

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORTS
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DRILLING AND SAMPLING PROGRAM

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Gold Commissioner's Office
VANCOUVER, B.C.

BORNITE PROPERTY

OMINECA MINING DIVISION

N.T.S. 93-K-13E

Lat.: 54°55'N Long.: 125°32'W

FILMED

by

U. MOWAT, P. Geo.

January, 1996
GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,277

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1.0 INTRODUCTION

Between August 10 and November 11, 1995 a two-phased program of soil sampling, follow-up chip sampling and diamond drilling was carried out on the Bornite Property.

During August, 57.7 km of flagged grid was sampled at 25 meter intervals on lines spaced from 100 meters to 200 meters apart. A total of 2125 samples were collected using either a one-meter auger or a shovel. All samples were analyzed for 30 elements by ICP plus Au by FA/ICP. Nine samples were also analyzed for Pt and Pd by FA/ICP.

Work in October and November consisted of chip sampling and diamond drilling. Three hundred thirteen rock samples were collected and analyzed for 30 elements by ICP plus Au by FA/ICP. Drilling consisted of 5 BQTK-sized holes totalling 893.67 meters. Two hundred and twenty four samples of core were analyzed for 30 elements by ICP plus Au by FA/ICP.

2.0 LOCATION AND ACCESS

The Bornite property lies 100 km northwest of Fort St. James and is located at co-ordinates 54° 55' N and 125° 32' W on map sheet 93-K-13E.

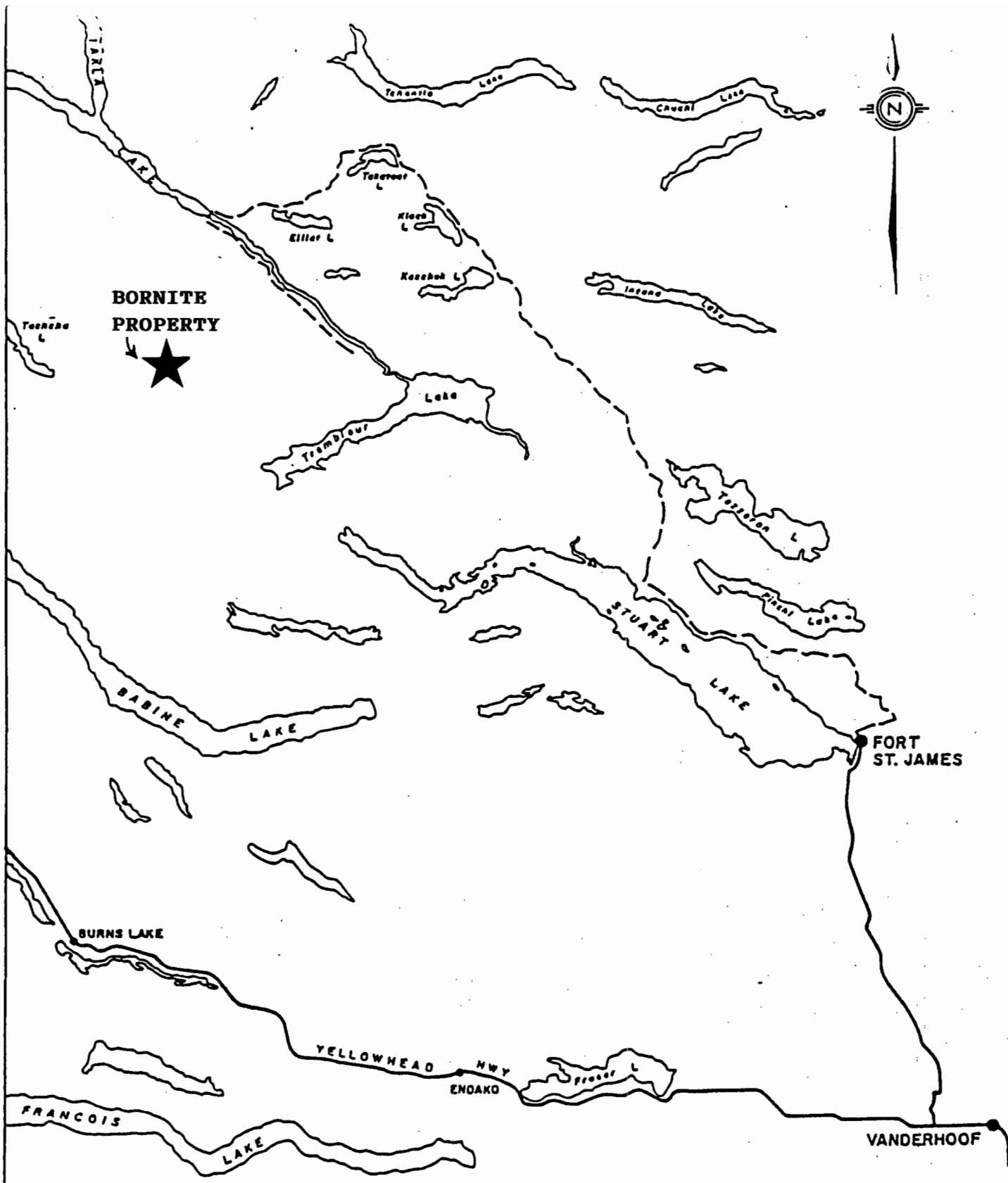
Access to the property is by helicopter from either Fort St. James or Smithers.

3.0 CLAIM DATA

The Bornite property consists of the following claims:

<u>Claim Name</u>	<u>Record Number</u>	<u>No. of Units</u>
Bornite 1	334030	20
Bornite 2	334031	20
Bornite 3	340933	1
Bornite 4	340934	1
Bornite 5	340935	1
Bornite 6	340936	1
Bornite 7	340937	1
Bornite 8	340938	1
Bornite 9	340939	1
Bornite 10	340940	1
Bornite 11	340941	1

The property consists of 2 4-post claims and 9 2-post claims. There are a total of 49 units.



**BORNITE
PROPERTY**



**FORT
ST. JAMES**

VANDERHOOF

LEGEND

- LOGGING ROAD
- PAVED HIGHWAY



**PROJECT LOCATION MAP
FIGURE 1**

4.0 HISTORY

The general area of the Bornite property has received only a limited amount of geologic work or exploration activity. In 1936 and 1937, J. E. Armstrong conducted preliminary mapping in the vicinity of the property. With the onset of World War II, the G.S.C. conducted a program of mapping and exploration for chromite deposits in the ultramafic rocks outlined by the previous work of J. E. Armstrong. While mapping in the area of the Bornite property, "fist-sized" boulders of massive bornite and chalcopyrite were discovered in dunite talus. Old claims posts with brass tags in this area plus a small pit with an ancient pick and shovel indicate that prospectors did a minor amount of work (including blasting) in an effort to locate the source of the mineralized float.

In 1967, the ultramafic that underlies the eastern portion of the Bornite property was staked (VSF claims) presumably for its asbestos potential.

In 1969, reconnaissance silt sampling by MacDonald Consultants located highly anomalous copper values in silt samples from a small stream located on the western part of the Bornite property. This prompted the staking of the Diane Claims plus follow-up soil sampling and a magnetometer-EM survey.

The surrounding area has received little to no attention since 1980 when it was briefly examined for its molybdenite potential.

5.0 REGIONAL GEOLOGY

The area of the Bornite property is underlain by a 15 km wide belt of northwesterly-trending Pennsylvanian and Permian Cache Creek Group rocks consisting of ribbon chert, argillaceous quartzite, argillite, slate, greenstone, limestone with minor conglomerate and greywacke. The Cache Creek Group has been intruded by Upper Jurassic or Lower Cretaceous Omineca Intrusions consisting of granodiorite, quartz diorite, diorite, with minor granite, syenite, gabbro and pyroxenite. As well, Post-Middle Permian, Pre-Upper Triassic Trembleur Intrusions consisting of peridotite, dunite, minor pyroxenite and gabbro with serpentized and steatized equivalents intrude the Cache Creek Belt.

The northwesterly-trending belt of Cache Creek rocks is bordered on the east by the Pinchi Fault and Upper Triassic Takla Group andesites, basaltic flows, tuffs, breccias and agglomerates with interbedded conglomerate, shale, greywacke and limestone. On the west, the belt is bounded by the Takla Fault, an east-dipping zone, up to 5 km wide which contains a melange of serpentine and greenstone. The melange is adjacent to Triassic metamorphosed pyroclastic rocks, basalt, rhyolite, greywacke and argillite of the Sitlika assemblage.

Between the Pinchi Fault and the Takla Fault, the predominant units of the Cache Creek Group of chert, phyllite, and argillite with minor greywacke and limestone are highly deformed. Three deformational periods have been recognized in the Cache Creek Group which has been metamorphosed to lower greenschist facies with local glaucophane. The oldest structures are a prominent foliation that parallels compositional layering and trends east-west, marking the axial planes of isoclinal folds. A later structure consists of chevron folds which trend north-south with axial planes dipping moderately westwards. The youngest structures are warps and kinks, probably related to late faulting.

6.0 PROPERTY GEOLOGY

The Bornite property is divided into two geologic domains by Tildesley Creek. The west half of the property, which has very little outcrop, consists of andesitic volcanics that are intensely altered by sericite alteration. Float and drill core also indicate that the west half is also underlain by altered limestone, skarn and several varieties of intrusive ranging from hornblende porphyry to gabbro.

The central portion of the property is underlain by black argillites and minor siltstone. Once again, outcrop in this area is poor. Drill core from this area strongly suggests the presence of granitic intrusives as biotite is found in the argillite.

The eastern half of the property is predominantly very altered ultramafics of harzburgite to dunite in composition. The ultramafic is partially overlain by black phyllite/argillite which has been thrust over the ultramafic. Minor monzonitic dykes intrude the ultramafic.

7.0 MINERALIZATION

The original prospecting on the western portion of the property indicated that the volcanics and limestone float hosted chalcopyrite, pyrrhotite and pyrite with minor amounts of primary covellite. The sulphides occurred as disseminations and on fractures.

Drilling in the central part of the property showed that the argillite in this area hosts pyrrhotite with minor chalcopyrite intergrowths. The sulphides occur along bedding planes, parallel to bedding planes and as small lenses. The argillite is highly anomalous in Zn, Ag and Ba suggesting the presence of a sedex-type of mineralization.

The ultramafic underlying the eastern part of the property is highly anomalous in Ni which occurs as heazelwoodite, bravoite, siegenite? and native Ni-Fe alloy. In addition, certain phases of the ultramafic are highly anomalous in Au (up to 800 ppb). The nickel sulphides occur as disseminations and on fractures throughout the ultramafic.

8.0 ALTERATION

Alteration on the Bornite property is variable and depends upon not only the location but the rock type. The volcanics on the west side of the property have been intensely altered by chlorite, epidote, tremolite and plagioclase. Carbonate, quartz and chalcodony veining are common in the volcanics. Some corundum has also been noted in thin section.

The limestones on the west side are also intensely altered by silicification and in certain areas have been turned into skarn with intense epidote and garnet. The altered limestones also have magnetite as a major part of their composition.

The argillites show the least amount of alteration which consists of silicification near the ultramafic contacts and the growth of biotite along fractures.

Alteration in the ultramafics consists of serpentinization and steatization (anthophyllite and antigorite). The ultramafic is weakly to intensely altered. A minor amount of silicified ultramafics has also been noted.

9.0 WORK PROGRAM

9.1 Soil Sampling

During August and September, 1995, six men collected 2125 soil samples along 57.7 km of flagged grid. The west side of the property was sampled every 25 meters along lines spaced 200 meters apart. A one-meter long auger was used to collect the samples. The depth of samples was variable ranging from 0.2 to 1 meter. The east side of the property was sampled every 25 meters along lines spaced 100 meters apart. Both the auger and shovel were used to collect samples. The depth of samples ranged from surficial to 1.0 meter.

Soil development on the property is non-existent and at best it is residual. The upper slopes above 1220 meters show residual soil development. The valley floor (1067 meters) to approximately 1220 meters is covered by glacio-fluvial material ranging from sand, gravel to thick clay. It was apparent from the soil sampling that Tildesley Creek valley had been dammed by a moraine just below the camp site which caused a lake to form over much of the western portion of the property.

All samples were analyzed for 30 elements by ICP and Au by FA/ICP. In addition, 9 samples were also analyzed for Pt and Pd by FA/ICP.

Results

- 1) Copper in soils on the west side of the property shows numerous spotty linear anomalies in an area measuring 1800 meters by 1000 meters. The maximum value is 2618 ppm Cu. The spotty nature of the copper anomalies is strongly attributable to the poor soil development and/or the masking effect of the glacio-fluvial materials. Soil values, in certain areas, are enhanced by organic materials. The linear nature of the anomalies is believed to be a reflection of stratigraphic control of copper mineralization and not of glacial transport as no strange erratics were located during prospecting.

Anomalous copper values show a good correspondence to anomalous nickel values and a weak correspondence to zinc.

On the east side of the property, two copper in soil anomalies have been outlined over an area of 1100 meters by 200 meters. The anomaly which has a maximum value of 1045 ppm Cu appears to have been dislocated by a north-westerly-trending fault. The southerly portion of the copper anomaly is underlain by argillites and shows a good coincidence with anomalous Zn, Ag and Ba in soils.

- 2) Zinc in soils forms a bifurcating anomaly in the central portion of the property. This anomaly is 600 meters by 300 meters and is also truncated by the northwesterly-trending fault which truncated the copper anomaly. The maximum value obtained is 1400 ppm Zn. The zinc anomaly which is coincident with Cu, Ag, and Ba is underlain by pyrrhotite-chalcopyrite bearing argillites and has the distinct signature of a sedex type of deposit.
- 3) Arsenic in soils show no discernible pattern on the west side of the property. The maximum value is 89 ppm As but generally averages less than 10 ppm.

On the east side of the property, anomalous arsenic in soil values partially coincide with anomalous nickel values. The maximum value is 1077 ppm As. The arsenic in soils is believed to be caused by the presence of nickel arsenides.

- 4) Silver in soils show no significant patterns on the west side of the property. In the central portion, silver, which reaches a maximum value of 11.9 ppm, is coincident with Zn and Ba. On the east side of the property silver in soils reaches a maximum of 20.2 ppm and is believed to reflect argentiferous talc alteration in the ultramafic.
- 5) Nickel in soils is coincident with copper on the west side of the property. The source of the nickel is unknown but pyrrhotite seems to be the most likely source.

On the east side of the property which is underlain by ultramafics, nickel reaches a maximum value of 4259 ppm. Anomalous nickel values cover an area measuring 1400 meters by 1000 meters. The nickel anomaly shows a good correspondence to gold in soils and is believed to be caused by nickel mineralization.

- 6) Gold in soils show no patterns on the east side of the property. The highest value is 390 ppb and is an isolated occurrence.

On the east side of the property, gold forms a sporadic linear anomaly over an area of 1400 meters by 1000 meters. The sporadic gold anomaly closely coincides with the nickel anomaly.

9.2 Chip Sampling

During October, 1995, 4 men collected 214 chip samples. The samples were collected from several locations on Lines 3+00S and 11+00S where soil sampling indicated anomalous gold in soils. The samples were taken over 1 meter intervals and all samples were analyzed for 30 elements by ICP and Au by FA/ICP.

The rocks sampled in the vicinity of the gold in soils anomalies consisted of weakly serpentized to fresh-looking dunites. The chip sampling clearly indicated that the ultramafic was sulphide-bearing and that the source of the gold in soils was the dunites. The maximum value obtained from the chip sampling is 862 ppb Au over 1 meter and 2975 ppm Ni with 153 ppm Co.

The most interesting fact that emerged from the chip sampling was that there was no alteration visible to predict the presence of gold and/or nickel.

9.3 Drilling

During late October, 1995, 5 BQTK diamond drill holes totalling 893.67 meters were drilled. All core was split and analyzed for 30 elements by ICP and Au by FA/ICP. A total of 224 core samples were analyzed.

Drill core is stored at the camp.

A summary of drill hole data is as follows:

DDH B-95-1

Azimuth: 315°
Angle: -45°
Coordinates: 1+22N/11+05W
Total Depth: 155.45 meters

Purpose: To test a copper in soils anomaly with values up to 801 ppm Cu and a magnetic low which was outlined from a ground magnetic survey conducted in 1970.

Results: The drill hole encountered volcanics and volcanoclastic rocks which were highly altered by tremolite, chlorite, carbonate and epidote alteration. The main sulphide encountered was chalcopyrite with lesser amounts of pyrrhotite which gradually increased towards the bottom of the hole. One small silicified zone was also encountered. No economic grade copper values were encountered although the entire hole is anomalous with values up to 343 ppm Cu. Gold values are also slightly elevated with the higher copper values.

DDH B-95-2

Azimuth: 270°
Angle: -45°
Coordinates: 3+00S/12+00W
Total Depth: 12.19 meters

Purpose: To test a copper in soils anomaly with values up to 864 ppm Cu and a magnetic high which was outlined from a ground magnetic survey conducted in 1970.

Results: The drill hole encountered volcanics and volcanoclastics similar to that in DDH #1 but with much more epidote alteration being present. Minor chalcopyrite was noted. The highest value obtained is 500 ppm Cu with elevated gold. DDH #2 encountered drilling problems and was terminated.

DDH B-95-2A

Azimuth: 270°
Angle: -45°
Coordinates: 3+00S/12+00W
Total Depth: 225.25 meters

Purpose: To test a copper in soils anomaly with values up to 864 ppm Cu and a magnetic high which was outlined from a ground magnetic survey conducted in 1970. This hole is on the same setup as DDH #2.

Results: The drill hole encountered volcanics and volcanoclastics similar to those in DDH #1. The alteration consisted of intense epidote and actinolite with chlorite, carbonate and minor quartz. Numerous sections of garnet skarn were also encountered plus one small dyke? of f.g. diorite. Sections containing up to 10% pyrrhotite were also encountered. The dominant mineralization seen was chalcopryrite with lesser amounts of pyrrhotite and pyrite. No economic values were encountered the maximum value being 372 ppm Cu with elevated gold.

DDH B-95-3

Azimuth: 270°
Angle: -50°
Coordinates: 4+12E/14+00S
Total Depth: 195.07 meters

Purpose: To test a coincident copper-zinc-silver in soils anomaly with values of 956 ppm Cu, 1072 ppm Zn and 7.9 ppm Ag.

Results: The drill hole encountered argillites, minor siltstone and two dykes. The argillites were highly magnetic due to considerable pyrrhotite which is the main sulphide. Chalcopryrite intergrowths were noted in the pyrrhotite. Both the pyrite and pyrrhotite are on or parallel to bedding planes clearly indicating this to be stratigraphically controlled mineralization.

DDH B-95-4/4A

Azimuth: 277°
Angle: -60°
Coordinates: 11+00E/11+00S
Total Depth: 89.92 meters

Purpose: To test the depth and areal extent of gold mineralization encountered during chip sampling.

Results: The drill hole encountered sulphide-bearing serpentinites and a fine-grained diorite dyke near the top of the hole. No gold values of any significance were intercepted although the hole was abandoned before the gold-bearing target was reached.

DDH B-95-5

Azimuth: 226°
Angle: -60°
Coordinates: 2+77S/11+65E
Total Depth: 227.99 meters

Purpose: To test an area of copper mineralization and a coincident nickel-gold anomaly.

Results: The drill hole encountered profusely altered volcanics, minor limestone, altered ultramafics and some poorly developed listwanite alteration. No gold values of significance were encountered and the nickel values were relatively low, apparently due to talc alteration.

10.0 CONCLUSIONS

The Bornite property has the potential to host three separate types of mineral deposits: a skarn, a sedex type deposit and a porphyry nickel-gold deposit. The nickel-gold mineralization is of most interest at this particular time since the mineralization is relatively low-sulphur nickel sulphides and has been found over an extensive area.

11.0 RECOMMENDATIONS

A work program consisting of the following is recommended.

- 1) Additional soil sampling to cover the "newly" staked Bornite claims should be done.
- 2) A magnetometer/EM survey should be done over selected areas of the property, particularly in the area of the coincident Zn-Cu-Ag-Ba soil anomaly.
- 3) Additional drilling should be done to mainly test the coincident nickel-gold soil anomaly but also to test the extent of the nickel-bearing ultramafic. Additional drill holes may be required pending the outcome of the magnetometer/EM survey.

12.0 REFERENCES

- Assessment Report 2414, Report on a Geochemical & Geophysical Survey on the Diane 1 - 16 Mineral Claims, Tsitsutl Mountain Area, by E. D. Dodson, P. Eng., May 25, 1970.
- Ph. D. Thesis, The Ultrabasic and Associated Rocks of the Middle River Range, B. C., by H. W. Little April, 1947.
- G.S.C. Memoir 252, Fort St. James Map-Area, Cassiar and Coast District, British Columbia, by J. E. Armstrong, 1965
- G.S.C. Paper 38-10, Preliminary Report Northwest Quarter of the Fort Fraser Map-Area, B. C., by J. E. Armstrong, 1938.

13.0 STATEMENT OF COSTS

Sampling

129 soils analyzed for 30 elements by ICP and Au by FA/ICP at \$15.45/sample	\$ 1993.05
1608 soils analyzed for 30 elements by ICP and Au by FA/ICP at \$11.53/sample	\$18540.24
388 soils analyzed for 30 elements by ICP and Au by FA/ICP at \$12.80/sample	\$ 4966.40
9 soils analyzed for Pt and Pd by FA/ICP at \$9.81/sample	\$ 88.29
313 rocks analyzed for 30 elements by ICP and Au by FA/ICP at \$16.35/sample	\$ 5117.55
9 rocks analyzed for Pt and Pd by FA/ICP at \$18.02/sample	\$ 162.18
224 core samples analyzed for 30 elements by ICP and Au by FA/ICP at \$16.35/sample	\$ 3662.40
GST	\$ 2417.11
	<hr/>
	\$36947.22

Drilling

3092 feet of BQTK core at \$18.70/ft.	\$57820.40
341 man/machine hours at \$34.00/hr.	\$11594.00
Equipment	\$ 9621.87
GST	\$ 5586.05
	<hr/>
	\$85386.72

Helicopter

26.2 hours at \$840/hour	\$12008.00
5.3 hours at \$680/hour	\$ 3604.00
75.1 hours at \$620/hour	\$46562.00
27.7 hours at \$595/hour	\$16481.50
GST	\$ 5505.89

\$84161.39

Fuel

1661.0 liters at \$0.55/liter	\$ 913.55
5450.0 liters at \$0.65/liter	\$ 3542.50
1932.8 liters at \$0.96/liter	\$ 1855.49
100.0 liters at \$1.25/liter	\$ 125.00
GST	\$ 450.56

\$ 6887.10

Thin Sections

5 thin sections at \$10.00/section	\$ 50.00
14 PTS sections at \$22.00/section	\$ 308.00
19 off cuts at \$0.75/cut	\$ 14.25
Report	\$ 1800.00
SEM work	\$ 100.00
Shipping	\$ 12.00
GST	\$ 159.90

\$ 2444.15

Freight

\$ 1344.37

Propane, Jet B, Gas, Diesel

\$ 7959.39

Equipment

\$ 2620.83

Lumber

\$ 1514.90

Telephone

\$ 867.88

Groceries

\$ 7992.43

Wages

1 man at \$350/day for 82 days	\$28700.00
4 men at \$235.20/day/man for 28 days	\$26342.40
3 men at \$235.20/day/man for 45 days	\$31752.00
1 man at \$288.00/day for 35 days	\$10080.00
1 man at \$216.00/day for 12 days	\$ 2592.00
1 man at \$200.00/day for 19 days	\$ 3800.00
GST	\$ 7179.65

\$109746.04

Camp Rental

451 man days at \$30.00/man day	\$13530.00
GST	\$ 947.10

\$14477.10

Truck Rental

1 3/4 ton truck for 8 days at \$75/day	\$ 600.00
1 crew cab for 8 days at \$50/day	\$ 400.00
1 crew cab for 65 days at \$25/day	\$ 1625.00
1 suburban for 4 days at \$75/day	\$ 300.00
1 suburban for 24 days at \$37.50/day	\$ 900.00
Fuel	\$ 868.36
GST	\$ 328.54

\$ 5021.90

Expediting

\$ 312.83

TOTAL \$243889.25

14.0 STATEMENT OF QUALIFICATIONS

1. I am a graduate of the University of British Columbia having graduated in 1969 with a Bachelor of Science in Geology.
2. I have practiced my profession since 1969 in mineral exploration, oil and gas exploration and coal exploration.
3. I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia.
4. I have a direct interest in the Bornite Property.

Ursula G. Mowat

Ursula G. Mowat, P. Geo.



DATED THIS 30th DAY OF January, 1996 AT
VANCOUVER, B.C.

DIAMOND DRILL RECORD

PROPERTY BORNITE

HOLE No. B-95-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-1 Sheet No. 1
 Section _____
 Date Begun _____
 Date Finished _____
 Date Logged _____

Lat. 1+22N/11+05W
 Dep. _____
 Bearing 315°/-45°
 Elev. Collar _____

Total Depth 155.45 m.
 Logged By _____
 Claim _____
 Core Size BQTK

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
0	1.52		OB - boulders of: 1) dark grey grainy ash? with minor white 2-4 mm phenos of feldspar?, almost appears to be a v.f.g. diorite with minor pervasive epidote alteration; 2) lapilli tuff? with light yellow grey carbonate epidote replaced fragments; pyrrhotite and chalcopyrite disseminated throughout								
1.52	9.14		Volcaniclastic - dark grey to pale greenish grey, highly sericitic and carbonated with fragments of pale greenish grey with white semi-angular patches of sericite-carbonate, cut by hairline fractures coated with non-magnetic black mineral (tourmaline? pyrolusite?); one 10 cm section of black sericite-magnetite, trace chalcopyrite throughout; generally non-magnetic	125170	2.13	5.18	3.05	77	4	124	57
				125171	5.18	8.23	3.05	75	3	69	200
				125172	8.23	9.14	0.91	116	7	86	107

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-1

DIP TEST		
Angle		
Footage	Reading	Corrected

Hole No. B-95-1 Sheet No. 2 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
9.14	15.24		Ash - pale greenish grey, v.f.g., dense; highly sericitic (c.g.) with pervasive epidote and incipient garnet at top of section; cut by very minor white carbonate veinlets generally at 60° to CA; minor gouge zones at 30° to CA; patches and fracture coatings of black non-magnetic mineral; rock non-magnetic; virtually no sulphide	125173	9.14	12.19	3.05	46	9	100	48
				125174	12.19	15.24	3.05	159	<2	153	96
15.24	19.81		Shear Zone - fragments as above (9.14-15.24) in black matrix; shear 30° to CA; occasional white quartz veinlet, also brecciated showing tension gashes; one fracture with black bladed mineral, 3 cm long (tourmaline?); chalcopyrite at 19.5; lower contact 45° to CA	125175	15.24	18.29	3.05	315	3	105	103
				125176	18.29	19.81	1.52	208	<2	94	103
19.81	21.64		As above but less black matrix shear material; more solid sections of ash as at 9.14-15.24; shearing 45° to CA	125177	19.81	21.64	1.83	142	<2	124	101

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-1 Sheet No. 3 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
21.64	23.77		Shear Zone - shearing more intense at 15° to CA; very rusty fractures	125178	21.64	25.3	3.66	159	3	83	50
23.77	28.8		Ash - pale greenish grey with grainy texture as 9.14-15.24; minor black coated hairline fractures; very rare chalcopyrite and pyrrhotite; minor white carbonate veinlets at 25° to CA	125179	25.3	26.82	1.52	231	<2	47	80
				125180	26.82	28.8	1.98	95	<2	97	60
28.8	32.92		Shear - Breccia Zone - from 28.8 - 32.0 dominantly black, textureless to black with vague greyish patches of ash; from 32.0 - 32.92 bonafide breccia texture with fragments of crinoidal ash; cut by white carbonate and carbonate-quartz veinlets or patches; top part very broken; some carbonate veining post-shearing; chalcopyrite disseminated throughout sporadically; minor chalcopyrite on fractures	125181	28.8	31.85	3.05	206	7	75	106
				125182	31.85	32.92	1.07	233	4	59	100

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-1 Sheet No. 4 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
32.92	34.14		Ash - pale greenish grey cut by white carbonate veinlets up to 5 mm wide, generally at 55° to CA; occasional speck of chalcopyrite throughout usually associated with irregular white carbonate patches	125183	32.92	34.14	1.22	115	<2	45	60
34.14	34.29		Carbonate veinlet - white, 70° to CA with black ??? replaced ash fragments; minor pyrite in black sheared part of fragments	125184	34.14	34.19	3.05	150	8	50	82
34.29	38.7		Shear Zone? - dark grey to black intensely altered zone with much carbonate veinlets up to 10 cm wide dominantly at 70° to CA; pre and post shearing veinlets; pre-shearing veinlets broken into irregular patches; chalcopyrite and pyrrhotite throughout as clots and on fractures; section occasionally slightly magnetic	125185	37.19	38.7	1.51	263	4	53	107

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-1 Sheet No. 5 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
38.7	41.45		Ash - med. grey, grainy, dense, textureless; cut by minor white carbonate veinlets dominantly at 80° to CA but also at 20° to CA; chalcopyrite as clots and in veinlets; bedding at 65° to CA	125186	38.7	41.45	2.75	180	3	44	61
41.45	58.22		Ash - dark grey to blackish; irregular patches and veinlets of white carbonate (MAFIC ASH?) or just discolouration from magnetite (very minor) or black chlorite?; thin white hairline carbonate veinlets at 50° to CA; occasional chalcopyrite clots and on fractures throughout; patchily magnetic	125187	41.45	44.5	3.05	148	2	35	52
				125188	44.5	47.55	3.05	156	<2	37	64
				125189	47.55	50.6	3.05	224	2	39	51
				125190	50.6	53.65	3.05	181	<2	45	58
				125191	53.65	56.69	3.04	192	2	45	56
				125192	56.69	58.22	1.53	203	2	43	53
58.22	74.07		Ash? - c.g. mottled dark grey to black matrix with pale grey carbonate mottlings; cut by white hairline carbonate veinlets occasionally carrying chalcopyrite	125193	58.22	61.27	3.05	191	<2	45	57
				125194	61.27	64.31	3.04	200	2	45	83
				125195	64.31	67.36	3.05	181	2	46	57
				125196	67.36	70.41	3.05	249	6	47	58
				125197	70.41	73.46	3.05	235	2	50	63
			-62.79 - bedding at 75° to CA	125198	73.46	74.07	0.61	127	4	44	60

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-1 Sheet No. 6 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
58.22	74.07		- 65.83 - carbonate annealed breccia zone 1 cm wide at 85° to CA								
(cont'd)			- 65.83 - 71.32 vague black outlines of fragments; occasional black blade emanating from fractures								
74.07	76.51		Sediment rafted ash with definite fragments visible; med. grey dense ash in a mottled matrix of white carbonate black chlorite? replaced fragments and med. grey finer ash fragments	125199	74.07	76.51	2.44	257	13	66	106
			- 71.63 - c.g. chalcopyrite in white carbonate veinlet								
			- 74.07 - white carbonate veinlet 1cm wide at 30° to CA								
			- 74.07 - texture becomes more vague with smears of black and med. grey								
			- 75.29 - 75.89 smeared clots of pyrite-chalcopyrite 1.5 cm long								
76.51	77.42		As above; no sulphides	125200	76.51	77.42	0.91	169	4	52	79

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-1 Sheet No. 7 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
77.42	79.86		Dense black with streaks of dark grey (ash?) and sulphides; 5-10% pyrite and chalcopyrite; slightly magnetic	122551	77.42	79.86	2.44	347	7	74	95
79.86	81.38		Black dense with irregular swirls of carbonate patches and veinlets; no sulphides	122552	79.86	81.38	1.52	17	3	66	128
81.38	81.99		As 77.42 - 79.86	122553	81.38	81.99	0.61	343	8	97	122
81.99	83.52		Black dense, slightly magnetic with some fragmental texture near base; base 2 cm of sucrosic quartz and carbonate veining with pyrite	122554	81.99	83.52	1.53	154	3	73	115
83.52	91.44		Ash, pale greenish mottled due to carbonate; pervasive epidote; occasional layer of dense porcellanous ash with black hairline streaks; <0.5% chalcopyrite disseminated throughout - 88.39 - 91.44 distinct sediment rafted breccia texture; pale green dense porcellanous ash fragments in mottled buff and green matrix	122555	83.52	86.56	3.04	203	7	45	59
				122556	86.56	89.61	3.05	179	3	44	56
				122557	89.61	91.44	1.83	173	3	37	50

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-1 Sheet No. 8 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
93.52	91.44		- 90.53 - chalcopryrite and malachite in carbonate veinlet								
(cont'd)											
91.44	93.57		Dark grey to black matrix with swirls of med. grey and greenish grey ash; chalcopryrite and pyrite as dissemin- ated clots and on fractures throughout; slightly magnetic; minor light grey carbonate patches	122558	91.44	93.57	2.13	236	2	57	93
93.57	98.15		Ash - med. greenish grey; black chlorite? filled tensional cracks; minor white hairline carbonate veinlets at 60° to CA; chalcopryrite, pyrite and trace pyrrhotite disseminated throughout, becoming more light grey textureless, intensely altered by carbonate-sericite near base with irregular patches of white sucrosic quartz	122559	93.57	96.62	3.05	250	<2	51	77
				122560	96.62	98.15	1.53	248	1	58	70
98.15	99.97		Silicified Zone - light grey speckled with f.g. dots of green chlorite and buff feldspar; cut by white hairline carbonate veinlets and 3 breccia zones	122561	98.15	99.97	1.82	93	<1	32	52

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-1 Sheet No. 9 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
98.15	99.97		of above rock in white carbonate veinlet; breccia zones at 80° to CA near base								
			(Cont'd)								
99.97	101.19		Dark grey fragments in black matrix; fragments vague; matrix chloritic with minor magnetite; chalcopyrite disseminated and on fractures	122562	99.97	101.19	1.22	313	3	68	86
101.19	110.34		Ash-pale grey, dense, textureless occasionally showing tensional fractures outlined by black chlorite?; minor epidote; hard but not silicified; chalcopyrite and pyrrhotite on fractures and as disseminated clots; minor white carbonate veining; occasional white carbonate-sucrosic quartz patch; also a bright copper red metallic (native Cu? tarnished bornite?)	122563	101.19	104.24	3.05	273	1	58	74
				122564	104.24	107.29	3.05	248	9	52	66
				122565	107.29	110.34	3.05	234	1	52	65
110.34	119.48		As above but with distinct 1-2 mm white specks of altered feldspar? or bleached pyroxene?; weak pervasive epidote in matrix and phenos; minor	122566	110.34	113.39	3.05	222	<1	56	64
				122567	113.39	116.43	3.05	233	2	55	62
				122568	116.43	119.48	3.05	235	<1	54	61

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-1 Sheet No. 10 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
110.34	119.48		chlorite on fractures, weak chalcopyrite as clots and on fractures								
			- 115.82 - 119.48 green colour from epidote increasing slightly; also pheno (specks) size up to 5 mm; minor black phenos (altered pyroxene?) with residual magnetite in crystal outlines								
			- minor irregular patches of white sugrosic quartz								
			- 119.48 2.5 cm quartz veinlet at 40° to CA; contact is at 25° to CA								
119.48	124.92		Ash, dense, med. grey; cut by black siltstone? bands at 30-40° to CA; also black tensional gashes and carbonate-chalcopyrite filled tension gashes; minor chloritic alteration; chalcopyrite as 2 mm clots and on fractures throughout section (≈ 0.5% chalcopyrite); minor pyrite; lower contact 25° to CA	122569	119.48	124.92	2.44	251	3	46	61

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-1 Sheet No. 11 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
121.92	123.44		Ash - med. grey, dense with grainy texture; 1 mm white feldspar specks, as 110.34-119.48	122570	121.92	123.44	1.52	229	1	52	64
123.44	124.05		Sediment rafted breccia - sheared; black matrix with pale greenish ash fragments, minor chalcopryrite	122571	123.44	124.05	0.61	269	<1	61	71
124.05	125.58	20%	Pale greenish with 1 cm av. diameter, semi-angular fragments in a dark grey matrix; soft sediment deformation on lower contact	122572	124.05	125.58	1.53	229	4	25	61
125.58	130.45		Dominantly med. grey grainy, dense ash with 15 cm bands of rock at 124.05 - 125.58; chalcopryrite disseminated throughout	122573	125.58	128.63	3.05	230	3	53	63
				122574	128.63	130.45	1.82	237	11	52	64
130.45	131.37		Ash - light grey grainy with disseminated chalcopryrite; minor white carbonate veinlets at 60° to CA	122575	130.45	131.37	0.92	230	2	52	63
131.37	133.5		As 124.05-125.58; lower contact appears to be a shear at 20° to CA; some fragments have quartz eyes; black in tension gaspics appears to be at least in part biotite	122576	131.37	133.5	1.13	236	1	58	70

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-1 Sheet No. 12 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
133.5	135.03		Ash-med. grey grainy, dense, slightly magnetic with clots of pyrrhotite-chalcopyrite intergrowths; trace incipient garnet	122577	133.5	135.03	1.53	235	2	53	66
135.03	140.21		Breccia - sediment rafted? tectonic? pale green ash clasts, subrounded in blackish matrix of chlorite, minor magnetite; chlorite pervasive and on fractures; chalcopyrite-pyrrhotite intergrowths dominantly fracture-controlled; ~1% sulphide; some white carbonate veining dominantly at 50° to CA and occasionally vuggy; occasional irregular patch of sucrosic quartz	122578	135.03	138.07	3.04	260	2	70	76
				122579	138.07	140.21	2.14	244	1	70	71
140.21	145.69		As above but matrix less black; this looks more like tectonic breccia; fragments of pale green porcellanous ash, rare black chert and white carbonate; very minor white carbonate veinlets; trace disseminated chalcopyrite and	122580	140.21	143.26	3.05	188	5	55	58
				122581	143.26	145.69	2.43	266	15	61	67

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-1 Sheet No. 13 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
140.21	145.69		on fractures; slightly magnetic; (cont'd) carbonate veining at 30-40° to CA								
145.69	155.45		Breccia - tectonic; pale green epidotized porcellanous ash, minor black quartz. and white carbonate fragments in med. grey matrix; cut by minor white hairline carbonate veinlets at dominantly 80° to CA; slightly magnetic; chalcopyrite - pyrrotite intergrowths; chalcopyrite and pyrite as clots and mostly on fractures; 3-5% sulphides	122582	145.69	148.74	3.05	290	4	73	76
				122583	148.74	151.79	3.05	259	1	60	60
				122584	151.79	154.84	3.05	214	<1	51	58
				122585	154.84	155.45	0.61	209	<1	56	65

DIAMOND DRILL RECORD

PROPERTY BORNITE

HOLE No. B-95-2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2 Sheet No. 1
 Section _____
 Date Begun _____
 Date Finished _____
 Date Logged _____

Lat. 3+00S/12+00W
 Dep. _____
 Bearing 270°/-45°
 Elev. Collar _____

Total Depth 225.25 m.
 Logged By _____
 Claim _____
 Core Size BQTK

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
0	1.52		OB.								
1.52	9.14		Ash - pale greenish grey; matrix consists of white carbonate with blades of green actinolite; cut by black green veinlets and patches of chlorite? - actinolite - magnetite +/- white carbonate; minor chalcopyrite concentrated in dark green actinolite - magnetite areas	122586	1.52	4.57	3.05	104	<1	47	31
			- 3.05 - 3.66 irregular pale pinkish patches of carbonate with incipient garnet	122587	4.57	7.62	3.05	234	<1	42	55
			- 5.49 10 cm piece of altered diorite; white altered feldspar and green chloritized mafics	122588	7.62	9.14	1.52	500	12	39	59
9.14	10.06		Ash - pale greenish grey, dense; actinolite blades gone; black green chlorite - magnetite patches and irregular veinlets; general green colour from weak pervasive chlorite; minor chalcopyrite clots	122589	9.14	10.06	0.92	278	5	38	58

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. B-95-2 Sheet No. 2 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
10.06	10.97		Ash - med. greenish grey mottled by buff carbonate blotches; pervasive chlorite; slightly magnetic; trace chalcopyrite	122590	10.06	10.97	0.91	327	3	38	74
10.97	12.19		Ash - med. greenish grey, grainy, dense with pervasive chlorite and overprint of pervasive epidote; bands of yellow green epidote - replaced ash with minor white carbonate +/- magnetite +/- chlorite patches	122591	10.97	12.19	1.22	272	3	36	67
			Boulders in OB shifted. Hole deviated and started new hole.								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 1 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
7.01	10.66		<i>As 9.14-10.06; actinolite gradually diminishing and decreasing in size towards base; trace chalcopyrite in black green chlorite-magnetite patches</i>	122592	7.01	10.06	3.05	300	2	39	57
10.66	11.28		<i>Ash-mottled dark green with pale green interstitial material (chlorite-actinolite in carbonate); slightly magnetic; irregular patches of white carbonate +/- quartz with magnetite; trace chalcopyrite</i>	122593	10.06	10.66	0.60	303	4	37	71
				122594	10.66	11.28	0.62	209	4	35	67
11.28	12.5		<i>Ash-greyish green, dense, finely grainy with intense pervasive epidote; irregular "fragments" of quartz and carbonate; carbonate veining with magnetite and crystalline epidote rims; trace chalcopyrite throughout; moderately magnetic; black green magnetite-chlorite filled fractures</i>	122595	11.28	12.5	1.22	232	4	32	55
12.5	15.24		<i>Breccia - pale greenish grey porcellanous ash fragments in med. grey green chloritized matrix; epidote restricted</i>	122596	12.5	15.24	2.74	336	11	37	77

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 2 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
12.5	15.24		to fractures; chalcopyrite associated with epidote-magnetite-carbonate; minor quartz +/- carbonate veining; minor incipient garnet; trace chalcopyrite throughout; magnetic - 13.72 8 cm quartz veinlet at 80° to CA								
	(cont'd)										
15.24	22.56		As 12.5-15.24; fragmental texture less obvious; matrix heavily dotted by epidote clots and garnet; chalcopyrite in epidote; irregular sucrosic quartz patches throughout; weakly magnetic; general green colour from chlorite; trace disseminated chalcopyrite-pyrite, one patch of covellite in quartz patch - 19.51 garnet disappears - core gradually becomes pale greenish grey porcellanous ash fragments in a matrix of swirling dark green chlorite and yellow green epidote-rich rock	122597	15.24	18.29	3.05	289	17	36	75
				122598	18.29	21.34	3.05	309	14	37	121
				122599	21.34	22.56	1.22	323	16	33	73

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 3 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
15.24	22.56		- irregular white carbonate patches throughout								
(cont'd)			- dark green laths of actinolite in more chloritic sections								
22.56	25.6		Ash- dark green with 1 mm specks of white carbonate and epidote, very grainy; cut by black green chlorite- magnetite streaks; slightly magnetic; trace disseminated chalcopyrite throughout; minor white hairline carbonate veinlets	122600	22.56	25.6	3.04	285	14	40	72
25.6	67.36		Ash- light greyish green, porcellanous; chloritic with pervasive epidote dots and actinolite laths in matrix; minor grainy bands as at 22.56-25.6; minor white carbonate veining at 30° to CA; also irregular white carbonate patches, trace disseminated chalcopyrite throughout, slightly magnetic; cut by dark green chlorite- magnetite streaks	122601	25.6	28.65	3.05	329	17	38	78
				122602	28.65	31.49	3.04	297	18	38	89
				122603	31.69	34.75	3.06	298	10	36	82
				122604	34.75	37.8	3.05	343	17	42	83
				122605	37.8	40.84	3.04	250	43	45	68
				122606	40.84	43.89	3.05	285	10	47	72
				122607	43.89	46.94	3.05	286	6	44	71
				122608	46.94	49.99	3.05	292	4	46	74
				122609	49.99	53.04	3.05	274	6	41	100
				122610	53.04	66.08	3.04	335	8	43	79

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 4 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
25.6	67.36		-29.26 -29.57 sediment raft breccia of	122611	56.08	59.13	3.04	288	8	38	72
	(cont'd)		ash showing post-raft	122612	59.13	62.18	3.05	289	2	41	61
			brecciation and post-brecciation	122613	62.18	65.23	3.05	293	9	39	57
			carbonate veining; substantial.	122614	65.23	67.36	2.13	315	4	45	64
			garnet development								
			- after 29.57 only occasional garnet								
			patch with minor irregular								
			sucrosic quartz-magnetite								
			patches								
			-38.71 -40.84 white carbonate veinlet								
			running up CA								
			-41.45 -41.76 quartz veinlet sub-								
			parallel to CA								
			-42.67 -44.2 core yellow green from								
			intense epidote; also numerous								
			garnet bands and patches								
67.36	67.97		Dappled ash, dark greenish black 2 mm	122615	67.36	67.97	0.61	372	5	46	67
			dots of former pyroxene crystals in greyish								
			green carbonate-actinolite matrix;								
			epidote alteration virtually non-								
			existent being restricted to minor								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 5 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
67.36	67.97		fracture selvages or selvages on magnetite-chlorite-carbonate veinlets								
(Cont'd)											
67.97	69.19		Ash - dark greenish grey, grainy; matrix of white carbonate and chlorite-actinolite; black chlorite-magnetite streaks at 60° to CA; minor buff carbonate on fractures; magnetic	122616	67.97	69.19	1.22	245	6	43	55
69.19	79.86		Intermixed pale greenish grey porcellanous ash and v.f.g. grainy ash; epidote still restricted to fractures and still minor; chalcopyrite occasionally disseminated throughout black chlorite-magnetite streaks; weakly magnetic	122617	69.19	72.24	3.05	286	12	37	57
				122618	72.24	75.26	3.02	289	4	39	59
				122619	75.26	78.33	3.07	294	7	36	57
				122620	78.33	79.86	1.53	300	3	42	62
79.86	83.97		Ash - med. greenish grey, coarsely grainy with dark green chlorite-actinolite dots in interstitial white carbonate; trace chalcopyrite-pyrite disseminated throughout; black chlorite-magnetite veinlets and patches; minor hairline white carbonate veinlets; magnetic; lower contact at 40° to CA	122621	79.86	82.91	3.05	285	17	46	56
				122622	82.91	83.97	1.06	280	12	41	54

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Angle		
Footage	Reading	Corrected

Hole No. B-95-2A Sheet No. 6 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
83.97	86.56		As 79.86-83.97 but v.f.g version; occasional clot of chalcopyrite-pyrrhotite intergrowths; lower contact at 80° to CA; consists of 10 cm of intermixed white carbonate - quartz veinlets separated by brecciated epidotized ash	122623	83.97	86.56	2.59	288	11	37	59
86.56	92.05		Ash - pale greenish grey, porcellanous, dense with very weak pervasive epidote alteration; minor grainy bands as above; pronounced black magnetite-chlorite streaks at 60° to CA; also minor white hairline carbonate veinlets and epidote streaks; trace disseminated chalcopyrite throughout; weakly magnetic -90.53-91.14 intensely streaked (sheared) with black chlorite-magnetite veinlets and yellow green epidote bands; minor lenses of white quartz-magnetite with chalcop- pyrite; upper and lower contacts at 50° to CA	122624 122625	86.56 89.61	89.61 92.05	3.05 2.44	293 293	5 4	43 40	59 66

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 7 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
92.05	92.96		AS 79.86 - 83.97	122626	92.05	92.96	0.91	299	2	46	62
92.96	96.93		Grades from f.g. version of above to	122627	92.96	96.01	3.05	286	3	45	72
			porcellanous ash; slightly magnetic; trace	122628	96.01	96.93	0.92	305	3	44	69
			chalcopyrite disseminated throughout and								
			occasionally on fractures								
			-95.4 5 cm white carbonate-quartz								
			veinlet with breccia fragments,								
			40° to CA								
96.93	104.55		Intensely contorted mass of colours:	122629	96.93	99.97	3.04	369	2	47	64
			pale greenish chloritized porcellanous	122630	99.97	103.02	3.05	170	<2	60	31
			ash to pale yellow green epidotized with	122631	103.02	104.55	1.53	156	<2	64	36
			black green patches of chlorite-magnetite,								
			buff carbonate, white quartz, white								
			carbonate and occasional pinkish streak								
			of carbonate with incipient garnet;								
			trace chalcopyrite and pyrrhotite								
			disseminated along fractures or shearing,								
			intensely carbonated in sections - appears								
			bleached here; erratically weakly								
			magnetic; also more intensely								
			epidotized areas								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 8 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
104.55	106.38		Ash - pale greyish green, porcellanous with moderately intense epidote; minor black magnetite - chlorite streaks; trace disseminated chalcopyrite throughout.	122632	104.55	106.38	1.83	311	3	63	58
			-105.46 -106.38 Brecciated ash, breccia matrix swirling mass of black green chlorite +/- magnetite, yellow green epidote and minor garnet								
106.38	107.59		Ash - pale greenish grey, porcellanous; minor black chlorite - magnetite streaks; non-magnetic; minor pervasive epidote; trace disseminated chalcopyrite	122633	106.38	107.59	1.21	269	2	53	63
107.59	114.0		Light greenish grey, very limey with erratic and numerous swirls, patches and streaks of yellow green epidote; pink carbonate with incipient garnet; occasional speck of chalcopyrite; non-magnetic	122634	107.59	110.64	3.05	140	11	58	30
			-113.39 definite fragmental texture; yellowish carbonate - replaced	122635	110.64	114.0	3.36	109	12	62	34

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 9 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
107.59	114.0		fragments visible; also numerous white carbonate patches								
			(cont'd)								
114.0	115.52		Ash - pale greyish green, porcellanous, speckled with dark green chlorite +/- magnetite angular dots (former pyroxene crystals?); carbonated; cut by buff irregular carbonate zones and dark green chlorite patches; minor incipient garnet; upper contact 65° to CA; lower contact gradational but epidote streaking at 45° to CA	122636	114.0	115.52	1.52	122	3	56	31
115.52	116.74		Gradational unit from above to swirling mass of colours; occasional patch of unit above visible; black magnetite patches; lower contact or epidote streaks at 40° to CA; carbonated; locally magnetic	122637	115.52	116.74	1.22	119	5	60	33
116.74	122.53		Ash - med. greyish green, chloritized with some pervasive epidote; cut by yellow green epidote and buff epidote-carbonate patches and streaks; black patches of	122638	116.74	119.79	3.05	125	3	44	32
				122639	119.79	122.53	2.74	125	<2	39	27

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 10 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
116.74	122.53		chlorite - magnetite; minor quartz lenses with magnetite +/- chalcopyrite; occasional chalcopyrite clot; weakly magnetic, pervasive carbonate alteration gone by 117.96								
(cont'd)											
122.53	131.06		Ash - yellow greyish green, porcellanous with strong pervasive epidote alteration to med. green ash with chloritic alteration, minor yellow green epidote veinlets and black green chlorite - magnetite patches and streaks; weakly magnetic -125.50 10 cm quartz zone consisting of irregular veinlets	122640	122.53	125.50	3.05	179	<2	40	28
				122641	125.50	128.63	3.05	96	2	44	29
				122642	128.63	131.06	2.43	127	2	61	34
131.06	136.55		Intensely altered ash with intense pervasive epidote and epidote veinlets occasionally with garnet; swirling yellow green epidote throughout; minor white carbonate patches and veinlets, black areas of disseminated magnetite; occasional speck of chalcopyrite	122643	131.06	134.11	3.05	167	2	55	36
				122644	134.11	136.55	2.11	145	4	66	42
			-135.03 epidote decreasing and alteration								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 11 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
131.06	136.55		becomes more chloritic								
			(cont'd) -135.64 5 cm white carbonate veinlets at 45° to CA								
136.55	138.99		Ash-pale grey green, porcellanous, chloritic with pale yellow green epidote as veinlets and pervasive; minor white carbonate veinlets, black magnetite-rich streaks and patches, getting more chloritic towards base; occasional speck of chalcopyrite	122645	136.55	138.99	2.44	137	<2	41	50
138.99	141.12		Dark green to black green, very chloritic, textureless; cut by myriads of white irregular carbonate veinlets occasionally with garnet and chalcopyrite; black patches of chlorite-magnetite; overall erratically weakly magnetic; veining with no preferred orientation and tensional in nature; trace disseminated chalcopyrite; 8 cm white carbonate veinlet at base at 45° to CA	122646	138.99	141.12	2.13	144	5	55	48
141.12	143.26		Grainy ash, dark green chloritic matrix with pale yellow epidote-carbonate and white carbonate specks of altered phenos; cut by	122647	141.12	143.26	2.14	133	<2	64	49

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 12 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
141.12	143.26		veinlets and in upper part of section swirls of pink (carbonate with garnet +/- grey-green (epidote-carbonate); minor magnetite disseminated throughout; trace chalcopyrite								
		(cont'd.)									
143.26	145.69		Pale greenish grey strongly carbonated with dominantly chlorite-carbonate alteration; minor white carbonate veinlets, dark green to black chlorite-magnetite patches and pale buff to green carbonate streaks from garnet and epidote; locally magnetic; trace chalcopyrite throughout	122648	143.26	145.69	2.43	129	3	94	36
145.69	150.57		Mottled pale yellow green, strongly epidotized ash in greyish carbonate-epidote matrix; 1cm patches of magnetite-carbonate; also white carbonate patches reminiscent of gypsum balls; minor white carbonate veinlets and pale yellow green epidote streaks; trace chalcopyrite throughout	122649	145.69	148.74	3.05	100	13	83	31
				122650	148.74	150.57	1.83	103	<2	84	36
			-148.74 moderate garnet development ≈ 10% in erratic bands								
			-149.05 fragments of yellow green ash replaced by epidote								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 13 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
150.57	153.62		Shear Zone - pale greenish grey, carbonated, textureless with minor white carbonate patches; non-magnetic; trace pyrite	122651	150.57	153.62	3.05	266	2	46	39
153.62	156.36		Ash - pale greenish grey, chloritized, carbonated with vague white and black phenos; intensely streaked by pale green epidote at 60-80° to CA; large black magnetite-carbonate patches; trace chalcopyrite	122652	153.62	156.36	2.94	134	3	74	36
156.36	157.89		Ash - pale grey with pale yellow green epidote streaks; irregular dark grey quartz-magnetite patches; moderately magnetic throughout; lower contact 60° to CA; upper contact gradational but epidote streaks at 65° to CA	122653	156.36	157.89	1.53	186	4	41	34
157.89	161.85		Garnet Skarn - reddish hue from 20-50% garnet; original rock porcellanous ash, light grey, carbonated with pervasive epidote clots; patches of dark grey quartz-magnetite; also white carbonate veinlets sub-parallel to CA with breccia fragments	122654	157.89	160.93	3.04	307	<2	65	78
				122655	160.93	161.85	0.92	123	2	51	56

