5	8
6944800	260000	M36/371	Mercury	4000063	1.6	0.0016	0.019	11800	3.6	68	0.26	1600	16.9	120.3	25.02	3.33	2500	582	0.00615	61.5	8.65
6944800	260050	M36/371	Mercury	4000064	3.8	0.0038	0.023	13300	3	123.6	0.21	53000	10.5	85.6	26.76	2.85	6200	339	0.00355	35.5	7.13
6944800	260100	M36/371	Mercury	4000065	2.4	0.0024	0.016	11100	2.8	50.6	0.27	4800	8.5	103	20.93	3.01	3100	309	0.00409	40.9	7.57
6944800	260150	M36/371	Mercury	4000066	0.9	0.0009	0.01	8400	3.5	37.9	0.25	500	9.1	110.4	19.81	3.04	1100	437	0.00352	35.2	7.3
6944800	260200	M36/371	Mercury	4000067	22.4	0.0224	0.019	10400	8	27.6	1.13	1100	13.1	207.2	19.98	3.24	2600	384	0.00847	84.7	6.82
6944800	260300	M36/371	Mercury	4000069	1.3	0.0013	0.01	8600	4.7	61.4	0.24	1200	9.1	107.4	20.94	3.23	800	401	0.00424	42.4	7.35
6944800	260350	M36/371	Mercury	4000070	1.2	0.0012	0.005	8300	3.8	32.7	0.23	1200	10.6	101.8	19.38	3.12	1300	413	0.00258	25.8	6.94
6945000	259750	M36/371	Mercury	4000071	0.6	0.0006	0.011	5000	4.1	19.7	0.17	1000	7.7	126.9	17.37	2.75	700	207	0.00248	24.8	9.48
6945000	259800	M36/371	Mercury	4000072	4.7	0.0047	0.013	6600	3.7	30.2	0.2	1100	5.7	105.5	20.2	3.2	700	222	0.00211	21.1	6.8
6945000	259850	M36/371	Mercury	4000073	1.9	0.0019	0.01	7300	4.3	40.6	0.25	600	7.7	98.6	21.67	3.38	600	275	0.00176	17.6	6.92
6945000	259900	M36/371	Mercury	4000074	4.9	0.0049	0.011	8700	3.7	54.3	0.21	1400	9.3	95.3	21.42	3.14	1100	304	0.00216	21.6	7.32
6945000	259900	M36/371	Mercury	4000075	2.2	0.0022	0.008	9200	3.7	55.8	0.22	1500	9	91.3	23.42	3.2	1300	317	0.00269	26.9	7.28
6945000	259950	M36/371	Mercury	4000076	1.8	0.0018	0.009	9100	3.6	32.4	0.22	1000	11.3	110.8	23.66	3.29	900	359	0.00221	22.1	7.17
6945000	260000	M36/371	Mercury	4000077	0.9	0.0009	0.01	9200	3.7	451.1	0.24	800	12.2	109.8	30	3.39	1300	596	0.00383	38.3	7.68
6945000	260050	M36/371	Mercury	4000078	0.7	0.0007	0.011	9600	2.9	55.1	0.2	1100	9.1	101.1	22.64	2.91	1900	369	0.00269	26.9	7.03
6945000	260100	M36/371	Mercury	4000079	0.4	0.0004	0.017	9500	3.2	43	0.23	1200	10.5	102	26.16	3.21	1300	483	0.00247	24.7	8.48
6945000	260150	M36/371	Mercury	4000080	0.3	0.0003	0.013	6800	2.7	28.9	0.22	500	10.6	108.5	18.91	2.97	800	518	0.00248	24.8	7.63
6945000	260200	M36/371	Mercury	4000081	0.9	0.0009	0.012	9800	5.1	34.6	0.28	700	13.9	106.9	27.48	3.78	1300	555	0.00526	52.6	8.66
6945000	260250	M36/371	Mercury	4000082	0.6	0.0006	0.011	8000	9.7	33.8	0.26	600	13.1	180.4	16.81	2.99	2100	266	0.00805	80.5	7.75
6945000	260300	M36/371	Mercury	4000083	1.1	0.0011	0.012	9200	4.9	19.3	0.27	400	13	145.8	21.42	3.43	800	443	0.00432	43.2	8.79
6945000	260350	M36/371	Mercury	4000084	0.5	0.0005	0.007	7600	4.6	42.6	0.52	800	32.5	361	23.55	3.91	1700	368	0.01863	186.3	11.26

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_pct	Ni_ppm	Pb_ppm
6945000	260400	M36/371	Mercury	4000086	1.3	0.0013	0.009	9600	6.3	26.3	0.33	100	56	260.3	18.74	3.88	200	868	0.00288	28.8	15.05
6945000	260450	M36/371	Mercury	4000087	7.7	0.0077	0.007	8500	4.3	150.6	0.36	4700	12.2	97.2	15.54	2.28	1400	1817	0.00652	65.2	8.34
6945200	259750	M36/371	Mercury	4000088	0.4	0.0004	0.014	17100	4.3	88	0.22	3300	20.3	131.9	33.36	3.55	8300	690	0.00533	53.3	10.32
6945200	259800	M36/371	Mercury	4000089	2	0.002	0.027	14800	3.3	64.5	0.21	2800	12.9	100.1	27.92	3.2	4400	561	0.0034	34	9.18
6945200	259850	M36/371	Mercury	4000090	1.3	0.0013	0.016	12000	3.3	64.6	0.23	6900	12.1	116.1	26.9	3.01	2600	455	0.00341	34.1	8.11
6945200	259900	M36/371	Mercury	4000091	1	0.001	0.019	12000	3	61.3	0.24	3800	10.1	110.8	25.13	3.21	2200	441	0.00301	30.1	8.61
6945200	259950	M36/371	Mercury	4000092	0.3	0.0003	0.012	10000	2.6	39.3	0.21	3700	7	107.8	16.88	2.78	2600	243	0.00222	22.2	6.85
6945200	260000	M36/371	Mercury	4000093	0.6	0.0006	0.014	14900	3	82.7	0.24	9400	11.7	123.5	25.3	3.2	5100	306	0.00352	35.2	8.05
6945200	260050	M36/371	Mercury	4000094	0.9	0.0009	0.014	14200	2.7	135.5	0.3	24500	10.9	118.3	34.12	2.95	9600	228	0.00394	39.4	6.37
6945200	260100	M36/371	Mercury	4000095	0.4	0.0004	0.014	14200	2.8	86.7	0.3	2200	10.3	124.7	24.16	3.55	4000	455	0.00363	36.3	7.06
6945200	260150	M36/371	Mercury	4000096	0.6	0.0006	0.011	17700	3.2	82.4	0.31	3100	11.5	150.4	29.5	3.64	6000	395	0.00508	50.8	7.81
6945200	260200	M36/371	Mercury	4000097	0.7	0.0007	0.017	11300	2.9	46.3	0.25	800	11.7	120.7	32.72	3.48	2500	483	0.00369	36.9	6.81
6945200	260250	M36/371	Mercury	4000098	0.5	0.0005	0.016	14000	3	50.2	0.52	2000	16.4	340.4	27.08	3.44	9800	341	0.02432	243.2	6.93
6945200	260300	M36/371	Mercury	4000099	1.7	0.0017	0.028	15500	3.4	51.2	0.42	3500	11.8	209.5	26.91	3.61	5900	358	0.01293	129.3	8.88
6945200	260350	M36/371	Mercury	4000100	1.7	0.0017	0.018	14700	3	84.5	0.61	1900	37.3	709.8	23.94	4.16	11500	273	0.07895	789.5	6.89
6945200	260350	M36/371	Mercury	4000101	1.3	0.0013	0.016	13300	2.8	67.5	0.63	1800	39.8	684.3	22.21	4.21	11200	291	0.09232	923.2	6.48
6945200	260400	M36/371	Mercury	4000102	0.4	0.0004	0.007	8100	3.3	39.1	0.36	700	11	321.9	18.3	3.3	1400	330	0.00785	78.5	5.73
6945200	260450	M36/371	Mercury	4000103	0.5	0.0005	0.008	6900	3.5	24.9	0.35	400	20.8	337.1	20.15	3.68	900	197	0.00937	93.7	6.27
6945200	260500	M36/371	Mercury	4000104	1.5	0.0015	0.009	5300	3.2	22.9	0.31	400	9.6	203.3	17.37	3.15	400	138	0.00386	38.6	6.04
6945200	260550	M36/371	Mercury	4000105																	
6945400	259750	M36/371	Mercury	4000106	0.9	0.0009	0.009	6200	3.4	197.1	0.22	700	7.6	103	19.18	2.84	1100	249	0.00232	23.2	6.26
6945400	259800	M36/371	Mercury	4000107	1.8	0.0018	0.013	9900	3.2	81.8	0.17	33100	8.4	86.9	26.85	2.51	5200	196	0.00348	34.8	8.86
6945400	259850	M36/371	Mercury	4000108	0.7	0.0007	0.016	10900	3.2	79.9	0.2	4100	14.2	112.7	26.67	2.92	4600	317	0.00533	53.3	8.33
6945400	259900	M36/371	Mercury	4000109	0.6	0.0006	0.011	6400	2.4	37.1	0.2	900	6.9	111	15.99	2.66	1500	229	0.00216	21.6	6.44
6945400	259950	M36/371	Mercury	4000111	2.3	0.0023	0.015	9100	3.3	85.7	0.19	43000	5.5	85.4	25.15	2.64	5700	150	0.00198	19.8	6.21
6945400	260000	M36/371	Mercury	4000112	2.3	0.0023	0.019	10400	3.6	52.1	0.23	9000	5.5	92.2	30.2	2.9	6300	206	0.00242	24.2	9.69
6945400	260050	M36/371	Mercury	4000113	1.1	0.0011	0.01	5900	3.4	52.9	0.22	2200	5.7	103.7	19.3	2.75	900	195	0.00203	20.3	6.23
6945400	260100	M36/371	Mercury	4000114	0.6	0.0006	0.011	9700	2.9	35.3	0.2	7900	14.1	111.1	20.61	2.66	6700	163	0.00443	44.3	4.84
6945400	260150	M36/371	Mercury	4000115	1.3	0.0013	0.012	7700	3.2	39.4	0.19	2000	10.5	131	23.51	3.01	2000	254	0.00275	27.5	5.74
6945400	260200	M36/371	Mercury	4000116	1	0.001	0.009	5100	3.3	21.5	0.19	700	7.2	117.6	19.8	2.67	900	199	0.00181	18.1	4.66
6945400	260250	M36/371	Mercury	4000117	1.4	0.0014	0.01	4800	3.6	16	0.33	600	9.2	154	16.51	2.59	1000	186	0.00728	72.8	4.96
6945400	260300	M36/371	Mercury	4000118	1.1	0.0011	0.011	6300	3.8	19.7	0.32	800	7.5	137.4	20.44	3.03	900	226	0.00483	48.3	6.21
6945400	260350	M36/371	Mercury	4000119	1.5	0.0015	0.016	11700	3.6	47.7	0.33	7600	9.9	100.1	26.95	3.48	5900	418	0.00321	32.1	9.47
6945400	260400	M36/371	Mercury	4000120	1.1	0.0011	0.014	5800	3.3	35	0.24	1100	7.2	103.3	21.12	3.21	600	392	0.00247	24.7	6.14
6945400	260450	M36/371	Mercury	4000121	0.7	0.0007	0.016	6100	3.1	37.2	0.23	600	11.5	123.1	25.57	3.28	600	508	0.0039	39	5.54
6945400	260500	M36/371	Mercury	4000122	1.4	0.0014	0.013	6200	2.9	24.2	0.18	2300	8.4	96.1	28.82	2.78	900	275	0.00157	15.7	4.22
6945400	260550	M36/371	Mercury	4000123	0.6	0.0006	0.012	5800	2.7	22.2	0.16	1100	8.6	105.3	27.9	2.7	700	262	0.00423	42.3	3.96
6945400	260600	M36/371	Mercury	4000124	1	0.001	0.018	6600	2.5	26.9	0.18	1200	10	93.9	33.93	3.05	900	310	0.00243	24.3	4.65
6945400	260600	M36/371	Mercury	4000125	0.7	0.0007	0.017	6400	2.7	23.6	0.18	1100	9.4	96.3	32.83	3.05	900	287	0.00166	16.6	4.54
6945400	260650	M36/371	Mercury	4000126	0.7	0.0007	0.012	5400	2.6	18.4	0.17	800	7	108	25.48	2.8	600	231	0.00246	24.6	4.08
6945400	260700	M36/371	Mercury	4000127	0.6	0.0006	0.014	6400	2.9	29.2	0.18	1000	10.3	108	30.89	3.12	800	332	0.00488	48.8	4.63
6945400	260750	M36/371	Mercury	4000128	1.4	0.0014	0.014	7700	3	34.2	0.2	1400	11.1	100.1	35.49	3.35	1000	384	0.00208	20.8	5.74
6945400	260800	M36/371	Mercury	4000129	1.3	0.0013	0.013	6800	3.8	49	0.25	1000	10.4	123.5	29.98	3.73	700	466	0.00202	20.2	6.87
6945600	259750	M36/371	Mercury	4000130	2	0.002	0.009	9900	3.3	69.8	0.25	2700	9.5	126.2	26.23	3.6	4200	277	0.003	30	7.8
6945600	259800	M36/371	Mercury	4000131	2.5	0.0025	0.014	8200	2.9	64.3	0.19	18500	6.1	106.4	22.18	2.73	4800	155	0.0019	19	5.57
6945600	259850	M36/371	Mercury	4000132	1.3	0.0013	0.012	10500	2.8	86.5	0.23	6400	10.5	121.6	27.21	3.32	5400	215	0.00362	36.2	6.73
6945600	259850	M36/371	Mercury	4000133	1.4	0.0014	0.01	9800	2.9	73.2	0.23	2600	10.9	121.8	27.04	3.28	4000	201	0.00365	36.5	6.75
6945600	259900	M36/371	Mercury	4000134	1.2	0.0012	0.012	6800	3.1	18.3	0.2	600	11.3	108.8	25.32	3.23	800	405	0.0019	19	6.07
6945600	259950	M36/371	Mercury	4000136	0.7	0.0007	0.007	8000	2.5	81.5	0.19	8100	7.6	121.4	21.41	2.65	4900	134	0.00303	30.3	5.24

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_pct	Ni_ppm	Pb_ppm
6945600	260000	M36/371	Mercury	4000137	0.7	0.0007	0.008	7400	2.7	101	0.23	1600	8.9	109	19.92	3.06	2000	335	0.00249	24.9	6.2
6945600	260050	M36/371	Mercury	4000138	1.1	0.0011	0.004	4500	2.8	36.3	0.19	500	4.1	84.8	13.01	2.61	500	141	0.00136	13.6	5.71
6945600	260100	M36/371	Mercury	4000139	1.1	0.0011	0.005	4600	2.5	11.9	0.25	300	4.7	82.9	17.85	3.06	400	131	9.40E-04	9.4	5.77
6945600	260150	M36/371	Mercury	4000140	1	0.001	0.007	4400	2.7	19.9	0.34	500	3.7	85.9	16.99	2.97	500	172	0.00156	15.6	5.29
6945600	260200	M36/371	Mercury	4000141	0.4	0.0004	0.007	4500	3.2	21.9	0.34	600	4.4	91.7	15.29	2.96	600	214	0.00132	13.2	5.69
6945600	260250	M36/371	Mercury	4000142	1.1	0.0011	0.013	8000	3.3	31.9	0.33	1100	11.7	91.2	34	3.76	1200	411	0.00221	22.1	6.53
6945600	260300	M36/371	Mercury	4000143	0.8	0.0008	0.011	5300	5.8	27.9	0.27	600	9.1	107.4	19.22	2.89	500	367	0.00209	20.9	4.94
6945600	260350	M36/371	Mercury	4000144	3.2	0.0032	0.016	7300	2.8	25	0.18	1100	11.1	89	31.91	3.38	800	433	0.00187	18.7	4.87
6945600	260400	M36/371	Mercury	4000145	1.1	0.0011	0.012	7100	2.8	23.3	0.17	1400	9.2	87.3	32.47	3.37	800	343	0.00206	20.6	4.72
6945600	260450	M36/371	Mercury	4000146	0.6	0.0006	0.011	5400	2.6	19.2	0.15	1300	6.5	87.8	23.39	2.58	700	225	0.00122	12.2	3.53
6945600	260500	M36/371	Mercury	4000147	1.3	0.0013	0.013	6900	3.2	22.8	0.2	1200	8.2	108.9	25.98	3.13	700	340	0.00153	15.3	5.13
6945600	260550	M36/371	Mercury	4000148	1.4	0.0014	0.014	8500	3.9	24.1	0.28	700	10.8	121.8	31.2	4.03	600	541	0.00162	16.2	8.75
6945600	260600	M36/371	Mercury	4000149	1.5	0.0015	0.011	7800	3.4	14.1	0.34	400	4.8	121.9	22.41	3.81	300	219	0.00089	8.9	10.17
6945600	260600	M36/371	Mercury	4000150	1.9	0.0019	0.011	8800	3.9	13.2	0.35	500	6.9	130	25.49	3.97	400	316	0.00169	16.9	10.68
6945600	260650	M36/371	Mercury	4000151	2.6	0.0026	0.011	7800	3	3.8	0.26	100	2.1	110.8	18.5	3.5	100	113	0.00169	16.9	8.01
6945600	260700	M36/371	Mercury	4000152	2.4	0.0024	0.008	7700	3.3	4.8	0.27	200	2.1	111.9	20.73	3.67	200	135	0.00106	10.6	9.24
6945600	260750	M36/371	Mercury	4000153	1.6	0.0016	0.009	6900	3.1	5.7	0.23	100	2.6	109.8	19.67	3.39	100	122	0.00293	29.3	6.92
6945600	260800	M36/371	Mercury	4000154	1.8	0.0018	0.008	6200	3	5.3	0.22	100	3.6	101.2	17.79	3.03	200	138	0.00348	34.8	5.94
6945600	260850	M36/371	Mercury	4000155	1.2	0.0012	0.009	6300	3.8	25.2	0.22	300	6.1	99.8	19.9	3.15	400	211	0.00796	79.6	6.01
6945600	260900	M36/371	Mercury	4000156	0.5	0.0005	0.009	5300	3.4	24.7	0.25	600	6.5	121	20.87	3.04	500	209	0.00719	71.9	5.29
6945600	260950	M36/371	Mercury	4000157	3.8	0.0038	0.015	8000	5.8	14.2	0.27	200	3.1	127.1	25.67	4.71	200	147	0.00616	61.6	8.47
6945810	259750	M36/371	Mercury	4000158	1.3	0.0013	0.017	10200	3.8	34.7	0.19	1800	13.4	104.3	35.92	3.64	1600	427	0.00213	21.3	5.93
6945800	259813	M36/371	Mercury	4000159	0.7	0.0007	0.009	7200	3	26.8	0.2	1100	9	100.6	24.84	3.25	1000	368	0.00153	15.3	6.05
6945801	259854	M36/371	Mercury	4000161	1.2	0.0012	0.009	7200	2.8	22	0.2	700	8.7	132.8	20.11	3.39	1300	337	0.00243	24.3	5.86
6945800	259900	M36/371	Mercury	4000162	1.3	0.0013	0.007	8100	3.4	18	0.23	400	9.8	118.7	20.97	3.7	700	423	0.00155	15.5	7.17
6945801	259953	M36/371	Mercury	4000163	0.7	0.0007	0.009	7300	3.4	23.9	0.23	1000	8.5	108.1	20.2	3.6	700	520	0.00157	15.7	6.68
6945800	260000	M36/371	Mercury	4000164	1.2	0.0012	0.008	8000	3.3	20.9	0.24	1300	5.9	100.8	21.79	3.6	800	304	0.00171	17.1	6.45
6945799	260050	M36/371	Mercury	4000165	0.8	0.0008	0.005	8400	3.1	23.2	0.25	400	9.8	90	18.22	3.68	300	427	0.00115	11.5	7.11
6945795	260102	M36/371	Mercury	4000166	1.9	0.0019	0.006	8200	3.1	87.5	0.26	800	7.9	79.2	18.24	4.24	500	324	0.00124	12.4	5.98
6945800	260150	M36/371	Mercury	4000167	1	0.001	0.01	8200	2.8	21.6	0.25	1100	6.7	86.8	18.66	3.49	400	372	0.00127	12.7	6.69
6945804	260201	M36/371	Mercury	4000168	0.8	0.0008	0.014	8300	2.3	22.5	0.18	1300	10.2	88.8	28.65	3.59	700	420	0.00147	14.7	4.9
6945803	260247	M36/371	Mercury	4000169	1.2	0.0012	0.014	7500	2.2	20	0.16	1500	9	90.7	30.08	3.14	700	286	0.00138	13.8	4.16
6945808	260300	M36/371	Mercury	4000170	1.7	0.0017	0.011	7300	2.4	23.6	0.17	1500	9	91.5	28.53	3.05	800	304	0.00146	14.6	4.14
6945822	260347	M36/371	Mercury	4000171	1.8	0.0018	0.015	10100	3.4	37.6	0.26	1000	16.6	101.2	40.38	4.13	1000	765	0.00244	24.4	7.4
6945816	260400	M36/371	Mercury	4000172	1.9	0.0019	0.007	9100	5.5	10.5	0.47	300	13.6	188.6	17.78	3.39	200	342	0.00236	23.6	9.43
6945804	260448	M36/371	Mercury	4000173	4.6	0.0046	0.009	11200	4.3	27.4	0.52	800	13.3	211.9	21.62	4.2	400	597	0.00181	18.1	11.94
6945803	260507	M36/371	Mercury	4000174	6.6	0.0066	0.01	12000	2.7	22.9	0.34	700	7.8	126.6	21.84	4	400	335	0.00127	12.7	13.01
6945803	260507	M36/371	Mercury	4000175	5.3	0.0053	0.008	12200	2.7	28.2	0.34	500	8.7	124.9	21.73	3.97	300	315	0.00112	11.2	14.07
6945835	260553	M36/371	Mercury	4000176	4	0.004	0.012	10700	3.9	9.6	0.29	800	4.5	122.4	24.25	3.82	300	197	0.0014	14	12.05
6945818	260599	M36/371	Mercury	4000177	2.5	0.0025	0.014	11700	3.4	20.6	0.31	400	6.1	119.4	29.11	4.03	300	209	0.00256	25.6	13.28
6945804	260651	M36/371	Mercury	4000178	1.6	0.0016	0.01	9500	2.8	7.1	0.25	100	6.7	108.8	20.99	3.52	200	228	0.00128	12.8	9.69
6945801	260702	M36/371	Mercury	4000179	1.6	0.0016	0.008	9000	2.9	28.5	0.26	200	13.7	98.6	22.14	3.59	200	510	0.00133	13.3	9.85
6945800	260751	M36/371	Mercury	4000180	1.7	0.0017	0.01	11400	3.2	9.8	0.28	200	3.4	109.8	29.46	3.92	300	146	0.00156	15.6	9.39
6945799	260799	M36/371	Mercury	4000181	1.4	0.0014	0.01	10500	3.9	24.2	0.3	300	5.1	106.6	26.98	3.97	300	266	0.00293	29.3	8.36
6945800	260847	M36/371	Mercury	4000182	1.6	0.0016	0.009	10900	3.3	23.4	0.28	500	14.1	101.9	24.52	3.92	500	688	0.00203	20.3	8.23
6945799	260903	M36/371	Mercury	4000183	1.7	0.0017	0.014	13800	3.9	17.7	0.36	700	13.8	107.5	33.86	4.33	800	531	0.00279	27.9	9
6945799	260952	M36/371	Mercury	4000184	1.9	0.0019	0.009	10500	3.3	6	0.27	300	2.9	116.6	27.06	3.91	300	93	0.00117	11.7	7.21
6946001	259751	M36/371	Mercury	4000186	1	0.001	0.016	14000	4.4	39.4	0.22	2500	16	114.8	45.75	3.89	2700	406	0.00282	28.2	6.2
6945996	259801	M36/371	Mercury	4000187	1.1	0.0011	0.01	9400	3.3	19.6	0.27	1500	18.7	108.1	32.77	3.17	1400	336	0.00246	24.6	5.71

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_pct	Ni_ppm	Pb_ppm
6945999	259850	M36/371	Mercury	4000188	0.8	0.0008	0.011	8600	5.7	28.5	0.26	2000	6.8	115.2	39.27	4.09	1500	287	0.00189	18.9	6.12
6946000	259903	M36/371	Mercury	4000189	0.6	0.0006	0.008	9700	4.3	40.7	0.26	1600	7	107.6	33.45	4.13	3100	361	0.00177	17.7	5.42
6946001	259950	M36/371	Mercury	4000190	0.3	0.0003	0.009	9100	7.4	25.5	0.27	1300	4.5	123.2	21.06	3.77	1600	185	0.00142	14.2	4.99
6946000	260003	M36/371	Mercury	4000191	0.9	0.0009	0.01	7100	3	22.4	0.26	900	5.8	142.4	21.29	3.68	900	236	0.00137	13.7	5.2
6945995	260049	M36/371	Mercury	4000192	0.8	0.0008	0.01	9200	2.8	27.1	0.24	1100	10.2	111	27.06	3.68	1000	443	0.00144	14.4	5.92
6945979	260074	M36/371	Mercury	4000193	1.3	0.0013	0.016	11100	2.9	27.9	0.22	1500	10.2	103	31.22	3.67	1200	371	0.0018	18	5.7
6945999	260149	M36/371	Mercury	4000194	19.6	0.0196	0.017	9500	2.8	26.9	0.18	1500	10.7	98	34.93	3.12	1100	345	0.00209	20.9	4.63
6946002	260200	M36/371	Mercury	4000195	2.6	0.0026	0.02	10600	2.6	52.4	0.22	2300	12.6	102.1	29.64	3.84	1300	551	0.00225	22.5	6.4
6946003	260251	M36/371	Mercury	4000196	1.6	0.0016	0.01	12000	3.5	31.5	0.28	500	16.4	98.1	25.58	4.13	500	774	0.00164	16.4	8.35
6946058	260323	M36/371	Mercury	4000197	1.2	0.0012	0.009	12800	2.3	10.4	0.26	700	3.9	103.4	23.82	4.23	600	127	0.00122	12.2	6.04
6946073	260355	M36/371	Mercury	4000198	0.9	0.0009	0.007	10600	3	33.2	0.27	400	13.8	103.3	21.99	4.15	400	636	0.00158	15.8	7.97
6946080	260405	M36/371	Mercury	4000199	0.6	0.0006	0.01	10800	4.1	228.6	0.29	400	21.3	102.5	25.72	4.28	400	1899	0.00172	17.2	11.03
6946080	260405	M36/371	Mercury	4000200	1.1	0.0011	0.01	11400	3.9	88.5	0.27	400	16.2	98.8	23.52	4.26	400	912	0.00158	15.8	9.83
6946012	260451	M36/371	Mercury	4000201	0.8	0.0008	0.008	11800	4	87.8	0.28	300	22.1	98.4	23.58	4.21	400	1081	0.00163	16.3	11.31
6946000	260500	M36/371	Mercury	4000202	0.9	0.0009	0.008	11200	3.5	23	0.28	300	15.9	96.3	22.11	3.86	300	595	0.00156	15.6	9.53
6946000	260551	M36/371	Mercury	4000203	0.6	0.0006	0.01	10500	2.8	5	0.25	100	3.8	104.2	20.32	3.47	200	136	0.00111	11.1	7.29
6945999	260602	M36/371	Mercury	4000204	2.2	0.0022	0.012	10400	2.7	28.2	0.27	500	6	95.9	23.05	3.96	300	231	0.00242	24.2	6.58
6945998	260653	M36/371	Mercury	4000205	1.2	0.0012	0.01	9200	3.4	12	0.29	400	9.3	110.2	19.8	4.44	400	277	0.00118	11.8	7.94
6945995	260695	M36/371	Mercury	4000206	1.8	0.0018	0.01	8500	3.6	10.4	0.3	400	9.5	115.4	22.98	4.17	300	344	0.00158	15.8	7.99
6945996	260749	M36/371	Mercury	4000207	1.1	0.0011	0.014	6900	3.2	23.8	0.26	1500	7.8	116.5	22.7	2.79	1000	254	0.0018	18	5.61
6946003	260800	M36/371	Mercury	4000208	0.7	0.0007	0.012	7700	3.4	22.6	0.31	800	9	139.1	24.83	3.49	600	340	0.00215	21.5	6.98
6946000	260853	M36/371	Mercury	4000209	1.5	0.0015	0.01	7800	4.3	15.1	0.33	300	6.8	113.7	22.07	3.92	300	320	0.00106	10.6	7.84
6945999	260902	M36/371	Mercury	4000211	1.4	0.0014	0.012	9100	3.7	6.7	0.31	300	2.7	117.6	23.27	3.86	300	118	0.00115	11.5	7.21
6946000	260950	M36/371	Mercury	4000212	1.2	0.0012	0.017	8100	3.7	4.7	0.28	200	2.5	106.4	20.9	3.54	200	106	0.00109	10.9	6.42
6946001	261002	M36/371	Mercury	4000213	1.7	0.0017	0.012	7500	3.8	6.8	0.27	200	3	114.1	23.77	3.57	200	126	0.0011	11	6.64
6945996	261037	M36/371	Mercury	4000214	1.8	0.0018	0.012	9900	4.6	132.3	0.31	500	23.2	96.7	30.9	4.28	500	1041	0.0015	15	10.51
6946198	259750	M36/371	Mercury	4000226	1.6	0.0016	0.021	11600	3.8	37	0.22	2600	15.8	108	41.99	3.67	1700	432	0.00247	24.7	6.57
6946197	259801	M36/371	Mercury	4000227	1.7	0.0017	0.033	11700	3.1	31.7	0.2	2500	14.7	99	49.01	4.3	1600	467	0.00201	20.1	5.83
6946206	259859	M36/371	Mercury	4000228	0.8	0.0008	0.023	10600	2.3	43.3	0.16	20000	13.7	94.6	30.49	2.9	3200	314	0.00188	18.8	4.86
6946207	260190	M36/371	Mercury	4000236	1.8	0.0018	0.014	14100	2.3	103.2	0.14	25900	8.2	131.2	20.82	3.33	6200	172	0.00382	38.2	5.07
6946201	260253	M36/371	Mercury	4000237	1	0.001	0.01	8800	3.5	36.3	0.21	1000	11	134.4	20.02	4.05	600	220	0.00248	24.8	5.74
6946201	260290	M36/371	Mercury	4000238	2.2	0.0022	0.009	12300	2.7	1592.4	0.21	1800	29.9	78.1	24.35	4.59	1400	1751	0.00293	29.3	6.88
6946201	260353	M36/371	Mercury	4000239	2.2	0.0022	0.008	9100	3.1	65.1	0.24	700	15.8	105.1	20.8	4.17	400	620	0.00148	14.8	7.31
6946200	260402	M36/371	Mercury	4000240	0.6	0.0006	0.01	10600	1.2	128.9	0.19	800	18.6	75.1	13.66	3.91	600	1085	0.00112	11.2	5.8
6946199	260453	M36/371	Mercury	4000241	0.4	0.0004	0.007	11400	0.9	18.5	0.2	700	3.3	85.3	14.48	3.54	300	101	0.0009	9	4.96
6946202	260498	M36/371	Mercury	4000242	0.2	0.0002	0.007	6600	1.8	11.7	0.23	300	5.9	122.3	14.65	3.62	700	272	0.00105	10.5	5.89
6946203	260551	M36/371	Mercury	4000243	1.3	0.0013	0.013	15300	2.6	61.8	0.26	2200	10.7	170.6	22.81	4.82	2700	343	0.00242	24.2	8.18
6946202	260605	M36/371	Mercury	4000244	0.5	0.0005	0.01	9000	2.4	19.2	0.25	400	5.9	158.1	18.47	4.53	1700	196	0.00172	17.2	6.87
6946199	260648	M36/371	Mercury	4000245	0.6	0.0006	0.009	6500	2.1	19.9	0.28	500	8.5	131.4	20.26	4.06	600	307	0.00159	15.9	7.98
6946204	260700	M36/371	Mercury	4000246	0.6	0.0006	0.01	8800	3	21.3	0.27	1100	9.2	128.5	29.11	3.45	900	309	0.00171	17.1	6.55
6946203	260756	M36/371	Mercury	4000247	0.9	0.0009	0.01	8900	3.3	19.2	0.32	700	9.5	120.6	26.22	3.73	600	431	0.00158	15.8	7.7
6946210	260804	M36/371	Mercury	4000248	2.9	0.0029	0.01	9900	4.2	5.2	0.44	100	2.2	135.8	22.63	3.88	200	73	0.00093	9.3	7.26
6946207	260857	M36/371	Mercury	4000249	1.3	0.0013	0.009	8500	4.7	4.3	0.46	100	2.2	158	17.78	3.71	100	58	0.00078	7.8	5.35
6946207	260857	M36/371	Mercury	4000250	1.3	0.0013	0.008	8600	4.5	3.4	0.46	100	2.1	151.9	17.01	3.6	100	54	0.00075	7.5	5.23
6946202	260908	M36/371	Mercury	4000251	1.9	0.0019	0.011	9100	6.1	4.3	0.74	100	2.3	233.9	19.82	3.99	100	64	8.40E-04	8.4	6.4
6946203	260952	M36/371	Mercury	4000252	3.2	0.0032	0.009	8500	4.2	41.4	0.34	300	4.5	147.7	25.07	3.87	200	329	0.00151	15.1	7.79
6946202	260995	M36/371	Mercury	4000253	1.3	0.0013	0.009	9100	3.6	44.7	0.27	200	20.9	109.4	22.11	3.84	200	715	0.00123	12.3	9.46
6946200	261046	M36/371	Mercury	4000254	2.2	0.0022	0.008	6800	3.4	7.6	0.25	100	5.1	110.7	21.7	3.49	200	148	0.00103	10.3	6.1
6946398	259751	M36/371	Mercury	4000266	2.1	0.0021	0.026	9100	3.4	28.4	0.21	1500	13.5	113.1	39.36	4.01	1000	436	0.00207	20.7	6.27

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_pct	Ni_ppm	Pb_ppm
6946399	259801	M36/371	Mercury	4000267	1.5	0.0015	0.015	9400	3.8	24.9	0.25	900	12.1	114	28.87	3.97	800	561	0.00202	20.2	7.49
6946400	259847	M36/371	Mercury	4000268	0.9	0.0009	0.012	9100	3.5	15.3	0.24	700	11.2	103.5	26.25	3.82	600	467	0.00151	15.1	7.75
6946403	259900	M36/371	Mercury	4000269	1.3	0.0013	0.007	7600	3.5	24.4	0.23	600	9.5	101.3	23.6	3.7	500	478	0.00145	14.5	7.21
6946398	259949	M36/371	Mercury	4000270	0.3	0.0003	0.008	6500	2.9	12.1	0.22	500	6	104.4	18.15	3.43	300	257	0.00116	11.6	6.66
6946399	260002	M36/371	Mercury	4000271	0.7	0.0007	0.009	7000	3.2	11.8	0.2	600	5.6	115.4	18.19	3.62	300	191	0.00126	12.6	5.67
6946396	260038	M36/371	Mercury	4000272	1.2	0.0012	0.009	6500	2.7	20.9	0.21	700	6.1	129.2	18.12	3.93	400	247	0.00136	13.6	5.36
6946399	260102	M36/371	Mercury	4000273	1.6	0.0016	0.013	9300	2.6	45.6	0.22	11400	4.8	114	20.76	3.35	2100	159	0.00156	15.6	5.1
6946400	260150	M36/371	Mercury	4000274	5.5	0.0055	0.008	6000	3.4	23.6	0.22	900	5.4	116.2	18.46	3.64	700	278	0.00111	11.1	5.46
6946400	260150	M36/371	Mercury	4000275	1.3	0.0013	0.007	5600	3	19.9	0.24	800	5.7	118.9	18.37	3.63	600	299	0.00116	11.6	5.58
6946399	260193	M36/371	Mercury	4000276	3.4	0.0034	0.021	8100	3	69	0.19	5100	5.9	98.7	21.34	3.22	2400	288	0.00209	20.9	5.91
6946402	260240	M36/371	Mercury	4000277	1.1	0.0011	0.007	6600	2.5	17.9	0.2	200	3.1	100.6	14.27	3.22	200	60	0.0008	8	5.7
6946397	260292	M36/371	Mercury	4000278	0.7	0.0007	0.008	5500	2.6	14.1	0.2	500	2.9	101.6	15.24	3.16	400	84	0.00168	16.8	4.39
6946402	260352	M36/371	Mercury	4000279	-0.2	-0.0002	0.007	5000	2.7	6.5	0.19	400	2.9	103.8	13.47	2.79	400	57	8.40E-04	8.4	5.1
6946398	260399	M36/371	Mercury	4000280	4	0.004	0.006	5700	4.1	24.9	0.2	500	6.4	107.4	14.39	3.06	400	292	0.00104	10.4	5.68
6946402	260440	M36/371	Mercury	4000281	0.8	0.0008	0.005	6100	4	6.5	0.22	500	3.1	170	13.7	3.46	400	51	0.00126	12.6	4.18
6946400	260504	M36/371	Mercury	4000282	0.4	0.0004	0.007	8500	3.9	9.7	0.3	500	5.6	180.7	17.13	4.06	400	123	0.00135	13.5	6.37
6946393	260552	M36/371	Mercury	4000283	0.5	0.0005	0.009	5800	2.6	34	0.28	600	10.7	140	16.4	3.23	1000	378	0.0023	23	6.98
6946396	260599	M36/371	Mercury	4000284	1	0.001	0.009	7200	3.1	40.5	0.31	1100	12.2	138.6	25.12	4.3	1000	411	0.00214	21.4	7.7
6946395	260650	M36/371	Mercury	4000286	0.8	0.0008	0.012	6700	3	22.2	0.21	1400	7.4	107.8	23.59	2.87	900	242	0.00163	16.3	5.08
6946396	260700	M36/371	Mercury	4000287	0.3	0.0003	0.011	5400	2.8	14	0.29	500	8.8	112.8	24.11	3.48	500	353	0.00144	14.4	6.77
6946401	260748	M36/371	Mercury	4000288	1.1	0.0011	0.008	4800	3.4	67.5	0.18	900	4.2	87.3	14.65	3.5	800	271	0.00135	13.5	4.98
6946402	260800	M36/371	Mercury	4000289	3.8	0.0038	0.008	6800	4.1	53.9	0.26	800	6.7	82.2	17.9	3.28	1300	583	0.00161	16.1	8.69
6946405	260850	M36/371	Mercury	4000290	3.3	0.0033	0.009	5800	3.9	49.9	0.25	1000	5.5	91.5	15.36	3.21	1000	521	0.00138	13.8	5.38
6946406	260901	M36/371	Mercury	4000291	2.7	0.0027	0.009	7000	4.2	8.6	0.29	800	4.4	96.6	26.4	4.09	400	76	0.00116	11.6	5.61
6946399	260947	M36/371	Mercury	4000292	2.5	0.0025	0.007	8000	4.5	14.9	0.36	300	3.9	117.5	30.6	5.03	300	67	0.00115	11.5	4.56
6946400	260999	M36/371	Mercury	4000293	2.2	0.0022	0.008	6600	17.4	5.4	0.56	100	2.6	147.7	20.48	3.78	100	68	0.00108	10.8	5.95
6946395	261047	M36/371	Mercury	4000294	1.5	0.0015	0.008	6900	9	4	0.45	-100	1.9	132.4	17.78	3.56	100	70	9.10E-04	9.1	5.97
6946401	261353	M36/371	Mercury	4000301	1.4	0.0014	0.011	8400	4.8	25.6	0.5	1100	14.5	134.7	33.63	3.68	900	450	0.00257	25.7	8.19
6946399	261401	M36/371	Mercury	4000302	2.2	0.0022	0.011	8400	4.9	21.6	0.45	800	8.9	145.6	30.08	3.87	700	357	0.00206	20.6	7.58
6946400	261451	M36/371	Mercury	4000303	1.5	0.0015	0.011	8400	4.7	253.8	0.46	800	9	136	25.54	3.72	600	378	0.00176	17.6	7.68
6946399	261500	M36/371	Mercury	4000304	1.3	0.0013	0.011	8600	4.6	22.8	0.42	800	12.6	123.2	26.64	3.58	800	431	0.00188	18.8	7.51
6946402	261553	M36/371	Mercury	4000305	2.9	0.0029	0.013	12200	5	18.5	0.44	500	13.3	117.8	27.2	3.84	600	594	0.00165	16.5	8.42
6946601	259747	M36/371	Mercury	4000306	1.2	0.0012	0.02	11300	3.5	43.7	0.22	5200	11.5	104.4	33.29	3.24	2000	415	0.00209	20.9	6.76
6946600	259800	M36/371	Mercury	4000307	0.8	0.0008	0.018	11500	2.7	43.8	0.18	28600	9.4	93.1	26.05	2.62	4200	292	0.00206	20.6	5.61
6946597	259850	M36/371	Mercury	4000308	0.7	0.0007	0.014	9900	3.6	29.2	0.25	1300	10.6	107.7	23.58	3.57	1000	446	0.00203	20.3	7.69
6946597	259897	M36/371	Mercury	4000309	0.4	0.0004	0.011	10200	3.9	24.6	0.25	700	12.4	100.8	23.91	3.66	700	646	0.0016	16	8.61
6946599	259952	M36/371	Mercury	4000311	-0.2	-0.0002	0.008	6600	3	12.2	0.23	800	8	111.9	19.22	3.27	800	336	0.00142	14.2	6.67
6946591	260003	M36/371	Mercury	4000312	-0.2	-0.0002	0.016	8200	2.9	19.2	0.21	900	7.4	118.1	19.02	3.33	1400	349	0.00199	19.9	6.77
6946601	260050	M36/371	Mercury	4000313	-0.2	-0.0002	0.012	8500	2.7	33.7	0.2	1000	10.5	112.1	18.41	3.2	1500	464	0.00203	20.3	7.03
6946601	260103	M36/371	Mercury	4000314	-0.2	-0.0002	0.011	7500	3.2	15	0.21	800	8.1	111	20.34	3.44	800	321	0.00183	18.3	6.21
6946601	260149	M36/371	Mercury	4000315	2.6	0.0026	0.04	13900	3.9	72.8	0.23	3900	5.1	88.5	25.25	3.18	10300	206	0.00201	20.1	7.07
6946601	260502	M36/371	Mercury	4000322	-0.2	-0.0002	0.009	8600	3.7	9.8	0.29	400	9.9	135.2	20.77	3.53	400	347	0.00182	18.2	6.61
6946596	260551	M36/371	Mercury	4000323	0.4	0.0004	0.016	9800	3	29.4	0.24	2100	9.1	110.4	29.68	3.19	1300	275	0.00197	19.7	5.7
6946601	260602	M36/371	Mercury	4000324	0.2	0.0002	0.008	6500	3	14.8	0.29	700	6.8	145.1	17.27	2.99	600	183	0.00201	20.1	4.81
6946601	260602	M36/371	Mercury	4000325	0.3	0.0003	0.006	6600	2.9	12	0.28	700	6.3	135.8	16.09	2.86	500	183	0.00197	19.7	4.55
6946602	260650	M36/371	Mercury	4000326	0.4	0.0004	0.006	8800	3.4	8.5	0.75	500	4.3	368.4	26.99	4.26	400	72	0.003	30	4.71
6946599	260699	M36/371	Mercury	4000327	1	0.001	0.007	5600	2.7	26.5	0.25	400	4.4	103.5	16.54	3.19	700	241	0.00106	10.6	5.32
6946598	260750	M36/371	Mercury	4000328	0.3	0.0003	0.011	5800	3.4	29.7	0.28	600	6.2	93.7	15.02	2.92	500	322	0.00119	11.9	6.51
6946590	260800	M36/371	Mercury	4000329	0.3	0.0003	0.008	5600	3.3	14.6	0.27	400	5.7	89.5	16.18	2.89	300	159	0.0011	11	6.3

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_pct	Ni_ppm	Pb_ppm
6946598	260844	M36/371	Mercury	4000330	0.8	0.0008	0.01	10000	4	17.8	0.41	600	11.9	99	29.19	3.92	600	318	0.00199	19.9	9.03
6946600	260902	M36/371	Mercury	4000331	0.6	0.0006	0.009	9000	3.6	36.6	0.33	1300	48.2	105.6	27.59	3.41	1100	451	0.00319	31.9	5.81
6946599	260958	M36/371	Mercury	4000332	0.7	0.0007	0.007	8800	9.2	47.7	0.33	400	16.6	108.4	24.34	3.66	400	465	0.00187	18.7	7.1
6946600	261002	M36/371	Mercury	4000333	0.3	0.0003	0.007	7100	8.8	9.6	0.37	300	7.7	117.2	18.47	3.19	200	280	0.00155	15.5	6.69
6946595	261057	M36/371	Mercury	4000334	1.5	0.0015	0.01	8500	6.6	19.7	0.35	500	10.3	98.9	24.4	3.52	300	627	0.00165	16.5	8.11
6946604	261205	M36/371	Mercury	4000338	2.4	0.0024	0.012	8100	4.9	32.6	0.4	1400	5.4	144.2	19.31	2.95	1200	340	0.00219	21.9	6.75
6946599	261249	M36/371	Mercury	4000339	1	0.001	0.01	5800	4.4	19.4	0.3	700	3.5	142.2	14.33	2.69	600	101	0.00189	18.9	6.36
6946600	261300	M36/371	Mercury	4000340	2	0.002	0.021	10100	5.2	34.9	0.44	1800	6	135.2	21.59	3.14	1800	302	0.00217	21.7	8.65
6946601	261351	M36/371	Mercury	4000341	1	0.001	0.014	7600	4.7	19.2	0.41	1500	5.2	133.1	16.71	2.88	1100	298	0.00174	17.4	7.12
6946597	261406	M36/371	Mercury	4000342	0.6	0.0006	0.011	8400	4.2	71	0.3	800	5.5	110.3	18.13	3.07	600	263	0.00179	17.9	7.16
6946599	261452	M36/371	Mercury	4000343	1.7	0.0017	0.009	7100	4.2	33.7	0.3	500	6.7	110.6	18.62	3.02	400	300	0.00164	16.4	7.75
6946598	261503	M36/371	Mercury	4000344	1.9	0.0019	0.009	8000	4.8	485	0.32	500	4	119.2	22.88	3.5	400	151	0.00164	16.4	6.91
6946599	261547	M36/371	Mercury	4000345	2.2	0.0022	0.011	8400	4.9	117.9	0.39	500	8.1	115.7	25.82	3.69	400	244	0.00196	19.6	7.45
6946801	259753	M36/371	Mercury	4000346	0.8	0.0008	0.012	7600	3.4	12.3	0.24	1000	8.3	119.4	24.38	3.98	600	316	0.00135	13.5	5.91
6946802	259800	M36/371	Mercury	4000347	1.7	0.0017	0.012	9100	3.7	25.5	0.24	1500	11.5	117.7	34.22	3.82	900	473	0.00187	18.7	6.95
6946799	259852	M36/371	Mercury	4000348	0.6	0.0006	0.013	9000	2.8	23.6	0.21	1600	9.1	110.4	25.96	3.14	1300	317	0.00157	15.7	6.05
6946796	259900	M36/371	Mercury	4000349	1.2	0.0012	0.011	9100	3.3	16.7	0.22	1100	11	107.6	27.11	3.62	1100	422	0.00159	15.9	6.6
6946796	259900	M36/371	Mercury	4000350	0.8	0.0008	0.014	9100	3.4	18.7	0.22	1100	11.2	110.4	26.98	3.62	1100	455	0.00158	15.8	6.93
6946799	259948	M36/371	Mercury	4000351	0.6	0.0006	0.016	9200	3.3	23.7	0.21	1700	11.6	116.4	30.92	3.3	1700	323	0.00207	20.7	5.61
6946804	259999	M36/371	Mercury	4000352	1.2	0.0012	0.022	11700	3.1	26.9	0.25	2100	9.7	127	35.71	3.96	3000	288	0.00216	21.6	6.51
6946806	260043	M36/371	Mercury	4000353	6.4	0.0064	0.021	10800	2.7	35	0.22	6800	7.7	116.7	25.84	2.9	3600	219	0.0018	18	5.26
6946796	260099	M36/371	Mercury	4000354	0.9	0.0009	0.012	8000	3.1	22	0.19	1700	7.7	122.7	19.71	2.87	1400	203	0.00146	14.6	4.85
6946794	260147	M36/371	Mercury	4000355	2.7	0.0027	0.013	13200	3.2	163.2	0.12	56600	11.8	102.6	32.62	2.56	11000	138	0.00323	32.3	3.67
6946802	260193	M36/371	Mercury	4000356	1.4	0.0014	0.015	12300	2.9	117.7	0.15	40300	9.8	122.5	27.68	2.8	8700	166	0.00376	37.6	4.28
6946799	260252	M36/371	Mercury	4000357	0.4	0.0004	0.014	11200	3.4	30.9	0.23	2100	9.6	120.6	29.46	3.65	2100	293	0.00235	23.5	6.87
6946798	260302	M36/371	Mercury	4000358	1.3	0.0013	0.012	12400	3.7	42.9	0.22	18000	8.8	99.1	29.43	3.1	5200	274	0.0016	16	7.14
6946799	260349	M36/371	Mercury	4000359	1.5	0.0015	0.02	9900	3	35.7	0.25	5900	5.4	96.2	21.84	2.88	2900	175	0.00134	13.4	7.32
6946797	260406	M36/371	Mercury	4000361	0.9	0.0009	0.017	11400	3.1	37.3	0.29	7000	11.6	110.6	36.9	3.1	3900	287	0.00228	22.8	5.62
6946800	260450	M36/371	Mercury	4000362	1.7	0.0017	0.014	14100	3.3	45.1	0.3	3500	10.6	122.3	52.79	4.08	3400	264	0.00399	39.9	7.98
6946795	260496	M36/371	Mercury	4000363	1	0.001	0.01	9900	3.2	24.1	0.35	1600	6.4	127.3	33.17	4.07	1400	268	0.00239	23.9	7.76
6946801	260547	M36/371	Mercury	4000364	0.6	0.0006	0.009	10100	2.6	22.2	0.39	1500	6.9	168.9	16.29	3.36	700	141	0.00136	13.6	5.13
6946787	260589	M36/371	Mercury	4000365	0.9	0.0009	0.005	9900	2	17.9	0.44	700	7.2	132.4	19.21	3.57	600	259	0.00137	13.7	5.46
6946802	260651	M36/371	Mercury	4000366	1.3	0.0013	0.009	9400	4.1	23.7	0.41	1000	10.1	109.8	26.53	3.87	900	481	0.00169	16.9	8.23
6946795	260694	M36/371	Mercury	4000367	1	0.001	0.014	8500	2.9	30.7	0.32	5200	4.7	99.8	16.06	2.96	2000	176	0.00134	13.4	6.08
6946802	260750	M36/371	Mercury	4000368	5.7	0.0057	0.016	9300	3.9	56.2	0.44	28600	5.9	86.5	25.33	3.1	2800	178	0.00122	12.2	6.04
6946801	260794	M36/371	Mercury	4000369	1.6	0.0016	0.014	9100	3.7	23.8	0.34	1400	6.2	103.2	24.88	3.58	1200	236	0.00177	17.7	7.76
6946798	260850	M36/371	Mercury	4000370	1.7	0.0017	0.012	9700	3.1	29.9	0.37	1900	10.8	107.2	27.65	3.47	1500	299	0.00269	26.9	6.26
6946803	260899	M36/371	Mercury	4000371	1.5	0.0015	0.011	7400	4.1	20.1	0.53	600	9.9	115	24.35	3.28	600	430	0.00204	20.4	6.77
6946802	260952	M36/371	Mercury	4000372	0.9	0.0009	0.012	6600	5.1	22.3	0.74	700	13.5	159.2	21.85	3.18	800	457	0.00365	36.5	7.01
6946799	261000	M36/371	Mercury	4000373	1.1	0.0011	0.012	9900	5.4	22.3	0.73	1200	13.7	144.1	29.24	3.87	800	491	0.00324	32.4	8.81
6946802	261049	M36/371	Mercury	4000374	0.8	0.0008	0.015	8000	4.4	25.2	0.53	800	15.2	128.2	29.95	3.45	800	474	0.00229	22.9	7.39
6946802	261049	M36/371	Mercury	4000375	1.2	0.0012	0.014	7600	3.9	21.5	0.51	700	13.6	125.4	27.43	3.29	700	408	0.00214	21.4	6.91
6946805	261107	M36/371	Mercury	4000376	6.8	0.0068	0.024	12100	5.6	51.7	0.59	2600	13.5	137	43.59	3.83	2400	356	0.0035	35	7.59
6946798	261150	M36/371	Mercury	4000377	2.4	0.0024	0.013	9700	5.1	28.6	0.6	1100	13.6	129.6	31.94	3.63	1100	475	0.00232	23.2	8.05
6946799	261197	M36/349	Mercury	4000378	2.3	0.0023	0.016	9700	5.6	27.5	0.72	1200	8.6	132.2	28.6	3.52	1200	285	0.00214	21.4	8.07
6946800	261248	M36/349	Mercury	4000379	1.3	0.0013	0.008	9200	5.7	118.6	1.25	700	7.3	122.5	24.01	3.29	600	182	0.00173	17.3	8.3
6946803	261298	M36/349	Mercury	4000380	2	0.002	0.021	11500	5	99.9	0.51	2900	8.5	124.7	28.74	3.36	1800	384	0.00251	25.1	8.54
6946804	261352	M36/349	Mercury	4000381	1.5	0.0015	0.011	8500	4.7	36.5	0.4	400	8.4	135.1	20.09	3.08	400	300	0.00186	18.6	7.32
6946801	261398	M36/349	Mercury	4000382	0.9	0.0009	0.008	10800	5.1	44	0.41	600	11.1	137.3	24.29	3.42	500	459	0.00198	19.8	7.91

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_pct	Ni_ppm	Pb_ppm
6946799	261448	M36/349	Mercury	4000383	1.8	0.0018	0.01	11700	4.5	19.5	0.41	500	7.3	130.3	25.35	3.47	500	216	0.00193	19.3	7.59
6946796	261497	M36/349	Mercury	4000384	1.2	0.0012	0.008	6800	5	17.1	0.31	700	6.8	119.8	19.05	2.54	500	242	0.00212	21.2	4.97
6946799	261548	M36/349	Mercury	4000386	3.7	0.0037	0.015	12300	7.4	29.9	0.5	1100	15.3	128.2	36.84	3.98	1100	611	0.00329	32.9	8.66
6946998	259901	M36/371	Mercury	4000390	2	0.002	0.023	13600	2.8	27.8	0.18	2100	12.3	115	45.79	3.79	1700	343	0.00248	24.8	5.01
6947000	259947	M36/371	Mercury	4000391	1.9	0.0019	0.034	13000	2.4	32.5	0.17	2900	13.1	101.2	58.25	3.59	1900	352	0.00214	21.4	4.62
6947001	259996	M36/371	Mercury	4000392	3.9	0.0039	0.034	13000	2.8	50.4	0.24	11500	12.2	100.4	61.68	3.24	2200	326	0.00198	19.8	4.84
6946991	260046	M36/371	Mercury	4000393	1.7	0.0017	0.022	14300	3.5	35	0.27	2300	12.7	111.9	48.46	3.85	1700	406	0.00235	23.5	6.38
6946998	260099	M36/371	Mercury	4000394	1.2	0.0012	0.013	10800	2.9	14.8	0.18	1200	8.9	105	27.43	2.96	800	312	0.00176	17.6	4.75
6946997	260153	M36/371	Mercury	4000395	2.8	0.0028	0.028	12100	3	30.8	0.2	2000	11.4	120	46.44	3.99	1500	345	0.00211	21.1	5.16
6946998	260201	M36/371	Mercury	4000396	0.9	0.0009	0.013	13000	3.4	18.8	0.24	1100	13.8	113.2	36.67	4.09	800	565	0.002	20	6.94
6947001	260257	M36/371	Mercury	4000397	1.3	0.0013	0.016	13400	3.3	29.6	0.23	2400	10.2	105.7	31.9	3.62	1500	336	0.00224	22.4	6.93
6947002	260304	M36/371	Mercury	4000398	0.9	0.0009	0.017	16200	3.7	32.7	0.26	2400	12.3	113.9	37.33	4.07	1900	420	0.00234	23.4	7.55
6946999	260355	M36/371	Mercury	4000399	1.5	0.0015	0.018	12400	3.5	42.2	0.28	8000	11.6	104.9	36.55	2.93	4400	301	0.00221	22.1	5.04
6946999	260355	M36/371	Mercury	4000400	1.4	0.0014	0.015	12800	2.9	44.3	0.2	10300	11.8	94.2	37.35	2.95	4800	317	0.00228	22.8	4.72
6946996	260400	M36/371	Mercury	4000401	8.7	0.0087	0.014	9900	2.9	95.5	0.27	64800	5.6	72.6	50.06	2.57	2000	131	0.00145	14.5	6.44
6947003	260449	M36/371	Mercury	4000402	2.1	0.0021	0.011	12100	3.9	46.6	0.33	900	13.6	108.7	29.41	3.83	600	674	0.00207	20.7	8.47
6946998	260497	M36/371	Mercury	4000403	1	0.001	0.007	10000	4.1	12.7	0.31	700	7.5	113	26.83	3.43	700	223	0.00275	27.5	6.53
6947001	260545	M36/371	Mercury	4000404	1.9	0.0019	0.018	12600	4.4	57.5	0.38	3700	9.4	105.4	36.52	3.67	1800	342	0.00286	28.6	9.84
6947000	260602	M36/371	Mercury	4000405	0.9	0.0009	0.009	13100	3.8	17.9	0.31	500	13.9	107.4	24.81	3.88	600	634	0.00203	20.3	8.95
6947003	260658	M36/371	Mercury	4000406	2.2	0.0022	0.008	13500	3.4	12.6	0.38	600	11.2	113.3	27.97	3.88	500	474	0.00189	18.9	7.44
6946998	260701	M36/371	Mercury	4000407	29.1	0.0291	0.012	13400	3.9	17.9	0.32	700	16	115.2	30.89	4.22	600	691	0.00212	21.2	8.48
6946998	260751	M36/371	Mercury	4000408	1.3	0.0013	0.009	12400	4.2	12	0.37	500	13	113.3	30.35	4.15	800	471	0.00208	20.8	8.68
6947002	260798	M36/371	Mercury	4000409	1.3	0.0013	0.015	12700	3.9	29.8	0.39	1400	20.7	122.4	38.03	3.91	1400	526	0.00303	30.3	7.6
6947000	260849	M36/371	Mercury	4000411	2.4	0.0024	0.021	15300	4.2	42.6	0.8	2900	18.9	124.5	46.4	4.18	2500	498	0.00372	37.2	7.92
6946997	260904	M36/371	Mercury	4000412	2	0.002	0.01	12000	3.7	27.2	0.45	2100	11.6	129.3	37.87	3.48	1900	278	0.00308	30.8	6.07
6947000	260950	M36/371	Mercury	4000413	1.1	0.0011	0.018	10100	4.4	34.7	0.63	1700	14.2	131	38.31	3.21	1700	341	0.00336	33.6	6.01
6947001	261001	M36/371	Mercury	4000414	1.9	0.0019	0.016	11300	6.5	21.2	0.74	1200	10.9	129.9	32.74	3.41	1100	348	0.00253	25.3	7.73
6946994	261050	M36/371	Mercury	4000415	5	0.005	0.025	16300	6.8	48.7	0.92	2600	14.3	143	49.58	4.3	2100	421	0.00424	42.4	8.76
6947001	261105	M36/371	Mercury	4000416	2	0.002	0.025	12800	6.2	59.8	0.69	2700	10.9	134.2	39.48	3.91	1900	371	0.00313	31.3	9.28
6946998	261151	M36/371	Mercury	4000417	1.3	0.0013	0.01	11700	5.7	17.4	0.5	800	8.3	126.8	24.9	3.35	700	221	0.00183	18.3	8.1
6947001	261198	M36/349	Mercury	4000418	1.8	0.0018	0.015	11000	5.2	62.9	0.39	1200	7.8	126.8	22.71	3.11	900	346	0.00199	19.9	8.99
6947002	261251	M36/349	Mercury	4000419	1.5	0.0015	0.012	9900	5.3	42.7	0.36	800	6	106.4	21.48	2.95	700	329	0.00179	17.9	7.89
6946999	261301	M36/349	Mercury	4000420	2	0.002	0.011	10800	5.2	14.3	0.4	500	7.4	117.4	24.36	3.35	600	241	0.00166	16.6	8.34
6947000	261350	M36/349	Mercury	4000421	1.1	0.0011	0.013	9000	5.1	25.5	0.46	600	7.5	121.5	24.78	3.25	700	352	0.00199	19.9	8.81
6946999	261399	M36/349	Mercury	4000422	1.1	0.0011	0.013	10700	6.1	32.6	0.59	600	9.8	126	27.23	3.63	700	458	0.00229	22.9	9.36
6947000	261449	M36/349	Mercury	4000423	0.9	0.0009	0.011	7200	6.2	23	0.36	900	8.7	123.3	22.52	2.64	800	304	0.00255	25.5	6.11
6946998	261501	M36/349	Mercury	4000424	1.6	0.0016	0.011	9600	6.2	15.1	0.52	600	7.6	129.4	25.88	3.31	600	260	0.00219	21.9	7.77
6946998	261501	M36/349	Mercury	4000425	0.8	0.0008	0.011	9600	6.4	15.2	0.5	500	7	130.6	24.56	3.17	600	240	0.0022	22	7.62
6947002	261552	M36/349	Mercury	4000426	0.8	0.0008	0.008	7300	4.3	10.8	0.37	400	4.9	151.7	19.42	2.95	500	123	0.00149	14.9	8.52
6947210	260063	M36/371	Mercury	4000433	0.5	0.0005	0.031	13800	2.3	31.4	0.22	2500	13.5	111.2	48.28	3.15	1900	290	0.00259	25.9	4.55
6947203	260100	M36/371	Mercury	4000434	0.7	0.0007	0.018	11100	2.8	20	0.2	1700	9.1	119.7	38.34	3.01	1200	259	0.002	20	4.51
6947198	260141	M36/371	Mercury	4000436	0.8	0.0008	0.023	13100	3.5	29.6	0.26	2200	13.1	128.7	45.17	3.77	1500	362	0.00247	24.7	5.88
6947199	260198	M36/371	Mercury	4000437	0.6	0.0006	0.018	9600	2.6	23.2	0.17	1700	9.6	98.6	52.34	2.84	1500	244	0.00178	17.8	3.88
6947196	260246	M36/371	Mercury	4000438	2	0.002	0.022	11200	3.3	39.3	0.22	6000	9.5	109.3	35.14	2.94	2800	246	0.00257	25.7	5.83
6947201	260300	M36/371	Mercury	4000439	0.9	0.0009	0.023	17500	4.5	48.4	0.32	2500	17.2	118.2	43.2	4.52	1700	580	0.00306	30.6	10.26
6947200	260347	M36/371	Mercury	4000440	0.4	0.0004	0.012	14300	4.3	19	0.31	700	17.4	127	32.01	4.52	700	687	0.00188	18.8	10.03
6947196	260401	M36/371	Mercury	4000441	0.9	0.0009	0.011	11800	3.6	16.8	0.29	800	12.1	115.7	28.51	3.78	700	568	0.00191	19.1	8.45
6947201	260452	M36/371	Mercury	4000442	0.3	0.0003	0.011	12800	3.9	21.4	0.31	600	17.4	118.9	27.2	3.88	600	739	0.00191	19.1	9.56
6947201	260501	M36/371	Mercury	4000443	0.8	0.0008	0.013	12500	4.2	37.6	0.33	700	16.3	122.7	32.72	3.83	600	853	0.00218	21.8	9.55

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_pct	Ni_ppm	Pb_ppm
6947201	260549	M36/371	Mercury	4000444	1.2	0.0012	0.012	11600	5	14.2	0.34	700	8.7	129.4	27.82	3.64	600	328	0.00191	19.1	7.62
6947198	260602	M36/371	Mercury	4000445	0.8	0.0008	0.013	10200	3.8	15.8	0.24	1100	10.6	123.6	32.37	3.26	800	359	0.00184	18.4	5.88
6947201	260651	M36/371	Mercury	4000446	0.6	0.0006	0.01	10100	3.3	25.7	0.43	1200	8	122.8	23.15	3.5	1100	263	0.00174	17.4	6.5
6947202	260697	M36/371	Mercury	4000447	0.9	0.0009	0.017	12000	4.2	40.6	0.38	2400	15	132.7	47.67	3.31	2000	317	0.00323	32.3	6.42
6947203	260750	M36/371	Mercury	4000448	1.3	0.0013	0.024	12600	4.7	43	0.47	2700	14.6	149.3	50.23	3.52	2700	320	0.00403	40.3	6.99
6947200	260798	M36/371	Mercury	4000449	1.3	0.0013	0.018	12900	4.2	44.5	0.65	2400	14.4	133.3	43.86	3.43	2800	305	0.00431	43.1	6.46
6947200	260798	M36/371	Mercury	4000450	0.6	0.0006	0.016	11900	3.9	39.5	0.62	2400	12.9	134.5	42.57	3.35	2600	273	0.00422	42.2	6.3
6947201	260849	M36/371	Mercury	4000451	0.8	0.0008	0.018	13100	4	43.3	0.72	2300	13.2	135.2	45.06	3.56	2400	305	0.00398	39.8	6.76
6947200	260905	M36/371	Mercury	4000452	3.4	0.0034	0.017	12000	23.6	60.9	1.86	20500	18.2	224.5	25.73	3.09	6800	233	0.01744	174.4	7.45
6947197	260954	M36/371	Mercury	4000453	1	0.001	0.011	7400	9.6	19.1	0.92	1300	6.9	147.7	17.96	2.98	1000	332	0.00316	31.6	7.49
6947198	260999	M36/371	Mercury	4000454	1.8	0.0018	0.01	7800	7.3	11.8	0.58	500	9	126.4	20.51	3.32	400	241	0.00232	23.2	8.02
6947197	261051	M36/371	Mercury	4000455	1.2	0.0012	0.01	8300	6.1	16.2	0.42	700	9.1	119.5	22.02	3.44	500	340	0.00182	18.2	8.18
6947202	261096	M36/371	Mercury	4000456	0.8	0.0008	0.007	6600	4.2	5.6	0.36	300	6.5	115.2	14.84	2.91	200	185	0.00134	13.4	6.06
6947203	261150	M36/371	Mercury	4000457	0.9	0.0009	0.009	8900	5	10.9	0.39	300	8.3	119.4	18.78	3.36	300	289	0.00149	14.9	7.29
6947198	261196	M36/349	Mercury	4000458	0.9	0.0009	0.007	8500	5.3	10.7	0.51	300	7.7	130.1	19.52	3.44	400	229	0.00168	16.8	7.19
6947200	261249	M36/349	Mercury	4000459	1.7	0.0017	0.011	9100	5.7	22.2	0.86	400	9.6	119.7	21.18	3.53	400	374	0.00176	17.6	7.73
6947201	261300	M36/349	Mercury	4000461	1.1	0.0011	0.011	7000	4.7	9.7	0.71	200	6.6	128.6	17.01	3.02	200	228	0.00153	15.3	6.59
6947202	261351	M36/349	Mercury	4000462	1.2	0.0012	0.01	7000	5.5	27.2	0.66	400	10	127.8	17.91	3.19	300	433	0.00168	16.8	7.33
6947201	261404	M36/349	Mercury	4000463	1.8	0.0018	0.015	12600	6.5	22.7	0.57	700	13.2	135.5	31.03	4.11	800	582	0.00451	45.1	9.12
6947202	261448	M36/349	Mercury	4000464	1.9	0.0019	0.017	10600	7	31	0.38	1000	12.1	119.4	37.14	3.82	1000	497	0.00287	28.7	7.24
6947195	261509	M36/349	Mercury	4000465	1.7	0.0017	0.008	8800	6.5	26.9	0.43	400	4.6	139.9	21.61	3.23	400	153	0.00197	19.7	6.85
6947202	261550	M36/349	Mercury	4000466	3.2	0.0032	0.008	8000	6.2	113.4	0.53	200	2.4	166.2	20.3	3.42	300	92	0.00169	16.9	6.7
6947379	260048	M36/371	Mercury	4000473	1.4	0.0014	0.026	11200	2.9	27.8	0.18	1500	11.7	109.8	42.06	3.46	1100	393	0.0019	19	4.35
6947401	260101	M36/371	Mercury	4000474	1	0.001	0.016	11900	3.9	21.4	0.25	900	14.5	126.2	36.12	3.84	700	532	0.00205	20.5	5.83
6947401	260101	M36/371	Mercury	4000475	1.4	0.0014	0.02	10200	3.7	20.9	0.2	1100	13.9	126.6	36.1	3.81	600	497	0.00196	19.6	5.66
6947402	260150	M36/371	Mercury	4000476	3.5	0.0035	0.046	10700	4.2	50.7	0.18	3500	13.3	108	66.86	3.32	2200	398	0.00268	26.8	4.85
6947404	260196	M36/371	Mercury	4000477	1.5	0.0015	0.021	12700	3	53.2	0.16	1400	10.5	110.9	37.05	3.58	2500	396	0.00199	19.9	5.28
6947404	260249	M36/371	Mercury	4000478	0.8	0.0008	0.019	10200	3.4	35.8	0.21	1100	12.2	121.2	30.51	3.56	1000	459	0.00187	18.7	6.35
6947401	260303	M36/371	Mercury	4000479	0.4	0.0004	0.015	10300	3.3	23.4	0.24	800	13.3	118.7	29.92	3.78	800	599	0.00199	19.9	6.38
6947400	260353	M36/371	Mercury	4000480	1.2	0.0012	0.015	10400	3.9	20.7	0.23	1200	11.7	120.3	31.2	3.93	800	462	0.00194	19.4	7.5
6947406	260397	M36/371	Mercury	4000481	0.9	0.0009	0.013	11100	3.7	22.9	0.23	1100	12.2	112.2	27.55	3.63	800	494	0.00195	19.5	6.66
6947405	260433	M36/371	Mercury	4000482	1.2	0.0012	0.018	10300	3.6	24.9	0.21	2200	9.4	114	29.47	3.03	1400	278	0.00196	19.6	5.23
6947405	260499	M36/371	Mercury	4000483	0.9	0.0009	0.021	10400	4.5	28.5	0.22	2400	11.4	110.6	46.89	3.18	1700	316	0.00233	23.3	5.67
6947400	260553	M36/371	Mercury	4000484	1.3	0.0013	0.016	8900	4.5	29.8	0.5	1400	12	112.5	32.58	3.54	800	356	0.00207	20.7	8.17
6947410	260591	M36/371	Mercury	4000486	1.7	0.0017	0.018	10100	3.2	47.8	0.44	23200	8.6	123.2	37.94	2.99	2400	287	0.00283	28.3	7.11
6947404	260649	M36/371	Mercury	4000487	1.1	0.0011	0.008	8900	3	4.4	0.32	200	8.6	114.2	16.55	3.15	200	143	0.00238	23.8	5.47
6947405	260702	M36/371	Mercury	4000488	0.7	0.0007	0.007	10300	3.8	12.8	0.43	400	8.4	180.4	16.81	3.28	200	218	0.00288	28.8	5.71
6947404	260751	M36/371	Mercury	4000489	1.2	0.0012	0.009	11300	4.3	10.8	0.55	400	20.5	265.3	23.61	4.03	600	396	0.01396	139.6	7.02
6947403	260804	M36/371	Mercury	4000490	0.9	0.0009	0.01	9200	5	15.4	0.38	500	14.5	186.7	20.93	3.44	500	501	0.00715	71.5	8.54
6947401	260851	M36/371	Mercury	4000491	1.7	0.0017	0.009	8600	4.3	20.3	0.39	1100	10.7	168.4	24.44	3.38	1000	320	0.00671	67.1	7.13
6947401	260899	M36/371	Mercury	4000492	1.2	0.0012	0.011	7600	4.4	15	0.41	800	11	171	24.94	3.47	1100	311	0.00682	68.2	6.92
6947399	260955	M36/371	Mercury	4000493	1.8	0.0018	0.01	8000	5.4	23.8	0.63	800	13.2	183.6	26.06	3.38	1200	375	0.00798	79.8	7.78
6947402	261000	M36/371	Mercury	4000494	1.6	0.0016	0.009	7300	5.7	20.8	0.63	700	14.6	160.6	24.36	3.4	600	434	0.00609	60.9	8.29
6947401	261051	M36/371	Mercury	4000495	0.9	0.0009	0.009	8200	5.4	15.9	0.56	600	10.5	146.8	23.61	3.45	600	304	0.00508	50.8	8.55
6947402	261102	M36/371	Mercury	4000496	1.9	0.0019	0.01	8100	6.5	14.7	0.52	600	9.8	134.7	22.29	3.37	600	308	0.00422	42.2	8.68
6947408	261151	M36/371	Mercury	4000497	0.8	0.0008	0.012	6100	5.3	27.1	0.32	700	6.5	128	18.95	2.76	500	351	0.00208	20.8	7.42
6947400	261202	M36/349	Mercury	4000498	0.4	0.0004	0.015	9200	6.2	32.2	0.47	1600	5.5	126.1	20.46	3.17	1300	246	0.00198	19.8	8.06
6947399	261250	M36/349	Mercury	4000499	0.7	0.0007	0.01	6200	4.9	10.6	0.39	600	5.5	131.2	16.65	2.9	400	112	0.00143	14.3	7.41
6947399	261250	M36/349	Mercury	4000500	1.6	0.0016	0.007	5500	4.9	19.5	0.37	700	7.8	124.6	15.57	2.8	500	261	0.00145	14.5	7.34

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_pct	Ni_ppm	Pb_ppm
6947400	261299	M36/349	Mercury	4000501	0.7	0.0007	0.008	5000	3.6	24.7	0.34	500	6.1	128.7	13.49	2.67	500	366	0.00127	12.7	6.51
6947403	261350	M36/349	Mercury	4000502	1.6	0.0016	0.007	9300	6.4	289.5	0.47	500	10.2	123.2	23.59	3.49	500	339	0.00142	14.2	7.53
6947404	261403	M36/349	Mercury	4000503	0.6	0.0006	0.009	7500	5.5	26.1	0.36	300	12.2	130.4	20.83	3.21	300	596	0.00144	14.4	6.82
6947403	261449	M36/349	Mercury	4000504	1	0.001	0.011	6100	5.8	19.9	0.34	700	9.5	122.1	23.14	2.81	700	308	0.00266	26.6	5.47
6947400	261503	M36/349	Mercury	4000505	2.1	0.0021	0.012	9300	5.7	10.8	0.62	500	6.6	138.7	25.72	3.68	500	212	0.00172	17.2	8.18
6947399	261550	M36/349	Mercury	4000506	3.8	0.0038	0.008	7700	5	150.7	0.46	200	2.3	162.7	19.86	3.54	200	101	0.00117	11.7	5.97
6947600	260301	M36/349	Mercury	4000519	3.3	0.0033	0.023	10500	2.8	30.4	0.18	1500	16	107.4	57.82	3.44	1400	446	0.00212	21.2	4.53
6947598	260350	M36/349	Mercury	4000520	2.4	0.0024	0.022	8800	2.9	31.6	0.18	1800	11.9	115.4	48.53	3.58	1500	374	0.00195	19.5	4.85
6947601	260401	M36/349	Mercury	4000521	1.2	0.0012	0.013	9800	3.8	29.5	0.21	2200	11.9	107.2	31.67	3.3	2000	345	0.00223	22.3	5.16
6947602	260452	M36/349	Mercury	4000522	1	0.001	0.018	11600	3	43.2	0.3	4800	11.9	112.6	35.9	3.08	2600	382	0.00277	27.7	6.26
6947599	260500	M36/349	Mercury	4000523	0.5	0.0005	0.017	10900	2.6	46	0.27	2300	11.4	107.4	30.98	3.27	1800	508	0.00254	25.4	7.28
6947598	260554	M36/349	Mercury	4000524	0.8	0.0008	0.013	10500	2.9	27.9	0.28	1700	11	112.9	30.14	3.67	1100	495	0.00225	22.5	7.42
6947598	260554	M36/349	Mercury	4000525	1.2	0.0012	0.014	10300	2.9	31.5	0.26	1800	11	109.7	30.98	3.69	1200	493	0.00226	22.6	7.47
6947597	260601	M36/349	Mercury	4000526	1	0.001	0.012	11600	3.2	30.1	0.31	1500	12.8	120.6	31.54	4.07	1200	563	0.00289	28.9	8.43
6947598	260648	M36/349	Mercury	4000527	2.8	0.0028	0.011	8900	4.1	30.1	0.38	3000	19.2	203.6	21.8	3.21	2200	401	0.00252	25.2	6.52
6947597	260703	M36/349	Mercury	4000528	1.5	0.0015	0.012	9800	4	48.8	0.68	10200	37.1	316	26.86	4.2	5900	348	0.06162	616.2	6.66
6947596	260746	M36/349	Mercury	4000529	1.2	0.0012	0.012	8200	6.6	31.8	0.87	1700	28	417.2	26.16	4.78	3700	309	0.05893	589.3	6.56
6947588	260802	M36/349	Mercury	4000530	2.7	0.0027	0.011	10100	3.4	61	0.35	30000	13.7	195.8	15.2	2.84	8200	198	0.01994	199.4	7.11
6947600	260851	M36/349	Mercury	4000531	0.5	0.0005	0.013	8400	3.9	15.9	0.32	1600	5.5	139	17.74	2.92	1400	135	0.00604	60.4	7.78
6947599	260902	M36/349	Mercury	4000532	1.1	0.0011	0.009	7000	6.5	35.4	0.3	800	7	113.4	21.28	2.98	600	259	0.00331	33.1	7.49
6947600	260953	M36/349	Mercury	4000533	2.2	0.0022	0.008	8400	32.2	19.9	0.5	500	12.2	115.4	23.2	3.37	400	413	0.00264	26.4	8.49
6947597	260999	M36/349	Mercury	4000534	1.1	0.0011	0.008	10400	13.9	23.5	0.43	400	15.7	120.6	23.99	3.75	500	649	0.00264	26.4	8.46
6947598	261052	M36/349	Mercury	4000536	1.3	0.0013	0.009	8300	6.9	14.6	0.31	400	12.6	120	20.69	3.48	300	496	0.00226	22.6	7.6
6947599	261103	M36/349	Mercury	4000537	2.5	0.0025	0.007	7800	5.9	17.4	0.29	400	11.6	112.5	21.36	3.48	400	568	0.00196	19.6	6.76
6947600	261154	M36/349	Mercury	4000538	1.4	0.0014	0.008	8000	5.2	15.8	0.27	400	11.9	117.1	20.76	3.19	300	583	0.00155	15.5	6.35
6947600	261203	M36/349	Mercury	4000539	1.6	0.0016	0.009	9800	5.4	23	0.32	500	13.4	112.2	29.22	3.81	600	543	0.00217	21.7	7.41
6947600	261249	M36/349	Mercury	4000540	1.1	0.0011	0.012	8800	4.7	21.7	0.36	500	16	114.1	32.09	3.79	600	603	0.00226	22.6	6.78
6947600	261299	M36/349	Mercury	4000541	1.6	0.0016	0.015	10100	6.7	25.9	0.38	700	14.6	120.3	35.24	3.86	800	615	0.00295	29.5	7.22
6947603	261358	M36/349	Mercury	4000542	1.2	0.0012	0.013	8400	7.3	22	0.34	1000	9.7	112.8	26.51	2.83	1200	280	0.00368	36.8	6.13
6947598	261401	M36/349	Mercury	4000543	1.5	0.0015	0.012	7300	6.3	19.6	0.52	800	9	123.2	22.62	2.79	800	291	0.00297	29.7	6.13
6947595	261453	M36/349	Mercury	4000544	1.7	0.0017	0.007	5900	4.1	59.4	0.68	600	3.4	129.5	13.34	2.62	600	173	0.00095	9.5	5.41
6947602	261501	M36/349	Mercury	4000545	1.3	0.0013	0.006	4600	3.6	6.5	0.54	300	1.7	125.1	10.92	2.63	400	46	0.00079	7.9	4.07
6947601	261549	M36/349	Mercury	4000546	2.2	0.0022	0.007	8100	3.2	4.8	0.66	100	1.6	133	17.3	3.63	200	60	0.00071	7.1	6.1
6947800	260499	M36/349	Mercury	4000561	2.1	0.0021	0.023	12200	2.4	47.3	0.19	1700	13.4	115.3	47.63	3.64	2300	414	0.0023	23	4.73
6947801	260552	M36/349	Mercury	4000562	2.1	0.0021	0.02	11200	2.4	24.6	0.18	1800	11.7	116.8	43.59	3.78	1600	333	0.00212	21.2	4.34
6947800	260602	M36/349	Mercury	4000563	1	0.001	0.019	11600	2.6	26	0.23	2000	13.3	113.3	39.38	3.75	1200	448	0.00216	21.6	5.59
6947796	260651	M36/349	Mercury	4000564	2	0.002	0.02	9400	2.9	31.2	0.25	1900	8.6	107.1	30.89	3.33	1200	320	0.00218	21.8	6.69
6947800	260699	M36/349	Mercury	4000565	3.7	0.0037	0.011	9200	3.1	17.8	0.39	700	11.6	127.4	25.36	3.81	700	328	0.00564	56.4	6.32
6947811	260748	M36/349	Mercury	4000566	1.8	0.0018	0.035	10400	3.6	35.7	0.29	5700	10.6	112.1	33.3	3.58	2000	341	0.00334	33.4	9.42
6947800	260799	M36/349	Mercury	4000567	1.1	0.0011	0.016	8900	3.5	42.7	0.26	1300	10.2	105.5	27.43	3.55	1100	418	0.00221	22.1	7.42
6947800	260849	M36/349	Mercury	4000568	1.2	0.0012	0.017	11200	3.1	29.6	0.29	1500	16.4	118	36.81	4.1	1000	544	0.0027	27	7.05
6947799	260901	M36/349	Mercury	4000569	3.9	0.0039	0.015	11500	2.9	50.5	0.31	2500	11.7	114.2	32.52	3.42	2500	459	0.00292	29.2	5.7
6947798	260954	M36/349	Mercury	4000570	1.3	0.0013	0.014	11000	9	20.2	0.4	600	14.4	119.7	32.13	4.13	700	611	0.00253	25.3	7.09
6947804	261002	M36/349	Mercury	4000571	2.6	0.0026	0.014	10800	10.9	21	0.37	700	12.8	117.9	33.74	4.16	800	484	0.00255	25.5	7.35
6947800	261051	M36/349	Mercury	4000572	2.2	0.0022	0.023	9600	4.5	27.2	0.27	1500	11.4	120.1	38.29	3.5	1000	356	0.00286	28.6	5.85
6947799	261101	M36/349	Mercury	4000573	1	0.001	0.012	8300	3.6	19.2	0.22	1000	8.6	113	30.15	2.91	800	260	0.0024	24	4.42
6947794	261152	M36/349	Mercury	4000574	2.4	0.0024	0.015	9500	7.3	26.3	0.34	1500	10.6	119.8	29.47	2.95	1300	295	0.00383	38.3	6.11
6947794	261152	M36/349	Mercury	4000575	1.3	0.0013	0.013	10100	8	31.1	0.4	1500	11.8	117.7	32.05	3.16	1500	325	0.00442	44.2	6.7
6947795	261199	M36/349	Mercury	4000576	1	0.001	0.012	7800	7.4	26.2	0.41	1400	9.1	122.9	22.59	2.89	1200	261	0.00297	29.7	6.58