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 14 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
157.89	161.85		of garnet skarn, $\approx 0.5\%$ chalcopyrite, pyrrhotite, pyrite disseminated through- out; moderately magnetic								
			(cont'd)								
161.85	162.15		Ash - pale greyish green, carbonated with black magnetite - replaced angular phenos, patches of yellow green epidote and red and black veinlets and patches of garnet- magnetite	122656	161.85	162.15	0.30	34	<2	47	55
162.15	162.46		F.g. diorite - dark grey with 0.5-1 mm white feldspar phenos; magnetic; upper contact 65° to CA; lower contact 60° to CA	122657	162.15	162.46	0.31	8	<2	17	4
162.46	168.25		Skarn - pale yellow green from pervasive epidote; carbonated; red patches of garnet - carbonate, black patches of magnetite - rich carbonate, garnet and epidote intensity variable; minor quartz- magnetite patches	122658	162.46	165.51	3.05	107	<2	47	56
			- 167.34 white carbonate veinlet at 10° to CA with breccia fragments of altered rock	122659	165.51	168.25	2.74	124	<2	47	47

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-2A Sheet No. 15 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
168.25	188.37		Ash - pale greenish, porcellanous with	122660	168.25	171.3	3.05	121	6	47	30
			variable epidote intensity; moderate	122661	171.3	174.35	3.05	120	5	46	42
			quartz-magnetite patches; occasional	122662	174.35	177.35	3.04	116	5	63	32
			band of garnet; minor black magnetite	122663	177.39	180.44	3.05	123	9	67	35
			patches and occasionally chlorite -	122664	180.44	183.49	3.05	90	5	62	29
			magnetite; moderately magnetic; trace	122665	183.49	186.54	3.05	180	10	63	33
			chalcopyrite; epidote gradually	122666	186.54	188.37	1.83	91	4	59	27
			decreasing down hole								
188.37	216.1		Pale greenish grey, carbonated; green	122667	188.37	191.41	3.04	88	5	50	26
			colouration dominantly chlorite with	122668	191.41	194.46	3.05	139	7	60	32
			irregular black chlorite-magnetite	122669	194.46	197.51	3.05	179	7	53	27
			streaks and patches; occasional epidote	122670	197.51	200.56	3.05	196	5	57	32
			streak and minor white carbonate -	122671	200.56	203.61	3.05	261	<2	62	38
			coated fractures	122672	203.61	206.65	3.04	163	3	59	31
			-196.29 trace chalcopyrite and bornite	122673	206.65	209.7	3.05	136	6	53	29
			in quartz-magnetite lense;	122674	209.7	212.75	3.05	146	20	52	28
			from 196.29 chalcopyrite in	122675	212.75	216.1	3.35	151	7	54	33
			magnetite-rich areas increasing								
			-200.25 trace chalcopyrite and bornite								
			in magnetite-chlorite patch								
			-206.96 - 207.57 minor patchy epidote and								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
Angle		
Footage	Reading	Corrected

Hole No. B-95-2A Sheet No. 16 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
188.57	216.1		quartz lenses								
(cont'd)			- 214.58 - 215.49 white carbonate veinlet sub-parallel to CA								
216.1	218.24		Pale greenish grey porcellanous ash fragments in grainy chloritic matrix with epidotized felsic? or carbonate? material; minor white carbonate veinlets occasionally with black chlorite-magnetite; minor epidote streaks; weakly magnetic; trace chalcopyrite clots disseminated throughout	122676	216.1	218.24	2.14	349	2	71	94
218.24	223.72		Dyke - dark blackish olive green to olive green; aphanitic with minor 0.5-1 mm white feldspar phenos; pyrrhotite (up to 10%) disseminated throughout; minor white carbonate veinlets at 10-20° to CA; contacts at 45° to CA	122677	218.24	221.29	3.05	25	2	9	74
				122678	221.29	223.72	2.43	9	3	5	83
223.72	225.25		Ash - pale greenish grey to greyish green; variably altered by pervasive epidote, intense carbonate and chlorite with	122679	223.72	225.25	1.53	108	6	100	51

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-2A

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. B-95-2A Sheet No. 17

Section _____

Date Begun _____

Date Finished _____

Date Logged _____

Lat. _____

Dep. _____

Bearing _____

Elev. Collar _____

Total Depth _____

Logged By _____

Claim _____

Core Size _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
223.72	225.25		<i>black angular magnetite - replaced phenos?; trace chalcopyrite; non to weakly magnetic</i>								

DIAMOND DRILL RECORD

PROPERTY BORNITE

HOLE No. B-95-3

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-3 Sheet No. 1
 Section _____
 Date Begun _____
 Date Finished _____
 Date Logged _____

Lat. 4+12 E / 14+00 S
 Dep. _____
 Bearing 270° / -50°
 Elev. Collar _____

Total Depth 195.07 m
 Logged By _____
 Claim _____
 Core Size BQTK

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
0	1.52		OB								
1.52	6.71		Argillite - extremely rusty and weathered	122680	1.52	6.71	5.19	75	4	16	46
6.71	14.63		Light grey siltstone and black argillite, bedding at 40° to CA; 1-5% pyrite disseminated as cubic crystals and occasionally along bedding planes; minor disseminated pyrrhotite, carbonate veining at 40° to CA; some epidote in carbonate veinlets	122681	6.71	9.75	3.04	73	2	27	90
				122682	9.75	12.8	3.05	56	1	26	55
				122683	12.8	14.63	1.83	55	10	26	52
14.63	15.24		Dyke - olive green, aphanitic matrix with remnant pyroxene phenos, rounded and replaced by black magnetite or white carbonate; slightly magnetic; contacts missing	122684	14.63	15.24	0.61	17	3	59	99
15.24	114.3	10%	Argillite - black and med. grey siltstone bands (50:50); occasional limestone fragment; moderately magnetic; ≈ 10% sulphides (pyrite and pyrrhotite 50:50); pyrite cubes up to 1 cm	122685	15.24	18.29	3.05	87	4	28	56
				122686	18.29	21.34	3.05	62	4	20	49
				122687	21.34	24.38	3.04	81	1	21	41
				122688	24.38	27.43	3.05	64	5	21	47
				122689	27.43	30.48	3.05	100	7	36	89
			- from 31.7 mostly black argillite with very thin siltstone bands	122690	30.48	33.53	3.05	94	7	55	145
				122691	33.53	36.58	3.05	72	8	58	141

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-3

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-3 Sheet No. 2 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
15.24	114.3		-33.53 sulphide dominantly pyrrhotite	122692	36.58	37.62	3.04	65	6	38	143
	(cont'd)		(20%)	122693	39.62	42.67	3.05	59	5	32	107
			-39.01 trace chalcopyrite in massive	122694	42.67	45.72	3.05	47	2	23	79
			pyrrhotite clot; chalcopyrite	122695	45.72	48.77	3.05	52	6	29	96
			increases from here on downward	122696	48.77	51.82	3.05	102	4	36	126
			-42.37 2.5 cm long clot of massive	122697	51.82	54.86	3.04	103	3	53	135
			pyrrhotite with chalcopyrite	122698	54.86	57.91	3.05	96	3	51	127
			-53.34 dominant sulphide pyrite as	122699	57.91	60.96	3.05	111	3	53	138
			veinlets mainly	122700	60.96	64.01	3.05	76	3	33	81
			-56.39 trace reddish sphalerite with	122701	64.01	67.06	3.05	96	4	40	80
			pyrrhotite in carbonate veinlet	122702	67.06	70.1	3.05	96	3	35	71
			-60.96 sulphides diminishing	122703	70.1	73.15	3.05	78	6	43	104
			especially pyrrhotite; sulphides	122704	73.15	76.2	3.05	115	3	52	159
			pyrite and pyrrhotite (50:50)	122705	76.2	79.25	3.05	87	3	28	91
			-77.42 - 77.72 dark grey siltstone band	122706	79.25	82.3	3.05	93	6	40	162
			with irregular white carbonate								
			veining; magnetic; contacts at								
			45° to CA								
			-77.72 - 81.99 argillite, very silty or								
			very argillaceous siltstone with								
			pyrrhotite and chalcopyrite								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-3

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-3 Sheet No. 3 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
15.24	114.3		- 81.99 dominantly argillite	122707	82.3	85.34	3.04	92	7	39	366
(cont'd)			- 103.63 - 108.2 more silty argillite,	122708	85.34	88.39	3.05	86	9	23	257
			very little sulphide, non-	122709	88.39	91.44	3.05	106	13	49	147
			magnetic; trace red sphalerite	122710	91.44	94.49	3.05	73	8	31	751
			in carbonate veinlet	122711	94.49	97.54	3.05	73	6	20	180
			- 108.2 - 108.81 white lath-like mineral	122712	97.54	100.58	3.04	132	15	40	491
			in argillite sections with	122713	100.58	103.63	3.05	108	14	45	923
			feldspar shapes; also from 108.2	122714	103.63	106.68	3.05	92	12	26	277
			dominant sulphide pyrite (10%)	122715	106.68	109.73	3.05	97	6	29	430
			parallel to bedding planes	122716	109.73	112.78	3.05	47	1	15	98
			- 112.17 veinlet of brown mineral	122717	112.78	114.3	1.52	22	2	7	60
			(sphalerite?)								
114.3	118.57		Argillite - black, very carbonaceous, 10%	122718	114.3	117.35	3.05	85	7	25	324
			pyrite; minor white carbonate	122719	117.35	118.57	1.22	118	6	39	913
			veinlets; graphitic bedding								
			planes								
118.57	119.18		Dyke - olive green, aphanitic, silicified	122720	118.57	119.18	0.61	14	3	6	56
			matrix with vague med. green chlorite-								
			replaced pyroxene phenos; contacts at								
			80° to CA								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-3

DIP TEST		
Angle		
Footage	Reading	Corrected

Hole No. B-95-3 Sheet No. 4 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
119.18	149.35		Argillite - black, very carbonaceous, 10% pyrite; very magnetic; trace pyrrhotite; magnetite; minor med. grey siltstone bands at 60° to CA; minor white carbonate veining; pyrrhotite on fractures and disseminated; pyrite parallels bedding planes	122721	119.18	122.23	3.05	100	8	23	438
				122722	122.23	125.27	3.04	75	11	20	311
				122723	125.27	128.32	3.05	89	13	22	428
				122724	128.32	131.37	3.05	123	7	24	393
				122725	131.37	134.42	3.05	92	7	22	329
				122726	134.42	137.47	3.05	143	5	30	793
				122727	137.47	140.51	3.04	103	15	21	328
				122728	140.51	143.56	3.05	101	2	23	483
				122729	143.56	146.61	3.05	59	12	10	138
				122730	146.61	149.35	2.74	112	12	24	522
149.35	195.07		Argillite - black with thin siltstone bands at 60° to CA; pyrite bands at 60° to CA; minor pyrrhotite - chalcopyrite lenses; very magnetic; minor carbonate veining	122731	149.35	152.4	3.05	83	11	21	360
				122732	152.4	155.45	3.05	124	18	31	534
				122733	155.45	158.5	3.05	86	9	24	524
				122734	158.5	161.54	3.04	113	14	27	651
				122735	161.54	164.59	3.05	93	4	25	352
			- 154.84 - 157.89 as above but very broken	122736	164.59	167.64	3.05	104	11	22	320
				122737	167.64	170.69	3.05	77	8	21	224
			- 158.8 sulphide dominantly pyrrhotite (10-20%)	122738	170.69	173.74	3.05	58	3	17	92
				122739	173.74	176.78	3.04	51	6	13	93
			- 167.34 brown biotite? brown sphalerite?	122740	176.78	179.83	3.05	85	6	40	179
				122741	179.83	182.88	3.05	64	8	69	112

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-3

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-3 Sheet No. 5 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu	Au	Ni	Zn
								ppm	ppb	ppm	ppm
149.35	195.07		- rock becomes increasingly hard (baked?)	122742	182.88	185.93	3.05	77	8	37	188
(cont'd)			from 173.74 on; brown mineral at	122743	185.93	188.98	3.05	63	10	21	115
			167.34 present to bottom	122744	188.98	192.02	3.04	61	2	13	103
				122745	192.02	195.07	3.05	68	6	28	154

DIAMOND DRILL RECORD

PROPERTY BORNITE

HOLE No. B-95-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-4 Sheet No. 1
 Section _____
 Date Begun _____
 Date Finished _____
 Date Logged _____

Lat. 11+00E / 11+00S
 Dep. _____
 Bearing 277° / -45°
 Elev. Collar _____

Total Depth 89.92 m
 Logged By _____
 Claim _____
 Core Size BQTK

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
0	1.52		OB								
1.52	6.1		Serpentine, dark green; 30% magnetite; 1% sulphide dominantly pyrite, minor pyrrhotite	122746	1.52	6.1	4.58	6	2	1926	17
6.1	21.34		Porphyritic, serpentinized ???; dark green serpentine matrix with elongate monoclinic phenos of some type of hornblende?; phenos are replaced by white talc +/- carbonate with residual magnetite; phenos occasionally stained orange; trace pyrite	122747	6.1	12.19	6.09	10	10	1653	<1
				122748	12.19	16.46	4.27	31	1	1539	<1
				122749	16.46	21.34	4.88	2	1	1641	<1
			-14.33 small section of serpentinized ?? with dark green matrix and 2 mm white talc spots; texture looks like dyke at 22.56; upper contact 50° to CA; lower contact at 40° to CA								
			-14.63 5cm irregular carbonate-quartz veinlet at ~45° to CA with brownish sooty metallic (pentlandite)								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-4 Sheet No. 2 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
21.34	22.56		Serpentinite Breccia - dark green cut by myriads of yellow green serpentine and white quartz +/- carbonate veinlets; fragmental texture (vague) from less altered peridotite; trace pyrrhotite and pyrite; veining dominantly at 80° to CA	122750	21.34	22.56	1.22	5	2	2010	22
22.56	24.99		Contact phase - dyke black to dark grey, v.f.g. biotite monzonite? with zones of white rounded carbonate-replaced specks of feldspar? or possibly amygdules from 1-10 mm with chlorite rim +/- pyrite as an outer rim; also "fresh" white feldspar phenos up to 2 cm long and 1 cm wide; minor pyrite on fractures; non-magnetic; minor white carbonate veining	125801	22.56	24.99	2.43	13	<1	58	49
24.99	28.96		F.g. Diorite - 50% slightly chloritized biotite, 50% white feldspar; non-magnetic	125802	24.99	28.96	3.97	41	3	82	77
			-26.98 white carbonate veinlet at 45° to CA								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-4 Sheet No. 3 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
24.99	28.96		-28.96 white carbonate veinlet with dark green chlorite at 40° to CA								
	(cont'd)										
28.96	33.22		Altered peridotite, black dense, textureless; erratically altered by talc; trace sulphide; magnetic	125803	28.96	33.22	4.26	5	5	1700	24
33.22	35.97	30%	Brecciated serpentine with occasional pheno visible (white carbonate rim with green serpentine and residual magnetite core) up to 2 cm long and 1 cm wide; occasional orange-coloured talc	125804	33.22	35.97	2.75	8	5	1957	23
35.97	42.67		Very altered porphyry as at 6.1-21.34; dark green serpentine matrix with vague outlines of phenos (white talc +/- quartz); core of phenos pale green serpentine, magnetite and sulphide (needle-shaped, v.f.g.); cut by green serpentine veinlets; 1% disseminated sulphide (pyrite and ??)	125805	35.97	39.62	3.45	4	6	1940	19
			- 39.62 - 42.67 section brecciated	125806	39.62	42.67	3.05	9	5	1745	18
42.67	54.86		Dark green serpentine, dense, textureless; numerous breccia and gouge zones; minor	125807	42.67	45.72	3.05	4	3	1926	18
				125808	45.72	48.77	3.05	3	<1	1984	20

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-4 Sheet No. 4 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu	Au	Ni	Zn
								ppm	ppb	ppm	ppm
42.67	54.86		white carbonate and quartz veinlets and lenses; 1% disseminated sulphides throughout; yellow green serpentine on fractures	125809	48.77	51.82	3.05	38	2	2016	21
(cont'd)				125810	51.82	54.86	3.04	5	1	2078	17
54.86	72.54		As at 35.97-42.67 (very altered porphyry) but porphyritic texture very vague; only med. grey talc outlines visible; 1% sulphide; occasional brecciated section	125811	54.86	57.91	3.05	5	1	1958	16
				125812	57.91	60.96	3.05	6	3	2007	17
				125813	60.96	64.01	3.05	6	6	1893	16
				125814	64.01	67.06	3.05	3	3	2065	19
72.54	73.15		Gouge - grey to greenish with small (<1 cm) serpentine fragments	125815	67.06	70.1	3.04	4	2	2079	19
				125816	70.1	72.54	2.44	7	<1	2161	18
				125817	72.54	73.15	0.61	14	15	1906	20
			Hole caving - start B-95-4A								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-4A

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-4A Sheet No. 1 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
?	31.09		Diorite, med. grey, f.g. with 40% biotite and 60% altered feldspar; non-magnetic								
31.09	31.39		Peridotite, black, dense, magnetic; weakly altered by serpentine								
31.39	35.66		Intensely serpentinized harzburgite and yellow green serpentine; slickensided	125818	31.39	35.66	4.27	9	11	2346	25
35.66	40.84		Altered harzburgite - dark olive greenish black matrix of serpentine with irregular white patches of talc (former pyroxene crystals); fractures coated by yellow green serpentine; 0.5% sulphide (pyrite, pyrrhotite)	125819	35.66	38.71	3.05	4	1	1956	20
				125820	38.71	40.84	2.13	4	<1	2086	20
40.84	42.37		Muddy gouge zone with yellow green serpentine fragments; upper contact at 80° to CA	125821	40.84	42.37	1.53	7	2	2024	24
42.37	48.77		Harzburgite, dark black green, serpentinized with v.f.g. - f.g. white talc-replaced pyroxene phenos; very magnetic; yellow green serpentine	125822	42.37	45.42	3.05	4	3	1989	20
				125823	45.42	48.77	3.35	4	4	2000	20

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-49

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-49 Sheet No. 2
 Section _____
 Date Begun _____
 Date Finished _____
 Date Logged _____

Lat. _____ Total Depth _____
 Dep. _____ Logged By _____
 Bearing _____ Claim _____
 Elev. Collar _____ Core Size _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
42.37	48.77		<i>slicks; 0.5% sulphide (pyrite, rutile?, pyrrhotite)</i>								
			<i>(cont'd)</i>								
48.77	51.82		<i>Shear zone - broken yellow green serpentine and clay fault gouge; no visible sulphide</i>	125824	48.77	51.82	3.05	8	1	1953	21
51.82	69.19		<i>Harzburgite, serpentinized; dark green serpentinized matrix with white talc - replaced pyroxene phenos irregular in shape and size; yellow green serpentine bands along fractures; intensely brecciated and serpentinized throughout section; 1% sulphide (pyrrhotite, pyrite and silver cubic metallic)</i>	125825	51.82	54.86	3.04	4	<1	2113	19
				125826	54.86	57.91	3.05	5	2	1963	19
				125827	57.91	60.96	3.05	5	2	1790	18
				125828	60.96	64.01	3.05	5	1	1896	18
				125829	64.01	67.06	3.05	3	1	1943	19
				125830	67.06	69.19	2.13	22	3	1888	17
69.19	72.24		<i>Ream or fault gouge; grey clay and serpentine gravel</i>	125831	69.19	72.24	3.05	121	7	2039	91
72.24	73.46		<i>Harzburgite, serpentinized; dark green serpentine matrix with greyish to dark green pyroxene phenos (av. 1 cm); 0.5% pyrrhotite disseminated throughout; yellow green serpentine on fractures; dark grey peridotite at 55° to CA; no visible sulphides</i>	125832	72.24	73.46	1.22	15	6	1841	22

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-49

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-49 Sheet No. 3 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
73.46	74.98		Breccia - black to yellow green serpentine; trace pyrrhotite.	125833	73.46	74.98	1.52	5	5	1777	18
74.98	75.59		Peridotite; dark grey with 0.5% pyrrhotite	125834	74.98	75.59	0.61	7	2	1834	19
75.59	76.81		Breccia and gouge	125835	75.59	76.81	1.22	5	4	1908	19
76.81	78.03		Harzburgite, black to dark grey relatively unaltered with vague white to med. grey pyroxene phenos visible; minor disseminated sulphide.	125836	76.81	78.03	1.22	4	4	1726	18
78.03	86.56		Fault gouge with small sections of peridotite; black serpentinized matrix (very altered) and med. grey talcose patches of peridotite fragments or remnants of variably altered peridotite. 0.5% sulphide (pyrite, trace chalcopyrite and rutile needles)	125837	78.03	81.08	3.05	6	6	1758	20
				125838	81.08	84.13	3.05	7	7	1930	21
				125839	84.13	86.56	2.23	6	2	1953	21
86.56	89.92		Serpentine, shattered, med green with occasional patch of peridotite as described above	125840	86.56	89.92	3.36	192	3	1901	142

DIAMOND DRILL RECORD

PROPERTY BORNITE

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 1
 Section _____
 Date Begun _____
 Date Finished _____
 Date Logged _____

Lat. 2+775/11+65E
 Dep. _____
 Bearing 226°/-60°
 Elev. Collar _____

Total Depth 227.99 m.
 Logged By _____
 Claim _____
 Core Size BQTK

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
0	1.52		OB								
1.52	6.4		Volcanic? dark green completely altered to talc; cut by hairline white talc veinlets with no preferred orientation; also med. grey talc-filled fracture zones; minor fragmental texture; moderately magnetic; green colour may be due to diopside - 5.18 - 5.49 mariposite green talc +/- silica fragments of ash? in black matrix	125841	1.52	4.57	3.05	12	3	1787	42
				125842	4.57	6.4	1.83	13	2	1208	30
6.4	7.32		Breccia? - pale mariposite green to pale green grey talc +/- silica replaced fragments of ash in dark green to black matrix; pale grey talc fracture zones; magnetic; trace pyrrhotite	125843	6.4	7.32	0.92	19	14	1185	28
7.32	8.53		Fracture zone - dark green volcanic? talc replaced with white talc-filled tensional fractures; veining intense; magnetic; trace disseminated pyrrhotite and chromite	125844	7.32	8.53	1.21	7	2	1665	37

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 2 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
8.53	28.96		Blackish green, dense, generally textureless, cut by white hairline talc veinlets	125845	8.53	11.58	3.05	9	<1	1636	32
			generally at 40° to CA; 0.5% disseminated sulphide mainly pyrrhotite;	125846	11.58	14.63	3.05	14	2	1562	28
			magnetic, minor dark grey fragments	125847	14.63	17.68	3.05	23	<1	1515	25
			also talc-replaced; texture looks like peridotite	125848	17.68	20.73	3.05	16	2	1604	24
				125849	20.73	23.77	3.04	12	1	1633	25
				125850	23.77	26.82	3.05	16	<1	1541	22
				125851	26.82	28.96	2.14	8	2	1626	26
			-18.29 banding from med. grey talc-replaced, connected ovoids at 50° to CA; sheared peridotite nodules?								
			-17.37 - 19.2 c.g. green talc with vugs								
			-21.95 gouge zone at 30° to CA								
28.96	30.48		Shear zone - dark green talcose with magnetite and trace sulphide, 10° to CA; green colouration looks like chlorite; magnetic; minor white hairline talc veinlets	125852	28.96	30.48	1.52	8	1	1332	27
			-29.57 light grey silicified ??? with c.g. clots of pentlandite?								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 3 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
30.48	34.44		As above - dark green but more competent; dark brown magnetite-looking mineral - chromite?; minor white hairline talc veinlets; magnetic	125853	30.48	33.53	3.05	12	4	1518	29
				125854	33.53	34.44	0.91	8	<1	1631	28
34.44	36.58		Med. grey dense textureless; cut by white talc veinlets and patches of dark green talc-magnetite; brownish metallic-chromite?	125855	34.44	36.58	2.14	17	<1	1355	25
36.58	45.11		As above but more dark green zones showing tensional fractures filled by white talc anastomosing veinlets	125856	36.58	39.62	3.04	23	1	1176	24
				125857	39.62	42.67	3.05	6	5	1566	25
				125858	42.67	45.11	2.44	9	4	1620	25
			- 37.49 2.5 cm gouge zone at 90° to CA								
			- 37.8 - 38.1 med. grey volcaniclastic with minor fragments of white talc and black magnetite								
			- 38.1 - 39.62 shear zone ≈ parallel to CA with brecciated white carbonate fragments								
			- 44.81 trace bornite								
45.11	63.7		Volcaniclastic - med. grey to whitish fragments in dark green matrix, entire	125859	45.11	48.16	3.05	21	2	1455	24
				125860	48.16	51.21	3.05	18	9	1503	20

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 4 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
45.11	63.7		section altered by talc; magnetic; after	125861	51.21	54.25	3.04	16	2	1501	18
(cont'd)			51.82 rock becomes dense med. grey to	125862	54.25	57.3	3.05	13	5	1535	18
			dark green +/- serpentine green; vague	125863	57.3	60.35	3.05	12	5	1459	20
			black shapes; minor white carbonate	125864	60.35	63.7	3.05	73	4	1091	40
			veinlets								
			-46.63 7cm x 4cm white blob of								
			carbonate								
			-47.7 irregular white carbonate								
			lense at 15° to CA								
			-53.34 - 53.95 rock has zones of								
			serpentine green talc								
			-62.18 - 62.48 massive magnetite lenses;								
			irregular in shape up to 4cm								
			long								
			-62.79 - 63.09 limestone - white with								
			pale grey bands; minor								
			mariposite green and magnetite								
			streaks; may be a stromatolite								
63.7	66.6		Serpentine - black with patches of green;	125865	63.7	66.6	2.90	10	<1	1258	29
			dense, textureless except for:								
			-65.23 Breccia? mottled mass of green								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Angle		
Footage	Reading	Corrected

Hole No. B-95-5 Sheet No. 5 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppt	Ni ppm	Zn ppm
FROM	TO										
63.7	66.6		talc cut by white carbonate +/- quartz filled tensional gashes; semi-ovoids of dark grey with rims of brownish metallic - chromite?								
(cont'd)			- 65.53 - 66.6 shear zone at 80°? to CA; gouge								
66.6	70.71		Peridotite - dark grey generally dense, textureless; altered by pervasive talc; patches of white talc which appear to elongate feldspar? phenos 1 x 0.5 cm; cut by minor white talc veinlets with no preferred orientation; 0.5% disseminated pyrrhotite and brown metallic - chromite?	125866	66.6	69.49	2.89	8	1	1375	32
				125867	69.49	70.71	1.22	7	2	1363	31
70.71	73.15		Peridotite, dark grey, dense, altered by pervasive talc; textureless with green talc becoming more prominent; minor white talc veining; 1% sulphide disseminated and on fractures (pyrite, pyrrhotite)	125868	70.71	73.15	2.44	10	4	1356	28
			- 72.54 - 73.15 shear, gouge at 80° to CA								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 6 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
73.15	74.37		Altered volcanic?, dark green to black green, intensely altered by green talc with diopside colour; pyrite on fractures; seems to be fairly elongate in shape	125869	73.15	74.37	1.22	10	<1	1406	30
74.37	74.68		Limestone - white to pale grey with bands of black talc; stromatolite?; disseminated magnetite throughout; very magnetic	125870	74.37	74.68	0.31	30	1	786	16
74.68	80.47		Altered volcanic? dark green to black green, v.c.g. green talc; textureless; minor sections of dark grey talc-altered peridotite; 0.5-1% sulphide (pyrite pyrrhotite)	125871	74.68	77.72	3.04	14	1	1398	25
			-76.81-77.11 shear zone	125872	77.72	80.47	2.75	26	<1	1199	21
			-77.11 white limestone fragment								
			-78.1 white limestone fragment								
			-80.16 15 cm white carbonate band or limestone? at 65° to CA; sheared on both contacts; disseminated magnetite throughout								
80.47	84.12		Shear zone, gougey; dominantly 45° to CA with sections of black magnetite-talc and	125873	80.47	84.12	3.65	5	1	1464	23

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 7 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
80.47	84.12		1% disseminated pyrrhotite; occasional dark grey peridotite, dense, textureless fragments in sheared dark green c.g. talc								
			(cont'd)								
84.12	85.95		Serpentine - black to green; mottled by magnetite - chlorite patches; minor hairline asbestos veinlets; 1% disseminated pyrrhotite; minor gouge zones	125874	84.12	85.95	1.83	8	<1	1268	18
85.95	89.61		Peridotite? dark grey, grainy-looking with v.f.g. white talc specks (feldspar?), cut by dark green c.g. talc shear zones; 1% disseminated pyrrhotite - 88.24 white carbonate veinlet at 60° to CA	125875	85.95	89.61	3.74	13	2	1312	21
89.61	90.53		Peridotite - as above but with distinct lineations of v.f.g. white talc spots at 60° to CA	125876	89.61	90.53	0.92	15	2	1384	24
90.53	91.29		Carbonate zone - white spotted and streaked by disseminated magnetite; green chlorite occasionally as needles; possibly a limestone as outer portions show some contamination consisting of	125877	90.53	91.29	0.76	50	4	287	41

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 8 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
90.53	91.29		banding (white) separated by black (magnetite-talc); core limestone streaked by red hematite; magnetite below also shows some red discoloration; trace chalcopyrite								
			(cont'd)								
91.29	95.1		Peridotite - black, sheared \approx parallel to CA with med. green talc alteration along fractures; also white talc	125878	91.29	94.18	1.89	9	<1	1197	24
				125879	94.18	95.1	0.92	6	1	1435	22
95.1	98.45		Peridotite - black grainy with white v.f.g specks of talc; shears and minor white talc veinlets running up CA; trace visible sulphide	125880	95.1	98.45	3.35	9	<1	1415	19
98.45	102.72		Serpentine - dark green, talcose with dark grey unaltered patches; 3-5% sulphide (pyrite, pyrrhotite, chalcopyrite); minor white hairline carbonate veinlets occasionally with chalcopyrite; sulphides also fracture controlled	125881	98.45	101.5	3.05	14	<1	1399	20
				125882	101.5	102.72	1.22	13	2	1278	20
102.72	104.55		Shear and gouge zones -103.63 -103.94 greenish grey gouge -103.18 white carbonate veinlet at 80° to CA	125883	102.72	104.55	3.83	19	1	1255	29

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 9 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
104.55	117.86		As 98.45 - 102.72 ; occasional segment with black fragments of magnetite-talc or possibly pyroxene crystals ; cut by green talc +/- white carbonate veinlets ; very serpentine-looking at base ; 0.5% disseminated sulphides and on fractures (pyrite, chalcopyrite?, trace pyrrhotite)	125884	104.55	107.59	3.04	3	<1	1322	20
				125885	107.59	110.64	3.05	14	1	1453	20
				125886	110.64	113.69	3.05	12	<1	1451	19
				125887	113.69	116.74	3.05	19	<1	1413	18
				125888	116.74	117.96	1.21	12	<1	1381	16
117.96	128.02		Serpentinized harzburgite - dark green to black matrix with med. grey talc - replaced pyroxene? phenos ; minor white talc hairline veinlets ; near base sulphide content 1% disseminated pyrrhotite and chalcopyrite ; trace sulphide for most of section	125889	117.96	121.01	3.05	13	4	1402	16
				125890	121.01	124.05	3.04	14	4	1395	14
				125891	124.05	127.1	3.05	14	2	1494	17
				125892	127.1	128.02	0.82	7	<1	1328	19
			-121.62 green 2.5 cm carbonate veinlet with breccia fragments								
			-127.1 shear zone at 30° to CA								
128.02	129.85		Shear zone, occasionally gougey ; very talcose, dark green, trace pyrrhotite	125893	128.02	129.85	1.83	22	1	1403	22
129.85	134.11		As 117.96 - 128.02 ; trace pyrrhotite and pyrite	125894	129.85	132.89	3.04	17	<1	1461	23
				125895	132.89	134.11	1.22	11	2	1505	21

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 10 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
134.11	135.64		Peridotite - dark grey, altered by talc; minor green areas of weak serpentine; trace pyrrhotite on fractures - 135.03 2.5 cm shear zone with white carbonate veinlet at 50° to CA - 135.64 white carbonate veinlet at 40° to CA; white carbonate also filling tension gashes into unit below	125896	134.11	135.64	1.53	5	3	1283	25
135.64	137.16		Dark greenish black to black (diopside? - magnetite-chlorite-talc) cut by bands of pale green carbonated zones (2) at 45° and 80° to CA; both ≈ 10 cm wide with breccia fragments of black material; everything magnetic; carbonate zones have 10% disseminated magnetite; minor white talc veinlets	125897	135.64	137.16	1.52	11	1	1283	27
137.16	139.29		Listwanite? matrix of greyish carbonate (intermixed white carbonate and black magnetite) with semi-ovoid patches up to 7 cm in diameter and bands of pink	125898	137.16	139.29	2.13	85	12	169	21

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 11 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
137.16	139.29		(from hematite) quartz-carbonate; diopside and vesuvianite?; magnetic; crude lincation of ovoids and bands at 50° to 65° to CA; upper and lower contacts of black matrix of magnetite, talc and vesuvianite? and spotted by white 1-5 mm carbonate patches; no visible sulphides								
			(cont'd)								
139.29	139.9		Dark green matrix of talc-magnetite-diopside? with 1-2 mm white talc spots; dark black green talc-magnetite patches; and pale green talc patches -139.6 breccia of above material as fragments in pale grey carbonate matrix; fragments intensely cut by talc veinlets	125899	139.29	139.9	0.61	42	2	419	19
139.9	140.82		As 137.16 - 139.29	125900	139.9	140.82	0.92	30	4	114	19
140.82	142.95		Peridotite? dark black green to dark green talc-magnetite; textureless	125901	140.82	142.95	2.13	16	4	1252	22
142.95	148.74		Intrusive (granodiorite?); dark grey, fig.; contacts black aphanitic at 80°? to	125902	142.95	146.0	3.05	6	<2	98	59
				125903	146.0	148.74	2.74	5	3	133	58

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 12 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
142.95	148.74		CA; 10% biotite and magnetite; 45% white feldspar, 45% greyish feldspar; occasional pink feldspar; core area has sparse 2-5mm white feldspar phenos with pink rim (hematite stain?); magnetic; trace disseminated pyrite								
		(cont'd)									
148.74	157.89		Serpentine - dark green to black, composed of talc, magnetite, chlorite, diopside?; trace - 0.5% sulphide (pyrite, pyrrhotite?); minor white carbonate veining	125904	148.74	151.79	3.05	7	2	1517	18
			-155.45 - 155.75 white carbonate vein ≈ parallel to CA	125905	151.79	154.84	3.05	8	4	1654	18
			-156.36 white irregular tension carbonate veinlet	125906	154.84	157.89	3.05	11	3	1485	24
157.89	160.33		Breccia zone - pale greyish green, dense, aphanitic fragments completely replaced by talc with disseminated magnetite and brown metallic (chromite?); rare chalcopyrite speck; occasional black talc-magnetite patch; shearing 10-25° to CA; breccia matrix dark green talc-magnetite-	125907	157.89	160.33	2.44	26	5	911	23

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 13 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
157.89	160.33		diopside?; hairline white talc veinlets with no preferred orientation								
(cont'd)											
160.33	160.93		Talc zone - grainy texture; pale greyish green with bands of disseminated magnetite at 50° to CA; disseminated clots of chalcopyrite; also on fractures	125908	160.33	160.93	0.60	8	3	1544	40
160.93	163.68		As 157.89-160.33; 1% chalcopyrite and pyrrhotite on fractures	125909	160.93	163.68	2.75	174	2	929	28
163.68	164.9		Gouge - dark green, c.g. talc, magnetite diopside breccia; white carbonate veinlets; trace red hematite on fractures	125910	163.68	164.9	1.22	18	5	1551	34
164.9	166.42		Listwanite (type #6 and #4) and shear zones; listwanite pale mariposite green with variable alteration from totally silicified to carbonate-talc; separated by dark black green to dark green gouge zones with numerous white carbonate fragments of former veinlets, lower contact 35° to CA	125911	164.9	166.42	1.52	32	3	583	24
166.42	166.88		Diorite - v.f.g., dark grey; 60% feldspar and 40% mafics; cut by white carbonate	125912	166.42	166.88	0.46	2	4	107	63

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. B-95-5 Sheet No. 14 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu	Au	Ni	Zn
								ppm	ppb	ppm	ppm
166.42	166.88		veinlets at 25° to CA ; lower contact at 65° to CA ; weakly magnetic								
			(Cont'd)								
166.88	168.86		Talc Zone (type # 4), strongly foliated dark black green and pale mariposite green talc; minor section of pale mariposite green talc-silica; foliations 75° to parallel to CA	125913	166.88	168.86	1.98	1	2	680	28
			-167.03 -167.34 white carbonate veinlet 2.5 cm wide with blood red hematite at 25° to CA								
168.86	171.6		Peridotite? black cut by a network of white talc and silica; magnetic; no visible sulphides	125914	168.86	171.6	1.74	18	4	994	20
			-171.3 -171.6 ice-crystal like talc spots								
171.6	171.91		Dyke - pale yellow green, v.f.g., 60% mafics, 40% feldspar; non-magnetic; weak pervasive epidote alteration; no visible sulphides; cut by quartz veinlets, white and pink from hematite; both contacts at 80°? to CA	125915	171.6	171.91	0.31	16	3	35	28
171.91	172.52		As 168.86 - 171.6	125916	171.91	172.52	0.61	6	3	1215	18

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 15 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
172.52	174.65		Peridotite - black with irregular med. grey patches of talc +/- silica and magnetite, cut by minor irregular hairline carbonate veinlets; 0.5% sulphide (pyrrhotite, pyrite, chalcopyrite) both disseminated and on fractures	125917	172.52	174.65	2.13	6	2	1390	19
174.65	190.5		Peridotite - variably altered from dark black green (talc-magnetite-diopside) to black (talc-magnetite) and dark grey talc; dense, generally textureless; 0.5% sulphide on fractures (pyrite, pyrrhotite); occasional patch of green and med. gy talc patches +/- quartz - 184.4 - 184.71 med. grey talc band; contacts at 80° to CA	125918	174.65	177.7	3.05	12	<2	1234	18
				125919	177.7	180.75	3.05	8	6	1573	17
				125920	180.75	183.79	3.04	9	8	1734	18
				125921	183.79	186.84	3.05	13	3	1818	18
				125922	186.84	189.89	3.05	13	6	1671	17
				125923	189.89	190.5	0.61	4	<2	1659	17
190.5	191.72		Shear Zone - dark green, gougey with sections of solid rock as above	125924	190.5	191.72	1.22	2	4	1628	17
191.72	199.34		Peridotite - relatively fresh looking, talcose, dense, med. to dark grey with dark green talc patches and streaks	125925	191.72	194.77	3.05	11	<2	1652	18
				125926	194.77	197.82	3.05	12	2	1605	16
				125927	197.82	199.34	1.52	14	4	1554	17
			-194.16 gouge zone with white carbonate								

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. B-95-5 Sheet No. 16 Lat. _____ Total Depth _____
 Section _____ Dep. _____ Logged By _____
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size _____
 Date Logged _____

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu	Au	Ni	Zn
FROM	TO							ppm	ppb	ppm	ppm
191.72	199.34		veinlet at 30° to CA								
(cont'd)			-								
199.34	205.44		As above but becoming greener; shattered	125928	199.34	202.39	3.05	9	3	1669	16
			- 201.17 white carbonate veinlet at 45° to CA	125929	202.39	205.44	3.05	8	16	1820	18
			- 204.83 - 205.13 sulphides on fractures								
205.44	205.74		Very altered dyke? - dark greenish grey matrix with white irregular talc spots reminiscent of phenos; upper contact vague - 45°? to CA; lower contact a gouge zone at 45° to CA	125930	205.44	205.74	0.30	2	6	808	22
205.74	210.62		Peridotite - black, dense generally textureless; pervasive talc alteration; only vague med. grey talc-replaced phenos visible; cut by zones of green talc; this section a shear zone - very broken core; 1% sulphide (pyrrhotite, chalcopyrite, pyrite) disseminated and on fractures	125931	205.74	208.79	3.05	8	4	1431	20
				125932	208.79	210.62	1.83	2	4	1771	14
210.62	220.07		As above but phenos white, e.g. (0.5-1.5cm) and visible, angular to very irregular in shape when larger; occasional pheno core	125933	210.62	213.67	3.05	6	7	1852	14
				125934	213.67	216.71	3.04	8	3	1876	8
				125935	216.71	220.07	3.36	5	3	1712	7

DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. B-95-5

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. <u>B-95-5</u>	Sheet No. <u>17</u>	Lat. _____	Total Depth _____
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Date Begun _____	Elev. Collar _____	Claim _____	Core Size _____
Date Finished _____	Date Logged _____		

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Au ppb	Ni ppm	Zn ppm
FROM	TO										
210.62	220.07		filled with brown metallic; 1% disseminated sulphide (pyrrhotite, pyrite, chalcopyrite); zones of sheared dark green talc; minor white talc veinlets.								
(cont'd)											
220.07	224.33		As above but phenos av. 2mm; 1% sulphide (pyrrhotite, pyrite, chalcopyrite)	125936	220.07	223.11	3.04	3	3	1823	8
				125937	223.11	224.33	1.22	4	3	1972	9
224.33	227.99		Peridotite, black to dark green, intensely altered by green talc; sheared	125938	224.33	227.38	3.05	6	2	1844	7
				125939	227.38	227.99	0.61	12	<2	1995	9

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
RD-95-1	3+00S/ 9+00W	Magnetite-replaced limestone; pale grey with pink cast from incipient garnet; 25% magnetite; minor epidote 0.5 - 1% sulphide (chalcopyrite, pyrite, covellite)	7	68	77	140
RD-95-2	2+80S/ 9+45W	Greenish grey chloritized volcanic; also heavily sericitized; vague augite phenos; cut by one calcite stringer; black disseminated magnetite; chalcopyrite, pyrite and bornite disseminated in black biotite patches and on fractures; 0.5% total sulphide	1	183	34	86
RD-95-3	2+70S/ 9+45W	Dense, black; very magnetic; possible magnetite-replaced limestone; vague round outlines of possible coral; trace pyrite and chalcopyrite; phenocrysts of calcite	0	16	7	29
RD=95-4	2+70S/ 9+45W	Med. greenish grey volcanic with intense sericitization; irregular patches of white carbonate-quartz and brown biotite; amygdules? trace pyrite, chalcopyrite; sulphides on fractures and disseminated; black mineral that looks like magnetite but rock not magnetic	1	183	34	129
RD-95-5	2+11S/ 10+44W	Dark grey highly sericitized volcanic with vague augite phenocrysts still visible; 5% pyrrhotite-chalcopyrite disseminated and on fractures; chalcopyrite forms rims on pyrrhotite; rock non-magnetic except in areas of concentrated pyrrhotite	1	632	53	64

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*125001	3+00S/ 13+50E	Pale grey talc and orange carbonate with dark grey patches of residual magnetite; non-magnetic; trace sulphide-pin pricks of bright yellow	2	15	1032	20
*125002	3+00S/ 13+50E	Mottled grey talc and orange carbonate	0	20	850	22
*125003	3+00S/ 13+50E	As 125002	0	21	862	15
*125004	3+00S/ 13+50E	Mottled dark grey talc and orange carbonate, occasionally rusty; pin prick golden metallic in carbonate; non-magnetic	0	13	872	18
*125005	3+00S/ 13+50E	Mottled grey talc and orange carbonate	0	16	927	19
*125006	3+00S/ 13+50E	As 125005	6	15	974	13
*125007	3+00S/ 13+50E	As 125005 but with pin prick golden metallics including a trace of a blue metallic	0	27	1034	11
*125008	3+00S/ 13+50E	As 125007	0	28	735	14
*125009	3+00S/ 13+50E	As 125005	0	16	622	15
*125010	3+00S/ 13+50E	Mottled grey talc and orange carbonate; sheared; fissile	0	26	636	11

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*125011	3+00S/ 13+50E	Mottled grey talc and orange carbonate	0	22	519	14
*125012	3+00S/ 13+50E	Pale grey talc and orange carbonate with dark grey patches of residual magnetite; non-magnetic; trace sulphide - pin pricks of bright yellow; sheared	0	11	671	15
*125013	3+00S/ 13+50E	Mottled grey talc and orange carbonate	0	35	528	11
*125014	3+00S/ 12+50E	Dark greenish grey peridotite? ash? very green under hand lens - chlorite or serpentine?; non-magnetic	0	15	1414	36
*125015	3+00S/ 12+50E	Greenish peridotite; magnetic; fractures slickensided and serpentized	0	8	1511	34
*125016	3+00S/ 12+50E	As 125014	0	12	1545	35
*125017	3+00S/ 12+50E	Dark greenish grey peridotite? with magnetite-like disseminations; non to weakly magnetic	0	5	1426	32
*125018	3+00S/ 12+00E	As 125017; non-magnetic	11	5	1582	33
*125019	3+00S/ 11+75E	Dark green highly chloritized volcanic with black area of biotite; chalcopyrite is concentrated in biotite areas; non-magnetic	2	970	479	243

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*125020	3+00S/ 11+75E	Dark greenish grey, semi-foliated ash with schlieren of black biotite?; also fragments (lapilli) of carbonate+/- epidote; trace pyrite and specks of bornite; rock chloritized	18	135	277	243
*125021	3+00S/ 11+75E	Dark greenish black, weakly serpentinized pyroxenite?; very magnetic	0	24	1331	24
*125022	3+00S/ 11+75E	Greenish peridotite; magnetic; fractures slickensided and serpentinized	0	15	1488	18
*125023	3+00S/ 9+50E	Dark blackish green serpentine; slickensided with occasional red brown residual pyroxene still visible; magnetic	2	10	2042	10
*125024	3+00S/ 9+50E	Dark blackish green serpentine with pale translucent yellow green serpentine on fractures; residual pyroxene replaced by brown-weathering carbonate; very magnetic	4	8	1988	11
*125025	3+00S/ 9+50E	As above; leached out euhedral magnetite crystals; only weakly magnetic	0	10	2013	9
*125026	3+00S/ 9+50E	Yellow green to dark blackish green serpentine with minor white carbonate on fractures; weakly magnetic; trace sulphide	3	4	2052	8
*125027	3+00S/ 9+50E	Yellow green to blackish green serpentine magnetic	8	5	1782	8

Sample Number	Location	Sample	Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
* 125028	3+00S/ 9+50E		Dark greenish black serpentine with yellow green serpentine slickensides; occasional white carbonate? replaced pyroxene crystals; magnetic	5	5	1807	12
* 125029	3+00S/ 9+50E		Green serpentine; magnetic	0	11	1665	12
* 125030	3+00S/ 9+50E		Green serpentine; magnetic	0	6	1795	17
* 125031	3+00S/ 9+50E		Dark blackish green serpentine with yellow green slickensides; occasional whitish carbonate patch with whitish-silver metallic; trace sulphide; slightly magnetic	4	4	1865	10
* 125032	3+00S/ 9+50E		Dark greenish black serpentine; magnetic	0	5	2334	14
* 125033	3+00S/ 9+50E		Dark greenish black serpentized with weathered out vugs (octagonal to cubic) of former Mn-carbonate; minor residual red-brown carbonate; very magnetic	3	5	2521	8
* 125034	3+00S/ 9+50E		Dark greenish black heavily serpentized with yellow green serpentine "veinlets" of irregular nature; 30% magnetite; trace orange talc on fractures	0	2	1039	8

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*125035	3+00S/ 9+50E	Dark greenish grey granular bright apple green under hand lens (very distinctive); called peridotite and ash in previous descriptions; very magnetic; possibly olivine-rich pyroxenite?	0	12	1791	44
*125036	3+00S/ 9+50E	Dark greenish black, f.g. pyroxenite? apple green serpentine; weakly magnetic one piece has 1 cm pale pinkish, bleached altered pyroxene? crystals and c.g. magnetite crystals; this piece is very magnetic.	3	24	1762	25
*125037	3+00S/ 9+50E	Dark blackish grey peridotite?; v.f.g. dense, textureless; minor serpentine on fractures; magnetic	2	10	1948	10
*125038	3+00S/ 9+50E	Dark greenish black serpentized, sheared?; magnetic	0	11	2019	10
*125039	3+00S/ 9+50E	Dark grey, dense with occasional light grey patch of pyroxene? up to 1 cm across; slightly magnetic; trace sulphide	2	11	1664	11
*125040	3+00S/ 9+50E	Black serpentine with yellow green asbestos veinlets and fractures; magnetic	0	8	1986	8
*125041	3+00S/ 9+50E	As above	0	7	2219	11

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
* 125042	3+00S/ 9+50E	Dark greyish green serpentine with white carbonate patches of replaced pyroxene?; trace sulphide; magnetic	2	9	2291	11
* 125043	3+00S/ 9+50E	Dark greenish black serpentine with minor carbonate-coated fractures; magnetic	8	12	2192	10
* 125044	3+00S/ 9+50E	Dark greenish grey serpentized with brownish translucent serpentine? veinlets; magnetic	20	9	2239	11
* 125045	3+00S/ 9+50E	Black serpentized ?? pyroxenite?; knobby weathered surface; trace sulphide; magnetic	4	13	2138	10
* 125046	3+00S/ 9+50E	Black serpentine with pale yellow green slickensides and fractures; magnetic	4	20	2325	8
* 125047	3+00S/ 9+50E	Dark grey to black weak to moderately serpentized peridotite with rare c.g. pyroxene crystal face evident; magnetic	0	22	2273	12
* 125048	3+00S/ 9+50E	Dark green to black serpentine with pale green and translucent brown serpentine streaks; magnetic	0	11	1976	8
* 125049	3+00S/ 9+50E	As above; sheared	0	13	2210	10
* 125050	3+00S/ 9+50E	As above; trace of sulphide in patches of carbonate	0	10	2318	12

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*125151	11+00S/ 7+25E	Med. grey, f.g. dense olivine-rich pyroxenite; magnetic; trace sulphide; emerald green crystals (cubic) as alteration	0	18	1929	11
*125152	11+00S/ 7+25E	Med. grey feldspathic-looking, dense; many white angular feldspar-like crystals; magnetic; trace sulphide (pyrite?)	0	14	1781	17
*125153	11+00S/ 7+25E	Pale grey, fissile, silicified argillite; possible speck of V.G.; non-magnetic	0	51	57	61
*125154	11+00S/ 7+25E	Argillaceous limestone?; medium grey with patches of white carbonate and blue grey chalcedony-replaced corals? appears to have f.g. silvery sulphide hence colouration; trace sphalerite? galena?	3	11	42	53
*125155	11+00S/ 7+25E	Light grey bleached argillite with silicified patches that have v.f.g. silvery metallic;	5	26	108	77
*125156	11+00S/ 7+25E	Pale grey, bleached argillite to silicified argillite with specks of azurite, covellite and silvery metallic	7	68	53	86
*125157	11+00S/ 7+25E	As above; only pin point silvery metallic visible	0	30	29	38
*125158	11+00S/ 7+25E	As 125157	3	11	33	39

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*125159	11+00S/ 7+25E	Med. greenish grey to dark green foliated serpentinite; non-magnetic	0	17	2131	33
*125160	11+00S/ 7+25E	Dark greenish black serpentinite; non-magnetic	0	31	1862	32
*125161	11+00S/ 7+25E	Pale grey bleached argillite with laminations of dark yellowy mica; silvery metallics visible	3	75	67	53
*125162	11+00S/ 7+25E	Pale whitish grey silicified argillite with rusty fractures and minor silvery metallics	3	44	56	61
*125163	11+00S/ 7+25E	Pale grey bleached argillite cut by irregular quartz veinlets; very rusty fractures	8	31	42	51
*125164	11+00S/ 7+25E	Pale greyish white silicified argillite with black patches of cubic black mineral; rusty fractures and yellow mica coated fractures	4	17	55	56
*125165	11+00S/ 7+25E	White silicified limestone cut by irregular black lines of argillite (stylolites); grey quartz-replaced coral; minor silvery metallics	3	28	9	66
*125166	11+00S/ 7+25E	Whitish grey silicified argillite	2	46	53	69
*125167	11+00S/ 7+25E	Platy bleached white to black argillite; bornite? in calcite crystal	2	30	18	52

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*125168	11+00S/ 7+25E	Interbedded light grey siltstone, bleached argillite and pale grey green volcanic?	3	25	53	103
*125169	11+00S/ 7+25E	As above	2	26	50	99
142360	3+00S/ 3+50E	Pale greenish talcose harzburgite? with disseminated magnetite; weakly magnetic	2	12	1953	30
142361	3+00S/ 3+50E	Med. green grey talcose dunite; weakly magnetic	3	14	1323	24
142362	3+00S/ 4+75E	Buff mottled brown with white talc altered ultramafic; non-magnetic	251	14	1124	14
142363	3+00S/ 8+75E	Dark green talc/serpentine altered peridotite with pale green serpentine slickensides; magnetic	221	8	2385	7
142364	3+10S/ 9+30E	Black serpentized peridotite? with slickensides of pale green serpentine; magnetic	9	5	2622	6
142365	3+00S/ 11+75E	Black to dark green ??? underneath harzburgite outcrop; migmatite; locally magnetic with chalcopyrite, pyrite, malachite; secondary K-spar veining and chlorite and epidote	2	592	352	225
142366	3+00S/ 8+75E	Dark grey to black, weakly to moderately serpentized peridotite and harzburgite trace sulphide; peridotite dense, f.g.; magnetic	7	7	2522	1

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142367	3+00S/ 8+75E	Dark greenish black serpentized harzburgite with occasional white to pale green talc-replaced pyroxene crystal visible; rusty talc patches	49	10	2584	4
142368	3+00S/ 8+75E	Dark blackish green, highly serpentized sheared harzburgite? with trace sulphide; trace brownish talc as irregular patches	30	12	2573	3
142369	3+00S/ 8+75E	Dark green serpentine with occasional white residual carbonate-replaced pyroxene crystal; asbestos on fractures	6	4	2491	0
142370	3+00S/ 8+75E	Dark green Mn-stained serpentine with occasional pale green serpentine-replaced residual pyroxene crystal; magnetic	11	6	2382	5
142371	3+00S/ 8+75E	Dark grey weakly serpentized peridotite with trace sulphide to Mn-stained black serpentine	60	11	2488	0
142372	3+00S/ 8+75E	Dark green black, sheared serpentized harzburgite with asbestos veining; magnetic	26	11	2328	9
142373	8+00S/ 11+50E	Dark green black to black serpentized ??? cut by white carbonate/quartz veinlets, nonmagnetic to black very magnetic dense v.f.g. ??? with 50% magnetite	7	43	2230	30
142374	8+00S/ 11+00E	Dark greyish green talc-altered harzburgite; non-magnetic	14	2	667	21