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_pct	Ni_ppm	Pb_ppm
6947800	261250	M36/349	Mercury	4000577	0.6	0.0006	0.007	8000	4.6	19.6	0.45	800	5.6	131.6	17.41	2.76	800	229	0.00176	17.6	6.95
6947799	261300	M36/349	Mercury	4000578	1.4	0.0014	0.005	5700	3.4	11.9	0.39	500	4.9	141.4	14.04	2.78	500	213	0.00124	12.4	5.88
6947802	261351	M36/349	Mercury	4000579	0.3	0.0003	0.006	4700	3.4	19.2	0.41	600	2.3	150.3	11.06	2.36	500	92	0.0014	14	4.58
6947801	261400	M36/349	Mercury	4000580	1.8	0.0018	0.01	8300	4.4	58.2	0.41	10500	3	151.4	14.27	2.43	4300	122	0.00149	14.9	5.77
6947804	261451	M36/349	Mercury	4000581	2.8	0.0028	0.008	5000	3.9	7.6	0.31	300	2	159.4	11.68	2.57	500	77	0.00108	10.8	5.42
6947799	261497	M36/349	Mercury	4000582	1	0.001	0.004	4900	3.6	7.6	0.46	300	1.7	151.3	11.23	2.59	300	54	0.0008	8	4.33
6947797	261550	M36/349	Mercury	4000583	2	0.002	0.005	5500	3.5	6.3	0.64	100	1.9	122.4	10.59	2.7	300	56	0.00076	7.6	4.32
6947997	260553	M36/349	Mercury	4000595	3	0.003	0.03	9300	2.4	30.3	0.34	1500	10.7	118.1	44.76	3.59	1100	326	0.00198	19.8	5.28
6948000	260599	M36/349	Mercury	4000596	4.9	0.0049	0.031	11400	2.3	29.9	0.22	3100	12	118.7	48.98	3.47	2000	314	0.00258	25.8	4.64
6948001	260647	M36/349	Mercury	4000597	3	0.003	0.018	16600	3.8	89	0.31	14100	21.8	165.7	31.18	3.21	11400	212	0.01236	123.6	5.6
6947996	260703	M36/349	Mercury	4000598	5.5	0.0055	0.017	9700	3.6	56.8	0.34	27600	12.9	128.2	22.99	2.27	2900	244	0.00913	91.3	18.14
6948001	260751	M36/349	Mercury	4000599	5.8	0.0058	0.016	8700	3.1	52	0.28	2600	9.1	95.8	18.41	2.44	1400	262	0.00424	42.4	15.7
6948000	260797	M36/349	Mercury	4000600	1.5	0.0015	0.013	7500	6.1	37.7	0.61	1800	9.8	175.2	18.68	2.8	1400	202	0.00765	76.5	9.48
6948000	260797	M36/349	Mercury	4000601	5.4	0.0054	0.014	8300	6.5	46.9	0.61	2300	9.5	173.2	19.38	2.81	1500	206	8.72E-03	87.2	9.53
6947999	260851	M36/349	Mercury	4000602	0.8	0.0008	0.015	13100	2.9	64.6	0.66	8900	6.7	110.6	33.14	3.49	6800	223	0.00406	40.6	7.57
6947997	260904	M36/349	Mercury	4000603	5.8	0.0058	0.011	10500	4	73.7	0.69	22200	6.7	100.6	29.71	2.94	8400	136	0.00283	28.3	5.32
6947999	260948	M36/349	Mercury	4000604	24.8	0.0248	0.015	12100	44.9	28.2	5.44	6000	6.3	156.3	31.02	3.2	3800	173	0.00359	35.9	7.18
6948000	260999	M36/349	Mercury	4000605	4.2	0.0042	0.006	8900	157.2	30.8	2.2	2100	10.9	138.3	30.49	3.62	1400	281	0.00406	40.6	8.14
6948003	261055	M36/349	Mercury	4000606	1.3	0.0013	0.012	9600	13.8	24.2	0.36	1700	8.5	116.6	23.49	2.78	1300	254	0.00292	29.2	6.08
6948002	261100	M36/349	Mercury	4000607	1.7	0.0017	0.014	10200	33.6	33.4	0.52	3200	5.5	156.3	18.56	3.02	2400	269	0.00188	18.8	7.9
6947998	261151	M36/349	Mercury	4000608	2	0.002	0.012	10600	5.8	32.2	0.5	5100	5	136	19.37	2.78	2500	238	0.00173	17.3	6.74
6948001	261200	M36/349	Mercury	4000609	1.2	0.0012	0.009	5900	4.5	21.6	0.37	1300	4.8	113.4	16.6	2.76	800	248	0.00131	13.1	5.86
6947998	261251	M36/349	Mercury	4000611	0.4	0.0004	0.007	6100	4	9.6	0.33	400	3.5	117.6	15.63	2.78	500	95	0.00107	10.7	5.67
6947999	261299	M36/349	Mercury	4000612	0.5	0.0005	0.006	8600	4.4	9.1	0.34	400	3.9	121.9	18.56	3.06	400	121	0.00123	12.3	7.1
6947998	261350	M36/349	Mercury	4000613	1.6	0.0016	0.007	8200	3.9	9.8	0.4	300	3.3	138.8	18.07	3.02	400	93	0.00123	12.3	6.47
6948001	261400	M36/349	Mercury	4000614	2.4	0.0024	0.008	7600	4.6	17.4	0.31	500	2.9	144.6	15.84	2.8	500	75	0.00138	13.8	6.35
6948000	261451	M36/349	Mercury	4000615	1.4	0.0014	0.008	8100	5.7	60.9	0.37	500	9.2	122.5	17.65	3.07	600	452	0.00139	13.9	6.28
6947999	261503	M36/349	Mercury	4000616	1.5	0.0015	0.007	9300	5.3	42.5	0.31	1800	9	118.1	19.05	3.13	2000	689	0.00178	17.8	8.45
6948002	261548	M36/349	Mercury	4000617	0.4	0.0004	0.009	7700	4.5	14.4	0.33	400	7.9	140.1	20.46	3.32	600	301	0.00156	15.6	8.52
6948196	260503	M36/349	Mercury	4000634	13.5	0.0135	0.045	15600	2.1	29.3	0.88	3900	15.3	111.2	95.83	3.61	2500	345	0.00294	29.4	3.18
6948197	260554	M36/349	Mercury	4000636	3.8	0.0038	0.031	14000	2.9	37.7	0.28	2400	15.1	131.2	79.5	4.08	2400	378	0.00315	31.5	4.35
6948200	260604	M36/349	Mercury	4000637	2.2	0.0022	0.027	13500	2.9	36.3	0.22	3200	16.2	122.4	53.55	3.94	1400	428	0.00274	27.4	4.88
6948197	260650	M36/349	Mercury	4000638	4.4	0.0044	0.026	13000	5.1	31.8	1.83	2400	13.4	137.5	38.18	3.62	2200	286	0.00527	52.7	7.36
6948198	260699	M36/349	Mercury	4000639	2	0.002	0.021	10100	4.1	32.3	0.24	1800	9.5	103.5	28.03	2.93	1500	274	0.00278	27.8	7
6948199	260750	M36/349	Mercury	4000640	1.4	0.0014	0.021	9200	3.4	37.1	0.3	1300	9.7	92.4	26.02	2.69	1700	269	0.00204	20.4	10.27
6948200	260800	M36/349	Mercury	4000641	1.5	0.0015	0.015	8200	2.9	28.2	0.27	1800	9.2	108.4	23.17	2.72	1800	211	0.00221	22.1	6.42
6948201	260851	M36/349	Mercury	4000642	1.8	0.0018	0.019	10300	4.1	40	0.37	2500	11	119.8	34.73	3.01	2000	289	0.00282	28.2	6.72
6948204	260905	M36/349	Mercury	4000643	5.3	0.0053	0.018	9800	81.7	57.6	0.97	5600	10.4	173.6	31.04	3.19	2500	252	0.00435	43.5	7.52
6948201	260953	M36/349	Mercury	4000644	3	0.003	0.065	9900	33.3	41.6	0.42	21700	6.7	111.7	28.77	2.92	7800	276	0.00303	30.3	31.41
6948202	261000	M36/349	Mercury	4000645	2.3	0.0023	0.009	8000	6.7	10	0.28	1200	6.1	106.2	17.61	2.83	800	109	0.00122	12.2	7.74
6948201	261053	M36/349	Mercury	4000646	100.2	0.1002	0.055	6700	5	28	0.34	500	8.5	118.9	17.13	2.81	600	373	0.00112	11.2	6.48
6948198	261101	M36/349	Mercury	4000647	2.3	0.0023	0.007	10100	6.6	301.5	0.38	400	6	96.6	17.44	3.48	400	308	0.00103	10.3	8.64
6948199	261150	M36/349	Mercury	4000648	1.3	0.0013	0.011	10100	4.7	249	0.3	500	18.7	93.6	22.22	3.63	500	1360	0.0013	13	8.73
6948200	261198	M36/349	Mercury	4000649	2.9	0.0029	0.019	10500	4.8	305.8	0.3	800	24.8	99.2	29.64	3.93	900	1768	0.00393	39.3	9.27
6948200	261198	M36/349	Mercury	4000650	3.5	0.0035	0.021	9800	4.9	408.7	0.3	700	21.7	103.7	26.3	3.71	800	1321	0.00306	30.6	9.19
6948201	261251	M36/349	Mercury	4000651	2.4	0.0024	0.015	11800	4.8	105.8	0.3	700	21.3	106.9	30.53	4.1	900	1306	0.00274	27.4	8.87
6948200	261302	M36/349	Mercury	4000652	2.2	0.0022	0.012	11100	4.8	38.6	0.39	500	15.7	108.2	26.08	3.71	500	677	0.00171	17.1	8.09
6948197	261351	M36/349	Mercury	4000653	1.2	0.0012	0.01	10900	4.5	14.4	0.33	300	9.7	112.3	23.32	3.6	400	405	0.00134	13.4	9.04
6948200	261401	M36/349	Mercury	4000654	3.5	0.0035	0.011	12100	4.5	36.7	0.31	400	10.3	110.6	27.39	3.72	400	355	0.00151	15.1	7.87

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_pct	Ni_ppm	Pb_ppm
6948199	261452	M36/349	Mercury	4000655	1.8	0.0018	0.012	11200	4.8	89	0.32	600	18.6	107	27.48	3.99	600	1118	0.00216	21.6	8.73
6948198	261499	M36/349	Mercury	4000656	3.7	0.0037	0.013	11100	4.9	37.5	0.34	400	11.3	116.6	26.27	3.63	500	393	0.00176	17.6	7.73
6948200	261552	M36/349	Mercury	4000657	3.7	0.0037	0.017	12400	4.8	97.8	0.32	800	17.9	107.2	33.46	4.09	1000	973	0.00294	29.4	7.79
6948400	259799	M36/349	Mercury	4000658	1.9	0.0019	0.04	13500	3.3	34.3	0.16	2500	15.4	92.6	78.39	4.2	1800	420	0.00228	22.8	4.1
6948401	259849	M36/349	Mercury	4000659	1	0.001	0.034	12200	3.4	36.2	0.18	1600	17.9	99.5	59.53	4.46	1400	628	0.0021	21	5.18
6948398	259900	M36/349	Mercury	4000661	1	0.001	0.03	11900	2.8	38.7	0.17	2300	12.6	85.5	52.81	3.91	1500	448	0.00165	16.5	4.4
6948388	259954	M36/349	Mercury	4000662	1.3	0.0013	0.027	11800	3.3	26.7	0.2	1300	13.5	113.3	42.77	3.75	1000	503	0.00199	19.9	5.36
6948378	260012	M36/349	Mercury	4000663	1.5	0.0015	0.031	13300	3.9	39.3	0.24	1600	14.9	126.8	45.48	4.25	1200	540	0.00271	27.1	8.32
6948383	260058	M36/349	Mercury	4000664	2	0.002	0.037	12400	3.1	34.9	0.22	1700	14.4	114.8	53.31	3.83	1400	477	0.00247	24.7	6.32
6948387	260103	M36/349	Mercury	4000665	5.1	0.0051	0.03	14400	3.4	47.8	0.18	2400	16.5	110.4	64.18	3.87	1700	477	0.00263	26.3	5.29
6948392	260154	M36/349	Mercury	4000666	4.6	0.0046	0.03	16500	3.8	40.9	0.2	2300	21.5	122.6	58.09	4.28	1500	514	0.0037	37	5.57
6948395	260205	M36/349	Mercury	4000667	4	0.004	0.031	13500	3.6	34.7	0.2	1900	13.8	116.7	52.78	3.85	1500	393	0.00279	27.9	5.47
6948403	260251	M36/349	Mercury	4000668	3.8	0.0038	0.033	12600	3.2	36.3	0.2	2100	12.4	108.3	52.21	3.93	2000	371	0.00255	25.5	5.61
6948404	260305	M36/349	Mercury	4000669	19.4	0.0194	0.046	14500	3.5	61	0.23	32600	13.5	101.7	75.62	3.53	3100	358	0.00308	30.8	5.26
6948403	260353	M36/349	Mercury	4000670	1.8	0.0018	0.019	11400	3	33.7	0.23	1300	12.1	119.3	38.43	3.76	1100	450	0.00219	21.9	5.25
6948399	260399	M36/349	Mercury	4000671	0.8	0.0008	0.014	12300	3	26.5	0.23	1100	13.5	117	38.01	3.7	1100	451	0.00234	23.4	5.39
6948398	260453	M36/349	Mercury	4000672	1.7	0.0017	0.024	11900	2.8	29.1	0.17	1800	11.9	127.1	49.12	3.63	1500	305	0.00255	25.5	4.51
6948397	260501	M36/349	Mercury	4000673	3.1	0.0031	0.013	6700	2.9	24.6	0.21	1000	10.7	101.9	30.09	3.75	800	430	0.0014	14	5.75
6948400	260549	M36/349	Mercury	4000674	1.9	0.0019	0.015	7100	2.8	33.1	0.21	1800	10.1	101.5	27.02	3.61	700	401	0.00141	14.1	5.89
6948400	260549	M36/349	Mercury	4000675	1.7	0.0017	0.013	7200	2.9	30.2	0.2	2000	10.5	101.5	27.98	3.56	700	409	0.00143	14.3	6.07
6948397	260605	M36/349	Mercury	4000676	2.7	0.0027	0.024	8600	2.9	51.2	0.19	18800	7.4	102.6	31.85	2.86	2300	233	0.00205	20.5	5.39
6948400	260651	M36/349	Mercury	4000677	3.8	0.0038	0.015	6200	6.4	24.7	0.29	900	6.9	88.9	30.54	2.91	500	217	0.00155	15.5	8.07
6948401	260702	M36/349	Mercury	4000678	3.2	0.0032	0.017	8400	3.7	157.9	0.25	800	9.5	91.9	28.49	3.51	1300	422	0.00145	14.5	6.71
6948398	260751	M36/349	Mercury	4000679	2.9	0.0029	0.014	8900	4	39.2	0.26	2000	11.5	102.1	33.7	3.78	1200	440	0.00212	21.2	6.15
6948401	260799	M36/349	Mercury	4000680	7.9	7.90E-03	0.022	13800	3	52	0.29	6600	14.5	95.7	53.92	4.01	4000	378	0.00304	30.4	4.2
6948402	260853	M36/349	Mercury	4000681	3.4	0.0034	0.021	11200	2.8	49.6	0.3	7200	11.6	104.1	28.53	3.27	4400	367	0.00236	23.6	5.53
6948401	260901	M36/349	Mercury	4000682	2.2	0.0022	0.012	8600	12.4	460.1	0.3	600	20.4	104.1	26.79	3.95	500	797	0.00156	15.6	6.43
6948402	260952	M36/349	Mercury	4000683	3.3	0.0033	0.009	8400	4.9	36.9	0.28	700	15	100.7	22.81	4.05	500	675	0.00122	12.2	7.65
6948398	261003	M36/349	Mercury	4000684	0.9	0.0009	0.015	6800	3.7	51.1	0.24	500	12.6	92.5	24.57	3.78	600	825	0.00173	17.3	7.01
6948401	261059	M36/349	Mercury	4000686	0.9	0.0009	0.015	8500	3.7	56.3	0.23	600	15.1	96	24.03	3.89	700	1084	0.00184	18.4	6.73
6948400	261102	M36/349	Mercury	4000687	1.2	0.0012	0.01	9100	3.8	19.5	0.26	400	14.7	98	20.22	4.24	500	740	0.00128	12.8	7.13
6948400	261151	M36/349	Mercury	4000688	1.3	0.0013	0.013	8600	4.3	52.7	0.28	700	18.1	107.1	26.98	4.31	600	1178	0.00181	18.1	8.21
6948400	261201	M36/349	Mercury	4000689	1.3	0.0013	0.01	8100	3.5	36.4	0.25	400	18.2	94.7	22.05	3.96	400	1270	0.00127	12.7	6.81
6948401	261252	M36/349	Mercury	4000690	2.1	0.0021	0.008	7100	3.9	47.5	0.27	500	11.1	89.3	19.87	3.41	500	492	0.00111	11.1	5.07
6948402	261299	M36/349	Mercury	4000691	2.2	0.0022	0.012	8300	4.1	68.2	0.24	1100	11.2	101.2	24.79	3.78	700	591	0.00181	18.1	6.26
6948397	261352	M36/349	Mercury	4000692	2.2	0.0022	0.011	7900	3.6	24.6	0.24	500	11.8	97	19.53	3.56	500	462	0.00125	12.5	6.06
6948400	261400	M36/349	Mercury	4000693	1.4	0.0014	0.009	6400	3.2	14.2	0.3	500	6.5	104.1	20.99	3.39	400	211	0.00106	10.6	5.4
6948399	261451	M36/349	Mercury	4000694	1.7	0.0017	0.009	7300	3.3	13.7	0.35	500	7.6	106.5	23.82	3.32	500	330	0.00123	12.3	5.54
6948398	261494	M36/349	Mercury	4000695	1.2	0.0012	0.012	6700	3	22.2	0.18	1200	8.1	93.1	28.6	2.99	700	313	0.00123	12.3	3.99
6948434	261547	M36/349	Mercury	4000696	0.8	0.0008	0.018	7200	2.7	26.5	0.17	1200	9	96.4	34.91	3.45	900	309	0.00138	13.8	4.29
6948600	260306	M36/349	Mercury	4000705	1.5	0.0015	0.021	8700	3.2	29.8	0.16	1600	12.1	100.8	41.2	3.94	1000	446	0.00159	15.9	4.39
6948599	260354	M36/349	Mercury	4000706	1	0.001	0.023	8500	2.6	30.7	0.15	1900	10.9	90.5	45.11	3.3	1300	372	0.00154	15.4	3.91
6948596	260397	M36/349	Mercury	4000707	0.8	0.0008	0.016	9100	3.1	25	0.18	1600	10.1	101.9	30.3	3.76	1000	405	0.00166	16.6	5.07
6948599	260451	M36/349	Mercury	4000708	1.2	0.0012	0.011	8600	2.8	14.9	0.2	600	13.6	108	24.83	3.94	500	627	0.00142	14.2	5.93
6948602	260500	M36/349	Mercury	4000709	0.8	0.0008	0.008	7500	3.3	18	0.21	600	14.3	109.4	24.46	3.96	400	721	0.00136	13.6	6.1
6948599	260550	M36/349	Mercury	4000711	2.1	0.0021	0.01	9700	3.5	29.9	0.23	700	19.5	116.1	31.88	4.24	700	772	0.00191	19.1	6.63
6948602	260601	M36/349	Mercury	4000712	1.7	0.0017	0.014	11100	3.9	30.6	0.27	1000	21.2	119.5	49.29	4.98	1200	844	0.00217	21.7	8.67
6948601	260653	M36/349	Mercury	4000713	3	0.003	0.019	11400	4	30.9	0.27	700	20.7	125	41.99	4.65	800	739	0.00186	18.6	8.82
6948601	260701	M36/349	Mercury	4000714	1.7	0.0017	0.012	10700	4.3	24.6	0.31	600	20.7	115	35.17	4.69	800	828	0.00169	16.9	9.16

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pet	Mg_ppm	Mn_ppm	Ni_pet	Ni_ppm	Pb_ppm
6948601	260751	M36/349	Mercury	4000715	2.4	0.0024	0.012	8700	3.3	20	0.28	1000	9.8	97.7	26.26	3.77	900	424	0.00155	15.5	6.49
6948601	260800	M36/349	Mercury	4000716	3.9	0.0039	0.012	12900	3.5	89.8	0.31	26000	5.5	86.8	41.43	3.41	11100	193	0.00241	24.1	3.57
6948605	260849	M36/349	Mercury	4000717	17.5	0.0175	0.014	12200	3.4	122.3	0.4	37300	10.7	92.9	47.4	3.64	7600	169	0.00429	42.9	2.81
6948599	260900	M36/349	Mercury	4000718	6.3	0.0063	0.011	7000	3.9	51.3	0.27	1500	8.3	96.1	24.85	3.49	800	355	0.00154	15.4	5.7
6948602	260951	M36/349	Mercury	4000719	13.3	0.0133	0.01	6700	6.1	74.1	0.33	2600	4	104.7	24.32	3.03	2000	69	0.00095	9.5	2.91
6948610	260994	M36/349	Mercury	4000720	2.5	0.0025	0.008	6700	4.3	38.9	0.26	1700	6.4	100.6	25.26	3.2	1400	221	0.00114	11.4	3.69
6948613	261055	M36/349	Mercury	4000721	0.4	0.0004	0.011	6500	3.5	26.4	0.2	1200	8.5	93.9	31.3	3.3	1000	310	0.00122	12.2	4.03
6948599	261101	M36/349	Mercury	4000722	0.6	0.0006	0.016	8000	3	26.5	0.19	1100	11.8	90.3	34.58	3.54	800	456	0.00143	14.3	4.46
6948602	261144	M36/349	Mercury	4000723	2.7	0.0027	0.019	8200	3	25.7	0.18	1200	9.7	95.8	37.47	3.73	1000	332	0.00152	15.2	4.48
6948603	261189	M36/349	Mercury	4000724	1.4	0.0014	0.016	7700	3.3	28.1	0.17	1500	9.9	102.3	37.53	3.56	1100	324	0.00157	15.7	4.3
6948603	261189	M36/349	Mercury	4000725	0.8	0.0008	0.016	6300	3	21.3	0.16	1100	7.9	98.6	31.46	3.16	800	251	0.00133	13.3	3.94
6948600	261245	M36/349	Mercury	4000726	0.3	0.0003	0.012	6500	3.3	19	0.16	1100	7.1	99.5	28.75	2.89	700	219	0.00129	12.9	3.71
6948592	261296	M36/349	Mercury	4000727	3.1	0.0031	0.013	7600	2.9	24.4	0.16	1300	8.6	89.7	31.18	3.13	900	306	0.00143	14.3	4.07
6948604	261350	M36/349	Mercury	4000728	1.3	0.0013	0.009	8500	3.8	15.9	0.27	600	13.3	100.1	24.24	4.12	500	602	0.00122	12.2	6.58
6948601	261398	M36/349	Mercury	4000729	1.5	0.0015	0.012	9800	4.1	30.6	0.25	500	15	99	24.46	4.45	600	965	0.00162	16.2	7.41
6948602	261452	M36/349	Mercury	4000730	2.1	0.0021	0.012	9200	4.3	34.3	0.24	500	15.3	96.8	23.54	4.08	500	762	0.00142	14.2	6.73
6948598	261503	M36/349	Mercury	4000731	1.1	0.0011	0.01	9400	4.4	47.2	0.25	500	15.9	98.1	23.57	4.26	500	1201	0.00197	19.7	7.62
6948600	261549	M36/349	Mercury	4000732	1.7	0.0017	0.011	8900	4.3	55.3	0.25	800	12.7	93.3	22.44	4.34	800	705	0.00206	20.6	6.88

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Pd_ppm	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6944400	259750	M36/371	Mercury	4000029	-0.01	-0.002	0.01	0.2	0.19	200	17.1
6944400	259800	M36/371	Mercury	4000030	-0.01	-0.002	0.01	0.5	0.19	250	27.8
6944400	259850	M36/371	Mercury	4000031	-0.01	-0.002	-0.02	0.4	0.15	170	27
6944400	259900	M36/371	Mercury	4000032	-0.01	-0.002	0.01	0.6	0.16	190	14.7
6944400	260100	M36/371	Mercury	4000037	-0.01	0.002	-0.02	0.2	0.18	130	16.2
6944400	260150	M36/371	Mercury	4000038	-0.01	-0.002	-0.02	0.3	0.2	180	18.5
6944400	260200	M36/371	Mercury	4000039	-0.01	-0.002	-0.02	0.4	0.2	220	23.3
6944400	260250	M36/371	Mercury	4000040	-0.01	0.003	-0.02	0.4	0.17	180	25.6
6944400	260300	M36/371	Mercury	4000041	-0.01	-0.002	-0.02	0.4	0.18	210	18.3
6944400	260350	M36/371	Mercury	4000042	-0.01	-0.002	-0.02	0.5	0.19	230	17
6944600	259750	M36/371	Mercury	4000043	-0.01	-0.002	-0.02	0.4	0.17	170	30.5
6944600	259800	M36/371	Mercury	4000044	-0.01	-0.002	-0.02	0.4	0.19	200	18
6944600	259850	M36/371	Mercury	4000045	-0.01	-0.002	-0.02	0.4	0.18	210	15.9
6944600	259900	M36/371	Mercury	4000046	-0.01	-0.002	-0.02	0.3	0.19	160	23.9
6944600	259950	M36/371	Mercury	4000047	-0.01	-0.002	0.02	0.3	0.17	200	28.1
6944600	260000	M36/371	Mercury	4000048	-0.01	-0.002	-0.02	0.5	0.18	220	20.8
6944600	260050	M36/371	Mercury	4000049	-0.01	-0.002	-0.02	0.4	0.18	190	20.6
6944600	260050	M36/371	Mercury	4000050	-0.01	-0.002	0.01	0.4	0.17	190	21.9
6944600	260100	M36/371	Mercury	4000051	-0.01	-0.002	0.01	0.2	0.18	190	18.5
6944600	260150	M36/371	Mercury	4000052	-0.01	-0.002	0.01	0.2	0.15	160	27.3
6944600	260200	M36/371	Mercury	4000053	-0.01	-0.002	-0.02	0.2	0.15	150	29.6
6944600	260250	M36/371	Mercury	4000054	-0.01	-0.002	0.01	0.4	0.17	220	18.3
6944600	260300	M36/371	Mercury	4000055	-0.01	-0.002	0.01	0.3	0.18	200	21.9
6944800	259750	M36/371	Mercury	4000057	-0.01	-0.002	0.05	0.5	0.13	290	32.4
6944800	259800	M36/371	Mercury	4000058	-0.01	-0.002	0.01	0.5	0.17	180	22.4
6944800	259850	M36/371	Mercury	4000059	-0.01	-0.002	0.01	0.4	0.18	210	20.4
6944800	259900	M36/371	Mercury	4000061	-0.01	-0.002	0.01	0.4	0.19	210	34.9
6944800	259950	M36/371	Mercury	4000062	-0.01	-0.002	0.02	0.5	0.17	210	27.9
6944800	260000	M36/371	Mercury	4000063	-0.01	-0.002	-0.02	0.2	0.14	240	29.3
6944800	260050	M36/371	Mercury	4000064	-0.01	-0.002	0.05	0.4	0.11	210	29.5
6944800	260100	M36/371	Mercury	4000065	-0.01	0.002	-0.02	0.3	0.14	210	28.1
6944800	260150	M36/371	Mercury	4000066	-0.01	-0.002	-0.02	0.4	0.16	220	19.6
6944800	260200	M36/371	Mercury	4000067	-0.01	-0.002	-0.02	0.4	0.17	200	23
6944800	260300	M36/371	Mercury	4000069	-0.01	-0.002	0.02	0.5	0.18	180	20.7
6944800	260350	M36/371	Mercury	4000070	-0.01	-0.002	0.01	0.5	0.17	240	22.4
6945000	259750	M36/371	Mercury	4000071	-0.01	-0.002	-0.02	0.3	0.21	140	21.8
6945000	259800	M36/371	Mercury	4000072	-0.01	-0.002	-0.02	0.5	0.18	180	18.9
6945000	259850	M36/371	Mercury	4000073	-0.01	0.002	-0.02	0.4	0.19	190	17.3
6945000	259900	M36/371	Mercury	4000074	-0.01	-0.002	-0.02	0.4	0.16	180	20.4
6945000	259900	M36/371	Mercury	4000075	-0.01	-0.002	-0.02	0.3	0.17	180	21.9
6945000	259950	M36/371	Mercury	4000076	-0.01	-0.002	-0.02	0.3	0.17	200	16.7
6945000	260000	M36/371	Mercury	4000077	-0.01	0.002	-0.02	0.2	0.17	270	22.9
6945000	260050	M36/371	Mercury	4000078	-0.01	0.002	-0.02	0.3	0.16	320	21.3
6945000	260100	M36/371	Mercury	4000079	-0.01	0.002	-0.02	0.3	0.23	270	19.8
6945000	260150	M36/371	Mercury	4000080	-0.01	-0.002	-0.02	0.2	0.18	230	17.5
6945000	260200	M36/371	Mercury	4000081	-0.01	-0.002	-0.02	0.3	0.19	290	25
6945000	260250	M36/371	Mercury	4000082	-0.01	0.002	-0.02	0.4	0.2	200	31.2
6945000	260300	M36/371	Mercury	4000083	-0.01	0.003	-0.02	0.5	0.18	270	25.2
6945000	260350	M36/371	Mercury	4000084	-0.01	0.002	-0.02	0.4	0.15	210	24.5

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Pd_ppm	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6945000	260400	M36/371	Mercury	4000086	-0.01	0.002	-0.02	0.3	0.15	170	9.7
6945000	260450	M36/371	Mercury	4000087	-0.01	0.003	0.18	0.7	0.11	90	16.5
6945200	259750	M36/371	Mercury	4000088	-0.01	0.005	-0.02	0.3	0.18	210	36.7
6945200	259800	M36/371	Mercury	4000089	-0.01	-0.002	-0.02	0.2	0.19	160	33
6945200	259850	M36/371	Mercury	4000090	-0.01	0.002	-0.02	0.3	0.19	180	31.2
6945200	259900	M36/371	Mercury	4000091	-0.01	-0.002	-0.02	0.3	0.18	160	30.4
6945200	259950	M36/371	Mercury	4000092	-0.01	-0.002	-0.02	0.2	0.17	240	23.6
6945200	260000	M36/371	Mercury	4000093	-0.01	-0.002	0.01	0.3	0.15	320	35.1
6945200	260050	M36/371	Mercury	4000094	-0.01	0.002	-0.02	0.5	0.14	270	36.7
6945200	260100	M36/371	Mercury	4000095	-0.01	-0.002	-0.02	0.4	0.14	240	29.2
6945200	260150	M36/371	Mercury	4000096	-0.01	-0.002	-0.02	0.4	0.2	240	35.1
6945200	260200	M36/371	Mercury	4000097	-0.01	-0.002	-0.02	0.3	0.13	310	24.1
6945200	260250	M36/371	Mercury	4000098	-0.01	0.002	-0.02	0.2	0.14	230	33.4
6945200	260300	M36/371	Mercury	4000099	-0.01	0.003	-0.02	0.3	0.15	200	35.7
6945200	260350	M36/371	Mercury	4000100	-0.01	0.003	-0.02	0.3	0.13	180	37.3
6945200	260350	M36/371	Mercury	4000101	-0.01	0.004	-0.02	0.3	0.12	170	36.7
6945200	260400	M36/371	Mercury	4000102	-0.01	-0.002	0.01	0.3	0.14	190	20
6945200	260450	M36/371	Mercury	4000103	-0.01	0.002	-0.02	0.3	0.17	190	17.9
6945200	260500	M36/371	Mercury	4000104	-0.01	0.002	-0.02	0.3	0.17	170	11.1
6945200	260550	M36/371	Mercury	4000105							
6945400	259750	M36/371	Mercury	4000106	-0.01	-0.002	-0.02	0.3	0.18	140	15.6
6945400	259800	M36/371	Mercury	4000107	-0.01	-0.002	0.01	0.3	0.14	200	32.7
6945400	259850	M36/371	Mercury	4000108	-0.01	-0.002	-0.02	0.3	0.15	160	35.2
6945400	259900	M36/371	Mercury	4000109	-0.01	-0.002	-0.02	0.3	0.16	180	18.8
6945400	259950	M36/371	Mercury	4000111	-0.01	-0.002	0.03	0.4	0.15	150	22.7
6945400	260000	M36/371	Mercury	4000112	-0.01	-0.002	-0.02	0.4	0.16	100	23.5
6945400	260050	M36/371	Mercury	4000113	-0.01	-0.002	-0.02	0.4	0.18	130	16.6
6945400	260100	M36/371	Mercury	4000114	-0.01	-0.002	-0.02	0.3	0.14	120	20.5
6945400	260150	M36/371	Mercury	4000115	-0.01	-0.002	-0.02	0.3	0.18	140	21.3
6945400	260200	M36/371	Mercury	4000116	-0.01	-0.002	-0.02	0.3	0.19	150	14.3
6945400	260250	M36/371	Mercury	4000117	-0.01	-0.002	-0.02	0.3	0.19	140	14.6
6945400	260300	M36/371	Mercury	4000118	-0.01	-0.002	-0.02	0.3	0.2	160	18.4
6945400	260350	M36/371	Mercury	4000119	-0.01	-0.002	0.03	0.4	0.17	150	32.9
6945400	260400	M36/371	Mercury	4000120	-0.01	-0.002	-0.02	0.3	0.16	210	15.9
6945400	260450	M36/371	Mercury	4000121	-0.01	-0.002	-0.02	0.3	0.18	260	18
6945400	260500	M36/371	Mercury	4000122	-0.01	0.002	0.02	0.4	0.16	260	18.1
6945400	260550	M36/371	Mercury	4000123	-0.01	-0.002	0.01	0.3	0.16	250	15.7
6945400	260600	M36/371	Mercury	4000124	-0.01	-0.002	-0.02	0.3	0.15	240	17.3
6945400	260600	M36/371	Mercury	4000125	-0.01	-0.002	-0.02	0.3	0.14	250	16.4
6945400	260650	M36/371	Mercury	4000126	-0.01	-0.002	-0.02	0.3	0.17	250	16.3
6945400	260700	M36/371	Mercury	4000127	-0.01	-0.002	-0.02	0.3	0.16	270	17.1
6945400	260750	M36/371	Mercury	4000128	-0.01	-0.002	-0.02	0.3	0.14	280	20.3
6945400	260800	M36/371	Mercury	4000129	-0.01	-0.002	-0.02	0.4	0.17	260	16
6945600	259750	M36/371	Mercury	4000130	-0.01	-0.002	0.01	0.4	0.19	190	29.5
6945600	259800	M36/371	Mercury	4000131	-0.01	-0.002	0.01	0.4	0.17	180	22.7
6945600	259850	M36/371	Mercury	4000132	-0.01	-0.002	-0.02	0.4	0.19	210	31.1
6945600	259850	M36/371	Mercury	4000133	-0.01	-0.002	-0.02	0.4	0.2	210	29.7
6945600	259900	M36/371	Mercury	4000134	-0.01	0.002	0.01	0.4	0.17	230	16.5
6945600	259950	M36/371	Mercury	4000136	-0.01	-0.002	0.01	0.4	0.14	240	25.6

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Pd_ppm	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6945600	260000	M36/371	Mercury	4000137	-0.01	-0.002	0.05	0.4	0.18	140	17.9
6945600	260050	M36/371	Mercury	4000138	-0.01	-0.002	-0.02	0.4	0.16	150	11.2
6945600	260100	M36/371	Mercury	4000139	-0.01	-0.002	0.01	0.4	0.15	140	12.2
6945600	260150	M36/371	Mercury	4000140	-0.01	0.002	-0.02	0.3	0.15	140	13
6945600	260200	M36/371	Mercury	4000141	-0.01	-0.002	-0.02	0.3	0.15	150	13.8
6945600	260250	M36/371	Mercury	4000142	-0.01	-0.002	0.01	0.3	0.16	250	22.7
6945600	260300	M36/371	Mercury	4000143	-0.01	0.002	-0.02	0.3	0.18	200	17
6945600	260350	M36/371	Mercury	4000144	-0.01	-0.002	-0.02	0.3	0.14	270	21.3
6945600	260400	M36/371	Mercury	4000145	-0.01	-0.002	-0.02	0.3	0.13	240	17
6945600	260450	M36/371	Mercury	4000146	-0.01	-0.002	-0.02	0.2	0.17	200	14
6945600	260500	M36/371	Mercury	4000147	-0.01	-0.002	-0.02	0.3	0.16	240	19.6
6945600	260550	M36/371	Mercury	4000148	-0.01	0.002	-0.02	0.3	0.16	260	19.2
6945600	260600	M36/371	Mercury	4000149	-0.01	-0.002	0.01	0.4	0.17	210	12.9
6945600	260600	M36/371	Mercury	4000150	-0.01	-0.002	-0.02	0.4	0.17	250	14.6
6945600	260650	M36/371	Mercury	4000151	-0.01	0.002	-0.02	0.4	0.17	210	8.4
6945600	260700	M36/371	Mercury	4000152	-0.01	0.002	-0.02	0.4	0.18	210	9.5
6945600	260750	M36/371	Mercury	4000153	-0.01	0.002	0.01	0.5	0.17	200	8.2
6945600	260800	M36/371	Mercury	4000154	-0.01	-0.002	0.02	0.4	0.16	190	8.7
6945600	260850	M36/371	Mercury	4000155	-0.01	-0.002	0.02	0.4	0.17	200	11.2
6945600	260900	M36/371	Mercury	4000156	-0.01	-0.002	0.02	0.3	0.18	160	13.1
6945600	260950	M36/371	Mercury	4000157	-0.01	0.005	0.01	0.5	0.19	210	10.9
6945810	259750	M36/371	Mercury	4000158	-0.01	0.003	0.02	0.4	0.19	170	22.7
6945800	259813	M36/371	Mercury	4000159	-0.01	-0.002	0.01	0.3	0.19	190	18.4
6945801	259854	M36/371	Mercury	4000161	-0.01	0.002	-0.02	0.4	0.17	160	14.8
6945800	259900	M36/371	Mercury	4000162	-0.01	-0.002	0.03	0.5	0.16	190	15.8
6945801	259953	M36/371	Mercury	4000163	-0.01	-0.002	0.01	0.5	0.18	180	16.7
6945800	260000	M36/371	Mercury	4000164	-0.01	-0.002	0.02	0.5	0.18	170	17.2
6945799	260050	M36/371	Mercury	4000165	-0.01	0.002	-0.02	0.5	0.17	210	13.8
6945795	260102	M36/371	Mercury	4000166	-0.01	-0.002	0.01	0.4	0.14	140	12.3
6945800	260150	M36/371	Mercury	4000167	-0.01	-0.002	0.03	0.4	0.15	180	18.5
6945804	260201	M36/371	Mercury	4000168	-0.01	0.002	-0.02	0.3	0.14	300	19.5
6945803	260247	M36/371	Mercury	4000169	-0.01	-0.002	0.01	0.2	0.14	250	16.7
6945808	260300	M36/371	Mercury	4000170	-0.01	-0.002	0.03	0.2	0.14	250	16.6
6945822	260347	M36/371	Mercury	4000171	-0.01	-0.002	0.01	0.3	0.17	350	28.3
6945816	260400	M36/371	Mercury	4000172	-0.01	-0.002	0.02	0.4	0.16	190	9.4
6945804	260448	M36/371	Mercury	4000173	-0.01	0.003	0.01	0.3	0.19	170	11.5
6945803	260507	M36/371	Mercury	4000174	-0.01	-0.002	0.01	0.3	0.18	160	8.6
6945803	260507	M36/371	Mercury	4000175	-0.01	-0.002	0.01	0.3	0.2	160	9
6945835	260553	M36/371	Mercury	4000176	-0.01	-0.002	-0.02	0.4	0.22	170	11
6945818	260599	M36/371	Mercury	4000177	-0.01	0.002	-0.02	0.4	0.22	190	11.1
6945804	260651	M36/371	Mercury	4000178	-0.01	-0.002	0.01	0.3	0.19	190	8.9
6945801	260702	M36/371	Mercury	4000179	-0.01	-0.002	-0.02	0.3	0.17	200	9.9
6945800	260751	M36/371	Mercury	4000180	-0.01	0.002	-0.02	0.4	0.2	220	12.2
6945799	260799	M36/371	Mercury	4000181	-0.01	0.002	0.01	0.4	0.18	240	14.6
6945800	260847	M36/371	Mercury	4000182	-0.01	-0.002	-0.02	0.2	0.16	190	17.8
6945799	260903	M36/371	Mercury	4000183	-0.01	0.003	-0.02	0.3	0.17	220	22.1
6945799	260952	M36/371	Mercury	4000184	-0.01	0.002	-0.02	0.4	0.15	170	12.2
6946001	259751	M36/371	Mercury	4000186	-0.01	0.002	-0.02	0.3	0.19	190	28.7
6945996	259801	M36/371	Mercury	4000187	-0.01	0.002	-0.02	0.3	0.21	170	17.9

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Pd_ppm	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6945999	259850	M36/371	Mercury	4000188	-0.01	0.003	0.02	0.5	0.23	230	20
6946000	259903	M36/371	Mercury	4000189	-0.01	0.002	0.01	0.1	0.17	140	19.9
6946001	259950	M36/371	Mercury	4000190	-0.01	-0.002	-0.02	0.2	0.15	150	15.3
6946000	260003	M36/371	Mercury	4000191	-0.01	0.002	0.02	0.2	0.14	190	14.9
6945995	260049	M36/371	Mercury	4000192	-0.01	-0.002	0.01	0.2	0.14	230	19.8
6945979	260074	M36/371	Mercury	4000193	-0.01	0.002	0.02	0.1	0.14	260	23.8
6945999	260149	M36/371	Mercury	4000194	-0.01	-0.002	0.01	0.3	0.16	330	23
6946002	260200	M36/371	Mercury	4000195	-0.01	-0.002	0.01	0.2	0.12	240	22.6
6946003	260251	M36/371	Mercury	4000196	-0.01	0.002	0.02	0.5	0.18	310	23.4
6946058	260323	M36/371	Mercury	4000197	-0.01	0.002	0.02	0.3	0.12	190	15.9
6946073	260355	M36/371	Mercury	4000198	-0.01	-0.002	0.02	0.4	0.17	300	16.6
6946080	260405	M36/371	Mercury	4000199	-0.01	0.002	-0.02	0.5	0.2	280	17.5
6946080	260405	M36/371	Mercury	4000200	-0.01	0.002	0.01	0.5	0.17	260	17.8
6946012	260451	M36/371	Mercury	4000201	-0.01	-0.002	-0.02	0.5	0.2	280	16.8
6946000	260500	M36/371	Mercury	4000202	-0.01	-0.002	-0.02	0.5	0.17	260	12.7
6946000	260551	M36/371	Mercury	4000203	-0.01	-0.002	0.01	0.4	0.14	220	14
6945999	260602	M36/371	Mercury	4000204	-0.01	-0.002	-0.02	0.3	0.17	170	15.3
6945998	260653	M36/371	Mercury	4000205	-0.01	0.002	-0.02	0.4	0.19	190	11.4
6945995	260695	M36/371	Mercury	4000206	-0.01	-0.002	-0.02	0.3	0.19	200	17.5
6945996	260749	M36/371	Mercury	4000207	-0.01	0.002	-0.02	0.3	0.16	190	15.7
6946003	260800	M36/371	Mercury	4000208	-0.01	-0.002	-0.02	0.3	0.19	210	17.1
6946000	260853	M36/371	Mercury	4000209	-0.01	0.002	-0.02	0.4	0.21	250	12.4
6945999	260902	M36/371	Mercury	4000211	-0.01	0.002	-0.02	0.5	0.17	180	10.6
6946000	260950	M36/371	Mercury	4000212	-0.01	-0.002	0.01	0.6	0.18	200	10.6
6946001	261002	M36/371	Mercury	4000213	-0.01	0.002	0.01	0.6	0.19	210	13.7
6945996	261037	M36/371	Mercury	4000214	-0.01	0.003	0.02	0.5	0.19	270	16.8
6946198	259750	M36/371	Mercury	4000226	-0.01	-0.002	0.01	0.3	0.16	230	29.7
6946197	259801	M36/371	Mercury	4000227	-0.01	-0.002	0.01	0.4	0.15	340	29.3
6946206	259859	M36/371	Mercury	4000228	-0.01	-0.002	0.05	0.4	0.13	220	25.2
6946207	260190	M36/371	Mercury	4000236	-0.01	-0.002	0.04	0.4	0.11	140	21.6
6946201	260253	M36/371	Mercury	4000237	-0.01	-0.002	-0.02	0.5	0.18	180	14.6
6946201	260290	M36/371	Mercury	4000238	-0.01	0.002	0.05	0.3	0.12	110	24
6946201	260353	M36/371	Mercury	4000239	-0.01	-0.002	0.03	0.5	0.18	220	16.3
6946200	260402	M36/371	Mercury	4000240	-0.01	-0.002	0.02	0.1	0.1	70	9.9
6946199	260453	M36/371	Mercury	4000241	-0.01	-0.002	0.04	0.3	0.1	130	8.6
6946202	260498	M36/371	Mercury	4000242	-0.01	-0.002	0.02	0.2	0.14	130	10.2
6946203	260551	M36/371	Mercury	4000243	-0.01	0.002	0.03	0.2	0.15	110	23.8
6946202	260605	M36/371	Mercury	4000244	-0.01	-0.002	-0.02	0.3	0.16	180	14.7
6946199	260648	M36/371	Mercury	4000245	-0.01	-0.002	0.01	0.3	0.15	190	15.7
6946204	260700	M36/371	Mercury	4000246	-0.01	-0.002	-0.02	0.3	0.17	220	16.3
6946203	260756	M36/371	Mercury	4000247	-0.01	0.002	-0.02	0.4	0.16	210	15.9
6946210	260804	M36/371	Mercury	4000248	-0.01	-0.002	0.01	0.5	0.15	180	10
6946207	260857	M36/371	Mercury	4000249	-0.01	0.002	0.03	0.5	0.19	170	7.2
6946207	260857	M36/371	Mercury	4000250	-0.01	0.002	0.02	0.6	0.18	160	6
6946202	260908	M36/371	Mercury	4000251	-0.01	0.003	-0.02	0.7	0.21	190	6.9
6946203	260952	M36/371	Mercury	4000252	-0.01	0.003	0.01	0.4	0.16	210	14.9
6946202	260995	M36/371	Mercury	4000253	-0.01	0.002	0.01	0.5	0.18	260	12.6
6946200	261046	M36/371	Mercury	4000254	-0.01	-0.002	0.01	0.5	0.19	240	12.4
6946398	259751	M36/371	Mercury	4000266	-0.01	0.003	-0.02	0.4	0.16	330	20.9

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Pd_ppm	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6946399	259801	M36/371	Mercury	4000267	-0.01	0.002	-0.02	0.3	0.19	290	20.6
6946400	259847	M36/371	Mercury	4000268	-0.01	0.002	-0.02	0.5	0.18	250	20.1
6946403	259900	M36/371	Mercury	4000269	-0.01	-0.002	-0.02	0.5	0.2	230	18
6946398	259949	M36/371	Mercury	4000270	-0.01	-0.002	0.01	0.5	0.19	230	13.5
6946399	260002	M36/371	Mercury	4000271	-0.01	-0.002	-0.02	0.5	0.17	240	14
6946396	260038	M36/371	Mercury	4000272	-0.01	-0.002	0.02	0.4	0.17	250	12.9
6946399	260102	M36/371	Mercury	4000273	-0.01	0.002	0.03	0.2	0.14	100	18.9
6946400	260150	M36/371	Mercury	4000274	-0.01	0.002	0.01	0.3	0.15	160	11.5
6946400	260150	M36/371	Mercury	4000275	-0.01	-0.002	0.01	0.2	0.16	170	10.6
6946399	260193	M36/371	Mercury	4000276	-0.01	-0.002	0.02	0.3	0.14	110	16.7
6946402	260240	M36/371	Mercury	4000277	-0.01	-0.002	0.02	0.4	0.14	190	7.9
6946397	260292	M36/371	Mercury	4000278	-0.01	-0.002	0.02	0.5	0.14	190	11
6946402	260352	M36/371	Mercury	4000279	-0.01	-0.002	0.01	0.7	0.15	190	10.9
6946398	260399	M36/371	Mercury	4000280	-0.01	-0.002	0.02	0.6	0.15	150	12.7
6946402	260440	M36/371	Mercury	4000281	-0.01	-0.002	0.02	0.4	0.12	120	8.2
6946400	260504	M36/371	Mercury	4000282	-0.01	-0.002	0.01	0.5	0.14	170	13
6946393	260552	M36/371	Mercury	4000283	-0.01	-0.002	0.01	0.1	0.15	140	15.3
6946396	260599	M36/371	Mercury	4000284	-0.01	-0.002	-0.02	0.4	0.17	170	16.1
6946395	260650	M36/371	Mercury	4000286	-0.01	-0.002	0.02	0.3	0.16	190	16.2
6946396	260700	M36/371	Mercury	4000287	-0.01	-0.002	-0.02	0.4	0.16	200	12.8
6946401	260748	M36/371	Mercury	4000288	-0.01	-0.002	0.02	0.4	0.14	110	10.9
6946402	260800	M36/371	Mercury	4000289	-0.01	0.002	0.02	0.5	0.17	110	13.9
6946405	260850	M36/371	Mercury	4000290	-0.01	-0.002	0.02	0.5	0.19	130	11.9
6946406	260901	M36/371	Mercury	4000291	-0.01	0.002	0.04	0.7	0.15	160	16.6
6946399	260947	M36/371	Mercury	4000292	-0.01	-0.002	0.01	0.7	0.15	140	10
6946400	260999	M36/371	Mercury	4000293	-0.01	0.002	0.02	0.6	0.19	200	9.5
6946395	261047	M36/371	Mercury	4000294	-0.01	-0.002	0.03	0.5	0.17	190	8.6
6946401	261353	M36/371	Mercury	4000301	-0.01	-0.002	0.02	0.4	0.17	240	24.5
6946399	261401	M36/371	Mercury	4000302	-0.01	-0.002	0.01	0.5	0.17	250	24.2
6946400	261451	M36/371	Mercury	4000303	-0.01	-0.002	-0.02	0.4	0.21	230	19.2
6946399	261500	M36/371	Mercury	4000304	-0.01	-0.002	0.01	0.4	0.19	240	21.8
6946402	261553	M36/371	Mercury	4000305	-0.01	-0.002	-0.02	0.6	0.2	210	26.6
6946601	259747	M36/371	Mercury	4000306	-0.01	-0.002	0.02	0.2	0.15	150	28.2
6946600	259800	M36/371	Mercury	4000307	-0.01	-0.002	0.01	0.3	0.13	160	27
6946597	259850	M36/371	Mercury	4000308	-0.01	0.003	-0.02	0.4	0.2	220	18.5
6946597	259897	M36/371	Mercury	4000309	-0.01	-0.002	0.01	0.6	0.21	260	22.5
6946599	259952	M36/371	Mercury	4000311	-0.01	-0.002	-0.02	0.4	0.19	240	15.5
6946591	260003	M36/371	Mercury	4000312	-0.01	-0.002	-0.02	0.3	0.19	220	15.6
6946601	260050	M36/371	Mercury	4000313	-0.01	-0.002	-0.02	0.3	0.18	190	17.3
6946601	260103	M36/371	Mercury	4000314	-0.01	-0.002	-0.02	0.4	0.17	180	15.9
6946601	260149	M36/371	Mercury	4000315	-0.01	-0.002	0.01	0.4	0.16	80	26.5
6946601	260502	M36/371	Mercury	4000322	-0.01	-0.002	-0.02	0.4	0.19	270	16.4
6946596	260551	M36/371	Mercury	4000323	-0.01	0.002	-0.02	0.2	0.17	210	19.7
6946601	260602	M36/371	Mercury	4000324	-0.01	-0.002	0.02	0.2	0.19	210	15.1
6946601	260602	M36/371	Mercury	4000325	-0.01	-0.002	0.01	0.3	0.18	200	13.7
6946602	260650	M36/371	Mercury	4000326	-0.01	0.005	-0.02	0.4	0.24	220	12.2
6946599	260699	M36/371	Mercury	4000327	-0.01	-0.002	-0.02	0.4	0.19	180	10.2
6946598	260750	M36/371	Mercury	4000328	-0.01	-0.002	-0.02	0.4	0.18	190	13.2
6946590	260800	M36/371	Mercury	4000329	-0.01	-0.002	0.01	0.3	0.18	200	13.2

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Pd_ppm	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6946598	260844	M36/371	Mercury	4000330	-0.01	-0.002	-0.02	0.5	0.21	240	24.7
6946600	260902	M36/371	Mercury	4000331	-0.01	-0.002	0.01	0.9	0.19	210	21.3
6946599	260958	M36/371	Mercury	4000332	-0.01	-0.002	-0.02	0.5	0.22	240	18.2
6946600	261002	M36/371	Mercury	4000333	-0.01	-0.002	0.01	0.7	0.19	240	15.2
6946595	261057	M36/371	Mercury	4000334	-0.01	-0.002	-0.02	0.5	0.21	250	19.3
6946604	261205	M36/371	Mercury	4000338	-0.01	-0.002	0.02	0.4	0.17	150	19.8
6946599	261249	M36/371	Mercury	4000339	-0.01	-0.002	-0.02	0.5	0.16	190	15.2
6946600	261300	M36/371	Mercury	4000340	-0.01	-0.002	0.01	0.4	0.18	130	26.1
6946601	261351	M36/371	Mercury	4000341	-0.01	-0.002	-0.02	0.4	0.17	180	14.9
6946597	261406	M36/371	Mercury	4000342	-0.01	-0.002	-0.02	0.4	0.18	170	16.7
6946599	261452	M36/371	Mercury	4000343	-0.01	0.002	-0.02	0.5	0.19	190	17.2
6946598	261503	M36/371	Mercury	4000344	-0.01	-0.002	-0.02	0.4	0.18	190	18.5
6946599	261547	M36/371	Mercury	4000345	-0.01	0.002	-0.02	0.6	0.16	200	18
6946801	259753	M36/371	Mercury	4000346	-0.01	0.003	-0.02	0.5	0.16	260	12.8
6946802	259800	M36/371	Mercury	4000347	-0.01	0.003	0.01	0.4	0.19	170	19.4
6946799	259852	M36/371	Mercury	4000348	-0.01	0.003	0.01	0.2	0.16	110	20.5
6946796	259900	M36/371	Mercury	4000349	-0.01	0.004	0.01	0.4	0.17	190	17.4
6946796	259900	M36/371	Mercury	4000350	-0.01	0.003	0.01	0.4	0.19	190	16.9
6946799	259948	M36/371	Mercury	4000351	-0.01	0.003	0.01	0.2	0.16	200	16.3
6946804	259999	M36/371	Mercury	4000352	-0.01	0.006	-0.02	0.2	0.14	210	21.6
6946806	260043	M36/371	Mercury	4000353	-0.01	0.002	0.01	0.1	0.13	160	22.4
6946796	260099	M36/371	Mercury	4000354	-0.01	0.002	0.02	0.2	0.16	170	14.4
6946794	260147	M36/371	Mercury	4000355	-0.01	0.003	0.04	0.4	0.1	110	20.4
6946802	260193	M36/371	Mercury	4000356	-0.01	0.003	0.03	0.4	0.11	140	24.9
6946799	260252	M36/371	Mercury	4000357	-0.01	0.002	-0.02	0.3	0.14	200	20.6
6946798	260302	M36/371	Mercury	4000358	-0.01	-0.002	0.04	0.4	0.16	170	27.1
6946799	260349	M36/371	Mercury	4000359	-0.01	-0.002	-0.02	0.3	0.16	120	21
6946797	260406	M36/371	Mercury	4000361	-0.01	0.002	0.01	0.2	0.15	200	25.3
6946800	260450	M36/371	Mercury	4000362	-0.01	0.002	0.01	0.3	0.18	150	33.9
6946795	260496	M36/371	Mercury	4000363	-0.01	0.002	0.01	0.3	0.21	120	18.3
6946801	260547	M36/371	Mercury	4000364	-0.01	-0.002	0.03	0.3	0.16	130	12.7
6946787	260589	M36/371	Mercury	4000365	-0.01	-0.002	-0.02	0.2	0.14	160	13.2
6946802	260651	M36/371	Mercury	4000366	-0.01	-0.002	0.02	0.5	0.18	220	21.5
6946795	260694	M36/371	Mercury	4000367	-0.01	-0.002	0.01	0.2	0.16	100	17.7
6946802	260750	M36/371	Mercury	4000368	-0.01	0.002	0.02	0.5	0.16	110	20.8
6946801	260794	M36/371	Mercury	4000369	-0.01	0.002	0.01	0.3	0.16	150	19.2
6946798	260850	M36/371	Mercury	4000370	-0.01	-0.002	-0.02	0.3	0.16	160	22.2
6946803	260899	M36/371	Mercury	4000371	-0.01	-0.002	-0.02	0.4	0.18	200	18.1
6946802	260952	M36/371	Mercury	4000372	-0.01	0.002	0.01	0.3	0.18	210	20.1
6946799	261000	M36/371	Mercury	4000373	-0.01	-0.002	0.02	0.4	0.18	260	32.4
6946802	261049	M36/371	Mercury	4000374	-0.01	-0.002	0.01	0.3	0.16	280	21.9
6946802	261049	M36/371	Mercury	4000375	-0.01	-0.002	0.01	0.2	0.17	270	21.2
6946805	261107	M36/371	Mercury	4000376	-0.01	0.002	0.01	0.3	0.16	170	31.3
6946798	261150	M36/371	Mercury	4000377	-0.01	0.002	0.04	0.4	0.19	230	20.3
6946799	261197	M36/349	Mercury	4000378	-0.01	-0.002	0.02	0.4	0.2	220	20.7
6946800	261248	M36/349	Mercury	4000379	-0.01	-0.002	0.02	0.6	0.18	220	21.2
6946803	261298	M36/349	Mercury	4000380	-0.01	-0.002	0.04	0.3	0.15	140	30.4
6946804	261352	M36/349	Mercury	4000381	-0.01	-0.002	0.04	0.4	0.17	180	17.2
6946801	261398	M36/349	Mercury	4000382	-0.01	0.002	0.01	0.4	0.17	210	20.9

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Pd_ppm	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6946799	261448	M36/349	Mercury	4000383	-0.01	-0.002	0.02	0.4	0.16	210	23.7
6946796	261497	M36/349	Mercury	4000384	-0.01	0.002	0.02	0.3	0.16	200	14.3
6946799	261548	M36/349	Mercury	4000386	-0.01	0.002	0.01	0.3	0.19	260	26.4
6946998	259901	M36/371	Mercury	4000390	-0.01	0.003	0.01	0.3	0.16	280	16.3
6947000	259947	M36/371	Mercury	4000391	-0.01	0.004	0.01	0.2	0.14	270	19
6947001	259996	M36/371	Mercury	4000392	-0.01	0.005	0.01	0.4	0.16	230	19.5
6946991	260046	M36/371	Mercury	4000393	-0.01	0.002	-0.02	0.4	0.16	240	22.4
6946998	260099	M36/371	Mercury	4000394	-0.01	0.002	0.01	0.4	0.15	280	20.2
6946997	260153	M36/371	Mercury	4000395	-0.01	0.002	-0.02	0.4	0.16	340	19.2
6946998	260201	M36/371	Mercury	4000396	-0.01	-0.002	0.02	0.7	0.17	310	21.8
6947001	260257	M36/371	Mercury	4000397	-0.01	-0.002	0.01	0.4	0.16	210	25.6
6947002	260304	M36/371	Mercury	4000398	-0.01	-0.002	0.02	0.4	0.16	280	27.5
6946999	260355	M36/371	Mercury	4000399	-0.01	0.002	0.02	0.3	0.2	240	26.7
6946999	260355	M36/371	Mercury	4000400	-0.01	0.002	0.01	0.2	0.13	200	26.1
6946996	260400	M36/371	Mercury	4000401	0.011	0.003	0.05	0.5	0.13	120	17.7
6947003	260449	M36/371	Mercury	4000402	-0.01	0.003	0.01	0.5	0.17	230	19
6946998	260497	M36/371	Mercury	4000403	-0.01	0.002	-0.02	0.6	0.17	200	21.9
6947001	260545	M36/371	Mercury	4000404	-0.01	0.002	0.01	0.5	0.17	150	28.6
6947000	260602	M36/371	Mercury	4000405	-0.01	0.003	-0.02	0.6	0.17	270	20
6947003	260658	M36/371	Mercury	4000406	-0.01	0.002	-0.02	0.4	0.17	290	24.4
6946998	260701	M36/371	Mercury	4000407	-0.01	0.002	0.01	0.4	0.17	330	23.9
6946998	260751	M36/371	Mercury	4000408	-0.01	0.002	0.01	0.4	0.17	270	22.9
6947002	260798	M36/371	Mercury	4000409	-0.01	0.003	-0.02	0.3	0.15	280	25.2
6947000	260849	M36/371	Mercury	4000411	-0.01	0.003	0.01	0.3	0.15	270	29.2
6946997	260904	M36/371	Mercury	4000412	-0.01	-0.002	0.01	0.2	0.14	240	23.5
6947000	260950	M36/371	Mercury	4000413	-0.01	0.002	0.02	0.4	0.15	210	23.9
6947001	261001	M36/371	Mercury	4000414	-0.01	-0.002	0.03	0.4	0.17	250	21.5
6946994	261050	M36/371	Mercury	4000415	-0.01	-0.002	0.02	0.4	0.17	200	33.1
6947001	261105	M36/371	Mercury	4000416	-0.01	-0.002	0.01	0.4	0.18	200	26.4
6946998	261151	M36/371	Mercury	4000417	-0.01	-0.002	-0.02	0.5	0.16	210	19.2
6947001	261198	M36/349	Mercury	4000418	-0.01	-0.002	0.01	0.3	0.17	190	19.8
6947002	261251	M36/349	Mercury	4000419	-0.01	-0.002	0.02	0.4	0.17	160	19.7
6946999	261301	M36/349	Mercury	4000420	-0.01	-0.002	-0.02	0.4	0.2	200	19.7
6947000	261350	M36/349	Mercury	4000421	-0.01	-0.002	0.01	0.4	0.19	180	22.5
6946999	261399	M36/349	Mercury	4000422	-0.01	-0.002	-0.02	0.4	0.2	200	25.4
6947000	261449	M36/349	Mercury	4000423	-0.01	-0.002	-0.02	0.2	0.17	200	16.5
6946998	261501	M36/349	Mercury	4000424	-0.01	-0.002	0.01	0.3	0.18	200	22.9
6946998	261501	M36/349	Mercury	4000425	-0.01	-0.002	-0.02	0.3	0.16	240	23.4
6947002	261552	M36/349	Mercury	4000426	-0.01	-0.002	-0.02	0.4	0.16	200	16.5
6947210	260063	M36/371	Mercury	4000433	-0.01	0.003	-0.02	0.3	0.11	360	14.1
6947203	260100	M36/371	Mercury	4000434	-0.01	0.003	-0.02	0.3	0.15	340	16.6
6947198	260141	M36/371	Mercury	4000436	-0.01	0.002	0.01	0.4	0.16	380	24
6947199	260198	M36/371	Mercury	4000437	-0.01	0.003	-0.02	0.3	0.15	330	18.7
6947196	260246	M36/371	Mercury	4000438	-0.01	-0.002	0.02	0.2	0.16	220	24.7
6947201	260300	M36/371	Mercury	4000439	-0.01	-0.002	0.01	0.5	0.2	320	34.8
6947200	260347	M36/371	Mercury	4000440	-0.01	0.002	0.01	0.6	0.2	380	26.3
6947196	260401	M36/371	Mercury	4000441	-0.01	0.002	-0.02	0.5	0.2	280	25.3
6947201	260452	M36/371	Mercury	4000442	-0.01	-0.002	-0.02	0.7	0.21	310	24.3
6947201	260501	M36/371	Mercury	4000443	-0.01	0.002	-0.02	0.8	0.19	320	29.5

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Pd_ppm	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6947201	260549	M36/371	Mercury	4000444	-0.01	-0.002	-0.02	0.6	0.19	330	23.1
6947198	260602	M36/371	Mercury	4000445	-0.01	-0.002	-0.02	0.4	0.18	340	21.9
6947201	260651	M36/371	Mercury	4000446	-0.01	-0.002	-0.02	0.3	0.17	260	20.3
6947202	260697	M36/371	Mercury	4000447	-0.01	0.003	-0.02	0.3	0.17	360	28.3
6947203	260750	M36/371	Mercury	4000448	-0.01	0.003	-0.02	0.3	0.17	310	27.4
6947200	260798	M36/371	Mercury	4000449	-0.01	-0.002	-0.02	0.2	0.15	280	27.3
6947200	260798	M36/371	Mercury	4000450	-0.01	0.003	-0.02	0.3	0.14	250	25.8
6947201	260849	M36/371	Mercury	4000451	-0.01	0.002	-0.02	0.3	0.15	280	29.2
6947200	260905	M36/371	Mercury	4000452	-0.01	0.003	-0.02	0.4	0.2	130	53.2
6947197	260954	M36/371	Mercury	4000453	-0.01	-0.002	-0.02	0.4	0.19	190	18.6
6947198	260999	M36/371	Mercury	4000454	-0.01	-0.002	-0.02	0.6	0.21	240	19.1
6947197	261051	M36/371	Mercury	4000455	-0.01	-0.002	-0.02	0.5	0.21	240	19.9
6947202	261096	M36/371	Mercury	4000456	-0.01	-0.002	-0.02	0.5	0.17	230	12.9
6947203	261150	M36/371	Mercury	4000457	-0.01	-0.002	0.02	0.6	0.22	260	16.4
6947198	261196	M36/349	Mercury	4000458	-0.01	-0.002	0.01	0.6	0.21	250	16.4
6947200	261249	M36/349	Mercury	4000459	-0.01	0.002	-0.02	0.5	0.22	270	19.5
6947201	261300	M36/349	Mercury	4000461	-0.01	-0.002	-0.02	0.5	0.19	250	16.2
6947202	261351	M36/349	Mercury	4000462	-0.01	-0.002	-0.02	0.4	0.21	250	15.7
6947201	261404	M36/349	Mercury	4000463	-0.01	0.002	0.01	0.4	0.23	230	30
6947202	261448	M36/349	Mercury	4000464	-0.01	-0.002	-0.02	0.4	0.19	320	24
6947195	261509	M36/349	Mercury	4000465	-0.01	-0.002	0.01	0.4	0.17	240	17.4
6947202	261550	M36/349	Mercury	4000466	-0.01	-0.002	0.01	0.6	0.16	220	13
6947379	260048	M36/371	Mercury	4000473	-0.01	0.003	-0.02	0.4	0.19	440	17.4
6947401	260101	M36/371	Mercury	4000474	-0.01	0.003	-0.02	0.5	0.21	480	19
6947401	260101	M36/371	Mercury	4000475	-0.01	0.003	-0.02	0.5	0.22	440	16.7
6947402	260150	M36/371	Mercury	4000476	-0.01	0.005	0.02	0.3	0.16	310	24.3
6947404	260196	M36/371	Mercury	4000477	-0.01	0.003	0.01	0.4	0.15	650	19.9
6947404	260249	M36/371	Mercury	4000478	-0.01	0.003	-0.02	0.4	0.21	440	19
6947401	260303	M36/371	Mercury	4000479	-0.01	0.003	-0.02	0.5	0.2	440	17.7
6947400	260353	M36/371	Mercury	4000480	-0.01	0.002	-0.02	0.4	0.21	340	19.2
6947406	260397	M36/371	Mercury	4000481	-0.01	0.003	-0.02	0.5	0.2	340	19.9
6947405	260433	M36/371	Mercury	4000482	-0.01	-0.002	-0.02	0.3	0.19	220	22.2
6947405	260499	M36/371	Mercury	4000483	-0.01	-0.002	-0.02	0.3	0.17	310	23.9
6947400	260553	M36/371	Mercury	4000484	-0.01	0.004	0.01	0.5	0.21	230	17.6
6947410	260591	M36/371	Mercury	4000486	-0.01	0.002	0.02	0.3	0.12	160	25.3
6947404	260649	M36/371	Mercury	4000487	-0.01	-0.002	-0.02	0.7	0.15	200	11.2
6947405	260702	M36/371	Mercury	4000488	-0.01	-0.002	0.02	0.6	0.17	210	13.1
6947404	260751	M36/371	Mercury	4000489	-0.01	0.002	-0.02	0.6	0.2	250	19.9
6947403	260804	M36/371	Mercury	4000490	-0.01	0.003	-0.02	0.6	0.2	220	17.6
6947401	260851	M36/371	Mercury	4000491	-0.01	0.003	0.02	0.3	0.18	150	22.2
6947401	260899	M36/371	Mercury	4000492	-0.01	0.002	0.01	0.5	0.16	130	20.6
6947399	260955	M36/371	Mercury	4000493	-0.01	0.002	-0.02	0.4	0.19	150	24.1
6947402	261000	M36/371	Mercury	4000494	-0.01	0.002	-0.02	0.4	0.2	170	21.5
6947401	261051	M36/371	Mercury	4000495	-0.01	0.003	0.01	0.4	0.18	190	22.8
6947402	261102	M36/371	Mercury	4000496	-0.01	0.002	-0.02	0.5	0.16	190	23.8
6947408	261151	M36/371	Mercury	4000497	-0.01	0.002	-0.02	0.4	0.18	190	18.4
6947400	261202	M36/349	Mercury	4000498	-0.01	0.002	0.01	0.4	0.19	130	23.2
6947399	261250	M36/349	Mercury	4000499	-0.01	0.002	0.01	0.7	0.17	190	14
6947399	261250	M36/349	Mercury	4000500	-0.01	-0.002	0.03	0.8	0.2	180	13.9

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Pd_ppm	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6947400	261299	M36/349	Mercury	4000501	-0.01	-0.002	0.01	0.2	0.16	200	16
6947403	261350	M36/349	Mercury	4000502	-0.01	-0.002	0.02	0.6	0.21	220	21.7
6947404	261403	M36/349	Mercury	4000503	-0.01	0.003	0.02	0.4	0.18	220	15
6947403	261449	M36/349	Mercury	4000504	-0.01	0.003	0.01	0.4	0.17	200	17.6
6947400	261503	M36/349	Mercury	4000505	-0.01	-0.002	0.01	0.6	0.17	230	17.4
6947399	261550	M36/349	Mercury	4000506	-0.01	0.002	0.01	0.5	0.18	210	10.2
6947600	260301	M36/349	Mercury	4000519	-0.01	0.004	-0.02	0.4	0.15	330	18.1
6947598	260350	M36/349	Mercury	4000520	-0.01	0.004	-0.02	0.2	0.12	240	15.2
6947601	260401	M36/349	Mercury	4000521	-0.01	0.003	-0.02	0.3	0.16	170	23.2
6947602	260452	M36/349	Mercury	4000522	-0.01	-0.002	-0.02	0.2	0.14	150	29.4
6947599	260500	M36/349	Mercury	4000523	-0.01	-0.002	-0.02	0.2	0.14	130	28.6
6947598	260554	M36/349	Mercury	4000524	-0.01	0.005	-0.02	0.4	0.16	160	22.3
6947598	260554	M36/349	Mercury	4000525	-0.01	0.002	-0.02	0.3	0.16	160	22
6947597	260601	M36/349	Mercury	4000526	-0.01	-0.002	-0.02	0.3	0.16	200	26.9
6947598	260648	M36/349	Mercury	4000527	-0.01	-0.002	-0.02	0.6	0.18	180	23.5
6947597	260703	M36/349	Mercury	4000528	-0.01	0.003	0.04	0.5	0.16	160	30.8
6947596	260746	M36/349	Mercury	4000529	-0.01	0.007	-0.02	0.3	0.18	150	25.6
6947588	260802	M36/349	Mercury	4000530	-0.01	0.002	0.02	0.2	0.15	170	25.1
6947600	260851	M36/349	Mercury	4000531	-0.01	0.002	0.01	0.3	0.15	130	17.6
6947599	260902	M36/349	Mercury	4000532	-0.01	-0.002	0.01	0.3	0.16	150	15.3
6947600	260953	M36/349	Mercury	4000533	-0.01	-0.002	-0.02	0.5	0.19	180	15.8
6947597	260999	M36/349	Mercury	4000534	-0.01	0.003	-0.02	0.4	0.19	260	19.8
6947598	261052	M36/349	Mercury	4000536	-0.01	-0.002	-0.02	0.5	0.18	230	19.6
6947599	261103	M36/349	Mercury	4000537	-0.01	-0.002	-0.02	0.4	0.16	220	18
6947600	261154	M36/349	Mercury	4000538	-0.01	-0.002	0.02	0.4	0.15	230	17
6947600	261203	M36/349	Mercury	4000539	-0.01	0.002	-0.02	0.5	0.17	270	19.9
6947600	261249	M36/349	Mercury	4000540	-0.01	0.002	-0.02	0.4	0.16	270	20.1
6947600	261299	M36/349	Mercury	4000541	-0.01	0.002	-0.02	0.3	0.16	280	19.3
6947603	261358	M36/349	Mercury	4000542	-0.01	-0.002	0.01	0.3	0.15	200	19.2
6947598	261401	M36/349	Mercury	4000543	-0.01	0.002	0.01	0.3	0.14	170	15.7
6947595	261453	M36/349	Mercury	4000544	-0.01	-0.002	0.01	0.3	0.13	120	12.4
6947602	261501	M36/349	Mercury	4000545	-0.01	0.002	0.01	0.4	0.13	140	7.7
6947601	261549	M36/349	Mercury	4000546	-0.01	-0.002	-0.02	0.4	0.15	150	7.6
6947800	260499	M36/349	Mercury	4000561	-0.01	0.004	-0.02	0.3	0.12	560	20.3
6947801	260552	M36/349	Mercury	4000562	-0.01	0.003	-0.02	0.3	0.13	260	14.6
6947800	260602	M36/349	Mercury	4000563	-0.01	0.003	0.03	0.4	0.13	300	20.8
6947796	260651	M36/349	Mercury	4000564	-0.01	-0.002	0.02	0.1	0.13	200	20.4
6947800	260699	M36/349	Mercury	4000565	-0.01	0.002	0.03	0.2	0.11	210	16.4
6947811	260748	M36/349	Mercury	4000566	-0.01	0.002	0.04	0.3	0.17	200	27
6947800	260799	M36/349	Mercury	4000567	-0.01	0.002	0.01	0.3	0.17	170	17.7
6947800	260849	M36/349	Mercury	4000568	-0.01	0.003	0.01	0.3	0.15	280	22.9
6947799	260901	M36/349	Mercury	4000569	-0.01	-0.002	-0.02	0.2	0.13	230	34.4
6947798	260954	M36/349	Mercury	4000570	-0.01	0.002	0.01	0.4	0.17	300	21.7
6947804	261002	M36/349	Mercury	4000571	-0.01	0.002	-0.02	0.3	0.18	300	20.4
6947800	261051	M36/349	Mercury	4000572	-0.01	0.003	0.01	0.3	0.15	270	18.3
6947799	261101	M36/349	Mercury	4000573	-0.01	-0.002	-0.02	0.2	0.15	260	16.2
6947794	261152	M36/349	Mercury	4000574	-0.01	0.002	0.01	0.2	0.14	230	22.3
6947794	261152	M36/349	Mercury	4000575	-0.01	0.002	0.02	0.3	0.13	230	23.4
6947795	261199	M36/349	Mercury	4000576	-0.01	0.003	0.02	0.2	0.13	160	19.6

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Pd_ppm	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6947800	261250	M36/349	Mercury	4000577	-0.01	-0.002	0.03	0.2	0.13	170	18.2
6947799	261300	M36/349	Mercury	4000578	-0.01	0.002	0.01	0.2	0.15	200	12.8
6947802	261351	M36/349	Mercury	4000579	-0.01	-0.002	0.01	0.2	0.15	140	12.1
6947801	261400	M36/349	Mercury	4000580	-0.01	0.002	0.02	0.3	0.13	100	15.9
6947804	261451	M36/349	Mercury	4000581	-0.01	-0.002	0.01	0.3	0.15	150	9.8
6947799	261497	M36/349	Mercury	4000582	-0.01	-0.002	0.01	0.3	0.15	150	8.3
6947797	261550	M36/349	Mercury	4000583	-0.01	-0.002	-0.02	0.5	0.14	140	8.2
6947997	260553	M36/349	Mercury	4000595	-0.01	0.002	-0.02	0.2	0.13	300	15.4
6948000	260599	M36/349	Mercury	4000596	-0.01	0.002	-0.02	0.2	0.15	170	15.9
6948001	260647	M36/349	Mercury	4000597	-0.01	0.002	0.01	0.4	0.12	310	35.2
6947996	260703	M36/349	Mercury	4000598	-0.01	-0.002	0.01	0.4	0.14	190	33.4
6948001	260751	M36/349	Mercury	4000599	-0.01	-0.002	-0.02	0.2	0.18	130	27.4
6948000	260797	M36/349	Mercury	4000600	-0.01	-0.002	0.01	0.3	0.16	100	16.8
6948000	260797	M36/349	Mercury	4000601	-0.01	-0.002	-0.02	0.3	0.17	100	18.4
6947999	260851	M36/349	Mercury	4000602	-0.01	-0.002	-0.02	0.2	0.11	130	39.7
6947997	260904	M36/349	Mercury	4000603	-0.01	0.002	0.01	0.3	0.13	120	30.4
6947999	260948	M36/349	Mercury	4000604	-0.01	-0.002	-0.02	0.4	0.21	110	29
6948000	260999	M36/349	Mercury	4000605	-0.01	-0.002	0.01	0.6	0.17	130	25.7
6948003	261055	M36/349	Mercury	4000606	-0.01	0.002	-0.02	0.3	0.16	180	20.7
6948002	261100	M36/349	Mercury	4000607	-0.01	-0.002	-0.02	0.3	0.16	110	19.4
6947998	261151	M36/349	Mercury	4000608	-0.01	-0.002	0.02	0.6	0.13	160	19.4
6948001	261200	M36/349	Mercury	4000609	-0.01	-0.002	-0.02	0.6	0.15	160	14
6947998	261251	M36/349	Mercury	4000611	-0.01	-0.002	-0.02	0.4	0.15	220	12
6947999	261299	M36/349	Mercury	4000612	-0.01	-0.002	-0.02	0.4	0.15	230	18.2
6947998	261350	M36/349	Mercury	4000613	-0.01	-0.002	-0.02	0.5	0.14	240	14.5
6948001	261400	M36/349	Mercury	4000614	-0.01	-0.002	0.02	0.7	0.15	220	13.8
6948000	261451	M36/349	Mercury	4000615	-0.01	-0.002	-0.02	0.4	0.18	190	17.5
6947999	261503	M36/349	Mercury	4000616	-0.01	-0.002	0.02	0.5	0.17	170	21.3
6948002	261548	M36/349	Mercury	4000617	-0.01	-0.002	-0.02	0.3	0.17	260	20.7
6948196	260503	M36/349	Mercury	4000634	-0.01	0.003	-0.02	0.4	0.11	390	17.6
6948197	260554	M36/349	Mercury	4000636	-0.01	0.004	-0.02	0.3	0.11	410	21.1
6948200	260604	M36/349	Mercury	4000637	-0.01	0.002	0.01	0.4	0.17	350	19.8
6948197	260650	M36/349	Mercury	4000638	-0.01	0.002	-0.02	0.4	0.16	230	25
6948198	260699	M36/349	Mercury	4000639	-0.01	-0.002	-0.02	0.2	0.17	230	24.6
6948199	260750	M36/349	Mercury	4000640	-0.01	-0.002	-0.02	0.3	0.17	240	25.8
6948200	260800	M36/349	Mercury	4000641	-0.01	0.002	-0.02	0.1	0.17	210	20.8
6948201	260851	M36/349	Mercury	4000642	-0.01	-0.002	-0.02	0.2	0.17	180	25.8
6948204	260905	M36/349	Mercury	4000643	-0.01	-0.002	-0.02	0.3	0.26	120	32
6948201	260953	M36/349	Mercury	4000644	-0.01	-0.002	0.02	0.7	0.18	140	33.6
6948202	261000	M36/349	Mercury	4000645	-0.01	-0.002	-0.02	0.9	0.17	190	14.6
6948201	261053	M36/349	Mercury	4000646	-0.01	-0.002	-0.02	0.4	0.18	200	14
6948198	261101	M36/349	Mercury	4000647	-0.01	-0.002	-0.02	0.3	0.14	180	14.8
6948199	261150	M36/349	Mercury	4000648	-0.01	-0.002	-0.02	0.4	0.17	220	21.9
6948200	261198	M36/349	Mercury	4000649	-0.01	-0.002	-0.02	0.3	0.16	230	47
6948200	261198	M36/349	Mercury	4000650	-0.01	-0.002	-0.02	0.2	0.17	230	35.2
6948201	261251	M36/349	Mercury	4000651	-0.01	-0.002	-0.02	0.3	0.19	280	38
6948200	261302	M36/349	Mercury	4000652	-0.01	-0.002	0.01	0.4	0.19	290	24.5
6948197	261351	M36/349	Mercury	4000653	-0.01	-0.002	-0.02	0.4	0.2	280	19.2
6948200	261401	M36/349	Mercury	4000654	-0.01	-0.002	0.01	0.5	0.2	270	23.8

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Pd_ppm	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6948199	261452	M36/349	Mercury	4000655	-0.01	-0.002	-0.02	0.3	0.21	320	27.4
6948198	261499	M36/349	Mercury	4000656	-0.01	-0.002	-0.02	0.6	0.21	280	25.2
6948200	261552	M36/349	Mercury	4000657	-0.01	0.002	-0.02	0.4	0.16	280	39.3
6948400	259799	M36/349	Mercury	4000658	-0.01	-0.002	-0.02	0.3	0.21	510	23.2
6948401	259849	M36/349	Mercury	4000659	-0.01	-0.002	0.02	0.3	0.22	440	23.3
6948398	259900	M36/349	Mercury	4000661	-0.01	-0.002	0.01	0.2	0.17	570	32.2
6948388	259954	M36/349	Mercury	4000662	-0.01	-0.002	-0.02	0.4	0.18	510	23
6948378	260012	M36/349	Mercury	4000663	-0.01	-0.002	0.02	0.4	0.17	520	31.3
6948383	260058	M36/349	Mercury	4000664	-0.01	-0.002	-0.02	0.4	0.14	440	20.3
6948387	260103	M36/349	Mercury	4000665	-0.01	-0.002	-0.02	0.4	0.16	460	21.8
6948392	260154	M36/349	Mercury	4000666	-0.01	-0.002	-0.02	0.4	0.17	380	29.3
6948395	260205	M36/349	Mercury	4000667	-0.01	-0.002	0.01	0.2	0.16	380	27.8
6948403	260251	M36/349	Mercury	4000668	-0.01	-0.002	-0.02	0.2	0.15	260	21.2
6948404	260305	M36/349	Mercury	4000669	-0.01	-0.002	0.02	0.3	0.13	270	28.5
6948403	260353	M36/349	Mercury	4000670	-0.01	-0.002	-0.02	0.3	0.12	340	17
6948399	260399	M36/349	Mercury	4000671	-0.01	0.003	-0.02	0.3	0.15	350	20.3
6948398	260453	M36/349	Mercury	4000672	-0.01	0.002	0.01	0.3	0.15	380	19.3
6948397	260501	M36/349	Mercury	4000673	-0.01	0.003	-0.02	0.3	0.15	260	14.5
6948400	260549	M36/349	Mercury	4000674	-0.01	-0.002	-0.02	0.3	0.16	210	13.1
6948400	260549	M36/349	Mercury	4000675	-0.01	0.002	-0.02	0.4	0.16	220	14.5
6948397	260605	M36/349	Mercury	4000676	-0.01	0.002	0.01	0.3	0.13	130	22
6948400	260651	M36/349	Mercury	4000677	-0.01	-0.002	-0.02	0.5	0.17	210	13.7
6948401	260702	M36/349	Mercury	4000678	-0.01	0.002	-0.02	0.4	0.17	290	19.2
6948398	260751	M36/349	Mercury	4000679	-0.01	-0.002	-0.02	0.5	0.17	290	19.7
6948401	260799	M36/349	Mercury	4000680	-0.01	-0.002	-0.02	0.3	0.16	150	26.4
6948402	260853	M36/349	Mercury	4000681	-0.01	-0.002	-0.02	0.2	0.12	140	29.1
6948401	260901	M36/349	Mercury	4000682	-0.01	0.002	-0.02	0.4	0.19	250	19.2
6948402	260952	M36/349	Mercury	4000683	-0.01	-0.002	-0.02	0.5	0.2	300	18
6948398	261003	M36/349	Mercury	4000684	-0.01	-0.002	-0.02	0.2	0.17	230	30.2
6948401	261059	M36/349	Mercury	4000686	-0.01	0.002	-0.02	0.3	0.17	270	30.1
6948400	261102	M36/349	Mercury	4000687	-0.01	0.002	-0.02	0.5	0.17	310	16.7
6948400	261151	M36/349	Mercury	4000688	-0.01	-0.002	-0.02	0.4	0.19	360	30.4
6948400	261201	M36/349	Mercury	4000689	-0.01	-0.002	-0.02	0.4	0.16	320	22.9
6948401	261252	M36/349	Mercury	4000690	-0.01	-0.002	-0.02	0.4	0.16	230	17.3
6948402	261299	M36/349	Mercury	4000691	-0.01	-0.002	-0.02	0.4	0.16	270	20.3
6948397	261352	M36/349	Mercury	4000692	-0.01	-0.002	-0.02	0.5	0.18	280	15.7
6948400	261400	M36/349	Mercury	4000693	-0.01	-0.002	-0.02	0.5	0.17	250	13.7
6948399	261451	M36/349	Mercury	4000694	-0.01	-0.002	-0.02	0.4	0.15	290	19.4
6948398	261494	M36/349	Mercury	4000695	-0.01	-0.002	-0.02	0.3	0.16	300	18.4
6948434	261547	M36/349	Mercury	4000696	-0.01	-0.002	-0.02	0.3	0.14	310	17.6
6948600	260306	M36/349	Mercury	4000705	-0.01	-0.002	-0.02	0.3	0.16	380	18.8
6948599	260354	M36/349	Mercury	4000706	-0.01	-0.002	-0.02	0.3	0.15	360	25.5
6948596	260397	M36/349	Mercury	4000707	-0.01	0.002	-0.02	0.3	0.16	320	19.2
6948599	260451	M36/349	Mercury	4000708	-0.01	0.002	-0.02	0.5	0.16	340	15.2
6948602	260500	M36/349	Mercury	4000709	-0.01	-0.002	-0.02	0.5	0.17	330	15
6948599	260550	M36/349	Mercury	4000711	-0.01	-0.002	-0.02	0.5	0.15	320	19.3
6948602	260601	M36/349	Mercury	4000712	-0.01	0.003	-0.02	0.4	0.17	430	25.9
6948601	260653	M36/349	Mercury	4000713	-0.01	0.003	-0.02	0.7	0.19	400	29.1
6948601	260701	M36/349	Mercury	4000714	-0.01	-0.002	-0.02	0.5	0.2	360	25