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142375	11+00S/ 10+00E	Dark green black highly slickensided and polished serpentine; magnetic	558	55	2309	0
*142376	11+00S/ 10+00E	Dark green serpentized harzburgite? with serpentine slickensides; magnetic	49	68	2098	0
*142377	11+00S/ 10+00E	Dark black green serpentized ??? with pale green serpentine veinlets; very magnetic	499	63	1201	10
*142378	11+00S/ 10+00E	Dark grey v.f.g. intrusive-looking; white matrix; looks felspathic with 30% magnetite; trace sulphide; some specimens have moderate serpentine with with c.g. magnetite with occasional interstitial sulphide	399	59	1348	0
*142379	11+00S/ 10+00E	Dark green black, lustrous, altered peridotite? with pale green serpentine veinlets; magnetic; no visible sulphides	27	50	2618	0
*142380	11+00S/ 10+00E	Dark green serpentized??? cut by pale green talc? serpentine? and minor quartz and talc? serpentine? and white carbonate veinlets	115	39	1932	1
*142381	11+00S/ 10+00E	Dark grey black intrusive-looking diorite with white feldspar or bleached pyroxene; 50% disseminated magnetite; minor rusty vuggy patches of talc?	23	10	2560	5

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142382	11+00S/ 10+00E	Dark grey very altered harzburgite? almost appears dioritic with white feldspar and black magnetite (30%) disseminated; probably bleached pyroxene; magnetic	11	6	2551	6
*142383	7+00S/ 11+50E	Pale yellow green shattered and slick-sided serpentine	6	5	2932	0
*142384	7+00S/ 11+50E	Dark greenish black highly serpentized pyroxenite with white residual talc-replaced pyroxene crystals; very magnetic	16	6	2975	0
*142385	7+00S/ 11+50E	Pale yellow green shattered and slick-sided serpentine	7	4	3174	3
*142386	7+00S/ 11+50E	Yellow green polished serpentine with black and pale bluish patches from magnetite	7	7	3009	1
*142387	7+00S/ 11+50E	Dark green black serpentized harzburgite with residual pyroxene crystals on weathered surface; moderately magnetic	161	9	2058	3
*142388	9+00S/ 11+00E	Dark green to black serpentized ??? with Mn-stain and vugs (former carbonate-replaced pyroxene crystals?); the vugs also are partially filled with Mn	0	9	1556	27
*142389	9+00S/ 11+00E	Dark greenish black serpentine; sheared, cut by minor white carbonate veinlets; weak to non-magnetic	3	5	2028	6

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142390	9 - 8+00S/ Gulley	Dark blackish green serpentine; strongly magnetic	2	8	1732	9
142391	9 - 8+00S/ Gulley	Dark greenish black, sheared serpentine magnetic	0	3	1585	10
142392	9 - 8+00S/ Gulley	Med. grey intrusive composed dominantly of feldspar and 20% magnetite	7	7	52	59
*142393	3+00S/ 11+75E	Dark greenish black serpentized peridotite; magnetic	0	20	1267	38
*142394	3+00S/ 11+75E	Dark greenish black serpentized peridotite; heavily Mn-stained; Non -magnetic	3	23	1457	33
*142395	3+00S/ 11+75E	Dark greenish black highly serpentized peridotite; 30% magnetite; trace sulphide; Mn stain	3	15	1394	27
*142396	3+00S/ 11+75E	Dark greenish black, highly serpentin- ized peridotite; weak to non-magnetic	3	26	1384	37
*142397	3+00S/ 11+75E	Dark greenish black highly serpentized peridotite; 30% magnetite; trace sulphide; Mn stain	0	12	1404	34
*142398	3+00S/ 11+75E	Dark greenish black pyroxenite? with some olivine-rich patches; heavy Mn stain; trace sulphide; weakly magnetic	0	11	1443	34
*142399	3+00S/ 11+75E	Dark greenish black highly serpentized peridotite with variable magnetism	0	12	1565	32

Sample Number	Location	Sample	Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142400	3+00S/ 11+75E		Dark greenish black highly serpentinized peridotite; non-magnetic	2	16	1526	33
*142401	3+00S/ 9+50E		Dark green serpentine with translucent brown serpentine veinlets; magnetic	3	10	2432	
*142402	3+00S/ 9+50E		As above	2	9	2296	7
*142403	3+00S/ 9+50E		As above	0	9	2248	7
*142404	3+00S/ 9+50E		Dark greenish black serpentine, slickensided, sheared with greyish white 1 cm carbonate patches (replaced pyroxene? crystals); magnetic	3	15	2313	8
*142405	3+00S/ 9+50E		Dark greenish black serpentine, slickensided with translucent brown serpentine; magnetic	0	11	2175	6
*142406	3+00S/ 9+50E		Dark green to yellow green serpentine with occasional white carbonate patch; magnetic	19	13	2133	6
*142407	3+00S/ 9+50E		Dark green to yellow green serpentine; trace v.f.g. sulphide (chalcopyrite?); magnetic	5	11	2108	7
*142408	3+00S/ 9+50E		Dark green to yellow green serpentine; much magnetite	12	10	2331	7

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142409	3+00S/ 9+50E	Dark green serpentine; very magnetic; sheared	21	12	2390	8
*142410	3+00S/ 9+50E	Dark green and yellow green serpentine; magnetic; trace sulphide; sheared	2	9	2195	3
*142411	3+00S/ 9+50E	Dark green serpentine matrix with yellow green serpentine on fractures and white carbonate as veinlets and on fractures and as greyish white replacement of pyroxene? crystals; trace sulphide; magnetic	5	6	2154	11
*142412	3+00S/ 9+50E	Dark green serpentine; magnetic; trace sulphide; one crystal of tarnished carbonate looks like rotten pyrrhotite	0	10	2155	3
*142413	3+00S/ 9+50E	Dark green serpentine with yellow green serpentine streaks; magnetic; sulphide; also soft grey metallic - not magnetite	0	13	2250	3
*142414	3+00S/ 9+50E 10+87E	Dark grey silicified argillite? with streaks of brown biotite; black mineral (sphalerite? black carbonate?; trace sulphide - pyrite, bornite and possible V.G.	0	23	48	11
*142415	3+00S/ 9+50E	Serpentine green serpentine; only moderately magnetic; trace sulphide and possible V.G. in magnetite	4	6	1956	7
*142416	3+00S/ 9+50E	Mottled serpentine green and black from magnetite; trace sulphide	0	6	2101	9

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142417	3+00S/ 9+50E	Dark blackish green serpentine with apple green serpentine on fractures; carbonate (white) veining; trace sulphide; very magnetic	22	19	1986	4
*142418	3+00S/ 9+50E	Black moderately serpentized pyroxenite?; massive, textureless save for minor pale patches (pyroxene? crystals?); very magnetic	6	14	2256	8
*142419	3+00S/ 9+50E	Black pyroxenite?; massive, textureless with yellow green serpentine on fractures; moderately magnetic; minor brownish-stained carbonate patches	297	12	1978	4
*142420	3+00S/ 9+50E	Black dense, textureless pyroxenite? cut by white carbonate stringers with pale apple green serpentine selvage; trace sulphide; weakly magnetic	15	7	2089	4
*142421	11+00S/ 9+75E	Med. green serpentine, intensely altered by white carbonate both as veinlets and pervasively; trace pyrite and covellite (blue) forming on magnetite; silver metallic in carbonate; magnetic	61	7	1272	4
*142422	11+00S/ 9+75E	Greenish black serpentine; intensely altered by white carbonate veining and on fractures; one speck V.G. in carbonate; magnetic	2	7	1431	6
*142423	11+00S/ 9+75E	Dark grey unaltered? to black green and apple green serpentine; intensely altered by white carbonate; magnetic	0	11	1771	4

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142424	11+00S/ 9+75E	Med. green serpentine with minor carbonate fracture coatings with silver metallic; more blue covellite? stain on magnetite	0	11	1728	4
*142425	11+00S/ 9+75E	Dark grey serpentized peridotite with irregular white carbonate and pale green serpentine patches; V.G.? in magnetite; very magnetic	0	23	1883	6
*142426	11+00S/ 9+75E	Dark greenish black serpentine to pale grey bleached carbonated serpentine; cut by numerous white carbonate veinlets; magnetic	21	5	1391	2
*142427	11+00S/ 9+75E	Greyish green serpentized harzburgite with pale orange rusted out pyroxene? remnants; pale crystals are carbonate replaced; magnetic	2	3	1833	9
*142428	11+00S/ 9+75E	Dark grey dense peridotite; very weakly serpentized; trace sulphide (pyrite and silvery metallic; strongly magnetic	4	15	1817	10
*142429	11+00S/ 9+50E	Dark grey dense peridotite; very weakly serpentized with minor carbonate on fractures; weak to strong magnetism	2	11	1426	9
*142430	11+00S/ 9+50E	Dark greenish black to pale bleached green from carbonate alteration; occasionally foliated and sheared; asbestos on fractures; weakly magnetic	2	8	1068	9

Sample Number	Location	Sample	Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142431	11+00S/ 9+50E	As 142430 but more serpentized		0	3	1506	7
*142432	11+00S/ 9+50E	Dark brownish black serpentine; moderately magnetic		2	8	2025	6
*142433	11+00S/ 9+25E	Dark grey, very weakly serpentized peridotite; massive; trace yellow sulphide; moderately magnetic		0	4	1618	7
*142434	11+00S/ 9+25E	Dark greenish black harzburgite?; highly carbonated; minor residual pyroxene crystals visible completely replaced by carbonate; weak to no magnetism		0	2	1051	6
*142435	11+00S/ 9+25E	Med. grey to green variably serpentized peridotite; magnetic		0	9	1811	6
*142436	11+00S/ 9+25E	Dark to serpentine green, moderately serpentized peridotite?; weak to no magnetism		0	8	1635	6
*142437	11+00S/ 9+25E	Med. grey, moderately to weakly serpentized peridotite; pervasive carbonate alteration; 0.5% yellow sulphide; very magnetic		3	9	1644	7
*142438	11+00S/ 9+25E	Med. grey to pale green peridotite; bleached pale by pervasive carbonate alteration; weak to no magnetism; 0.5% sulphide; asbestos veining		2	11	1545	6

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142439	11+00S/ 9+25E	Greenish grey, moderately serpentized peridotite with carbonate on fractures and occasionally pervasive; 0.5% sulphide; weakly magnetic	2	8	1360	8
*142440	11+00S/ 9+25E	Whitish to bright green mixture of carbonate and serpentine with odd patch of med. grey peridotite; non-magnetic	2	3	587	9
*142441	11+00S/ 9+00E	Med. grey peridotite with irregular patches of white to pale green carbonate and bright green serpentine on fractures; trace yellow sulphide and bright silver metallic in some carbonate; very magnetic	0	6	1726	4
*142442	11+00S/ 9+00E	Med. grey peridotite slightly pervasively carbonated; very magnetic	2	6	1549	5
*142443	11+00S/ 9+00E	Med. grey dense peridotite with irregular patches of pervasive carbonate and serpentine; strongly magnetic	6	6	1589	7
*142444	11+00S/ 9+00E	Med. grey peridotite with areas of intense magnetite (black) to intense serpentine (green)	2	4	1445	7
*142445	11+00S/ 9+00E	Med. grey dense peridotite with moderate pervasive carbonate and serpentine; moderately magnetic	3	14	1743	4
*142446	11+00S/ 9+00E	As above	2	4	1636	6

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142447	11+00S/ 9+00E	Med. greenish grey, moderately serpentinized peridotite; moderately magnetic; black Mn-stain on fractures	2	5	1691	6
*142448	11+00S/ 7+25E	As above	4	24	1725	30
*142449	11+00S/ 7+25E	Dark grey peridotite? altered by serpentine plus epidote? in former carbonate patches; rusty vugs; non-magnetic; almost looks skarny under hand lens	4	51	1703	22
*142450	11+00S/ 7+25E	Med. grey peridotite?; same as above but no alteration	0	17	1757	8
142701	3+00S/ 6+25W	Pale green anygdaloidal andesite; anygdules filled with white calcite, epidote, pink garnet; matrix chloritized intensely; trace disseminated chalcopyrite and on fractures; non-magnetic	19	253	38	80
142702	3+00S/ 8+40W	Pale greenish grey volcanic?; intensely silicified with sucrosic quartz; cut by quartz stringers 2 mm wide; trace pyrrhotite with black chalcocite? rim; non-magnetic	3	29	38	29
142703	3+00S/ 9+15W	Silicified sheared intrusive?; white and black schlieren? black hornblende? white sucrosic quartz; possibly limestone; non-magnetic; trace cubic sulphide altered to limonite	2	29	7	11

Sample Number	Location	Sample	Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142704	3+00S/ 9+75W		Greenish grey volcanic; highly carbonated with crystalline calcite veinlet 2.5 cm wide and numerous carbonate stringers; trace pyrite; non-magnetic	1	50	38	42
142705	3+00S/ 10+75W		From talus slope; greenish grey highly sericitized volcanic; non-magnetic; no visible sulphides	1	30	84	30
142706	BL/ 7+00S		Black and white (salt and pepper) limestone with magnetite; no visible sulphides; white 2 - 5 mm calcite-filled amygdules?	1	8	8	113
142707	7+00S/ 7+00W		Pale greenish grey volcanic? intensely silicified with sucrosic quartz; cut by quartz stringers 2mm wide; trace pyrrhotite with black chalcocite? rim; non-magnetic	0	33	42	26
142708	7+00S/ 6+25W		White limestone? replaced by sucrosic quartz; cut by black argillaceous stylolites?; same general appearance as 142752; no visible sulphides; non-magnetic	0	11	6	3
142709	7+00S/ 3+50W		Med. greenish grey volcanic; highly chloritized, epidotized; trace sulphide (pyrite, bornite); non-magnetic	1	83	26	75
142710	7+00S/ 25+00E		Dark grey, very altered harzburgite with black residual pyroxene still visible; altered by talc/serpentine; minor chrysotile veinlets; non-magnetic	0	12	2458	40

Sample Number	Location	Sample	Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142711	5+75W/ 24+96E		Bright green talc altered dunite?; minor magnetite with some interstitial pyrite?; non-magnetic	0	7	2505	25
142712	4+65S/ 24+50E		Black to dark green magnetite-rich dunite?; altered by serpentine; massive appearance	4	7	1882	94
142713	4+00S/ 25+00E	As 142712		0	9	2394	62
142714	3+00S/ 24+00E		Bright green carbonated volcanic with fracture-controlled quartz veinlets; quartz sucrosic with v.f.g. silvery metallic (arsenopyrite?) - trace only; non-magnetic	0	7	53	61
142715	3+00S/ 23+75E		Dark green to black serpentized harz- burgite? with trace yellow sulphide (chalcopyrite?); magnetic	5	12	2441	45
142716	3+20S/ 25+00E		Dark green harzburgite? altered by talc/ serpentine; clots of black magnetite (former phenos of pyroxene?); trace disseminated pyrite; magnetic	9	7	2709	32
142717	4+00S/ 23+50E	As 142716		0	3	2631	31
142718	4+00S/ 24+25E		C.g. intrusive with 30% porphyritic black biotite, 20% quartz eyes and 40% white and pink feldspar, 10% magnetite; no visible sulphides	0	19	28	18

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142719	5+00S/ 25+00E	Mottled orange and green harzburgite; completely replaced by talc; cut by white quartz veinlet; no visible sulphides; non-magnetic	7	5	957	25
142720	4+95S/ 23+75E	Dark green serpentinitized peridotite? with magnetite and trace pyrite; dense; magnetic	2	10	2866	23
142721	5+00S/ 24+25E	??? black dense almost appears felsic; black from magnetite; intrusive? with 1% disseminated pyrite; very talcose; weathered surface also appears intrusive-like; magnetic; float	2	10	3216	41
142722	1+00N/ 7+00W	Dark black green gabbro?; c.g. green feldspar and saussuritized hornblende?; no visible sulphides; magnetic	1	10	2137	23
142723	1+00N/ 7+25W	Saussuritized intrusive? almost looks like material being called volcanic; highly sericitized with brown patches of secondary biotite and occasional patch of white quartz; no visible sulphides; non-magnetic	0	106	74	39
142724	1+00N/ 7+75W	Grab from talus; light greenish grey volcanic; intensely sericitized with minor brown secondary biotite patches; trace disseminated chalcopyrite; non-magnetic	1	128	50	31

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142725	1+00N/ 8+75W	Talus; light greenish grey volcanic, intensely sericitized with minor secondary biotite patches; 0.5% disseminated pyrite, chalcopyrite, trace bornite?; non-magnetic	1	225	40	59
142726	1+00N/ 9+00W	Talus; med. greenish grey volcanic, intensely sericitized with 5% disseminated pyrrhotite; locally slightly magnetic	0	43	32	45
142727	1+00N/ 9+20W	Dark greenish grey intrusive? diorite?; intensely altered by chlorite, sericite and biotite; fragments of pale green dense volcanic; trace disseminated chalcopyrite; non-magnetic	2	332	48	92
142728	1+00N/ 9+25W	Float; dark grey diorite; v.f.g.; 70% feldspar, 30% black hornblende?; 5% disseminated pyrrhotite, pyrite, chalcopyrite and covellite; non-magnetic	0	52	7	46
142729	1+00N/ 14+25W	Talus: med. greenish grey highly sericitized; almost looks like sericite replacing hypersthene; gabbro?; small patch of disseminated pyrite with minor malachite stain; also covellite; non-magnetic	0	119	39	47
142730	5+00N/ 9+50W	Greyish green volcanic with areas of coarser grained feldspar? in which sulphides are concentrated; sulphides dominantly chalcopyrite; intensely sericitized; black streaks of tourmaline? non-magnetic	0	177	65	66

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142731	5+00N/ 10+00W	As 142730 but with patches of sucrosic quartz	2	110	94	32
142732	5+00N/ 11+00W	As 142730 but only with trace sulphide; black patches that look like magnetite but non-magnetic	2	257	59	89
142733	5+00N/ 13+25W	White limestone completely replaced by sucrosic quartz; possible v.f.g. silver metallic; cut by black irregular stylolites	3	11	6	3
142734	5+00S/ 22+35E	White bull quartz	0	7	11	2
142735	5+00S/ 1+35E	Float; white vuggy quartz with trace silvery metallic; at contact of silicified argillite in area of phyllite slabs	0	12	17	36
142736	5+00S/ 1+50E	Float; black green peridotite; very magnetic; 0.5% disseminated pyrite	11	7	1933	26
142737	5+00S/ 2+75E	Black altered harzburgite with remnant pyroxene shapes; black chlorite; slightly magnetic with 0.5% disseminated pyrite	3	41	109	123
142738	5+00S/ 4+25E	Mottled orange and pale green harzburgite completely altered by talc; orange remnant pyroxenes; pale green matrix; trace pyrite	6	13	1627	23
142739	5+00S/ 5+00E	Dark grey and patchy white silicified? ultramafic?; appears to be cubic crystals of pale brown pyroxene?; silica sucrosic; trace sulphide and possibly V.G. in silicified areas; non-magnetic	0	113	31	110

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142740	5+00S/ 5+25E	Black, v.f.g., dense argillite? with irregular vugs weathered out and partially filled by quartz; rusty red and yellow fracture surfaces; possible red sphalerite; trace sulphide as veinlets; minor epidote; flashes of secondary covellite on fractures; non-magnetic	0	51	43	98
142741	5+00S/ 6+75E	Fragmental? greenish grey volcanic?; fragments in black matrix; non-magnetic	0	38	38	50
142742	5+00S/ 7+50E	Black silicified argillite with white irregular sucrosic "veinlets" and patches; no visible sulphides; V.G. in quartz?; non-magnetic	2	26	55	16
142743	13+00S/ 19+75E	Med. grey grainy intrusive?; appears to be feldspar; rusty spots of former sulphide; non-magnetic	0	15	19	80
142744	13+00S/ 18+25E	Greyish green talcose serpentized ultramafic with much magnetite	5	4	1210	43
142745	13+00S/ 18+00E	Dark black green serpentized ultramafic with light green patches of serpentine; strongly magnetic	10	6	1677	29
142746	13+00S/ 16+50E	Light green grey talcose ultramafic; massive; slightly magnetic; no visible sulphides	31	2	2711	26
142747	16+00S/ 22+75E	Black argillaceous siltstone? cut by hairline quartz stringers; non-magnetic; trace pyrite	4	11	24	127

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142748	16+00S/ 22+00E	Med. grey siltstone with fine black disseminated mineral that looks like biotite; sucrosic quartz patches and hairline veinlets; trace pyrite	3	10	11	55
142749	16+00S/ 14+25E	Patchy dark green and pale green serpentinized harzburgite; magnetic	14	29	2022	9
142751	5+00S/ 7+73W	Med. green grey volcanic completely replaced by epidote, chlorite, biotite; f.g. sericite throughout matrix; remnant augite visible; has irregular patches (or broken veinlet) of calcite and sucrosic quartz; pyrite and chalcopyrite disseminated (trace); non-magnetic	1	156	51	80
142752	5+00S/ 8+75W	White silicified sheared intrusive? with black hornblende? schlieren; white sucrosic quartz; no visible sulphides; non-magnetic; same as 142703; possibly limestone	0	7	8	6
142753	5+00S/ 8+75W	Med. grey green volcanic as 142751; replaced by chlorite with secondary biotite patches; v.f.g. sericite; augite phenos vaguely visible; trace disseminated chalcopyrite and pyrite; one minute speck of bornite; sulphides concentrated in dark biotite-hematite patches	1	152	47	48

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142754	8+00S/ 20+75E	White sucrosic quartz with rusty fractures; trace sulphide (pyrite?) left in rust; also square black shapes of mineral with sulphide crystals in core (pyrite?)	2	15	9	8
142755	9+78S/ 20+00E	Pale grey to whitish volcanic? with minor epidote in patches and black streaks of biotite?; rusty fractures; minor v.f.g. disseminated white sulphide (arsenopyrite?)	0	30	29	16
142756	3+00N/ 10+61W	Float; light grey quartz mostly sucrosic in appearance; 0.5% silvery laths - arsenopyrite?	0	21	5	5
142757	3+00N/ 11+92W	Float; greenish grey sericitized volcanic cut by ribbons of black up to 8 mm wide mylonite?; non-magnetic; no visible sulphides	1	39	273	63
142758	3+10N/ 8+35W	Float; dark grey diorite, v.f.g., with 70% feldspar, 30% black hornblende?; 5% disseminated pyrrhotite, pyrite, chalcopyrite and covellite; non-magnetic	0	13	22	23
142759	12+00S/ 22+85E	Float; white quartz with rusty fractures and vugs lined with black Mn? material and possibly some v.f.g. V.G. (yellow metallic)	0	8	11	3
142760	14+00S/ 8+82E	Pale grey completely altered by c.g. talc patches of residual magnetite; formerly a harzburgite	12	4	552	9

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142761	16+00S/ 11+75E	Med. grey ??? with what appears to be silicified areas and 2 mm vugs of weathered out cubes (pyrite?); black mineral disseminated throughout; not magnetic - galena?	26	5	18	53
142762	16+00S/ 20+25E	White bull quartz from creek; no visible sulphides	9	3	34	5
142763	16+00S/ 21+00E	Dark greenish grey schistose volcanic? cut by epidote veinlets with molybdenite?; minor pyrite; non-magnetic	17	33	9	124
142764	7+00S/ 18+50E	Very rusty glassy quartz with dark green patches of chlorite and black mineral; non-magnetic	10	20	11	11
142765	13+00S/ 11+65E	Whitish grey intrusive composed of feldspar dominantly with 5% black v.f.g. biotite; no visible sulphides; non-magnetic	2	5	29	37
142766	17+91S/ 25+00E	Float; med. grey talc altered rock cut by myriads of orange-red limonite veinlets; non-magnetic	0	36	1051	56
142767	10+00S/ 6+25E	Whitish f.g. intrusive composed of feldspar dominantly with very rusty streaks with vugs; black mineral that looks like magnetite; trace pyrite; non-magnetic	0	20	405	30
142768	10+00S/ 23+50E	Black lustrous phyllite cut by irregular to sinuous vuggy white quartz veinlets; no visible sulphides	0	13	20	30

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142769	10+00S/ 6+25E	Orange and white rock completely altered to crystalline talc/carbonate? residual black patches of magnetite?; non-magnetic; no visible sulphides	33	12	963	13
142770	16+00S/ 0+25-5E	White bull quartz with dark greenish chloritic patches and vugs; float	54	5	19	26
142771	7+00S/ 16+25E	Dark grey black phyllitic argillite and pale grey sucrosic quartz replaced argillite; non-magnetic	4	22	462	28
142772	9+00N/ 18+25W	Med. grey volcanic with blades of sericite? (transparent needles; trace epidote; non-magnetic	8	178	77	62
142773	9+00N/ 18+25W	Dark grey v.f.g. intrusive? with 60% white feldspar and 40% black ???; trace disseminated chalcopyrite; non-magnetic	3	252	67	66
142774	9+00N/ 18+25W	Dark grey dense, occasionally schistose with disseminated pyrite and hairline arsenopyrite? veinlets (whitish mineral); rock probably same as 142773; non-magnetic	5	443	51	83
*142775	3+00S/ 8+75E	Dark green, moderately to strongly serpentinized and slickensided	9	6	2599	7
*142776	3+00S/ 8+75E	Dark greenish black, sheared, slickensided	9	5	2371	8

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
* 142777	3+00S/ 8+75E	Dark green heavily serpentized and heavily Mn-stained; harzburgite?	4	9	2565	8
* 142778	3+00S/ 8+75E	Dark green serpentized peridotite with talc alteration making it appear like a diorite intrusive	6	8	2634	8
* 142779	3+00S/ 8+75E	Dark green heavily serpentized and heavily Mn-stained harzburgite; weathered surface shows residual pyroxene crystals	10	6	2579	15
* 142780	3+00S/ 8+75E	Dark grey weakly serpentized peridotite to med. green highly serpentized peridotite; 30% magnetite	4	21	2328	13
* 142781	3+00S/ 8+75E	Dark greenish black with white carbonate-replaced pyroxene crystals; slickensided	6	19	2217	5
* 142782	3+00S/ 8+75E	Dark greenish black; moderately serpentized peridotite; highly magnetic	5	9	2275	22
* 142783	3+00S/ 8+75E	Dark green, Mn-stained serpentine with occasionally pale green serpentine-replaced residual pyroxene; magnetic	5	9	2348	4
* 142784	3+00S/ 8+75E	As above	0	7	1877	14
* 142785	3+00S/ 8+75E	Dark greenish black, moderately serpentized peridotite; highly magnetic	3	5	2425	7

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142786	3+00S/ 8+75E	Dark greenish black, slightly serpentized peridotite; sheared, slickensided; not very magnetic	0	5	2376	9
*142787	3+00S/ 8+75E	Typical green serpentine with pale green to white residual pyroxene crystals; 30% magnetite and trace sulphide (chalcopyrite?)	4	6	2886	4
*142788	3+00S/ 8+75E	As 142787	2	15	2975	7
*142789	3+00S/ 8+75E	Dark greenish black, sheared, slickensided	0	21	2878	6
*142790	3+00S/ 8+75E	Dark green, Mn-stained serpentine with occasional pale green serpentine-replaced residual pyroxene crystal; magnetic	0	14	2761	5
*142791	3+00S/ 8+75E	Black, f.g. dense peridotite with 50% magnetite and pale green serpentine patches of residual pyroxene crystals; minor asbestos	0	8	2618	5
*142792	3+00S/ 8+75E	Dark green black, moderately serpentized peridotite with pale grey talc? patches	13	7	2813	7
*142793	3+00S/ 8+75E	As 142792	5	6	2491	6
*142794	3+00S/ 8+75E	As 142792; cut by translucent carbonate veinlets	2	8	2649	7

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142795	3+00S/ 8+75E	Dark greenish black serpentized? slickensided with occasional white carbonate patch	0	8	2751	6
*142796	3+00S/ 8+75E	Dark greenish black serpentized harzburgite with occasional white carbonate-replaced pyroxene crystal	4	8	2707	9
*142797	3+00S/ 8+75E	Dark greenish black serpentized, slickensided dense, textureless rock cut by occasional white carbonate veinlet	0	20	2600	10
*142798	3+00S/ 8+75E	Dark grey to black, dense f.g. peridotite with zones of pale green serpentine; sheared; trace sulphide	0	13	2793	7
*142799	3+00S/ 8+75E	Dark green slickensided serpentine with pale green serpentine patches	7	7	2655	8
*142800	3+00S/ 8+75E	Dark greenish black serpentized, slickensided, dense, textureless rock; cut by occasional white carbonate veinlet	4	7	2657	5
142801	3+00N/ 12+75W	Dark grey, dense grainy mafic tuff? argillaceous siltstone?; trace pyrrhotite non-magnetic	14	269	59	78
142802	3+00N/ 12+75W	As 142801; appears to be feldspar laths; cut by white sucrosic quartz veinlet; non-magnetic	22	270	55	61
142803	3+00N/ 13+25W	As 142801 and 142802	0	124	66	73

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
142804	3+00N/ 13+50W	Grainy to schistose dark greenish volcanic? intrusive? with rusty fractures and yellow ferrimolubdate; non-magnetic	16	222	48	74
142805	17+00S/ 16+25E	C.g. orange and white talc with magnetite	16	15	382	11
*142806	11+00S/ 10+00E	Dark green serpentine; highly magnetic	164	13	1958	0
*142807	11+00S/ 10+00E	Dark grey highly magnetic dunite; slightly serpentized; trace sulphide	6	8	1973	0
*142808	11+00S/ 10+00E	Dark green highly serpentized dunite with light grey patches of c.g. talc; no visible sulphides	862	12	1231	0
*142809	11+00S/ 10+00E	Dark green highly serpentized dunite with 30% magnetite and trace sulphide	9	7	1796	0
*142810	11+00S/ 10+00E	Dark green serpentine with minor white carbonate veinlets; 30% magnetite; trace sulphide; 1 speck of bornite? (pinkish sulphide)	11	5	1610	0
*142811	11+00S/ 10+00E	Dark green serpentized harzburgite? with 30% magnetite and trace sulphide (light yellow and strange brassy colour); chrysotile on fractures	9	10	1795	0
*142812	11+00S/ 10+00E	As 142811	15	5	1618	0
*142813	11+00S/ 10+00E	As 142811	12	4	1709	0

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142814	11+00S/ 10+00E	Dark green serpentine; magnetic; trace sulphide	8	5	1893	0
*142815	11+00S/ 10+00E	Dark green serpentine; magnetic; trace sulphide; light grey c.g. talc altered areas; talc as fibrous crystals	122	9	1617	0
*142816	11+00S/ 10+00E	Dark green serpentinized peridotite; magnetic	4	10	1834	0
*142817	11+00S/ 10+00E	As 142816	4	10	1941	0
*142818	11+00S/ 10+00E	As 142816; trace sulphide	0	4	1448	0
*142819	11+00S/ 10+00E	As 142816	0	7	2073	5
*142820	11+00S/ 10+00E	Highly serpentinized peridotite; 30% magnetite; trace sulphide - bornite? and brassy-coloured sulphide	3	19	1728	1
*142821	11+00S/ 10+00E	Dark green serpentinized ???; sheared with white foliated carbonate veinlets; trace grey sulphide? in carbonate	0	5	1625	2
*142822	11+00S/ 10+00E	As 142821; some pale green to light grey talc	0	3	1342	3
*142823	11+00S/ 10+00E	Dark green highly serpentinized dunite; 30% magnetite	3	4	1263	5

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
*142824	11+00S/ 10+00E	Dark green highly serpentinized dunite; 30% magnetite	59	10	1729	1
*142825	11+00S/ 10+00E	Dark grey serpentinized dunite with 30% f.g. magnetite	178	22	1649	4
*142826	11+00S/ 10+00E	Dark green serpentinized harzburgite with talc blades; magnetite	5	91	1911	18
*142827	11+00S/ 10+00E	Dark green magnetic serpentinized; trace sulphide - almost looks like bornite	4	10	1762	3
*142828	11+00S/ 10+00E	Dark green serpentine; slickensided	0	10	1233	9
*142829	11+00S/ 10+00E	Dark green serpentine	0	3	1323	8
*142830	11+00S/ 10+00E	Dark green greasy talcose; incipient asbestos	0	11	919	8
*142831	11+00S/ 7+25E	Dark grey slightly serpentinized perido- tite with magnetite and trace sulphide	9	13	2195	25
*142832	11+00S/ 7+25E	Dark green serpentinized (heavily) with magnetite; very c.g. talc; cut by asbestos veinlets	2	11	2139	19
*142833	11+00S/ 7+25E	Dark green heavily serpentinized; 0.5% sulphides	2	8	2067	12
*142834	11+00S/ 7+25E	Dark green heavily serpentinized	0	10	2284	11

Sample Number	Location	Sample	Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
* 142835	11+00S/ 10+00E		Dark green heavily serpentinized; 0.5% rusty sulphide	0	15	2361	16
* 142836	11+00S/ 7+25E	As 142835		0	31	2402	17
* 142837	11+00S/ 7+25E	As 142835		0	20	1874	23
* 142838	11+00S/ 7+25E		Dark green serpentinized with orange c.g. talc patches; speck of V.G.? in talc	0	27	1974	11
* 142839	11+00S/ 7+25E		Dark green serpentinized peridotite with rusty talc patches with V.G.?	27	24	2066	23
* 142840	11+00S/ 7+25E		Dark green serpentinized peridotite	7	21	2352	15
* 142841	11+00S/ 7+25E	As 142840; trace sulphide		18	16	2053	37
* 142842	11+00S/ 7+25E		Dark green serpentinized peridotite with rusty talc patches	11	29	1642	34
* 142843	11+00S/ 10+00E		Black, f.g. slightly serpentinized peridotite; trace sulphide; pale green serpentine on fractures	10	6	2306	0
* 142844	11+00S/ 10+00E		Dark green serpentine with 30% c.g. magnetite and trace sulphide	33	8	2385	0
* 142845	11+00S/ 10+00E	As 142843		23	3	2196	1
* 142846	11+00S/ 10+00E	As 142843		4	4	2127	5

Sample Number	Location	Sample Description	Au ppb	Cu ppm	Ni ppm	Zn ppm
* 142847	11+00S/ 10+00E	Blackish green serpentine	4	3	1964	7
* 142848	11+00S/ 10+00E	As 142847	19	8	1471	10
* 142849	11+00S/ 10+00E	As 142847	10	6	2007	24



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FOR URSULA MAWAT

RE: BORNITE PROP.

Report # 950576 for:

Willard Tompson,
c/o Hera Resources Inc.,
350-650 West Georgia Street,
P.O. Box 11611,
Vancouver, B.C., V6B 4N9
Tel: 681-9558

November, 1995

copy to:
Willard Tompson
P.O. Box 395,
Smithers, B.C., V0J 2N0

Samples:	142786, 142809, 142838, 142775,	} FROM BORNITE PROPERTY
	B-95-1: 225', 256', 269', 491'	
	B-95-2: 265', 358', 386', 407'	
	BC-89-7: 60', 110', 120', 120', 325', 325'	} FROM BORNITE PROPERTY
	BHS-1	

Summary:

In the altered ultramafic rocks, the parent commonly is uncertain, because replacement minerals, mainly anthophyllite tend to destroy original textures. Thus, nomenclature of some of the parent rocks is uncertain.

Sulfides in ultramafic rocks are of a few types, many of which could not be identified optically. Several grains were identified in two representative samples using the S.E.M., and results from this study extended to other samples which contain minerals of similar optical properties. Minerals identified include heazelwoodite (Ni₃S₂), nickel-iron (Ni>Fe), possibly an alteration product of heazelwoodite, bravoite (Ni=Fe sulfide), and a Ni-Co sulfide, possibly siegenite (Ni>Co)₃S₄. In one sample, heazelwoodite contains minor cobalt.

In the altered volcanic rocks/skarns, samples are dominated by epidote and/or tremolite, with minor to moderately abundant chlorite, quartz, and carbonate. Minor sulfides are mainly chalcopyrite. Unusual minerals include corundum in one sample.

Identification of carbonates is based mainly on refractive index and mode of occurrence. Carbonate in the ultramafic rocks is interpreted as magnesite.

Rocks are grouped as follows:

A: Altered Ultramafic Rocks

These range from dunite to clinopyroxenite. Alteration is moderate to complete to anthophyllite and antigorite in widely varying proportions, generally with more abundant anthophyllite. Chromite is replaced moderately to completely by magnetite. Large veins are dominated by antigorite with much less anthophyllite. Late veinlets and veins, commonly along antigorite veins are of magnesite.

Sample 142775 is an altered dunite in which olivine was replaced completely by antigorite and less abundant patches of anthophyllite, and chromite was replaced moderately to strongly by magnetite. Talc forms discontinuous bands which are mainly oriented parallel to the length of the section, and which define a moderate foliation. A few discontinuous veinlets are of talc. Heazlewoodite and less abundant bravoite form disseminated patches.

Sample 142786 is a dunite in which olivine was altered to antigorite and magnetite, and chromite was replaced by magnetite. Later irregular patchy replacement is to anthophyllite. Large veins are of antigorite.

Sample 142809 is an altered dunite in which olivine was replaced completely by anthophyllite and much less abundant antigorite, magnetite, and magnesite, and chromite was replaced moderately to completely along grain borders by magnetite. Heazlewoodite forms disseminated grains intergrown mainly with anthophyllite. An early(?) veinlet is of anthophyllite-(antigorite). Irregular late veinlets are of talc. Related veinlets and replacement patches are of porphyroblastic magnesite and minor fine grained anthophyllite.

Sample 142838 is very similar to Sample 142809. It is an altered dunite in which olivine was replaced completely by anthophyllite and much less abundant antigorite, magnetite, and magnesite, and chromite was replaced moderately to completely along grain borders by magnetite. Heazlewoodite and less abundant bravoite form disseminated grains intergrown mainly with anthophyllite.

Sample B-89-7 60' is a moderately to strongly altered peridotite containing relic patches of coarse grained olivine, much less clinopyroxene, and minor spinel. A few magnetite-rich bands may be primary in origin. The rock is altered irregularly to patches of antigorite and anthophyllite. Veinlike zones are of coarse grained antigorite. Later veinlets are of magnesite.

Sample BC-89-7 110' c is a strongly altered, olivine clinopyroxenite. Relic patches of medium to coarse grained olivine are replaced moderately to strongly by anthophyllite and less abundant antigorite, chlorite, and disseminated magnetite. Patches of clinopyroxene are replaced moderately by Mineral A. Very abundant complex veins consist of earlier antigorite-(anthophyllite) and later magnesite.

Sample BC-89-7 120' a is a strongly altered peridotite containing relic patches of olivine and clinopyroxene in a groundmass dominated by anthophyllite with much less antigorite. A few coarse, banded veins are of antigorite-magnesite, and much smaller veinlets are of antigorite. Minor minerals include chromite and heazlewoodite.

Sample BC-89-7 120' b is a strongly altered peridotite containing relic patches of olivine and much less clinopyroxene in a groundmass dominated by anthophyllite and antigorite. A few coarse, banded veins up to several mm wide are of antigorite-(anthophyllite); smaller veinlets are mainly of antigorite. Minor sulfides include heazelwoodite and bravoite.

Sample BC-89-7 325' b is an altered clinopyroxenite containing patches of fine to coarse grained clinopyroxene and minor olivine intergrown with replacement patches of anthophyllite-(magnetite). Large veins and a few veinlets are of finely banded antigorite. Minor late veinlets of magnesite occur along cores of some antigorite veins and cut across others. (Thin section only).

Sample BC-89-7 325' c is a strongly altered clinopyroxenite containing scattered patches of fine to coarse grained clinopyroxene and scattered grains of chromite and magnetite in a groundmass of replacement anthophyllite with minor magnetite. Several veinlets are of clinopyroxene. Some wider veins contain patchy cores of antigorite. Minor sulfides include heazelwoodite, nickel-iron, and bravoite.

B: Altered Volcanic Rocks, Skarn

Sample B-95-1 225' is an altered basalt(?) containing porphyroblasts of clinozoisite and patches of tremolite-(calcite) which replace an extremely fine grained groundmass dominated by tremolite and chlorite, with wispy seams containing abundant limonite/leucoxene and minor patches of chalcopyrite. The origin of the rock is uncertain, but it probably is an aphanitic mafic volcanic rock. A few textures suggest that it may have been a lapilli tuff. A few replacement patches/amygdules are of epidote-chlorite-(calcite-tremolite). A vein is of plagioclase-epidote-(tremolite-calcite).

Sample B-95-1 256' was an andesite lapilli tuff(?) which was metamorphosed to a well banded, contorted schist with layers dominated by epidote-chlorite-opaque and less abundant ones by plagioclase. In places plagioclase lenses cut epidote-rich bands. Minor patches are of quartz-(chlorite). Pyrite, ankerite, and minor chalcopyrite form replacement patches. A discontinuous veinlet is of quartz-chlorite, and a few discontinuous veinlets and patches are of ankerite; some of the latter contain narrow, irregular seams of pyrite.

Sample B-95-1 269' is similar to Sample B-95-1 256', but contains much less epidote. Much of the rock is an extremely fine grained, contorted schist dominated by chlorite with less abundant dusty opaque and plagioclase, and locally moderately abundant epidote or tremolite. The rock has a fragmental texture, commonly defined by fragments with less abundant chlorite and opaque in a groundmass with more abundant chlorite and opaque. A few patches, lenses, and bands are dominated by plagioclase. Several veins/replacement bands and patches are of quartz-chlorite; one contains calcite and chalcedony. Later veinlets are of ankerite.

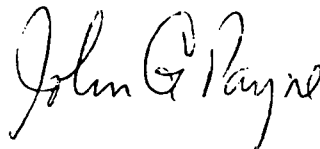
Sample B-95-1 491' is a metasomatized basalt/andesite (?) lapilli tuff in which most of the fragments are of very fine grained, unoriented intergrowths of tremolite and much less abundant chlorite, with minor to moderately abundant dusty semi-opaque. Irregular replacement patches are dominated by one or more of epidote, tremolite, and quartz. A vein is of quartz with lesser chlorite, plagioclase, and calcite. A late veinlet is of calcite-epidote-(quartz).

Sample B-95-2 265' is a metamorphosed, hypabyssal gabbro/diorite dominated by fine to medium grained tremolite and plagioclase, with much less abundant chlorite, epidote, and leucoxene, and minor pyrite. The rock is mainly massive, but locally has a few zones in which a moderate foliation is defined by elongation of lenses of leucoxene. An irregular, lensey seam (possibly a smeared out fragment) is of extremely fine grained, tremolite-rich altered basalt/andesite(?). A few elongate to irregular replacement patches are of chlorite-epidote-(tremolite/actinolite-calcite). A few, genetically related discontinuous veinlets are of chlorite-epidote.

Sample B-95-2 358' is a lensey, moderately foliated skarn, which contains bands rich in one or more of tremolite, epidote, chlorite, with less abundant calcite and plagioclase, and minor chalcedony and pyrite.

Sample B-95-2 386' is a zoned skarn dominated by tremolite and epidote with less abundant chlorite, quartz, and calcite. About 60% of the sample is dominated by tremolite, with less abundant, very fine grained epidote and a few patches of coarser chlorite, epidote, tremolite, and quartz. The other part of the sample is dominated by epidote with less abundant quartz, tremolite, calcite, and chlorite. This zone is much more irregular in texture, with patches of very fine to medium grained, anhedral epidote; scattered patches and lenses of fine to medium grained epidote, quartz, and calcite; and a few patches dominated by very fine to fine grained tremolite.

Sample BHS-1 is a rock of unknown, probably mafic origin, which is now a well banded schist containing three main types of layers. The paler green zone in the thin section is relatively massive and is dominated by chlorite with much less abundant corundum, epidote, and chalcopryrite. The darker green zone is well foliated and dominated by an lensey intergrowth of chlorite, epidote, and Ti-oxide. Epidote is concentrated strongly in one band up to 3 mm wide. Two bands up to 4 mm wide are dominated by Ti-oxide. Chalcopryrite forms disseminated patches associated with chlorite and with epidote. A coarser grained lens of corundum(?) also contains a large patch of chalcopryrite. Most chalcopryrite patches are replaced along their margins by hematite. Along one side of the section is a patch/vein of fine grained chlorite. A few patches and wispy veinlets are of malachite. A vein at one side of the section is of chlorite.



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Sample 142775

**Altered Dunite: Antigorite-Anthophyllite;
Bands and Veinlets of Talc**

The sample is an altered dunite in which olivine was replaced completely by antigorite and less abundant patches of anthophyllite, and chromite was replaced moderately to strongly by magnetite. Talc forms discontinuous bands which are mainly oriented parallel to the length of the section, and which define a moderate foliation. A few discontinuous veinlets are of talc.

antigorite	40-45%
anthophyllite	25-30
magnetite	2- 3
chromite	1
heazelwoodite	0.3 (identified by S.E.M.)
Ni-Co sulfide (siegenite?)	0.1 (identified by S.E.M.)
bands, veinlets	
talc	20-25

Antigorite forms very fine to extremely fine grained patches and seams, commonly containing moderately abundant magnetite. A few patches up to 1.5 mm across are of single, coarse grains (or cryptocrystalline grains in parallel optical orientation) which are strained slightly to moderately.

Anthophyllite is concentrated moderately to strongly in patches up to a few mm across, with textures similar to those in Sample 142786. Most patches are of unoriented, prismatic to feathery grains averaging 0.1-0.3 mm in size. A few patches up to 2 mm across are dominated by subparallel grains. It also forms disseminated, prismatic grains in patches of antigorite.

Chromite forms disseminated, ragged grains averaging 0.15-0.5 mm in size and a few up to 1.3 mm long. It is fractured moderately and replaced along grain borders and fractures to magnetite. Cores of grains resemble chromite in other samples in reflected light, but they are opaque, suggesting replacement towards magnetite.

Magnetite forms disseminated grains and trains of grains averaging 0.02-0.05 mm in size.

Heazelwoodite forms disseminated patches averaging 0.03-0.05 mm in size and one patch 0.3 mm across. Heazelwoodite is light yellow in colour, with high reflectivity, medium to low hardness, and is slightly anisotropic. Siegenite is associated with heazelwoodite as grains up to 0.05 mm in size. It is pale cream in colour and isotropic, with similar reflectivity and hardness as heazelwoodite.

Talc is concentrated near one end of the section as bands up to a few mm wide of extremely fine to fine grains, mainly oriented parallel to the length of the band. A few talc flakes are up to 1.2 mm long. It formed mainly by replacement of antigorite. A few skeletal porphyroblasts up to 2.5 mm in size are intergrown with patches of very fine grained, unoriented anthophyllite. A few discontinuous veinlets up to 0.15 mm wide are of very fine to fine grained talc.

Sample 142786

**Anthophyllite-Altered Serpentinite (after Dunite);
Veins of Antigorite**

The sample is a dunite in which olivine was altered to antigorite and magnetite, and chromite was replaced by magnetite. Later irregular patchy replacement is to anthophyllite. Large veins are of antigorite.

antigorite	40-45%
magnetite	
equant grains	2-3 (after chromite)
trains	2-3 (with antigorite after olivine)
heazelwoodite	0.1
replacement	
anthophyllite	45-50
veinlike zones	
antigorite	4-5

Antigorite (antigorite) forms patches up to 2 mm in size of very fine to fine grained aggregates. A few veinlike bands up to 0.6 mm wide consist of extremely fine to cryptocrystalline antigorite with a finely banded structure. It is pale green in colour.

Magnetite forms ragged grains averaging 0.1-0.5 mm in size, and a few up to 1.2 mm long, probably secondary after chromite. It also forms trains and patches of grains averaging 0.01-0.05 mm in size, which probably are part of the replacement of olivine. Some of the latter occur in veinlike zones up to 2 mm long, and one band 0.8 mm wide and up to 5 mm long at one end of the section is of magnetite intergrown with less abundant antigorite. Many of the coarser grains have a relic texture indicating initial replacement along fractures, and subsequent replacement in patches between fractures.

Heazelwoodite forms a few equant grains averaging 0.1-0.15 mm in size. It is pale yellow in colour, moderately soft, with high reflectivity.

Anthophyllite forms patches up to a few mm across of elongate, feathery to prismatic grains averaging 0.1-0.5 mm long. In individual patches up to 2.5 mm across, grains are commonly oriented in one main direction and one secondary direction. Some patches of anthophyllite consist of feathery to irregular, interlocking grains averaging 0.07-0.15 mm in size. Some antigorite patches contain disseminated, unoriented, prismatic grains of anthophyllite averaging 0.1-0.3 mm long.

The rock is cut by a veinlike zone up to 2 mm wide containing cryptocrystalline to extremely fine grained antigorite, in part with a feathery to herringbone texture and patches of coarser grained, unoriented antigorite.

Sample 142809

**Altered Dunite: Anthophyllite-(Antigorite-Magnetite);
Anthophyllite-(Antigorite) Veinlet;
Talc-Magnesite-(Anthophyllite) Veinlets, Replacement Patches**

The sample is an altered dunite in which olivine was replaced completely by anthophyllite and much less abundant antigorite, magnetite, and magnesite, and chromite was replaced moderately to completely along grain borders by magnetite. Heazelwoodite forms disseminated grains intergrown mainly with anthophyllite. An early(?) veinlet is of anthophyllite-(antigorite). Irregular late veinlets are of talc. Related veinlets and replacement patches are of porphyroblastic magnesite and minor fine grained anthophyllite.

anthophyllite	80-85%
antigorite	5- 7
chromite	3- 4 (includes magnetite after chromite)
magnetite	1- 2 (after dunite)
heazelwoodite	0.1
veinlets, porphyroblasts	
1) anthophyllite-(antigorite)	0.3
2) magnesite	3- 4
talc	1
anthophyllite	0.3

Original dunite grains are replaced by patches of cryptocrystalline to very fine grained anthophyllite and much less cryptocrystalline to extremely fine grained antigorite. Textures are generally similar to those in Sample 142786 but anthophyllite is much finer grained and elongate prismatic grains are much less abundant. A few ragged, tabular anthophyllite grains are up to 3 mm in size.

Magnetite forms disseminated patches and trains of grains. In anthophyllite it forms a few rectangular lenses up to 0.5 mm in length.

Magnesite(?) forms a few ragged patches up to a few in size of either very fine grains or very irregular, coarse grained porphyroblasts up to 2 mm long. These are intergrown with minor to moderately abundant prismatic anthophyllite grains up to 0.3 mm long. One very skeletal porphyroblastic grain of magnesite extends over an irregular patch and a few veinlike lenses over an area up to a few mm across.

Chromite forms anhedral grains averaging 0.3-1.5 mm in size and a few up to 3.5 mm across. These were fractured coarsely and replaced along fractures and grain borders to magnetite. Relic chromite cores averaging 0.2-0.3 mm in size and a few up to 0.6 mm across have a deep brown colour. Many grains were replaced completely by magnetite.

Heazelwoodite forms disseminated patches averaging 0.02-0.05 mm in size and a few up to 0.25 mm across intergrown slightly to moderately with anthophyllite.

A veinlet 0.1-0.15 mm wide is of extremely fine to very fine grained anthophyllite and less abundant antigorite.

Moderately abundant, irregular veinlets up to 0.15 mm wide are of very fine grained talc which are in parallel orientation perpendicular to vein walls. A few other related veinlets up to 0.2 mm across and a few replacement patches are of very fine to medium grained, commonly porphyroblastic magnesite; the latter grade into the patches of magnesite-anthophyllite. A few veinlets contain patches of talc and of magnesite. One contains a patch of heazelwoodite 0.07 mm across.

Sample 142838

Altered Dunite: Anthophyllite-(Antigorite-Magnetite)

The sample is very similar to Sample 142809. It is an altered dunite in which olivine was replaced completely by anthophyllite and much less abundant antigorite, magnetite, and magnesite, and chromite was replaced moderately to completely along grain borders by magnetite. Heazlewoodite and less abundant bravoite form disseminated grains intergrown mainly with anthophyllite.

anthophyllite	80-85%
antigorite	5- 7
magnesite	4- 5
chromite	2- 3 (includes magnetite after chromite)
magnetite	0.3 (after dunite)
heazlewoodite	0.2
bravoite	minor
nickel-iron	trace
veinlets, porphyroblasts	

Original dunite grains are replaced by patches of very fine to fine grained anthophyllite and much less extremely fine grained antigorite. Anthophyllite forms a mat of prismatic grains with interstitial patches of antigorite; grain size varies moderately between diffuse patches up to a few mm across. Finer grained patches are almost entirely of anthophyllite grains averaging 0.05-0.2 mm in size. Coarser grained patches contain elongate anthophyllite grains from 0.3-0.7 mm in length with moderately abundant interstitial antigorite. A few ragged, tabular anthophyllite grains are up to 3 mm in size.

Magnetite forms disseminated patches of grains interstitial to anthophyllite. It is concentrated in a few lenses up to 1.5 mm long in which it forms disseminated grains up to 0.02 mm in size intergrown with anthophyllite.

Magnesite(?) is concentrated in an irregular zone up to several mm wide in which it forms ragged to very skeletal porphyroblasts averaging 1-2 mm in size and a few up to 3.5 mm in size. These are intergrown with moderately abundant to very abundant prismatic anthophyllite grains up to 0.5 mm long. Some magnesite grains are altered slightly to moderately to limonite. Associated with the magnesite-rich zone is a vague band containing moderately abundant patches of parallel to subparallel fibrous anthophyllite grains up to 1 mm long. In this zone, one patch 2.5 mm long is of parallel fibrous grains of anthophyllite intergrown with irregular patches of unoriented, extremely fine grained antigorite.

Chromite forms ragged, anhedral grains averaging 0.3-1 mm in size. These were fractured coarsely and replaced moderately to locally strongly along fractures and grain borders to magnetite. Relic chromite cores averaging 0.1-0.2 mm in size and a few up to 0.3 mm across have a deep brown colour. Intergrown with magnetite are disseminated grains averaging 1- 3 microns in size of nickel-iron. Similar nickel-iron grains are disseminated through the rock in pyrophyllite.

Heazlewoodite and less abundant bravoite form skeletal patches up to 0.3 mm in size interstitial to anthophyllite. Bravoite is replaced moderately to strongly by red-brown hematite.

A few euhedral grains of nickel-iron average 0.01-0.02 mm in size.

**Sample B-95-1 225' Altered Basalt(?): Tremolite-Chlorite-Clinzoisite-Calcite Alteration;
Replacement Patches of Epidote-Chlorite-Calcite-(Tremolite);
Vein of Plagioclase-Epidote-(Calcite-Tremolite)**

Porphyroblasts of clinzoisite and patches of tremolite-(calcite) replace an extremely fine grained groundmass dominated by tremolite and chlorite, with wispy seams containing abundant limonite/leucoxene and minor patches of chalcopryrite. The origin of the rock is uncertain, but it probably is an aphanitic mafic volcanic rock. A few textures suggest that it may have been a lapilli tuff. A few replacement patches/amygdules are of epidote-chlorite-(calcite-tremolite). A vein is of plagioclase-epidote-(tremolite-calcite).

porphyroblasts, patches

clinzoisite 30-35%
tremolite 4- 5

groundmass

tremolite 35-40
chlorite 10-12
calcite 5- 7
limonite/leucoxene 3- 4
chalcopryrite 0.2
sphalerite trace

replacement patches/amygdules

epidote-calcite-chlorite-tremolite 1- 2

vein

plagioclase-epidote-(tremolite-calcite) 1

Clinzoisite forms equant, subhedral porphyroblasts and clusters of porphyroblasts averaging 0.2-0.5 mm in size and a few up to 0.8 mm across. Many of these have irregular cores of cryptocrystalline epidote surrounded by thin rims of coarser material, and many of the cores contain relic patches and lenses of limonite/leucoxene. In many grains, a very fine, internal texture is defined, with rounded patches averaging 0.05-0.08 mm in size of clear clinzoisite being enclosed in a sparse to abundant matrix of clinzoisite containing abundant dusty limonite/leucoxene.