Mercury Soil Samples

AMG_Nor	AMG_East	Tenement	Prospect	SampleID	Pd_ppm	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6948601	260751	M36/349	Mercury	4000715	-0.01	-0.002	0.01	0.3	0.15	200	18.7
6948601	260800	M36/349	Mercury	4000716	-0.01	-0.002	0.02	0.4	0.16	170	33.2
6948605	260849	M36/349	Mercury	4000717	-0.01	-0.002	0.03	0.4	0.11	160	36.8
6948599	260900	M36/349	Mercury	4000718	-0.01	-0.002	0.01	0.3	0.17	110	17.2
6948602	260951	M36/349	Mercury	4000719	-0.01	-0.002	0.02	0.3	0.27	70	8.2
6948610	260994	M36/349	Mercury	4000720	-0.01	0.002	0.01	0.1	0.19	200	16.8
6948613	261055	M36/349	Mercury	4000721	-0.01	-0.002	-0.02	0.3	0.17	300	17.1
6948599	261101	M36/349	Mercury	4000722	-0.01	-0.002	0.01	0.4	0.15	360	20.6
6948602	261144	M36/349	Mercury	4000723	-0.01	-0.002	0.01	0.3	0.16	340	18.5
6948603	261189	M36/349	Mercury	4000724	-0.01	-0.002	-0.02	0.2	0.17	320	20.6
6948603	261189	M36/349	Mercury	4000725	-0.01	-0.002	-0.02	0.2	0.17	290	17.9
6948600	261245	M36/349	Mercury	4000726	-0.01	-0.002	-0.02	0.3	0.18	320	18.1
6948592	261296	M36/349	Mercury	4000727	-0.01	-0.002	-0.02	0.3	0.17	320	20.8
6948604	261350	M36/349	Mercury	4000728	-0.01	-0.002	-0.02	0.4	0.18	310	17.3
6948601	261398	M36/349	Mercury	4000729	-0.01	-0.002	-0.02	0.4	0.18	350	23.4
6948602	261452	M36/349	Mercury	4000730	-0.01	-0.002	-0.02	0.5	0.17	290	23.1
6948598	261503	M36/349	Mercury	4000731	-0.01	-0.002	-0.02	0.3	0.17	290	23
6948600	261549	M36/349	Mercury	4000732	-0.01	-0.002	-0.02	0.3	0.16	280	17.6

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_ppm
6941406	258421	M36/24	Vanguard	4012348	1.6	0.0016	-0.05	7400	6.5	21	0.2	1000	9.2	125	27.4	2.93	900	254	18.2
6941400	258449	M36/24	Vanguard	4012349	2.5	0.0025	-0.05	8400	6.3	20	0.2	1400	10.6	129	30.3	3.3	1100	306	20.6
6941400	258449	M36/24	Vanguard	4012350	2.7	0.0027	-0.05	8300	7.1	19	0.3	1200	10	130	29	3.25	1000	298	21.5
6941399	258499	M36/24	Vanguard	4012351	5.6	0.0056	-0.05	6400	16.6	20	0.3	1000	7.2	135	32.5	2.87	800	215	17.1
6941396	258551	M36/24	Vanguard	4012352	4.9	0.0049	-0.05	6900	9.1	20	0.2	1300	8	126	28.1	2.8	900	229	18
6941399	258597	M36/24	Vanguard	4012353	4.9	0.0049	-0.05	7700	8.4	23	0.4	1500	9	134	33.3	3.02	1000	233	19.8
6941398	258650	M36/24	Vanguard	4012354	10.6	0.0106	-0.05	11200	10.9	45	0.3	27600	12	130	33.3	3.06	4400	281	34
6941401	258699	M36/24	Vanguard	4012355	17.9	0.0179	-0.05	12900	21.3	50	0.2	25800	11	135	30	3.25	5500	277	36
6941400	258747	M36/24	Vanguard	4012356	12.1	0.0121	-0.05	12400	6.9	42	0.3	8700	12.5	129	42.9	3.55	2900	306	32.4
6941399	258802	M36/24	Vanguard	4012357	37.3	0.0373	-0.05	11000	12.2	46	0.2	39800	9.7	110	47.5	2.88	4500	293	26.1
6941402	258848	M36/24	Vanguard	4012358	9.5	0.0095	-0.05	12300	7.8	51	0.2	5700	13.4	124	46.4	3.57	2900	361	31
6941399	258900	M36/24	Vanguard	4012359	45	0.045	-0.05	11800	8.5	46	0.3	3100	12.7	132	55.5	3.42	2700	340	31.3
6941397	258950	M36/24	Vanguard	4012360	14.9	0.0149	-0.05	10100	23.1	39	0.3	5000	13.3	132	51.9	3.49	1900	343	24.8
6941398	258999	M36/24	Vanguard	4012361	357.3	0.3573	-0.05	10600	9.9	66	0.4	46100	11.9	99	114.6	2.83	4500	255	27.1
6941402	259048	M36/24	Vanguard	4012362	40.8	0.0408	-0.05	10600	10.2	44	0.2	2200	15.4	95	74.9	4.17	1700	517	17.7
6941398	259101	M36/24	Vanguard	4012363	17.6	0.0176	-0.05	12400	10.4	44	0.2	2900	17.4	91	85.1	4.46	2700	499	19.4
6941397	259150	M36/24	Vanguard	4012364	28.5	0.0285	0.06	11900	5.9	34	0.2	3200	20.9	76	96.6	4.63	2300	422	17.7
6941400	259198	M36/24	Vanguard	4012365	6.4	0.0064	-0.05	11200	5.2	34	0.2	2100	15.9	93	65.8	4.21	2500	383	15
6941395	259248	M36/24	Vanguard	4012367	37.9	0.0379	-0.05	12200	5	53	0.2	2800	17.6	90	73.1	4.36	2600	390	18.1
6941398	259299	M36/24	Vanguard	4012368	13.4	0.0134	-0.05	11700	5.8	32	0.2	3200	12.3	95	73.3	3.7	2600	277	22.2
6941403	259353	M36/24	Vanguard	4012369	16	0.016	-0.05	11600	7.2	34	0.2	22800	11.7	94	50.9	3.25	5300	213	21.3
6941396	259404	M36/24	Vanguard	4012370	7.3	0.0073	-0.05	12300	10.4	45	0.2	33600	12.1	95	50.6	3.17	6900	204	24
6941399	259448	M36/24	Vanguard	4012371	7	0.007	-0.05	11500	5.9	32	0.1	17600	15.3	92	40.8	3.11	5500	256	21.4
6941402	259499	M36/24	Vanguard	4012372	4.5	0.0045	-0.05	8400	9.1	27	0.2	2400	11	86	43.4	3.2	1800	299	13.9
6941401	259547	M36/24	Vanguard	4012373	3.7	0.0037	-0.05	11200	6.8	35	0.2	2600	14.2	99	51.1	3.58	2600	365	20.3
6941400	259598	M36/24	Vanguard	4012374	8.3	0.0083	-0.05	18100	10.3	44	0.2	3100	22.9	106	64.7	4.47	5500	600	34.9
6941401	259646	M36/24	Vanguard	4012375	2.7	0.0027	-0.05	20000	11.8	32	0.3	1600	22.3	128	42.5	4.63	5500	889	38.8
6941402	259700	M36/24	Vanguard	4012376	0.8	0.0008	-0.05	9400	10.4	25	0.2	500	12.1	121	27.5	3.36	2700	341	24.3
6941403	259749	M36/24	Vanguard	4012377	1.7	0.0017	-0.05	16900	7.1	30	0.2	700	14.9	134	37.1	4.03	9100	388	38.3
6941402	259800	M36/24	Vanguard	4012378	1.8	0.0018	-0.05	9000	5.5	44	0.2	800	14.6	143	36.3	4.58	1800	441	30.6
6941403	259848	M36/24	Vanguard	4012379	1.1	0.0011	-0.05	6100	6	35	0.2	600	11.6	131	33.3	4.28	1100	198	26.2
6941403	259848	M36/24	Vanguard	4012380	-0.5	-0.0005	-0.05	6000	5.6	36	0.2	600	11.7	130	33.7	4.09	1200	296	25.8
6941401	259901	M36/24	Vanguard	4012381	3.3	0.0033	-0.05	15800	4.1	34	0.3	4300	12.4	125	34.3	4.13	4100	630	24.2
6941400	259958	M36/24	Vanguard	4012382	0.8	0.0008	-0.05	4800	3.7	60	0.2	700	5.9	124	18.5	3.22	600	183	13.2
6941598	258401	M36/24	Vanguard	4012414	3.5	0.0035	-0.05	7500	6.6	16	0.2	1100	9.2	156	28.4	3.5	700	241	21.3
6941599	258452	M36/24	Vanguard	4012415	4.4	0.0044	-0.05	8800	12.1	29	0.2	1000	12.5	137	43.6	3.65	800	405	20.8
6941598	258505	M36/24	Vanguard	4012416	3.3	0.0033	-0.05	8700	17	25	0.3	2000	9.2	125	35.8	3.16	1100	295	21.2
6941599	258552	M36/24	Vanguard	4012417	117.7	0.1177	-0.05	12500	14.4	45	0.2	30300	16.9	116	87.5	3.73	4500	231	50.4
6941598	258598	M36/24	Vanguard	4012418	72.6	0.0726	-0.05	11100	15.5	78	0.2	47100	16.8	107	49.1	2.94	6300	200	42.1
6941596	258651	M36/24	Vanguard	4012419	5.4	0.0054	-0.05	9700	12.5	34	0.2	2100	12.1	126	39.2	3.33	1400	282	26
6941596	258651	M36/24	Vanguard	4012420	4.4	0.0044	-0.05	9200	11.4	34	0.2	1800	11.9	129	36.7	3.23	1300	274	24.4
6941600	258702	M36/24	Vanguard	4012421	15.7	0.0157	-0.05	13300	7.9	40	0.2	2700	18	141	54.9	4.03	1800	451	33.5
6941601	258750	M36/24	Vanguard	4012422	17.2	0.0172	-0.05	13100	5.5	66	0.2	11800	14.3	109	50.7	3.24	3800	333	35.7
6941599	258799	M36/24	Vanguard	4012423	27.2	0.0272	-0.05	11500	43.2	111	0.4	16400	13.9	123	62.4	3.63	4000	302	37
6941596	258845	M36/24	Vanguard	4012424	16.4	0.0164	-0.05	11800	16.9	51	0.3	16000	12.1	119	55.3	3.19	3700	297	31.9

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_ppm
6941599	258900	M36/24	Vanguard	4012425	21.3	0.0213	-0.05	11600	5.2	45	0.2	39800	9	96	53.4	2.86	5700	250	24.9
6941598	258951	M36/24	Vanguard	4012426	6.4	0.0064	-0.05	11200	4.1	30	0.2	2700	9.6	109	58.2	3.36	2200	251	22.5
6941599	258995	M36/24	Vanguard	4012427	8.9	0.0089	-0.05	10300	5.6	64	0.2	4800	11.3	108	48	3.24	2500	310	23.4
6941596	259046	M36/24	Vanguard	4012428	16.8	0.0168	-0.05	13200	14.1	48	0.2	2600	18.8	110	83.4	4.69	2200	503	23
6941595	259096	M36/24	Vanguard	4012429	5.8	0.0058	-0.05	10700	14.2	37	0.2	2100	14.8	99	50.8	4.21	1500	434	17.1
6941600	259153	M36/24	Vanguard	4012430	8.3	0.0083	-0.05	10900	11.3	50	0.3	1900	18.1	95	86.4	4.37	1500	465	16.8
6941599	259197	M36/24	Vanguard	4012431	7.6	0.0076	-0.05	14300	9.1	39	0.2	3100	17.4	80	82.7	4.86	2500	466	17.2
6941600	259247	M36/24	Vanguard	4012432	12.2	0.0122	-0.05	12900	8.2	61	0.2	1800	16.9	90	70.8	4.16	2100	422	16.3
6941599	259298	M36/24	Vanguard	4012434	24.2	0.0242	-0.05	12900	7.2	48	0.2	2400	14.7	94	69.1	4.16	2100	418	17.6
6941600	259349	M36/24	Vanguard	4012435	12.3	0.0123	-0.05	11300	5.2	30	0.2	1600	13.5	102	57.9	3.8	1700	341	18.2
6941601	259749	M36/24	Vanguard	4012443	12.8	0.0128	-0.05	6400	13.6	25	0.3	800	8	100	32	2.95	1100	300	14.2
6941600	259798	M36/24	Vanguard	4012444	2.9	0.0029	-0.05	7500	7	52	0.2	400	6.8	126	23.5	3.2	1500	501	16.8
6941601	259848	M36/24	Vanguard	4012445	5.6	0.0056	-0.05	7000	9	29	0.4	500	11	120	26	3.58	700	604	15.6
6941596	259902	M36/24	Vanguard	4012446	1.9	0.0019	-0.05	9000	4.4	29	0.2	1100	8.4	116	25.6	3.73	1600	374	16.5
6941800	258351	M36/24	Vanguard	4012481	5	0.005	-0.05	6100	10.1	7	0.2	500	5.4	150	18.3	3	300	139	11.6
6941805	258398	M36/24	Vanguard	4012482	6.1	0.0061	-0.05	6400	14.6	12	0.3	600	5.2	142	19.5	2.81	400	161	14.5
6941810	258456	M36/24	Vanguard	4012483	20.2	0.0202	-0.05	10800	24	25	0.4	1900	10.3	128	45.2	3.31	1500	288	23.5
6941802	258501	M36/24	Vanguard	4012484	27.3	0.0273	-0.05	11100	61.3	26	0.8	2700	9	150	56.1	3.69	2300	222	27.9
6941799	258553	M36/24	Vanguard	4012485	29.9	0.0299	-0.05	15000	25.3	53	0.4	6000	19	142	65.9	3.69	3900	348	46.4
6941798	258601	M36/24	Vanguard	4012486	36.3	0.0363	-0.05	13100	15.3	60	0.3	28400	13.5	118	55.6	3.4	3700	345	35.1
6941799	258649	M36/24	Vanguard	4012487	13.5	0.0135	-0.05	13400	17.2	48	0.2	10900	12.7	115	52	3.05	3600	279	32.1
6941804	258695	M36/24	Vanguard	4012488	22.7	0.0227	-0.05	11600	18.5	43	0.4	8600	12.5	112	49.3	3.02	2300	314	28.6
6941801	258759	M36/24	Vanguard	4012489	11.3	0.0113	-0.05	12900	12.2	38	0.3	6200	12.8	117	60.4	3.3	3600	294	33.5
6941800	258799	M36/24	Vanguard	4012490	9.6	0.0096	-0.05	13900	7.3	42	0.2	13000	15.1	110	61.3	3.4	3000	323	37.2
6941801	258846	M36/24	Vanguard	4012491	3.9	0.0039	-0.05	13300	13.9	33	0.2	2000	16.8	140	47.3	3.75	1500	397	28.8
6941798	258897	M36/24	Vanguard	4012492	9	0.009	-0.05	12500	8.1	35	0.2	2000	18.6	138	70.2	3.78	1900	439	37.5
6941799	258948	M36/24	Vanguard	4012493	4.5	0.0045	-0.05	13300	6.9	36	0.2	2200	14.3	113	62.7	3.83	2200	447	27
6941799	259001	M36/24	Vanguard	4012494	10	0.01	-0.05	13500	4.8	34	0.2	1900	14.6	123	62	3.97	1500	373	25.1
6941799	259049	M36/24	Vanguard	4012495	2.9	0.0029	-0.05	10900	13	46	0.2	2800	14.4	115	53.8	3.86	2100	359	22.5
6941800	259093	M36/24	Vanguard	4012496	14.7	0.0147	-0.05	14400	10.3	56	0.2	3700	15.3	97	66.7	4.24	3300	406	21.1
6941796	259151	M36/24	Vanguard	4012497	12.7	0.0127	-0.05	12400	9.4	44	0.2	3100	14.5	87	88.8	4.28	2500	330	17.5
6941799	259202	M36/24	Vanguard	4012498	3.2	0.0032	-0.05	13900	9.4	107	0.2	3400	15.6	77	63.6	3.67	4300	315	22.6
6941802	259254	M36/24	Vanguard	4012500	20.1	0.0201	-0.05	13800	8.3	50	0.4	1800	19.2	91	85.7	4.42	3000	485	18.4
6941799	259302	M36/24	Vanguard	4012501	6.2	0.0062	-0.05	12100	8.6	48	0.3	1400	14.8	110	55.8	4.02	1800	347	15.9
6941798	259350	M36/24	Vanguard	4012502	5.4	0.0054	0.06	14000	6.5	47	0.3	2900	17.7	96	99.2	4.67	2200	397	19.1
6941801	259401	M36/24	Vanguard	4012503	3.8	0.0038	-0.05	14200	4.1	35	0.2	3200	15.5	97	92.9	4.49	2300	302	24.9
6941805	259442	M36/24	Vanguard	4012504	3.7	0.0037	-0.05	11200	4	25	0.1	2800	9.9	85	63.9	3.54	2800	206	19.3
6941803	259506	M36/24	Vanguard	4012505	5.1	0.0051	-0.05	13200	6.1	32	0.2	4300	19.1	86	61.1	4.43	3500	446	22.6
6941825	259568	M36/24	Vanguard	4012506	34.7	0.0347	-0.05	13700	28.5	53	0.4	15800	12.1	95	67.4	3.63	9600	252	24.7
6941816	259605	M36/24	Vanguard	4012507	20.3	0.0203	-0.05	13500	11.7	24	0.2	15200	10.1	103	41.4	3.39	7800	229	25.5
6941810	259654	M36/24	Vanguard	4012508	17.9	0.0179	-0.05	21400	10.8	63	0.2	4700	19.3	111	47.5	4.67	8100	657	44.9
6941814	259699	M36/24	Vanguard	4012509	7.9	0.0079	-0.05	23100	7.1	48	0.2	8500	14.8	105	44.6	4.46	9600	410	50.6
6941800	259748	M36/24	Vanguard	4012510	2.2	0.0022	-0.05	6200	8.1	20	0.2	300	10.2	119	27.4	3.48	700	327	17
6941805	259788	M36/24	Vanguard	4012511	3.1	0.0031	-0.05	5100	6	17	0.3	400	8.7	123	30	3.5	600	278	14.6
6941804	259848	M36/24	Vanguard	4012512	2.3	0.0023	-0.05	5900	6.5	15	0.3	500	7.4	112	23.2	3.39	600	249	14.7

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_ppm
6941800	259900	M36/24	Vanguard	4012513	1.7	0.0017	-0.05	7800	4.4	21	0.2	500	8.3	118	23.5	3.44	700	413	15.2
6942000	258355	M36/24	Vanguard	4012539	4.8	0.0048	-0.05	7800	15.6	15	0.2	1100	12.5	137	55.7	3.31	800	209	26.8
6942001	258400	M36/24	Vanguard	4012540	37.9	0.0379	-0.05	9500	90.5	34	1.1	11000	10.3	116	86.9	3.25	2500	240	24.7
6942002	258451	M36/24	Vanguard	4012541	144.8	0.1448	-0.05	10300	74.3	27	1.2	3500	13.5	107	131	3.26	2300	306	26.6
6942005	258505	M36/24	Vanguard	4012542	86.5	0.0865	-0.05	9900	133.8	27	2	3000	9.8	98	122.8	3.25	1900	238	21.9
6941995	258551	M36/24	Vanguard	4012543	106.7	0.1067	0.1	10700	322.6	40	3.9	36700	12.2	87	230.8	3.2	5400	221	28.5
6942007	258602	M36/24	Vanguard	4012544	156.2	0.1562	-0.05	10200	55.2	25	0.9	2200	15.2	114	76.4	3.53	1300	330	25.4
6941999	258655	M36/24	Vanguard	4012545	29.1	0.0291	-0.05	12100	39	21	0.6	3100	11.6	105	75.6	3.17	2700	256	29.9
6942029	258697	M36/24	Vanguard	4012546	75.3	0.0753	-0.05	11800	47.2	18	0.6	2500	10.3	105	75.5	3.15	2700	211	26.4
6941984	258754	M36/24	Vanguard	4012547	104.2	0.1042	-0.05	12000	22.2	48	0.5	52900	14.7	85	139.7	2.58	6100	219	33.8
6941998	258800	M36/24	Vanguard	4012548	27	0.027	0.06	11900	58.5	17	0.8	2500	9.9	94	92.5	2.96	3800	175	36.9
6941999	258851	M36/24	Vanguard	4012549	4.9	0.0049	-0.05	13800	6.2	44	0.2	2700	15.6	108	70.9	3.64	2700	303	33.1
6941999	258851	M36/24	Vanguard	4012550	6.3	0.0063	-0.05	14500	12.7	43	0.2	2900	17.9	120	75.9	3.97	2800	331	36.4
6942002	258898	M36/24	Vanguard	4012551	32.2	0.0322	-0.05	12600	14.5	31	0.2	2800	21.1	120	101.3	3.54	2600	362	45
6942003	258953	M36/24	Vanguard	4012552	7.5	0.0075	-0.05	11000	11.8	22	0.2	2700	12	94	74.3	3.03	2400	242	25.7
6941998	258999	M36/24	Vanguard	4012553	5.3	0.0053	-0.05	11400	7.6	17	0.2	3400	8.8	82	65.1	2.75	2500	185	21.5
6942001	259048	M36/24	Vanguard	4012554	6.4	0.0064	-0.05	13500	5.6	26	0.2	2000	15.2	106	59.9	3.98	2300	351	25.8
6942002	259099	M36/24	Vanguard	4012555	26.4	0.0264	-0.05	15300	10	56	0.2	2800	16.5	101	55	4.81	2400	462	23.8
6941999	259157	M36/24	Vanguard	4012556	5.6	0.0056	-0.05	13200	19	37	0.2	5000	14.2	73	55.7	3.88	3400	347	18.7
6941997	259206	M36/24	Vanguard	4012557	11.6	0.0116	-0.05	11700	11.7	23	0.1	62700	15.3	52	85.2	2.96	5000	291	17.1
6941996	259249	M36/24	Vanguard	4012558	5.3	0.0053	-0.05	13300	12	22	0.2	4000	16	62	88.6	4.44	3000	357	18.9
6941995	259303	M36/24	Vanguard	4012559	12.6	0.0126	0.07	11600	12.1	29	0.3	3200	14.9	78	74.5	4.42	1800	384	15.6
6941998	259351	M36/24	Vanguard	4012560	16.2	0.0162	-0.05	9900	12.9	26	0.4	2000	15.9	80	64.7	4.02	1400	357	15.2
6942001	259402	M36/24	Vanguard	4012561	23.1	0.0231	-0.05	13300	12.9	46	0.3	3100	18.1	84	74.5	4.45	3300	457	19
6941998	259450	M36/24	Vanguard	4012562	7.2	0.0072	-0.05	13100	5.4	24	0.2	4200	9.4	78	70	3.67	3300	211	21.7
6942016	259515	M36/24	Vanguard	4012563	7.7	0.0077	-0.05	11500	18.5	31	0.3	3300	13.6	80	67.4	4.05	2500	333	17.7
6942000	259548	M36/24	Vanguard	4012564	39.6	0.0396	-0.05	14200	32.5	46	0.5	16000	17.3	90	75.6	3.95	5500	322	26.1
6942001	259601	M36/24	Vanguard	4012565	11.5	0.0115	-0.05	15200	12.2	38	0.3	6000	17.2	102	40.3	3.87	4300	336	36
6942007	259652	M36/24	Vanguard	4012567	4.6	0.0046	-0.05	10000	11.2	32	0.2	1400	11.3	104	34.3	3.67	1100	359	21.2
6942027	259699	M36/24	Vanguard	4012568	10.2	0.0102	-0.05	8800	9	37	0.3	1200	12.7	108	34.1	3.77	1000	468	20.7
6942200	258751	M36/24	Vanguard	4012591	56.2	0.0562	-0.05	13000	14.5	29	0.3	2100	13	137	74.8	3.71	1600	309	26.8
6942197	258799	M36/24	Vanguard	4012592	103.9	0.1039	-0.05	12100	23.9	37	0.4	3700	9.3	118	54.2	3.01	3100	231	30.6
6942202	258851	M36/24	Vanguard	4012593	5.7	0.0057	-0.05	14300	6.1	35	0.2	2400	14.1	152	50	4.48	2200	383	31.4
6942199	258901	M36/24	Vanguard	4012594	34.7	0.0347	-0.05	13700	15	63	0.3	30200	15.9	126	62.4	3.24	4500	326	37.2
6942202	258949	M36/24	Vanguard	4012595	15	0.015	-0.05	12800	22.1	45	0.4	7400	14	125	56.8	3.42	4100	288	32
6942200	259001	M36/24	Vanguard	4012596	6.9	0.0069	-0.05	11100	10.3	30	0.3	2700	12.3	115	45.1	3.06	2300	268	25.6
6942208	259503	M36/24	Vanguard	4012597	32.2	0.0322	0.07	9400	55.3	26	0.8	1400	16.3	102	118.7	4.19	1500	461	18.9
6942201	259553	M36/24	Vanguard	4012598	16.1	0.0161	-0.05	8100	28.9	22	0.5	1100	13	109	52.9	3.99	1000	383	20.1
6942200	259595	M36/24	Vanguard	4012600	13.2	0.0132	-0.05	12200	34.3	46	0.5	29100	26.6	97	85.3	3.92	8500	195	39.8
6942201	259650	M36/24	Vanguard	4012601	1.9	0.0019	-0.05	10100	5.9	62	0.2	8100	8	114	38	3.64	4800	206	20.6
6942200	259699	M36/24	Vanguard	4012602	2.3	0.0023	-0.05	9200	5.7	27	0.3	1300	7.1	114	30.5	3.44	1400	285	16.1
6942199	259747	M36/24	Vanguard	4012603	1.5	0.0015	-0.05	8600	5.6	37	0.3	1100	13.6	113	28.4	3.65	700	643	16.5
6942399	258352	M36/24	Vanguard	4012604	3.9	0.0039	-0.05	9800	12	25	0.2	1500	10	107	39.5	3.18	1300	230	21.7
6942402	258401	M36/24	Vanguard	4012605	6.4	0.0064	-0.05	14100	11.7	42	0.3	9100	11.3	103	46.6	3.35	5200	227	31.7
6942397	258448	M36/24	Vanguard	4012606	2.5	0.0025	-0.05	12100	5.3	28	0.2	3000	10.4	102	42.6	3.32	2100	268	27.8

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_ppm
6942400	258500	M36/24	Vanguard	4012607	7.9	0.0079	-0.05	12900	6.8	30	0.2	2500	11.3	106	40	3.64	1700	302	25.3
6942399	258550	M36/24	Vanguard	4012608	13.5	0.0135	-0.05	11400	11.3	39	0.3	15700	10.9	101	42.4	3.14	2700	306	28.7
6942400	258601	M36/24	Vanguard	4012609	16.6	0.0166	-0.05	12900	13	49	0.5	9200	11.6	110	52.8	3.57	2300	366	29.9
6942399	258648	M36/24	Vanguard	4012610	14.2	0.0142	-0.05	14700	11.9	39	0.2	8100	11.9	113	53.7	3.74	3400	311	30.6
6942402	258699	M36/24	Vanguard	4012611	6.7	0.0067	-0.05	11700	15	20	0.3	2000	8.3	107	45.2	3.32	2000	232	21.9
6942400	258752	M36/24	Vanguard	4012612	5.7	0.0057	-0.05	11000	7.8	19	0.2	1900	8.7	116	47.4	3.08	1600	196	22.3
6942401	258798	M36/24	Vanguard	4012613	37	0.037	-0.05	12600	7.2	42	0.2	28200	10.3	98	49.8	3.06	4200	216	28
6942402	258851	M36/24	Vanguard	4012614	11.3	0.0113	-0.05	14500	5.7	50	0.2	23000	13.4	101	50.1	3.54	3700	352	36.2
6942401	258900	M36/24	Vanguard	4012615	7.4	0.0074	-0.05	14700	4	54	0.2	42700	12.9	102	44.9	3.27	5700	339	37.2
6942398	258950	M36/24	Vanguard	4012616	3.5	0.0035	-0.05	13700	5.1	41	0.2	11000	13.1	106	45.1	3.25	3500	349	30.1
6942399	258999	M36/24	Vanguard	4012617	17	0.017	-0.05	14800	5.5	35	0.2	6100	15.7	103	46.5	3.41	3200	336	34.7
6942398	259499	M36/24	Vanguard	4012618	27.8	0.0278	-0.05	8400	20.7	13	0.5	1100	8.8	90	51.1	5.23	700	176	15
6942399	259549	M36/24	Vanguard	4012619	5.2	0.0052	-0.05	8400	16.7	46	0.3	500	8.7	92	36.7	4.8	500	268	13.5
6942399	259549	M36/24	Vanguard	4012620	4.8	0.0048	-0.05	8200	21.8	100	0.4	600	8.4	93	41.7	4.63	500	311	14.5
6942400	259600	M36/24	Vanguard	4012621	2.5	0.0025	-0.05	9300	11.3	21	0.3	400	9.4	96	29.7	4.75	400	245	13.1
6942401	259651	M36/24	Vanguard	4012622	4.1	0.0041	-0.05	7800	14.8	61	0.3	300	3.9	103	33.3	3.99	400	87	14.4
6942402	259698	M36/24	Vanguard	4012623	20	0.02	-0.05	7800	6.5	18	0.3	2300	4.9	114	27.8	3.61	1400	167	16.4
6942401	259743	M36/24	Vanguard	4012624	6.7	0.0067	-0.05	14000	4.4	42	0.3	16500	6.7	91	32.6	4.77	8200	233	23.7
6942602	258353	M36/24	Vanguard	4012625	1.4	0.0014	-0.05	11100	3.3	23	0.2	1800	9.4	111	34.5	3.19	1500	294	22
6942598	258401	M36/24	Vanguard	4012626	5.9	0.0059	-0.05	11200	3	22	0.2	2500	9.4	114	45.1	3.3	1800	191	26.8
6942603	258450	M36/24	Vanguard	4012627	3.8	0.0038	-0.05	13100	3	37	0.2	10800	9.4	100	47	3.1	3100	270	24.7
6942602	258501	M36/24	Vanguard	4012628	4.8	0.0048	-0.05	12900	6.9	41	0.2	5400	12.4	108	55	3.4	2500	353	28.3
6942601	258551	M36/24	Vanguard	4012629	181.4	0.1814	0.06	13900	5.1	33	0.3	2400	15.8	125	51.4	3.82	1700	378	31.9
6942602	258602	M36/24	Vanguard	4012630	6.1	0.0061	-0.05	15600	4.7	29	0.2	1700	18.7	123	47.7	4.19	1200	598	30.7
6942601	258653	M36/24	Vanguard	4012631	8.9	0.0089	-0.05	12400	6.9	29	0.2	2000	13.7	116	43.4	3.69	1500	365	33.3
6942598	258700	M36/24	Vanguard	4012632	3.2	0.0032	-0.05	16100	5.4	33	0.2	2100	17.7	135	52.5	4.52	1700	504	34.8
6942601	258743	M36/24	Vanguard	4012634	1.4	0.0014	-0.05	11200	3.9	24	0.2	1200	12.8	115	38.9	3.79	1200	489	24
6942600	258797	M36/24	Vanguard	4012635	8	0.008	-0.05	12600	3.5	18	0.2	2100	8.5	118	46.4	3.33	1900	206	25.8
6942599	258849	M36/24	Vanguard	4012636	5.1	0.0051	-0.05	13500	3.6	36	0.2	36700	10.1	102	46.2	2.74	5500	217	30.9
6942600	258898	M36/24	Vanguard	4012637	11.6	0.0116	-0.05	10800	7.5	46	0.3	7800	11.3	112	50.1	3.23	3300	329	28.9
6942598	258947	M36/24	Vanguard	4012638	13.4	0.0134	-0.05	14500	5.7	37	0.2	12300	21.6	141	54.7	3.53	9100	258	54.7
6942601	259003	M36/24	Vanguard	4012639	9.5	0.0095	-0.05	10500	8.1	42	0.3	4300	14.5	127	40.8	3.13	3400	283	35
6942600	259051	M36/24	Vanguard	4012640	6	0.006	-0.05	12000	5.7	39	0.2	25600	17.6	127	46.2	3.13	4700	285	46.5
6942599	259102	M36/24	Vanguard	4012641	8.2	0.0082	-0.05	10700	7.7	23	0.3	2600	10.3	121	53.4	3.22	2100	236	28.9
6942602	259146	M36/24	Vanguard	4012642	6	0.006	-0.05	12100	5.1	44	0.2	7500	12.8	119	57.3	3.49	3500	317	30.1
6942601	259202	M36/24	Vanguard	4012643	13.3	0.0133	-0.05	10800	5.8	34	0.2	4000	10.2	117	43.7	3.25	2100	268	27.1
6942594	259252	M36/24	Vanguard	4012644	4.7	0.0047	-0.05	9000	6.6	25	0.2	2200	9.5	112	33.8	3.2	1500	274	19.1
6942623	259306	M36/24	Vanguard	4012645	12.4	0.0124	-0.05	9100	16	30	0.4	2000	10.5	107	39.9	3.15	1500	319	20.4
6942598	259349	M36/24	Vanguard	4012646	2	0.002	-0.05	9400	4.6	15	0.2	1100	11.4	101	34.7	4.23	1000	319	16.4
6942597	259402	M36/24	Vanguard	4012647	1.5	0.0015	-0.05	9000	5.8	22	0.3	1200	12.4	101	34.1	4.11	1200	366	17.3
6942598	259449	M36/24	Vanguard	4012648	5.2	0.0052	-0.05	8000	10.1	20	0.4	800	8.9	107	36	3.84	700	324	14.3
6942597	259500	M36/24	Vanguard	4012649	0.7	0.0007	-0.05	7500	4.7	16	0.2	400	11.1	107	21.8	3.79	500	432	12.1
6942597	259500	M36/24	Vanguard	4012650	0.6	0.0006	-0.05	8100	4.8	15	0.3	400	11.9	109	24	3.92	500	451	11.7
6942600	259550	M36/24	Vanguard	4012651	1	0.001	-0.05	7300	5	15	0.3	500	8.6	114	22.9	3.59	500	410	13
6942599	259602	M36/24	Vanguard	4012652	80.5	0.0805	-0.05	5700	4.5	16	0.2	700	5.3	127	22.2	3.49	800	238	13.2

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_ppm
6942604	259650	M36/24	Vanguard	4012653	4.4	0.0044	-0.05	5000	5.3	13	0.2	600	5.3	155	21.2	3.7	600	158	15.6
6942600	259701	M36/24	Vanguard	4012654	1.9	0.0019	-0.05	5100	4.2	8	0.2	400	5	132	17.2	3.59	500	129	12.3
6942606	259742	M36/24	Vanguard	4012655	1.9	0.0019	-0.05	5100	4.6	21	0.2	600	4.8	120	18.3	3.45	600	189	12.4
6942802	258352	M36/24	Vanguard	4012656	4.8	0.0048	-0.05	12200	3.8	40	0.2	15800	11.3	116	45.7	2.98	3900	259	30.5
6942805	258398	M36/24	Vanguard	4012657	1.6	0.0016	-0.05	12400	3.1	40	0.2	34700	8.7	107	38.9	2.88	4600	224	26.9
6942798	258448	M36/24	Vanguard	4012658	13.7	0.0137	-0.05	14500	4.4	64	0.2	29400	16.5	108	119.6	3.48	7500	262	37.2
6942796	258499	M36/24	Vanguard	4012659	6.7	0.0067	-0.05	12600	5.2	46	0.2	3700	16.9	117	49.4	3.74	2700	317	35.3
6942798	258547	M36/24	Vanguard	4012660	9.8	0.0098	-0.05	11600	5.7	43	0.2	17800	21.6	126	34.8	3.24	4600	287	50.2
6942798	258601	M36/24	Vanguard	4012661	8.1	0.0081	-0.05	10600	3.5	39	0.2	5100	16.3	121	39.5	3.15	1900	327	37
6942797	258650	M36/24	Vanguard	4012662	15.4	0.0154	-0.05	10200	5.5	34	0.2	3600	15.1	120	40.1	2.9	2200	288	34.5
6942798	258700	M36/24	Vanguard	4012663	7.9	0.0079	-0.05	12600	4.9	64	0.2	25600	16	120	73	3.22	3800	333	42.1
6942801	258749	M36/24	Vanguard	4012664	4.1	0.0041	-0.05	11600	4.5	54	0.2	22000	13.2	117	38.9	2.96	4000	249	30.5
6942798	258797	M36/24	Vanguard	4012665	6.2	0.0062	-0.05	12000	3.7	39	0.2	10900	13.8	119	40.7	3.05	2900	311	27.3
6942801	258848	M36/24	Vanguard	4012667	25.9	0.0259	-0.05	11200	3.1	40	0.1	51800	11.3	106	53.5	2.74	5200	217	36.1
6942800	258899	M36/24	Vanguard	4012668	11.3	0.0113	-0.05	12800	3.4	36	0.2	17800	11.7	117	55	3.13	4100	290	35.3
6942799	258950	M36/24	Vanguard	4012669	3.5	0.0035	-0.05	11500	5.6	33	0.2	4800	12.3	122	46.1	3.34	2500	281	27.8
6942802	259001	M36/24	Vanguard	4012670	5.7	0.0057	-0.05	13900	6.2	36	0.2	15800	10	113	44.6	3.13	4800	230	29.9
6942799	259052	M36/24	Vanguard	4012671	6.1	0.0061	-0.05	11800	6.5	33	0.1	40300	8.6	114	36.5	2.81	7800	173	29.2
6942802	259101	M36/24	Vanguard	4012672	2.4	0.0024	-0.05	11800	5.1	19	0.2	3000	10.5	109	63	3.27	2000	233	26.2
6942801	259149	M36/24	Vanguard	4012673	2.1	0.0021	-0.05	14800	2.9	20	0.1	5200	10.4	101	77.9	3.28	4200	218	34.2
6942798	259198	M36/24	Vanguard	4012674	1.1	0.0011	-0.05	12800	4.8	22	0.2	2800	10.4	112	60.1	3.45	2900	228	27
6942799	259251	M36/24	Vanguard	4012675	2.8	0.0028	-0.05	12600	3.3	35	0.1	23900	10.1	94	54.5	3.41	4800	204	22.4
6942799	259299	M36/24	Vanguard	4012676	4.7	0.0047	-0.05	13500	5.8	41	0.2	10700	11.8	103	55.3	4.24	3500	318	23.4
6942800	259348	M36/24	Vanguard	4012677	6	0.006	-0.05	12600	6	54	0.2	22100	11.9	92	60.5	4.05	3100	345	21.2
6942802	259401	M36/24	Vanguard	4012678	3.6	0.0036	-0.05	13700	3.8	52	0.2	3100	12.6	108	50.4	4.63	2300	406	21.6
6942803	259450	M36/24	Vanguard	4012679	2.6	0.0026	-0.05	14000	3.3	35	0.2	2400	13	114	48	4.6	2100	422	21.5
6942803	259450	M36/24	Vanguard	4012680	3.5	0.0035	-0.05	15700	3.1	40	0.2	2700	13	116	50.5	4.9	2400	451	24.1
6942801	259498	M36/24	Vanguard	4012681	2.1	0.0021	-0.05	11400	3.3	31	0.2	1600	12.9	109	37.7	3.66	1800	444	21.4
6942800	259547	M36/24	Vanguard	4012682	0.9	0.0009	-0.05	7100	2.5	20	0.1	2400	6.8	124	24.8	2.74	1700	187	16.6
6942797	259598	M36/24	Vanguard	4012683	1	0.001	-0.05	10000	2.4	21	0.2	1500	9.8	125	33	3.58	2200	249	25.1
6942792	259641	M36/24	Vanguard	4012684	1.3	0.0013	-0.05	8100	1.9	19	0.2	800	9.6	120	27.1	3.18	1500	346	20.5
6942801	259702	M36/24	Vanguard	4012685	1.5	0.0015	-0.05	7000	2.8	54	0.2	1100	7.7	119	23	3.27	900	342	17.3
6942802	259751	M36/24	Vanguard	4012686	2.6	0.0026	-0.05	9400	2	73	0.2	24600	4.9	103	25.5	3.27	5800	158	18.1
6943000	258348	M36/24	Vanguard	4012687	1.7	0.0017	-0.05	12300	5.1	30	0.4	1700	16.3	139	35.6	4.28	1200	464	23.7
6942997	258400	M36/24	Vanguard	4012688	1.6	0.0016	-0.05	13300	3.2	29	0.2	1500	17.7	136	40.1	4.41	1200	480	27
6942998	258451	M36/24	Vanguard	4012689	3.2	0.0032	-0.05	9900	3.1	25	0.1	4800	10.2	105	53.2	3.01	2300	241	24
6943003	258498	M36/24	Vanguard	4012690	9.3	0.0093	-0.05	12700	2.6	40	0.1	6200	12.6	104	72.3	3.53	3000	248	27.4
6942998	258549	M36/24	Vanguard	4012691	3.7	0.0037	-0.05	13300	2.6	23	0.1	3400	10.7	115	54.6	3.56	2300	237	28
6943001	258600	M36/24	Vanguard	4012692	10	0.01	-0.05	11700	3.9	30	0.2	11600	9	119	40	3.41	3300	235	22.8
6943002	258651	M36/24	Vanguard	4012693	2	0.002	-0.05	10700	3.6	25	0.2	2000	10.4	130	32.9	3.72	1100	329	20.7
6942994	258696	M36/24	Vanguard	4012694	3.5	0.0035	-0.05	11200	3.3	25	0.2	2100	10.3	125	54.4	3.57	1200	261	22.6
6943000	258752	M36/24	Vanguard	4012695	1.9	0.0019	-0.05	15800	2.7	27	0.1	3300	13.2	121	58.2	3.8	2300	325	30.5
6943001	258796	M36/24	Vanguard	4012696	2.2	0.0022	-0.05	13100	2.7	22	0.2	2900	11	112	59.2	3.19	2200	247	26.1
6943004	258847	M36/24	Vanguard	4012697	4.2	0.0042	-0.05	13800	2.2	23	0.1	3700	13.6	114	69.3	3.73	2600	283	29.3
6943001	258902	M36/24	Vanguard	4012698	2.9	0.0029	-0.05	11500	3.4	23	0.1	2800	11.4	116	52.1	3.27	1900	268	26.8