Other patches, possibly of similar origin averaging 0.3-0.7 mm in size and locally up to 1 mm across are of very fine grained, unoriented prismatic grains of tremolite. Some of these contain minor to moderately abundant very fine grained calcite intergrown with tremolite.

The groundmass of the rock is dominated by cryptocrystalline to extremely fine grained tremolite and much less abundant chlorite. Tremolite also forms scattered, elongate, prismatic grains from 0.2-0.4 mm long. Cryptocrystalline limonite/Ti-oxide is concentrated strongly in wispy seams parallel to a wavy foliation. One discontinuous band up to 0.7 mm wide and a few mm long is dominated by leucoxene/limonite with irregular to subrounded inclusions averaging 0.05-0.145 mm in size of extremely fine grained tremolite-chlorite. A few seams parallel to foliation are dominated by extremely fine grained tremolite, with tremolite grains oriented parallel to foliation. Some of these are warped moderately. A few lensy patches up to 1.5 mm long of groundmass material with a low content of limonite/leucoxene appear to be fragments contained in groundmass material with moderately abundant limonite/leucoxene.

(continued)

Calcite forms grains averaging 0.1-0.15 mm in size of replacement origin.

Chalcopyrite forms disseminated grains averaging 0.02-0.05 mm in size. It is concentrated strongly in a lens 1.7 mm long in which patches up to 0.8 mm in size are intergrown with grains of epidote averaging 0.3-0.5 mm in size. A second chalcopyrite-rich patch 0.45 mm long contains a few grains of sphalerite averaging 0.01-0.03 mm in size.

One patch 2 mm long and 1 mm wide is of medium grained epidote and calcite, with interstitial patches of extremely fine grained chlorite and minor acicular grains of tremolite up to 0.5 mm long in chlorite. Another similar patch of similar size is dominated by epidote and chlorite with much less calcite and tremolite. These may be original amygdules or may be replacement patches.

In one corner of the section, a vein 0.7-0.8 mm wide is of very fine to fine grained, interlocking plagioclase, with a patch of several equant epidote grains averaging 0.02 mm in size, and much less abundant disseminated, acicular grains of tremolite and irregular to subhedral patches of calcite.

Sample B-95-1 256'

**Metamorphosed, Contorted Andesite Lapilli Tuff(?);
Epidote-Plagioclase-Chlorite-Opaque-(Pyrite);
Veinlets of Quartz-Chlorite, Ankerite-(Pyrite)**

The rock is a well banded, contorted schist with layers dominated by epidote-chlorite-opaque and less abundant ones by plagioclase. In places plagioclase lenses cut epidote-rich bands. Minor patches are of quartz-(chlorite). Pyrite, ankerite, and minor chalcopyrite form replacement patches. A discontinuous veinlet is of quartz-chlorite, and a few discontinuous veinlets and patches are of ankerite; some of the latter contain narrow, irregular seams of pyrite.

epidote	55-60%
plagioclase	15-17
chlorite	15-17
opaque (leucoxene/hematite)	5- 7
pyrite	2- 3
quartz	0.5
chalcopyrite	0.1
pyrrhotite	trace
veins, veinlets	
quartz-chlorite	1
ankerite-(pyrite)	3- 4

Plagioclase (albite?) is concentrated in bands up to 1 mm wide of strongly interlocking grains averaging 0.1-0.3 mm in size. These have a metamorphic texture and may have been formed by deformation and recrystallization of coarser grains.

Epidote forms dense patches of euhedral to subhedral grains averaging 0.1-0.15 mm in size, which grade into zones of disseminated, similar to slightly coarser grains intergrown with foliated patches of chlorite and dusty opaque. A few bands up to 2 mm wide are of cryptocrystalline chlorite containing moderately abundant to very abundant Ti-oxide/leucoxene and only minor epidote.

A few patches up to 1.7 mm long are of equant quartz grains averaging 0.03-0.07 mm in size intergrown with moderately abundant, cryptocrystalline to extremely fine grained, disseminated chlorite.

Pyrite forms a few patches up to 1.2 mm in size intergrown moderately to strongly with ankerite. Textures suggest that they may be secondary after pyrrhotite. A few pyrite grains contain minor inclusions of pyrrhotite up to 0.02 mm in size. One of the largest patches is rectangular, and may be after a hornblende phenocryst.

Chalcopyrite occurs near pyrite as grains averaging 0.05-0.1 mm in size.

A vein 0.7 mm wide is of very fine to fine grained quartz and patches of extremely fine grained chlorite. Chlorite grains are oriented parallel to the length of the vein.

A few veinlets and veins averaging 0.05-0.3 mm wide are of ankerite, which is mainly extremely fine to very fine grained. In part of one of the widest veins, a border zone 0.05-0.07 mm wide is of ankerite grains growing perpendicular to the vein walls. The core of this part of the vein is of fine to medium grained ankerite which is strained slightly to moderately. A narrower veinlet has a similar zonation pattern, with the added feature that the core shows delicate growth seams parallel to the length of the veinlet. A related replacement patch 0.8 mm across is of extremely fine to very fine grained ankerite; coarser grains commonly are strained moderately. Some veinlets contain irregular seams averaging 0.005-0.01 mm wide are of extremely fine grained pyrite.

Sample B-95-1 269'

**Metamorphosed, Contorted, Andesite Lapilli Tuff;
Chlorite-Plagioclase-Opaque-Epidote Schist;
Patches/Veins of Quartz-Chlorite; Veinlets of Ankerite**

The sample is similar to Sample B-95-1 256', but contains much less epidote. Much of the rock is an extremely fine grained, contorted schist dominated by chlorite with less abundant dusty opaque and plagioclase, and locally moderately abundant epidote or tremolite. The rock has a fragmental texture, commonly defined by fragments with less abundant chlorite and opaque in a groundmass with more abundant chlorite and opaque. A few patches, lenses, and bands are dominated by plagioclase. Several veins/replacement bands and patches are of quartz-chlorite; one contains calcite and chalcedony. Later veinlets are of ankerite.

chlorite	40-45%	tremolite	0.7%
plagioclase	20-25	chalcopryrite	minor
dusty opaque	8-10	pyrite	trace
epidote	5- 7	sphalerite	trace
veins, veinlets, replacement patches			
1) quartz-chlorite-(calcite-chalcedony)	12-15		
2) ankerite	3- 4		

Much of the sample has a finely fragmental texture, with patches averaging 0.1-0.2 mm in size of cryptocrystalline chlorite-plagioclase(?) surrounded by selvages and patches dominated by leucoxene/opaque with lesser chlorite. Epidote forms disseminated, euhedral grains averaging 0.05-0.2 mm in size. Ti-oxide forms disseminated grains averaging 0.005-0.01 mm in size. Chlorite is concentrated moderately in irregular lenses up to 0.3 mm wide parallel to foliation.

Plagioclase is concentrated in irregular patches and a few lenses up to 2.5 mm long as strongly interlocking grains averaging 0.05-0.2 mm in size. Some of these are subrounded, and appear to be fragments (or possibly amygdules?).

Tremolite forms scattered acicular grains and clusters of a few grains up to 0.5 mm long. It is concentrated moderately in a boudinaged? lensy band up to 1 mm wide and several mm long.

Chalcopryrite forms disseminated patches averaging 3-10 microns in size, and a few up to 0.03 mm in size intergrown with chlorite. One large grain is intergrown with a patch of sphalerite 0.015 mm in size. One patch 0.2 mm across contains abundant cryptocrystalline chalcopryrite grains intergrown with chlorite and non-reflective opaque. One patch 0.05 mm in size in plagioclase contains a grain of pyrite 0.01 mm in size.

Quartz-chlorite patches are up to 2 mm wide and consist of equant quartz grains averaging 0.03-0.08 mm in size and interstitial grains and patches of extremely fine grained chlorite. The quartz/chlorite ratio varies widely. One coarser grained patch contains minor interstitial grains of calcite and a patch 0.6 mm across of radiating chalcedony.

Ankerite forms veinlets averaging 0.05-0.2 mm in size of very fine grains and a few veins up to 0.3 mm wide. The largest vein is zoned, with a border zone of cryptocrystalline grains grading towards the centre of the vein to euhedrally terminated grains averaging 0.003-0.05 mm in size. The core of the vein is filled by coarse grained ankerite. Pyrite forms trace disseminated grains up to 0.02 mm in size.

Sample B-95-1 491'

**Metasomatized Basalt/Andesite (?) Lapilli Tuff;
Tremolite-Chlorite Alteration
Replacement Patches of Epidote-Quartz-Tremolite-Plagioclase
Vein of Quartz-(Chlorite-Plagioclase-Calcite);
Veinlet of Calcite-Epidote-(Quartz)**

Most of the fragments are of very fine grained, unoriented intergrowths of tremolite and much less abundant chlorite, with minor to moderately abundant dusty semi-opaque. Irregular replacement patches are dominated by one or more of epidote, tremolite, and quartz. A vein is of quartz with lesser chlorite, plagioclase, and calcite. A late veinlet is of calcite-epidote-(quartz).

tremolite	50-55
chlorite	4- 5
semi-opaque	2- 3
chalcopyrite	minor
sphalerite	trace
replacement patches	
epidote	10-12
tremolite	7- 8
quartz	4- 5
calcite	0.7
plagioclase	0.5
veins	
quartz-(chlorite-plagioclase-calcite)	5- 7
calcite-epidote-(quartz)	1

Fragments up to a few mm in size are dominated by an extremely fine to very fine grained intergrown of unoriented tremolite grains with much less interstitial grains and lensy patches averaging 0.07-0.1 mm long of cryptocrystalline to extremely fine grains of chlorite and minor acicular tremolite grains. Dusty semi-opaque forms moderately abundant disseminated grains in tremolite-rich zones, and locally is concentrated strongly in irregular seams and lenses which define a moderate foliation.

Rounded patches averaging 0.1-0.3 mm in size of very fine grained quartz and minor acicular tremolite may represent original amygdules.

Ti-oxide forms disseminated grains averaging 3-10 microns in size.

Chalcopyrite forms disseminated grains averaging 0.01-0.05 mm in size and a few patches up to 0.1 mm across. One larger patch contains a grain of sphalerite 0.02 mm across. Pyrite forms one elongate grain 0.05 mm long associated with a patch of chalcopyrite.

Irregular replacement patches averaging 0.2-0.7 mm in size are mainly of very fine grained epidote and quartz in widely varying proportions. Epidote also forms disseminated, subhedral porphyroblasts averaging 0.1-0.15 mm in size. Calcite forms scattered subhedral grains up to 0.2 mm long. A few epidote-rich lens and patches contain a few patches up to 0.1 mm in size of chalcopyrite.

One elongate patch several mm long is dominated by unoriented, prismatic to acicular tremolite grains averaging 0.15-0.3 mm long.

One replacement patch 3.5 mm across is dominated by ragged tremolite grains averaging 0.3-0.7 mm long, with minor interstitial plagioclase and calcite grains averaging 0.1-0.15 mm in size.

(continued)

One patch 2 mm across is dominated by ragged, stubby prismatic grains of tremolite averaging 0.3-0.7 mm in size, with minor interstitial quartz and calcite, which also are concentrated in a few zones near the margins of the patch.

One patch 1.3 mm across is dominated by slightly interlocking plagioclase/quartz grains averaging 0.05 mm in size with a few calcite grains up to 0.3 mm long along the margin and minor sericite flakes up to 0.05 mm in size intergrown with quartz in the core.

Another ellipsoidal patch 1.7 mm long consists of patches of strongly interlocking plagioclase grains averaging 0.05-0.1 mm in size containing moderately abundant disseminated flakes of chlorite and sheaves of fibrous tremolite. It contains a few patches of quartz grains averaging 0.07-0.15 mm in size which appear to be replacing plagioclase.

An irregular vein averaging 0.5-0.6 mm wide is dominated by quartz grains averaging 0.05-0.08 mm in size. A few patches are of moderately to strongly interlocking plagioclase. Calcite forms a few grains averaging 0.1-0.5 mm in size; some coarser grains are subhedral to euhedral in outline and some are slightly poikilitic. Chlorite forms a few patches of extremely fine grains, which are concentrated strongly along one side of the vein towards one end of the section. Tremolite forms acicular grains extending into the vein from the wall rock.

A veinlet averaging 0.2-0.3 mm wide is dominated by very fine grained calcite with a few euhedral grains of epidote averaging 0.1-0.15 mm in size and minor grains of quartz averaging 0.07 mm in size. Chalcopyrite forms one patch 0.15 mm across. This veinlet offsets the quartz-rich vein by about 2 mm.

Sample B-95-2 265'

**Metamorphosed Hypabyssal Gabbro/Diorite;
Fragment of Tremolite-rich, Altered Basalt/Andesite;
Replacement Patch of Chlorite-(Epidote)**

The sample is dominated by fine to medium grained tremolite and plagioclase, with much less abundant chlorite, epidote, and leucoxene, and minor pyrite. The rock is mainly massive, but locally has a few zones in which a moderate foliation is defined by elongation of lenses of leucoxene. An irregular, lensey seam (possibly a smeared out fragment) is of extremely fine grained, tremolite-rich altered basalt/andesite(?). A few elongate to irregular replacement patches are of chlorite-epidote-(tremolite/actinolite-calcite). A few, genetically related discontinuous veinlets are of chlorite-epidote.

tremolite	35-40%
plagioclase	30-35
chlorite	4- 5
epidote	2- 3
leucoxene	3- 4
pyrite	0.2 (Note: thin section only)
seam/fragment	
tremolite-rich	3- 4
replacement patches	
chlorite	7- 8
epidote	1- 2
tremolite/actinolite	0.5
calcite	0.3
pyrite	0.1
veinlets	
chlorite-epidote	2- 3

Plagioclase forms equant to prismatic grains averaging 0.2-0.5 mm long and a few slender, prismatic grains up to 1.2 mm long.

Tremolite/actinolite forms ragged, prismatic grains averaging 0.3-1 mm long with fibrous terminations. A few ragged, tabular grains are up to 1.1 mm across, and a few subhedral prismatic grains are up to 1.1 mm long. Some patches contain moderately abundant very fine to fine, acicular grains in subparallel to random orientation. Pleochroism is weak from pale to light green.

Epidote forms a few, very fine grained patches, probably as a replacement of plagioclase. It also forms disseminated, subhedral to euhedral grains averaging 0.1-0.2 mm in size.

Leucoxene (after ilmenite) forms disseminated, mainly equant patches averaging 0.07-0.15 mm in size and a few from 0.3-1 mm long. In a few zones, patches are flattened in a moderate foliation.

Chlorite and much less abundant epidote form interstitial patches up to 1 mm in size. These probably are related in origin to the replacement patches. Pyrite forms a few patches up to 0.5 mm across included in chlorite.

Pyrite forms disseminated grains averaging 0.1-0.2 mm in size, mainly intergrown with chlorite.

A lensey seam up to 1 mm wide is dominated by moderately oriented tremolite grains averaging 0.05-0.08 mm long; it may be a smeared out mafic inclusion.

(continued)

A replacement patch up to a few mm wide and extending the width of the section and a few smaller patchy to lensy replacement patches are dominated by very fine grained chlorite, with disseminated, subhedral to euhedral grains of epidote averaging 0.1-0.3 mm in size, and a few up to 0.6 mm across. Tremolite/actinolite forms disseminated, acicular to prismatic grains averaging 0.2-0.7 mm in length. Pyrite forms minor veins and patches of subhedral grains averaging 0.02-0.03 mm in size. Calcite forms a few ragged grains up to 0.6 mm in size.

A few discontinuous veinlets up to 0.5 mm wide contain subhedral to euhedral epidote grains averaging 0.2-0.05 mm in size enclosed in feathery, extremely fine grained chlorite. They are related in origin to the replacement patches.

Sample B-95-2 358'

**Lensy, Foliated Skarn:
Epidote-Tremolite-Chlorite-Calcite-Plagioclase**

The rock is moderately foliated, and contains bands rich in one or more of tremolite, epidote, chlorite, with less abundant calcite and plagioclase, and minor chalcedony and pyrite.

epidote	30-35%
tremolite/actinolite	25-30
chlorite	20-25
calcite	5- 7
plagioclase	4- 5
chalcedony	0.3
pyrite	minor

Some seams up to 1 mm wide contain abundant tremolite/actinolite grains averaging 0.03-0.2 mm in length oriented slightly to strongly parallel to the length of the band. Other tremolite-rich patches up to 2 mm across are of unoriented, acicular to prismatic grains averaging 0.03-0.07 mm in length and a few grains up to 0.3 mm long. One lens up to 2 mm wide is dominated by unoriented, ragged prismatic to acicular grains of tremolite averaging 0.2-3 mm long, with minor interstitial patches of plagioclase and of chlorite.

Some bands up to 2 mm wide are dominated by very fine grained epidote containing dusty semi-opaque which makes the grains semi-opaque. Some of these are bordered by zones of epidote-chlorite in which epidote grains from 0.2-0.6 mm long have subhedral to euhedral terminations and are free of dusty inclusions. These epidote grains are zoned concentrically, with pale yellow iron-rich cores with moderate birefringence rimmed by colourless iron-poor zones with low, anomalous blue extinction. Interstitial to subhedral to euhedral epidote are patches of extremely fine grained chlorite. A few epidote-rich patches up to 2 mm across are of grains averaging 0.2-0.5 mm in size.

One chlorite-rich lens up to several mm across contains cryptocrystalline to very fine grained flakes. It contains patches of fine to medium grained calcite and disseminated, euhedral grains of epidote averaging 0.1-0.5 mm in size. Some smaller chlorite patches contain minor to moderately abundant, acicular grains of tremolite averaging 0.1-0.3 mm long, in part as slightly radiating sheaves.

Plagioclase is concentrated in patches averaging 0.5-1.5 mm in size and a few up to 2.5 mm long as moderately to strongly interlocking grains averaging 0.07-0.15 mm in size. Some of these appear to have formed by cataclastic deformation and recrystallization of coarser grains. In a few patches, plagioclase forms slightly interlocking to submosaic grains averaging 0.15-0.3 mm in size. One patch 1.5 mm across is of strained plagioclase grains averaging 0.15-0.5 mm in size. Many patches contain minor to moderately abundant, unoriented, acicular grains of tremolite averaging 0.05-0.15 mm long.

Some interstitial patches up to 1.5 mm in size and lenses up to 2 mm long are of very fine to fine grained calcite, with a few coarser poikilitic grains. One patch 2 mm across is of medium grained calcite.

Chalcedony forms a few patches up to 0.3 mm in size of radiating clusters of grains averaging 0.07-0.15 mm in size in calcite-rich lenses.

Pyrite forms a few grains averaging 0.03-0.07 mm in size.

The sample is a zoned skarn dominated by tremolite and epidote with less abundant chlorite, quartz, and calcite. About 60% of the sample is dominated by tremolite, with less abundant, very fine grained epidote and a few patches of coarser chlorite, epidote, tremolite, and quartz. The other part of the sample is dominated by epidote with less abundant quartz, tremolite, calcite, and chlorite. This zone is much more irregular in texture, with patches of very fine to medium grained, anhedral epidote; scattered patches and lenses of fine to medium grained epidote, quartz, and calcite; and a few patches dominated by very fine to fine grained tremolite.

tremolite	45-50%
epidote	
unzoned	30-35
zoned	2- 3
chlorite	8-10
quartz	5- 7
calcite	3- 4
pyrite	minor

Tremolite forms prismatic grains averaging 0.07-0.2 mm in size, and a few up to 0.7 mm long. In a few discontinuous seams up to 1 mm wide, tremolite grains are in subparallel orientation. Some of these are warped around epidote grains.

Epidote occurs in three main modes. In the tremolite-rich zone, it forms disseminated patches averaging 0.05-0.1 mm in size of cryptocrystalline grains in tremolite-rich patches. These contain abundant dusty semi-opaque inclusions. Near the contact of the two zones is a band up to 2 mm wide dominated by moderately interlocking, fine to medium grained epidote with dusty semi-opaque inclusions. Mainly in chlorite-rich patches, epidote forms subhedral to euhedral grains averaging 0.2-0.5 mm in size. These are zoned strongly as in Sample B-95-2 368' from iron-rich cores to iron-poor rims.

In the tremolite-rich zone, chlorite forms a few interstitial patches up to 1 mm in size.

Calcite forms scattered euhedral porphyroblastic grains up to 1.7 mm long in chlorite-rich patches and anhedral grains from 0.5-1 mm in size.

In the tremolite-rich zone, quartz is concentrated moderately in quartz-rich patches up to 0.5 mm in size of submosaic grains averaging 0.07-0.15 mm in size. In cores of some chlorite-rich patches, quartz forms interstitial grains averaging 0.05-0.08 mm in size, and in tremolite-rich patches, it forms patches up to 1.2 mm across of very fine to fine, moderately interlocking grains.

A fine to medium grained patch 2.5 mm across is dominated by anhedral, slightly interlocking epidote grains with lesser interstitial patches of calcite and extremely fine grained chlorite, and minor interstitial quartz and acicular grains of tremolite.

In the epidote-rich zone, two fine to medium grained lenses 3 x 1 mm in size are dominated by fine grained quartz with moderately abundant prismatic tremolite grains up to 0.4 mm in length and a few patches of very fine calcite grains. One also contains a few anhedral to subhedral epidote grains averaging 0.1-0.2 mm in size, concentrated mainly along the margins of the patch.

Pyrite forms a few grains up to 0.3 mm in size in the core of a quartz-rich patch.

Sample B-95-2 407'

Banded Skarn: Tremolite-Epidote-Quartz-(Calcite)

The sample is moderately similar to Sample B-95-2 386', with zones rich in very fine grained tremolite, and patches rich in very fine to fine grained epidote, quartz, calcite, and chlorite. One coarser grained patch is dominated by quartz and tremolite.

tremolite	45-50%
epidote	30-35
quartz	10-12
chlorite	2- 3
calcite	2- 3

Much of the sample is of unoriented, elongate tremolite grains averaging 0.03-0.15 mm long in some patches and 0.05-0.2 mm in others. These contain minor to moderately abundant patches of anhedral epidote grains averaging 0.03-0.07 mm in size, and in places they grade into patches dominated by anhedral, slightly interlocking epidote grains averaging 0.05-0.15 mm in size. Some coarser grained patches are dominated by anhedral to subhedral epidote grains averaging 0.2-0.5 mm in size.

Numerous coarser grained patches are of variable mineralogy. Some are dominated by epidote and quartz, with much less chlorite and minor tremolite. Epidote forms patches of very irregular, very fine to fine grains with less abundant interstitial patches of quartz. Other patches are dominated by euhedral, zoned epidote grains up to 0.5 mm long. Zonation is from iron-rich cores to iron-poor rims. Chlorite is concentrated in interstitial patches up to 1.5 mm across as extremely fine grained patches intergrown coarsely with quartz. Calcite forms scattered, interstitial grains averaging 0.3-0.6 mm in size. Tremolite forms acicular grains averaging 0.1-0.5 mm long.

One coarser grained band up to several mm wide contains very fine to fine grained quartz intergrown intimately with unoriented, acicular tremolite grains averaging 0.2-0.5 mm long, and intergrown coarsely with irregular patches of epidote. Calcite forms a few patches of grains averaging 0.2-0.7 mm in size and chlorite forms a few patches up to 0.5 mm across of extremely fine grains.

In one tremolite-rich band up to 1 mm wide, tremolite grains averaging 0.07-0.1 mm long are oriented moderately parallel to define a foliation which is subparallel to the main compositional bands in the rock.

**Sample BHS-1 Chlorite-Epidote-Ti-oxide-Corundum(?) -Chalcopyrite Alteration;
Lens of Corundum(?) -Chalcopyrite; Chlorite Vein**

The sample is a well banded schist containing three main types of layers. The paler green zone in the thin section is relatively massive and is dominated by chlorite with much less corundum, epidote, and chalcopyrite. The darker green zone is well foliated and dominated by a lency intergrowth of chlorite, epidote, and Ti-oxide. Epidote is concentrated strongly in one band up to 3 mm wide. Two bands up to 4 mm wide are dominated by Ti-oxide. Chalcopyrite forms disseminated patches associated with chlorite and with epidote. A coarser grained lens of corundum(?) also contains a large patch of chalcopyrite. Most chalcopyrite patches are replaced along their margins by hematite. Along one side of the section is a patch/vein of fine grained chlorite. A few patches and wispy veinlets are of malachite. A vein at one side of the section is of chlorite.

chlorite	50-55%	ilmenite	0.1%
epidote	25-30	magnetite	0.2
Ti-oxide	17-20	chalcopyrite	2- 3
corundum(?)	3- 4	pyrite	trace
chalcopyrite	2- 3	malachite	trace
calcite	1- 2		
vein			
chlorite	2- 3		

The darker green zone is dominated by a lency intergrowth of extremely fine to very fine grained chlorite, Ti-oxide, and lesser anhedral epidote. Ti-oxide is concentrated in narrow trains and lenses parallel to foliation. More massive patches are dominated by chlorite flakes averaging 0.05-0.1 mm in size and patches up to 1.5 mm in size of extremely fine grained, anhedral epidote. Chlorite is pleochroic from light, slightly yellowish green to medium green.

Epidote is concentrated strongly in one band 3 mm wide as grains averaging 0.01-0.03 mm in size. This contains less abundant chlorite and lenses of Ti-oxide, and several patches of chalcopyrite.

One lency patch 6 mm long consists of equant to prismatic grains of corundum(?) up to 1.3 mm long and a few patches of chalcopyrite up to 1.5 mm across. Corundum(?) is very hard, with high relief, low birefringence, and a uniaxial negative optic sign.

The paler green zone is dominated by very fine grained chlorite with much less abundant disseminated corundum grains averaging 0.07-0.15 mm in size and epidote averaging 0.02-0.04 mm in size. Calcite forms equant, anhedral to euhedral grains averaging 0.3-1 mm in size. Chalcopyrite forms scattered patches averaging 0.2-0.5 mm across and one 1.7 mm across, mainly associated with chlorite. Patches of chalcopyrite are altered along their margins (and in the largest patches along a few fractures) in zones 0.01-0.04 mm wide to opaque to locally deep brownish red hematite.

Ti-oxide is concentrated strongly in two bands as equant grains averaging 0.01-0.02 mm in size. A few cores of patches contain clusters of grains averaging 0.05-0.1 mm in size of ilmenite and leucoxene. One of these patches contains moderately abundant chalcopyrite and pyrite. In these bands, chalcopyrite forms disseminated grains averaging 0.02-0.03 mm in size.

(continued)

Magnetite forms subhedral to euhedral grains averaging 0.05-0.2 mm in size and clusters of grains mainly enclosed in chlorite near borders with Ti-oxide -rich bands.

Pyrite forms a few grains averaging 0.02-0.05 mm in size associated with chalcopyrite. One grain up to 0.03 mm wide forms a partial rim on a grain of leucoxene 0.1 mm across (after ilmenite).

Malachite forms a few patches up to 0.1 mm in size of fan-textured grains. Nearby are a few wispy veinlets less than 0.01 mm wide.

A vein up to 1.5 mm wide along one side of the section is of equant flakes of chlorite averaging 0.3-0.5 mm in size. Pleochroism is from light yellowish green to medium green.

P.02/02

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GEOCHEMICAL ANALYSIS CERTIFICATE

Hera Resources Inc. PROJECT BORNITE File # 95-4426

P.O. Box 11611, 350-650 Vancouver BC V6B 4M9 Submitted by: U. Mousat

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Ma	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
E 125170	<1	77	7	57	<.3	124	24	816	3.67	2	<5	<2	<2	13	<.2	2	<2	37	1.00	.013	1	149	2.81	12	.20	3	2.08	.02	.02	3	4
E 125171	4	75	325	200	1.4	69	17	549	3.04	8	<5	<2	<2	13	1.7	7	3	41	1.09	.013	1	120	1.82	12	.20	4	1.64	.02	.02	<2	3
E 125172	<1	116	<3	107	<.3	86	26	845	5.36	4	<5	<2	<2	19	.8	<2	<2	72	1.56	.051	2	142	2.45	12	.41	<3	2.60	.01	.04	2	7
E 125173	1	46	6	48	<.3	100	21	821	3.61	<2	<5	<2	<2	10	.4	2	<2	45	1.41	.032	1	198	2.24	20	.29	<3	2.10	.02	.10	4	9
E 125174	<1	159	18	96	<.3	153	32	1140	6.54	10	<5	<2	2	13	1.5	<2	2	101	2.00	.051	2	221	3.36	12	.46	<3	3.60	.01	.04	<2	<2
E 125175	<1	315	7	103	<.3	105	31	1133	7.19	7	<5	<2	<2	12	<.2	<2	2	96	1.21	.067	3	167	3.26	11	.46	6	3.72	.01	.01	<2	3
E 125176	<1	208	7	103	<.3	94	37	1094	7.14	3	<5	<2	<2	14	<.2	2	<2	90	1.40	.058	1	287	3.15	9	.32	3	3.67	.02	.01	<2	<2
E 125177	<1	142	<3	101	<.3	124	38	1026	7.69	5	<5	<2	<2	11	<.2	<2	<2	86	1.06	.036	1	259	3.34	12	.46	<3	3.96	.01	.02	<2	<2
RE E 125177	1	144	8	102	<.3	135	41	1047	7.81	<2	<5	<2	<2	11	<.2	<2	<2	87	1.09	.040	2	265	3.40	12	.47	<3	4.03	.01	.02	<2	<2
RRE E 125177	<1	143	7	101	<.3	129	39	1041	7.80	5	<5	<2	<2	10	<.2	<2	2	86	1.05	.038	1	267	3.39	6	.44	<3	4.01	.01	.02	<2	<2
E 125178	<1	159	9	50	<.3	83	23	690	4.17	6	<5	<2	<2	13	<.2	<2	<2	51	1.67	.032	1	205	2.56	11	.29	5	2.50	.02	.06	<2	3
E 125179	<1	231	<3	80	<.3	47	26	941	6.56	7	<5	<2	<2	26	.2	<2	<2	63	2.96	.028	1	86	2.86	9	.39	4	3.47	.01	.05	<2	<2
E 125180	<1	95	4	60	<.3	97	22	781	4.84	8	<5	<2	<2	14	<.2	2	<2	70	1.79	.024	<1	213	2.55	17	.32	<3	2.70	.01	.09	<2	<2
E 125181	<1	206	<3	106	<.3	75	37	1269	8.22	7	<5	<2	<2	23	<.2	<2	<2	104	1.60	.041	1	136	2.83	17	.48	3	3.87	.01	.03	<2	7
E 125182	<1	233	8	100	<.3	59	36	1564	8.33	4	<5	<2	<2	15	<.2	<2	<2	132	1.57	.041	1	88	3.43	11	.46	<3	4.17	.01	.02	<2	4
E 125183	1	115	10	60	<.3	45	25	1214	5.50	4	<5	<2	<2	61	.3	<2	<2	134	5.51	.022	1	130	2.81	11	.25	3	3.03	.02	.04	<2	<2
E 125184	<1	150	6	82	<.3	50	30	1429	7.17	14	<5	<2	2	76	<.2	<2	3	135	5.82	.026	3	128	3.03	17	.12	<3	3.75	.01	.06	<2	8
E 125185	<1	263	9	107	<.3	53	35	1571	8.82	6	<5	<2	<2	20	<.2	<2	<2	107	1.96	.052	3	75	2.91	11	.49	<3	4.00	<.01	.03	<2	4
RE E 125185	<1	265	3	107	<.3	50	35	1582	8.96	2	<5	<2	<2	21	<.2	<2	<2	109	2.00	.051	2	76	2.94	9	.52	<3	4.08	.01	.03	<2	6
RRE E 125185	<1	281	<3	110	<.3	51	35	1602	9.05	7	<5	<2	<2	21	1.1	<2	<2	110	1.99	.052	2	76	2.98	9	.51	3	4.14	<.01	.03	<2	4
E 125186	<1	180	3	61	<.3	44	27	858	5.17	5	<5	<2	<2	11	<.2	<2	2	63	1.58	.018	1	66	2.14	9	.39	3	2.61	<.01	.01	<2	3
E 125187	<1	148	3	52	<.3	35	22	784	4.43	3	<5	<2	<2	15	.7	<2	<2	55	2.16	.025	<1	57	1.95	9	.35	<3	2.37	<.01	.02	<2	2
E 125188	<1	156	6	64	<.3	37	24	756	4.58	3	<5	<2	<2	11	.5	<2	3	48	1.53	.022	<1	57	1.98	8	.37	3	2.40	.01	.03	<2	<2
STANDARD C/AU-R	19	58	38	124	6.2	62	31	1065	3.95	43	16	7	37	50	17.6	17	19	56	.50	.091	38	61	.90	185	.08	24	1.81	.06	.15	11	498

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR MA K AND AL.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1X, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 31 1995 DATE REPORT MAILED: Nov 14/95 SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-446A

P.O. Box 11611, 3501 - 350 Vandermant St, Vancouver, BC V6B 6V7 Submitted by: U. Howe

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppt
E 122551	<1	347	8	95	<.3	74	40	814	8.13	<2	7	<2	<2	64	1.9	<2	<2	66	1.81	.029	1	65	1.58	22	.69	<3	2.64	.01	.01	<2	1
E 122552	2	17	10	128	<.3	66	42	1171	8.83	<2	5	<2	<2	14	2.1	3	3	192	.96	.031	<1	96	2.73	8	.50	<3	3.93	.01	<.01	<2	1
E 122553	1	343	11	122	.4	97	50	975	10.01	<2	<5	<2	<2	38	2.5	<2	<2	65	1.08	.044	1	91	1.99	10	.76	<3	3.57	.01	<.01	<2	1
E 122554	1	154	6	115	<.3	73	40	1149	8.55	<2	5	<2	<2	24	2.0	<2	3	109	1.62	.044	<1	84	3.44	11	.69	<3	4.18	.01	<.01	<2	3
E 122555	1	203	4	59	<.3	45	27	793	4.98	<2	5	<2	<2	13	1.4	3	3	68	2.06	.021	<1	69	2.09	8	.42	<3	2.54	.01	.01	<2	7
E 122556	<1	179	5	56	<.3	44	25	748	4.69	2	<5	<2	<2	15	1.2	2	<2	62	1.99	.024	<1	65	1.99	7	.41	<3	2.40	.01	.01	<2	3
E 122557	<1	173	5	50	<.3	37	23	659	4.06	<2	<5	<2	<2	18	1.0	2	<2	55	1.46	.021	<1	58	1.70	4	.42	<3	2.13	.01	<.01	<2	3
E 122558	1	236	10	93	<.3	57	32	903	6.50	<2	<5	<2	<2	11	1.7	<2	<2	65	1.00	.050	<1	57	2.49	6	.61	<3	3.27	<.01	<.01	<2	2
E 122559	<1	250	3	77	<.3	51	27	805	5.54	2	<5	<2	<2	10	1.4	4	3	61	1.08	.057	<1	53	2.06	3	.54	<3	2.60	<.01	<.01	<2	<2
RE E 122559	<1	236	3	75	<.3	50	27	788	5.42	<2	<5	<2	<2	10	1.5	<2	<2	61	1.09	.055	<1	50	2.03	3	.54	<3	2.56	<.01	<.01	<2	3
RRE E 122559	<1	242	<3	76	.3	51	27	797	5.43	4	<5	<2	<2	11	1.1	<2	<2	61	1.09	.054	<1	50	2.03	3	.56	<3	2.57	<.01	<.01	<2	6
E 125189	<1	224	4	51	<.3	39	23	689	4.23	<2	<5	<2	<2	9	.9	<2	<2	58	1.40	.023	<1	57	1.99	7	.42	<3	2.30	.01	.01	<2	2
E 125190	<1	181	3	58	<.3	45	26	757	4.74	<2	<5	<2	<2	9	1.0	<2	4	61	1.37	.025	<1	60	2.18	9	.41	<3	2.52	.01	.02	<2	<2
E 125191	<1	192	6	56	.3	45	25	799	4.76	2	<5	<2	<2	15	.8	3	2	67	1.66	.024	<1	61	2.23	16	.39	<3	2.51	.01	.04	<2	2
E 125192	<1	203	5	53	<.3	43	24	703	4.35	2	<5	<2	<2	14	.8	5	3	58	1.36	.023	<1	57	2.18	18	.37	<3	2.39	.01	.04	<2	2
E 125193	<1	191	4	57	<.3	45	26	734	4.68	2	<5	<2	<2	13	.7	2	<2	67	1.52	.023	<1	60	2.13	5	.40	<3	2.42	.01	<.01	<2	<2
E 125194	<1	200	16	83	.3	45	26	719	4.63	<2	<5	<2	<2	7	.6	<2	<2	68	1.04	.023	<1	60	2.10	4	.40	<3	2.42	.01	<.01	<2	2
E 125195	<1	181	5	57	<.3	46	27	760	4.68	<2	<5	<2	<2	14	.2	<2	<2	53	1.80	.025	<1	58	2.04	8	.39	<3	2.41	.01	.01	<2	2
RE E 125195	<1	183	6	57	.3	45	26	763	4.69	4	<5	<2	<2	14	.5	<2	3	54	1.83	.025	<1	57	2.04	8	.41	<3	2.43	.01	.01	<2	<2
RRE E 125195	<1	176	3	57	.3	46	27	748	4.67	2	<5	<2	<2	14	.5	<2	4	53	1.78	.024	<1	56	2.04	8	.40	<3	2.42	.01	.01	<2	<2
E 125196	<1	249	3	58	.3	47	26	752	4.76	2	<5	<2	<2	13	.4	<2	<2	60	2.16	.024	<1	60	2.26	16	.42	<3	2.51	.01	.03	<2	6
E 125197	<1	235	<3	63	.3	50	27	785	5.25	2	<5	<2	<2	13	.6	<2	3	80	2.11	.029	<1	67	2.42	11	.49	<3	2.69	.01	.02	<2	2
E 125198	<1	127	<3	60	<.3	44	24	753	4.88	<2	<5	<2	<2	21	.8	<2	2	91	3.04	.024	<1	59	2.18	15	.54	<3	2.51	.01	.03	<2	4
E 125199	1	257	6	106	<.3	66	38	1103	8.28	<2	7	<2	<2	17	1.6	<2	<2	93	1.51	.037	<1	70	3.06	7	.76	<3	3.80	.01	<.01	<2	13
E 125200	<1	169	3	79	<.3	52	32	1017	6.30	<2	<5	<2	<2	41	1.5	<2	<2	81	3.32	.025	<1	71	2.81	13	.51	<3	3.36	.01	.02	<2	4
STANDARD C/AU-R	20	58	37	131	6.5	66	32	1047	3.84	44	13	8	38	51	16.8	19	19	61	.49	.093	40	57	.93	187	.09	27	1.83	.06	.15	12	495

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 3 1995

DATE REPORT MAILED: Nov 16/95

SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-4500 Page

P.O. Box 11611, 350-650 Vancouver, BC V6B 4K7 Submitted by: U. Howe

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	V Au**	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
E 122560	<1	248	5	70	<.3	58	29	918	6.11	8	<5	<2	<2	14	<.2	<2	<2	74	1.13	.052	<1	71	2.13	5	.57	<3	2.68	.04	.01	<2	1
E 122561	<1	93	<3	52	.3	32	17	740	4.34	4	<5	<2	<2	56	<.2	<2	<2	66	3.44	.044	1	40	1.86	27	.24	<3	2.03	.04	.07	<2	<1
E 122562	<1	313	5	86	.3	68	36	1076	7.73	9	<5	<2	<2	22	<.2	<2	<2	79	1.28	.049	1	84	2.65	8	.73	<3	3.28	.01	<.01	<2	3
E 122563	1	273	6	74	.3	58	28	881	6.01	2	<5	<2	<2	13	<.2	<2	<2	78	1.20	.055	<1	73	2.04	4	.72	<3	2.63	.01	<.01	<2	1
E 122564	<1	248	<3	66	.4	52	26	821	5.55	<2	<5	<2	<2	10	<.2	3	<2	80	1.12	.055	<1	68	1.90	3	.74	<3	2.49	.01	<.01	<2	9
E 122565	<1	234	<3	65	.3	52	25	793	5.47	<2	<5	<2	<2	9	<.2	<2	<2	82	1.09	.052	<1	68	1.96	2	.77	<3	2.49	.01	<.01	<2	1
E 122566	<1	222	3	64	.3	56	25	824	5.40	<2	6	<2	<2	9	<.2	<2	<2	77	1.03	.055	<1	67	1.98	2	.68	<3	2.47	.01	<.01	<2	<1
E 122567	<1	233	6	62	.3	55	25	821	5.32	<2	<5	<2	<2	10	<.2	<2	<2	72	.88	.052	1	66	1.92	3	.59	<3	2.40	.02	<.01	<2	2
E 122568	<1	235	<3	61	.3	54	25	806	5.32	<2	5	<2	<2	10	<.2	2	<2	71	.96	.051	<1	63	1.86	2	.58	<3	2.34	.02	<.01	<2	<1
E 122569	<1	251	4	61	.4	46	23	830	5.37	<2	6	<2	<2	14	<.2	2	<2	72	1.43	.052	<1	66	1.77	3	.70	<3	2.33	.02	<.01	<2	3
RE E 122569	<1	245	3	61	.3	46	23	815	5.30	<2	<5	<2	<2	14	<.2	<2	<2	71	1.41	.052	<1	62	1.76	3	.68	<3	2.32	.02	<.01	<2	2
RRE E 122569	1	249	6	63	.4	48	24	843	5.49	<2	5	<2	<2	14	<.2	3	<2	74	1.45	.054	<1	66	1.81	3	.70	<3	2.41	.02	<.01	<2	1
E 122570	1	229	4	64	.4	52	25	834	5.43	<2	<5	<2	<2	12	<.2	<2	<2	72	1.50	.052	<1	64	1.87	2	.72	3	2.43	.01	<.01	<2	1
E 122571	1	269	6	71	.3	61	29	955	6.47	<2	<5	<2	<2	13	<.2	<2	<2	96	.99	.059	<1	80	2.22	3	.69	<3	2.77	.04	<.01	<2	<1
E 122572	1	229	8	61	.3	56	25	872	5.42	<2	6	<2	<2	11	<.2	<2	<2	80	1.03	.050	<1	80	1.96	16	.58	<3	2.46	.03	.02	<2	4
E 122573	1	230	5	65	.3	53	26	911	5.87	<2	<5	<2	<2	18	<.2	2	<2	82	1.53	.054	<1	69	2.00	5	.69	<3	2.54	.02	.01	<2	3
E 122574	<1	237	5	64	.4	52	26	887	5.70	<2	7	<2	<2	17	<.2	<2	<2	86	1.25	.053	1	68	1.97	4	.61	<3	2.43	.02	.01	<2	11
E 122575	<1	230	5	65	.4	52	26	891	5.66	<2	8	<2	<2	15	<.2	3	<2	78	1.21	.053	<1	71	1.93	3	.60	<3	2.50	.01	<.01	<2	2
E 122576	<1	236	<3	70	.3	58	27	969	6.21	<2	7	<2	<2	14	<.2	2	<2	87	.95	.058	<1	77	2.11	3	.68	<3	2.70	.03	<.01	<2	1
E 122577	<1	235	5	66	<.3	55	27	903	5.77	<2	7	<2	<2	14	<.2	<2	<2	71	1.77	.046	<1	62	1.94	5	.68	<3	2.54	.01	.01	<2	2
E 122578	<1	260	3	76	.3	70	33	988	6.85	<2	7	<2	<2	11	<.2	4	<2	82	1.01	.055	<1	76	2.26	4	.70	<3	2.86	.01	<.01	<2	2
E 122579	1	244	6	71	.4	70	32	998	6.98	<2	<5	<2	<2	36	<.2	<2	<2	88	2.38	.050	<1	75	2.31	9	.68	<3	2.70	.02	<.01	<2	1
E 122580	<1	188	3	58	.3	55	25	824	5.33	<2	6	<2	<2	22	<.2	2	<2	70	2.09	.047	<1	68	1.82	10	.57	<3	2.34	.02	.02	<2	5
E 122581	<1	266	5	67	<.3	61	29	908	5.95	<2	6	<2	<2	17	<.2	<2	<2	72	1.64	.052	<1	65	2.05	5	.47	<3	2.56	.02	.01	<2	15
E 122582	1	290	6	76	.4	73	36	1002	7.12	<2	5	<2	<2	16	<.2	<2	<2	84	1.09	.053	<1	75	2.34	5	.53	3	2.93	.02	.01	<2	4
E 122583	<1	259	3	60	.3	60	27	820	5.33	<2	6	<2	<2	11	<.2	<2	<2	72	1.08	.053	<1	63	1.80	3	.51	<3	2.33	.03	.01	<2	1
RE E 122583	<1	261	7	58	<.3	58	27	810	5.25	3	8	<2	<2	11	<.2	3	<2	70	1.06	.052	<1	62	1.77	3	.50	<3	2.29	.03	.01	<2	<1
RRE E 122583	<1	260	<3	59	.3	59	27	806	5.25	<2	7	<2	<2	11	<.2	<2	<2	70	1.05	.052	<1	65	1.77	3	.49	<3	2.29	.03	.01	<2	1
E 122584	1	214	<3	58	.3	51	23	795	5.11	<2	5	<2	<2	13	<.2	<2	<2	69	1.34	.046	<1	60	1.77	5	.50	<3	2.28	.02	.01	<2	<1
E 122585	1	209	4	65	.4	56	27	914	5.93	<2	8	<2	<2	27	<.2	<2	<2	82	1.85	.052	<1	73	2.16	7	.56	<3	2.57	.02	.01	<2	<1
E 122586	<1	104	<3	31	<.3	47	20	506	2.90	<2	8	<2	<2	9	<.2	<2	<2	35	.82	.011	<1	39	1.64	5	.18	<3	1.75	.02	.01	<2	<1
E 122587	<1	234	3	55	.3	42	20	798	5.02	<2	12	<2	<2	8	<.2	<2	<2	101	1.26	.052	1	106	1.65	3	.61	<3	2.18	.04	<.01	<2	<1
E 122588	2	500	3	59	.3	39	20	851	5.19	<2	6	<2	<2	9	<.2	<2	<2	106	1.64	.059	1	102	1.55	2	.59	<3	2.14	.04	<.01	<2	12
E 122589	<1	278	<3	58	.3	38	19	822	4.92	<2	10	<2	<2	15	<.2	<2	<2	96	1.55	.065	<1	90	1.65	2	.65	<3	2.06	.04	<.01	<2	5
E 122590	1	327	5	74	.3	38	23	924	6.05	<2	13	<2	<2	12	<.2	2	<2	120	1.32	.070	2	79	1.74	2	.57	<3	2.48	.03	<.01	<2	3
E 122591	1	272	4	67	.3	36	22	848	5.40	<2	11	<2	<2	37	<.2	<2	<2	111	1.77	.072	2	69	1.49	22	.58	<3	2.15	.04	.01	<2	3
E 122592	<1	300	6	57	<.3	39	19	801	4.93	<2	7	<2	<2	12	<.2	<2	<2	98	1.49	.059	<1	102	1.46	3	.58	<3	2.05	.04	<.01	<2	2
STANDARD C/AU-R	19	57	36	120	6.1	67	32	1096	3.86	38	26	7	36	49	17.2	19	18	64	.48	.091	38	67	.88	178	.08	27	1.81	.06	.14	12	485

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB. - SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE. Samples beginning 'RE' are Retuns and 'RRE' are Reject Retuns.

DATE RECEIVED: NOV 9 1995 DATE REPORT MAILED: Nov 20/95 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

NOV 20 20:55 15:38 ER ACME LABS 004-253-1110 TO HERA RESOURCES



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
E 122593	<1	303	3	71	<.3	37	22	949	6.00	5	6	<2	<2	13	<.2	2	<2	114	1.67	.069	1	74	1.69	2	.59	4	2.40	.03	.01	<2	4
E 122594	1	209	3	67	.3	35	21	863	5.56	5	<5	<2	<2	44	<.2	2	<2	88	2.41	.058	<1	56	1.53	3	.57	5	2.23	.02	.01	<2	4
E 122595	1	232	3	55	<.3	32	17	654	4.19	6	7	<2	<2	42	<.2	<2	<2	87	1.44	.065	1	54	1.18	5	.56	<3	1.76	.03	<.01	<2	4
E 122596	1	336	<3	77	<.3	37	24	996	6.61	5	9	<2	<2	32	.2	2	<2	125	2.34	.075	<1	63	2.00	19	.58	3	2.61	.03	.01	<2	11
E 122597	<1	289	5	75	.3	36	23	935	6.31	6	6	<2	<2	31	<.2	3	<2	112	2.74	.078	<1	62	2.02	31	.62	3	2.51	.03	.04	<2	17
E 122598	1	309	21	121	.4	37	24	966	6.41	5	<5	<2	<2	27	.5	3	<2	121	2.77	.066	<1	63	2.05	17	.71	<3	2.59	.02	.03	<2	14
E 122599	<1	323	5	73	.3	33	22	999	6.13	5	12	<2	<2	24	<.2	3	<2	145	1.60	.068	<1	61	1.66	79	.75	3	2.06	.06	.14	<2	16
E 122600	<1	285	8	72	<.3	40	22	963	6.04	4	8	<2	<2	27	.2	3	<2	136	1.92	.073	2	83	1.68	61	.62	<3	2.15	.06	.10	<2	14
E 122601	1	329	3	78	.5	38	24	1044	6.67	4	10	<2	<2	29	<.2	5	<2	147	2.23	.075	1	75	1.86	56	.71	4	2.35	.04	.10	<2	17
E 122602	<1	297	4	89	.3	38	26	1142	7.21	4	7	<2	<2	26	<.2	4	<2	168	1.99	.075	1	69	2.09	83	.71	4	2.55	.05	.12	<2	18
E 122603	<1	298	7	82	<.3	36	25	1136	6.92	5	6	<2	<2	41	<.2	3	<2	129	2.55	.076	1	62	1.81	86	.61	3	2.30	.05	.14	<2	10
E 122604	2	343	8	83	.3	42	26	1040	6.74	3	9	<2	<2	20	.2	2	<2	130	1.18	.072	1	87	2.00	74	.71	4	2.58	.04	.07	<2	17
E 122605	<1	250	3	68	<.3	45	23	904	5.86	4	5	<2	<2	20	.2	2	<2	131	1.95	.058	<1	112	1.83	33	.70	<3	2.36	.04	.04	<2	43
RE E 122605	1	249	6	69	<.3	45	23	915	5.94	3	<5	<2	<2	20	.2	2	<2	132	1.97	.059	<1	115	1.84	33	.70	<3	2.38	.04	.04	<2	71
RRE E 122605	1	255	4	70	.4	46	24	950	6.09	5	10	<2	<2	20	<.2	3	<2	136	2.02	.061	1	118	1.90	33	.71	<3	2.45	.04	.04	<2	27
E 122606	<1	285	<3	72	<.3	47	24	945	6.04	3	8	<2	<2	22	<.2	<2	<2	118	1.19	.061	<1	112	1.80	87	.64	<3	2.33	.04	.06	<2	10
E 122607	<1	286	<3	71	<.3	44	23	905	5.80	3	6	<2	<2	19	.3	2	<2	117	1.21	.061	<1	107	1.77	87	.66	<3	2.28	.04	.05	<2	6
E 122608	<1	292	<3	74	.3	46	25	835	5.96	3	6	<2	<2	20	.2	3	<2	111	1.37	.058	<1	100	1.97	5	.57	3	2.51	.02	.01	<2	4
E 122609	<1	274	21	100	.6	41	21	764	5.08	2	<5	<2	<2	15	.3	2	<2	94	1.39	.061	<1	89	1.56	3	.57	<3	2.09	.04	<.01	<2	6
E 122610	1	335	3	79	<.3	43	26	997	6.59	<2	5	<2	<2	25	.2	2	2	111	1.28	.075	1	69	1.80	48	.58	<3	2.49	.04	.03	<2	8
E 122611	1	288	<3	72	<.3	38	22	913	5.79	4	7	<2	<2	16	<.2	3	<2	99	1.29	.073	1	67	1.55	81	.61	3	2.18	.05	.06	<2	8
E 122612	1	289	<3	61	<.3	41	20	743	4.87	3	<5	<2	<2	8	<.2	<2	<2	89	1.03	.066	1	90	1.45	3	.64	<3	2.02	.04	.01	<2	2
E 122613	<1	293	4	57	<.3	39	18	717	4.59	3	<5	<2	<2	10	.2	<2	<2	90	1.07	.063	<1	85	1.33	3	.69	<3	1.90	.04	.01	<2	9
E 122614	1	315	3	64	<.3	45	21	788	5.16	4	5	<2	<2	10	<.2	3	<2	95	1.14	.069	<1	93	1.54	3	.70	3	2.14	.04	.01	<2	4
E 122615	2	372	3	67	<.3	46	22	818	5.49	2	<5	<2	<2	9	.2	2	<2	96	.98	.073	1	76	1.66	3	.66	<3	2.28	.04	.01	<2	5
E 122616	<1	245	3	55	<.3	43	19	730	4.57	2	<5	<2	<2	10	<.2	<2	<2	93	1.06	.063	1	90	1.45	3	.58	<3	1.95	.05	.01	<2	6
RE E 122616	<1	236	4	54	<.3	41	19	717	4.45	<2	8	<2	<2	10	.2	2	<2	91	1.03	.062	1	90	1.41	2	.59	<3	1.90	.05	.01	<2	5
RRE E 122616	<1	239	4	53	<.3	41	18	709	4.41	<2	5	<2	<2	10	<.2	<2	<2	92	1.06	.061	1	88	1.40	3	.61	<3	1.90	.05	.01	<2	16
E 122617	<1	286	<3	57	<.3	37	18	712	4.53	<2	5	<2	<2	12	.2	<2	<2	87	1.05	.063	1	79	1.36	4	.68	3	1.90	.04	.01	<2	12
E 122618	1	289	4	59	.3	39	20	722	4.69	<2	6	<2	<2	10	.2	2	<2	93	.92	.066	1	84	1.36	4	.62	4	1.94	.04	.01	<2	4
E 122619	<1	294	<3	57	<.3	36	18	714	4.62	<2	6	<2	<2	11	.2	2	<2	95	.91	.067	1	78	1.31	5	.69	<3	1.90	.05	.01	<2	7
E 122620	1	300	4	62	<.3	42	20	749	4.94	<2	<5	<2	<2	12	<.2	<2	<2	91	.98	.068	<1	80	1.44	5	.61	<3	2.01	.04	.01	<2	3
E 122621	<1	285	4	56	<.3	46	21	739	4.78	3	7	<2	<2	10	.2	3	2	86	1.01	.066	2	76	1.46	2	.57	5	2.01	.04	.01	<2	17
E 122622	<1	280	3	54	<.3	41	19	672	4.35	<2	<5	<2	<2	12	.2	<2	<2	76	.84	.067	1	75	1.33	2	.57	<3	1.85	.04	<.01	<2	12
E 122623	1	288	4	59	<.3	37	19	736	4.82	<2	<5	<2	<2	11	<.2	<2	<2	89	.95	.067	1	88	1.39	3	.72	<3	1.98	.05	.01	<2	11
E 122624	<1	293	4	59	<.3	43	19	750	4.91	<2	<5	<2	<2	11	<.2	2	<2	94	1.38	.065	<1	86	1.43	5	.85	3	2.04	.04	.01	<2	5
E 122625	<1	293	<3	66	<.3	40	20	774	5.19	<2	<5	<2	<2	12	.3	2	<2	97	1.05	.066	<1	85	1.54	2	.83	<3	2.17	.05	<.01	<2	4
STANDARD C/AU-R	20	61	36	122	6.2	69	32	1107	3.98	44	19	7	37	50	18.1	20	16	59	.49	.092	39	58	.90	171	.08	25	1.83	.06	.14	11	489

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Mi ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	U ppm	Au** ppb
E 122626	1	299	<3	62	<.3	46	21	805	5.24	<2	6	<2	<2	11	<.2	<2	<2	107	1.39	.065	1	78	1.57	3	.84	<3	2.19	.03	.01	<2	2
E 122627	3	286	4	72	.4	45	24	900	6.14	2	8	2	<2	9	.2	2	<2	119	1.43	.067	<1	98	1.81	2	.78	<3	2.50	.03	.01	<2	3
E 122628	1	305	4	69	<.3	44	23	847	5.60	<2	6	<2	<2	9	<.2	<2	<2	114	1.40	.069	<1	85	1.74	3	.79	<3	2.37	.03	.01	<2	3
E 122629	1	369	8	64	<.3	47	23	801	5.34	<2	<5	<2	<2	11	<.2	<2	<2	104	1.46	.047	<1	90	1.96	2	.71	<3	2.46	.03	.01	<2	2
E 122630	<1	170	3	31	<.3	60	22	536	3.16	<2	<5	<2	<2	19	<.2	<2	<2	45	1.65	.010	<1	69	2.14	6	.29	<3	2.09	.02	.02	<2	<2
E 122631	<1	156	<3	36	<.3	64	23	531	3.07	<2	<5	<2	<2	14	.2	<2	<2	41	1.22	.014	<1	52	2.21	11	.33	<3	2.14	.02	.04	<2	<2
E 122632	1	311	5	58	<.3	63	29	786	4.88	<2	<5	<2	<2	19	.2	<2	<2	74	1.66	.037	1	51	2.69	3	.55	<3	2.75	.02	.01	<2	3
E 122633	1	269	5	63	<.3	53	27	742	5.07	<2	<5	<2	<2	20	<.2	<2	<2	100	1.47	.043	1	45	2.25	5	.57	<3	2.59	.01	.02	<2	2
E 122634	1	140	5	30	<.3	58	23	501	2.79	<2	<5	<2	<2	33	.2	<2	<2	34	1.92	.005	<1	39	2.08	8	.15	<3	2.06	.01	.03	<2	11
E 122635	<1	109	<3	34	<.3	62	25	552	3.03	<2	<5	<2	<2	27	.4	<2	<2	36	2.23	.005	<1	40	2.39	6	.14	<3	2.19	.01	.03	<2	12
E 122636	<1	122	<3	31	<.3	56	24	540	3.05	<2	<5	<2	<2	17	.2	<2	<2	34	1.37	.006	<1	48	2.12	2	.17	<3	2.12	.02	<.01	<2	3
E 122637	<1	119	3	33	<.3	60	25	538	3.08	<2	<5	<2	<2	17	<.2	<2	<2	30	1.60	.004	<1	49	2.17	2	.16	<3	2.11	.02	.01	<2	5
E 122638	<1	125	<3	32	<.3	44	20	533	2.95	<2	<5	<2	<2	17	<.2	<2	<2	63	1.12	.010	<1	77	1.68	2	.23	<3	1.91	.03	<.01	<2	3
RE E 122638	<1	128	4	32	<.3	44	20	521	2.93	<2	<5	<2	<2	17	<.2	<2	<2	62	1.12	.010	<1	79	1.69	2	.22	<3	1.90	.03	<.01	<2	2
RRE E 122638	<1	120	4	32	<.3	45	21	522	2.97	<2	<5	<2	<2	16	.2	2	<2	40	1.07	.010	1	83	1.71	2	.20	<3	1.90	.03	.01	<2	<2
E 122639	<1	125	<3	27	<.3	39	18	492	2.51	<2	<5	<2	<2	10	<.2	<2	<2	34	1.58	.008	<1	66	1.39	1	.15	<3	1.62	.02	.01	<2	<2
E 122640	1	179	4	28	<.3	40	18	500	2.62	<2	<5	<2	<2	18	<.2	<2	<2	39	1.96	.010	<1	81	1.48	1	.18	<3	1.66	.02	<.01	<2	<2
E 122641	1	96	3	29	.3	44	19	509	2.77	<2	<5	<2	<2	13	<.2	<2	<2	40	1.63	.009	<1	97	1.61	2	.17	3	1.75	.02	<.01	<2	2
E 122642	1	127	3	34	.3	61	23	610	3.32	<2	<5	<2	<2	11	<.2	<2	<2	39	1.96	.008	<1	130	2.11	2	.15	<3	2.06	.02	.01	<2	2
E 122643	2	167	<3	36	.3	55	24	604	3.30	<2	<5	<2	<2	20	<.2	<2	<2	44	2.13	.007	<1	103	2.17	3	.15	<3	2.15	.02	.01	<2	2
E 122644	<1	145	5	42	<.3	66	29	724	4.12	<2	<5	<2	<2	21	<.2	<2	<2	59	2.28	.010	<1	109	2.78	3	.16	<3	2.64	.02	.01	<2	4
STANDARD C/AU-R	19	56	36	118	6.1	66	31	1067	3.79	39	22	7	36	48	17.6	18	20	63	.48	.088	37	59	.87	175	.08	29	1.77	.06	.14	10	511

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

F. 04/07
HERA RESOURCES
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200
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NOV 20 09 10:40 PM HOME LMS

GEOCHEMICAL ANALYSIS CERTIFICATE

Here Resources Inc. PROJECT BORNITE File # 95-4562

P.O. Box 116311, 3501-650 Vancouver, BC V6B 4W7 Submitted by: U. Hout

SAMPLE#	No ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppt
E 122645	2	137	13	50	.5	41	19	555	3.24	<2	<5	<2	<2	23	<.2	<.2	<.2	44	2.72	.010	<.1	78	1.89	7	.17	<3	1.96	.02	.01	<.2	<.2
E 122646	1	144	4	48	.4	55	28	872	5.98	<2	<5	<2	<2	32	.9	<.2	<.2	128	6.76	.009	<.1	146	3.50	6	.04	<3	3.33	.02	.02	<.2	5
E 122647	1	133	3	49	<.3	64	27	753	4.95	<2	<5	<2	<2	17	.3	<.2	<.2	72	2.45	.009	<.1	100	2.83	3	.17	<3	2.77	.02	.01	<.2	<.2
E 122648	2	129	<3	36	<.3	94	25	601	3.77	<2	<5	<2	<2	15	<.2	<.2	<.2	45	1.94	.010	<.1	228	2.86	4	.13	<3	2.49	.02	<.01	<.2	3
E 122649	<.1	100	5	31	<.3	83	22	493	3.02	<2	<5	<2	<2	33	<.2	<.2	<.2	30	2.16	.010	<.1	141	2.39	6	.13	<3	2.17	.02	.01	<.2	13
E 122650	<.1	103	5	36	<.3	84	26	553	3.53	<2	<5	<2	<2	30	<.2	<.2	<.2	32	2.47	.006	<.1	60	2.78	7	.13	<3	2.46	.01	.02	<.2	<.2
E 122651	<.1	266	<3	39	<.3	46	22	565	3.41	<2	<5	<2	<2	28	.2	<.2	<.2	42	2.17	.011	<.1	68	1.78	10	.09	<3	1.76	.02	.01	<.2	2
E 122652	1	134	3	36	.3	74	25	561	3.44	<2	5	<.2	<.2	12	.2	<.2	<.2	32	1.60	.007	<.1	70	2.46	4	.14	<3	2.28	.02	.01	<.2	3
E 122653	<.1	186	<3	34	<.3	41	18	502	3.04	<2	<5	<2	<2	14	.3	<.2	<.2	43	1.54	.010	<.1	68	1.62	3	.15	4	1.76	.02	<.01	<.2	4
E 122654	<.1	307	<3	78	.3	65	31	741	6.28	<2	<5	<2	<2	23	.2	<.2	<.2	80	2.13	.057	<.1	72	2.75	6	.55	3	3.01	.01	.01	<.2	<.2
E 122655	1	123	5	56	.3	51	29	847	4.70	7	<.5	<.2	<.2	48	.2	4	<.2	60	7.79	.014	<.1	60	2.34	4	.30	3	2.41	.01	.01	<.2	2
E 122656	<.1	34	<3	55	<.3	47	25	554	4.07	<2	<5	<2	<2	22	<.2	<.2	<.2	49	1.36	.019	<.1	76	2.18	4	.16	<3	2.25	.01	<.01	<.2	<.2
RE E 122656	<.1	32	3	54	<.3	46	25	551	3.97	<2	5	<.2	<.2	22	.2	<.2	<.2	49	1.33	.019	<.1	72	2.14	4	.16	<3	2.21	.01	<.01	<.2	<.2
RRE E 122656	<.1	32	<3	54	<.3	46	25	544	3.97	<2	<5	<2	<2	21	.2	<.2	<.2	47	1.27	.019	<.1	74	2.14	4	.16	<3	2.19	.01	<.01	<.2	<.2
E 122657	1	8	4	46	<.3	17	11	456	2.62	<2	<5	<2	<2	38	<.2	<.2	<.2	25	2.24	.044	1	16	1.39	25	.08	<3	1.63	.04	.10	<.2	<.2
E 122658	<.1	107	3	56	<.3	47	25	604	4.00	<2	5	<.2	<.2	18	.2	<.2	<.2	48	1.29	.012	<.1	79	2.44	4	.16	<3	2.38	.02	<.01	<.2	<.2
E 122659	<.1	124	4	47	<.3	47	24	596	3.89	<2	<5	<2	<2	18	<.2	<.2	<.2	48	2.03	.014	<.1	72	2.41	2	.33	<3	2.45	.01	.01	<.2	<.2
E 122660	1	121	4	30	<.3	47	20	449	2.78	<2	<5	<2	<2	21	<.2	<.2	2	39	1.62	.008	<.1	57	1.94	4	.19	<3	1.94	.02	<.01	<.2	6
E 122661	<.1	120	<3	42	<.3	46	23	580	3.69	<2	<5	<2	<2	14	<.2	<.2	<.2	49	1.10	.010	<.1	44	2.47	2	.30	<3	2.34	.02	<.01	<.2	5
E 122662	1	116	3	32	<.3	63	23	502	3.06	<2	5	<.2	<.2	12	<.2	2	<.2	31	1.49	.007	<.1	61	2.53	2	.18	<3	2.23	.02	.01	<.2	5
E 122663	<.1	123	4	35	<.3	67	24	478	2.94	<2	<5	<2	<2	20	<.2	<.2	<.2	30	1.76	.005	<.1	64	2.66	4	.17	<3	2.34	.02	.01	<.2	9
E 122664	1	90	<3	29	<.3	62	22	401	2.48	<2	<5	<2	<2	26	<.2	<.2	<.2	24	1.40	.005	<.1	49	2.18	2	.16	<3	2.02	.01	.01	<.2	5
E 122665	1	180	<3	33	<.3	63	24	476	2.91	2	<.5	<.2	<.2	34	<.2	<.2	<.2	30	1.27	.007	<.1	56	2.68	4	.17	<3	2.38	.01	.01	<.2	10
E 122666	1	91	<3	27	<.3	59	21	393	2.41	<2	<5	<2	<2	26	.2	<.2	<.2	25	1.13	.007	<.1	46	2.11	4	.16	<3	2.01	.01	.02	<.2	4
RE E 122666	1	88	3	26	<.3	58	20	390	2.39	<2	6	<.2	<.2	26	<.2	<.2	<.2	25	1.13	.007	<.1	49	2.09	4	.16	3	2.00	.01	.02	<.2	6
RRE E 122666	<.1	91	<3	35	<.3	60	21	396	2.47	<2	<5	<2	<2	26	<.2	<.2	<.2	25	1.10	.006	<.1	47	2.15	4	.16	<3	2.04	.01	.02	<.2	6
E 122667	<.1	88	<3	26	<.3	50	19	391	2.45	<2	5	<.2	<.2	11	<.2	<.2	<.2	27	.75	.007	<.1	44	2.00	2	.18	<3	1.86	.02	.01	<.2	5
E 122668	<.1	139	<3	32	<.3	60	23	485	3.10	<2	<5	<2	<2	9	.2	2	<.2	28	1.02	.007	<.1	52	2.47	1	.19	<3	2.23	.02	.01	<.2	7
E 122669	<.1	179	<3	27	<.3	53	21	430	2.73	<2	<5	<2	<2	15	<.2	<.2	<.2	25	1.13	.008	<.1	48	2.07	2	.17	<3	1.95	.02	.01	<.2	7
E 122670	<.1	196	3	32	<.3	57	20	456	3.01	<2	<5	<2	<2	16	<.2	<.2	<.2	30	1.38	.013	<.1	52	2.15	2	.33	<3	2.05	.01	.01	<.2	5
E 122671	1	261	<3	38	.3	62	24	546	3.79	<2	6	<.2	<.2	7	<.2	<.2	<.2	42	.89	.018	<.1	64	2.68	1	.37	<3	2.46	.02	<.01	<.2	<.2
E 122672	<.1	163	<3	31	<.3	59	23	563	3.46	<2	<5	<2	<2	19	<.2	<.2	<.2	38	2.43	.009	<.1	68	2.40	4	.17	<3	2.10	.03	<.01	<.2	3
E 122673	1	136	5	29	.3	53	21	446	2.79	<2	<5	<2	<2	13	<.2	<.2	<.2	26	1.11	.008	<.1	50	2.04	2	.15	<3	1.90	.02	<.01	<.2	6
E 122674	<.1	146	<3	28	<.3	52	21	444	2.73	<2	<5	<2	<2	12	<.2	<.2	<.2	26	.94	.008	<.1	48	2.09	1	.16	<3	1.94	.02	<.01	<.2	20
E 122675	<.1	151	<3	35	<.3	54	23	579	3.60	<2	<5	<2	<2	14	.2	<.2	<.2	49	2.31	.011	<.1	69	2.50	2	.20	<3	2.24	.02	<.01	<.2	7
STANDARD C/AU-R	20	61	36	127	6.7	65	30	1043	4.15	40	22	7	39	52	19.1	18	16	62	.52	.096	43	57	.94	173	.08	30	1.91	.06	.15	10	495

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 8 1995 DATE REPORT MAILED: SIGNED BY:.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

Hera Resources Inc. PROJECT BORNITE File # 95-4530

P.O. Box 11611 550 1 650 Vancouver BC V6B 4M7 Submitted by: U. Kowat

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
E 122692	10	65	27	143	.6	38	13	1006	3.13	<2	<5	<2	6	132	1.5	<2	<2	18	2.28	.058	19	17	.96	93	.05	<3	1.13	.01	.22	<2	6
E 122693	7	59	13	107	<.3	32	12	889	2.94	<2	<5	<2	5	147	1.2	<2	2	16	2.60	.054	18	18	1.08	86	.05	<3	1.25	.01	.21	<2	5
E 122694	4	47	11	79	<.3	23	10	884	2.42	<2	<5	<2	6	143	.6	2	<2	11	2.44	.047	16	14	.97	88	.03	<3	1.18	.01	.22	<2	2
E 122695	5	52	15	96	<.3	29	10	1056	2.55	3	<5	<2	6	216	1.0	3	4	15	3.45	.042	15	18	1.11	75	.01	<3	1.27	.01	.23	<2	6
E 122696	6	102	8	126	<.3	36	10	420	3.30	<2	<5	<2	6	28	1.5	<2	<2	18	.44	.027	11	20	1.15	88	<.01	<3	1.33	.01	.22	<2	4
RE E 122696	5	102	14	129	<.3	35	10	424	3.33	<2	<5	<2	5	28	1.7	2	2	18	.44	.028	12	21	1.15	91	<.01	<3	1.36	.01	.23	<2	3

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
 Samples beginning 'RE' are Returns and 'RRE' are Reject Returns.

DATE RECEIVED: NOV 7 1995

DATE REPORT MAILED: Nov 20/95

SIGNED BY: *C. Long* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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GEOCHEMICAL ANALYSIS CERTIFICATE

Meta Resources Inc. PROJECT BORNITE File # 95-1605 Page 1

P.O. Box 1161, 350 - 150, Vancouver, B.C. V6C 4W7 Sampled by: J. Wang

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	U ppm	Au** ppb
E 122676	2	349	4	94	.4	71	39	1210	6.60	<2	<5	<2	<2	21	<2	4	<2	140	2.16	.059	1	66	2.70	6	.78	<3	3.23	.02	.01	<2	2
E 122677	3	25	<3	74	<.3	9	21	865	4.89	<2	<5	<2	<2	52	<2	3	<2	105	2.41	.148	18	22	2.06	57	.49	<3	2.07	.07	.07	<2	2
E 122678	3	9	6	83	<.3	5	24	1058	5.47	<2	<5	<2	<2	73	<2	5	<2	98	3.95	.162	22	31	2.22	45	.21	4	2.11	.06	.06	<2	3
E 122679	1	108	<3	51	<.3	100	40	754	3.83	<2	<5	<2	<2	39	<2	<2	<2	48	2.19	.009	<1	51	3.44	17	.14	<3	3.04	.02	.02	<2	6
E 122680	2	75	9	46	.3	16	3	64	3.06	3	<5	<2	2	5	<2	2	<2	15	.13	.024	6	19	.30	39	.01	<3	.59	.01	.06	3	4
E 122681	2	73	6	90	<.3	27	7	68	1.33	<2	<5	<2	3	9	.6	<2	<2	8	.16	.028	8	8	.63	65	.02	3	.60	.01	.09	<2	2
E 122682	3	56	11	55	<.3	26	7	174	1.12	<2	<5	<2	<2	64	<2	<2	<2	7	.86	.014	3	8	.54	53	.02	<3	.51	.01	.07	<2	1
E 122683	2	55	8	52	.3	26	5	338	1.09	<2	<5	<2	2	228	.3	<2	<2	5	2.29	.023	6	10	.26	54	<.01	<3	.34	.01	.09	<2	10
E 122684	4	17	4	99	<.3	59	46	1110	7.47	<2	<5	<2	<2	120	<2	<2	<2	104	1.78	.105	10	27	5.09	274	.11	<3	4.69	.14	.09	<2	3
E 122685	1	84	10	54	.4	28	8	265	1.74	3	<5	<2	4	64	.2	2	<2	10	1.12	.031	10	11	.74	84	.01	3	.77	.02	.12	<2	3
RE E 122685	3	87	9	56	<.3	28	8	262	1.75	3	<5	<2	4	65	.2	3	<2	9	1.15	.032	10	11	.74	85	.01	<3	.77	.01	.12	<2	4
RRE E 122685	3	90	11	56	.3	30	8	272	1.86	2	<5	<2	4	67	<.2	2	<2	10	1.17	.032	11	14	.75	93	.01	<3	.79	.02	.13	<2	1
E 122686	1	62	8	49	<.3	20	6	214	1.36	<2	<5	<2	3	67	.2	2	<2	9	1.10	.022	7	13	.68	68	.01	<3	.66	.01	.10	<2	4
E 122687	4	81	7	41	<.3	21	5	128	1.34	2	<5	<2	2	68	.2	<2	<2	7	.97	.017	4	11	.50	65	<.01	<3	.50	.01	.11	<2	1
E 122688	3	64	10	47	.3	21	6	218	1.18	<2	<5	<2	<2	59	.3	<2	<2	6	1.43	.014	3	11	.37	55	<.01	<3	.43	<.01	.09	<2	5
E 122689	8	100	11	89	.4	36	10	387	2.59	<2	5	<2	4	76	.7	3	<2	15	1.60	.037	12	16	.76	79	.03	3	.86	.01	.14	<2	7
E 122690	8	94	11	145	.4	55	22	1124	4.47	<2	<5	<2	4	170	.3	<2	<2	31	3.31	.077	15	26	1.42	90	.09	<3	1.54	.01	.16	<2	7
E 122691	9	72	11	141	.3	58	19	1306	3.83	<2	<5	<2	8	131	.6	<2	<2	24	2.44	.071	24	24	1.33	95	.07	<3	1.54	.01	.19	<2	8
E 122697	9	103	10	135	.3	53	13	475	3.55	<2	7	<2	6	25	.8	<2	<2	19	.46	.026	10	18	1.18	82	.01	3	1.38	.01	.20	<2	3
E 122698	2	96	12	127	.3	51	16	612	3.69	<2	<5	<2	6	24	<.2	<2	<2	18	.51	.024	12	22	1.50	100	.01	<3	1.70	.02	.24	<2	3
E 122699	19	111	13	138	.3	53	12	422	3.07	<2	6	<2	4	35	1.0	<2	<2	18	.63	.022	6	19	.97	69	.01	<3	1.10	.02	.18	<2	3
E 122700	3	76	11	81	<.3	33	11	454	1.88	4	<5	<2	<2	77	.3	<2	<2	12	1.34	.035	3	14	.54	51	<.01	<3	.68	.01	.14	<2	3
RE E 122700	3	81	14	82	<.3	34	14	475	1.96	8	<5	<2	2	80	.4	2	<2	12	1.40	.037	4	15	.56	53	<.01	<3	.69	.01	.14	<2	3
RRE E 122700	4	79	14	76	.3	34	12	486	1.93	6	<5	<2	2	83	.5	2	<2	11	1.45	.035	3	15	.52	47	<.01	3	.64	.01	.13	<2	3
E 122701	7	96	15	80	<.3	40	11	408	2.50	<2	<5	<2	3	32	.4	2	<2	11	.67	.017	7	17	.77	64	.01	<3	.97	.01	.18	<2	4
E 122702	3	96	18	71	<.3	35	11	266	2.66	10	<5	<2	6	25	<.2	<2	<2	13	.31	.025	14	12	.90	88	.05	<3	1.26	.02	.35	<2	3
E 122703	9	78	11	104	.3	43	9	331	1.96	<2	<5	<2	4	22	.9	2	<2	11	.44	.027	6	13	.59	68	.01	<3	.76	.01	.17	<2	6
E 122704	15	115	10	159	.3	52	13	396	2.37	2	<5	<2	2	52	1.6	2	<2	12	.85	.032	2	14	.48	59	<.01	<3	.56	.01	.14	<2	3
E 122705	4	87	9	91	<.3	28	8	393	1.91	3	<5	<2	<2	373	.8	<2	<2	10	4.93	.026	2	10	.47	48	<.01	<3	.41	.01	.13	<2	3
E 122706	8	93	8	162	.4	40	11	546	2.56	<2	<5	<2	4	76	1.4	3	<2	10	1.15	.028	6	12	.66	76	<.01	<3	.76	.01	.19	<2	6
E 122707	16	92	8	366	.4	39	10	665	2.99	<2	<5	<2	2	99	4.4	<2	<2	15	1.46	.054	6	9	.46	74	<.01	<3	.60	.02	.17	<2	7
E 122708	11	86	9	257	.5	23	10	843	3.37	<2	<5	<2	2	97	2.8	<2	<2	14	1.90	.055	5	8	.62	57	<.01	<3	.79	.03	.12	<2	9
E 122709	6	106	14	147	.6	49	13	497	3.15	<2	<5	<2	4	40	1.1	2	<2	14	.69	.023	11	19	.96	80	<.01	<3	1.16	.01	.18	3	13
E 122710	15	73	12	751	.7	31	7	1538	2.13	<2	<5	<2	2	220	11.1	2	<2	16	4.37	.113	6	10	.42	65	<.01	<3	.49	.02	.14	2	8
E 122711	6	73	10	180	.7	20	6	857	2.08	3	<5	<2	2	144	2.2	3	<2	14	2.87	.040	5	9	.27	71	<.01	4	.54	.03	.14	<2	6
E 122712	17	132	10	491	1.1	40	12	860	3.65	3	<5	<2	2	142	5.9	3	<2	27	2.51	.061	5	13	.50	80	<.01	<3	1.06	.02	.17	<2	15
E 122713	26	108	9	925	1.0	45	9	723	2.86	18	<5	<2	2	136	14.3	2	<2	26	2.67	.066	6	16	.38	77	<.01	<3	.80	.02	.17	<2	14
STANDARD C/AU-R	23	62	44	141	6.7	79	40	1205	4.06	46	17	8	40	55	22.1	24	18	67	.56	.100	42	60	.98	203	.09	26	2.03	.06	.15	12	487

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 30 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB. SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GR SAMPLE. Samples beginning 'RE' are Returns and 'RRE' are Reject Returns.

DATE RECEIVED: NOV 9 1995 DATE REPORT MAILED: Nov 20/95 SIGNED BY: C. Wang D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



Hera Resources Inc. PROJECT BORNITE FILE # 95-4605



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au ¹⁴	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	
E 122714	11	92	9	277	.7	26	8	759	3.28	5	<5	<2	2	143	3.4	<2	<2	17	2.43	.044	5	12	.52	77	<.01	<3	.90	.03	.17	2	12	
E 122715	13	97	10	430	.6	29	8	702	3.21	6	6	<2	3	144	5.1	<2	<2	20	2.40	.049	9	14	.48	91	<.01	<3	.82	.03	.19	<2	6	
E 122716	7	47	12	98	<.3	15	6	776	2.24	<2	7	<2	7	117	.8	<2	<2	12	1.97	.044	14	10	.48	93	.01	4	.61	.03	.17	<2	1	
E 122717	6	22	14	60	<.3	7	3	304	1.49	<2	14	<2	12	55	.2	<2	<2	6	.65	.023	19	7	.39	115	.01	<3	.74	.05	.22	<2	2	
E 122718	8	85	12	324	.8	25	7	646	2.86	6	6	<2	3	119	4.8	<2	<2	18	1.92	.042	6	9	.45	99	<.01	<3	.65	.02	.20	<2	7	
E 122719	19	118	7	913	1.0	39	5	329	2.02	2	18	<2	4	71	15.0	<2	<2	29	1.21	.052	10	11	.18	77	<.01	3	.46	.02	.19	<2	6	
E 122720	6	14	7	56	<.3	6	2	235	1.34	<2	5	<2	<2	105	.7	<2	<2	5	1.57	.019	6	3	.21	71	<.01	3	.67	.06	.20	<2	3	
E 122721	13	100	7	438	1.0	23	5	708	2.22	<2	<5	<2	2	179	7.6	<2	<2	22	3.83	.044	7	9	.25	65	<.01	<3	.48	.02	.16	<2	8	
E 122722	9	75	9	311	.9	20	5	900	2.34	3	<5	<2	2	245	5.4	<2	<2	20	5.19	.049	5	8	.39	73	<.01	<3	.52	.02	.15	3	11	
E 122723	13	89	15	428	1.0	22	6	739	2.94	<2	<5	<2	2	106	5.1	<2	2	23	2.10	.049	7	8	.37	91	<.01	<3	.53	.04	.19	<2	13	
E 122724	11	123	10	393	1.1	24	8	736	3.28	<2	9	<2	3	104	4.5	<2	<2	27	1.68	.048	10	11	.46	86	.01	<3	.80	.02	.19	<2	7	
E 122725	11	92	8	329	.8	22	7	668	3.08	<2	8	<2	3	85	3.8	<2	<2	27	1.38	.048	10	11	.44	95	.01	<3	.81	.04	.20	<2	7	
RE E 122725	10	96	9	337	.8	23	7	685	3.18	<2	8	<2	2	87	3.9	<2	<2	28	1.42	.049	10	13	.45	98	.01	<3	.84	.04	.21	<2	8	
RRE E 122725	11	95	6	329	.8	22	7	664	3.11	<2	12	<2	3	84	3.8	<2	<2	27	1.39	.048	10	12	.44	97	.01	<3	.83	.04	.21	<2	9	
E 122726	17	143	13	793	1.1	30	7	652	3.07	<2	6	<2	2	85	10.8	<2	<2	36	1.45	.044	10	13	.34	98	.01	<3	.75	.03	.25	<2	5	
E 122727	8	103	6	328	.8	21	6	563	2.87	<2	5	<2	2	64	4.1	<2	<2	22	1.12	.033	9	13	.33	83	<.01	<3	.59	.04	.19	<2	15	
E 122728	10	101	9	483	1.0	23	6	705	2.83	<2	11	<2	3	93	6.1	<2	<2	23	1.63	.042	8	12	.33	85	<.01	<3	.62	.03	.19	<2	2	
E 122729	5	59	6	138	.7	10	4	1136	2.55	<2	<5	<2	2	163	1.4	<2	<2	15	3.74	.040	5	7	.32	68	<.01	<3	.60	.04	.15	<2	12	
E 122730	13	112	11	522	.9	24	6	854	2.83	<2	<5	<2	2	119	6.3	<2	<2	30	2.22	.051	10	13	.35	96	.01	<3	.58	.03	.23	<2	12	
E 122731	12	83	8	360	1.0	21	6	703	2.75	<2	9	<2	3	97	5.2	<2	<2	22	1.94	.052	10	8	.34	90	<.01	<3	.49	.03	.19	<2	11	
E 122732	12	124	10	534	1.1	31	7	569	2.78	<2	7	<2	2	81	8.9	<2	<2	28	1.81	.048	7	10	.26	84	<.01	<3	.51	.02	.21	<2	18	
E 122733	13	86	9	524	1.0	24	6	624	2.65	9	11	<2	2	92	7.7	2	2	25	1.73	.053	7	12	.33	87	<.01	3	.55	.02	.19	<2	9	
E 122734	13	113	8	651	1.1	27	7	585	3.04	18	9	<2	3	60	8.1	<2	<2	37	1.22	.046	11	15	.34	84	.08	<3	.66	.03	.24	<2	14	
E 122735	13	93	8	352	.6	25	6	612	2.61	3	<5	<2	3	88	4.9	<2	2	30	1.86	.048	10	12	.33	88	.06	<3	.70	.02	.29	<2	4	
RE E 122735	12	91	9	343	.9	24	7	597	2.52	5	10	<2	3	85	4.9	<2	2	30	1.80	.046	10	14	.32	84	.06	3	.67	.02	.29	<2	8	
RRE E 122735	12	93	7	346	.6	25	6	603	2.59	4	5	<2	2	87	5.0	<2	<2	30	1.85	.047	11	12	.33	88	.06	<3	.70	.02	.30	<2	8	
E 122736	9	104	10	320	.6	22	7	551	3.18	10	8	<2	2	63	3.6	<2	<2	38	1.29	.056	12	13	.42	84	.14	<3	.80	.03	.30	<2	11	
E 122737	9	77	11	224	.4	21	7	656	2.81	<2	10	<2	5	87	2.2	<2	<2	31	1.59	.047	14	15	.56	110	.08	<3	1.05	.03	.41	<2	8	
E 122738	8	58	9	92	<.3	17	6	518	2.35	<2	7	<2	8	110	.6	<2	<2	11	1.91	.037	16	5	.41	105	<.02	<3	.76	.03	.29	<2	3	
E 122739	7	51	14	93	<.3	13	5	478	2.21	<2	<5	<2	7	147	.7	<2	<2	7	2.27	.038	14	8	.31	106	<.01	<3	.66	.03	.25	<2	6	
E 122740	15	85	9	179	.5	40	8	699	3.23	2	<5	<2	3	179	1.7	<2	2	27	3.75	.061	10	13	.63	114	.03	3	1.05	.02	.55	<2	6	
E 122741	3	64	6	112	<.3	69	9	459	3.63	<2	6	<2	3	81	<.2	<2	<2	53	1.68	.046	11	38	1.40	118	.13	<3	1.78	.02	1.41	<2	8	
E 122742	15	77	6	188	.3	37	7	634	3.08	19	<5	<2	2	203	1.9	<2	3	25	4.14	.059	11	10	.58	117	.04	<3	.99	.02	.55	<2	8	
E 122743	11	63	13	115	<.3	21	7	559	2.65	3	<5	<2	7	148	.9	<2	<2	17	2.08	.044	15	11	.47	134	.01	3	.81	.03	.39	<2	10	
E 122744	13	61	14	103	<.3	13	6	746	2.37	10	<5	<2	8	161	1.3	<2	2	23	1.97	.073	15	10	.40	114	.02	<3	.86	.04	.35	<2	2	
E 122745	7	68	6	154	<.3	28	9	709	3.39	21	<5	<2	4	83	.8	<2	<2	43	1.40	.051	14	20	.80	137	.05	<3	1.37	.03	.76	<2	6	
E 122746 not received	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STANDARD C/AU-R	20	59	36	129	6.5	65	31	1072	4.07	38	26	7	39	52	18.8	18	20	61	.51	.095	41	58	.93	190	.08	24	1.90	.06	.15	11	488	

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	No	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ce	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	V	Al ³⁺
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
E 122747	<1	10	<3	<1	.3	1653	103	778	4.96	7	5	<2	3	9	<2	6	2	16	.54	.003	<1	461	16.27	6	<.01	152	.18	<.01	.01	<2	10
E 122748	<1	31	<3	<1	.3	1539	88	553	6.00	<2	<5	<2	2	8	<2	7	<2	21	.52	.002	<1	569	16.28	4	<.01	122	.22	<.01	<.01	<2	1
E 122749	<1	2	<3	<1	.4	1641	98	747	5.28	4	<5	<2	3	26	<2	7	<2	17	.33	.003	<1	668	18.95	6	<.01	216	.20	<.01	<.01	<2	1
RE E 122749	<1	2	<3	<1	.5	1661	99	730	5.01	4	<5	<2	5	27	<2	8	2	17	.33	.003	<1	653	19.04	6	<.01	214	.20	<.01	<.01	<2	<1

Sample type: CORE. Samples beginning 'RE' are Retuns and 'RRE' are Reject Retuns.



GEOCHEMICAL ANALYSIS CERTIFICATE

Hera Resources Inc. PROJECT BORNITE File # 95-4618 Page 1

P.O. Box 11611, 350 - 650 Vancouver, BC V6A 4K7

Submitted by: (U) Nova



SAMPLE#	No	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
E 122746	<1	6	4	17	<.3	1926	73	716	4.50	6	<5	<2	<2	11	<.2	2	<2	13	.67	.002	<1	769	15.24	3	<.01	130	.19	<.01	<.01	<2	2
E 122750	<1	5	4	22	<.3	2010	79	862	3.70	3	<5	<2	<2	18	<.2	4	<2	7	.47	.005	1	286	19.55	5	<.01	363	.19	.01	<.01	<2	2
E 125801	<1	13	<3	49	<.3	58	21	616	4.24	<2	<5	<2	<2	133	.4	<2	<2	37	1.97	.083	7	28	3.87	47	.10	4	2.90	.24	.14	<2	<1
E 125802	<1	41	3	77	<.3	82	24	732	3.77	<2	<5	<2	<2	91	.3	<2	<2	29	.70	.020	<1	21	3.51	537	.16	<3	3.68	.07	2.81	<2	3
E 125803	<1	5	<3	24	<.3	1700	70	497	3.78	2	<5	<2	<2	5	<.2	2	<2	9	.11	.012	1	425	13.09	19	<.01	69	.78	<.01	.04	<2	5
E 125804	<1	8	3	23	<.3	1957	69	643	4.78	4	<5	<2	<2	30	<.2	2	<2	10	.40	.003	1	599	16.00	26	<.01	229	.24	<.01	.08	<2	5
E 125805	<1	4	3	19	<.3	1940	78	744	3.88	3	<5	<2	<2	3	<.2	2	<2	9	.20	.001	1	864	18.02	3	<.01	192	.11	<.01	<.01	<2	6
E 125806	<1	9	<3	18	1.2	1745	66	696	3.67	<2	<5	<2	<2	4	<.2	<2	<2	10	.41	.001	<1	871	18.71	3	<.01	186	.12	<.01	<.01	<2	5
E 125807	<1	4	3	18	<.3	1926	72	645	3.94	3	<5	<2	<2	1	<.2	<2	<2	9	.07	.001	1	667	17.42	1	<.01	194	.10	<.01	<.01	<2	3
E 125808	<1	3	<3	20	<.3	1984	75	657	4.30	3	<5	<2	<2	1	<.2	4	<2	11	.09	.001	1	905	20.15	1	<.01	222	.11	<.01	<.01	<2	<1
E 125809	<1	38	<3	21	.3	2016	82	786	3.70	<2	<5	<2	<2	1	<.2	<2	<2	8	.22	.001	1	757	20.98	1	<.01	220	.11	<.01	<.01	<2	2
E 125810	<1	5	3	17	<.3	2078	72	526	4.58	3	<5	<2	<2	<1	<.2	<2	<2	13	.06	.001	1	583	17.19	1	<.01	172	.14	<.01	<.01	<2	1
RE E 125810	<1	4	5	18	<.3	2057	75	542	4.73	3	<5	<2	<2	<1	<.2	3	<2	14	.06	.001	1	601	17.56	1	<.01	179	.15	<.01	<.01	<2	2
RRE E 125810	<1	5	4	18	<.3	2059	73	532	4.61	2	<5	<2	<2	<1	<.2	<2	<2	14	.07	.001	1	595	17.34	1	<.01	169	.14	<.01	<.01	<2	3
E 125811	<1	5	3	16	<.3	1958	74	605	3.96	3	<5	<2	<2	1	<.2	3	<2	11	.11	.001	1	430	16.00	<1	<.01	164	.11	<.01	<.01	<2	1
E 125812	<1	6	4	17	<.3	2007	80	568	4.54	4	<5	<2	<2	1	<.2	4	<2	13	.40	.001	1	559	15.39	1	<.01	151	.13	<.01	<.01	<2	3
E 125813	<1	6	3	16	<.3	1893	79	569	4.51	2	<5	<2	<2	1	<.2	3	<2	13	.50	.001	<1	602	15.85	1	<.01	164	.13	<.01	<.01	<2	6
E 125814	<1	3	5	19	1.3	2065	80	663	4.39	3	<5	<2	<2	<1	<.2	<2	<2	12	.12	.001	1	560	17.82	2	<.01	200	.14	<.01	<.01	<2	3
E 125815	<1	4	4	19	<.3	2079	81	678	4.55	<2	<5	<2	<2	<1	.2	3	<2	12	.09	.001	1	472	16.71	1	<.01	186	.14	<.01	<.01	<2	2
E 125816	<1	7	4	18	<.3	2161	76	531	5.07	2	<5	<2	<2	1	<.2	3	<2	13	.18	.001	<1	548	14.93	2	<.01	152	.16	<.01	<.01	<2	<1
E 125817	1	14	5	20	.6	1906	62	463	4.18	2	<5	<2	<2	1	.2	3	<2	16	.29	.001	1	621	16.99	4	<.01	130	.26	<.01	<.01	<2	15
E 125818	<1	9	4	25	<.3	2346	86	798	3.77	3	<5	<2	<2	14	<.2	5	<2	6	.17	.002	1	486	17.69	71	<.01	204	.07	<.01	<.01	<2	11
E 125819	<1	4	6	20	<.3	1956	77	739	3.84	4	<5	<2	<2	6	<.2	<2	<2	9	.21	.001	1	837	18.59	4	<.01	194	.10	<.01	<.01	<2	1
E 125820	<1	4	3	20	<.3	2086	81	688	3.99	3	<5	<2	<2	2	<.2	2	<2	10	.22	.001	1	956	20.10	1	<.01	208	.11	<.01	<.01	<2	<1
E 125821	1	7	6	24	.3	2024	69	516	4.33	3	<5	<2	<2	1	<.2	2	<2	12	.02	.001	1	976	21.58	4	<.01	173	.14	<.01	<.01	<2	2
E 125822	<1	4	<3	20	<.3	1989	76	642	4.40	3	<5	<2	<2	1	<.2	2	<2	11	.05	.001	1	788	18.88	1	<.01	191	.11	<.01	<.01	<2	3
RE E 125822	<1	4	<3	20	<.3	2000	79	648	4.41	3	<5	<2	<2	1	.2	4	<2	11	.05	.001	1	789	19.19	2	<.01	194	.11	<.01	<.01	<2	4
RRE E 125822	<1	4	3	20	<.3	1899	75	643	4.38	2	<5	<2	<2	1	.2	2	<2	11	.05	.001	1	776	18.95	1	<.01	190	.11	<.01	<.01	<2	1
E 125823	<1	3	5	21	<.3	1915	78	703	4.35	3	<5	<2	<2	1	.4	3	<2	10	.08	.001	1	879	20.80	<1	<.01	258	.11	<.01	<.01	<2	4
E 125824	<1	8	4	21	.3	1953	74	729	4.05	2	<5	<2	<2	1	.2	3	<2	8	.26	.001	1	793	20.26	1	<.01	215	.10	<.01	<.01	<2	1
E 125825	<1	4	3	19	<.3	2113	81	612	4.72	4	<5	<2	<2	1	.3	5	<2	12	.29	.001	<1	614	16.16	2	<.01	164	.11	<.01	<.01	<2	<1
E 125826	<1	5	5	19	<.3	1963	75	503	4.47	3	<5	<2	<2	<1	<.2	<2	<2	14	.08	.001	1	624	16.42	1	<.01	160	.14	<.01	<.01	<2	2
E 125827	<1	5	3	18	<.3	1790	74	502	4.33	2	<5	<2	<2	1	<.2	<2	<2	14	.25	.001	1	586	16.68	<1	<.01	155	.15	<.01	<.01	<2	2
E 125828	<1	5	3	18	<.3	1896	70	488	4.32	3	<5	<2	<2	<1	<.2	2	<2	15	.09	.001	1	705	18.96	1	<.01	155	.18	<.01	<.01	<2	1
E 125829	<1	3	4	19	<.3	1943	80	634	4.58	3	<5	<2	<2	<1	.2	3	<2	14	.15	.001	1	675	19.57	1	<.01	189	.17	<.01	<.01	<2	1
E 125830	<1	22	3	17	<.3	1888	75	688	4.45	3	<5	<2	<2	1	.2	3	<2	12	.50	.001	1	554	15.52	2	<.01	178	.12	<.01	<.01	<2	3
E 125831	3	121	4	91	12.3	2039	71	615	4.40	2	<5	<2	<2	1	.3	4	<2	12	.39	.001	<1	591	15.81	43	<.01	147	.15	<.01	<.01	54	7
STANDARD C/AU-R	19	57	39	125	6.2	70	30	1062	3.85	38	18	7	42	49	17.4	18	18	56	.47	.089	38	58	.89	185	.08	23	1.79	.06	.14	9	498

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1X, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.

Samples beginning 'RE' are Retruns and 'RRE' are Reject Retruns.

DATE RECEIVED: NOV 14 1995

DATE REPORT MAILED: NOV 23/95

SIGNED BY: E. LOY, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Be ppm	Tl %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
E 125832	1	15	<3	22	1.5	1841	84	695	5.19	2	<5	<2	<2	2	<.2	7	<2	20	.86	.005	<1	505	12.49	4	.01	103	.60	<.01	<.01	6	6
E 125833	<1	5	<3	18	<.3	1777	76	445	4.59	3	<5	<2	<2	1	<.2	6	<2	15	.76	.001	<1	571	12.91	3	<.01	106	.24	<.01	<.01	<2	5
E 125834	<1	7	<3	19	<.3	1834	95	756	5.40	2	<5	<2	<2	1	<.2	8	<2	12	.78	.001	<1	486	12.54	2	<.01	111	.10	<.01	<.01	<2	2
E 125835	<1	5	<3	19	<.3	1908	73	482	4.95	2	<5	<2	<2	<1	<.2	7	<2	15	.06	.001	1	554	14.36	1	<.01	137	.18	<.01	<.01	2	6
E 125836	<1	4	<3	18	<.3	1726	91	819	4.58	2	<5	<2	<2	<1	<.2	7	<2	9	.08	.001	1	522	13.36	1	<.01	94	.07	<.01	<.01	<2	4
E 125837	1	6	<3	20	<.3	1758	67	553	4.62	<2	<5	<2	<2	<1	<.2	5	<2	15	.10	.001	1	596	17.03	2	<.01	164	.21	<.01	<.01	2	6
E 125838	<1	7	<3	21	<.3	1930	79	677	5.03	3	<5	<2	<2	<1	<.2	6	<2	15	.06	.002	1	650	17.89	2	<.01	193	.26	<.01	<.01	<2	7
E 125839	<1	6	<3	21	<.3	1953	76	684	4.97	2	<5	<2	<2	<1	<.2	4	<2	14	.03	.002	<1	580	17.08	1	<.01	190	.23	<.01	<.01	<2	2
E 125840	<1	192	3	142	.3	1901	79	702	5.14	<2	<5	<2	<2	1	<.2	5	<2	14	.02	.002	1	645	17.93	31	<.01	183	.22	<.01	<.01	109	3
E 125841	<1	12	<3	42	<.3	1787	74	507	4.43	5	6	<2	<2	9	<.2	<2	2	52	.33	.002	1	1300	19.86	8	<.01	22	1.29	<.01	<.01	<2	3
E 125842	<1	13	<3	30	<.3	1208	57	819	4.89	3	<5	<2	<2	48	<.2	<2	<2	45	1.88	.020	1	1039	13.29	4	.02	14	1.33	<.01	<.01	<2	2
E 125843	<1	19	<3	28	<.3	1185	58	697	4.24	<2	<5	<2	<2	31	<.2	2	<2	40	1.32	.008	1	989	12.28	4	.01	12	1.09	<.01	<.01	<2	14
E 125844	<1	7	<3	37	<.3	1665	73	867	4.13	6	<5	<2	<2	42	.2	2	4	51	1.62	.002	1	1362	17.89	6	<.01	24	1.35	<.01	<.01	<2	2
E 125845	<1	9	3	32	<.3	1636	69	433	4.14	3	<5	<2	<2	4	<.2	4	<2	40	.10	.001	1	1331	18.84	5	.01	20	.82	<.01	<.01	<2	<1
RE E 125845	<1	10	<3	32	<.3	1618	70	438	4.19	4	<5	<2	<2	3	.3	5	<2	40	.10	.001	1	1352	19.04	5	.01	20	.83	<.01	<.01	<2	1
RE E 125845	<1	9	<3	31	<.3	1607	70	431	4.11	5	<5	<2	<2	3	<.2	5	<2	40	.10	.001	1	1327	18.88	5	.01	20	.82	<.01	<.01	<2	3
E 125846	<1	14	<3	28	<.3	1562	66	513	4.08	4	5	<2	<2	7	<.2	4	<2	31	.30	.001	1	1228	17.71	4	<.01	19	.59	<.01	<.01	<2	2
E 125847	<1	23	<3	25	<.3	1515	66	494	3.84	3	5	<2	<2	8	<.2	2	<2	31	.27	.002	<1	1158	16.70	3	<.01	18	.64	<.01	<.01	<2	<1
E 125848	<1	16	<3	24	<.3	1604	67	391	3.67	2	5	<2	<2	4	.2	6	<2	24	.09	.001	1	1030	16.13	4	<.01	15	.45	<.01	<.01	<2	2
E 125849	<1	12	<3	25	<.3	1633	69	417	3.91	3	<5	<2	<2	5	.2	6	<2	28	.11	.001	<1	1167	17.66	4	<.01	18	.51	<.01	<.01	<2	1
E 125850	<1	16	<3	22	<.3	1541	66	413	3.72	2	6	<2	<2	6	<.2	6	3	24	.12	.001	1	965	16.93	3	<.01	18	.41	<.01	<.01	<2	<1
E 125851	<1	8	<3	26	<.3	1626	72	399	3.80	2	<5	<2	<2	6	<.2	6	<2	29	.07	.001	1	1039	17.70	3	<.01	18	.55	<.01	<.01	<2	2
E 125852	<1	8	<3	27	<.3	1332	56	558	3.76	<2	<5	<2	<2	19	<.2	3	<2	39	.74	.014	1	1052	16.46	3	.01	18	1.07	<.01	<.01	<2	1
E 125853	<1	12	<3	29	<.3	1518	67	573	3.94	4	<5	<2	<2	17	<.2	4	<2	40	.61	.007	1	1058	18.39	5	.01	28	.98	<.01	<.01	<2	4
E 125854	<1	8	3	28	<.3	1631	69	507	3.70	6	<5	<2	<2	7	<.2	4	3	34	.08	.001	1	1244	19.52	4	.01	33	.74	<.01	<.01	<2	<1
E 125855	<1	17	<3	25	<.3	1355	60	683	3.87	5	<5	<2	<2	22	<.2	4	<2	30	1.16	.010	1	933	15.90	3	.01	22	.75	<.01	<.01	<2	<1
RE E 125855	<1	16	<3	24	<.3	1382	60	684	3.85	3	<5	<2	<2	22	<.2	2	<2	31	1.17	.010	1	925	16.00	3	.01	21	.75	<.01	<.01	<2	<1
RE E 125855	<1	17	<3	26	<.3	1420	62	730	4.10	3	<5	<2	<2	24	<.2	<2	2	32	1.27	.011	2	980	16.69	4	.01	22	.79	<.01	<.01	<2	1
E 125856	<1	23	<3	24	<.3	1176	55	861	3.52	<2	<5	<2	<2	51	<.2	<2	<2	31	2.91	.010	1	878	13.72	4	.01	17	.90	<.01	<.01	<2	1
E 125857	<1	6	<3	25	<.3	1566	67	439	3.69	3	<5	<2	<2	19	<.2	4	2	28	.69	.001	1	1144	15.02	9	<.01	17	.62	<.01	<.01	<2	5
E 125858	<1	9	<3	25	<.3	1620	70	401	3.94	12	<5	<2	<2	10	<.2	6	<2	31	.18	.001	1	1087	16.35	6	<.01	18	.65	<.01	<.01	<2	4
E 125859	<1	21	<3	24	<.3	1455	63	616	4.01	2	5	<2	<2	22	.2	3	<2	32	1.00	.013	<1	1073	15.52	5	.01	19	.76	<.01	<.01	<2	2
E 125860	<1	18	<3	20	<.3	1503	63	372	3.55	8	<5	<2	<2	9	<.2	5	<2	23	.26	.002	1	789	14.07	2	<.01	13	.44	<.01	<.01	<2	9
E 125861	<1	16	<3	18	<.3	1501	62	326	3.36	8	<5	<2	<2	5	<.2	7	2	16	.18	.001	1	672	12.14	1	<.01	11	.24	<.01	<.01	<2	2
E 125862	<1	13	<3	18	<.3	1535	65	318	3.71	2	<5	<2	<2	5	<.2	6	<2	21	.11	.001	<1	901	13.11	2	<.01	13	.32	<.01	<.01	<2	5
E 125863	<1	12	3	20	<.3	1459	61	385	3.75	2	5	<2	<2	7	<.2	6	<2	25	.27	.001	1	953	15.26	3	<.01	14	.45	.01	<.01	<2	5
E 125864	<1	73	<3	40	<.3	1091	56	487	5.98	<2	<5	<2	<2	16	<.2	<2	<2	95	.73	.031	1	885	12.64	5	.07	15	1.54	.01	<.01	<2	4
STANDARD C/AU-R	20	60	37	130	6.5	66	31	1082	3.99	39	17	8	37	50	18.1	18	21	60	.47	.093	38	57	.90	187	.07	25	1.79	.06	.14	10	490

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



AA ANALYTICAL

AA ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Pb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
125865	<1	10	<3	29	<.3	1258	56	526	3.39	6	6	<2	<2	6	<.2	5	<2	31	.05	.001	1	1194	15.87	4	<.01	23	.67	.02	<.01	<2	<1
125866	<1	8	<3	32	<.3	1375	64	573	3.68	7	7	<2	<2	6	<.2	5	<2	35	.05	.001	1	1264	17.01	4	<.01	27	.80	.02	<.01	<2	1
125867	<1	7	<3	31	<.3	1363	60	562	3.36	6	8	<2	<2	6	<.2	4	2	33	.19	.001	1	1234	16.21	4	<.01	27	.78	.02	<.01	<2	2
125868	<1	10	<3	28	<.3	1356	63	502	3.73	7	5	<2	<2	10	.3	4	<2	35	.35	.005	2	1148	16.65	5	.01	24	.90	.02	<.01	<2	4
125869	<1	10	<3	30	<.3	1406	65	485	3.73	8	6	<2	<2	8	<.2	4	<2	41	.05	.005	2	1284	18.05	5	.01	26	1.17	.02	<.01	<2	<1
125870	<1	30	<3	16	<.3	786	41	332	3.47	4	<5	<2	<2	12	.2	4	<2	27	.92	.022	2	954	6.83	3	.02	9	.78	.02	<.01	<2	1
125871	<1	14	<3	25	<.3	1398	58	469	3.70	6	<5	<2	<2	10	<.2	3	<2	37	.20	.006	2	919	17.44	5	.01	25	1.08	.03	<.01	<2	1
125872	<1	26	<3	21	<.3	1199	53	507	3.71	6	<5	<2	<2	11	<.2	5	<2	35	.36	.007	2	804	14.66	5	.01	20	1.00	.02	.01	<2	<1
125873	<1	5	<3	23	<.3	1464	59	429	3.72	5	8	<2	<2	8	<.2	4	2	32	.13	.002	1	1014	18.61	5	.01	22	.91	.02	<.01	<2	1
125874	<1	8	<3	18	<.3	1268	54	362	3.34	4	7	<2	<2	5	.2	3	<2	20	.11	.001	<1	686	14.17	2	<.01	12	.41	.01	<.01	<2	<1
125875	<1	13	<3	21	<.3	1312	57	371	3.35	2	6	<2	<2	5	.2	3	<2	19	.18	.001	1	794	13.70	2	<.01	11	.41	<.01	<.01	<2	2
125876	<1	15	<3	24	<.3	1384	53	416	3.48	4	11	<2	<2	12	<.2	5	<2	29	.57	.002	1	855	14.85	3	.01	14	.72	.01	<.01	<2	2
125877	<1	50	<3	41	<.3	287	23	981	4.04	11	<5	<2	4	194	<.2	<2	<2	52	13.32	.115	18	275	4.67	54	.18	3	1.87	.01	.16	<2	4
125878	<1	9	<3	24	<.3	1197	55	542	3.57	5	<5	<2	<2	13	<.2	4	2	30	.75	.007	1	983	13.26	3	.01	14	.74	<.01	<.01	<2	<1
125879	<1	6	<3	22	<.3	1435	61	395	3.78	5	6	<2	<2	7	<.2	4	<2	34	.22	.003	2	1018	15.56	2	.01	17	.80	.01	<.01	<2	1
125880	<1	9	<3	19	<.3	1415	58	315	3.47	4	6	<2	<2	7	<.2	3	<2	26	.23	.002	1	932	13.96	2	.01	16	.49	<.01	<.01	<2	<1
E 125880	<1	10	<3	20	<.3	1449	58	317	3.51	2	7	<2	<2	7	<.2	3	<2	27	.24	.002	1	938	14.12	2	.01	16	.50	<.01	<.01	<2	2
E E 125880	<1	11	3	19	<.3	1490	62	325	3.64	4	5	<2	<2	6	.2	5	<2	27	.17	.001	1	986	14.67	2	<.01	19	.50	<.01	<.01	<2	<1
125881	<1	14	<3	20	<.3	1399	58	287	3.15	5	<5	<2	<2	5	<.2	5	<2	26	.12	.001	<1	713	14.64	2	<.01	18	.46	<.01	<.01	<2	<1
125882	<1	13	<3	20	<.3	1278	57	304	3.63	3	5	<2	<2	4	<.2	4	<2	25	.12	.001	1	927	12.94	2	<.01	23	.48	<.01	<.01	<2	2
125883	<1	19	<3	29	<.3	1255	56	653	3.72	8	<5	<2	<2	33	.3	5	<2	42	1.76	.005	1	947	13.76	3	<.01	22	1.79	<.01	<.01	<2	1
125884	<1	3	<3	20	<.3	1322	59	419	3.56	4	<5	<2	<2	23	<.2	4	2	24	.90	.001	<1	770	12.76	2	<.01	20	.43	<.01	<.01	<2	<1
125885	<1	14	<3	20	<.3	1453	63	368	3.89	7	7	<2	<2	13	<.2	6	<2	27	.51	.001	<1	855	13.94	2	<.01	22	.43	<.01	<.01	<2	1
125886	<1	12	<3	19	<.3	1451	64	404	3.94	8	<5	<2	<2	13	.2	4	<2	24	.47	.001	<1	969	12.42	2	<.01	21	.38	<.01	<.01	<2	<1
125887	<1	19	<3	18	<.3	1413	61	469	3.69	10	5	<2	<2	18	.3	4	<2	21	.45	.001	<1	827	11.30	1	<.01	22	.31	<.01	<.01	<2	<1
125888	<1	12	<3	16	<.3	1381	59	401	3.67	8	6	<2	<2	19	.3	4	<2	24	.40	.001	<1	776	12.11	2	<.01	20	.39	<.01	<.01	<2	<1
125889	<1	13	<3	16	<.3	1402	61	415	3.63	10	<5	<2	<2	15	.5	5	<2	18	.53	.001	<1	736	10.99	2	<.01	22	.28	<.01	<.01	<2	4
125890	<1	14	<3	14	<.3	1395	59	439	3.59	9	<5	<2	<2	30	.4	6	<2	16	.89	.001	<1	585	11.08	1	<.01	18	.21	<.01	<.01	<2	4
E 125890	<1	14	<3	15	<.3	1437	61	455	3.70	9	<5	<2	<2	31	.3	4	<2	16	.91	.001	<1	613	11.88	1	<.01	21	.23	<.01	<.01	<2	<1
E E 125890	<1	13	<3	16	<.3	1473	63	463	3.75	11	5	<2	<2	32	.4	6	<2	17	.91	.001	<1	631	12.18	2	<.01	22	.24	<.01	<.01	<2	5
125891	<1	14	<3	17	<.3	1494	66	536	4.00	8	5	<2	<2	21	.3	4	<2	20	.61	.001	<1	755	13.07	2	<.01	20	.34	<.01	<.01	<2	2
125892	<1	7	<3	19	<.3	1328	60	470	3.67	8	5	<2	<2	20	.4	6	<2	25	.71	.001	<1	1098	12.07	2	.01	19	.49	<.01	<.01	<2	<1
125893	<1	22	<3	22	<.3	1403	59	707	3.50	10	5	<2	<2	45	.2	6	<2	30	1.05	.001	<1	1059	14.54	3	.01	22	.66	<.01	<.01	<2	1
125894	<1	17	<3	23	<.3	1461	66	451	3.94	6	5	<2	<2	12	.3	4	<2	25	.42	.001	<1	997	13.07	1	<.01	16	.45	<.01	<.01	<2	<1
125895	<1	11	<3	21	<.3	1505	65	329	3.84	2	7	<2	<2	4	<.2	3	<2	21	.08	.001	<1	1008	12.51	2	<.01	15	.40	.01	.01	<2	2
125896	<1	5	<3	25	<.3	1283	56	414	3.57	5	<5	<2	<2	6	<.2	4	<2	23	.26	.001	1	926	12.74	1	<.01	13	.54	.01	<.01	<2	3
125897	<1	11	<3	27	<.3	1281	57	819	3.65	6	<5	<2	<2	49	<.2	2	<2	38	2.90	.016	2	956	14.25	4	.02	16	1.44	.02	.01	<2	1
STANDARD C/AU-R	19	57	34	127	6.2	69	30	1075	3.84	39	17	7	37	48	17.5	17	16	58	.50	.089	38	56	.89	180	.08	23	1.82	.06	.15	9	496

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	Y ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	θ ppm	Al %	Na %	K %	W ppm	Au ^{ppb}
E 125898	1	85	<3	21	.3	169	28	392	2.12	8	<5	<2	2	20	<.2	<2	<2	28	2.80	.001	<1	221	4.20	60	.03	<3	2.85	.01	.36	<2	12
E 125899	<1	62	<3	19	.3	419	33	636	3.11	7	6	<2	4	58	.3	<2	<2	53	6.31	.003	<1	591	6.85	43	.05	3	2.86	.01	.22	<2	2
E 125900	1	30	<3	19	<.3	114	20	369	1.75	6	<5	<2	2	29	.3	<2	<2	29	3.84	.004	<1	165	3.11	47	.04	<3	2.36	.01	.24	<2	4
RE E 125900	1	32	<3	19	.3	118	21	385	1.83	6	<5	<2	2	30	.3	<2	<2	31	4.04	.004	<1	169	3.23	48	.04	<3	2.47	.01	.24	<2	<2

Sample type: CORE. Samples beginning 'RE' are Retuns and 'RRE' are Reject Retuns.