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_ppm
6943002	258948	M36/24	Vanguard	4012700	1.5	0.0015	-0.05	15700	4.2	28	0.1	3800	14.4	122	53.8	3.42	2600	311	38.1
6943005	259000	M36/24	Vanguard	4012701	8.2	0.0082	-0.05	13600	28.7	38	0.1	4100	14	105	67.5	4.04	2800	284	25.6
6943002	259051	M36/24	Vanguard	4012702	3.8	0.0038	-0.05	14100	3.3	32	0.1	3300	11.4	119	63.9	3.52	3400	226	36.1
6942996	259097	M36/24	Vanguard	4012703	2	0.002	-0.05	14200	6.1	34	0.1	3400	11.9	119	50.7	3.48	2700	263	28.1
6942999	259150	M36/24	Vanguard	4012704	4.3	0.0043	-0.05	12700	9	34	0.1	2900	15.2	122	71.1	3.47	2000	301	31
6943002	259199	M36/24	Vanguard	4012705	4	0.004	-0.05	13600	5.4	35	0.2	2700	15.7	128	63.5	3.75	2600	319	28.5
6942999	259251	M36/24	Vanguard	4012706	2.7	0.0027	-0.05	12800	4.2	32	0.2	2200	14	116	53.7	3.94	1900	373	22.5
6942998	259298	M36/24	Vanguard	4012707	0.9	0.0009	-0.05	8200	4.1	18	0.1	1300	8.3	112	30.9	2.72	1100	228	16.3
6942997	259353	M36/24	Vanguard	4012708	6.3	0.0063	-0.05	14300	2.4	46	0.1	27000	10.8	99	55.8	3.95	5100	274	23.4
6943002	259405	M36/24	Vanguard	4012709	2	0.002	-0.05	13800	2.1	34	0.1	25300	11.9	79	40.7	3.41	11100	196	17.1
6942999	259453	M36/24	Vanguard	4012710	6.1	0.0061	-0.05	10100	2.6	29	0.2	2900	8.3	113	35.2	3.06	2900	218	19.6
6942998	259496	M36/24	Vanguard	4012711	4	0.004	-0.05	11900	1.9	100	0.2	50400	10.4	98	34.8	3.02	12400	143	34.9
6942995	259530	M36/24	Vanguard	4012712	2.3	0.0023	-0.05	11700	3.1	94	0.2	10800	11	131	25.5	3.32	5500	250	45.8
6942999	259601	M36/24	Vanguard	4012713	1.2	0.0012	-0.05	7400	2.1	16	0.2	800	9.5	125	22.3	3.44	900	335	21.8
6942999	259649	M36/24	Vanguard	4012714	0.7	0.0007	-0.05	7800	2.8	14	0.2	500	9.6	119	21.5	3.42	500	399	14.4
6943001	259701	M36/24	Vanguard	4012715	1.1	0.0011	-0.05	9500	2.8	29	0.2	800	11.7	121	29.3	3.65	900	535	20.5
6943001	259749	M36/24	Vanguard	4012716	1.1	0.0011	-0.05	9600	2.5	15	0.2	600	11.7	120	28.1	3.7	600	426	17
6943197	258348	M36/24	Vanguard	4012717	10.9	0.0109	-0.05	14300	4.8	52	0.2	22600	14.9	119	57.6	3.85	3900	368	31.3
6943198	258397	M36/24	Vanguard	4012718	3.4	0.0034	-0.05	10700	3.7	24	0.2	1500	12.8	129	36.9	3.91	900	406	18.2
6943199	258450	M36/24	Vanguard	4012719	11	0.011	-0.05	12500	3.8	36	0.2	10600	10.5	106	52.7	3.07	3100	210	27.1
6943199	258450	M36/24	Vanguard	4012720	4.4	0.0044	-0.05	12200	4.6	29	0.2	3700	9.9	112	44.1	3.16	2500	211	23.5
6943197	258499	M36/24	Vanguard	4012721	2	0.002	-0.05	11300	3.8	29	0.2	2700	9.4	113	44.5	3.16	1600	243	19.4
6943198	258552	M36/24	Vanguard	4012722	3.5	0.0035	-0.05	14000	2	34	0.1	2900	13.1	107	65.5	3.39	3100	255	33.5
6943199	258601	M36/24	Vanguard	4012723	8.5	0.0085	-0.05	12300	4.2	22	0.2	2200	11.5	107	74	3.46	2400	251	22.5
6943198	258647	M36/24	Vanguard	4012724	3.1	0.0031	-0.05	13700	3.5	26	0.1	4800	9.9	114	39	3.27	3000	210	27.3
6943201	258698	M36/24	Vanguard	4012725	4	0.004	-0.05	15600	1.9	27	0.1	3500	14.3	110	82.9	3.65	2900	330	36.8
6943198	258749	M36/24	Vanguard	4012726	2.2	0.0022	-0.05	16100	2.3	27	0.1	2900	14.3	128	53.8	3.83	2400	294	33.3
6943199	258797	M36/24	Vanguard	4012727	2.3	0.0023	-0.05	13600	2.3	22	0.1	2700	11.4	112	57.4	3.23	1800	248	24.7
6943198	258850	M36/24	Vanguard	4012728	1.2	0.0012	-0.05	13700	2.8	26	0.1	3100	11.9	108	86.7	3.71	2700	223	26.3
6943197	258901	M36/24	Vanguard	4012729	2.5	0.0025	-0.05	14100	3.2	28	0.1	3600	15.5	121	101.5	3.51	3000	249	38.6
6943200	258947	M36/24	Vanguard	4012730	3.2	0.0032	-0.05	12500	5.1	24	0.1	2700	12	123	59.5	3.36	2000	253	26
6943201	259000	M36/24	Vanguard	4012731	4.7	0.0047	-0.05	11600	2.6	22	0.1	2600	11.4	108	61	3.04	1800	246	23.1
6943202	259047	M36/24	Vanguard	4012732	3	0.003	-0.05	12200	2.5	25	0.1	2600	11.2	126	57	3.45	2100	268	30
6943199	259102	M36/24	Vanguard	4012734	3.1	0.0031	-0.05	14500	4.2	49	0.1	2100	20.4	147	85.2	3.89	3000	323	43.9
6943202	259148	M36/24	Vanguard	4012735	2.9	0.0029	-0.05	13200	3.6	41	0.2	2300	16.9	149	50.5	3.85	1500	428	29.2
6943201	259204	M36/24	Vanguard	4012736	2.9	0.0029	-0.05	12200	3	19	0.2	2500	10.3	109	58.3	3.31	2100	256	26.7
6943200	259250	M36/24	Vanguard	4012737	2.9	0.0029	-0.05	11500	2.9	19	0.2	2700	10.9	110	61.3	3.19	1700	264	22.7
6943201	259299	M36/24	Vanguard	4012738	2.6	0.0026	-0.05	11200	2.2	17	0.2	2300	9.4	110	60.2	3.28	2200	224	22.1
6943201	259349	M36/24	Vanguard	4012739	3.5	0.0035	-0.05	12200	4.5	38	0.2	25500	12.4	103	64.3	3.14	4400	264	30.8
6943200	259400	M36/24	Vanguard	4012740	3.6	0.0036	-0.05	12800	2.7	40	0.2	41900	9.6	102	33.4	2.85	6100	197	29.9
6943197	259451	M36/24	Vanguard	4012741	2.3	0.0023	-0.05	10900	3.4	45	0.2	22900	8.6	93	30.9	2.78	3900	224	20
6943202	259503	M36/24	Vanguard	4012742	2.4	0.0024	-0.05	10600	3	33	0.2	2800	10	112	25.8	3.37	2000	268	27
6943197	259549	M36/24	Vanguard	4012743	1.9	0.0019	-0.05	10300	3.2	21	0.2	1400	8.1	112	27	3.56	1300	255	21.8
6943204	259602	M36/24	Vanguard	4012744	1.9	0.0019	-0.05	7900	4.2	21	0.2	2100	8.7	101	28.5	2.67	1300	219	22.4
6943201	259653	M36/24	Vanguard	4012745	1	0.001	-0.05	8300	3	17	0.2	1300	9.2	106	28.3	2.85	1100	238	20.2

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_ppm
6943196	259699	M36/24	Vanguard	4012746	2.9	0.0029	-0.05	9000	2.5	25	0.2	8900	9	111	28.6	3.04	1900	296	20.3
6943197	259747	M36/24	Vanguard	4012747	1.2	0.0012	-0.05	9000	3.2	26	0.2	600	9.7	112	25	3.35	500	414	16.7
6943404	258349	M36/24	Vanguard	4012748	3.9	0.0039	-0.05	13300	3.1	43	0.2	3200	15.8	122	47.6	4	1200	470	23.2
6943398	258398	M36/24	Vanguard	4012749	16.3	0.0163	-0.05	11500	3.8	33	0.2	2500	11.9	117	22.6	3.54	1300	375	21
6943398	258398	M36/24	Vanguard	4012750	2	0.002	-0.05	11800	3.2	33	0.1	2500	13.2	114	23.1	3.54	1400	411	19.6
6943401	258451	M36/24	Vanguard	4012751	5.4	0.0054	-0.05	12100	6.4	32	0.3	1300	16	127	46.8	3.68	1300	363	24.6
6943400	258504	M36/24	Vanguard	4012752	4.8	0.0048	-0.05	13700	3.1	38	0.2	11200	11.2	114	45.7	3.07	4000	254	29.6
6943399	258551	M36/24	Vanguard	4012753	60.2	0.0602	0.06	13600	4.8	42	0.8	3800	16.4	114	323.5	3.68	2700	301	26.2
6943400	258606	M36/24	Vanguard	4012754	5.8	0.0058	-0.05	13200	2.3	22	0.1	3600	13.2	101	75.9	3.66	2800	311	25.4
6943399	258653	M36/24	Vanguard	4012755	4.4	0.0044	-0.05	16300	1.7	22	0.1	3900	13.1	91	58.8	3.03	3500	213	42
6943398	258699	M36/24	Vanguard	4012756	2.1	0.0021	-0.05	14000	3	38	0.2	14100	13.2	96	63.4	3.04	4500	239	28.8
6943399	258749	M36/24	Vanguard	4012757	2.6	0.0026	-0.05	13100	2.2	30	0.1	10400	10.2	102	48.3	3.1	3400	202	25.5
6943397	258798	M36/24	Vanguard	4012758	13.7	0.0137	-0.05	15500	13.3	39	0.2	3000	17.9	131	51.5	4.35	1600	502	30.3
6943401	258851	M36/24	Vanguard	4012759	4.4	0.0044	-0.05	13600	12.6	33	0.2	4700	16.9	139	59.5	3.99	2200	440	30.2
6943402	258900	M36/24	Vanguard	4012760	3.3	0.0033	-0.05	14200	2.7	27	0.2	16000	10.8	101	67	2.77	5800	237	30.2
6943402	258953	M36/24	Vanguard	4012761	1.1	0.0011	-0.05	12500	2.3	21	0.1	2800	11.6	97	57.6	2.9	2100	238	28.3
6943399	259002	M36/24	Vanguard	4012762	8.4	0.0084	-0.05	13200	3.6	35	0.2	7900	11.7	99	78	2.78	4200	237	32.1
6943405	259048	M36/24	Vanguard	4012763	3	0.003	-0.05	13400	3.8	30	0.2	2300	16	118	56.1	3.75	1900	390	28.8
6943399	259098	M36/24	Vanguard	4012764	1.9	0.0019	-0.05	12700	5.3	46	0.2	1900	14.3	147	52.5	3.22	2800	300	31.7
6943402	259154	M36/24	Vanguard	4012765	1.4	0.0014	-0.05	13000	2.7	25	0.1	2600	13.5	128	55	3.44	2300	290	31.2
6943403	259201	M36/24	Vanguard	4012767	2.4	0.0024	-0.05	15200	3.1	47	0.2	4100	16.1	136	61.2	3.89	2700	329	35.7
6943402	259249	M36/24	Vanguard	4012768	3.7	0.0037	-0.05	12900	4.3	33	0.2	4700	13.6	127	62.2	3.31	3200	323	33.1
6943403	259299	M36/24	Vanguard	4012769	1.8	0.0018	-0.05	10000	3.5	24	0.2	1300	11.9	120	33	3.14	1500	340	22.2
6943398	259350	M36/24	Vanguard	4012770	5.4	0.0054	-0.05	10300	2.9	26	0.2	1200	12.1	119	29.3	3.35	1900	427	22.2
6943397	259399	M36/24	Vanguard	4012771	3.3	0.0033	-0.05	12800	3.3	31	0.3	2400	10.3	113	41.2	3.44	2500	271	26.6
6943404	259450	M36/24	Vanguard	4012772	2.3	0.0023	-0.05	10700	2.9	27	0.2	1700	11.6	121	37.9	3.31	1500	289	25.6
6943399	259503	M36/24	Vanguard	4012773	1.6	0.0016	-0.05	6800	2.9	18	0.3	600	11.7	123	22.3	3.22	700	453	23.3
6943401	259562	M36/24	Vanguard	4012774	2.5	0.0025	-0.05	8500	3.6	22	0.3	1100	16.2	129	27.5	4.28	1500	470	34.3
6943401	259598	M36/24	Vanguard	4012775	1.2	0.0012	-0.05	7300	3	22	0.3	800	11.2	116	23.4	3.4	600	469	17.3
6943400	259651	M36/24	Vanguard	4012776	1.9	0.0019	-0.05	8600	3.6	16	0.3	600	11	109	23.6	3.57	600	523	16.9
6943396	259700	M36/24	Vanguard	4012777	0.8	0.0008	-0.05	9100	2.6	28	0.3	4300	11	112	22.1	3.69	1700	519	19.2
6943401	259746	M36/24	Vanguard	4012778	1.4	0.0014	-0.05	8700	3.3	26	0.3	700	13.5	121	28.4	3.76	600	571	20
6943602	258351	M36/24	Vanguard	4012779	7.1	0.0071	-0.05	12700	4.8	32	0.3	2700	18	131	118.3	3.91	2000	437	34.8
6943602	258351	M36/24	Vanguard	4012780	5.8	0.0058	-0.05	12100	4.9	27	0.2	2200	16.6	136	97	3.79	1900	402	32
6943598	258402	M36/24	Vanguard	4012781	5.2	0.0052	-0.05	12800	3.3	29	0.3	2700	13.4	111	61.9	3.14	2100	340	27.4
6943600	258447	M36/24	Vanguard	4012782	2.8	0.0028	-0.05	13100	2.1	31	0.2	3200	13	121	42.9	3.54	2100	322	26.8
6943598	258498	M36/24	Vanguard	4012783	2.4	0.0024	-0.05	13100	3.5	27	0.2	2400	13.1	127	39.7	3.22	2700	264	30.2
6943600	258546	M36/24	Vanguard	4012784	2.4	0.0024	-0.05	14700	2	36	0.1	4200	11.7	116	39.6	3.07	3200	220	32.7
6943600	258602	M36/24	Vanguard	4012785	7	0.007	-0.05	10900	2.9	30	0.2	24000	10.3	98	60.4	2.71	3400	206	21.5
6943599	258649	M36/24	Vanguard	4012786	9.7	0.0097	-0.05	12600	2	21	0.1	4100	10.4	96	60.5	3.05	3100	182	27.2
6943600	258702	M36/24	Vanguard	4012787	5.1	0.0051	-0.05	14100	1.7	23	0.2	3500	11.1	111	67.8	3.12	3300	170	34.1
6943597	258753	M36/24	Vanguard	4012788	1.8	0.0018	-0.05	12800	2.7	24	0.1	2400	12.9	115	59.4	3.46	2700	268	32.2
6943598	258801	M36/24	Vanguard	4012789	2.7	0.0027	-0.05	10500	2.8	26	0.2	2700	12.6	104	49.8	2.92	2200	250	25.6
6943601	258853	M36/24	Vanguard	4012790	6.7	0.0067	-0.05	13800	2.5	25	0.1	4200	13.7	114	68	3.42	3000	241	39.8
6943598	258903	M36/24	Vanguard	4012791	7.9	0.0079	-0.05	12200	3	42	0.1	56900	11.1	113	58.1	2.92	7600	164	35

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_ppm
6943599	258954	M36/24	Vanguard	4012792	2.4	0.0024	-0.05	13800	2.4	36	0.2	22500	13.3	124	52	3.19	5900	218	36
6943602	259002	M36/24	Vanguard	4012793	3.8	0.0038	-0.05	15000	3.7	59	0.3	12400	14.8	123	62.5	3.18	4900	305	40.8
6943599	259051	M36/24	Vanguard	4012794	2.2	0.0022	-0.05	10700	4.2	25	0.2	2600	10.5	113	38.5	2.85	1900	230	24.7
6943597	259102	M36/24	Vanguard	4012795	1.2	0.0012	-0.05	7800	3.5	19	0.2	1700	8.7	112	34	2.55	1500	197	20.7
6943569	259131	M36/24	Vanguard	4012796	1.2	0.0012	-0.05	8400	3.1	21	0.2	1600	7.4	109	26.8	2.47	1300	204	17.9
6943599	259201	M36/24	Vanguard	4012797	1.5	0.0015	-0.05	13000	2.9	48	0.2	14200	13.7	120	38.4	3.35	5300	305	34
6943598	259249	M36/24	Vanguard	4012798	-0.5	-0.0005	-0.05	6900	3.9	29	0.2	800	12.4	135	33.3	3.83	1100	416	29.7
6943597	259300	M36/24	Vanguard	4012800	1.2	0.0012	-0.05	8600	3.4	21	0.3	800	16.6	125	43.8	4.05	1200	416	30.2
6943598	259351	M36/24	Vanguard	4012801	0.7	0.0007	-0.05	6800	2.9	21	0.2	500	9.8	128	25.5	3.29	700	277	21.5
6943599	259403	M36/24	Vanguard	4012802	0.8	0.0008	-0.05	7200	2.7	31	0.3	400	13.4	136	40.9	3.84	1400	379	33.9
6943602	259451	M36/24	Vanguard	4012803	1.2	0.0012	-0.05	7600	2.9	46	0.3	900	13.8	168	24.9	3.95	1300	514	51.4
6943601	259502	M36/24	Vanguard	4012804	2	0.002	-0.05	7300	3.3	24	0.3	700	9.5	117	21.9	3.21	700	394	23.3
6943600	259548	M36/24	Vanguard	4012805	1.2	0.0012	-0.05	9500	3.8	38	0.3	1200	12.1	116	23.9	3.79	1600	627	29.3
6943602	259650	M36/24	Vanguard	4012807	1.1	0.0011	-0.05	8100	3.4	23	0.3	700	12	116	24.9	3.63	700	592	21.5
6943599	259703	M36/24	Vanguard	4012808	2	0.002	-0.05	9200	4.2	39	0.3	900	11	115	25.1	3.77	600	523	20.4
6943602	259752	M36/24	Vanguard	4012809	0.6	0.0006	-0.05	7800	3.3	24	0.3	700	12.4	118	27.1	3.77	600	546	18.3
6943802	258352	M36/24	Vanguard	4012810	2.3	0.0023	-0.05	10700	5.5	40	0.2	2600	12.2	111	60.8	3.23	1900	265	26
6943799	258398	M36/24	Vanguard	4012811	1.6	0.0016	-0.05	17200	4.4	32	0.2	13700	15.5	118	92.6	3.72	6100	332	38.2
6943802	258453	M36/24	Vanguard	4012812	1.2	0.0012	-0.05	13700	3.4	37	0.2	3800	14.4	108	79.8	3.28	2800	353	34.2
6943795	258501	M36/24	Vanguard	4012813	3.3	0.0033	-0.05	13900	3.4	36	0.2	30600	12.4	104	67.1	2.97	7100	236	30.2
6943796	258552	M36/24	Vanguard	4012814	0.8	0.0008	-0.05	12500	3.1	40	0.2	5300	11.2	115	55.8	3.32	3500	246	29.4
6943799	258599	M36/24	Vanguard	4012815	18	0.018	-0.05	12700	6.5	32	2.8	4700	17.7	113	690.4	3.36	2600	258	34.5
6943802	258652	M36/24	Vanguard	4012816	5	0.005	-0.05	14400	2.6	38	0.4	15700	11.5	110	72.3	3.01	6000	247	35.2
6943798	258701	M36/24	Vanguard	4012817	2.2	0.0022	-0.05	12500	3.4	25	0.2	3000	17.9	116	76	3.44	2300	266	27.8
6943802	258751	M36/24	Vanguard	4012818	1.7	0.0017	-0.05	11600	2.2	26	0.2	7100	12.6	89	75.8	3.2	2700	273	18.4
6943799	258797	M36/24	Vanguard	4012819	1.7	0.0017	-0.05	12100	2.8	29	0.2	4100	10.4	105	48.8	3.36	2700	190	22.9
6943799	258797	M36/24	Vanguard	4012820	2.5	0.0025	-0.05	12500	2.8	31	0.2	4600	10.9	108	51.1	3.36	3000	196	24.7
6943799	258853	M36/24	Vanguard	4012821	1.3	0.0013	-0.05	10500	3.1	34	0.3	1900	9.5	115	36.3	3.06	1600	260	22.5
6943798	258901	M36/24	Vanguard	4012822	2	0.002	-0.05	12200	5.3	43	0.2	6700	14.1	123	41.9	3.34	4300	227	32.2
6943795	258948	M36/24	Vanguard	4012823	1.6	0.0016	-0.05	15100	3.2	41	0.2	2800	15.9	129	38.7	3.94	1800	460	32.9
6943798	259001	M36/24	Vanguard	4012824	1.1	0.0011	-0.05	12500	3.2	32	0.2	3000	12.6	133	40	3.48	3400	243	36.6
6943799	259052	M36/24	Vanguard	4012825	3.4	0.0034	-0.05	12700	2.7	37	0.2	18200	12.3	119	51.9	3.18	6400	240	30.3
6943798	259101	M36/24	Vanguard	4012826	2.4	0.0024	-0.05	12900	3.4	42	0.2	11300	15.9	128	42.3	3.37	3800	265	36.2
6943803	259149	M36/24	Vanguard	4012827	1.8	0.0018	-0.05	8800	5.8	43	0.2	2000	10.5	134	31	3.53	1800	348	31.5
6943802	259202	M36/24	Vanguard	4012828	0.5	0.0005	-0.05	12200	4	56	0.2	3900	9.8	126	37.8	3.9	4400	240	29.5
6943801	259251	M36/24	Vanguard	4012829	1.3	0.0013	-0.05	11800	4	66	0.2	4400	10	125	40.3	3.81	4800	284	28.1
6943796	259299	M36/24	Vanguard	4012830	1.2	0.0012	-0.05	7200	3.3	20	0.2	700	9.6	118	26.7	3.36	700	346	18.1
6943796	259350	M36/24	Vanguard	4012831	-0.5	-0.0005	-0.05	7100	3.2	21	0.2	600	12.4	118	25.8	3.39	500	568	19.1
6943800	259403	M36/24	Vanguard	4012832	0.6	0.0006	-0.05	9400	3.4	49	0.2	900	14.5	124	27.5	3.69	900	658	35.4
6943801	259450	M36/24	Vanguard	4012834	2.2	0.0022	-0.05	8900	3.9	19	0.3	500	11.1	122	28	3.71	500	440	23.5
6943798	259496	M36/24	Vanguard	4012835	1.2	0.0012	-0.05	8700	3.7	13	0.3	500	11.6	120	26.4	3.64	500	441	19.5
6943798	259549	M36/24	Vanguard	4012836	-0.5	-0.0005	-0.05	8300	3.6	19	0.3	500	10.6	110	23.3	3.47	600	496	17.9
6943800	259598	M36/24	Vanguard	4012837	1.1	0.0011	-0.05	7500	3	20	0.3	900	9.8	115	20.6	3.42	1100	459	15.7
6943801	259697	M36/24	Vanguard	4012839	0.7	0.0007	-0.05	7300	3.1	34	0.3	600	10.2	116	20.4	3.26	800	558	17
6943999	258348	M36/24	Vanguard	4012841	1.9	0.0019	-0.05	10400	2.8	28	0.2	1200	14.1	128	35.3	3.71	1000	455	19.3

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_ppm
6944000	258399	M36/24	Vanguard	4012842	2.2	0.0022	-0.05	11300	2.7	35	0.2	3000	10.2	106	42.4	3.05	2700	236	22.7
6943999	258449	M36/24	Vanguard	4012843	3	0.003	-0.05	12500	3.7	35	0.2	14700	11.1	111	44.6	3.06	3600	229	25.8
6944001	258500	M36/24	Vanguard	4012844	6.3	0.0063	-0.05	10200	2.8	31	0.1	64400	9.7	96	53.8	2.47	4600	204	24.2
6944000	258549	M36/24	Vanguard	4012845	1.4	0.0014	-0.05	13000	2.5	23	0.2	3600	12.8	110	57	3.3	3500	187	27.8
6943999	258600	M36/24	Vanguard	4012846	3.8	0.0038	-0.05	11800	2.8	36	0.2	4200	12.6	113	63.3	3.34	2400	355	24.1
6944000	258651	M36/24	Vanguard	4012847	2.8	0.0028	-0.05	10700	3	26	0.1	2900	8.7	113	46.2	2.9	1900	204	21.2
6943999	258699	M36/24	Vanguard	4012848	2.1	0.0021	-0.05	11600	2.6	21	0.1	2700	9.4	104	57.7	3.05	2300	217	23.1
6944000	258747	M36/24	Vanguard	4012849	2.6	0.0026	-0.05	10800	2.9	29	0.2	2800	11	106	51.6	3.15	2100	252	22.4
6944000	258747	M36/24	Vanguard	4012850	2.1	0.0021	-0.05	11300	2.6	30	0.2	2700	11.2	112	52.6	3.25	1900	273	21.2
6944001	258798	M36/24	Vanguard	4012851	5.9	0.0059	-0.05	10700	2.8	34	0.2	18700	8.3	102	43.7	2.72	2900	221	20.1
6944000	258851	M36/24	Vanguard	4012852	2.4	0.0024	-0.05	8000	2.9	21	0.2	2000	7.5	119	47.5	2.65	1500	181	16.9
6943999	258902	M36/24	Vanguard	4012853	3.8	0.0038	-0.05	11100	3.7	30	0.3	2200	13.5	128	71.4	3.61	2000	256	26.9
6944000	258951	M36/24	Vanguard	4012854	6.8	0.0068	-0.05	10000	4	43	0.2	32700	10.5	106	40.9	2.76	2900	242	22.7
6943999	259002	M36/24	Vanguard	4012855	2.6	0.0026	-0.05	12800	3.2	40	0.3	2500	12.7	115	33.8	3.45	1600	433	25.4
6943998	259051	M36/24	Vanguard	4012856	1.9	0.0019	-0.05	11100	3.4	25	0.2	1000	13.7	123	31.1	3.89	800	321	24.4
6943998	259101	M36/24	Vanguard	4012857	1.2	0.0012	-0.05	10700	3.6	25	0.2	1800	10.6	120	30.9	3.8	1300	306	24.4
6944000	259148	M36/24	Vanguard	4012858	2.1	0.0021	-0.05	12100	3.5	44	0.2	13100	11.4	124	37.7	4.02	3800	284	26.9
6944000	259201	M36/24	Vanguard	4012859	7.6	0.0076	-0.05	10500	3.2	80	0.2	36300	8.9	100	42.8	3.21	3200	255	24.7
6944001	259251	M36/24	Vanguard	4012860	1.2	0.0012	-0.05	9400	3.6	58	0.3	1400	8.3	118	29	3.69	1000	297	19.1
6943998	259302	M36/24	Vanguard	4012861	2.4	0.0024	-0.05	9500	3.9	81	0.3	700	9.9	112	28.1	3.59	700	357	17.4
6943999	259353	M36/24	Vanguard	4012862	4	0.004	-0.05	10600	4.4	429	0.3	1900	11.2	103	27.2	3.6	1100	394	23.2
6943998	259400	M36/24	Vanguard	4012863	2.3	0.0023	-0.05	11400	4.3	54	0.2	9900	7.3	114	25.1	3.36	3100	232	21.8
6944003	259450	M36/24	Vanguard	4012864	0.9	0.0009	-0.05	7400	2.7	14	0.2	500	8	118	19.3	3.19	700	201	13.8
6944000	259499	M36/24	Vanguard	4012865	0.6	0.0006	-0.05	8400	2.8	20	0.3	900	8.1	121	22.5	3.44	1300	276	19.7
6944001	259550	M36/24	Vanguard	4012867	1.4	0.0014	-0.05	8400	3.1	22	0.3	700	8.5	122	24.8	3.81	1100	467	18.1
6944000	259601	M36/24	Vanguard	4012868	-0.5	-0.0005	-0.05	8900	2.9	44	0.2	600	8.1	129	21.9	3.31	1200	316	19.3
6944001	259649	M36/24	Vanguard	4012869	0.9	0.0009	-0.05	7200	2.9	101	0.2	1000	6.3	123	19.4	3.31	900	233	16
6944000	259693	M36/24	Vanguard	4012870	-0.5	-0.0005	-0.05	8500	3.2	157	0.3	800	8.6	114	22.2	3.53	700	348	14.9
6944197	258351	M36/24	Vanguard	4012871	2.3	0.0023	-0.05	14400	2.9	39	0.2	3700	15.9	116	59.2	3.75	2300	348	28.5
6944202	258400	M36/24	Vanguard	4012872	2.4	0.0024	-0.05	13300	2.5	37	0.2	13800	13.4	116	45.2	3.53	3500	235	29.8
6944197	258450	M36/24	Vanguard	4012873	7.1	0.0071	-0.05	13400	2.3	45	0.3	31500	12.1	116	47.6	3.28	5400	206	30.3
6944198	258504	M36/24	Vanguard	4012874	3.5	0.0035	-0.05	13100	2.4	26	0.2	3700	11.3	97	57.6	3	3000	212	29.4
6944197	258550	M36/24	Vanguard	4012875	12	0.012	-0.05	13700	3	46	0.2	7200	13.8	126	37.6	3.49	4200	265	31.4
6944200	258601	M36/24	Vanguard	4012876	5.7	0.0057	-0.05	14400	3.8	47	0.2	10000	12.8	125	35.6	3.44	4700	260	31.2
6944199	258649	M36/24	Vanguard	4012877	6.8	0.0068	-0.05	12800	2.6	43	0.2	23600	12.5	112	39.9	3.14	3500	297	29.7
6944200	258698	M36/24	Vanguard	4012878	2.3	0.0023	-0.05	13300	2.3	43	0.2	11900	12.2	108	35.9	3.17	3300	290	30.5
6944203	258753	M36/24	Vanguard	4012879	0.9	0.0009	-0.05	14100	2.8	38	0.3	3400	16.3	118	37.9	3.55	2700	311	39.8
6944203	258753	M36/24	Vanguard	4012880	0.5	0.0005	-0.05	14900	2.6	41	0.2	3700	16.4	116	39.5	3.56	2800	328	40.3
6944202	258800	M36/24	Vanguard	4012881	1.2	0.0012	-0.05	10800	2	21	0.2	2500	8.8	107	44.7	3.03	1700	222	21.6
6944201	258853	M36/24	Vanguard	4012882	2	0.002	-0.05	12200	3.1	27	0.2	2500	12	115	47.5	3.45	1900	299	25.1
6944199	258901	M36/24	Vanguard	4012883	1.7	0.0017	-0.05	11800	2.6	25	0.2	2400	11.4	122	43.8	3.35	1900	259	27.9
6944203	258949	M36/24	Vanguard	4012884	3.1	0.0031	-0.05	10500	2.2	25	0.2	5300	9.3	118	42.3	2.98	2100	214	23.4
6944197	258998	M36/24	Vanguard	4012885	4.2	0.0042	-0.05	12200	2.3	41	0.2	20600	14.7	111	57.7	3.46	2700	374	30.9
6944198	259049	M36/24	Vanguard	4012886	-0.5	-0.0005	-0.05	9900	3	15	0.2	600	11.1	126	32.1	3.67	900	308	20.2
6944201	259097	M36/24	Vanguard	4012887	1.6	0.0016	-0.05	9200	3.7	28	0.2	1600	9	124	39.6	3.69	1700	281	23.7

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Au_ppb	Au_ppm	Ag_ppm	Al_ppm	Ars_ppm	Ba_ppm	Bi_ppm	Ca_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_ppm
6944198	259151	M36/24	Vanguard	4012888	-0.5	-0.0005	-0.05	8300	3.1	23	0.3	600	9.5	123	39.3	3.52	900	333	20.3
6944199	259200	M36/24	Vanguard	4012889	1.4	0.0014	-0.05	8700	2.4	22	0.2	1100	10.1	113	29.9	3.58	1200	255	16.3
6944200	259251	M36/24	Vanguard	4012890	0.9	0.0009	-0.05	9900	2.9	36	0.3	4900	9	109	30.9	3.6	2000	269	21.8
6944199	259298	M36/24	Vanguard	4012891	0.5	0.0005	-0.05	10300	3.5	11	0.3	500	7.1	108	24.6	3.56	500	167	14.7
6944202	259350	M36/24	Vanguard	4012892	0.8	0.0008	-0.05	8800	3.1	44	0.3	1500	10	124	26.4	3.35	900	346	24.5
6944201	259400	M36/24	Vanguard	4012893	0.7	0.0007	-0.05	12000	3	61	0.3	4900	10.4	114	33.3	3.64	2300	322	26.7
6944200	259447	M36/24	Vanguard	4012894	1.3	0.0013	-0.05	10000	3.1	12	0.2	500	9.5	114	23.2	3.58	500	323	14.8
6944199	259498	M36/24	Vanguard	4012895	-0.5	-0.0005	-0.05	9700	3.2	24	0.3	600	10.7	113	25.2	3.45	700	478	16
6944199	259549	M36/24	Vanguard	4012896	-0.5	-0.0005	-0.05	8400	3.1	25	0.2	700	10.4	117	22	3.46	600	503	16.4
6944200	259600	M36/24	Vanguard	4012897	0.6	0.0006	-0.05	8000	2.9	29	0.2	700	7.9	118	23.8	3.46	800	368	17.1
6944199	259650	M36/24	Vanguard	4012898	0.7	0.0007	-0.05	7400	2.6	11	0.2	300	2.6	111	19.6	3.58	400	67	11.4
6944200	259699	M36/24	Vanguard	4012900	2	0.002	-0.05	10400	2.7	14	0.2	300	4	116	18	4.14	400	112	11
6944402	258352	M36/24	Vanguard	4012901	-0.5	-0.0005	-0.05	14300	2.3	33	0.2	2700	15.7	128	46.8	4.21	1800	499	30.6
6944399	258400	M36/24	Vanguard	4012902	5.7	0.0057	-0.05	14900	1.5	46	0.2	15200	16.7	100	63.3	3.45	5900	445	38.8
6944399	258449	M36/24	Vanguard	4012903	12.8	0.0128	0.12	12200	4.4	39	0.2	25500	13.3	99	154.7	3.45	3300	385	29.8
6944400	258499	M36/24	Vanguard	4012904	-0.5	-0.0005	-0.05	13200	4	31	0.2	3200	14	96	54.1	3.4	2800	317	32.6
6944399	258550	M36/24	Vanguard	4012905	-0.5	-0.0005	-0.05	13100	3.6	26	0.2	2300	14.9	117	19.5	3.97	1500	459	26.2
6944398	258601	M36/24	Vanguard	4012906	2.6	0.0026	-0.05	14900	3.4	34	0.2	3600	13.7	116	29.5	4.48	2300	486	29.4
6944401	258652	M36/24	Vanguard	4012907	1.7	0.0017	-0.05	12400	3.3	25	0.2	3400	13.5	115	50.7	3.76	1600	292	25.8
6944398	258701	M36/24	Vanguard	4012908	4.2	0.0042	-0.05	14000	4.8	28	0.2	2900	17.2	109	71.9	3.97	2100	311	28.6
6944401	258750	M36/24	Vanguard	4012909	1.7	0.0017	-0.05	13200	3.7	25	0.2	3200	11.8	109	59.8	3.58	2900	250	29.2
6944400	258801	M36/24	Vanguard	4012910	2.9	0.0029	-0.05	12500	2.9	23	0.2	2900	10.6	101	49.2	3.17	2400	241	27
6944399	258851	M36/24	Vanguard	4012911	9.8	0.0098	-0.05	15200	4.2	44	0.2	27600	13.3	100	47.6	3.28	5700	246	38.7
6944400	258900	M36/24	Vanguard	4012912	2.5	0.0025	-0.05	14900	2.9	35	0.2	4100	11.8	110	43	3.52	3100	273	31.5
6944399	258948	M36/24	Vanguard	4012913	0.6	0.0006	-0.05	14700	3.4	28	0.2	3600	10.6	120	36.9	3.97	3400	228	32.1
6944400	259001	M36/24	Vanguard	4012914	1	0.001	-0.05	17900	3.8	39	0.2	4000	14.1	118	49.3	4.43	3500	363	38.7
6944398	259050	M36/24	Vanguard	4012915	1.1	0.0011	-0.05	10300	2.9	19	0.2	1400	9	111	36	3.36	1400	234	22.7
6944400	259099	M36/24	Vanguard	4012916	0.9	0.0009	-0.05	9000	3.2	19	0.2	1300	7.8	113	33.7	3.1	1300	227	22.3
6944403	259150	M36/24	Vanguard	4012917	1.1	0.0011	-0.05	11800	2.9	22	0.2	2100	10.8	113	39.8	3.58	1500	277	24.4
6944401	259203	M36/24	Vanguard	4012918	1	0.001	-0.05	12400	2.9	32	0.2	2900	10.4	107	33.1	3.36	3000	255	25.8
6944400	259249	M36/24	Vanguard	4012919	0.9	0.0009	-0.05	15800	3.2	29	0.3	2100	13.2	110	43.3	4.25	2900	341	29.7
6944400	259249	M36/24	Vanguard	4012920	2.4	0.0024	-0.05	14500	3.4	25	0.3	2300	14.2	113	41.7	4.04	2900	351	29.7
6944402	259299	M36/24	Vanguard	4012921	1.7	0.0017	-0.05	12400	3.3	26	0.2	1500	12.8	109	37.2	3.93	1500	437	25.1
6944400	259346	M36/24	Vanguard	4012922	0.7	0.0007	-0.05	11900	3.3	22	0.2	1500	10.9	113	38.4	3.6	1500	314	25.7
6944399	259397	M36/24	Vanguard	4012923	1.1	0.0011	-0.05	16300	4.2	34	0.3	2600	15.8	123	47.9	4.41	2100	465	37.1
6944402	259447	M36/24	Vanguard	4012924	4.4	0.0044	-0.05	14700	4.6	33	0.3	1200	16.3	128	41.4	4.43	1400	503	35.6
6944403	259499	M36/24	Vanguard	4012925	-0.5	-0.0005	-0.05	8500	4.1	19	0.2	700	10.3	121	31.6	3.88	900	348	21.6
6944398	259549	M36/24	Vanguard	4012926	0.9	0.0009	-0.05	10700	4.4	25	0.3	900	11.7	109	33.8	4.04	800	477	20.7
6944401	259598	M36/24	Vanguard	4012927	-0.5	-0.0005	-0.05	11800	4.4	12	0.3	600	8.9	110	27.3	3.97	600	244	18.1
6944402	259649	M36/24	Vanguard	4012928	-0.5	-0.0005	-0.05	12900	4.5	12	0.3	700	7.4	108	29.3	4.1	600	218	20.2
6944401	259699	M36/24	Vanguard	4012929	0.8	0.0008	-0.05	13800	4.4	20	0.3	800	15	119	36.7	4.26	900	531	24.5

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Pb_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6941406	258421	M36/24	Vanguard	4012348	5.6	-0.05	-0.5	0.1	310	20
6941400	258449	M36/24	Vanguard	4012349	6.4	-0.05	-0.5	-0.1	310	26
6941400	258449	M36/24	Vanguard	4012350	6.2	-0.05	-0.5	0.1	300	24
6941399	258499	M36/24	Vanguard	4012351	8.5	-0.05	-0.5	-0.1	300	31
6941396	258551	M36/24	Vanguard	4012352	7.4	-0.05	-0.5	-0.1	290	23
6941399	258597	M36/24	Vanguard	4012353	5.9	-0.05	-0.5	-0.1	270	22
6941398	258650	M36/24	Vanguard	4012354	6	-0.05	-0.5	-0.1	250	35
6941401	258699	M36/24	Vanguard	4012355	4.3	-0.05	-0.5	0.2	230	38
6941400	258747	M36/24	Vanguard	4012356	7.4	-0.05	-0.5	-0.1	220	28
6941399	258802	M36/24	Vanguard	4012357	6.7	-0.05	-0.5	-0.1	180	28
6941402	258848	M36/24	Vanguard	4012358	7.5	-0.05	-0.5	0.1	260	27
6941399	258900	M36/24	Vanguard	4012359	7.6	-0.05	-0.5	-0.1	240	26
6941397	258950	M36/24	Vanguard	4012360	6.7	-0.05	-0.5	0.1	310	23
6941398	258999	M36/24	Vanguard	4012361	5.2	-0.05	-0.5	-0.1	220	25
6941397	259048	M36/24	Vanguard	4012362	5.4	-0.05	-0.5	0.1	640	29
6941398	259101	M36/24	Vanguard	4012363	4.7	-0.05	-0.5	-0.1	610	29
6941397	259150	M36/24	Vanguard	4012364	4.7	-0.05	-0.5	0.1	540	33
6941400	259198	M36/24	Vanguard	4012365	6.1	-0.05	-0.5	-0.1	550	26
6941395	259248	M36/24	Vanguard	4012367	5.5	-0.05	-0.5	-0.1	650	30
6941398	259299	M36/24	Vanguard	4012368	5	-0.05	-0.5	-0.1	350	27
6941403	259353	M36/24	Vanguard	4012369	4.9	-0.05	-0.5	-0.1	300	28
6941396	259404	M36/24	Vanguard	4012370	4.5	-0.05	-0.5	-0.1	230	26
6941399	259448	M36/24	Vanguard	4012371	4.5	-0.05	-0.5	-0.1	370	26
6941402	259499	M36/24	Vanguard	4012372	4.6	-0.05	-0.5	-0.1	480	26
6941401	259547	M36/24	Vanguard	4012373	5.9	-0.05	-0.5	-0.1	360	30
6941400	259598	M36/24	Vanguard	4012374	8.8	-0.05	-0.5	-0.1	320	46
6941401	259646	M36/24	Vanguard	4012375	11.6	0.07	0.5	-0.1	260	82
6941402	259700	M36/24	Vanguard	4012376	6.1	-0.05	-0.5	0.1	230	41
6941403	259749	M36/24	Vanguard	4012377	7.4	-0.05	-0.5	-0.1	230	45
6941402	259800	M36/24	Vanguard	4012378	7.6	-0.05	-0.5	-0.1	230	43
6941403	259848	M36/24	Vanguard	4012379	8.5	-0.05	-0.5	0.1	230	42
6941403	259848	M36/24	Vanguard	4012380	9	-0.05	0.5	-0.1	210	42
6941401	259901	M36/24	Vanguard	4012381	16.5	0.25	-0.5	-0.1	160	51
6941400	259958	M36/24	Vanguard	4012382	6	-0.05	-0.5	0.1	210	21
6941598	258401	M36/24	Vanguard	4012414	4.9	-0.05	-0.5	0.1	320	16
6941599	258452	M36/24	Vanguard	4012415	6.4	-0.05	-0.5	0.1	420	28
6941598	258505	M36/24	Vanguard	4012416	5.9	-0.05	-0.5	0.1	320	28
6941599	258552	M36/24	Vanguard	4012417	5.5	-0.05	-0.5	0.1	340	40
6941598	258598	M36/24	Vanguard	4012418	4.6	-0.05	-0.5	0.1	260	41
6941596	258651	M36/24	Vanguard	4012419	6.2	-0.05	-0.5	0.1	300	25
6941596	258651	M36/24	Vanguard	4012420	6.3	-0.05	-0.5	-0.1	290	23
6941600	258702	M36/24	Vanguard	4012421	7.4	-0.05	0.5	0.1	410	24
6941601	258750	M36/24	Vanguard	4012422	7.1	-0.05	-0.5	-0.1	200	34
6941599	258799	M36/24	Vanguard	4012423	21.7	-0.05	-0.5	0.1	220	31
6941596	258845	M36/24	Vanguard	4012424	6.8	-0.05	-0.5	-0.1	200	28