GEOCHEMICAL ANALYSIS CERTIFICATE

PHONE (604) 253-3158 FAX (604) 253-1716

HYDRA-REBOUNDS Inc. PROJECT BORNITE File # 95-4622 Page 1

P.O. Box 11611 350 550 Vancouver BC V6G 4W9 Submitted by: U. Hovari



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	AU** ppb
E 125901	<1	16	6	22	<.3	1252	47	538	3.26	9	<5	<2	<2	21	<.2	<2	<2	36	1.59	.001	<1	740	12.52	35	.02	21	1.30	.02	.20	<2	4
E 125902	2	6	7	59	<.3	98	15	574	3.84	6	<5	<2	2	34	<.2	<2	<2	94	1.72	.117	18	105	3.04	70	.37	9	1.45	.12	.10	<2	<2
E 125903	2	5	3	58	<.3	133	14	534	3.69	5	<5	<2	2	40	<.2	<2	<2	91	1.68	.109	16	126	3.12	71	.36	13	1.48	.15	.11	<2	3
E 125904	<1	7	4	18	<.3	1517	53	388	3.38	9	<5	<2	<2	6	<.2	<2	<2	19	.41	.001	1	739	11.84	2	.01	15	.36	.02	<.01	<2	2
E 125905	<1	8	<3	18	<.3	1654	56	350	3.42	8	<5	<2	<2	3	<.2	<2	<2	22	.06	.001	<1	905	12.89	1	.01	13	.41	.01	<.01	<2	4
E 125906	<1	11	5	24	<.3	1485	52	441	3.34	5	<5	<2	<2	11	<.2	<2	<2	33	.41	.001	<1	951	15.28	6	.01	22	.78	.02	<.01	<2	3
E 125907	<1	26	<3	23	<.3	911	37	375	3.35	9	<5	<2	<2	65	<.2	<2	<2	40	3.39	.023	3	859	7.57	8	.03	10	1.71	.02	<.01	<2	5
E 125908	1	8	6	40	<.3	1544	45	468	3.48	11	<5	<2	<2	41	<.2	<2	<2	49	1.13	.027	2	920	14.12	6	.02	22	1.71	.03	<.01	<2	3
E 125909	<1	174	4	28	<.3	929	31	422	3.07	6	<5	<2	<2	80	<.2	<2	<2	45	3.15	.029	3	670	7.82	23	.04	11	1.52	.02	.07	<2	2
E 125910	1	18	3	34	<.3	1551	54	510	3.59	6	<5	<2	<2	23	<.2	<2	<2	60	1.14	.003	2	1093	14.30	5	.01	23	1.79	.04	<.01	<2	5
E 125911	<1	32	<3	24	<.3	583	26	354	2.64	4	<5	<2	<2	25	<.2	<2	<2	37	1.04	.025	2	684	5.53	20	.09	4	1.48	.03	.19	<2	3
E 125912	<1	2	6	63	<.3	107	17	655	3.82	<2	<5	<2	<2	165	.2	<2	<2	102	4.13	.039	2	108	3.49	124	.12	<3	2.38	.06	.96	<2	4
RE E 125912	<1	3	4	64	<.3	103	18	662	3.90	4	<5	<2	<2	167	<.2	<2	<2	104	4.19	.039	3	108	3.55	127	.12	4	2.43	.06	.99	<2	4
RRE E 125912	<1	2	6	65	<.3	104	17	666	3.93	4	<5	<2	<2	165	<.2	<2	<2	104	4.11	.039	2	109	3.54	131	.12	<3	2.45	.07	.99	<2	3
E 125913	<1	1	<3	28	<.3	680	25	343	1.99	2	<5	<2	<2	62	<.2	<2	<2	28	1.96	.007	2	706	5.85	15	.05	5	1.91	.03	.22	<2	2
E 125914	<1	18	3	20	<.3	994	35	655	3.03	<2	<5	<2	<2	24	<.2	<2	<2	37	1.19	.005	<1	556	9.46	6	.03	5	1.30	.02	.01	<2	4
E 125915	<1	16	<3	28	<.3	35	13	445	2.28	2	<5	<2	<2	138	.2	<2	<2	61	3.79	.017	<1	37	2.11	128	.18	<3	1.52	.04	.74	<2	3
E 125916	1	6	3	18	<.3	1215	40	437	2.70	4	<5	<2	<2	40	<.2	<2	<2	25	1.51	<.001	<1	683	9.78	6	.01	9	.77	.01	.01	<2	3
E 125917	<1	6	<3	19	<.3	1390	46	493	3.31	6	<5	<2	<2	20	<.2	<2	<2	24	.83	.002	<1	906	12.18	4	.01	12	.51	.01	<.01	<2	2
E 125918	<1	12	3	18	<.3	1234	48	485	3.54	5	<5	<2	<2	15	<.2	<2	<2	25	.56	.003	<1	1027	11.96	5	.01	14	.49	.01	<.01	<2	<2
E 125919	1	8	<3	17	<.3	1573	56	394	3.58	5	<5	<2	<2	4	<.2	<2	<2	24	.10	.001	<1	856	12.26	<1	.01	12	.42	<.01	<.01	<2	6
E 125920	<1	9	5	18	<.3	1734	58	418	3.79	6	<5	<2	<2	6	<.2	<2	<2	28	.10	.001	<1	890	13.10	6	.01	22	.48	.01	<.01	<2	8
E 125921	<1	13	3	18	<.3	1818	59	419	3.46	7	<5	<2	<2	7	<.2	<2	<2	28	.09	<.001	<1	736	14.03	6	.01	18	.46	.07	<.01	<2	3
E 125922	<1	13	3	17	<.3	1671	58	388	4.01	9	<5	<2	<2	6	<.2	<2	<2	27	.21	<.001	<1	934	12.54	4	.01	21	.41	.01	<.01	<2	6
E 125923	<1	4	3	17	<.3	1659	55	367	3.45	8	<5	<2	<2	4	<.2	<2	<2	22	.19	<.001	<1	1042	11.70	<1	<.01	20	.35	.01	<.01	<2	<2
E 125924	<1	2	<3	17	<.3	1628	53	481	3.50	12	<5	<2	<2	10	<.2	<2	<2	28	.86	.001	<1	1027	11.89	6	.01	20	.47	.01	<.01	<2	4
RE E 125924	<1	1	<3	17	<.3	1628	53	489	3.57	10	<5	<2	<2	11	<.2	<2	<2	28	.87	<.001	<1	1036	12.05	<1	.01	21	.49	<.01	<.01	<2	<2
RRE E 125924	<1	3	3	16	<.3	1562	52	482	3.51	9	<5	<2	<2	10	<.2	<2	<2	28	.87	<.001	<1	1024	11.71	4	.01	21	.48	.01	<.01	<2	<2
E 125925	<1	11	3	18	<.3	1652	56	400	3.72	9	<5	<2	<2	4	<.2	<2	<2	29	.11	<.001	<1	1108	12.92	<1	.01	21	.51	<.07	<.01	<2	<2
E 125926	<1	12	4	16	<.3	1605	55	404	3.73	6	<5	<2	<2	7	<.2	<2	<2	23	.16	<.001	<1	897	12.13	2	<.01	23	.37	.01	<.01	<2	2
E 125927	1	14	4	17	<.3	1554	56	387	3.65	7	<5	<2	<2	4	<.2	<2	<2	21	.09	<.001	<1	861	12.14	<1	<.01	20	.34	<.01	<.01	<2	4
E 125928	<1	9	6	16	<.3	1669	56	357	3.51	10	<5	<2	<2	4	<.2	<2	<2	27	.07	.001	<1	747	14.92	2	.01	23	.49	<.01	<.01	<2	3
E 125929	<1	8	<3	18	<.3	1820	55	377	3.18	8	<5	<2	<2	6	<.2	<2	<2	25	.15	.001	<1	935	14.22	<1	.01	24	.53	<.01	<.01	<2	16
E 125930	<1	2	<3	22	<.3	808	33	329	2.63	19	<5	<2	<2	6	<.2	<2	<2	36	.25	.014	1	828	10.24	2	.07	4	2.70	<.01	<.01	<2	6
E 125931	1	8	<3	20	<.3	1431	44	444	3.48	11	<5	<2	<2	19	<.2	<2	<2	30	.77	.002	<1	842	12.03	2	.01	19	1.19	<.01	<.01	<2	4
E 125932	<1	2	5	14	<.3	1771	56	320	3.94	23	<5	<2	<2	7	<.2	<2	<2	23	.15	<.001	<1	900	13.56	<1	<.01	28	.37	<.01	<.01	<2	4
E 125933	<1	6	6	14	<.3	1852	60	510	3.88	31	<5	<2	<2	20	<.2	<2	<2	24	.55	.001	<1	840	13.89	4	<.01	32	.36	<.01	<.01	<2	7
STANDARD C/AU-R	19	58	35	126	6.0	72	30	1083	3.94	44	16	7	36	49	16.9	17	18	57	.49	.091	38	59	.90	186	.07	26	1.80	.05	.14	11	467

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.

Samples beginning 'RE' are Returns and 'RRE' are Reject Returns.

DATE RECEIVED: NOV 15 1995 DATE REPORT MAILED: Nov 24/95 SIGNED BY: *C. Long* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	No ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Tl %	θ ppm	Al %	Na %	K %	W ppm	Au ⁶⁶ ppb
E 125934	<1	8	<3	8	.3	1876	72	546	4.20	25	<5	<2	3	15	<.2	<2	2	28	.32	.003	<1	991	14.23	2	<.01	28	.36	<.01	<.01	<2	3
E 125935	<1	5	<3	7	<.3	1712	69	466	4.14	26	<5	<2	2	4	<.2	<2	3	27	.11	.002	<1	1000	14.44	1	<.01	27	.32	<.01	<.01	<2	3
E 125936	<1	3	4	8	<.3	1823	73	444	4.27	41	<5	<2	2	6	<.2	<2	2	30	.16	.003	<1	1158	16.40	2	<.01	33	.39	<.01	<.01	2	3
E 125937	<1	4	5	9	.3	1972	85	822	5.01	60	<5	<2	5	4	.2	<2	4	31	.07	.003	<1	1176	17.37	2	<.01	33	.39	<.01	<.01	2	3
E 125938	<1	6	<3	7	<.3	1844	70	383	3.82	21	<5	<2	2	13	<.2	<2	2	27	.49	.003	<1	816	15.70	2	.01	32	.41	<.01	<.01	<2	2
E 125939	<1	12	<3	9	.3	1995	74	355	4.49	21	<5	<2	2	9	<.2	<2	<2	35	.25	.003	<1	930	18.63	3	.01	37	.55	<.01	<.01	<2	<2
RE E 125939	<1	12	3	9	<.3	2030	76	367	4.66	25	<5	<2	3	10	.3	<2	<2	37	.25	.003	<1	969	19.19	3	.01	39	.60	<.01	<.01	<2	<2
RRE E 125939	<1	12	4	10	<.3	2054	73	361	4.62	17	<5	<2	2	10	.3	<2	<2	36	.25	.003	<1	961	19.06	3	.01	39	.59	<.01	<.01	<2	<2

Sample type: CORE. Samples beginning 'RE' are Returns and 'RRE' are Reject Returns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-3066 Page 1

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9 Submitted by: U. Mowat

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
RD-95-01	1	68	15	140	.7	77	57	546	11.77	<2	<5	<2	<2	23	<.2	<2	<2	124	1.67	.459	6	37	.36	13	.21	<3	.89	.06	.10	<2	7
RD-95-02	1	183	61	86	.3	34	18	645	4.65	2	<5	<2	<2	9	.6	<2	<2	88	1.21	.066	<1	70	1.31	9	.81	<3	2.12	.03	.01	<2	1
RD-95-03	2	16	7	29	.3	7	2	1602	5.15	<2	<5	<2	<2	8	.6	2	<2	39	2.00	.076	5	8	.34	144	.21	<3	.38	.11	.14	<2	<1
RD-95-04	1	183	104	129	.4	34	18	641	4.66	2	<5	<2	<2	9	1.0	4	<2	86	1.45	.075	<1	76	1.31	11	.79	<3	2.08	.03	<.01	<2	1
RD-95-05	<1	632	12	64	.3	53	31	602	6.93	<2	<5	<2	<2	15	.5	<2	<2	38	1.87	.086	<1	38	1.28	7	.78	<3	2.25	<.01	<.01	<2	1
E 142701	<1	253	13	80	.3	38	21	642	5.37	6	<5	<2	<2	51	.7	3	<2	97	1.78	.079	1	53	1.52	18	.81	<3	2.33	.03	.05	<2	19
E 142702	2	29	6	26	<.3	38	9	549	2.04	4	<5	<2	<2	15	.5	5	<2	24	1.21	.022	1	46	1.22	33	.25	<3	1.25	.01	.04	<2	3
E 142703	5	29	10	11	<.3	7	1	79	.98	<2	<5	<2	2	3	.2	<2	<2	6	1.09	.007	2	10	.04	364	.08	3	.18	<.01	.10	<2	2
E 142704	1	50	15	42	<.3	38	15	535	2.45	2	<5	<2	<2	13	.4	4	<2	29	1.28	.007	<1	32	1.53	16	.17	<3	1.74	.02	<.01	<2	1
E 142705	1	30	5	40	<.3	84	25	539	3.46	2	<5	<2	<2	8	.3	4	<2	32	.65	.008	<1	33	2.39	3	.24	<3	2.47	.03	.01	<2	1
E 142706 BL/75	2	8	7	113	<.3	8	15	755	4.82	4	<5	<2	<2	104	1.4	2	<2	83	2.27	.139	18	42	2.25	126	.03	3	2.46	.11	.13	<2	1
E 142707	2	33	9	26	<.3	42	7	802	1.71	4	<5	<2	<2	37	.5	2	<2	23	3.08	.011	2	22	.99	18	.09	<3	1.05	<.01	.01	<2	<1
E 142708	2	11	4	3	<.3	6	1	41	.26	<2	<5	<2	<2	1	<.2	<2	<2	2	.06	.001	2	6	.03	176	<.01	3	.08	<.01	.02	<2	<1
E 142709	1	83	8	75	<.3	26	25	1314	6.58	2	<5	<2	<2	10	.5	3	<2	75	.90	.045	<1	35	2.17	28	.61	<3	2.95	.02	.02	<2	1
RE E 142709	1	80	4	73	<.3	27	25	1293	6.43	7	<5	<2	<2	10	.5	4	<2	74	.88	.043	<1	34	2.13	29	.60	<3	2.88	.02	.02	<2	<1
RRE E 142709	1	77	5	72	.3	26	25	1294	6.33	5	<5	<2	<2	10	1.0	3	<2	74	.88	.043	<1	35	2.12	28	.60	<3	2.84	.02	.02	<2	<1
E 142722	1	10	<3	23	<.3	2137	91	717	4.76	6	<5	<2	<2	1	.4	<2	<2	19	.10	.002	1	1027	17.07	4	<.01	25	.37	<.01	<.01	<2	1
E 142723	1	106	8	39	<.3	74	21	485	2.67	2	<5	<2	<2	17	.3	2	<2	26	2.22	.006	<1	37	2.04	8	.19	<3	2.09	.02	.03	<2	<1
E 142724	1	128	3	31	<.3	50	18	488	2.72	3	<5	<2	<2	8	.3	3	<2	31	.83	.006	<1	112	1.62	4	.21	<3	1.81	.02	<.01	<2	1
E 142725	<1	225	5	59	<.3	40	19	690	4.43	5	<5	<2	<2	19	1.0	4	<2	99	1.24	.061	<1	63	1.42	5	.80	<3	1.99	.03	<.01	<2	1
E 142726	1	43	4	45	<.3	32	25	499	4.17	3	<5	<2	<2	21	.4	2	<2	59	1.09	.045	<1	41	1.24	11	.38	<3	1.75	.03	<.01	<2	<1
E 142727	<1	332	3	92	.4	48	27	1103	7.93	<2	<5	<2	<2	13	<.2	<2	<2	123	1.38	.079	<1	47	1.98	72	.68	<3	2.83	.02	.08	<2	2
E 142728	1	52	5	46	<.3	7	18	367	5.53	3	<5	<2	<2	15	.5	5	<2	55	.84	.046	<1	5	.93	3	.35	<3	1.04	.04	<.01	<2	<1
E 142729	1	119	4	47	.3	39	23	628	4.25	5	<5	<2	<2	6	.6	3	<2	82	.74	.059	1	25	2.45	18	.43	<3	2.49	.02	<.01	<2	<1
RE E 142729	<1	117	4	48	.3	37	23	631	4.20	<2	<5	<2	<2	6	.4	4	<2	80	.73	.059	1	25	2.44	17	.42	<3	2.47	.02	<.01	<2	<1
RRE E 142729	<1	110	<3	47	.3	37	22	614	4.04	2	<5	<2	<2	5	.3	3	<2	78	.72	.056	1	24	2.37	17	.41	<3	2.37	.02	.01	<2	<1
E 142751	<1	156	3	80	.3	51	25	853	5.59	4	<5	<2	<2	21	.6	3	<2	95	2.20	.064	<1	45	2.01	9	.61	<3	2.67	<.01	<.01	<2	1
E 142752	3	7	6	5	<.3	8	<1	52	.39	<2	<5	<2	<2	1	<.2	<2	<2	3	.03	.003	<1	8	.03	96	.02	<3	.08	<.01	.04	<2	<1
E 142753	1	152	<3	48	<.3	47	18	698	3.35	2	<5	<2	<2	6	.6	2	<2	70	1.24	.012	<1	94	1.74	21	.22	<3	2.09	.02	.02	<2	1
E 142756	2	21	3	5	<.3	5	1	74	.47	<2	<5	<2	<2	4	<.2	<2	<2	5	.07	.005	3	8	.06	279	.05	3	.18	<.01	.08	<2	<1
E 142757	<1	39	4	63	<.3	273	31	812	4.13	11	<5	<2	<2	3	.5	2	<2	41	.42	.020	<1	474	2.54	54	.27	<3	2.46	.01	.13	<2	1
E 142758	1	13	5	23	<.3	22	19	334	2.99	3	<5	<2	<2	17	.4	<2	<2	64	.99	.051	<1	26	1.10	17	.37	<3	1.37	.03	.01	<2	<1
STANDARD C/AU-R	19	64	38	128	7.2	67	31	1135	4.23	42	23	7	39	53	18.4	17	22	59	.52	.095	38	64	.93	190	.09	27	2.01	.06	.17	11	540

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: P1 ROCK P2 TO P13 SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 23 1995 DATE REPORT MAILED: Aug 30/95 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-3154 Page 1
 P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9 Submitted by: U. Mowat

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	Pt**	Pd**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb	ppb	ppb
E 142710 7+00S	<1	12	4	40	<.3	2458	79	700	2.98	4	<5	<2	<2	32	.6	<2	<2	7	2.52	.006	<1	573	16.68	17<.01	22	.15<.01<.01	<2	<2	-	<2	-	-	
E 142711	<1	7	5	25	<.3	2505	82	486	2.98	6	<5	<2	<2	136	.8	3	<2	13	8.48	.007	<1	530	10.40	8<.01	12	.16<.01<.01	<2	<2	-	<2	-	-	
E 142712	2	7	11	94	<.3	1882	101	1052	4.39	2	<5	<2	<2	4	1.0	<2	<2	10	.11	.005	3	588	16.71	11<.01	20	.07<.01<.01	<2	4	13	19	-	-	
E 142713	<1	9	6	62	<.3	2394	116	820	4.93	2	<5	<2	<2	2	1.0	<2	<2	12	.05	.003	1	743	17.88	7<.01	14	.09<.01<.01	<2	<2	<3	<3	-	-	
E 142714	1	7	7	61	<.3	53	14	672	2.61	<2	<5	<2	<2	14	.5	<2	<2	41	1.22	.037	3	35	1.78	20	.27	<3	1.58	.03	.02	<2	<2	-	-
E 142715	<1	12	4	45	<.3	2441	101	806	4.63	3	<5	<2	<2	2	1.0	4	<2	10	.05	.004	1	557	16.74	12<.01	14	.07<.01<.01	<2	5	<3	<3	-	-	
E 142716	1	7	5	32	<.3	2709	117	858	5.10	3	<5	<2	<2	2	.8	<2	<2	11	.29	.003	<1	723	18.03	3<.01	36	.06<.01<.01	<2	9	6	4	-	-	
E 142717	<1	3	6	31	<.3	2631	118	1178	4.99	3	<5	<2	<2	<1	.8	<2	<2	13	.06	.004	1	522	15.55	14<.01	105	.19<.01<.01	<2	<2	-	-	-	-	
E 142718	3	19	7	18	<.3	28	5	289	2.34	3	<5	<2	6	20	.3	<2	<2	47	.40	.052	8	16	.72	105	.16	<3	.67	.09	.28	<2	<2	-	-
E 142719	1	5	4	25	<.3	957	56	575	2.87	168	<5	<2	<2	3	.4	<2	<2	6	.10	.005	<1	541	10.86	5<.01	<3	.18<.01<.01	<2	7	-	-	-	-	
RE E 142719	1	5	5	17	<.3	810	48	541	2.71	157	<5	<2	<2	3	.2	<2	<2	5	.09	.004	1	435	10.11	5<.01	<3	.14<.01<.01	<2	2	-	-	-	-	
RRE E 142719	1	5	4	19	<.3	838	50	555	2.68	160	<5	<2	<2	2	.2	<2	<2	6	.08	.005	1	468	9.98	5<.01	<3	.16<.01<.01	<2	<2	-	-	-	-	
E 142720	1	10	5	23	<.3	2866	141	1174	4.77	6	<5	<2	<2	<1	.5	<2	<2	6	.02	.003	1	406	20.30	1<.01	31	.06<.01<.01	<2	2	-	-	-	-	
E 142721	<1	10	5	41	<.3	3216	124	1299	4.66	2	7	<2	<2	3	.4	<2	<2	3	.49	.004	<1	132	20.05	23<.01	38	.03<.01<.01	<2	2	-	-	-	-	
E 142730	1	177	9	66	.3	65	22	772	5.11	5	<5	<2	<2	9	.9	4	<2	96	1.08	.060	1	90	1.62	6	.73	<3	2.21	.03<.01	<2	<2	-	-	
E 142731	1	110	3	32	<.3	94	23	451	2.87	<2	<5	<2	<2	18	.2	<2	<2	39	1.41	.007	<1	61	2.15	8	.17	<3	2.13	.01<.01	<2	2	-	-	
E 142732 5+00N	<1	257	13	89	.5	59	30	977	7.21	2	<5	<2	<2	9	1.1	<2	<2	134	.88	.046	<1	50	2.26	30	.69	<3	3.68	.01<.01	<2	2	-	-	
E 142733	4	11	3	3	<.3	6	1	62	.37	<2	<5	<2	<2	1	<.2	<2	<2	5	.01	.004	<1	8	.03	288	.07	<3	.16<.01	.11	<2	3	-	-	
E 142734	4	8	<3	1	<.3	11	1	113	.42	<2	<5	<2	<2	1	<.2	<2	<2	2	.02	.001	<1	15	.02	4	.01	<3	.03<.01<.01	3	<2	-	-		
RE E 142734 5+00S	4	7	<3	2	<.3	11	1	64	.38	<2	<5	<2	<2	<1	<.2	<2	<2	2	.02	.001	<1	14	.02	3	.01	<3	.03<.01<.01	3	<2	-	-		
RRE E 142734	3	7	<3	2	<.3	12	1	61	.35	<2	<5	<2	<2	1	<.2	<2	<2	1	.03	.001	<1	13	.04	3<.01	<3	.04<.01<.01	2	<2	-	-			
E 142754	2	15	<3	8	<.3	9	1	117	.58	5	<5	<2	<2	1	<.2	<2	<2	5	.02	.006	3	9	.10	76<.01	<3	.12<.01	.02	<2	2	-	-		
E 142755	2	30	8	16	<.3	29	6	886	2.57	2	<5	<2	2	17	<.2	3	<2	49	.57	.092	15	61	.58	316	.39	<3	.35	.05	.09	<2	<2	-	-
E 142759	4	8	<3	3	<.3	11	1	84	.49	<2	<5	<2	<2	1	<.2	<2	<2	1	.01	.003	<1	14	.01	4<.01	<3	.01<.01<.01	3	<2	-	-			
STANDARD C/FA-100S	18	64	36	125	7.4	67	30	1118	3.90	41	22	7	41	55	18.1	17	18	62	.48	.091	42	61	.87	181	.08	29	1.89	.06	.14	11	46	41	42

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: P1 ROCK P2 TO P8 SOIL AU** PT** PD** BY FIRE ASSAY & ANALYSIS BY ICP/GRAPHITE FURNACE.(30 gm) Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 28 1995

DATE REPORT MAILED: Sept 6/95

SIGNED BY: C. Leong, D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-3208 Page 1

P.O. Box 11611, 350 - 650, Vancouver, BC V6B 4N9 Submitted by: U. Mowat

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	Pt**	Pd**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb	ppb	ppb
A 142362	<1	14	4	14	<.3	1124	60	609	3.06	46	<5	<2	<2	24	<.2	<2	11	5	.53	.004	<1	352	9.45	6<.01	6	.10	<.01	<.01	<2	251	-	-	
A 142363	<1	8	6	7	<.3	2385	94	428	3.61	62	<5	<2	<2	1	<.2	4	4	20	.07	.003	<1	733	16.46	2<.01	67	.33	<.01	<.01	<2	221	3	8	
A 142364	<1	5	<3	6	<.3	2622	102	455	4.44	115	<5	<2	<2	<1	<.2	6	2	20	.01	.004	<1	795	18.22	<1<.01	97	.26	<.01	<.01	<2	9	3	6	
A 142365	<1	592	10	225	1.0	352	64	1343	11.73	13	6	<2	2	58	<.2	<2	8	58	1.30	.198	12	340	3.42	45	.43	4	6.27	<.01	.01	<2	2	3	<3
A 142735	4	12	21	36	<.3	17	3	1040	1.11	<2	<5	<2	<2	67	1.1	<2	2	8	1.02	.018	1	17	.31	31	.03	<3	.40	.01	.03	3	<2	-	-
A 142736	<1	7	4	26	.3	1933	83	1041	3.99	10	<5	<2	<2	5	.4	<2	<2	10	1.99	.004	<1	489	12.38	14<.01	47	.06	<.01	<.01	<2	11	11	7	
A 142737	1	41	8	123	<.3	109	19	702	3.47	3	<5	<2	2	301	1.7	<2	4	93	2.12	.286	29	122	2.47	844	.30	<3	1.69	.28	.17	<2	3	<3	<3
A 142738	<1	13	6	23	<.3	1627	80	1092	3.50	77	<5	<2	<2	20	.3	<2	6	20	.46	.006	<1	1107	10.65	73<.01	10	.25	<.01	<.01	<2	6	-	-	
A 142739	2	113	4	110	<.3	31	8	533	2.67	3	<5	<2	3	9	1.3	<2	3	78	.24	.041	13	39	1.06	325	.23	<3	.89	.06	.73	<2	<2	-	-
A 142740	1	51	6	98	<.3	43	13	843	5.57	2	<5	<2	3	48	<.2	<2	4	42	1.24	.269	17	70	1.44	11	.40	<3	2.37	.03	.03	<2	<2	-	-
RE A 142740	1	53	3	95	<.3	42	12	835	5.54	<2	<5	<2	3	49	<.2	<2	11	42	1.27	.269	17	70	1.43	14	.42	<3	2.36	.03	.02	<2	<2	-	-
RRE A 142740	1	53	6	101	<.3	37	11	879	5.90	7	<5	<2	3	49	<.2	<2	<2	43	1.24	.273	17	71	1.44	36	.41	<3	2.53	.04	.02	<2	<2	-	-
A 142741	<1	38	3	50	<.3	38	14	563	2.32	<2	<5	<2	<2	47	<.2	<2	<2	38	1.85	.031	<1	45	.98	36	.48	3	1.62	.01	.12	<2	<2	-	-
A 142742	2	26	<3	16	<.3	55	7	152	1.00	7	<5	<2	2	9	<.2	2	2	9	.24	.014	4	16	.09	18	.11	5	.16	.04	.02	2	2	-	-

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: P1 ROCK P2 TO P4 SOIL AU** PT** PD** BY FIRE ASSAY & ANALYSIS BY ICP/GRAPHITE FURNACE.(30 gm)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 30 1995

DATE REPORT MAILED: Sept 6/95

SIGNED BY.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-3466

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9 Submitted by: U. Mowat

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W Au** ppm	ppb
E 142360 ³⁺⁰⁰⁵	1	12	10	30	<.3	1953	84	843	3.22	4	<5	<2	<2	31	.7	<2	<2	23	2.04	.005	<1	808	12.69	28	<.01	7	.26	<.01	<.01	<2	2
E 142361 ^{3+50E}	<1	14	5	24	<.3	1323	74	334	2.79	2	<5	<2	<2	1	<.2	<2	<2	19	.02	.004	<1	830	13.89	4	<.01	11	.26	<.01	<.01	<2	3
E 142743	1	15	11	80	.3	19	9	335	2.88	3	<5	<2	3	18	<.2	<2	<2	49	.23	.058	7	18	1.10	47	.03	<3	1.35	.05	.02	<2	<2
E 142744	1	4	5	43	<.3	1210	70	682	5.26	3	<5	<2	<2	1	.2	<2	<2	21	.07	.005	<1	427	12.03	15	<.01	12	1.39	<.01	<.01	<2	5
E 142745	<1	6	7	29	<.3	1677	100	787	4.61	5	<5	<2	<2	<1	.3	<2	<2	10	.06	.004	<1	478	10.50	15	<.01	38	.07	<.01	<.01	<2	10
E 142746 ¹³⁺⁰⁰⁵	1	2	5	26	<.3	2711	93	504	2.22	59	<5	<2	<2	9	.6	<2	<2	3	.47	.007	<1	523	12.29	28	<.01	9	.05	<.01	<.01	<2	31
E 142747	7	11	7	127	.5	24	8	362	1.49	10	<5	<2	2	96	.9	<2	<2	22	1.49	.147	14	12	.37	91	.20	<3	.62	.04	.08	<2	4
E 142748	2	10	13	55	<.3	11	1	393	2.43	2	<5	<2	4	32	<.2	<2	<2	11	.19	.024	9	8	.63	42	.15	<3	1.08	.06	.08	<2	3
E 142749	2	29	8	9	<.3	2022	84	302	5.21	10	<5	<2	<2	9	<.2	<2	<2	16	.76	.001	<1	641	13.46	5	.01	52	.21	<.01	<.01	<2	2
RE E 142749 ¹⁶⁺⁰⁰⁵	1	29	5	7	<.3	2041	84	302	5.30	10	<5	<2	<2	9	.3	<2	<2	16	.77	.001	<1	647	13.33	5	<.01	54	.21	<.01	<.01	<2	14
RRE E 142749	<1	31	3	9	<.3	2008	83	310	4.99	10	<5	<2	<2	9	.5	<2	<2	16	.80	.002	<1	648	13.42	5	.01	55	.22	<.01	<.01	<2	8
E 142760	<1	4	<3	5	<.3	552	22	199	.54	5	<5	<2	<2	180	<.2	<2	<2	5	12.96	.017	<1	104	.52	7	<.01	<3	.01	<.01	<.01	<2	12
E 142761	2	5	6	53	<.3	18	3	75	1.27	7	<5	<2	4	12	<.2	<2	<2	8	.23	.057	10	8	.35	83	<.01	<3	.56	.04	.07	<2	26
E 142762	3	3	3	5	<.3	34	2	38	.30	<2	<5	<2	<2	1	<.2	<2	<2	<1	.05	.002	<1	18	.26	4	<.01	<3	.01	<.01	<.01	2	9
E 142763	2	33	15	124	.5	9	6	1279	6.64	10	<5	<2	<2	27	<.2	<2	<2	43	.43	.069	5	12	1.69	103	.34	<3	2.29	.02	.12	<2	17
E 142764	3	20	5	11	<.3	11	1	86	.88	<2	<5	<2	<2	4	<.2	<2	<2	15	.15	.007	<1	9	.11	6	.10	<3	.21	.01	<.01	2	10
E 142765	3	5	10	37	<.3	29	2	132	1.07	<2	<5	<2	2	6	<.2	<2	<2	7	.10	.025	14	6	.32	54	.03	<3	.71	.06	.22	<2	2
E 142766	<1	36	6	56	6.9	1051	78	632	5.06	98	<5	<2	<2	6	1.3	<2	2	52	.07	.003	<1	2397	8.72	24	<.01	<3	.62	<.01	.01	<2	<2
E 142767	<1	20	8	30	.7	405	41	952	4.16	49	<5	<2	<2	81	.2	<2	<2	61	1.89	.020	<1	348	6.52	24	.01	<3	1.28	.01	.03	<2	<2
E 142768	4	13	13	30	<.3	20	2	413	1.01	3	<5	<2	<2	2	<.2	<2	<2	6	.04	.008	3	20	.35	71	<.01	<3	.41	.01	.09	<2	<2
E 142769	<1	12	4	13	.3	963	70	738	3.38	74	<5	<2	<2	2	<.2	<2	<2	7	.10	.003	<1	464	9.88	7	<.01	<3	.16	<.01	<.01	<2	33
E 142770	4	5	29	26	.4	19	2	365	.65	<2	<5	<2	<2	62	.2	<2	<2	5	.81	.005	<1	15	.19	20	<.01	<3	.19	<.01	.03	3	54
E 142771	<1	22	4	28	<.3	462	21	414	1.82	5	<5	<2	2	5	<.2	<2	<2	7	.06	.016	3	243	4.41	35	.05	5	.46	.01	.13	<2	4
E 142772	2	178	6	62	.5	77	35	821	5.75	2	<5	<2	<2	6	<.2	<2	<2	80	.57	.014	<1	79	3.29	16	.35	<3	3.11	.02	.01	<2	8
E 142773	<1	252	5	66	.8	67	36	910	6.68	5	<5	<2	<2	6	<.2	<2	<2	125	.65	.007	<1	93	2.80	11	.37	<3	3.02	.03	.01	<2	3
E 142774	3	443	6	83	.6	51	29	641	9.76	3	<5	<2	<2	38	<.2	<2	<2	63	.92	.008	<1	102	1.38	95	1.05	<3	2.75	.01	.09	<2	5
RE E 142774	1	421	10	83	.6	48	28	631	9.42	4	<5	<2	<2	38	<.2	<2	<2	63	.91	.009	1	101	1.34	92	1.04	<3	2.69	.01	.09	<2	6
RRE E 142774	<1	448	7	80	.6	50	29	601	9.21	4	<5	<2	<2	36	<.2	<2	<2	60	.88	.010	<1	97	1.26	92	1.02	3	2.53	.01	.09	<2	<2
E 142801	2	269	12	78	.5	59	29	845	5.99	2	<5	<2	<2	10	<.2	<2	<2	74	1.19	.047	<1	55	2.08	45	.73	<3	2.61	.01	.01	<2	14
E 142802	1	270	8	61	.5	55	27	702	4.88	3	<5	<2	<2	14	<.2	<2	<2	61	1.69	.043	<1	47	1.62	38	.67	<3	2.04	<.01	.02	<2	22
E 142803 ³⁺⁰⁰⁵	<1	124	8	73	.7	66	27	1076	6.20	2	<5	<2	<2	27	<.2	<2	<2	101	4.04	.038	<1	55	2.54	38	.60	<3	2.79	<.01	.05	<2	<2
E 142804	1	222	8	74	.7	48	25	843	7.16	4	<5	<2	<2	10	<.2	<2	<2	76	.97	.053	1	66	2.29	12	.87	<3	2.97	<.01	.01	<2	13
E 142805 ¹⁷⁺⁰⁰⁵	<1	15	7	11	1.1	382	40	1099	4.12	3	<5	<2	<2	6	<.2	<2	<2	25	.25	.003	<1	802	5.71	14	.02	<3	.29	<.01	<.01	<2	16
STANDARD C/AU-R	23	59	38	137	6.5	70	33	970	3.88	39	21	7	38	51	18.2	17	21	60	.48	.089	40	57	.89	181	.07	29	1.76	.06	.14	10	483

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 11 1995 DATE REPORT MAILED: *Sept 16/95* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-4082 Page 1

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9 Submitted by: U. Mowat

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
E 142806	1	13	4	<1	<.3	1958	66	354	3.57	4	<5	<2	<2	1	.2	<2	3	6	.12	.002	<1	598	13.93	1	<.01	51	.09	<.01	<.01	<2	164
E 142807	1	8	8	<1	<.3	1973	74	493	4.60	4	<5	<2	<2	1	.2	<2	<2	8	.16	.001	<1	490	12.73	1	<.01	52	.10	<.01	<.01	<2	6
E 142808	<1	12	3	<1	<.3	1231	41	335	3.09	36	<5	<2	<2	1	<.2	2	<2	7	1.41	.002	<1	414	9.65	2	<.01	28	.13	<.01	<.01	<2	862
E 142809	<1	7	4	<1	<.3	1796	65	429	4.82	37	<5	<2	<2	1	<.2	<2	<2	12	1.14	.001	<1	636	12.80	1	<.01	34	.14	<.01	<.01	<2	9
E 142810	<1	5	<3	<1	<.3	1610	60	393	4.13	8	<5	<2	<2	<1	<.2	<2	<2	11	.54	.001	<1	679	12.60	2	<.01	31	.14	<.01	<.01	<2	11
E 142811	<1	10	3	<1	<.3	1795	66	384	4.01	5	<5	<2	<2	<1	<.2	<2	<2	13	.17	.002	<1	687	13.72	1	<.01	34	.19	<.01	<.01	<2	9
E 142812	<1	5	3	<1	<.3	1618	65	390	4.56	7	<5	<2	<2	<1	<.2	2	<2	9	.38	.002	<1	452	13.00	1	<.01	30	.13	<.01	<.01	<2	15
E 142813	<1	4	4	<1	<.3	1709	61	383	3.63	3	<5	<2	<2	1	<.2	<2	<2	14	.08	.001	<1	613	13.82	3	<.01	29	.18	<.01	<.01	<2	12
E 142814	2	5	<3	<1	<.3	1893	61	420	3.26	6	<5	<2	<2	<1	<.2	<2	<2	15	.42	.001	<1	611	14.93	1	<.01	35	.25	<.01	<.01	<2	8
E 142815	<1	9	<3	<1	<.3	1617	57	729	3.68	15	<5	<2	<2	3	<.2	<2	<2	13	.70	.001	<1	531	12.07	5	<.01	31	.17	<.01	<.01	<2	122
RE E 142815	<1	9	3	<1	<.3	1727	61	774	3.92	17	<5	<2	<2	3	.2	2	<2	14	.74	.001	<1	557	12.78	6	<.01	34	.17	<.01	<.01	<2	129
RRE E 142815	<1	11	3	<1	<.3	1816	66	906	4.32	14	<5	<2	<2	5	<.2	2	<2	15	.82	.001	<1	597	13.69	10	<.01	35	.20	.01	<.01	<2	84
E 142816	<1	10	6	<1	<.3	1834	63	671	4.26	4	<5	<2	<2	3	<.2	<2	<2	14	.62	.001	<1	543	13.56	7	<.01	28	.19	<.01	<.01	<2	4
E 142817	<1	10	4	<1	<.3	1941	72	569	5.04	4	<5	<2	<2	2	<.2	<2	3	16	.12	.002	<1	650	14.60	5	<.01	30	.23	<.01	<.01	<2	4
E 142818	1	4	<3	<1	<.3	1448	62	487	4.58	3	<5	<2	<2	3	<.2	2	<2	39	.78	.012	<1	403	12.06	5	.03	24	1.12	<.01	<.01	<2	<2
E 142819	1	7	3	5	<.3	2073	78	524	5.15	6	<5	<2	<2	1	.2	<2	<2	20	.22	.002	<1	771	14.94	3	<.01	30	.41	<.01	<.01	<2	<2
E 142820	1	19	4	1	<.3	1728	67	457	3.97	8	<5	<2	<2	2	<.2	<2	<2	12	.23	.002	<1	426	13.28	4	.01	23	.46	<.01	<.01	<2	3
E 142821	<1	5	3	2	<.3	1625	57	348	3.48	4	<5	<2	<2	1	.2	<2	<2	39	.33	.005	<1	576	11.60	5	.02	27	2.25	<.01	<.01	<2	<2
E 142822	<1	3	<3	3	<.3	1342	53	392	3.70	<2	<5	<2	<2	2	<.2	<2	<2	32	.48	.013	<1	424	10.55	5	.02	23	2.16	<.01	<.01	<2	<2
E 142823	2	4	<3	5	<.3	1263	59	410	4.19	3	<5	<2	<2	2	.2	<2	<2	66	.73	.013	<1	443	10.63	5	.05	12	3.06	<.01	<.01	2	3
E 142824	2	10	<3	1	<.3	1729	65	407	4.09	2	<5	<2	<2	2	<.2	<2	<2	27	1.47	.002	<1	625	13.98	6	.02	35	.85	<.01	<.01	<2	59
E 142825	<1	22	<3	4	<.3	1649	68	551	4.52	<2	<5	<2	<2	6	.2	<2	<2	31	.85	.002	<1	629	13.74	12	.02	32	.96	<.01	<.01	<2	178
E 142826	<1	91	3	18	.3	1911	83	1317	4.61	3	<5	<2	<2	26	.2	<2	<2	15	.74	.003	<1	460	15.05	50	.01	38	.50	<.01	<.01	<2	5
E 142827	<1	10	<3	3	<.3	1762	72	438	4.71	<2	<5	<2	<2	2	<.2	<2	<2	30	.91	.007	<1	491	14.52	5	.02	34	1.06	<.01	<.01	<2	4
E 142828	<1	10	<3	9	<.3	1233	71	388	5.64	3	<5	<2	<2	2	.2	4	<2	89	.29	.019	<1	442	10.90	6	.05	15	3.29	<.01	<.01	<2	<2
E 142829	<1	3	<3	8	<.3	1323	52	400	3.59	3	<5	<2	<2	3	.2	<2	<2	42	1.07	.005	<1	702	10.86	10	.04	11	3.11	<.01	<.01	<2	<2
E 142830	<1	11	<3	8	<.3	919	53	389	4.41	3	<5	<2	<2	3	<.2	3	<2	59	.79	.012	<1	679	8.65	9	.04	8	3.19	<.01	<.01	3	<2
E 142831	2	13	<3	25	<.3	2195	96	704	3.85	12	<5	<2	<2	2	.3	<2	<2	20	.03	.003	<1	807	19.59	12	<.01	33	.59	<.01	<.01	<2	9
E 142832	<1	11	3	19	<.3	2139	93	760	3.48	12	<5	<2	<2	2	.3	<2	<2	21	.06	.004	<1	1040	18.70	13	.01	31	1.05	<.01	<.01	<2	2
E 142833	1	8	<3	12	<.3	2067	82	542	3.24	11	<5	<2	<2	1	.2	<2	<2	19	.04	.002	<1	900	18.60	6	.01	29	1.21	<.01	<.01	<2	2
RE E 142833	1	9	<3	12	<.3	2106	84	549	3.30	11	<5	<2	<2	1	.2	<2	<2	19	.04	.002	<1	913	18.68	6	.01	31	1.22	<.01	<.01	<2	<2
RRE E 142833	3	9	3	14	<.3	2094	86	626	3.35	12	<5	<2	<2	2	.3	<2	3	19	.06	.003	<1	904	19.01	8	.01	31	1.20	<.01	<.01	<2	<2
E 142834	1	10	<3	11	<.3	2284	91	577	3.15	11	<5	<2	<2	1	.2	<2	2	15	.05	.002	<1	838	18.40	6	.01	30	.93	<.01	<.01	<2	<2
E 142835	4	15	3	16	<.3	2361	102	740	3.64	11	<5	<2	<2	3	.2	<2	<2	18	.02	.003	<1	839	20.35	11	<.01	29	.63	<.01	<.01	<2	<2
E 142836	<1	31	3	17	<.3	2402	107	711	4.23	9	<5	<2	<2	1	.2	<2	<2	14	.01	.003	<1	628	18.49	8	<.01	18	.31	<.01	<.01	<2	<2
E 142837	1	20	<3	23	<.3	1874	84	720	3.24	11	<5	<2	<2	1	.2	<2	<2	19	.03	.005	<1	979	16.94	15	.01	20	.54	<.01	<.01	<2	<2
E 142838	1	27	4	11	<.3	1974	81	604	3.63	5	<5	<2	<2	1	.3	<2	<2	17	.01	.003	<1	731	14.56	7	<.01	16	.39	<.01	<.01	<2	<2
STANDARD C/AU-R	20	59	35	125	6.5	67	30	1122	4.04	41	21	7	37	52	18.4	19	19	58	.52	.094	41	59	.96	190	.09	27	1.94	.06	.16	14	460

114005/10700E

114005/7+25E

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000/PPB - SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 13 1995 DATE REPORT MAILED: Oct 23/95 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
E 142839	<1	24	<3	23	<.3	2066	90	735	3.61	6	<5	<2	<2	1	.3	<2	3	17	.01	.005	<1	820	15.09	11	<.01	14	.43	<.01	<.01	<2	27
E 142840	<1	21	4	15	<.3	2352	97	811	3.91	10	<5	2	<2	1	.4	<2	2	28	.03	.007	<1	915	17.34	9	.01	17	.96	<.01	<.01	<2	7
E 142841	1	16	<3	37	<.3	2053	100	659	3.81	9	<5	<2	<2	1	.3	<2	<2	20	.02	.005	<1	999	18.21	12	<.01	17	.50	<.01	<.01	<2	18
E 142842	1	29	7	34	<.3	1642	91	670	5.23	6	<5	<2	<2	2	.2	<2	2	59	.03	.011	<1	702	15.71	9	.01	12	1.82	<.01	.01	<2	11
E 142843	<1	6	<3	<1	<.3	2306	80	317	3.57	5	<5	<2	<2	<1	.3	<2	<2	3	<.01	.002	<1	355	13.79	2	<.01	42	.08	<.01	<.01	<2	10
E 142844	1	8	<3	<1	<.3	2385	81	371	4.23	15	<5	<2	<2	1	.4	<2	<2	7	.48	.005	<1	594	14.75	2	<.01	36	.11	<.01	<.01	<2	33
E 142845	1	2	<3	1	<.3	2196	78	336	3.99	4	<5	<2	<2	<1	.3	<2	<2	6	.01	.002	<1	477	13.92	1	<.01	30	.11	<.01	<.01	<2	23
RE E 142845	2	3	<3	<1	<.3	2200	78	339	4.00	5	<5	<2	<2	<1	.3	<2	<2	6	.01	.002	<1	476	13.93	1	<.01	28	.11	<.01	<.01	<2	11
RRE E 142845	<1	2	<3	1	<.3	2133	76	338	3.81	5	<5	<2	<2	<1	.3	<2	<2	5	.02	.002	<1	460	13.46	1	<.01	27	.11	<.01	<.01	<2	8
E 142846	1	4	<3	5	<.3	2127	83	352	4.59	4	<5	<2	<2	<1	<.2	<2	2	7	.01	.002	<1	472	13.96	1	<.01	30	.10	<.01	<.01	<2	4
E 142847	<1	3	<3	7	<.3	1964	79	340	4.31	4	<5	<2	<2	<1	.3	<2	2	7	.01	.002	<1	439	13.68	1	<.01	26	.09	<.01	<.01	<2	4
E 142848	<1	8	<3	10	<.3	1471	47	331	3.58	14	<5	<2	<2	2	.3	2	<2	5	1.41	.002	<1	402	8.88	3	<.01	18	.08	<.01	<.01	<2	19
E 142849	<1	6	<3	24	<.3	2007	77	427	4.06	28	<5	<2	<2	1	.4	3	<2	5	.24	.002	<1	351	14.26	3	<.01	21	.12	<.01	<.01	<2	10
STANDARD C/AU-R	20	58	37	140	6.3	67	33	1101	3.96	42	18	7	37	52	18.3	17	19	61	.51	.093	40	69	.91	195	.09	23	1.97	.06	.16	12	470

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-4109 Page 1

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9 Submitted by: U. Mowat

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W Au** ppm	ppb
E 142366	<1	7	7	1	<.3	2522	107	352	3.70	131	<5	<2	<2	1	<.2	7	<2	13	.02	.003	<1	622	17.42	4	<.01	102	.15	<.01	<.01	<2	7
E 142367	1	10	4	<1	<.3	2584	104	467	4.88	119	<5	<2	<2	1	<.2	5	6	15	.03	.003	<1	602	17.24	8	<.01	101	.18	<.01	<.01	<2	49
E 142368	<1	12	3	1	<.3	2573	105	399	4.45	88	<5	<2	<2	1	<.2	3	4	14	.05	.003	<1	631	17.32	<1	<.01	78	.16	<.01	<.01	<2	30
E 142369	<1	4	5	<1	<.3	2491	101	338	4.52	93	<5	<2	<2	1	<.2	3	4	14	.01	.003	<1	737	16.89	<1	<.01	80	.16	<.01	<.01	<2	6
E 142370	<1	6	5	5	<.3	2382	101	376	4.14	119	<5	<2	<2	1	<.2	6	4	14	.04	.003	<1	654	15.78	2	<.01	100	.16	<.01	<.01	<2	11
E 142371	<1	11	3	<1	<.3	2488	102	289	4.27	57	<5	<2	<2	1	<.2	2	<2	14	.15	.002	<1	509	14.75	2	<.01	51	.27	<.01	<.01	<2	60
E 142372	<1	11	<3	9	<.3	2328	93	327	4.63	41	<5	<2	<2	2	<.2	<2	6	14	.29	.003	<1	585	14.86	4	<.01	40	.35	<.01	<.01	<2	26
E 142373	<1	43	7	30	<.3	2230	93	510	3.72	12	<5	<2	<2	2	<.2	<2	12	29	.07	.001	<1	1471	18.72	6	.01	26	.64	<.01	<.01	<2	7
E 142374	<1	2	<3	21	<.3	667	27	261	1.66	5	<5	<2	<2	2	<.2	<2	<2	14	.36	.003	<1	1090	5.12	14	<.01	<3	1.40	.01	.01	<2	14
E 142375	<1	55	3	<1	<.3	2309	90	255	3.96	9	<5	<2	<2	1	<.2	<2	3	16	.14	.008	<1	512	14.85	<1	.01	41	.42	<.01	<.01	<2	558
E 142376	<1	68	6	<1	<.3	2098	81	261	3.30	8	<5	<2	<2	1	.4	<2	2	16	.43	.009	<1	463	14.68	<1	.02	39	.51	<.01	<.01	<2	49
E 142377	<1	63	5	10	<.3	1201	88	416	7.68	14	<5	<2	<2	2	.2	<2	5	37	1.70	.029	1	356	10.19	6	.04	22	1.45	<.01	.01	<2	499
RE E 142377	<1	59	4	8	.3	1190	82	398	7.26	9	<5	<2	<2	2	<.2	<2	<2	35	1.62	.026	<1	338	9.67	2	.03	22	1.38	<.01	.01	<2	384
RRE E 142377	<1	69	9	6	<.3	1342	94	399	7.83	9	<5	<2	<2	2	.7	<2	2	35	1.67	.027	<1	315	11.09	<1	.03	29	1.23	<.01	.01	<2	605
E 142378	<1	59	4	<1	<.3	1348	59	285	4.68	6	<5	<2	<2	3	.6	<2	<2	32	3.65	.023	<1	443	10.40	6	.03	25	1.10	<.01	<.01	<2	399
E 142379	<1	50	6	<1	<.3	2618	82	296	4.36	6	<5	<2	<2	1	.4	<2	5	15	.09	.003	<1	483	16.45	<1	.01	54	.42	<.01	.01	<2	27
E 142380	<1	39	3	1	<.3	1932	47	199	2.58	4	<5	<2	<2	2	.3	<2	<2	7	2.17	.002	<1	483	11.01	<1	<.01	29	.11	<.01	<.01	<2	115
E 142381	<1	10	8	5	<.3	2560	104	604	6.36	9	<5	<2	<2	1	<.2	<2	3	19	.31	.004	<1	711	13.00	2	<.01	92	.14	<.01	.01	<2	23
E 142382	<1	6	8	6	<.3	2551	105	618	5.53	6	<5	<2	<2	1	.4	<2	<2	15	.16	.002	<1	638	14.10	2	<.01	99	.11	<.01	.01	<2	11
E 142383	<1	5	12	<1	<.3	2932	118	532	5.91	28	<5	<2	<2	1	<.2	<2	2	20	.05	.009	<1	1015	18.95	<1	<.01	82	.23	<.01	<.01	<2	6
E 142384	<1	6	7	<1	<.3	2975	128	512	5.01	23	<5	<2	<2	<1	<.2	2	2	17	.03	.002	<1	949	19.46	<1	<.01	82	.20	<.01	<.01	<2	16
E 142385	<1	4	7	3	<.3	3174	132	636	6.56	23	<5	<2	<2	1	<.2	2	3	18	.05	.002	<1	921	17.76	<1	<.01	101	.16	<.01	<.01	<2	7
E 142386	<1	7	3	1	<.3	3009	125	506	4.77	24	<5	<2	<2	<1	<.2	2	<2	19	<.01	.006	<1	1033	21.48	<1	<.01	71	.28	<.01	.01	<2	7
E 142387	<1	9	3	3	<.3	2058	91	393	3.64	11	<5	<2	<2	4	.2	<2	4	12	.87	.002	<1	604	12.97	<1	<.01	47	.17	<.01	.01	<2	161
RE E 142387	<1	9	4	<1	<.3	2214	97	416	3.88	12	<5	<2	<2	5	<.2	<2	6	13	.92	.002	<1	644	13.69	<1	<.01	45	.18	<.01	.01	<2	151
RRE E 142387	<1	9	3	2	<.3	2068	91	416	3.68	14	<5	<2	<2	5	.2	<2	<2	13	.99	.002	<1	617	12.76	4	<.01	47	.18	<.01	<.01	<2	182
E 142775	<1	6	3	7	<.3	2599	102	330	4.02	74	<5	<2	<2	1	<.2	3	4	24	.09	.002	<1	1140	19.23	2	<.01	83	.39	<.01	<.01	<2	9
E 142776	<1	5	3	8	<.3	2371	99	419	4.64	63	<5	<2	<2	1	<.2	3	4	26	.14	.003	<1	1070	17.82	4	<.01	62	.42	<.01	<.01	<2	9
E 142777	<1	9	4	8	<.3	2565	111	417	5.00	79	<5	<2	<2	1	<.2	3	6	24	.12	.003	<1	1019	17.28	2	<.01	68	.36	<.01	<.01	<2	4
E 142778	<1	8	9	8	<.3	2634	113	411	4.83	64	<5	<2	<2	1	.2	2	<2	25	.07	.003	<1	942	17.99	4	<.01	64	.38	<.01	<.01	<2	6
E 142779	<1	6	4	15	<.3	2579	106	432	4.57	52	<5	<2	<2	1	<.2	<2	5	25	.07	.003	<1	1016	17.91	6	<.01	51	.39	<.01	.01	<2	10
E 142780	<1	21	5	13	<.3	2328	93	366	4.43	28	<5	<2	<2	1	.2	<2	<2	23	.43	.002	<1	856	14.74	6	.01	35	.46	<.01	<.01	<2	4
E 142781	<1	19	3	5	<.3	2217	94	395	4.55	37	<5	<2	<2	1	<.2	<2	7	22	.47	.001	<1	1155	14.01	4	.01	41	.38	<.01	<.01	<2	6
E 142782	<1	9	5	22	<.3	2273	94	388	4.54	48	<5	<2	<2	1	<.2	2	7	23	.13	.002	<1	1262	15.29	8	<.01	52	.38	<.01	.01	<2	5
E 142783	<1	9	8	4	<.3	2348	98	368	4.55	44	5	<2	<2	1	<.2	<2	2	23	.17	.001	<1	1016	15.31	<1	<.01	43	.37	<.01	.01	<2	5
E 142784	<1	7	5	14	<.3	1877	78	379	4.25	17	<5	<2	<2	1	<.2	<2	4	23	.56	.002	<1	951	12.38	8	.01	28	.42	<.01	.01	<2	<2
E 142785	<1	5	7	7	<.3	2425	105	312	4.84	69	<5	<2	<2	<1	<.2	5	4	23	.08	.003	<1	1235	16.89	2	<.01	69	.39	<.01	.01	<2	3
STANDARD C/AU-R	20	62	38	143	6.7	69	32	1061	4.10	38	19	6	37	51	18.5	15	19	61	.50	.094	40	59	.93	183	.08	25	1.88	.06	.16	10	488

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: P1 TO P2 ROCK P3 TO P4 SOIL AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 16 1995 DATE REPORT MAILED: *Oct 21/95* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W Au** ppm	ppb
E 142786	1	5	4	9	<.3	2376	100	388	4.93	54	<5	<2	<2	1	<.2	<2	3	19	.18	.003	<1	1028	16.57	5	.01	53	.38	<.01	<.01	<2	<2
E 142787	1	6	<3	4	<.3	2886	144	914	4.49	218	<5	<2	<2	1	<.2	7	4	15	.14	.003	<1	884	22.67	3	<.01	152	.20	<.01	<.01	<2	4
E 142788	1	15	<3	7	<.3	2975	153	853	5.52	261	<5	<2	<2	1	<.2	9	<2	14	.15	.002	<1	836	19.77	1	<.01	191	.15	<.01	<.01	<2	2
E 142789	1	21	<3	6	<.3	2878	118	545	4.66	166	<5	<2	<2	<1	<.2	6	<2	15	.05	.003	<1	744	19.51	1	<.01	128	.21	<.01	<.01	<2	<2
E 142790	1	14	3	5	.3	2761	109	466	4.41	135	<5	<2	<2	<1	<.2	4	4	12	.07	.003	<1	787	18.41	3	<.01	105	.18	<.01	<.01	<2	<2
E 142791	2	8	3	5	<.3	2618	101	459	3.84	146	<5	<2	<2	<1	<.2	5	6	12	.04	.002	<1	776	19.11	1	<.01	111	.19	<.01	<.01	<2	<2
E 142792	1	7	3	7	<.3	2813	126	733	4.59	176	<5	<2	<2	<1	<.2	5	3	12	.09	.003	<1	855	19.66	<1	<.01	129	.17	<.01	<.01	<2	13
E 142793	1	6	<3	6	<.3	2491	101	436	3.99	131	<5	<2	<2	<1	.2	4	<2	12	.01	.003	<1	745	17.40	6	<.01	104	.17	<.01	<.01	<2	5
RE E 142793	1	7	3	6	<.3	2484	100	435	4.00	133	<5	<2	<2	<1	<.2	5	<2	11	.01	.003	<1	744	17.40	3	<.01	103	.17	<.01	<.01	<2	5
RRE E 142793	1	7	<3	6	<.3	2449	100	448	3.94	131	<5	<2	<2	<1	.3	5	<2	11	.02	.002	<1	740	17.26	3	<.01	104	.17	<.01	<.01	<2	4
E 142794	1	8	<3	7	<.3	2649	111	556	4.28	134	<5	<2	<2	<1	<.2	5	<2	11	.05	.003	<1	722	18.04	3	<.01	105	.15	<.01	<.01	<2	2
E 142795	1	8	<3	6	<.3	2751	112	521	4.39	141	<5	<2	<2	<1	.2	5	2	12	.04	.002	<1	740	18.26	<1	<.01	111	.16	<.01	<.01	<2	<2
E 142796	1	8	3	9	<.3	2707	129	725	4.21	244	<5	<2	<2	<1	<.2	10	2	12	.13	.002	<1	830	20.05	4	<.01	170	.16	<.01	<.01	<2	4
E 142797	1	20	<3	10	<.3	2600	100	309	4.07	99	<5	<2	<2	<1	<.2	4	2	10	.03	.002	<1	717	15.91	3	<.01	83	.14	<.01	<.01	<2	<2
E 142798	1	13	<3	7	<.3	2793	122	626	4.67	175	<5	<2	<2	<1	<.2	7	<2	13	.03	.003	<1	765	19.23	4	<.01	120	.17	<.01	<.01	<2	<2
E 142799	1	7	<3	8	<.3	2655	110	524	4.62	173	<5	<2	<2	<1	<.2	8	3	13	.04	.002	<1	819	18.80	2	<.01	135	.16	<.01	<.01	<2	7
E 142800	1	7	<3	5	<.3	2657	110	581	4.96	152	<5	<2	<2	<1	<.2	6	<2	14	.04	.003	<1	876	19.31	6	<.01	122	.19	<.01	<.01	<2	4
STANDARD C/AU-R	20	55	34	124	6.1	68	30	1102	3.94	37	20	8	41	48	17.3	17	23	58	.49	.092	38	55	.87	171	.06	25	1.78	.06	.15	11	453

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE

Hera Resources Inc. PROJECT BORNITE File # 95-4123 Page 1

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9 Submitted by: U. Mowat

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
E 125001	<1	15	14	20	<.3	1032	49	655	3.38	74	<5	<2	<2	10	<.2	6	<2	18	.29	.004	1	1139	9.19	7	<.01	<3	.40	<.01	.01	<2	2
E 125002	<1	20	5	22	<.3	850	54	733	3.74	60	<5	<2	<2	11	<.2	<2	2	31	.35	.009	<1	1469	8.86	8	<.01	<3	.73	<.01	<.01	<2	<2
E 125003	<1	21	<3	15	<.3	862	49	716	3.39	68	<5	<2	<2	12	<.2	2	3	17	.29	.002	<1	1158	8.61	5	<.01	<3	.40	<.01	<.01	<2	<2
E 125004	<1	13	<3	18	<.3	872	42	668	2.70	64	<5	<2	<2	10	<.2	<2	<2	17	.22	.004	<1	1158	6.27	8	<.01	<3	.39	<.01	<.01	<2	<2
E 125005	<1	16	3	19	<.3	927	55	926	3.74	69	<5	<2	<2	6	<.2	<2	<2	20	.18	.004	1	1223	9.13	6	<.01	<3	.48	<.01	<.01	<2	<2
E 125006	<1	15	4	13	<.3	974	59	620	3.50	64	<5	<2	<2	12	<.2	<2	<2	18	.29	.002	<1	1154	9.13	5	<.01	<3	.43	<.01	<.01	<2	6
E 125007	<1	27	3	11	<.3	1034	66	465	2.69	81	<5	<2	<2	59	<.2	<2	<2	16	1.23	.001	<1	1100	6.21	3	<.01	<3	.41	<.01	<.01	<2	<2
E 125008	<1	28	<3	14	<.3	735	54	420	2.10	129	<5	<2	<2	45	<.2	2	<2	18	.84	.002	<1	1043	6.66	5	<.01	<3	.60	<.01	<.01	<2	<2
E 125009	1	16	3	15	<.3	622	40	392	2.11	126	<5	<2	<2	32	<.2	<2	<2	16	.69	.002	<1	1076	7.14	5	<.01	<3	.57	<.01	<.01	<2	<2
E 125010	<1	26	4	11	<.3	636	45	264	2.11	65	<5	<2	<2	9	<.2	<2	<2	19	.20	.001	<1	1372	6.16	4	<.01	3	.51	<.01	<.01	<2	<2
RE E 125010	<1	27	<3	12	<.3	597	45	265	2.10	66	<5	<2	<2	9	<.2	<2	<2	18	.20	.002	<1	1327	6.09	4	<.01	<3	.50	<.01	<.01	<2	<2
RRE E 125010	1	26	3	14	<.3	606	46	263	2.11	66	<5	<2	<2	12	<.2	<2	2	19	.25	.002	<1	1414	6.16	5	<.01	<3	.53	<.01	<.01	<2	<2
E 125011	1	22	3	14	<.3	519	39	358	2.25	58	<5	<2	<2	21	<.2	<2	<2	21	.34	.002	<1	1357	5.64	5	<.01	<3	.54	<.01	<.01	<2	<2
E 125012	<1	11	3	15	<.3	671	47	519	3.37	39	<5	<2	<2	10	<.2	2	3	19	.27	.002	<1	1235	8.77	3	<.01	<3	.39	<.01	<.01	<2	<2
E 125013	<1	35	<3	11	<.3	528	43	628	2.56	51	<5	<2	<2	74	<.2	<2	<2	26	1.44	.002	<1	1228	5.88	3	<.01	<3	.61	<.01	<.01	<2	<2
E 125014	<1	15	3	36	<.3	1414	70	630	4.29	11	<5	<2	<2	2	<.2	<2	2	25	.11	.002	1	1209	14.94	14	<.01	20	.49	<.01	<.01	<2	<2
E 125015	<1	8	6	34	<.3	1511	72	567	3.86	17	<5	<2	<2	<1	.2	2	<2	17	.01	.002	1	1295	17.34	6	<.01	15	.34	<.01	<.01	<2	<2
E 125016	<1	12	5	35	<.3	1545	73	543	4.01	15	<5	<2	<2	1	<.2	<2	3	18	.02	.003	1	1423	19.41	3	<.01	15	.37	<.01	<.01	<2	<2
E 125017	<1	5	3	32	<.3	1426	66	537	3.84	10	<5	<2	<2	<1	<.2	3	<2	17	.01	.003	1	1327	18.30	4	<.01	15	.36	<.01	<.01	<2	<2
E 125018	<1	5	3	33	<.3	1582	63	493	3.47	8	<5	<2	<2	1	<.2	<2	2	20	.02	.003	1	1159	17.92	8	<.01	14	.48	<.01	<.01	<2	11
E 125019	<1	970	<3	243	1.2	479	61	1142	12.66	<2	<5	<2	2	63	1.9	<2	<2	59	1.61	.309	16	377	4.19	19	.37	<3	5.92	<.01	.01	<2	2
RE 125020	<1	135	<3	217	.3	277	50	1299	10.84	<2	<5	<2	<2	71	1.1	<2	3	56	1.27	.349	9	325	3.86	10	.32	<3	5.25	<.01	.01	<2	18
RRE E 125020	<1	138	<3	220	.3	286	51	1307	10.91	4	<5	<2	<2	73	1.0	<2	<2	57	1.29	.355	9	328	3.96	11	.33	<3	5.32	<.01	.01	<2	16
E 125021	<1	204	<3	222	.3	307	52	1320	11.07	2	<5	<2	2	67	1.3	<2	2	60	1.26	.357	9	345	4.02	10	.32	<3	5.32	<.01	.01	<2	22
E 125022	<1	24	3	24	<.3	1331	57	470	4.22	10	<5	<2	<2	8	<.2	2	3	25	.57	.008	<1	1113	12.90	4	.03	16	.51	<.01	<.01	<2	<2
STANDARD C/AU-R	21	63	35	135	6.8	75	33	1058	4.20	42	19	7	39	55	18.6	19	20	57	.54	.098	41	66	.97	176	.10	27	1.84	.06	.17	13	485

3+005/13+50E

3+005 12+50E
12+005

3+005 11+75E

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 16 1995 DATE REPORT MAILED: Oct 25/95 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
E 142388	1	9	<3	27	<.3	1556	63	445	4.12	<2	<5	<2	<2	2	<.2	<2	4	29	.25	.005	<1	1384	14.97	5	.02	16	.70	<.01	<.01	<2	<2
E 142389	1	5	<3	6	<.3	2028	77	828	3.37	72	<5	<2	<2	2	<.2	<2	3	16	.07	.005	<1	323	22.68	2	<.01	116	.21	<.01	<.01	<2	3
E 142390	1	8	4	9	<.3	1732	90	407	4.48	17	<5	<2	<2	1	<.2	<2	3	28	.01	.002	<1	1084	18.70	1	.01	60	.43	<.01	<.01	<2	2
E 142391	1	3	<3	10	<.3	1585	76	620	4.86	17	5	<2	<2	5	<.2	<2	2	27	.24	.003	<1	970	19.97	2	.01	64	.39	<.01	.01	<2	<2
E 142392	2	7	4	59	<.3	52	14	620	4.08	3	<5	<2	5	38	<.2	3	<2	108	2.16	.133	18	25	3.00	82	.56	5	1.66	.11	.15	<2	7
E 142393	1	20	3	38	<.3	1267	75	674	4.34	9	<5	<2	<2	2	<.2	<2	3	39	.02	.003	1	1556	19.27	9	.01	31	.60	<.01	<.01	<2	<2
E 142394	1	23	3	33	<.3	1457	72	638	4.21	9	<5	<2	2	1	<.2	<2	3	32	.01	.003	<1	1277	19.53	7	.01	23	.45	<.01	<.01	<2	3
E 142395	1	15	<3	27	<.3	1394	68	525	3.95	6	<5	<2	<2	1	<.2	<2	4	31	.02	.003	<1	1151	18.88	5	.01	18	.39	<.01	<.01	<2	3
E 142396	1	26	<3	37	<.3	1384	69	619	4.07	7	<5	<2	<2	1	<.2	<2	5	28	.01	.004	<1	1175	18.90	7	<.01	19	.34	<.01	<.01	<2	3
RE E 142396	1	26	<3	38	<.3	1423	70	617	4.05	9	<5	<2	<2	1	<.2	<2	5	27	.01	.003	<1	1167	18.83	7	<.01	18	.34	<.01	.01	<2	<2
RRE E 142396	1	24	6	34	<.3	1415	67	575	3.77	6	<5	<2	2	1	<.2	<2	5	26	.01	.003	1	1079	17.75	7	<.01	16	.32	<.01	.01	<2	2
E 142397	1	12	<3	39	<.3	1404	67	621	3.97	9	<5	<2	2	1	<.2	<2	4	30	.01	.004	<1	1166	18.65	7	<.01	17	.40	<.01	.01	<2	<2
E 142398	1	11	<3	34	<.3	1443	69	591	4.00	6	<5	<2	<2	1	<.2	<2	5	29	.01	.003	<1	1088	18.65	7	<.01	18	.38	<.01	.01	<2	<2
E 142399	1	12	<3	32	<.3	1565	70	582	4.20	6	<5	<2	2	1	<.2	<2	3	31	.01	.003	<1	1114	18.94	4	<.01	19	.43	<.01	.01	<2	<2
E 142400	1	16	<3	33	<.3	1526	72	578	4.21	5	<5	<2	2	1	<.2	<2	4	36	.01	.003	<1	1156	19.98	4	<.01	19	.58	<.01	<.01	<2	2
STANDARD C/AU-R	21	59	41	135	6.6	73	33	1062	4.11	37	21	7	38	55	19.0	11	22	61	.55	.094	41	50	.95	180	.09	25	1.81	.06	.17	10	486

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-4146 Page 1

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9 Submitted by: U. Mowat

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
E 125023	<1	10	<3	10	<.3	2042	86	488	6.11	65	8	<2	<2	<1	.4	2	<2	18	.18	.003	<1	976	16.25	2	<.01	65	.24	<.01	<.01	<2	2
E 125024	<1	8	<3	11	<.3	1988	80	429	5.01	50	8	<2	<2	<1	<.2	7	<2	15	.12	.002	<1	821	14.18	2	<.01	54	.19	<.01	<.01	<2	4
E 125025	<1	10	4	9	<.3	2013	80	407	4.08	58	7	<2	<2	<1	<.2	2	<2	16	.05	.002	<1	773	16.34	2	<.01	53	.24	<.01	<.01	<2	<2
E 125026	<1	4	<3	8	<.3	2052	71	428	4.39	37	8	<2	<2	1	<.2	<2	<2	22	.39	.003	<1	1145	17.35	1	<.01	51	.37	<.01	<.01	<2	3
E 125027	<1	5	<3	8	<.3	1782	69	384	3.97	35	10	<2	<2	1	.3	<2	<2	22	.37	.002	<1	1096	17.92	2	<.01	51	.38	<.01	.01	<2	8
E 125028	<1	5	<3	12	<.3	1807	77	517	4.84	41	10	<2	<2	2	<.2	<2	<2	20	.45	.002	<1	1181	16.41	2	<.01	55	.31	<.01	.01	<2	5
E 125029	<1	11	<3	12	<.3	1665	70	334	3.70	28	9	<2	<2	1	<.2	3	2	20	.23	.002	<1	1014	15.74	1	<.01	40	.34	<.01	.01	<2	<2
E 125030	<1	6	3	17	<.3	1795	73	383	4.17	30	7	<2	<2	<1	<.2	2	<2	22	.06	.002	1	1010	15.79	7	<.01	38	.36	<.01	<.01	<2	<2
E 125031	<1	4	<3	10	<.3	1865	75	517	4.79	37	9	<2	<2	3	<.2	2	<2	21	.68	.002	<1	1174	15.88	3	<.01	47	.34	<.01	<.01	<2	4
E 125032	<1	5	<3	14	<.3	2334	77	399	4.16	48	8	<2	<2	1	.3	<2	<2	24	.13	.002	<1	1355	19.66	2	<.01	62	.44	<.01	<.01	<2	<2
E 125033	<1	5	<3	8	<.3	2521	83	504	4.81	51	6	<2	<2	<1	.3	2	<2	16	.07	.003	<1	965	17.12	2	<.01	63	.22	<.01	<.01	<2	3
RE E 125034	<1	2	<3	8	<.3	1039	47	531	7.03	18	6	<2	<2	7	.6	<2	<2	12	2.02	.003	<1	289	9.35	5	<.01	22	.84	<.01	<.01	<2	<2
RRE E 125034	<1	1	<3	9	<.3	997	49	556	7.39	21	<5	<2	<2	8	.7	<2	<2	13	2.08	.003	<1	300	9.66	5	<.01	25	.88	<.01	<.01	<2	<2
E 125035	<1	12	<3	44	<.3	1791	57	611	4.17	5	7	<2	<2	9	.4	<2	<2	25	.76	.007	<1	1015	13.18	14	.01	13	.54	<.01	.01	<2	<2
E 125036	<1	24	<3	25	<.3	1762	60	513	4.64	5	7	<2	<2	4	.3	<2	<2	39	.53	.004	<1	1107	14.85	5	<.01	21	.73	<.01	<.01	<2	3
E 125037	<1	10	<3	10	<.3	1948	67	450	3.83	88	5	<2	<2	1	.2	6	<2	15	.17	.002	<1	591	15.34	2	<.01	83	.32	<.01	.01	<2	2
E 125038	<1	11	<3	10	<.3	2019	77	475	4.54	103	6	<2	<2	<1	.4	4	<2	18	.04	.002	1	849	17.38	2	<.01	84	.30	<.01	<.01	<2	<2
E 125039	<1	11	<3	11	<.3	1664	87	982	3.72	153	<5	<2	<2	1	.3	6	<2	12	.18	.004	<1	576	17.73	2	<.01	113	.24	<.01	<.01	<2	2
E 125040	<1	8	<3	8	<.3	1986	71	282	4.22	34	6	<2	<2	<1	<.2	2	<2	11	.04	.002	1	552	15.32	1	<.01	40	.15	<.01	.01	<2	<2
E 125041	<1	7	<3	11	<.3	2219	97	736	4.38	229	<5	<2	<2	<1	.2	7	<2	14	.06	.003	<1	861	21.38	2	<.01	199	.15	<.01	<.01	<2	<2
E 125042	<1	9	<3	11	<.3	2291	82	737	4.80	85	5	<2	<2	1	<.2	2	2	18	.21	.002	<1	1187	17.98	2	<.01	87	.25	<.01	<.01	<2	2
E 125043	<1	12	<3	10	<.3	2192	91	446	4.82	111	<5	<2	<2	<1	.3	3	<2	16	.01	.002	1	795	17.67	3	<.01	98	.19	<.01	<.01	<2	8
E 125044	<1	9	<3	11	<.3	2239	95	482	4.74	160	7	<2	<2	<1	.3	5	<2	18	.02	.003	1	929	19.59	2	<.01	135	.25	<.01	.01	<2	20
E 125045	<1	13	<3	10	<.3	2138	78	350	4.47	106	5	<2	<2	<1	.2	4	<2	16	.06	.003	<1	790	16.47	2	<.01	91	.22	<.01	<.01	<2	4
E 125046	<1	20	<3	8	<.3	2325	75	321	4.86	103	<5	<2	<2	<1	.2	2	<2	17	<.01	.002	<1	763	17.74	1	<.01	85	.23	<.01	<.01	<2	4
E 125047	<1	22	<3	12	<.3	2273	83	501	4.98	108	<5	<2	<2	<1	.3	4	<2	16	.01	.002	1	755	17.76	3	<.01	95	.20	<.01	<.01	<2	<2
E 125048	<1	11	<3	8	<.3	1976	74	377	4.21	80	5	<2	<2	<1	<.2	2	<2	15	<.01	.002	1	672	17.56	2	<.01	69	.20	<.01	<.01	<2	<2
RE E 125048	<1	11	<3	7	<.3	2279	73	379	4.21	78	5	<2	<2	<1	.2	3	<2	15	<.01	.003	1	673	17.71	2	<.01	69	.20	<.01	<.01	<2	<2
RRE E 125048	<1	12	<3	9	<.3	2068	77	406	4.40	85	5	<2	<2	<1	<.2	3	<2	16	<.01	.003	1	690	18.43	2	<.01	71	.20	<.01	.01	<2	<2
E 125049	<1	13	<3	10	<.3	2210	81	404	4.41	111	<5	<2	<2	<1	.2	3	<2	17	.01	.003	1	837	18.14	3	<.01	96	.23	<.01	<.01	<2	<2
E 125050	<1	10	<3	12	<.3	2318	80	416	4.58	90	5	<2	<2	<1	.2	<2	<2	19	.01	.003	1	816	19.26	5	<.01	75	.28	<.01	.01	<2	<2
E 125151	<1	18	<3	11	<.3	1929	72	441	4.27	9	<5	<2	<2	8	<.2	<2	<2	17	.54	.003	<1	665	13.17	3	<.01	31	.20	<.01	<.01	<2	<2
E 125152	<1	14	<3	17	<.3	1781	68	679	4.23	7	<5	<2	<2	26	.3	<2	<2	15	1.60	.003	<1	717	11.58	5	<.01	23	.19	<.01	<.01	<2	<2
E 125153	1	51	5	61	<.3	57	7	478	1.93	2	5	<2	4	2	<.2	<2	2	32	.13	.021	8	37	1.10	87	.13	<3	.99	.02	.37	<2	<2
E 125154	2	11	<3	53	<.3	42	6	406	1.68	<2	<5	<2	3	2	<.2	<2	<2	41	.13	.024	7	32	.91	16	.09	<3	.83	.02	.04	<2	3
E 125155	2	26	<3	77	<.3	108	11	615	2.46	2	<5	<2	3	3	.2	2	5	68	.23	.037	6	89	2.04	5	.17	<3	1.58	.02	.03	<2	5
STANDARD C/AU-R	19	59	35	125	6.3	68	30	1033	3.87	38	21	7	35	49	17.6	17	22	59	.48	.091	37	57	.86	184	.08	25	1.84	.06	.16	11	475

3+005/9+50E

11+005
7+25E

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
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 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
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DATE RECEIVED: OCT 16 1995 DATE REPORT MAILED: *Oct 25/95* SIGNED BY: *C. Leong* .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



ACRE ANALYTICAL



ACRE ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
E 125156	2	68	<3	86	<.3	53	11	725	2.86	<2	<5	<2	2	2	<.2	4	<2	96	.19	.030	6	72	1.64	14	.16	<3	1.59	.02	.06	<2	7
E 125157	2	30	<3	38	<.3	29	6	438	1.48	<2	<5	<2	2	2	<.2	3	<2	29	.11	.020	4	22	.67	15	.08	<3	.74	.02	.03	<2	<2
E 125158	2	11	<3	39	<.3	33	6	518	1.44	<2	<5	<2	3	2	<.2	3	<2	18	.10	.019	6	19	.61	23	.07	<3	.70	.02	.04	<2	3
E 125159	<1	17	<3	33	<.3	2131	76	606	4.20	4	<5	<2	<2	1	<.2	2	2	35	.02	.003	1	1727	19.42	6	<.01	25	.64	<.01	<.01	<2	<2
E 125160	<1	31	<3	32	.3	1862	75	584	4.02	5	<5	<2	<2	1	<.2	4	<2	32	.02	.003	1	1789	18.42	6	<.01	26	.59	<.01	<.01	<2	<2
E 125161	5	75	<3	53	<.3	67	10	600	2.77	<2	<5	<2	3	3	<.2	5	2	78	.17	.027	9	50	1.82	13	.14	<3	1.59	.02	.06	<2	3
E 125162	3	44	3	61	<.3	56	8	681	2.37	<2	<5	<2	3	2	<.2	5	<2	66	.14	.019	7	64	2.18	9	.13	<3	1.57	.02	.03	<2	3
E 125163	4	31	10	51	<.3	42	5	659	2.08	<2	<5	<2	4	3	<.2	5	<2	49	.18	.032	8	48	1.37	42	.18	<3	1.18	.02	.07	<2	8
E 125164	6	17	4	56	<.3	55	11	556	2.47	<2	<5	<2	3	4	<.2	6	2	73	.33	.049	9	58	2.98	18	.25	<3	2.06	.01	.01	<2	4
E 125165	2	28	4	66	.3	41	9	738	3.04	<2	<5	<2	6	4	<.2	7	2	84	.27	.040	15	39	2.01	4	.22	<3	1.83	.04	<.01	<2	3
RE E 125165	2	27	5	68	<.3	39	9	736	3.04	<2	<5	<2	6	4	<.2	6	3	83	.27	.040	15	39	2.01	4	.22	<3	1.83	.04	.01	<2	3
RRE E 125165	3	24	5	66	.3	40	9	725	2.96	<2	<5	<2	6	4	<.2	5	3	81	.27	.040	15	41	1.98	5	.23	<3	1.80	.03	.01	<2	4
E 125166	6	46	<3	69	.3	53	11	709	3.00	<2	<5	<2	5	3	<.2	2	<2	94	.25	.037	11	61	2.33	4	.21	<3	1.96	.03	.01	<2	2
E 125167	1	30	6	52	<.3	18	3	608	1.73	<2	<5	<2	4	3	<.2	2	<2	31	.17	.019	9	26	.76	11	.18	<3	.82	.03	.05	<2	2
E 125168	6	25	3	103	<.3	53	10	773	3.74	<2	<5	<2	7	3	.2	4	<2	113	.18	.022	12	68	1.64	12	.17	<3	1.89	.03	.02	<2	3
E 125169	7	26	<3	99	<.3	50	10	771	3.59	<2	<5	<2	6	3	<.2	4	3	111	.18	.022	13	61	1.63	6	.17	<3	1.83	.03	.01	<2	2
E 142401 <i>3+005</i>	<1	10	<3	14	.3	2432	75	505	4.90	85	<5	<2	<2	<1	.2	4	2	22	.05	.003	1	889	18.53	7	<.01	70	.30	<.01	<.01	<2	3
E 142402 <i>9+50E</i>	<1	9	<3	9	<.3	2296	71	280	3.78	63	<5	<2	<2	<1	<.2	6	<2	15	<.01	.002	<1	653	14.69	1	<.01	56	.19	<.01	<.01	<2	2
E 142403	<1	9	<3	7	<.3	2248	73	308	4.16	76	<5	<2	<2	<1	.2	7	<2	18	<.01	.003	1	682	16.61	2	<.01	63	.23	<.01	<.01	<2	<2
STANDARD C/AU-R	19	57	36	122	6.0	67	30	1039	3.77	40	18	7	35	48	16.3	19	20	64	.48	.089	36	57	.88	175	.09	24	1.81	.06	.14	9	505

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-4240 Page 1

P.O. Box 11611, 350 - 650, Vancouver BC V6H 4N9 Submitted by: U. Mowat

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
E 142404	1	15	5	8	<.3	2313	88	452	4.68	112	<5	<2	2	1	<.2	<2	2	24	.03	.004	<1	726	20.36	5	<.01	99	.28	<.01	.01	<2	3
E 142405	1	11	<3	6	<.3	2175	81	359	5.30	85	<5	<2	<2	1	<.2	<2	4	25	.01	.004	<1	821	19.52	4	<.01	77	.28	<.01	<.01	<2	<2
E 142406	1	13	<3	6	<.3	2133	82	533	5.19	129	<5	<2	2	1	.3	<2	5	26	.04	.004	<1	1083	20.40	5	<.01	130	.27	<.01	.02	<2	19
E 142407	1	11	<3	7	<.3	2108	80	428	4.90	128	<5	<2	<2	<1	.3	2	5	26	.02	.004	<1	1097	19.19	2	<.01	126	.26	<.01	.01	<2	5
E 142408	1	10	<3	7	<.3	2331	81	439	5.48	113	<5	<2	<2	1	<.2	<2	2	27	.04	.003	<1	1080	19.45	3	<.01	112	.29	<.01	<.01	<2	12
E 142409	1	12	<3	8	<.3	2390	82	500	5.57	113	<5	<2	<2	1	.2	<2	3	28	.01	.004	<1	1087	19.96	4	<.01	103	.30	<.01	<.01	<2	21
E 142410	1	9	<3	3	<.3	2195	77	350	4.05	71	<5	<2	<2	1	<.2	<2	<2	18	.01	.003	<1	727	17.47	1	<.01	75	.18	<.01	<.01	<2	2
E 142411	1	6	<3	11	<.3	2154	94	885	4.34	252	<5	<2	<2	1	<.2	10	<2	14	.08	.003	<1	600	18.90	2	<.01	160	.12	<.01	<.01	<2	5
E 142412	1	10	<3	3	<.3	2155	83	442	4.64	120	<5	<2	<2	1	<.2	2	<2	21	.02	.005	<1	774	17.10	2	<.01	115	.23	<.01	.01	<2	<2
E 142413	1	13	<3	3	<.3	2250	79	397	5.29	121	7	<2	3	<1	<.2	<2	2	26	.01	.004	<1	959	20.01	1	<.01	110	.30	<.01	.01	<2	<2
E 142414	3	23	7	11	<.3	48	2	302	1.83	4	<5	<2	3	6	.2	2	<2	45	.08	.013	6	46	.73	71	.10	6	.20	.03	.07	<2	<2
RE E 142414	3	24	9	12	<.3	44	2	309	1.89	5	<5	<2	4	6	.3	2	<2	47	.09	.014	6	47	.75	73	.10	4	.21	.03	.06	<2	<2
RRE E 142414	2	24	5	11	<.3	57	3	294	1.82	3	<5	<2	3	6	.4	<2	<2	46	.08	.014	6	51	.86	72	.09	4	.20	.03	.07	<2	<2
E 142415	1	6	<3	7	<.3	1956	78	471	5.67	21	5	<2	<2	3	.2	<2	2	31	.33	.003	<1	1098	14.80	3	<.01	37	.38	<.01	.01	<2	4
E 142416	1	6	<3	9	<.3	2101	85	537	6.13	36	<5	<2	2	1	<.2	<2	<2	33	.15	.004	<1	1338	17.26	2	<.01	52	.38	<.01	<.01	<2	<2
E 142417	1	19	3	4	<.3	1986	80	495	4.57	113	<5	<2	<2	<1	<.2	<2	2	24	.03	.003	<1	928	17.77	1	<.01	116	.23	<.01	.01	<2	22
E 142418	1	14	<3	8	<.3	2256	80	365	4.92	91	<5	<2	<2	<1	<.2	<2	<2	23	.02	.004	<1	649	15.91	2	<.01	74	.27	<.01	<.01	<2	6
E 142419	<1	12	<3	4	<.3	1978	77	597	3.96	165	<5	<2	<2	<1	.2	3	<2	22	.03	.003	<1	692	19.70	2	<.01	151	.29	<.01	.01	<2	297
E 142420	1	7	<3	4	<.3	2089	87	485	4.88	189	<5	<2	<2	1	<.2	<2	4	28	.03	.004	<1	1054	21.05	1	<.01	169	.36	<.01	.01	<2	15
E 142421	1	7	<3	4	<.3	1272	33	294	2.75	2	<5	<2	<2	2	.2	<2	<2	13	4.36	.004	1	632	9.59	4	<.01	26	.24	<.01	<.01	<2	61
E 142422	<1	7	<3	6	<.3	1431	38	292	2.80	2	<5	<2	<2	1	<.2	<2	<2	11	2.01	.002	<1	518	11.63	3	<.01	26	.13	<.01	<.01	<2	2
E 142423	1	11	4	4	<.3	1771	45	287	3.55	3	<5	<2	<2	1	.2	<2	3	8	1.17	.002	<1	375	12.30	2	<.01	36	.10	<.01	.01	<2	<2
E 142424	<1	11	3	4	<.3	1728	64	325	4.88	11	6	<2	<2	1	<.2	<2	<2	10	.92	.002	<1	423	13.32	2	<.01	47	.10	<.01	.01	<2	<2
E 142425	<1	23	<3	6	<.3	1883	63	283	5.14	<2	<5	<2	<2	1	.4	<2	<2	12	.81	.003	<1	504	13.56	1	<.01	40	.10	<.01	.01	<2	<2
E 142426	<1	5	<3	2	<.3	1391	23	203	1.56	<2	<5	<2	<2	1	<.2	<2	<2	8	3.31	.002	<1	395	7.98	5	<.01	21	.10	<.01	<.01	<2	21
E 142427	<1	3	3	9	<.3	1833	90	645	6.28	<2	<5	<2	<2	1	<.2	<2	<2	17	.24	.004	<1	616	12.21	2	<.01	78	.07	<.01	<.01	<2	2
E 142428	1	15	<3	10	<.3	1817	72	607	4.62	<2	<5	<2	<2	1	.2	<2	2	14	1.25	.003	<1	571	10.88	2	<.01	70	.06	<.01	<.01	<2	4
E 142429	1	11	<3	9	<.3	1426	53	362	3.33	3	9	<2	<2	3	<.2	<2	<2	31	3.33	.004	<1	515	14.67	6	.02	45	1.01	<.01	.01	<2	2
E 142430	1	8	4	9	.3	1068	44	337	3.23	<2	7	<2	<2	3	<.2	<2	2	82	2.82	.009	<1	431	12.28	8	.03	27	2.07	<.01	.01	<2	2
E 142431	1	3	<3	7	<.3	1506	47	371	2.90	<2	6	<2	<2	2	<.2	<2	<2	24	2.24	.002	<1	588	14.56	6	.01	36	.92	<.01	<.01	<2	<2
RE E 142431	1	3	<3	7	<.3	1466	48	369	2.90	<2	6	<2	<2	2	<.2	<2	<2	23	2.24	.003	<1	581	14.48	6	.01	36	.92	<.01	.01	<2	<2
RRE E 142431	1	3	<3	7	<.3	1456	47	364	2.87	<2	<5	<2	<2	2	<.2	<2	<2	24	2.56	.003	<1	603	14.16	6	.01	35	.93	<.01	<.01	<2	<2
E 142432	1	8	<3	6	<.3	2025	87	457	5.30	<2	<5	<2	<2	<1	<.2	<2	2	20	.05	.003	<1	684	14.90	1	<.01	54	.25	<.01	<.01	<2	2
E 142433	<1	4	3	7	<.3	1618	69	405	3.83	<2	<5	<2	<2	1	<.2	<2	<2	20	1.28	.003	<1	653	13.40	1	<.01	50	.39	<.01	<.01	<2	<2
E 142434	1	2	3	6	<.3	1051	52	433	2.85	<2	5	<2	<2	1	.3	<2	2	17	1.06	.006	<1	467	14.40	2	<.01	59	.37	<.01	<.01	<2	<2
E 142435	<1	9	<3	6	<.3	1811	74	430	4.23	<2	<5	<2	<2	1	.2	<2	<2	17	.96	.003	<1	552	12.89	2	<.01	44	.32	<.01	<.01	<2	<2
E 142436	<1	8	<3	7	<.3	1635	63	390	3.68	<2	<5	<2	<2	1	<.2	<2	<2	16	.96	.003	<1	456	13.76	2	<.01	43	.35	<.01	<.01	<2	<2
STANDARD C/AU-R	21	57	38	130	6.4	75	32	1060	3.94	38	17	7	39	50	19.4	16	20	59	.48	.092	40	55	.90	185	.08	26	1.84	.06	.14	11	467

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 19 1995 DATE REPORT MAILED: Oct 26/95 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
E 142437 11+005 9+25E	5	9	3	7	<.3	1644	72	418	4.26	<2	7	<2	2	1	<.2	<2	<2	16	1.31	.004	<1	580	11.00	3	<.01	30	.19	<.01	<.01	<2	3
E 142438	5	11	<3	6	.3	1545	64	316	4.01	2	<5	<2	<2	1	<.2	<2	<2	19	.97	.004	<1	643	12.71	2	<.01	29	.24	<.01	<.01	<2	2
E 142439	3	8	<3	8	<.3	1360	47	291	2.31	<2	7	<2	<2	1	<.2	<2	<2	22	2.04	.005	<1	670	14.25	4	.01	34	.61	<.01	<.01	<2	2
E 142440	1	3	<3	9	<.3	587	39	258	2.43	<2	<5	<2	2	1	<.2	<2	<2	13	.47	.004	<1	235	13.33	3	.01	23	1.28	<.01	<.01	<2	2
E 142441	<1	6	<3	4	<.3	1726	76	301	4.52	2	7	<2	<2	1	<.2	<2	<2	18	1.25	.003	<1	634	11.24	2	<.01	31	.19	<.01	<.01	<2	<2
E 142442	1	6	<3	5	<.3	1549	67	333	4.31	<2	<5	<2	<2	1	.2	<2	2	17	.98	.006	<1	625	11.02	2	<.01	34	.21	<.01	<.01	<2	2
E 142443	1	6	<3	7	<.3	1589	67	295	4.54	<2	6	<2	2	1	.2	<2	2	19	1.23	.003	<1	708	10.08	2	<.01	29	.21	<.01	<.01	<2	6
E 142444	<1	4	3	7	<.3	1445	62	283	3.66	2	<5	<2	<2	1	<.2	<2	<2	19	.73	.003	<1	651	11.10	2	<.01	27	.21	<.01	<.01	<2	2
E 142445	1	14	<3	4	<.3	1743	75	386	4.69	<2	5	<2	<2	1	<.2	<2	2	20	1.12	.003	<1	823	11.54	2	<.01	32	.27	<.01	<.01	<2	3
RE E 142445	1	14	<3	4	<.3	1789	76	390	4.75	2	5	<2	<2	1	<.2	<2	<2	21	1.13	.003	<1	836	11.66	2	<.01	32	.27	<.01	<.01	<2	3
RRE E 142445	1	18	4	5	<.3	1888	75	389	4.66	<2	<5	<2	<2	2	<.2	<2	<2	20	1.13	.003	<1	807	11.57	2	<.01	32	.27	<.01	<.01	<2	<2
E 142446	1	4	<3	6	<.3	1636	68	351	4.39	<2	<5	<2	2	1	<.2	<2	<2	19	1.09	.003	<1	791	11.35	2	<.01	34	.30	<.01	<.01	<2	2
E 142447	1	5	<3	6	<.3	1691	70	339	4.02	<2	<5	<2	<2	1	<.2	<2	3	18	.63	.004	<1	679	12.72	2	<.01	35	.25	<.01	<.01	<2	2
E 142448	1	24	5	30	<.3	1725	72	544	3.78	3	<5	<2	4	1	<.2	<2	2	31	.03	.006	<1	1253	20.39	8	<.01	18	.38	<.01	<.01	<2	4
E 142449 11+005 7+25E	1	51	<3	22	<.3	1703	72	498	3.60	6	<5	<2	3	7	<.2	<2	4	22	.27	.004	<1	763	14.91	7	<.01	13	.18	<.01	<.01	<2	4
E 142450	<1	17	<3	8	<.3	1757	76	344	4.36	5	<5	<2	<2	6	<.2	<2	<2	22	.38	.003	<1	692	13.18	3	<.01	30	.19	<.01	<.01	<2	<2
STANDARD C/AU-R	20	55	37	.123	6.3	68	31	936	3.86	39	23	7	39	49	18.3	17	19	64	.46	.089	38	56	.87	175	.08	24	1.77	.06	.14	11	468

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEM PRECISION METALS ANALYSIS

Hera Resources Inc. PROJECT BORNITE File # 95-3154R2

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9

SAMPLE#	Pt** ppb	Pd** ppb
3+00S 5+50E	3	<3
3+00S 8+00E	<3	<3
5+00S 9+50E	<3	<3
5+00S 10+00E	8	38

5 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: SEP 30 1995

DATE REPORT MAILED: *Oct 5/95*SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEM PRECIOUS METALS ANALYSIS



Hera Resources Inc. PROJECT BORNITE File # 95-3208R2

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9

SAMPLE#	Pt** Pd** ppb ppb
14+00S 11+25E 14+00S 12+75E	3 <3 <3 <3

5 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: SEP 30 1995

DATE REPORT MAILED: Oct 5/95

SIGNED BY.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



GEOCHEM PRECIOUS METALS ANALYSIS



Hera Resources Inc. PROJECT BORNITE File # 95-3272R

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9

SAMPLE#

Pt** Pd**
ppb ppb

15+00S 11+25E
16+00S 13+25E
RE 16+00S 13+25E

<3 <3
5 48
<3 43

5 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.

- SAMPLE TYPE: SOIL PULP

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 30 1995

DATE REPORT MAILED: *Oct 5/95*SIGNED BY: *C. Toy* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEM PRECIOUS METALS ANALYSIS

Hera Resources Inc. PROJECT BORNITE File # 95-3362R

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9

SAMPLE#

Pt** Pd**
ppb ppb

17+00S 13+75E

<3 <3

5 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.

- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: SEP 30 1995

DATE REPORT MAILED: *Oct 5/95*SIGNED BY: *Chy*D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	AU* ppb
8+00S 10+25E	<1	22	7	48	<.3	1558	164	1977	5.14	33	<5	<2	<2	12	.4	<2	2	44	.29	.112	1	950	11.00	131	.02	28	.91	.01	.01	<2	2
8+00S 10+50E	<1	11	6	23	<.3	1371	139	987	4.14	21	<5	<2	<2	3	.6	<2	<2	42	.38	.030	<1	565	12.62	29	.03	24	1.21	<.01	<.01	<2	3
8+00S 10+60E	<1	11	<3	36	<.3	1191	142	1421	5.45	48	<5	<2	<2	4	<.2	<2	3	40	.06	.057	<1	761	10.68	51	.03	21	.97	<.01	<.01	<2	3
8+00S 10+75E	<1	11	<3	44	<.3	1856	106	1019	4.27	11	<5	<2	<2	5	<.2	<2	2	35	.10	.039	<1	814	13.87	69	.03	13	.77	<.01	<.01	<2	1
8+00S 10+83E	<1	27	4	167	<.3	165	45	828	8.81	15	<5	<2	<2	36	.9	<2	<2	131	.63	.030	1	159	3.26	666	.72	<3	4.19	<.01	.76	<2	1
8+00S 11+00E	<1	43	8	132	<.3	651	49	1305	9.26	11	6	<2	<2	29	.7	<2	<2	158	.98	.040	5	263	4.75	672	.78	<3	5.05	.01	1.35	<2	1
8+00S 11+25E	<1	4	<3	49	<.3	1209	80	932	4.22	4	<5	<2	<2	5	<.2	<2	<2	37	.20	.024	1	735	9.83	83	.03	9	1.30	<.01	.02	<2	<1
8+00S 11+50E	1	36	6	53	<.3	1397	95	1010	5.07	44	<5	<2	<2	25	.5	<2	<2	66	.37	.017	4	741	8.39	59	.10	14	1.99	.01	.01	<2	1
8+00S 11+75E	1	29	9	90	<.3	803	56	595	4.65	46	<5	<2	<2	37	.4	<2	<2	60	.50	.024	8	467	4.13	49	.10	6	1.76	.01	.02	<2	1
8+00S 12+00E	1	39	11	53	.3	1108	54	565	4.60	82	<5	<2	<2	46	<.2	<2	<2	55	.65	.037	8	576	4.26	43	.07	11	1.85	.01	.02	<2	10
8+00S 12+25E	2	19	4	69	<.3	427	42	511	5.49	14	<5	<2	<2	18	.6	<2	<2	67	.22	.028	6	467	3.69	51	.10	10	1.65	.01	.01	<2	3
8+00S 12+50E	2	14	5	86	<.3	336	27	384	5.93	16	<5	<2	<2	19	.5	<2	2	70	.23	.031	6	437	3.19	83	.11	8	1.64	.01	.01	<2	2
8+00S 12+75E	2	16	4	80	<.3	399	33	346	5.00	30	<5	<2	<2	22	.5	<2	<2	68	.25	.035	8	429	3.45	59	.08	3	1.89	.01	.01	<2	7
8+00S 13+00E	1	21	7	70	<.3	417	38	569	5.19	10	<5	<2	<2	14	.4	<2	<2	64	.16	.028	5	428	3.89	80	.09	10	1.61	.01	.01	<2	2
RE 8+00S 13+75E	2	22	5	112	<.3	350	42	640	5.01	11	<5	<2	<2	16	.9	<2	<2	64	.17	.058	6	345	3.31	135	.09	8	1.83	.01	.02	<2	5
8+00S 13+25E	1	12	8	71	<.3	352	26	387	5.50	21	<5	<2	<2	16	.2	<2	<2	72	.17	.019	6	414	3.40	51	.12	11	1.49	.01	.01	2	1
8+00S 13+50E	1	13	<3	66	<.3	349	27	396	4.83	10	<5	<2	<2	13	.2	<2	<2	62	.17	.032	6	402	3.24	114	.10	8	1.52	.01	.01	<2	6
8+00S 13+75E	2	22	5	114	<.3	367	42	656	5.15	10	<5	<2	<2	16	.9	<2	<2	65	.18	.059	7	354	3.42	132	.09	7	1.84	.01	.02	2	2
8+00S 14+00E	2	22	12	128	<.3	291	22	389	5.56	12	<5	<2	2	16	.6	<2	<2	74	.24	.124	7	325	3.06	154	.11	5	1.94	.01	.04	<2	1
8+00S 14+25E	3	26	12	225	<.3	263	20	428	5.20	11	<5	<2	<2	17	.6	<2	<2	59	.19	.102	10	285	2.53	144	.09	7	2.27	.01	.03	<2	8
8+00S 14+50E	2	18	5	137	<.3	317	28	460	4.98	17	<5	<2	<2	16	.3	<2	<2	64	.25	.067	7	343	3.38	130	.08	8	1.78	.01	.02	<2	3
8+00S 14+75E	2	24	12	135	<.3	446	30	497	5.32	20	<5	<2	<2	17	.7	<2	3	62	.19	.072	8	378	3.72	94	.06	9	1.96	.01	.02	<2	75
9+00S 10+50E	<1	11	<3	22	<.3	1628	125	843	5.32	37	<5	<2	<2	3	.2	<2	<2	40	.11	.028	<1	763	13.88	25	.02	24	.83	<.01	<.01	<2	3
9+00S 10+75E	<1	18	6	29	<.3	1754	187	1579	6.35	39	<5	<2	<2	5	.6	2	3	55	.14	.038	1	901	12.57	67	.02	21	1.02	<.01	<.01	<2	64
9+00S 10+85E	1	97	10	170	.3	4259	166	3712	5.58	46	<5	<2	<2	57	1.0	<2	<2	55	1.00	.116	6	581	5.41	120	.06	9	2.65	.03	.02	<2	1
9+00S 11+00E	<1	21	3	28	<.3	2570	195	1209	4.67	59	<5	<2	<2	4	<.2	<2	<2	37	.07	.033	1	796	16.88	43	.02	25	1.04	<.01	<.01	<2	77
9+00S 11+25E	<1	11	3	20	<.3	1709	113	930	4.92	30	<5	<2	<2	8	.3	2	<2	38	.16	.012	1	838	13.31	33	.03	25	.91	<.01	<.01	<2	3
9+00S 11+50E	1	13	<3	36	<.3	1120	74	714	4.97	38	<5	<2	<2	6	<.2	<2	<2	45	.14	.014	1	734	9.27	33	.06	24	1.36	.01	<.01	<2	2
9+00S 11+75E	1	38	10	72	<.3	1261	28	576	5.25	209	<5	<2	<2	55	.6	<2	<2	66	.84	.063	9	650	5.02	55	.10	8	2.72	.04	.02	<2	7
9+00S 12+00E	1	12	6	26	<.3	1716	127	862	5.60	168	<5	<2	<2	20	.4	3	<2	50	.23	.028	1	720	10.79	39	.03	20	1.30	<.01	<.01	<2	1
9+00S 12+25E	1	34	6	69	<.3	458	34	411	5.83	284	<5	<2	<2	53	.8	<2	<2	76	.66	.027	6	395	2.88	68	.10	3	1.86	.01	.02	<2	50
9+00S 12+50E	1	25	8	67	<.3	816	42	572	4.70	363	<5	<2	<2	47	.9	<2	<2	50	.63	.033	8	498	4.50	47	.07	10	1.83	.02	.02	2	8
9+00S 12+75E	<1	18	8	52	<.3	721	49	535	5.30	227	<5	<2	<2	20	.4	<2	<2	69	1.02	.017	5	502	4.36	43	.09	7	1.85	.01	.01	<2	7
9+00S 13+00E	1	14	9	70	<.3	533	39	504	5.38	25	<5	<2	<2	15	.9	<2	5	65	.20	.032	6	497	4.72	57	.09	10	1.68	.01	<.01	2	10
9+00S 13+25E	1	13	8	59	<.3	345	28	518	4.81	9	<5	<2	<2	15	.2	<2	2	66	.19	.030	6	420	3.18	100	.09	7	1.54	.01	.01	<2	13
STANDARD C/AU-S	21	61	40	136	6.2	79	31	1082	4.19	43	21	6	37	52	18.5	17	22	59	.53	.097	40	61	.89	189	.09	25	1.99	.06	.14	11	50

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
 AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
9+00S 13+50E	1	13	<3	53	<.3	641	47	376	4.16	10	5	<2	2	14	<.2	<2	2	61	.26	.022	5	445	5.85	77	.10	13	1.63	.01	.02	<2	7
9+00S 13+75E	1	6	6	35	<.3	179	13	222	2.82	3	5	<2	<2	13	<.2	<2	<2	52	.17	.021	9	327	2.38	54	.08	4	1.15	.01	.02	<2	5
9+00S 14+00E	1	9	<3	70	<.3	330	26	341	4.68	7	<5	<2	2	15	<.2	<2	4	68	.16	.035	9	435	3.74	81	.11	11	1.31	.01	.04	<2	2
9+00S 14+25E	2	14	7	127	<.3	202	17	339	5.00	6	7	<2	<2	15	.2	<2	3	72	.14	.065	10	304	1.86	102	.09	5	1.65	.01	.05	<2	21
9+00S 14+50E	3	19	7	108	.3	113	10	252	3.86	8	<5	<2	<2	16	.7	2	<2	52	.13	.056	13	162	1.13	120	.04	4	1.43	.01	.05	<2	1
RE 10+50S 10+25E	1	16	3	33	<.3	1644	136	1096	6.59	8	<5	<2	<2	8	<.2	<2	3	51	.12	.028	1	1144	13.21	48	.04	60	1.09	.01	.02	<2	2
9+00S 14+75E	2	16	5	246	.3	456	34	480	5.21	10	<5	<2	<2	16	.7	<2	<2	67	.17	.080	8	473	4.17	115	.09	11	1.79	.01	.04	<2	2
10+50S 10+25E	1	14	<3	31	<.3	1622	134	1072	6.44	8	<5	<2	2	7	<.2	<2	4	50	.11	.026	1	1130	13.28	44	.04	60	1.04	.01	.02	<2	2
10+50S 10+35E	1	17	5	38	<.3	796	62	538	3.81	10	5	<2	<2	15	<.2	<2	2	50	.19	.017	3	464	6.03	68	.09	17	1.35	.02	.03	<2	8
10+50S 10+45E	1	14	3	23	<.3	1889	118	711	4.20	3	<5	<2	<2	11	<.2	<2	4	40	.23	.020	<1	949	14.73	33	.04	51	1.19	.02	.03	<2	2
10+50S 10+55E	1	11	3	96	<.3	496	37	330	6.99	5	<5	<2	<2	21	<.2	<2	<2	91	.22	.027	2	396	4.30	93	.19	12	2.35	.03	.02	<2	1
10+50S 10+65E	2	12	<3	66	<.3	1146	50	299	6.49	54	7	<2	<2	58	<.2	<2	4	70	.71	.058	4	123	4.02	65	.14	6	4.48	.09	.03	<2	2
10+50S 10+75E	1	25	<3	72	.4	1253	36	739	5.87	53	6	<2	<2	90	<.2	<2	<2	54	1.09	.050	4	187	4.10	80	.11	6	3.23	.16	.04	<2	3
BL 3+60N	2	58	4	105	.5	420	18	640	4.09	42	5	<2	<2	33	.3	<2	<2	62	.47	.051	15	235	1.61	96	.12	5	1.80	.01	.08	<2	4
STANDARD C/AU-S	20	59	37	129	7.3	68	32	1018	3.97	41	23	6	39	53	18.8	18	18	60	.51	.092	43	62	.92	188	.08	28	1.92	.06	.16	11	55

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.