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Pb_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6941599	258900	M36/24	Vanguard	4012425	5	-0.05	-0.5	-0.1	180	26
6941598	258951	M36/24	Vanguard	4012426	5.4	-0.05	-0.5	0.1	210	20
6941599	258995	M36/24	Vanguard	4012427	5.9	-0.05	-0.5	0.1	270	25
6941596	259046	M36/24	Vanguard	4012428	5.7	-0.05	-0.5	0.1	530	31
6941595	259096	M36/24	Vanguard	4012429	5.7	-0.05	-0.5	0.1	480	25
6941600	259153	M36/24	Vanguard	4012430	5.4	-0.05	-0.5	0.1	650	28
6941599	259197	M36/24	Vanguard	4012431	4.2	-0.05	-0.5	0.1	550	28
6941600	259247	M36/24	Vanguard	4012432	5	-0.05	-0.5	0.1	800	26
6941599	259298	M36/24	Vanguard	4012434	9.6	-0.05	-0.5	0.1	550	26
6941600	259349	M36/24	Vanguard	4012435	5.4	-0.05	-0.5	0.1	470	27
6941601	259749	M36/24	Vanguard	4012443	4.8	-0.05	-0.5	0.1	330	24
6941600	259798	M36/24	Vanguard	4012444	6.8	-0.05	-0.5	0.2	280	25
6941601	259848	M36/24	Vanguard	4012445	10.1	-0.05	-0.5	0.1	290	26
6941596	259902	M36/24	Vanguard	4012446	8.7	-0.05	-0.5	-0.1	230	31
6941800	258351	M36/24	Vanguard	4012481	5.2	-0.05	0.5	0.1	290	15
6941805	258398	M36/24	Vanguard	4012482	5.1	-0.05	-0.5	0.1	260	17
6941810	258456	M36/24	Vanguard	4012483	6.9	-0.05	-0.5	0.1	260	31
6941802	258501	M36/24	Vanguard	4012484	7	-0.05	-0.5	0.1	330	25
6941799	258553	M36/24	Vanguard	4012485	8.6	-0.05	-0.5	0.1	280	44
6941798	258601	M36/24	Vanguard	4012486	8.3	-0.05	-0.5	0.1	300	34
6941799	258649	M36/24	Vanguard	4012487	6.1	-0.05	-0.5	0.1	260	32
6941804	258695	M36/24	Vanguard	4012488	7	-0.05	-0.5	0.1	210	31
6941801	258759	M36/24	Vanguard	4012489	6.3	-0.05	-0.5	0.1	340	27
6941800	258799	M36/24	Vanguard	4012490	5.7	-0.05	-0.5	0.1	360	26
6941801	258846	M36/24	Vanguard	4012491	5.5	-0.05	-0.5	0.1	600	20
6941798	258897	M36/24	Vanguard	4012492	5.5	-0.05	0.5	0.1	570	25
6941799	258948	M36/24	Vanguard	4012493	5.5	-0.05	-0.5	0.1	450	25
6941799	259001	M36/24	Vanguard	4012494	5.4	-0.05	0.6	0.1	570	23
6941799	259049	M36/24	Vanguard	4012495	5	-0.05	-0.5	0.1	560	25
6941800	259093	M36/24	Vanguard	4012496	6.1	-0.05	-0.5	0.1	430	33
6941796	259151	M36/24	Vanguard	4012497	4.7	-0.05	-0.5	0.1	750	26
6941799	259202	M36/24	Vanguard	4012498	5.5	-0.05	-0.5	0.1	880	36
6941802	259254	M36/24	Vanguard	4012500	5	-0.05	-0.5	0.1	600	32
6941799	259302	M36/24	Vanguard	4012501	5.5	-0.05	-0.5	0.1	520	27
6941798	259350	M36/24	Vanguard	4012502	5.4	-0.05	0.5	0.1	670	30
6941801	259401	M36/24	Vanguard	4012503	4.8	-0.05	-0.5	0.1	620	26
6941805	259442	M36/24	Vanguard	4012504	3.6	-0.05	-0.5	-0.1	410	19
6941803	259506	M36/24	Vanguard	4012505	5.5	0.09	-0.5	0.1	420	33
6941825	259568	M36/24	Vanguard	4012506	5.4	-0.05	-0.5	0.1	220	38
6941816	259605	M36/24	Vanguard	4012507	5	-0.05	-0.5	0.1	270	29
6941810	259654	M36/24	Vanguard	4012508	9	0.14	-0.5	0.1	250	55
6941814	259699	M36/24	Vanguard	4012509	10.1	0.46	0.5	-0.1	250	64
6941800	259748	M36/24	Vanguard	4012510	6.3	-0.05	-0.5	0.1	290	22
6941805	259788	M36/24	Vanguard	4012511	6.2	-0.05	-0.5	0.1	280	25
6941804	259848	M36/24	Vanguard	4012512	7.2	-0.05	-0.5	0.1	270	19

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Pb_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6941800	259900	M36/24	Vanguard	4012513	8.7	-0.05	-0.5	0.1	260	22
6942000	258355	M36/24	Vanguard	4012539	4.6	-0.05	-0.5	0.1	330	26
6942001	258400	M36/24	Vanguard	4012540	9	-0.05	-0.5	0.1	230	36
6942002	258451	M36/24	Vanguard	4012541	8.5	-0.05	-0.5	0.1	240	31
6942005	258505	M36/24	Vanguard	4012542	9.1	-0.05	-0.5	0.1	190	26
6941995	258551	M36/24	Vanguard	4012543	12.9	-0.05	0.7	0.2	190	48
6942007	258602	M36/24	Vanguard	4012544	7.1	-0.05	-0.5	0.1	480	29
6941999	258655	M36/24	Vanguard	4012545	8.2	-0.05	-0.5	0.1	240	17
6942029	258697	M36/24	Vanguard	4012546	7.4	-0.05	-0.5	0.1	190	20
6941984	258754	M36/24	Vanguard	4012547	5.4	-0.05	-0.5	0.1	200	25
6941998	258800	M36/24	Vanguard	4012548	5.5	-0.05	-0.5	0.1	250	21
6941999	258851	M36/24	Vanguard	4012549	4.9	-0.05	-0.5	-0.1	790	22
6941999	258851	M36/24	Vanguard	4012550	5.5	-0.05	-0.5	-0.1	710	22
6942002	258898	M36/24	Vanguard	4012551	4.7	-0.05	0.6	0.1	560	22
6942003	258953	M36/24	Vanguard	4012552	5.1	-0.05	-0.5	0.1	290	20
6941998	258999	M36/24	Vanguard	4012553	3.7	-0.05	-0.5	0.1	260	13
6942001	259048	M36/24	Vanguard	4012554	5.3	-0.05	-0.5	0.1	420	19
6942002	259099	M36/24	Vanguard	4012555	8.1	-0.05	-0.5	0.1	430	32
6941999	259157	M36/24	Vanguard	4012556	4.7	-0.05	-0.5	0.1	340	29
6941997	259206	M36/24	Vanguard	4012557	3.4	-0.05	-0.5	0.1	380	24
6941996	259249	M36/24	Vanguard	4012558	3.9	-0.05	-0.5	0.1	480	30
6941995	259303	M36/24	Vanguard	4012559	4.9	-0.05	-0.5	0.1	680	27
6941998	259351	M36/24	Vanguard	4012560	5	-0.05	-0.5	0.1	590	26
6942001	259402	M36/24	Vanguard	4012561	5.5	-0.05	-0.5	0.1	550	38
6941998	259450	M36/24	Vanguard	4012562	4	-0.05	-0.5	-0.1	390	24
6942016	259515	M36/24	Vanguard	4012563	4.8	-0.05	-0.5	0.1	480	33
6942000	259548	M36/24	Vanguard	4012564	6.5	-0.05	0.6	-0.1	210	46
6942001	259601	M36/24	Vanguard	4012565	7.8	-0.05	-0.5	-0.1	200	37
6942007	259652	M36/24	Vanguard	4012567	7.8	-0.05	1.3	-0.1	220	26
6942027	259699	M36/24	Vanguard	4012568	8.9	-0.05	0.8	0.1	250	25
6942200	258751	M36/24	Vanguard	4012591	6.6	-0.05	0.6	0.1	430	18
6942197	258799	M36/24	Vanguard	4012592	6.9	-0.05	-0.5	0.1	210	28
6942202	258851	M36/24	Vanguard	4012593	6.6	-0.05	-0.5	0.1	470	21
6942199	258901	M36/24	Vanguard	4012594	7	-0.05	-0.5	0.1	250	32
6942202	258949	M36/24	Vanguard	4012595	8.6	-0.05	-0.5	0.1	270	33
6942200	259001	M36/24	Vanguard	4012596	6.3	-0.05	-0.5	0.1	240	26
6942208	259503	M36/24	Vanguard	4012597	8.3	-0.05	0.6	0.1	260	39
6942201	259553	M36/24	Vanguard	4012598	7	-0.05	0.6	0.1	220	32
6942200	259595	M36/24	Vanguard	4012600	4.9	-0.05	-0.5	0.1	140	41
6942201	259650	M36/24	Vanguard	4012601	6.2	-0.05	-0.5	0.1	180	47
6942200	259699	M36/24	Vanguard	4012602	7.9	-0.05	-0.5	0.1	200	22
6942199	259747	M36/24	Vanguard	4012603	9.7	-0.05	-0.5	0.1	240	23
6942399	258352	M36/24	Vanguard	4012604	5.7	-0.05	-0.5	0.1	320	24
6942402	258401	M36/24	Vanguard	4012605	6.1	-0.05	-0.5	0.1	240	31
6942397	258448	M36/24	Vanguard	4012606	6.9	-0.05	-0.5	0.1	250	28

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Pb_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6942400	258500	M36/24	Vanguard	4012607	7.7	-0.05	0.5	0.1	270	23
6942399	258550	M36/24	Vanguard	4012608	7.2	-0.05	-0.5	0.1	230	30
6942400	258601	M36/24	Vanguard	4012609	7.7	-0.05	0.6	0.1	230	31
6942399	258648	M36/24	Vanguard	4012610	7.2	-0.05	0.5	0.1	210	29
6942402	258699	M36/24	Vanguard	4012611	6	-0.05	-0.5	0.1	270	21
6942400	258752	M36/24	Vanguard	4012612	5.5	-0.05	-0.5	0.1	250	18
6942401	258798	M36/24	Vanguard	4012613	5.4	-0.05	0.5	0.1	200	25
6942402	258851	M36/24	Vanguard	4012614	7.6	-0.05	-0.5	-0.1	210	35
6942401	258900	M36/24	Vanguard	4012615	6.8	0.09	-0.5	-0.1	200	33
6942398	258950	M36/24	Vanguard	4012616	7.2	-0.05	-0.5	0.1	220	31
6942399	258999	M36/24	Vanguard	4012617	6.3	-0.05	-0.5	0.1	220	29
6942398	259499	M36/24	Vanguard	4012618	5.8	-0.05	0.8	0.1	240	26
6942399	259549	M36/24	Vanguard	4012619	5.6	-0.05	0.6	0.1	240	23
6942399	259549	M36/24	Vanguard	4012620	5.7	-0.05	0.7	0.1	230	23
6942400	259600	M36/24	Vanguard	4012621	6.1	-0.05	0.7	0.1	250	20
6942401	259651	M36/24	Vanguard	4012622	6.1	-0.05	0.7	0.1	240	19
6942402	259698	M36/24	Vanguard	4012623	5.8	-0.05	0.6	0.1	200	19
6942401	259743	M36/24	Vanguard	4012624	8	-0.05	0.6	-0.1	170	28
6942602	258353	M36/24	Vanguard	4012625	7.1	-0.05	-0.5	0.1	340	25
6942598	258401	M36/24	Vanguard	4012626	5.8	-0.05	-0.5	0.1	350	19
6942603	258450	M36/24	Vanguard	4012627	6.8	-0.05	-0.5	-0.1	250	27
6942602	258501	M36/24	Vanguard	4012628	7.7	-0.05	-0.5	-0.1	290	30
6942601	258551	M36/24	Vanguard	4012629	6.8	-0.05	0.5	0.1	460	24
6942602	258602	M36/24	Vanguard	4012630	7.1	-0.05	-0.5	-0.1	560	26
6942601	258653	M36/24	Vanguard	4012631	6.8	-0.05	-0.5	-0.1	440	27
6942598	258700	M36/24	Vanguard	4012632	8.7	-0.05	0.5	-0.1	430	28
6942601	258743	M36/24	Vanguard	4012634	6.1	-0.05	-0.5	0.1	450	20
6942600	258797	M36/24	Vanguard	4012635	5.8	-0.05	-0.5	-0.1	250	20
6942599	258849	M36/24	Vanguard	4012636	5.4	-0.05	-0.5	0.1	200	27
6942600	258898	M36/24	Vanguard	4012637	6.9	-0.05	-0.5	0.2	190	26
6942598	258947	M36/24	Vanguard	4012638	4.6	-0.05	0.5	0.1	190	33
6942601	259003	M36/24	Vanguard	4012639	6	-0.05	0.5	0.1	150	27
6942600	259051	M36/24	Vanguard	4012640	5.7	-0.05	-0.5	0.2	180	31
6942599	259102	M36/24	Vanguard	4012641	4.9	-0.05	0.5	0.1	200	22
6942602	259146	M36/24	Vanguard	4012642	6.3	-0.05	-0.5	0.2	180	24
6942601	259202	M36/24	Vanguard	4012643	5.6	-0.05	-0.5	0.2	190	23
6942594	259252	M36/24	Vanguard	4012644	5.2	-0.05	-0.5	0.2	230	21
6942623	259306	M36/24	Vanguard	4012645	5.4	-0.05	0.5	0.2	260	27
6942598	259349	M36/24	Vanguard	4012646	5.9	-0.05	0.5	0.2	350	24
6942597	259402	M36/24	Vanguard	4012647	6	-0.05	-0.5	0.1	350	26
6942598	259449	M36/24	Vanguard	4012648	6.7	-0.05	0.7	0.1	280	26
6942597	259500	M36/24	Vanguard	4012649	8.1	-0.05	0.5	0.2	300	16
6942597	259500	M36/24	Vanguard	4012650	7.9	-0.05	-0.5	0.2	310	18
6942600	259550	M36/24	Vanguard	4012651	7.5	-0.05	0.6	0.2	270	18
6942599	259602	M36/24	Vanguard	4012652	5.7	-0.05	-0.5	0.2	250	15

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Pb_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6942604	259650	M36/24	Vanguard	4012653	5.4	-0.05	-0.5	0.2	220	15
6942600	259701	M36/24	Vanguard	4012654	5.8	-0.05	-0.5	0.2	240	12
6942606	259742	M36/24	Vanguard	4012655	5.5	-0.05	-0.5	0.2	220	12
6942802	258352	M36/24	Vanguard	4012656	5.8	-0.05	-0.5	0.2	170	28
6942805	258398	M36/24	Vanguard	4012657	5.7	-0.05	-0.5	0.2	130	24
6942798	258448	M36/24	Vanguard	4012658	4.7	-0.05	-0.5	0.2	270	33
6942796	258499	M36/24	Vanguard	4012659	7.9	-0.05	-0.5	0.2	210	32
6942798	258547	M36/24	Vanguard	4012660	6.7	-0.05	-0.5	0.1	190	43
6942798	258601	M36/24	Vanguard	4012661	6.7	-0.05	-0.5	0.2	190	30
6942797	258650	M36/24	Vanguard	4012662	6.1	-0.05	-0.5	0.2	200	29
6942798	258700	M36/24	Vanguard	4012663	5.8	-0.05	-0.5	0.1	270	32
6942801	258749	M36/24	Vanguard	4012664	5.4	-0.05	-0.5	0.1	180	27
6942798	258797	M36/24	Vanguard	4012665	6.4	-0.05	-0.5	0.2	140	26
6942801	258848	M36/24	Vanguard	4012667	5.1	-0.05	-0.5	0.1	140	27
6942800	258899	M36/24	Vanguard	4012668	6.2	-0.05	-0.5	0.1	120	29
6942799	258950	M36/24	Vanguard	4012669	5.2	-0.05	-0.5	0.2	230	25
6942802	259001	M36/24	Vanguard	4012670	5.8	-0.05	-0.5	-0.1	210	26
6942799	259052	M36/24	Vanguard	4012671	4.4	-0.05	-0.5	0.1	260	24
6942802	259101	M36/24	Vanguard	4012672	4.3	-0.05	-0.5	0.1	290	18
6942801	259149	M36/24	Vanguard	4012673	3.9	-0.05	-0.5	-0.1	220	19
6942798	259198	M36/24	Vanguard	4012674	4.3	-0.05	-0.5	-0.1	280	20
6942799	259251	M36/24	Vanguard	4012675	6.2	-0.05	-0.5	-0.1	310	31
6942799	259299	M36/24	Vanguard	4012676	6.8	-0.05	-0.5	-0.1	300	30
6942800	259348	M36/24	Vanguard	4012677	8	-0.05	0.5	-0.1	280	33
6942802	259401	M36/24	Vanguard	4012678	8.7	-0.05	-0.5	-0.1	310	35
6942803	259450	M36/24	Vanguard	4012679	8.3	-0.05	-0.5	-0.1	330	34
6942803	259450	M36/24	Vanguard	4012680	8.7	-0.05	-0.5	-0.1	330	34
6942801	259498	M36/24	Vanguard	4012681	6.4	-0.05	0.5	-0.1	310	27
6942800	259547	M36/24	Vanguard	4012682	4.5	-0.05	-0.5	-0.1	290	18
6942797	259598	M36/24	Vanguard	4012683	5.6	-0.05	-0.5	-0.1	340	24
6942792	259641	M36/24	Vanguard	4012684	6	-0.05	-0.5	-0.1	340	18
6942801	259702	M36/24	Vanguard	4012685	6.7	-0.05	-0.5	-0.1	260	20
6942802	259751	M36/24	Vanguard	4012686	6.5	-0.05	0.6	-0.1	210	34
6943000	258348	M36/24	Vanguard	4012687	5.7	-0.05	-0.5	-0.1	610	25
6942997	258400	M36/24	Vanguard	4012688	6.6	-0.05	-0.5	-0.1	510	25
6942998	258451	M36/24	Vanguard	4012689	3.9	-0.05	-0.5	-0.1	370	18
6943003	258498	M36/24	Vanguard	4012690	5.8	-0.05	0.5	-0.1	340	20
6942998	258549	M36/24	Vanguard	4012691	5.7	-0.05	-0.5	-0.1	240	18
6943001	258600	M36/24	Vanguard	4012692	5.6	-0.05	0.5	-0.1	300	19
6943002	258651	M36/24	Vanguard	4012693	6.4	-0.05	0.5	-0.1	490	18
6942994	258696	M36/24	Vanguard	4012694	5.8	-0.05	0.5	-0.1	470	18
6943000	258752	M36/24	Vanguard	4012695	4.7	-0.05	-0.5	-0.1	370	18
6943001	258796	M36/24	Vanguard	4012696	4.9	-0.05	0.6	-0.1	350	16
6943004	258847	M36/24	Vanguard	4012697	4.3	-0.05	0.6	-0.1	480	17
6943001	258902	M36/24	Vanguard	4012698	4.7	-0.05	0.5	-0.1	410	22

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Pb_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6943002	258948	M36/24	Vanguard	4012700	5.4	-0.05	-0.5	-0.1	440	22
6943005	259000	M36/24	Vanguard	4012701	6	-0.05	0.5	-0.1	410	25
6943002	259051	M36/24	Vanguard	4012702	5.8	-0.05	-0.5	-0.1	280	28
6942996	259097	M36/24	Vanguard	4012703	4.5	-0.05	-0.5	-0.1	560	16
6942999	259150	M36/24	Vanguard	4012704	4.5	-0.05	-0.5	-0.1	530	18
6943002	259199	M36/24	Vanguard	4012705	5.3	-0.05	0.5	0.1	580	21
6942999	259251	M36/24	Vanguard	4012706	5.9	-0.05	-0.5	0.1	510	20
6942998	259298	M36/24	Vanguard	4012707	4.2	-0.05	-0.5	-0.1	390	19
6942997	259353	M36/24	Vanguard	4012708	5.8	-0.05	-0.5	-0.1	310	30
6943002	259405	M36/24	Vanguard	4012709	4.1	-0.05	-0.5	0.1	310	28
6942999	259453	M36/24	Vanguard	4012710	6.3	-0.05	-0.5	0.1	300	24
6942998	259496	M36/24	Vanguard	4012711	4.3	-0.05	0.5	0.1	220	29
6942995	259530	M36/24	Vanguard	4012712	7	-0.05	-0.5	-0.1	200	30
6942999	259601	M36/24	Vanguard	4012713	8	-0.05	-0.5	0.1	280	22
6942999	259649	M36/24	Vanguard	4012714	8.2	-0.05	-0.5	0.1	290	21
6943001	259701	M36/24	Vanguard	4012715	8.9	-0.05	0.5	0.1	280	24
6943001	259749	M36/24	Vanguard	4012716	7.4	-0.05	-0.5	-0.1	300	21
6943197	258348	M36/24	Vanguard	4012717	5.4	-0.05	0.5	0.1	400	29
6943198	258397	M36/24	Vanguard	4012718	6.2	-0.05	-0.5	0.1	550	19
6943199	258450	M36/24	Vanguard	4012719	5.5	-0.05	-0.5	0.1	250	23
6943199	258450	M36/24	Vanguard	4012720	5.8	-0.05	-0.5	0.1	250	23
6943197	258499	M36/24	Vanguard	4012721	5.4	-0.05	-0.5	-0.1	290	21
6943198	258552	M36/24	Vanguard	4012722	4.3	-0.05	-0.5	-0.1	410	22
6943199	258601	M36/24	Vanguard	4012723	4.3	-0.05	-0.5	0.1	390	23
6943198	258647	M36/24	Vanguard	4012724	4.8	-0.05	-0.5	-0.1	220	22
6943201	258698	M36/24	Vanguard	4012725	3.8	-0.05	-0.5	-0.1	310	23
6943198	258749	M36/24	Vanguard	4012726	4.7	-0.05	-0.5	-0.1	370	17
6943199	258797	M36/24	Vanguard	4012727	4.3	-0.05	-0.5	0.1	440	15
6943198	258850	M36/24	Vanguard	4012728	3.8	-0.05	0.5	-0.1	570	19
6943197	258901	M36/24	Vanguard	4012729	4.4	-0.05	-0.5	0.1	520	18
6943200	258947	M36/24	Vanguard	4012730	4.7	-0.05	-0.5	-0.1	430	17
6943201	259000	M36/24	Vanguard	4012731	4.1	-0.05	0.5	-0.1	410	16
6943202	259047	M36/24	Vanguard	4012732	4.9	-0.05	0.5	0.1	440	19
6943199	259102	M36/24	Vanguard	4012734	5	-0.05	-0.5	-0.1	660	25
6943202	259148	M36/24	Vanguard	4012735	6.1	-0.05	0.6	-0.1	560	19
6943201	259204	M36/24	Vanguard	4012736	4.2	-0.05	-0.5	-0.1	290	17
6943200	259250	M36/24	Vanguard	4012737	4.7	-0.05	-0.5	-0.1	270	17
6943201	259299	M36/24	Vanguard	4012738	4.7	-0.05	-0.5	-0.1	250	19
6943201	259349	M36/24	Vanguard	4012739	5.4	-0.05	-0.5	-0.1	210	24
6943200	259400	M36/24	Vanguard	4012740	5.1	-0.05	-0.5	-0.1	180	29
6943197	259451	M36/24	Vanguard	4012741	8	-0.05	-0.5	-0.1	160	33
6943202	259503	M36/24	Vanguard	4012742	7.3	-0.05	-0.5	-0.1	180	27
6943197	259549	M36/24	Vanguard	4012743	8.6	-0.05	-0.5	-0.1	210	21
6943204	259602	M36/24	Vanguard	4012744	4.3	-0.05	-0.5	0.1	260	21
6943201	259653	M36/24	Vanguard	4012745	4.8	-0.05	-0.5	0.1	300	21

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Pb_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6943196	259699	M36/24	Vanguard	4012746	6	-0.05	0.5	0.1	230	23
6943197	259747	M36/24	Vanguard	4012747	9	-0.05	0.5	-0.1	220	25
6943404	258349	M36/24	Vanguard	4012748	5.5	-0.05	-0.5	-0.1	570	23
6943398	258398	M36/24	Vanguard	4012749	5.2	-0.05	-0.5	-0.1	510	26
6943398	258398	M36/24	Vanguard	4012750	5.2	-0.05	-0.5	0.1	520	27
6943401	258451	M36/24	Vanguard	4012751	6.1	-0.05	0.5	-0.1	430	21
6943400	258504	M36/24	Vanguard	4012752	5.9	-0.05	-0.5	0.1	240	28
6943399	258551	M36/24	Vanguard	4012753	5.8	-0.05	-0.5	-0.1	280	28
6943400	258606	M36/24	Vanguard	4012754	3.4	-0.05	-0.5	-0.1	400	19
6943399	258653	M36/24	Vanguard	4012755	3.1	-0.05	-0.5	-0.1	250	18
6943398	258699	M36/24	Vanguard	4012756	4.3	-0.05	-0.5	0.1	260	25
6943399	258749	M36/24	Vanguard	4012757	5.2	-0.05	-0.5	0.1	200	19
6943397	258798	M36/24	Vanguard	4012758	6.7	-0.05	-0.5	-0.1	500	20
6943401	258851	M36/24	Vanguard	4012759	5.9	-0.05	0.5	-0.1	480	23
6943402	258900	M36/24	Vanguard	4012760	4.4	-0.05	-0.5	-0.1	250	26
6943402	258953	M36/24	Vanguard	4012761	4.1	-0.05	-0.5	-0.1	270	19
6943399	259002	M36/24	Vanguard	4012762	4.9	-0.05	-0.5	-0.1	250	23
6943405	259048	M36/24	Vanguard	4012763	5.4	-0.05	-0.5	-0.1	450	23
6943399	259098	M36/24	Vanguard	4012764	5.2	-0.05	-0.5	-0.1	660	21
6943402	259154	M36/24	Vanguard	4012765	4.7	-0.05	-0.5	-0.1	440	15
6943403	259201	M36/24	Vanguard	4012767	5.4	-0.05	-0.5	0.1	530	18
6943402	259249	M36/24	Vanguard	4012768	5.7	-0.05	-0.5	0.1	330	27
6943403	259299	M36/24	Vanguard	4012769	6.6	-0.05	-0.5	-0.1	280	21
6943398	259350	M36/24	Vanguard	4012770	7.4	-0.05	-0.5	0.1	300	23
6943397	259399	M36/24	Vanguard	4012771	7	-0.05	0.5	0.1	230	27
6943404	259450	M36/24	Vanguard	4012772	5.7	-0.05	-0.5	0.1	280	24
6943399	259503	M36/24	Vanguard	4012773	7.4	-0.05	0.6	0.1	270	23
6943401	259562	M36/24	Vanguard	4012774	9.1	-0.05	0.6	0.1	230	36
6943401	259598	M36/24	Vanguard	4012775	8.7	-0.05	0.8	0.1	280	22
6943400	259651	M36/24	Vanguard	4012776	8.5	-0.05	-0.5	0.1	280	23
6943396	259700	M36/24	Vanguard	4012777	9.7	-0.05	-0.5	0.1	280	33
6943401	259746	M36/24	Vanguard	4012778	10.6	-0.05	0.5	0.1	290	31
6943602	258351	M36/24	Vanguard	4012779	5.2	-0.05	-0.5	0.1	590	29
6943602	258351	M36/24	Vanguard	4012780	5	-0.05	-0.5	0.1	590	27
6943598	258402	M36/24	Vanguard	4012781	5.8	-0.05	-0.5	0.1	350	29
6943600	258447	M36/24	Vanguard	4012782	4.7	-0.05	-0.5	-0.1	490	21
6943598	258498	M36/24	Vanguard	4012783	4.6	-0.05	-0.5	-0.1	330	16
6943600	258546	M36/24	Vanguard	4012784	4	-0.05	-0.5	0.1	410	16
6943600	258602	M36/24	Vanguard	4012785	4.4	-0.05	-0.5	0.1	280	23
6943599	258649	M36/24	Vanguard	4012786	3.7	-0.05	-0.5	0.1	230	18
6943600	258702	M36/24	Vanguard	4012787	4	-0.05	-0.5	-0.1	200	19
6943597	258753	M36/24	Vanguard	4012788	3.8	-0.05	-0.5	0.1	370	19
6943598	258801	M36/24	Vanguard	4012789	3.9	-0.05	-0.5	0.1	340	19
6943601	258853	M36/24	Vanguard	4012790	4.1	-0.05	-0.5	0.1	200	19
6943598	258903	M36/24	Vanguard	4012791	4.2	-0.05	0.6	0.1	210	24

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Pb_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6943599	258954	M36/24	Vanguard	4012792	4.9	-0.05	-0.5	0.1	220	26
6943602	259002	M36/24	Vanguard	4012793	5.8	-0.05	-0.5	-0.1	320	31
6943599	259051	M36/24	Vanguard	4012794	4.4	-0.05	-0.5	-0.1	310	18
6943597	259102	M36/24	Vanguard	4012795	3.7	-0.05	-0.5	0.1	290	16
6943569	259131	M36/24	Vanguard	4012796	4.6	-0.05	-0.5	0.1	200	19
6943599	259201	M36/24	Vanguard	4012797	5.8	-0.05	-0.5	0.1	230	36
6943598	259249	M36/24	Vanguard	4012798	6.3	-0.05	-0.5	0.1	200	27
6943597	259300	M36/24	Vanguard	4012800	6.8	-0.05	0.7	0.1	180	28
6943598	259351	M36/24	Vanguard	4012801	7.2	-0.05	0.8	0.1	220	26
6943599	259403	M36/24	Vanguard	4012802	7.9	-0.05	-0.5	-0.1	220	35
6943602	259451	M36/24	Vanguard	4012803	7.4	-0.05	-0.5	-0.1	230	30
6943601	259502	M36/24	Vanguard	4012804	8.1	-0.05	0.6	-0.1	230	25
6943600	259548	M36/24	Vanguard	4012805	9.1	-0.05	-0.5	-0.1	240	32
6943602	259650	M36/24	Vanguard	4012807	9.4	-0.05	-0.5	-0.1	280	24
6943599	259703	M36/24	Vanguard	4012808	9.9	-0.05	-0.5	-0.1	260	40
6943602	259752	M36/24	Vanguard	4012809	10.6	-0.05	-0.5	-0.1	300	33
6943802	258352	M36/24	Vanguard	4012810	5.1	-0.05	-0.5	0.1	370	27
6943799	258398	M36/24	Vanguard	4012811	4.3	-0.05	-0.5	-0.1	260	39
6943802	258453	M36/24	Vanguard	4012812	4.4	-0.05	-0.5	-0.1	340	33
6943795	258501	M36/24	Vanguard	4012813	4.3	-0.05	-0.5	-0.1	190	29
6943796	258552	M36/24	Vanguard	4012814	5.5	-0.05	-0.5	-0.1	270	26
6943799	258599	M36/24	Vanguard	4012815	5.3	-0.05	-0.5	-0.1	250	31
6943802	258652	M36/24	Vanguard	4012816	5.4	-0.05	-0.5	-0.1	190	30
6943798	258701	M36/24	Vanguard	4012817	4.9	-0.05	-0.5	-0.1	270	21
6943802	258751	M36/24	Vanguard	4012818	4.7	-0.05	-0.5	-0.1	300	22
6943799	258797	M36/24	Vanguard	4012819	5.3	-0.05	-0.5	-0.1	250	22
6943799	258797	M36/24	Vanguard	4012820	5.1	-0.05	-0.5	0.1	260	23
6943799	258853	M36/24	Vanguard	4012821	6.2	-0.05	-0.5	0.1	310	20
6943798	258901	M36/24	Vanguard	4012822	5.8	-0.05	-0.5	-0.1	220	24
6943795	258948	M36/24	Vanguard	4012823	8.1	-0.05	-0.5	-0.1	230	28
6943798	259001	M36/24	Vanguard	4012824	5.7	-0.05	-0.5	0.1	230	25
6943799	259052	M36/24	Vanguard	4012825	5.7	-0.05	-0.5	0.1	210	24
6943798	259101	M36/24	Vanguard	4012826	6.1	-0.05	-0.5	0.1	200	28
6943803	259149	M36/24	Vanguard	4012827	7.2	-0.05	-0.5	0.1	240	30
6943802	259202	M36/24	Vanguard	4012828	7.2	-0.05	-0.5	0.1	160	35
6943801	259251	M36/24	Vanguard	4012829	7.7	-0.05	0.5	-0.1	170	43
6943796	259299	M36/24	Vanguard	4012830	7.9	-0.05	-0.5	0.1	220	20
6943796	259350	M36/24	Vanguard	4012831	8.7	-0.05	0.5	-0.1	230	23
6943800	259403	M36/24	Vanguard	4012832	9.3	-0.05	-0.5	-0.1	230	33
6943801	259450	M36/24	Vanguard	4012834	9.2	-0.05	0.5	-0.1	280	29
6943798	259496	M36/24	Vanguard	4012835	9.4	-0.05	0.5	0.1	270	31
6943798	259549	M36/24	Vanguard	4012836	9.7	-0.05	0.5	-0.1	260	28
6943800	259598	M36/24	Vanguard	4012837	9.4	-0.05	0.5	0.1	270	28
6943801	259697	M36/24	Vanguard	4012839	8.8	-0.05	0.6	0.1	240	20
6943999	258348	M36/24	Vanguard	4012841	5.9	-0.05	-0.5	-0.1	500	19

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Pb_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6944000	258399	M36/24	Vanguard	4012842	5.5	-0.05	-0.5	-0.1	370	27
6943999	258449	M36/24	Vanguard	4012843	4.9	-0.05	-0.5	0.1	240	30
6944001	258500	M36/24	Vanguard	4012844	4	-0.05	-0.5	-0.1	180	23
6944000	258549	M36/24	Vanguard	4012845	4.8	-0.05	-0.5	0.1	240	24
6943999	258600	M36/24	Vanguard	4012846	5.4	-0.05	-0.5	-0.1	490	22
6944000	258651	M36/24	Vanguard	4012847	5.4	-0.05	-0.5	0.1	270	17
6943999	258699	M36/24	Vanguard	4012848	4.1	-0.05	-0.5	0.1	350	13
6944000	258747	M36/24	Vanguard	4012849	5.4	-0.05	-0.5	-0.1	290	22
6944000	258747	M36/24	Vanguard	4012850	5.6	-0.05	-0.5	0.1	310	22
6944001	258798	M36/24	Vanguard	4012851	6	-0.05	-0.5	-0.1	190	23
6944000	258851	M36/24	Vanguard	4012852	4.8	-0.05	-0.5	0.1	220	18
6943999	258902	M36/24	Vanguard	4012853	13.8	-0.05	0.5	-0.1	250	25
6944000	258951	M36/24	Vanguard	4012854	6.8	-0.05	0.5	-0.1	190	26
6943999	259002	M36/24	Vanguard	4012855	8.6	-0.05	-0.5	0.1	210	33
6943998	259051	M36/24	Vanguard	4012856	8.7	-0.05	0.7	0.1	240	26
6943998	259101	M36/24	Vanguard	4012857	7.7	-0.05	0.6	-0.1	170	29
6944000	259148	M36/24	Vanguard	4012858	7.4	-0.05	-0.5	-0.1	170	32
6944000	259201	M36/24	Vanguard	4012859	6.7	-0.05	0.7	-0.1	140	28
6944001	259251	M36/24	Vanguard	4012860	7.9	-0.05	0.5	0.1	210	21
6943998	259302	M36/24	Vanguard	4012861	7.8	-0.05	0.5	-0.1	230	21
6943999	259353	M36/24	Vanguard	4012862	8.5	-0.05	0.6	-0.1	210	23
6943998	259400	M36/24	Vanguard	4012863	7.3	-0.05	-0.5	-0.1	230	32
6944003	259450	M36/24	Vanguard	4012864	7.5	-0.05	0.5	0.1	270	16
6944000	259499	M36/24	Vanguard	4012865	7.6	-0.05	0.5	0.1	270	21
6944001	259550	M36/24	Vanguard	4012867	8.8	-0.05	0.6	0.1	310	25
6944000	259601	M36/24	Vanguard	4012868	7.8	-0.05	0.5	0.1	270	23
6944001	259649	M36/24	Vanguard	4012869	6.9	-0.05	0.6	0.1	280	17
6944000	259693	M36/24	Vanguard	4012870	8	-0.05	-0.5	0.1	260	22
6944197	258351	M36/24	Vanguard	4012871	6.3	-0.05	-0.5	-0.1	300	34
6944202	258400	M36/24	Vanguard	4012872	5.7	-0.05	-0.5	-0.1	260	25
6944197	258450	M36/24	Vanguard	4012873	5.2	-0.05	-0.5	0.1	260	31
6944198	258504	M36/24	Vanguard	4012874	4.2	-0.05	-0.5	0.1	280	23
6944197	258550	M36/24	Vanguard	4012875	5.6	-0.05	-0.5	-0.1	380	28
6944200	258601	M36/24	Vanguard	4012876	5.7	-0.05	-0.5	-0.1	300	30
6944199	258649	M36/24	Vanguard	4012877	6.4	-0.05	-0.5	-0.1	240	30
6944200	258698	M36/24	Vanguard	4012878	5.9	-0.05	-0.5	-0.1	240	27
6944203	258753	M36/24	Vanguard	4012879	5.9	-0.05	-0.5	-0.1	290	30
6944203	258753	M36/24	Vanguard	4012880	5.7	-0.05	-0.5	0.1	250	31
6944202	258800	M36/24	Vanguard	4012881	3.9	-0.05	-0.5	-0.1	420	15
6944201	258853	M36/24	Vanguard	4012882	4.8	-0.05	-0.5	0.1	380	19
6944199	258901	M36/24	Vanguard	4012883	5	-0.05	-0.5	0.1	350	18
6944203	258949	M36/24	Vanguard	4012884	4.6	-0.05	-0.5	0.1	240	21
6944197	258998	M36/24	Vanguard	4012885	6.9	-0.05	-0.5	0.1	250	31
6944198	259049	M36/24	Vanguard	4012886	7.8	-0.05	0.5	0.1	260	27
6944201	259097	M36/24	Vanguard	4012887	6.3	-0.05	-0.5	-0.1	200	26

Vanguard Soil Samples

AMG_Nor	AMG_Eas	Tenement	Prospect	SampleID	Pb_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6944198	259151	M36/24	Vanguard	4012888	7.2	-0.05	0.6	-0.1	210	23
6944199	259200	M36/24	Vanguard	4012889	7.2	-0.05	0.7	-0.1	200	23
6944200	259251	M36/24	Vanguard	4012890	7.7	-0.05	0.8	-0.1	190	31
6944199	259298	M36/24	Vanguard	4012891	8.5	-0.05	0.5	-0.1	260	25
6944202	259350	M36/24	Vanguard	4012892	7.8	-0.05	0.6	0.1	240	25
6944201	259400	M36/24	Vanguard	4012893	8.1	-0.05	0.5	-0.1	210	29
6944200	259447	M36/24	Vanguard	4012894	8.9	-0.05	0.6	-0.1	280	20
6944199	259498	M36/24	Vanguard	4012895	8.7	-0.05	0.5	-0.1	280	24
6944199	259549	M36/24	Vanguard	4012896	9.1	-0.05	0.6	-0.1	280	26
6944200	259600	M36/24	Vanguard	4012897	8.2	-0.05	0.9	-0.1	250	21
6944199	259650	M36/24	Vanguard	4012898	5.4	-0.05	0.6	-0.1	220	14
6944200	259699	M36/24	Vanguard	4012900	5.6	-0.05	0.5	-0.1	210	11
6944402	258352	M36/24	Vanguard	4012901	5.2	-0.05	0.5	0.1	730	30
6944399	258400	M36/24	Vanguard	4012902	3.8	-0.05	-0.5	0.1	570	37
6944399	258449	M36/24	Vanguard	4012903	5.4	-0.05	-0.5	0.1	460	31
6944400	258499	M36/24	Vanguard	4012904	5.1	-0.05	-0.5	0.1	450	29
6944399	258550	M36/24	Vanguard	4012905	5.7	-0.05	-0.5	-0.1	690	22
6944398	258601	M36/24	Vanguard	4012906	7.4	-0.05	-0.5	0.1	480	23
6944401	258652	M36/24	Vanguard	4012907	6.2	-0.05	0.6	0.1	360	23
6944398	258701	M36/24	Vanguard	4012908	6.6	-0.05	-0.5	0.1	340	26
6944401	258750	M36/24	Vanguard	4012909	5.7	-0.05	-0.5	0.1	330	23
6944400	258801	M36/24	Vanguard	4012910	5.4	-0.05	-0.5	0.1	240	20
6944399	258851	M36/24	Vanguard	4012911	5.9	-0.05	-0.5	-0.1	220	28
6944400	258900	M36/24	Vanguard	4012912	7.3	-0.05	-0.5	-0.1	240	28
6944399	258948	M36/24	Vanguard	4012913	6.9	-0.05	-0.5	-0.1	240	28
6944400	259001	M36/24	Vanguard	4012914	8.2	-0.05	-0.5	0.1	260	36
6944398	259050	M36/24	Vanguard	4012915	5.3	-0.05	-0.5	0.1	340	21
6944400	259099	M36/24	Vanguard	4012916	5.2	-0.05	-0.5	0.1	310	22
6944403	259150	M36/24	Vanguard	4012917	6.5	-0.05	-0.5	0.1	300	24
6944401	259203	M36/24	Vanguard	4012918	6.7	-0.05	-0.5	0.1	260	29
6944400	259249	M36/24	Vanguard	4012919	8.9	-0.05	-0.5	-0.1	290	36
6944400	259249	M36/24	Vanguard	4012920	8.2	-0.05	-0.5	-0.1	300	34
6944402	259299	M36/24	Vanguard	4012921	9.2	-0.05	-0.5	-0.1	320	26
6944400	259346	M36/24	Vanguard	4012922	6.3	-0.05	-0.5	-0.1	320	26
6944399	259397	M36/24	Vanguard	4012923	8.7	-0.05	-0.5	-0.1	300	37
6944402	259447	M36/24	Vanguard	4012924	10.6	-0.05	-0.5	-0.1	300	34
6944403	259499	M36/24	Vanguard	4012925	8.9	-0.05	0.6	0.1	300	29
6944398	259549	M36/24	Vanguard	4012926	10.9	-0.05	0.6	0.1	300	28
6944401	259598	M36/24	Vanguard	4012927	10	-0.05	0.7	0.1	310	24
6944402	259649	M36/24	Vanguard	4012928	10.2	-0.05	0.7	0.1	310	30
6944401	259699	M36/24	Vanguard	4012929	10.1	-0.05	0.6	0.1	330	30

Rock Chip Assay Results

See pdf file on CD in Back Pocket of Report

Cosmos 2005 Rock Chip Locations Assay Results

AMG_Nor	AMG_Eas	AMG_RL	Tenement	Prospect	SampleID	Au_ppb	Ag_ppm	Al_ppm	Ars_ppm	Bi_ppm	Ca_ppm	Co_ppm
6945234	260361	500	M36/371	Cosmos North	1068161	3	-0.02	5500	4.5	0.51	1000	24
6945256	260344	500	M36/371	Cosmos North	1068162	2	-0.02	3300	18	0.18	54800	87.3
6945255	260348	500	M36/371	Cosmos North	1068163	2	-0.02	1300	2	0.03	3300	8.1
6945256	260347	500	M36/371	Cosmos North	1068164	1	-0.02	5200	6.6	0.41	3200	128.5
6945283	260341	500	M36/371	Cosmos North	1068165	2	-0.02	5200	3.2	0.22	3900	26.7
6945276	260320	500	M36/371	Cosmos North	1068166	6	0.04	8600	18.1	1.25	700	80.2
6945316	260324	500	M36/371	Cosmos North	1068167	2	0.03	18400	1	0.39	6900	174
6945243	260370	500	M36/371	Cosmos North	1068168	1	-0.02	5000	5.2	0.24	3600	19.4
6945521	260274	500	M36/371	Cosmos North	1068169	2	0.14	20700	196.5	0.29	500	48
6945529	260277	500	M36/371	Cosmos North	1068170	3	0.16	43800	392	0.32	300	62.4
6945520	260262	500	M36/371	Cosmos North	1068171	2	0.09	22200	189.5	1.36	1000	119.5
6945208	260471	500	M36/371	Cosmos North	1068172	2	0.09	28900	38.2	0.18	1600	115.5
6946599	260499	500	M36/371	Venus	1068178	1	0.09	18400	2	0.22	800	4.1
6946613	260489	500	M36/371	Venus	1068179	1	0.16	17800	100.5	1.52	700	102.5
6946627	260489	500	M36/371	Venus	1068180	3	0.06	6700	14.9	0.99	600	6.2
6946635	260503	500	M36/371	Venus	1068181	4	0.17	17400	252	2.36	500	153.5
6946643	260496	500	M36/371	Venus	1068182	8	0.19	28700	14	0.58	600	5.9
6946654	260481	500	M36/371	Venus	1068183	4	0.83	30600	39.3	25.7	500	22.1
6946597	260628	500	M36/371	Venus	1068184	4	0.14	31000	56.2	0.68	5200	49.6
6946576	260614	500	M36/371	Venus	1068185	4	0.13	28500	16.7	1.65	600	50.4
6946799	260531	500	M36/371	Venus	1068186	3	0.1	78000	7.7	0.74	1400	61
6946825	260533	500	M36/371	Venus	1068187	2	0.96	43800	40.9	17.3	1800	18.3
6946970	260591	500	M36/371	Venus	1068188	3	0.11	22700	26.9	0.09	4600	81.3
6948000	260670	500	M36/349	Apollo	1068189	7	0.11	6600	60.1	2.62	1700	84
6953649	257324	500	P36/1401	Main Road	1068190	501	3.44	4800	24.4	20.6	5400	500
6941550	259450	500	M36/24	Vanguard	1077934	20	-0.5	21200	11			31
6941550	259450	500	M36/24	Vanguard	1077935	30	-0.5	60400	6			35
6941550	259450	500	M36/24	Vanguard	1082882	10	-0.5	65500	28			33
6941550	259450	500	M36/24	Vanguard	1082883	13	-0.5	2600	10			3
6941550	259450		M36/24	Vanguard	3010801	30	0.11	73600	8.4	0.38	52100	41.3
6941550	259450		M36/24	Vanguard	3010802	18	0.02	6700	2.5	0.01	2200	6.8
6941550	259450		M36/24	Vanguard	3010803	12	0.08	38400	4.2	0.09	38800	22.1
6941550	259450		M36/24	Vanguard	3010804	43	0.17	60800	167	0.56	40000	67.5

Cosmos 2005 Rock Chip Locations Assay Results

AMG_Nor	AMG_Eas	AMG_RL	Tenement	Prospect	Cr_ppm	Cu_ppm	Fe_pct	Mg_ppm	Mn_ppm	Ni_ppm	Pb_ppm	Pd_ppm
6945234	260361	500	M36/371	Cosmos North	699	16	2.18	3100	123	195	-2	0.003
6945256	260344	500	M36/371	Cosmos North	152	11	2.01	88600	905	1215	-2	0.004
6945255	260348	500	M36/371	Cosmos North	205	15	1.4	8400	99	358	-2	0.003
6945256	260347	500	M36/371	Cosmos North	839	23	3.51	23400	1230	1180	2	0.002
6945283	260341	500	M36/371	Cosmos North	789	27	2.81	25100	522	807	-2	0.004
6945276	260320	500	M36/371	Cosmos North	1410	46	6.9	17300	686	1190	16	0.002
6945316	260324	500	M36/371	Cosmos North	3370	2	8.52	50600	983	3120	4	0.003
6945243	260370	500	M36/371	Cosmos North	873	27	2.7	23500	337	730	-2	0.003
6945521	260274	500	M36/371	Cosmos North	240	154	33	700	936	1765	11	0.001
6945529	260277	500	M36/371	Cosmos North	200	167	41.8	700	258	1495	6	0.001
6945520	260262	500	M36/371	Cosmos North	399	170	45.4	1300	512	1150	38	0.003
6945208	260471	500	M36/371	Cosmos North	1865	48	0.005	1500	438	1840	4	0.002
6946599	260499	500	M36/371	Venus	71	44	5.34	300	59	38	11	0.001
6946613	260489	500	M36/371	Venus	3090	122	0.005	700	198	2950	21	0.001
6946627	260489	500	M36/371	Venus	47	74	27.7	200	61	64	18	0.001
6946635	260503	500	M36/371	Venus	1680	122	0.005	500	435	1220	-2	0.002
6946643	260496	500	M36/371	Venus	83	64	25.6	200	52	45	25	0.002
6946654	260481	500	M36/371	Venus	998	52	0.005	600	212	66	6	0.002
6946597	260628	500	M36/371	Venus	2180	94	0.005	2300	498	793	118	0.009
6946576	260614	500	M36/371	Venus	2430	142	0.005	600	515	810	29	0.004
6946799	260531	500	M36/371	Venus	516	132	39.9	800	213	476	9	0.002
6946825	260533	500	M36/371	Venus	1715	99	0.005	1200	507	67	4	0.002
6946970	260591	500	M36/371	Venus	106	422	49.3	1100	2550	435	110	0.003
6948000	260670	500	M36/349	Apollo	2990	244	0.005	1700	893	1435	21	0.014
6953649	257324	500	P36/1401	Main Road	41	4630	44.3	1400	164	2360	3	0.016
6941550	259450	500	M36/24	Vanguard	27	591	5.62	8600	3280	15	6	
6941550	259450	500	M36/24	Vanguard	64	176	9.68	24200	2760	40	11	
6941550	259450	500	M36/24	Vanguard	188	305	8.05	21800	1245	123	5	0.005
6941550	259450	500	M36/24	Vanguard	128	18	0.67	1000	98	14	3	0.001
6941550	259450		M36/24	Vanguard	163	138	8.38	26200	1335	95	3	0.006
6941550	259450		M36/24	Vanguard	19	174	2.05	2300	369	18	7	0.003
6941550	259450		M36/24	Vanguard	93	130	5.04	16400	910	55	7	0.004
6941550	259450		M36/24	Vanguard	88	474	18.6	13400	1775	114	9	0.032

Cosmos 2005 Rock Chip Locations Assay Results

AMG_Nor	AMG_Eas	AMG_RL	Tenement	Prospect	Pt_ppm	S_pct	Se_ppm	Sb_ppm	Ti_ppm	Zn_ppm
6945234	260361	500	M36/371	Cosmos North	0.0026	0.04	-0.5	0.35	200	7
6945256	260344	500	M36/371	Cosmos North	0.004	0.05	0.8	0.21	300	16
6945255	260348	500	M36/371	Cosmos North	0.0015	0.01	-0.5	0.46	100	4
6945256	260347	500	M36/371	Cosmos North	0.0021	0.02	0.5	0.34	300	20
6945283	260341	500	M36/371	Cosmos North	0.0021	0.03	0.5	0.24	300	16
6945276	260320	500	M36/371	Cosmos North	0.0026	0.04	0.8	0.47	500	75
6945316	260324	500	M36/371	Cosmos North	0.0031	-0.01	0.8	0.24	800	90
6945243	260370	500	M36/371	Cosmos North	0.0017	0.02	0.5	0.26	300	15
6945521	260274	500	M36/371	Cosmos North	0.0019	0.06	1.5	0.15	2600	120
6945529	260277	500	M36/371	Cosmos North	0.0013	0.04	1.3	0.61	4300	156
6945520	260262	500	M36/371	Cosmos North	0.0038	0.08	1.9	0.14	1400	275
6945208	260471	500	M36/371	Cosmos North	0.0057	0.18	2.3	0.52	1600	182
6946599	260499	500	M36/371	Venus	0.001	0.05	0.7	0.28	300	36
6946613	260489	500	M36/371	Venus	0.0049	0.06	3.8	1.19	1100	750
6946627	260489	500	M36/371	Venus	0.0011	0.04	1	0.58	100	161
6946635	260503	500	M36/371	Venus	0.0055	0.03	1.7	0.64	1300	141
6946643	260496	500	M36/371	Venus	0.0014	0.02	1	0.33	400	119
6946654	260481	500	M36/371	Venus	0.0037	0.07	19.2	1.11	9700	15
6946597	260628	500	M36/371	Venus	0.0182	0.06	1.7	0.9	1300	130
6946576	260614	500	M36/371	Venus	0.0114	0.05	1.9	0.99	1600	138
6946799	260531	500	M36/371	Venus	0.0055	0.07	1.7	1.82	3200	301
6946825	260533	500	M36/371	Venus	0.004	0.07	16.8	1	21300	32
6946970	260591	500	M36/371	Venus	0.0087	0.08	1.6	0.82	1400	388
6948000	260670	500	M36/349	Apollo	0.0162	0.05	2.6	0.28	1100	269
6953649	257324	500	P36/1401	Main Road	0.0067	0.14	68	0.19	400	26
6941550	259450	500	M36/24	Vanguard		1.33			2200	41
6941550	259450	500	M36/24	Vanguard		0.38			6400	126
6941550	259450	500	M36/24	Vanguard	0.005	0.04			5200	98
6941550	259450	500	M36/24	Vanguard	-0.0005	0.01			200	2
6941550	259450		M36/24	Vanguard	0.0059	0.06	0.7	0.45	5200	80
6941550	259450		M36/24	Vanguard	0.0012	0.07	-0.5	0.2	200	14
6941550	259450		M36/24	Vanguard	0.0035	0.02	-0.5	0.36	2900	44
6941550	259450		M36/24	Vanguard	0.0087	0.02	1.2	1.78	4000	138

Geological Drill Hole Summaries

Hole ID	AMG	AMG	From (m)	To(m)	Geological Description
	East	North			
FCC029	261800	6958100	0	5	Saprolitic clay
<i>Five Creeks</i>			5	10	Ferruginous Clay
			10	15	saprolitic clay after UM
			15	110	Ultramafic
				EOH	
FCC030	261720	6958100	0	32	Gabbro
<i>Five Creeks</i>			32	53	Talc Chlorite Schist after UM
			53	98	Serpentinite with disseminations from 85m along foliation
			98	139	Mafic
			139	160	Serpentinite with disseminations pyrite along foliation
				EOH	
FCC031	261640	6958100	0	12	Saprolitic clay after gabbro
<i>Five Creeks</i>			12	63	Mod fresh to fresh gabbro
			63	185	Ultramafic schist with disseminations pyrite along foliation
				EOH	
FCC032	261560	6958100	0	29	Gabbro
<i>Five Creeks</i>			29	114	Chlorite Schist after komatiite
			114	118	komatiite with cloud
			118	120	Komatiite
				EOH	
FCC033	261480	6958100	0	6	Highly weathered ultramafic
<i>Five Creeks</i>			6	41	Weathered ultramafic
			41	150	Fresh ultramafic
				EOH	
FCC034	261400	6958100	0	5	Clayey ultramafic
<i>Five Creeks</i>			5	150	Ultramafic with clotted & blebbly from 98m
				EOH	
FCC035	261320	6958100	0	30	Weathered ultramafic, cherty from 1-13m
<i>Five Creeks</i>			30	150m	Ultramafic with disseminations @ 71-72m
				EOH	
FCC036	261240	6958100	0	1	Saprolitic clay after UM
<i>Five Creeks</i>			1	40	Weathered ultramafic
			40	150	Ultramafic with Ccpy along foliation @ 129-130m
				EOH	
FCC037	261160	6958100	0	9	Clayey siltstone

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<i>Five Creeks</i>			9	171	Felsic volcanics with blebby & dissem \$
			171	195	Ultramafic with interflow felsic volcanics & dissem \$
			195	214	Interbedded seq of black shale and ultramafic with
					dissem \$
			214	230	Ultramafic with dissem \$
				EOH	
FCC038	261080	6958100	0	25	Weathered gabbro
<i>Five Creeks</i>			25	68	Ultramafic with dissem \$ from 57m
			68	107	Interbedded seq of black shale and ultramafic with
					dissem \$
			107	157	Mafic with blebby & dissem \$
				EOH	
IRC014	260499	6951535	0	54	Saprolite Clays, clays and Saprolite
<i>Ilias</i>			54	60	Ultramafic - Chlorite Schist
			60	76	Ultramafic Undifferentiated
			76	77	Quartz
			77	82	Ultramafic - Tremolite-Chlorite
			82	83	Granite Pegmatite
			83	150	Ultramafic - Tremolite-Chlorite
			EOH		
IRC015	260460	6951540	0	42.5	Saprolite Undifferentiated
<i>Ilias</i>			42.5	79	Ultramafic - Chlorite Schist
					best 1m @1.40g/t Au from 63m
			79	131.5	Ultramafic - Tremolite-Chlorite
			131.5	133	Quartz Porphyry
			133	150	Ultramafic - Tremolite-Chlorite
			EOH		
IRC016	260420	6951540	0	36	Saprolite Undifferentiated/Conglomerate
<i>Ilias</i>			36	60	Conglomerate
			60	74	Chlorite Schist
			74	106	Tremolite-Chlorite Rock
			106	113	Chlorite Schist
			113	130	Tremolite-Chlorite Rock
			130	138	Talc-Chlorite Schist
			138	150	Tremolite-Chlorite Rock
			EOH		
IRC017	260380	6951540	0	27	Saprolite Undifferentiated
<i>Ilias</i>			27	83	Conglomerate
			83	90	Mafic conglomerate
			90	101	Plagioclase Chlorite Sericite Schist
			101	116	Chlorite Schist-Sheared Basalt
			116	150	Tremolite-Chlorite Rock
			EOH		
IRC018	260340	6951540	0	16	Saprolite Undifferentiated
<i>Ilias</i>			16	109	Conglomerate
			109	118	Mafic conglomerate
			118	120	Talc-Chlorite Schist

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			120	137	Peridotite (40-70% Olivine)
			137	142	Serpentinised Peridotite
					Best of 1m @ 1g/t Au from 138m
			142	150	Peridotite (40-70% Olivine)
			EOH		
IRC019	260510	6951440	0	2	Alluvial Sediments Undifferentiated
<i>Ilias</i>			2	42	Carbonate Soils
			42	51	Conglomerate
			51	65	Talc-Chlorite Schist
			65	74	Tremolite-Chlorite Rock
			74	111	Arkose
			111	113	Mafic Schist Undifferentiated
			113	126	Arkose
			126	150	Mafic conglomerate
			EOH		
IRC020	260480	6951440	0	1	Alluvial Sediments Undifferentiated
<i>Ilias</i>			1	11	Carbonate Soils/Conglomerate
			11	17	Carbonate Soils/Ultramafic Undifferentiated
			17	23	Tremolite-Chlorite Rock
			23	36	Tremolite-Actinolite Rock
			36	76	Talc-Chlorite Schist
			76	86	Tremolite-Chlorite Rock
			86	92	Intermediate Schists Undifferentiated
			92	150	Plagioclase Chlorite Sericite Schist
			EOH		
JVC025	260260	694250	0	1	Colluvium
<i>Cosmos West</i>			1	30	Serpentinised Peridotite
			30	34	Serpentinite
			34	88	Intermediate volcanics with qtz veining
			88	276	Package of serpentinite to serpentinitised peridotite
				EOH	
JVC026	260320	6945250	0	2	Mottled Clay
<i>Cosmos West</i>			2	14	Saprolite after felsic porphyry
			14	25	Saprolite after Ultramafic
			25	37	Saprolite after Intermediate Schist
			37	43	saprock after intermediate schist
			43	118	Intermediate Schist
			118	120	Tremolite-chlorite schist after UM
				EOH	
NCRC001	259860	6954180	0	80	Conglomerate
<i>Carriport</i>					
NCRC002	259810	6954180	0	80	Conglomerate
<i>Carriport</i>					
NCRC003	259740	6954180	0	80	Conglomerate
<i>Carriport</i>					
NCRC004	259860	6954060	0	80	Conglomerate
<i>Carriport</i>					

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NCRC005	259800	6954060	0	80	Conglomerate
<i>Carriport</i>					
NCRC008	259920	6953940	0	80	Granitoid Rich Jones Creek Conglomerate
<i>Carriport</i>				EOH	
NCRC009	259860	6953940	0	2	Tertiary Alluvium
<i>Carriport</i>			2	80	Granitoid Rich Jones Creek Conglomerate
				EOH	
NCRC010	259800	6953940	0	80	Granitoid Rich Jones Creek Conglomerate
<i>Carriport</i>				EOH	
NCRC011	259740	6953940	0	80	Granitoid Rich Jones Creek Conglomerate
<i>Carriport</i>					<i>Best of 1m @ 4.21g/t Au</i>
				EOH	
NCRC012	259680	6953940	0	80	Granitoid Rich Jones Creek Conglomerate
<i>Carriport</i>				EOH	
NCRC013	259920	6953820	0	80	Granitoid Rich Jones Creek Conglomerate
<i>Carriport</i>				EOH	
NCRC014	259860	6953820	0	17	Residual Saprolitic Clay
<i>Carriport</i>			17	80	Granitoid Rich Jones Creek Conglomerate
				EOH	
NCRC015	259800	6953820	0	1	Tertiary Alluvium
<i>Carriport</i>			1	27	Saprolite
			27	80	Granitoid Rich Jones Creek Conglomerate
				EOH	
NCRC016	259740	6953820	0	80	Granitoid Rich Jones Creek Conglomerate
<i>Carriport</i>					<i>Best of 2m @ 1.95g/t Au</i>
				EOH	
NCRC017	259680	6953820	0	80	Granitoid Rich Jones Creek Conglomerate
<i>Carriport</i>				EOH	
NCRC018	259820	6953425	0	100	Granitoid Rich Jones Creek Conglomerate
<i>Carriport</i>					<i>Best of 1m @ 4.5 g/t Au from 51m</i>
				EOH	
NCRC019	259780	6953413	0	100	Granitoid Rich Jones Creek Conglomerate
<i>Carriport</i>				EOH	
NCRC020	259740	6953400	0	35	Basalt
<i>Carriport</i>			35	100	Granitoid Rich Jones Creek Conglomerate
				EOH	
NCRC021	259780	6953573	0	100	Granitoid Rich Jones Creek Conglomerate

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<i>Carriport</i>					Max As 8350ppm , 0.73ppm Au 64-65m
				EOH	
NCRC022	259780	6953495	0	100	Granitoid Rich Jones Creek Conglomerate
<i>Carriport</i>				EOH	
NCRC023	259740	6953483	0	14	Basalt
<i>Carriport</i>			17	100	Granitoid Rich Jones Creek Conglomerate
				EOH	
NCRC024	259700	6953471	0	50	Basalt
<i>Carriport</i>			50	100	Granitoid Rich Jones Creek Conglomerate
				EOH	
NCRC025	259740	6953562	0	1	Tertiary Alluvium
<i>Carriport</i>			1	100	Granitoid Rich Jones Creek Conglomerate
				EOH	
NCRC026	259700	6953550	0	2	Tertiary Alluvium
<i>Carriport</i>			2	15	Basalt
			15	100	Granitoid Rich Jones Creek Conglomerate
				EOH	
NCRC027	259660	6953539	0	60	Basalt
<i>Carriport</i>			60	65	Sericite Biotite Schist
			64	100	Granitoid Rich Jones Creek Conglomerate
				EOH	
NCRC028	259760	6953680	0	100	Granitoid Rich Jones Creek Conglomerate
<i>Carriport</i>				EOH	
NCRC029	259680	6953680	0	100	Granitoid Rich Jones Creek Conglomerate
<i>Carriport</i>				EOH	
SYRC001	259800	6954280	0	140	Conglomerate
<i>Yellow Aster</i>					
SYRC002	259765	6954268	0	74	Conglomerate
<i>Yellow Aster</i>			74	75	Quartz Feldspar Porphyry
			75	138	Conglomerate
VSRC001	259450	6941900	0	6	Saprolite Undifferentiated/Mafic
<i>Vanguard</i>			6	23	Dolerite
			23	50	Basalt
			EOH		
VSRC002	259450	6941800	0	50	Basalt
<i>Vanguard</i>					
VSRC003	259450	6941700	0	50	Basalt
<i>Vanguard</i>					
VSRC004	259450	6941600	0	26	Basalt
<i>Vanguard</i>			26	50	Pyroxenite (<40% Olivine)

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VSRC005	259530	6941600	0	2	Colluvial Clay
<i>Vanguard</i>			2	13	Alluvial Clay
			13	50	Basalt
VSRC006	259610	6941600	0	6	Alluvial Clay
<i>Vanguard</i>			6	13	Carbonate Soils/Basalt
			13	50	Basalt
VSRC007	259690	6941600	0	1	Alluvial Sediments Undifferentiated
<i>Vanguard</i>			1	3	Laterite Undifferentiated
			13	13	Carbonate Soils/ Saprock /Basalt
			50	50	Basalt/Dolerite
VSRC008	259690	6941700	0	7	Alluvial Sediments Undifferentiated
<i>Vanguard</i>			7	20	Carbonate Soils
			20	50	Basalt
					<i>Best of 1m @ 0.92g/t Au from 44m</i>
VSRC009	259610	6941700	0	5	Alluvial Sediments Undifferentiated
<i>Vanguard</i>			5	15	Ferruginous Saprolite
			15	50	Basalt
VSRC010	259530	6941700	0	50	Basalt
<i>Vanguard</i>					
VSRC011	259530	6941800	0	50	Basalt
<i>Vanguard</i>					
VSRC012	259610	6941800	0	7	Saprolite Undifferentiated
<i>Vanguard</i>			7	50	Basalt
VSRC013	259690	6941800	0	8	Alluvial Sediments Undifferentiated
<i>Vanguard</i>			8	19	Carbonate Soils
			19	50	Basalt
VSRC014	259690	6941900	0	7	Alluvial Sediments Undifferentiated
<i>Vanguard</i>			7	25	Carbonate Soils
			25	50	Basalt
VSRC015	259610	6941900	0	8	Alluvial Sediments Undifferentiated
<i>Vanguard</i>			8	24	Carbonate Soils
			24	50	Basalt
VSRC016	259530	6941900	0	1	Alluvial Sediments Undifferentiated
<i>Vanguard</i>			1	50	Basalt
VSD002	259416.2	6941582	0	0.2	Alluvial Sand
<i>Vanguard</i>			0.2	7.8	saprock after basalt
			7.8	35	Basalt
VSD003	259388.2	6941597	0	0.3	Alluvial sand
<i>Vanguard</i>			0.3	0.4	Residual clay

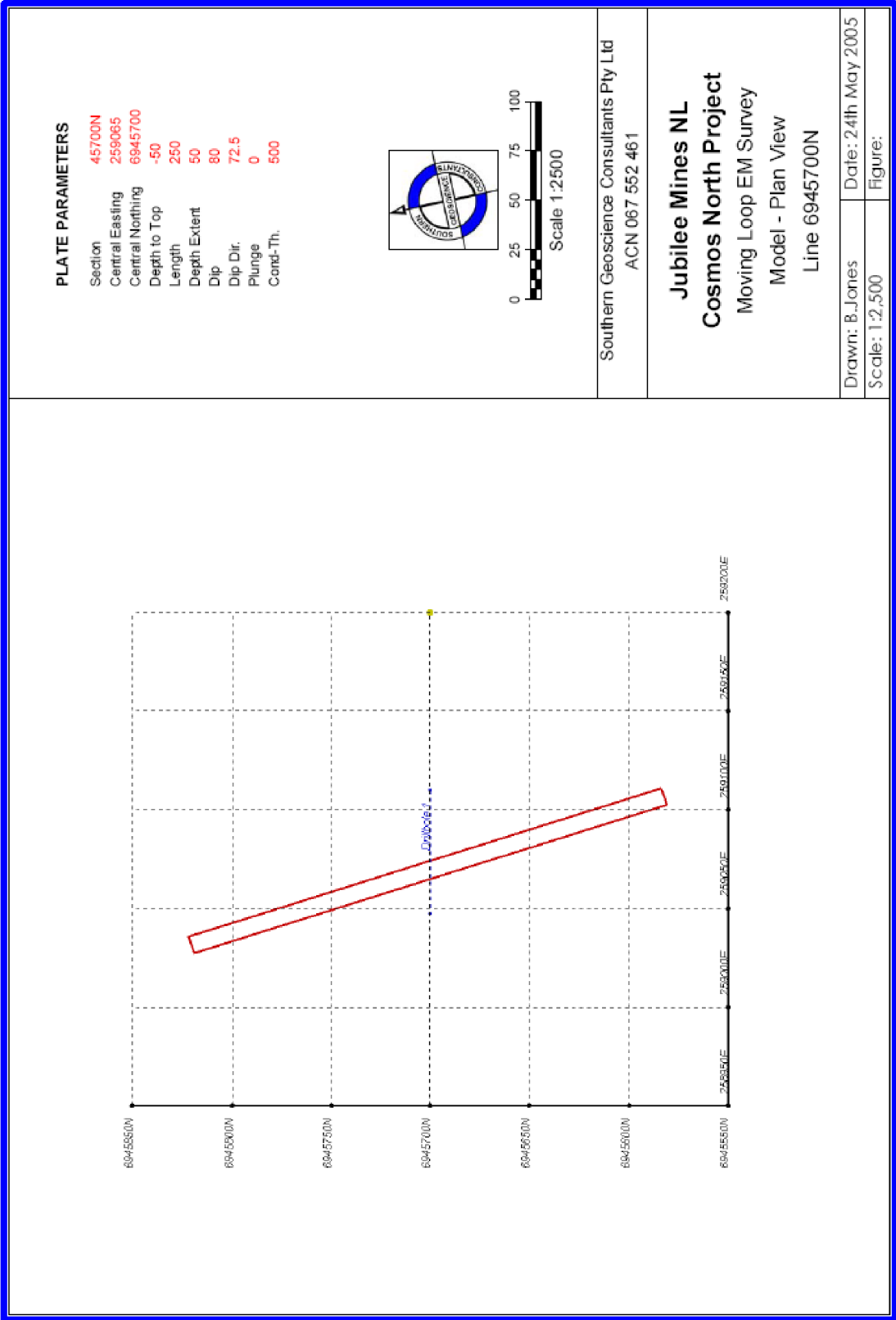
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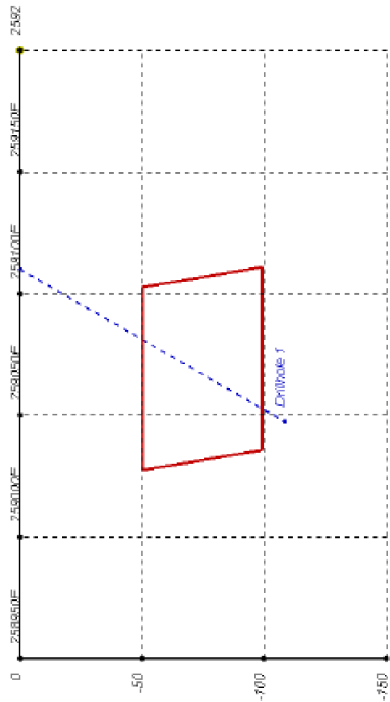
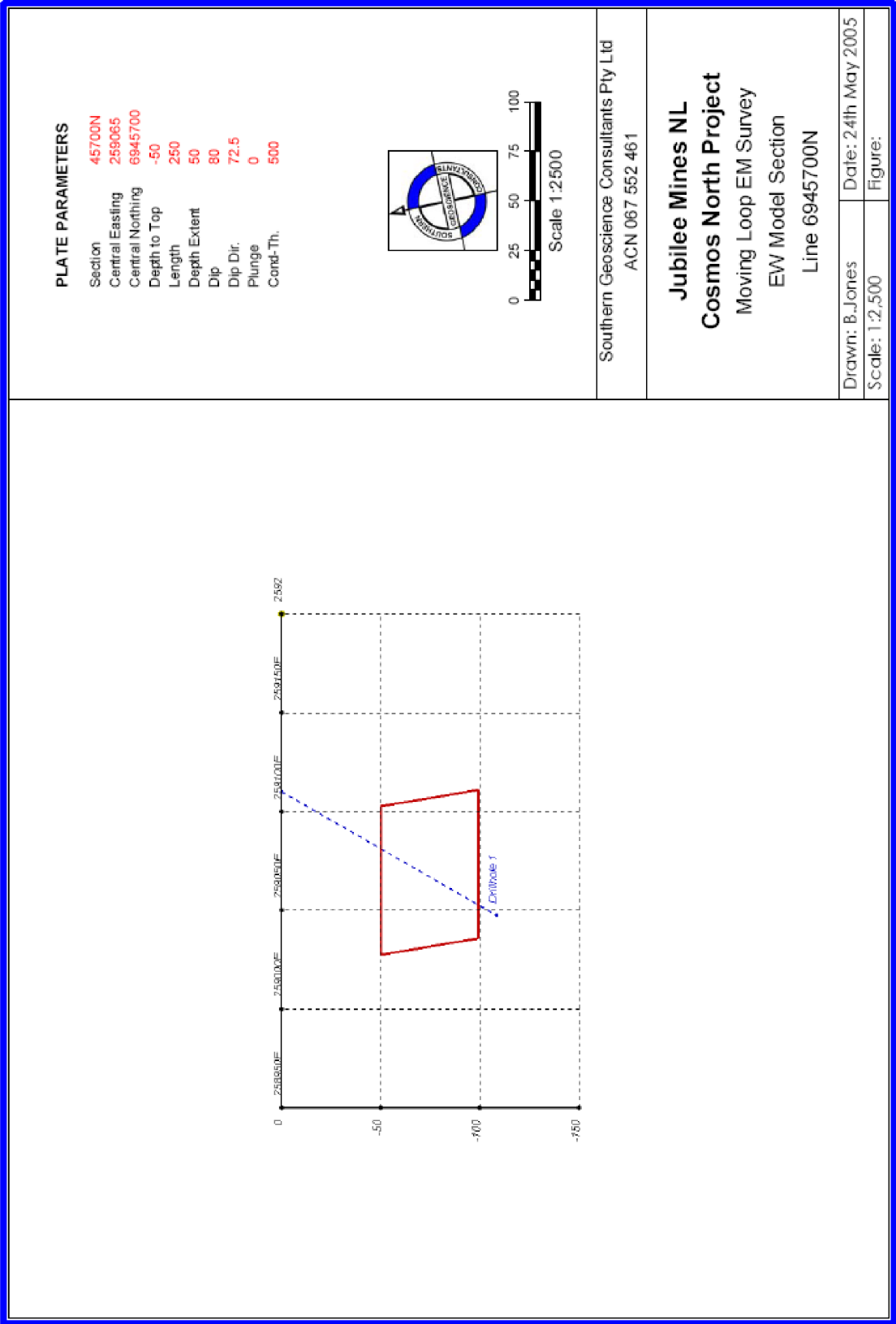
			0.4	2.9	Saprock after dolerite
			2.9	20.3	Dolerite with cloud \$ from 10.5-11m
			20.3	50.4	Basalt
VSD004	259346.7	6941622	0	0.1	Tertiary alluvium
<i>Vanguard</i>			0.1	3	Saprolitic clay after Basalt
			3	60.2	Basalt with cloud \$ between 7.6-30m & qtz veining ~30m
VSD005	259868	6941500	0	0.6	Tertiary alluvium
<i>Vanguard</i>			0.6	1.6	Ferruginous Clay
			1.6	10	Mottled Clay Zone
			10	50	Clay Zone
			50	89	Basalt with cloud \$ from 74.7m
			89	190	Andesite with cloud/stringer/dissem \$ & M\$ from
					182.13-182.55m
					<i>Best of 0.43m @ 9% Zn, 985ppm Cu, 5.67% Pb and 176ppb Au</i>

Appendix 3

Surface EM Images

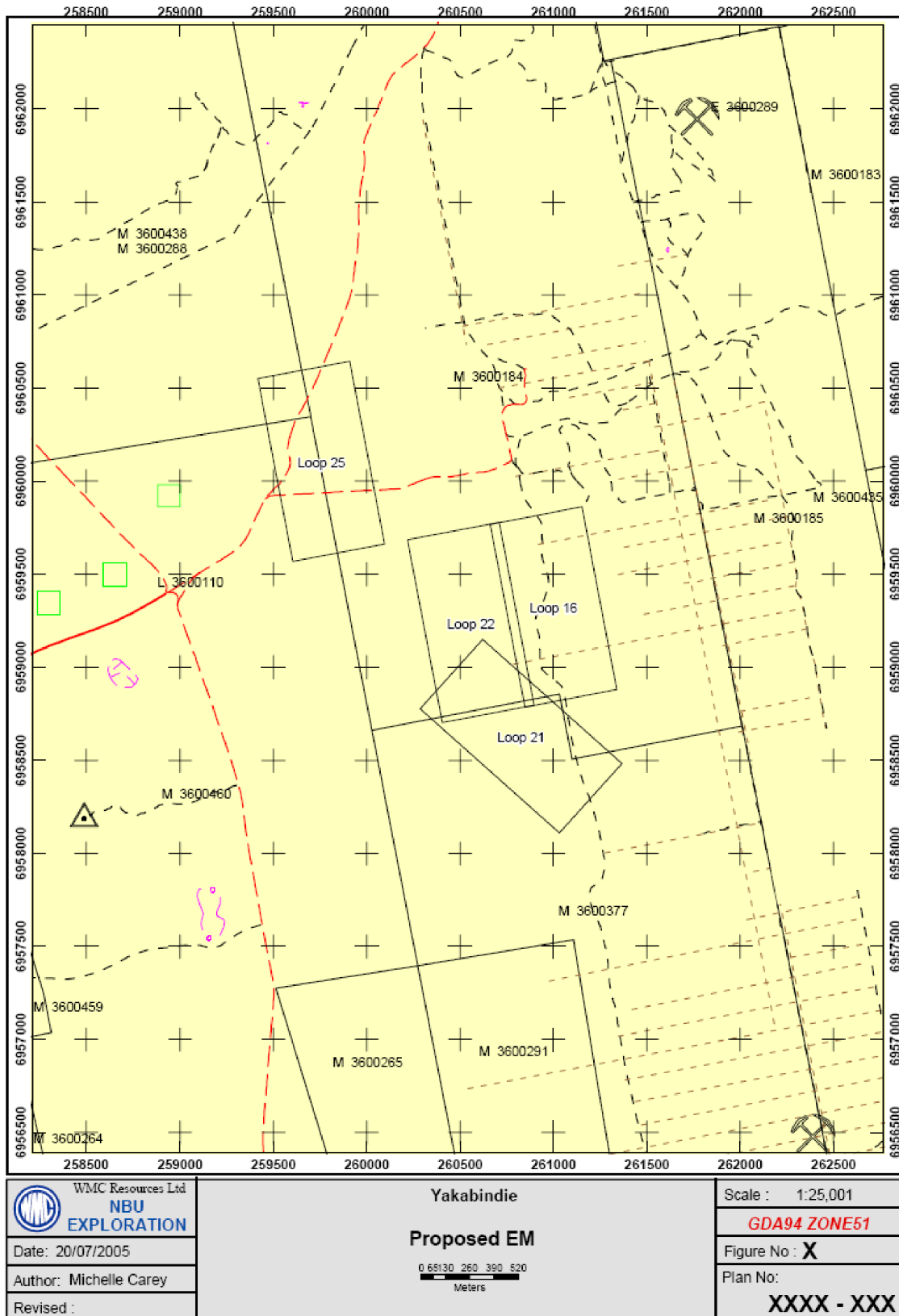
MERCURY VENUS MLEM

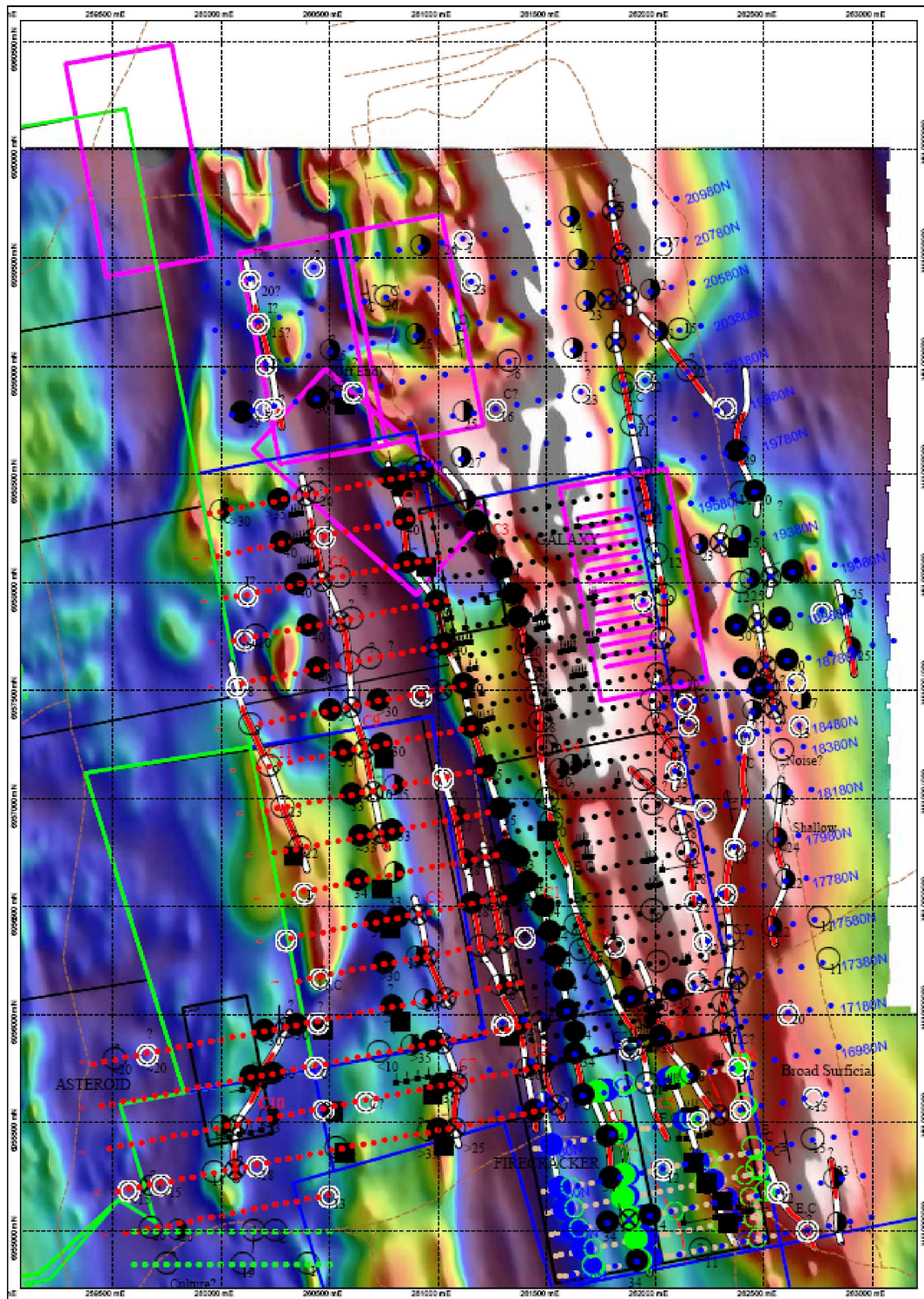




BHP Billiton-Geoferret Data

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Jubilee Mines NL - Five Creeks Project
WMC/BHP Proposed EM Loops & Survey Lines / Aeromagnetic Image
Scale 1:25,000 (AGD84)

GEO-FERRET PROFILES

DHEM PROFILES & MODELS

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