GEOCHEMICAL ANALYSIS CERTIFICATE

Hera Resources Inc. PROJECT BORNITE File # 95-3363 Page 1

P.O. Box 11611, 350 - 650, Vancouver, BC V6B 4M9 Submitted by: U. Nowat

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Hg	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	V	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	
10+00S 1+00E	6	64	9	260	1.2	74	10	470	3.51	9	<5	<2	2	45	2.6	3	<2	59	.71	.036	22	60	.53	173	.03	<3	2.29	.02	.11	<2	3
10+00S 1+25E	2	17	7	108	<.3	44	8	306	5.09	6	<5	<2	<2	17	1.2	3	<2	89	.19	.208	8	80	.69	87	.14	<3	2.06	.01	.04	<2	<1
10+00S 1+50E	7	86	15	231	.3	37	9	854	4.63	5	<5	<2	5	23	.6	2	<2	61	.21	.048	13	35	.96	121	.23	<3	2.41	.01	.26	<2	7
10+00S 1+75E	2	21	8	120	.4	14	4	771	2.78	2	<5	<2	<2	17	.6	<2	<2	36	.19	.065	10	16	.51	99	.06	<3	1.43	.01	.21	<2	<1
10+00S 2+00E	5	39	10	85	.6	14	3	181	3.33	<2	6	<2	3	3	.4	<2	<2	17	.02	.095	12	7	.07	72	<.01	<3	1.12	.01	.05	<2	2
10+00S 2+25E	12	84	16	150	.7	45	18	984	6.06	<2	<5	<2	4	10	.3	<2	<2	41	.11	.091	20	44	1.33	170	.01	<3	2.02	.01	.11	<2	9
10+00S 2+50E	21	131	38	194	1.0	49	15	531	5.22	17	<5	<2	8	10	.4	4	2	39	.06	.116	37	32	.77	222	.01	<3	2.22	.01	.12	<2	9
10+00S 2+75E	5	9	7	21	.3	3	1	49	.83	<2	<5	<2	5	3	<.2	<2	3	24	.02	.021	35	9	.06	41	.02	3	.42	<.01	.05	<2	<1
10+00S 3+00E	10	34	10	78	<.3	21	4	328	2.92	<2	<5	<2	2	5	.3	2	3	49	.06	.035	13	20	.36	51	.02	<3	1.29	.01	.06	<2	<1
10+00S 3+25E	7	46	11	158	.4	44	8	643	4.36	6	<5	<2	2	29	.7	<2	<2	65	.38	.030	23	43	1.46	135	.04	<3	2.18	.01	.09	<2	2
10+00S 3+50E	10	40	17	97	.3	17	4	273	4.80	<2	<5	<2	4	10	.4	<2	<2	54	.07	.058	23	44	1.30	103	.03	<3	1.89	.01	.14	<2	5
10+00S 3+75E	2	47	5	168	<.3	84	13	491	3.58	4	<5	<2	2	41	.9	<2	<2	62	.54	.029	20	83	1.05	108	.11	<3	1.99	.02	.07	<2	2
10+00S 4+00E	2	25	8	266	.3	41	8	273	2.98	<2	<5	<2	<2	43	1.3	<2	<2	80	.48	.020	17	76	.62	153	.14	<3	1.72	.01	.06	<2	<1
10+00S 4+25E	4	65	6	692	<.3	116	19	553	3.91	3	<5	<2	<2	28	1.7	<2	<2	64	.35	.026	18	85	1.10	136	.11	<3	2.90	.01	.07	<2	2
10+00S 4+50E	57	617	12	1400	.6	539	305	6639	24.24	<2	<5	<2	6	21	4.2	<2	<2	68	.10	.141	31	79	.41	235	.04	<3	5.65	.01	.09	<2	57
RE 10+00S 5+25E	9	50	21	180	<.3	50	13	566	5.44	3	<5	<2	4	11	.4	3	<2	64	.12	.154	11	49	1.27	126	.15	<3	2.32	.01	.22	<2	1
10+00S 4+75E	2	29	9	122	.3	53	9	483	4.91	5	<5	<2	2	12	.3	2	<2	78	.14	.111	8	80	.95	85	.13	<3	2.26	.01	.08	<2	2
10+00S 5+00E	6	54	8	109	.3	26	10	3137	4.46	10	<5	<2	2	11	.5	<2	<2	62	.24	.090	8	48	1.61	118	.28	<3	2.34	.01	.26	<2	<1
10+00S 5+25E	8	45	16	168	<.3	46	12	524	5.21	<2	<5	<2	4	10	.3	<2	<2	63	.12	.151	10	47	1.25	122	.16	3	2.24	.01	.22	<2	1
10+00S 5+50E	11	33	22	100	<.3	24	3	336	6.57	29	<5	<2	5	8	<.2	<2	<2	64	.04	.234	18	59	1.07	150	.12	3	2.02	.01	.21	<2	2
10+00S 5+75E	3	33	4	96	<.3	23	4	228	3.01	<2	<5	<2	3	7	.2	<2	<2	49	.05	.052	9	27	1.03	74	.09	<3	1.62	<.01	.16	<2	<1
10+00S 6+00E	4	4	3	2	<.3	49	2	77	.40	31	<5	<2	<2	35	<.2	<2	<2	3	.31	.001	<1	51	.57	2	<.01	<3	.06	<.01	<.01	<2	<1
10+00S 6+25E	<1	35	3	105	<.3	2164	152	3293	8.62	308	<5	<2	<2	3	<.2	<2	3	34	.04	.024	2	1046	2.17	64	<.01	<3	.48	.01	<.01	<2	2
10+00S 6+50E	3	7	10	18	<.3	24	3	204	1.00	2	<5	<2	2	3	<.2	<2	3	34	.04	.026	20	25	.11	40	.04	3	.62	.01	.10	<2	<1
10+00S 6+75E	7	65	5	451	<.3	27	8	328	5.47	<2	<5	<2	3	25	.7	<2	<2	132	.11	.122	12	26	1.01	271	.21	<3	2.68	.02	.33	<2	2
10+00S 7+00E	<1	21	<3	162	<.3	169	43	734	6.51	<2	<5	<2	2	50	<.2	<2	<2	56	1.20	.227	7	131	3.68	404	.35	<3	4.03	<.01	.92	<2	<1
10+00S 7+25E	<1	43	3	21	<.3	1450	64	385	3.42	28	<5	<2	<2	20	.4	<2	<2	17	.39	.070	7	445	5.04	73	.01	12	.65	.01	.04	<2	<1
10+00S 7+50E	<1	10	3	65	<.3	469	33	350	4.61	9	<5	<2	2	11	<.2	<2	<2	58	.10	.041	8	470	5.23	51	.14	11	1.35	.01	.03	<2	20
10+00S 7+75E	<1	17	4	35	<.3	241	34	1598	2.72	3	<5	<2	<2	36	.2	<2	2	22	1.14	.047	2	462	2.22	164	.01	5	.31	.01	.03	<2	2
10+00S 8+00E	<1	52	<3	71	<.3	547	56	656	5.61	185	<5	<2	<2	4	<.2	<2	2	32	.06	.045	3	728	12.44	29	.02	7	.41	<.01	.01	<2	18
10+00S 8+50E	1	91	7	94	<.3	851	51	1536	4.02	9	<5	<2	<2	24	.8	<2	<2	65	.38	.050	15	235	2.41	181	.09	5	2.03	.01	.05	5	<1
10+00S 8+75E	1	37	<3	57	<.3	1792	101	783	4.46	6	<5	<2	2	14	<.2	<2	<2	47	.26	.019	8	506	9.00	78	.08	30	1.36	.02	.04	<2	<1
10+00S 9+00E	<1	14	<3	65	<.3	1203	118	706	6.90	2	<5	<2	<2	7	.3	<2	<2	58	.07	.019	4	796	9.96	48	.03	30	1.15	.01	.03	<2	2
10+00S 9+25E	<1	40	<3	60	<.3	1980	178	1183	7.05	<2	<5	<2	<2	16	.4	<2	<2	42	.27	.037	12	884	6.76	120	.06	26	1.84	.02	.04	<2	2
10+00S 9+50E	1	17	3	72	<.3	609	47	428	4.56	4	<5	<2	<2	13	.3	<2	2	67	.15	.016	7	425	4.57	55	.12	10	1.74	.01	.02	<2	<1
STANDARD C/AU-S	20	61	38	127	6.6	70	33	1053	3.99	46	18	7	38	53	18.0	19	19	60	.51	.093	42	61	.91	186	.09	27	1.84	.06	.16	10	45

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3:1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B U AND LIMITED FOR NA K AND AL.

- SAMPLE TYPE: SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

Samples beginning 'RE' are Returns and 'RRE' are Reject Returns.

DATE RECEIVED: SEP 7 1995 DATE REPORT MAILED: Sept 13/95 SIGNED BY: C. Leung, D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	U	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
10+00S 9+75E	1	11	8	82	<.3	1022	115	1004	8.28	10	<.5	<.2	2	15	<.2	<.2	<.2	67	.11	.031	4	939	7.28	70	.06	25	1.42	.01	.04	<.2	6
10+00S 10+00E	1	39	4	55	<.3	1166	63	663	3.98	18	<.5	<.2	2	24	.2	3	<.2	53	.28	.038	9	448	7.97	61	.10	21	1.27	.02	.05	<.2	4
10+00S 10+25E	1	12	3	26	<.3	2604	234	1340	5.87	14	<.5	<.2	<.2	12	<.2	<.2	<.2	32	.09	.031	1	790	16.75	59	.01	44	.59	.01	.02	<.2	4
10+00S 10+50E	1	41	9	24	<.3	1006	37	533	2.92	13	<.5	<.2	<.2	113	.5	<.2	<.2	21	1.65	.135	4	514	4.60	61	.01	22	.60	.01	.05	<.2	5
10+00S 10+75E	<.1	39	4	60	<.3	1593	135	1486	6.44	12	<.5	<.2	<.2	16	.2	3	4	82	.21	.086	5	1508	10.35	54	.03	11	1.31	.01	.02	<.2	1
10+00S 11+00E	<.1	13	4	41	<.3	2553	105	668	4.76	8	<.5	<.2	<.2	15	<.2	<.2	4	57	.28	.033	1	1862	16.30	26	.02	15	1.62	<.01	.01	<.2	1
10+00S 11+25E	1	17	5	50	<.3	1995	99	1494	4.66	68	<.5	<.2	<.2	28	.3	2	3	53	.31	.025	5	978	12.08	40	.03	11	1.09	.02	.02	<.2	<.1
10+00S 11+50E	2	22	14	62	<.3	1409	102	851	5.97	105	<.5	<.2	<.2	40	.2	<.2	<.2	89	.38	.036	7	779	5.65	76	.16	16	2.09	.02	.05	<.2	1
10+00S 11+75E	1	57	7	57	<.3	2154	66	1030	4.50	105	<.5	<.2	<.2	93	.5	2	<.2	77	1.22	.059	12	750	6.87	101	.05	13	2.30	.02	.07	<.2	4
10+00S 12+00E	1	16	9	56	<.3	681	50	489	5.96	56	<.5	<.2	<.2	32	.2	3	2	74	.29	.018	6	593	3.29	56	.09	10	1.29	.01	.03	<.2	11
10+00S 12+25E	1	7	5	39	<.3	638	45	380	6.46	7	<.5	<.2	<.2	11	<.2	<.2	4	93	.14	.027	4	601	4.98	66	.04	4	2.05	.01	.03	<.2	4
10+00S 12+50E	1	11	6	62	<.3	660	39	391	6.15	18	<.5	<.2	<.2	20	.2	<.2	<.2	73	.19	.021	7	566	4.76	76	.08	11	1.13	.01	.04	<.2	8
10+00S 12+75E	2	52	10	126	<.3	1584	71	912	4.74	239	<.5	<.2	<.2	71	.6	<.2	3	78	.84	.097	17	1093	4.90	123	.04	8	2.70	.02	.11	<.2	10
10+00S 13+00E	2	68	9	73	1.2	1811	48	345	3.33	191	<.5	<.2	<.2	139	.6	8	3	70	1.95	.144	22	1363	3.15	120	.02	8	2.24	.01	.08	<.2	5
10+00S 13+25E	2	52	9	68	.3	1210	40	849	4.62	72	<.5	<.2	<.2	55	.5	2	4	75	.69	.059	17	834	3.48	92	.05	7	1.75	.01	.05	<.2	3
RE 10+90S 10+15E	1	9	3	12	<.3	3000	145	870	4.43	9	<.5	<.2	<.2	8	<.2	<.2	<.2	25	.09	.015	2	1275	22.51	24	<.01	116	.43	<.01	.01	<.2	130
10+00S 13+50E	2	20	4	63	<.3	708	55	532	5.26	38	<.5	<.2	<.2	24	.3	<.2	<.2	84	.25	.033	7	542	4.51	54	.10	9	1.78	.01	.04	<.2	8
10+00S 13+75E	1	12	5	67	<.3	519	38	356	4.18	12	<.5	<.2	<.2	17	.4	<.2	2	66	.18	.032	8	427	5.00	66	.10	12	1.49	.01	.03	<.2	4
10+00S 14+00E	1	12	6	82	<.3	449	30	373	5.60	11	<.5	<.2	<.2	19	<.2	<.2	<.2	83	.21	.082	7	478	4.45	190	.12	10	1.40	.01	.03	<.2	3
10+00S 14+25E	1	12	7	91	<.3	346	30	421	5.19	8	<.5	<.2	<.2	31	.3	<.2	<.2	85	.25	.055	8	384	3.35	190	.13	9	1.66	.01	.04	<.2	1
10+00S 14+50E	1	15	5	70	<.3	606	41	451	4.10	16	<.5	<.2	<.2	19	.3	<.2	<.2	63	.22	.047	8	478	5.23	66	.09	13	1.45	.01	.03	<.2	4
10+00S 14+75E	2	23	10	150	<.3	397	41	632	4.96	13	<.5	<.2	<.2	18	.9	2	<.2	76	.16	.073	8	536	3.80	133	.07	6	1.81	.01	.04	<.2	1
10+90S 10+10E	<.1	23	3	32	<.3	3052	237	2950	5.80	5	<.5	<.2	<.2	13	<.2	2	4	30	.15	.053	4	1748	13.78	153	.01	69	.87	.01	.03	<.2	1170
10+90S 10+15E	1	10	<.3	11	<.3	2775	137	851	4.22	7	<.5	<.2	<.2	6	<.2	<.2	<.2	23	.08	.015	1	1211	21.22	24	<.01	112	.41	<.01	<.01	<.2	46
10+90S 10+20E	1	11	7	42	<.3	1704	143	1204	7.45	4	<.5	<.2	<.2	14	<.2	<.2	3	47	.12	.026	4	902	9.47	65	.05	33	1.14	.01	.02	<.2	400
10+90S 10+25E	<.1	7	6	28	<.3	1423	145	907	19.72	<.2	<.5	<.2	<.2	11	<.2	<.2	<.2	58	.08	.014	6	1508	1.84	41	.05	<.3	.36	.01	.02	<.2	120
10+90S 10+30E	1	6	<.3	27	<.3	1902	191	1429	4.60	5	<.5	<.2	<.2	9	.2	<.2	<.2	33	.11	.017	2	622	16.32	61	.01	59	.57	<.01	.01	<.2	5
10+90S 10+35E	<.1	6	<.3	19	<.3	2522	145	825	5.00	7	<.5	<.2	<.2	7	<.2	<.2	<.2	36	.08	.010	2	1060	19.83	25	.01	78	.58	<.01	.01	<.2	5
11+00S 1+00E	5	63	12	364	.6	75	10	528	6.27	<.2	<.5	<.2	2	11	.7	<.2	<.2	102	.07	.151	8	43	1.22	69	.12	<.3	2.84	.01	.21	<.2	4
11+00S 1+25E	2	18	7	110	.3	46	7	256	4.49	7	<.5	<.2	<.2	18	1.1	<.2	<.2	96	.20	.124	7	70	.59	73	.11	<.3	2.04	.01	.04	<.2	1
11+00S 1+50E	1	17	7	119	<.3	44	6	199	4.00	<.2	<.5	<.2	2	19	1.5	<.2	<.2	89	.18	.138	7	81	.52	81	.10	<.3	2.55	.01	.04	<.2	1
11+00S 1+75E	3	22	6	207	1.2	41	10	363	4.10	8	<.5	<.2	<.2	18	1.5	<.2	<.2	89	.20	.160	8	71	.58	96	.10	<.3	2.54	.01	.04	<.2	2
11+00S 2+00E	2	9	5	49	.3	18	2	114	1.70	2	<.5	<.2	<.2	14	.2	2	<.2	69	.12	.030	9	47	.16	37	.06	3	.95	.01	.03	<.2	1
11+00S 2+25E	8	46	5	175	.4	21	4	212	3.85	<.2	<.5	<.2	2	7	.5	2	<.2	38	.05	.044	13	17	.23	109	.01	<.3	1.59	.01	.07	<.2	4
11+00S 2+50E	10	33	19	86	.5	10	5	1299	2.89	<.2	<.5	<.2	<.2	14	.3	<.2	<.2	37	.08	.147	19	28	.33	169	.01	<.3	1.12	.01	.11	<.2	2
STANDARD C/AU-S	19	56	36	121	5.9	69	31	961	3.83	43	17	7	35	52	16.9	17	18	66	.47	.088	39	64	.89	173	.08	26	1.76	.06	.15	9	50

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au ^u ppb
11+00S 2+75E	19	81	24	106	.3	9	1	136	5.23	<2	<5	<2	3	12	.4	<2	<2	36	.04	.103	19	26	.71	162	.01	3	1.29	<.01	.13	<2	3
11+00S 3+00E	35	126	31	90	.9	12	2	189	6.42	<2	<5	<2	8	8	.5	<2	<2	34	.04	.071	18	35	.81	124	.02	<3	1.69	.01	.12	<2	5
11+00S 3+25E	55	87	16	123	.5	63	8	266	5.53	<2	<5	<2	6	7	.3	2	<2	46	.08	.062	20	83	.85	67	.03	<3	1.63	<.01	.09	<2	9
11+00S 3+50E	2	10	4	31	<.3	5	1	73	.92	2	<5	<2	5	3	<.2	2	<2	19	.01	.015	14	13	.17	26	<.01	<3	1.21	<.01	.05	<2	<1
11+00S 3+75E	22	36	28	131	<.3	30	7	315	5.41	<2	<5	<2	<2	13	.5	<2	<2	97	.06	.144	21	44	1.16	100	.04	<3	2.73	.01	.09	<2	<1
11+00S 4+00E	10	10	5	85	.4	6	1	79	2.27	<2	5	<2	2	3	.4	<2	<2	56	.02	.029	15	11	.12	78	<.01	<3	1.44	.01	.05	<2	13
11+00S 4+25E	8	65	15	331	1.3	39	7	361	5.24	3	<5	<2	2	8	.4	3	<2	60	.03	.087	11	38	.75	61	.03	<3	2.29	.01	.08	<2	3
11+00S 4+50E	7	17	17	104	<.3	25	3	166	3.93	<2	<5	<2	3	8	.3	2	<2	93	.06	.048	9	65	.61	84	.07	<3	2.20	.01	.06	<2	2
11+00S 4+75E	9	43	10	107	.3	25	5	302	5.13	<2	<5	<2	4	8	.2	<2	<2	60	.04	.054	14	30	1.12	71	.10	<3	1.94	<.01	.25	<2	40
11+00S 5+00E	2	46	5	144	<.3	55	18	582	7.24	30	<5	<2	2	7	.2	<2	<2	165	.16	.098	11	54	2.40	66	.34	<3	3.74	.01	.16	<2	1
11+00S 5+25E	3	26	5	162	<.3	81	11	384	4.06	<2	<5	<2	<2	4	.5	<2	<2	65	.06	.024	5	93	1.65	101	.10	<3	2.04	.01	.10	<2	<1
11+00S 5+50E	1	20	3	84	<.3	1342	87	739	6.45	3	<5	<2	<2	15	.7	<2	<2	56	.19	.040	6	761	7.17	118	.09	28	1.75	.02	.05	<2	3
11+00S 5+75E	1	12	4	74	<.3	615	51	411	6.39	2	<5	<2	<2	8	.6	<2	<2	60	.10	.033	7	565	3.10	91	.05	10	1.59	.01	.05	<2	1
11+00S 6+00E	1	20	7	137	<.3	491	49	367	5.16	<2	<5	<2	<2	14	.4	<2	<2	64	.17	.032	11	463	4.26	112	.06	13	1.67	.01	.04	<2	6
RE 11+00S 5+25E	3	26	8	164	<.3	86	12	385	4.11	2	<5	<2	2	4	.3	<2	<2	65	.06	.024	5	97	1.68	100	.10	<3	2.06	.01	.10	<2	1
11+00S 6+25E	1	13	3	72	<.3	1153	86	561	6.37	2	<5	<2	2	8	.4	3	<2	50	.12	.034	5	815	8.65	59	.04	36	1.47	.01	.02	<2	8
11+00S 6+50E	<1	9	<3	90	<.3	479	40	553	6.08	<2	<5	<2	<2	25	.4	<2	<2	91	.82	.109	7	191	4.30	97	.64	3	3.62	.05	.03	<2	10
11+00S 6+75E	4	43	16	78	<.3	29	4	242	3.14	<2	<5	<2	4	4	.2	<2	2	35	.02	.041	12	27	.71	111	.12	<3	1.58	.01	.25	<2	2
11+00S 7+00E	<1	10	<3	67	<.3	628	61	560	7.12	<2	<5	<2	<2	53	.4	<2	<2	45	.25	.013	2	552	3.62	23	.06	13	1.69	.01	.02	<2	3
11+00S 7+25E	1	24	3	64	<.3	1468	115	1380	7.05	39	<5	<2	<2	18	.5	<2	3	51	.81	.087	4	1143	8.19	53	.04	6	1.85	.01	.03	<2	1
11+00S 7+75E	1	13	<3	24	<.3	2567	112	613	4.68	4	<5	<2	<2	4	.2	<2	<2	27	.06	.016	2	1017	17.89	20	.01	71	.58	<.01	.01	<2	3
11+00S 8+00E	<1	13	<3	57	<.3	2560	149	1196	6.16	<2	<5	<2	<2	4	.4	<2	<2	30	.05	.040	2	1351	17.35	55	.01	84	.68	<.01	<.01	<2	3
11+00S 8+25E	1	12	<3	17	<.3	3428	138	686	4.03	2	<5	<2	<2	2	.2	<2	<2	24	.03	.013	2	1169	23.17	16	<.01	89	.45	<.01	<.01	<2	3
11+00S 8+50E	<1	13	4	58	<.3	1261	100	625	5.55	6	<5	<2	<2	11	.3	<2	<2	60	.12	.026	4	753	10.02	72	.05	33	1.45	.01	.03	<2	3
11+00S 8+75E	<1	7	<3	66	<.3	1379	137	883	11.29	<2	<5	<2	<2	7	<.2	<2	4	53	.08	.033	3	1162	7.76	50	.04	33	.98	.01	.02	<2	280
11+00S 9+00E	<1	7	<3	42	<.3	967	109	618	11.82	<2	<5	2	<2	8	<.2	<2	5	49	.12	.012	7	956	2.97	40	.08	8	.81	.01	.01	<2	4
11+00S 9+25E	<1	22	<3	36	<.3	2044	143	1373	4.81	5	<5	<2	<2	9	.3	<2	2	40	.30	.024	4	649	10.98	94	.06	51	1.21	.01	.02	<2	49
11+00S 9+50E	<1	22	4	42	<.3	2346	290	3799	5.44	<2	<5	<2	<2	12	.6	<2	<2	41	.24	.052	5	833	12.23	147	.02	44	.92	.01	.02	<2	22
11+00S 9+75E	<1	5	<3	30	<.3	685	42	334	4.21	<2	<5	<2	<2	6	.2	<2	<2	95	.83	.026	2	416	5.67	15	.09	<3	3.34	<.01	.01	<2	8
11+00S 10+00E	<1	14	<3	35	<.3	2307	211	1751	6.14	2	<5	<2	<2	9	.3	<2	3	30	.13	.059	3	1534	15.72	78	.01	68	.82	<.01	.01	<2	460
11+00S 10+10E	<1	17	<3	34	<.3	2722	221	1962	5.52	<2	<5	<2	<2	7	.3	<2	<2	35	.11	.049	3	974	17.14	103	.01	57	.79	<.01	.01	<2	39
11+00S 10+15E	<1	27	3	32	<.3	2083	193	2375	4.61	<2	<5	<2	<2	9	.2	<2	<2	35	.21	.071	3	710	12.90	151	.01	42	.73	.01	.02	<2	39
11+00S 10+20E	<1	23	<3	27	<.3	2766	234	2240	4.14	<2	<5	<2	<2	8	.3	<2	<2	33	.14	.046	3	640	17.67	92	.01	63	.69	<.01	.01	<2	230
11+00S 10+25E	<1	8	<3	9	<.3	3363	117	598	3.23	2	<5	<2	<2	4	.2	<2	3	24	.06	.016	2	795	22.96	17	<.01	64	.38	<.01	<.01	<2	89
11+00S 10+30E	1	23	<3	21	<.3	3092	188	1479	4.32	4	<5	<2	<2	9	.3	<2	<2	27	.14	.030	3	582	16.85	63	.01	58	.66	<.01	.01	<2	260
STANDARD C/AU-S	20	60	35	126	6.1	68	32	959	3.98	43	21	8	37	51	18.5	17	19	61	.49	.093	40	60	.90	178	.08	26	1.81	.06	.15	10	53

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	
11+00S 10+35E	<1	6	<3	13	<.3	3105	127	728	4.30	<2	<5	<2	<2	2	.2	<2	4	23	.06	.010	1	858	21.22	11	<.01	92	.28	<.01	<.01	<2	3
11+00S 10+50E	1	25	<3	30	<.3	3550	255	1878	4.44	2	<5	<2	<2	8	.2	<2	<2	28	.13	.023	4	685	17.49	68	.01	70	.70	<.01	.01	2	6
11+00S 10+75E	<1	23	<3	47	<.3	1183	80	730	4.80	4	<5	<2	<2	27	.3	<2	5	52	.29	.023	4	311	7.26	88	.07	29	2.62	.05	.03	<2	1
11+00S 11+00E	1	61	<3	62	<.3	1514	64	1470	5.55	81	<5	<2	<2	69	<.2	<2	2	56	.92	.064	7	561	4.63	122	.10	9	3.03	.08	.03	<2	1
11+00S 11+25E	1	114	5	88	.5	2227	97	1828	5.92	151	<5	<2	<2	97	.8	4	<2	91	1.41	.064	12	917	5.65	148	.08	10	1.85	.01	.03	<2	2
11+00S 11+50E	1	171	5	72	.5	2163	126	2002	4.95	115	<5	<2	<2	114	.8	2	4	68	1.67	.127	18	1042	5.42	164	.03	8	1.70	.01	.03	<2	2
11+00S 11+75E	1	56	<3	49	<.3	1591	64	965	5.08	107	<5	<2	<2	88	.2	<2	3	61	1.36	.103	13	1220	6.23	107	.05	15	1.69	.01	.02	<2	3
11+00S 12+00E	2	52	6	79	.5	1677	53	1550	3.80	115	<5	<2	<2	123	.8	<2	<2	57	1.87	.100	13	644	3.48	140	.03	10	1.66	.01	.07	<2	3
11+00S 12+25E	1	71	3	76	.7	1827	40	1872	2.87	104	<5	<2	<2	193	.7	2	<2	50	3.05	.127	12	683	2.26	153	.03	11	1.39	.01	.07	<2	2
11+00S 12+50E	2	61	7	71	.6	1446	41	696	4.73	160	<5	<2	<2	90	.3	<2	3	76	1.24	.080	14	1140	4.56	109	.10	9	1.90	.02	.06	<2	4
11+00S 12+75E	1	24	4	76	<.3	648	37	597	4.60	91	<5	<2	2	46	.3	2	<2	78	.60	.032	11	347	2.22	80	.13	4	1.86	.01	.05	<2	72
11+00S 13+00E	2	39	4	69	<.3	1038	53	1505	4.69	104	<5	<2	<2	45	.4	<2	2	70	.60	.045	11	705	5.00	86	.07	7	1.56	.01	.05	<2	320
11+00S 13+25E	2	53	3	107	<.3	1543	62	1121	4.66	109	<5	<2	<2	53	.4	<2	<2	68	.72	.057	10	573	5.92	99	.07	11	1.84	.02	.09	<2	4
11+00S 13+50E	2	19	5	75	<.3	568	39	373	5.15	46	<5	<2	2	32	.2	<2	<2	76	.46	.021	8	428	4.12	55	.13	10	1.66	.01	.05	<2	2
11+00S 13+75E	2	49	6	81	.3	824	46	778	4.79	74	<5	<2	<2	66	.6	<2	<2	77	.92	.055	13	518	3.62	94	.07	7	1.79	.01	.06	<2	1
11+00S 14+00E	2	99	7	97	.3	970	58	968	4.84	83	<5	<2	<2	50	.6	<2	<2	76	.73	.063	17	491	5.30	89	.07	10	2.00	.01	.12	<2	6
11+00S 14+25E	1	30	5	90	.5	511	34	541	4.26	102	<5	<2	<2	49	.5	<2	<2	73	.67	.048	10	426	3.25	59	.08	6	1.60	.01	.04	<2	4
11+00S 14+50E	2	19	9	119	<.3	346	43	1376	4.86	135	<5	<2	<2	32	.8	<2	2	81	.46	.058	11	344	1.70	70	.09	<3	1.80	.01	.03	<2	3
11+00S 14+75E	2	16	5	83	<.3	162	15	371	4.49	14	<5	<2	<2	21	.3	<2	<2	85	.23	.050	12	251	1.27	90	.11	<3	1.31	.01	.04	<2	1
11+00S 15+00E	1	13	6	75	<.3	176	13	265	3.18	<2	<5	<2	<2	15	.5	<2	<2	66	.19	.041	11	240	2.07	98	.10	3	1.26	.01	.04	<2	5
11+00S 15+25E	1	14	6	97	<.3	171	13	290	4.09	3	<5	<2	<2	16	<.2	<2	<2	80	.21	.054	10	251	1.71	164	.09	3	1.31	.01	.02	<2	310
11+00S 15+50E	3	28	6	242	.5	315	36	1169	4.75	7	<5	<2	<2	60	2.2	<2	<2	66	.72	.083	10	412	1.93	65	.06	4	1.77	.01	.04	<2	2
RE 11+00S 16+00E	1	12	7	85	<.3	253	19	320	4.37	4	<5	<2	<2	14	.2	2	<2	75	.19	.072	9	343	2.55	99	.08	5	1.40	.01	.03	<2	2
11+00S 15+75E	1	16	5	97	<.3	226	18	325	4.20	<2	<5	<2	<2	17	.7	<2	<2	71	.23	.066	9	327	2.15	107	.06	3	1.22	.01	.06	<2	3
11+00S 16+00E	1	12	4	83	<.3	263	20	325	4.46	2	<5	<2	<2	14	.2	<2	<2	76	.19	.073	9	349	2.63	101	.08	5	1.42	.01	.03	<2	3
11+00S 16+25E	2	23	4	152	<.3	260	21	404	5.34	4	<5	<2	<2	14	.5	2	<2	80	.19	.102	9	297	2.55	100	.05	4	1.59	.01	.04	<2	2
11+00S 16+50E	1	19	4	101	<.3	183	19	702	4.05	<2	<5	<2	<2	19	.5	<2	2	65	.27	.094	10	341	1.66	138	.04	<3	1.23	.01	.05	<2	3
11+00S 16+75E	3	29	7	151	<.3	194	20	593	4.63	4	<5	<2	<2	39	.6	<2	<2	58	.46	.077	12	212	1.35	90	.03	<3	1.88	.01	.04	<2	3
11+00S 17+00E	2	29	<3	140	<.3	367	30	602	4.86	7	<5	<2	<2	29	.6	<2	<2	67	.38	.072	10	376	3.06	70	.06	5	1.75	.01	.03	<2	3
11+00S 17+25E	1	14	5	118	<.3	238	21	516	4.13	3	<5	<2	<2	18	.2	<2	<2	82	.27	.074	9	316	2.35	189	.06	3	1.61	.01	.04	<2	3
11+00S 17+50E	2	27	5	191	.3	290	18	486	4.12	5	<5	<2	<2	48	1.4	<2	2	64	.53	.106	12	323	2.08	137	.06	3	1.99	.01	.05	<2	2
11+00S 17+75E	2	33	5	143	.3	520	27	493	4.43	10	<5	<2	<2	33	1.0	<2	<2	70	.36	.065	17	384	3.39	108	.07	5	2.20	.01	.04	<2	2
12+00S 0+25E	5	40	7	162	.5	75	12	563	6.29	30	<5	<2	2	12	.8	2	<2	149	.13	.117	11	114	1.36	60	.09	<3	2.08	.01	.05	<2	1
12+00S 0+25-1	2	21	9	127	.4	46	9	288	5.08	5	<5	<2	2	18	.9	<2	<2	97	.23	.091	10	86	.80	91	.15	<3	2.12	.01	.04	<2	1
12+00S 0+25-2	6	26	11	89	<.3	39	4	212	2.59	7	7	<2	2	8	.5	<2	<2	66	.05	.051	10	40	.24	59	.01	<3	1.17	.01	.05	<2	2
STANDARD C/AU-S	19	56	36	129	6.1	72	30	1020	3.85	37	18	7	35	49	16.6	16	18	64	.48	.085	38	61	.89	174	.08	24	1.68	.06	.14	11	47

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



NOTE ANALYTICAL

SAMPLE#	No	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	X	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
12+00S 0+25-3	4	34	14	129	3.7	28	4	642	6.91	10	<5	<2	3	8	.8	<2	3	84	.09	.336	10	65	.27	74	.03	<3	2.08	.01	.03	<2	20
12+00S 0+25-4	5	25	9	87	<.3	32	5	198	3.22	6	<5	<2	2	13	.4	2	<2	74	.13	.039	9	53	.30	69	.07	<3	1.07	.01	.05	<2	2
12+00S 0+25-5	2	38	7	75	<.3	91	14	685	3.32	4	<5	<2	<2	44	.5	<2	<2	65	.66	.039	14	94	1.06	125	.09	<3	1.90	.02	.07	<2	1
RE 12+00S 0+25-5	2	37	9	72	<.3	89	13	662	3.21	6	<5	<2	<2	43	.6	<2	<2	63	.65	.038	14	93	1.03	121	.09	<3	1.84	.02	.07	<2	2
12+00S 0+25-6	5	25	9	105	<.3	61	8	235	4.27	14	<5	<2	2	15	.7	<2	<2	90	.20	.060	10	141	.62	89	.08	<3	1.39	.01	.05	<2	2
12+00S 0+50E	12	35	19	442	1.4	55	3	163	4.86	19	<5	<2	3	13	1.0	4	<2	97	.06	.063	7	43	.28	93	.03	<3	2.25	.01	.11	<2	3
12+00S 0+75E	2	4	6	42	<.3	6	<1	45	1.03	<2	<5	<2	<2	13	.2	<2	<2	50	.11	.017	4	16	.10	34	.06	<3	1.14	.01	.02	<2	<1
12+00S 1+00E	2	6	9	50	<.3	11	1	69	1.46	<2	<5	<2	<2	13	.5	<2	3	69	.10	.018	6	31	.10	24	.10	<3	.90	.01	.04	<2	<1
12+00S 1+25E	7	59	15	351	<.3	48	8	356	4.77	5	<5	<2	2	14	.9	3	<2	96	.15	.151	7	43	.98	87	.11	<3	2.15	.01	.08	<2	8
12+00S 1+50E	12	9	15	64	<.3	4	<1	158	2.06	3	<5	<2	2	8	.2	3	2	85	.09	.039	5	19	.18	59	.11	<3	1.25	.01	.07	<2	1
12+00S 1+75E	4	20	9	300	.4	42	7	234	4.35	7	<5	<2	2	18	1.6	<2	<2	90	.21	.062	8	69	.63	106	.10	<3	2.04	.01	.04	<2	2
12+00S 2+00E	2	37	8	107	<.3	70	10	346	3.80	5	<5	<2	<2	18	1.1	<2	<2	70	.25	.081	9	91	.98	65	.12	<3	1.78	.01	.05	<2	1
12+00S 2+25E	15	47	21	245	<.3	20	4	715	6.50	4	<5	<2	4	7	.8	<2	<2	48	.05	.351	24	16	.13	77	<.01	<3	1.75	.01	.06	<2	14
12+00S 2+50E	14	32	19	299	1.3	14	2	139	5.04	14	<5	<2	4	9	.7	<2	<2	79	.02	.114	23	20	.23	128	<.01	<3	2.05	.01	.08	<2	2
12+00S 2+75E	14	42	16	81	.5	15	4	171	2.84	8	<5	<2	<2	5	<.2	3	2	30	.03	.054	20	16	.28	93	.01	<3	.80	.01	.08	<2	2
12+00S 3+00E	4	32	15	120	.9	31	7	326	5.66	10	<5	<2	3	6	.3	<2	3	64	.06	.079	17	52	1.64	104	.02	<3	2.96	.01	.08	<2	1
12+00S 3+25E	6	23	15	58	<.3	13	2	142	2.61	3	<5	<2	4	6	.2	<2	2	35	.05	.052	27	21	.27	55	.01	<3	1.14	<.01	.09	<2	1
12+00S 3+50E	3	31	7	58	<.3	19	4	97	2.10	2	<5	<2	2	2	<.2	<2	2	26	.02	.028	5	13	.39	40	.02	<3	.91	<.01	.06	<2	1
12+00S 3+75E	5	26	18	56	<.3	14	2	101	2.12	4	<5	<2	4	5	<.2	<2	<2	38	.02	.029	22	16	.17	43	.02	<3	1.03	<.01	.10	<2	1
12+00S 4+00E	18	123	13	620	3.5	75	14	497	6.79	<2	<5	<2	5	22	3.2	3	<2	51	.17	.090	21	39	.45	153	.04	<3	4.64	.01	.05	<2	6
12+00S 4+25E	9	246	15	184	1.4	109	17	653	5.79	21	<5	<2	2	82	1.7	<2	2	44	1.05	.074	60	66	.80	70	.01	<3	3.18	.01	.07	<2	2
12+00S 4+50E	8	47	13	165	<.3	35	11	651	6.08	<2	<5	<2	4	9	.3	<2	<2	56	.09	.061	13	41	1.13	92	.11	<3	1.86	.01	.14	<2	1
12+00S 4+75E	1	98	10	138	.3	112	21	498	3.43	10	<5	<2	2	63	1.2	<2	<2	72	1.13	.078	16	176	1.35	98	.15	4	1.91	.02	.11	<2	3
12+00S 5+00E	2	43	8	87	<.3	182	22	752	3.93	9	<5	<2	2	52	.5	<2	<2	64	.84	.048	10	194	1.27	123	.14	4	1.71	.02	.08	<2	1
12+00S 5+25E	1	8	6	38	<.3	91	11	181	2.28	<2	<5	<2	<2	11	<.2	<2	<2	63	.07	.019	7	144	.71	46	.05	3	1.02	.01	.03	<2	1
12+00S 5+50E	4	33	9	131	.3	392	42	754	7.36	8	<5	<2	3	8	.3	3	<2	58	.10	.055	11	469	1.60	80	.07	7	1.14	.01	.07	<2	2
12+00S 5+75E	6	58	15	224	<.3	238	36	640	7.98	5	<5	<2	2	12	<.2	<2	<2	106	.30	.115	6	445	1.94	97	.35	<3	3.70	.01	.11	<2	4
12+00S 6+00E	3	20	7	67	<.3	229	24	248	4.41	4	<5	<2	2	12	<.2	<2	2	68	.15	.018	8	256	.87	102	.07	3	1.19	.01	.03	<2	2
12+00S 6+25E	1	131	6	87	<.3	2482	78	1112	4.45	28	<5	<2	<2	87	.2	<2	5	41	1.33	.118	30	880	6.87	198	.02	27	1.82	.01	.07	3	76
12+00S 6+75E	1	24	5	91	<.3	953	98	917	8.24	11	<5	<2	<2	15	<.2	<2	<2	58	.22	.026	7	858	6.01	54	.06	13	.98	.01	.03	2	8
12+00S 7+00E	1	12	4	68	<.3	277	26	298	4.17	4	<5	<2	<2	19	<.2	<2	<2	71	.18	.018	6	318	2.12	80	.09	9	1.11	.01	.03	<2	1
12+00S 7+25E	2	25	6	82	<.3	324	27	317	3.63	7	<5	<2	2	17	.2	2	<2	68	.22	.033	8	200	2.19	113	.07	5	1.52	.01	.04	<2	1
12+00S 7+50E	2	16	7	102	<.3	406	48	800	5.40	35	<5	<2	2	15	<.2	<2	<2	86	.30	.038	7	376	2.51	130	.11	3	1.53	.01	.04	2	1
12+00S 7+75E	2	27	10	104	<.3	285	9	318	2.77	20	<5	<2	<2	29	.3	<2	4	59	.65	.040	9	157	.87	110	.09	<3	1.27	.01	.06	<2	<1
12+00S 8+00E	1	40	6	89	<.3	1534	112	595	5.45	15	<5	<2	<2	23	.9	<2	<2	60	.64	.041	9	480	4.19	117	.08	9	2.11	.01	.04	<2	310
STANDARD C/AU-S	21	61	40	128	6.3	72	34	990	4.03	40	16	7	40	53	18.8	18	18	64	.50	.094	43	66	.91	188	.08	24	1.79	.06	.15	10	46

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	V ppm	Au ⁶ ppb
12+00S 8+25E	2	45	4	82	<.3	1573	125	695	5.44	19	<5	<2	<2	14	<.2	<2	4	64	.19	.016	3	648	11.22	102	.07	63	1.30	.01	.04	<2	6
12+00S 8+50E	4	20	12	117	<.3	64	10	293	5.99	16	6	<2	2	17	<.2	<2	5	105	.15	.064	6	69	.88	122	.09	<3	2.68	.01	.07	2	5
12+00S 8+75E	2	17	8	99	<.3	113	12	290	3.93	11	<5	<2	<2	25	.4	2	<2	87	.29	.033	6	95	1.25	155	.08	<3	1.86	.01	.04	<2	6
12+00S 9+00E	3	19	14	96	<.3	51	7	212	5.05	13	<5	<2	2	17	.3	3	<2	113	.14	.043	6	85	.66	103	.09	<3	2.81	.01	.03	2	3
12+00S 9+25E	5	34	8	132	<.3	277	18	323	6.35	36	<5	<2	<2	20	.2	<2	<2	114	.14	.031	6	125	1.12	163	.09	<3	3.11	.01	.05	2	4
12+00S 9+50E	1	41	<3	46	<.3	1732	82	540	3.79	7	<5	<2	<2	10	.2	<2	3	40	.37	.029	4	552	10.14	47	.04	10	1.19	.01	.02	<2	6
12+00S 9+75E	1	21	3	70	<.3	1077	60	588	4.28	4	<5	<2	<2	19	.5	<2	3	49	.75	.042	3	666	5.99	41	.03	3	2.79	.01	.01	2	3
12+00S 10+00E	<1	81	<3	23	<.3	1465	104	1170	4.97	8	<5	<2	<2	6	<.2	<2	3	44	.62	.080	2	764	12.11	34	.02	15	1.03	.01	.01	<2	15
12+00S 10+25E	<1	36	<3	83	<.3	990	98	811	8.77	2	<5	<2	<2	13	.2	<2	3	64	.27	.069	3	951	6.05	97	.03	4	1.01	.01	.02	<2	8
12+00S 10+32E	1	161	3	78	.4	2407	80	978	3.80	36	<5	<2	<2	109	<.2	<2	2	44	1.74	.115	24	667	7.29	211	.02	22	1.99	.01	.07	2	2
12+00S 10+75E	1	20	<3	76	<.3	2234	253	1659	5.86	5	<5	<2	<2	8	<.2	<2	2	48	.10	.072	3	983	15.71	103	.02	32	1.12	.01	.01	<2	1
12+00S 11+00E	<1	11	<3	43	<.3	2414	143	845	5.07	6	<5	<2	<2	4	<.2	<2	<2	30	.08	.022	1	1015	18.56	27	.01	55	.58	<.01	<.01	<2	1
RE 12+00S 11+00E	<1	10	<3	43	<.3	2450	146	853	5.13	2	<5	<2	<2	4	<.2	<2	4	30	.08	.022	1	1026	18.73	27	.01	54	.59	<.01	<.01	<2	1
12+00S 11+25E	<1	35	<3	56	<.3	2840	279	1925	4.38	9	<5	<2	<2	10	.2	<2	5	40	.16	.053	3	663	15.55	97	.03	34	1.14	.01	.02	<2	1
12+00S 11+30E	<1	24	<3	56	<.3	2859	183	1036	4.71	6	<5	<2	<2	5	.3	<2	3	52	.07	.068	2	806	17.31	50	.02	19	1.25	<.01	.01	<2	1
12+00S 11+75E	<1	168	<3	78	<.3	1011	27	590	6.05	35	<5	<2	2	60	<.2	<2	<2	129	1.01	.022	7	212	3.07	669	.39	<3	3.85	.02	.04	2	2
12+00S 12+25E	<1	25	<3	90	<.3	1437	150	1628	5.68	2	<5	<2	<2	36	<.2	<2	<2	77	.25	.094	2	1180	11.80	62	.02	10	1.02	.01	.02	<2	1
12+00S 12+50E	1	40	9	106	.5	1711	54	2002	4.55	52	<5	<2	<2	80	.6	<2	4	59	1.12	.052	10	616	3.36	144	.06	6	2.06	.02	.08	7	2
12+00S 13+00E	1	93	13	77	.3	2413	104	1239	4.86	18	<5	<2	<2	79	.7	<2	<2	55	1.36	.072	27	700	4.96	189	.04	8	2.92	.01	.08	3	2
12+00S 13+25E	1	17	8	72	<.3	531	35	323	4.25	5	<5	<2	<2	17	<.2	<2	3	65	.27	.019	7	349	4.58	83	.10	6	1.44	.01	.02	<2	2
12+00S 13+50E	1	15	<3	74	<.3	296	25	323	4.80	4	<5	<2	<2	13	.2	<2	<2	82	.19	.038	8	330	2.45	87	.12	3	1.12	.01	.03	2	2
12+00S 13+75E	1	16	3	83	<.3	494	32	357	4.07	5	<5	<2	<2	15	.2	<2	<2	68	.24	.040	7	382	4.81	89	.08	8	1.54	.01	.03	<2	5
12+00S 14+00E	1	12	6	67	<.3	342	30	427	4.98	7	<5	<2	<2	13	<.2	3	<2	67	.24	.055	8	438	2.68	76	.08	5	.99	.01	.03	<2	2
12+00S 14+25E	1	13	3	85	<.3	311	25	289	5.42	5	<5	<2	<2	37	.2	<2	2	85	.42	.032	8	395	2.19	48	.13	3	1.08	.01	.04	<2	2
12+00S 14+50E	2	22	5	107	<.3	358	32	474	5.25	8	<5	<2	<2	30	.5	2	<2	75	.39	.057	9	366	2.71	87	.08	4	1.52	.01	.04	<2	4
12+00S 14+75E	2	22	4	111	<.3	420	42	703	5.49	6	<5	<2	<2	14	<.2	<2	2	77	.22	.092	9	398	3.13	122	.08	5	1.45	.01	.05	<2	7
12+00S 15+00E	2	34	6	102	<.3	353	28	437	5.15	6	6	<2	<2	12	<.2	<2	<2	76	.14	.034	10	320	3.15	108	.12	5	1.77	.01	.04	<2	4
12+00S 15+25E	2	21	4	111	<.3	378	29	420	5.33	14	<5	<2	<2	17	.4	<2	2	80	.23	.056	8	405	2.78	109	.09	4	1.65	.01	.04	<2	17
12+00S 15+50E	2	25	5	99	<.3	496	46	562	5.28	12	<5	<2	<2	23	.6	<2	4	71	.40	.046	7	462	3.77	45	.07	6	1.70	.01	.02	<2	4
12+00S 15+75E	3	24	8	130	<.3	293	25	503	5.44	10	<5	<2	<2	20	.4	2	<2	74	.24	.063	8	348	2.36	69	.07	<3	1.69	.01	.04	<2	2
12+00S 16+00E	1	23	<3	121	<.3	441	35	513	5.80	8	<5	<2	<2	14	.3	<2	<2	76	.24	.078	7	447	3.90	90	.06	9	1.51	.01	.03	<2	3
12+00S 16+25E	1	17	6	95	<.3	257	18	310	3.81	6	<5	<2	<2	15	.4	<2	<2	67	.23	.064	9	280	2.64	125	.08	<3	1.45	.01	.03	<2	1
12+00S 16+50E	1	22	6	93	<.3	296	21	336	4.76	10	<5	<2	<2	15	.4	3	<2	79	.22	.083	10	329	2.84	75	.12	4	1.77	.01	.03	<2	32
12+00S 16+75E	1	24	5	108	<.3	428	32	462	4.54	8	<5	<2	<2	14	.4	<2	<2	64	.22	.075	8	350	3.42	94	.09	5	1.78	.01	.02	<2	1
12+00S 17+00E	2	21	3	121	<.3	290	21	366	5.35	9	<5	<2	<2	14	.4	2	<2	78	.18	.060	8	311	2.85	91	.15	4	1.84	.01	.03	<2	1
STANDARD C/AU-S	20	59	36	124	5.9	75	32	963	3.90	42	23	7	36	51	17.9	17	19	62	.48	.091	40	60	.97	175	.09	25	1.74	.06	.14	11	47

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
12+00S 17+25E	3	28	10	133	<.3	174	15	369	4.84	17	<5	<2	<2	13	.9	<2	<2	64	.12	.062	10	238	1.41	143	.08	<3	1.97	.01	.04	<2	4
12+00S 17+50E	2	24	9	111	<.3	179	16	482	5.33	9	<5	<2	<2	12	.6	<2	<2	73	.14	.087	8	297	1.58	125	.11	<3	1.62	.01	.04	<2	2
12+00S 17+75E	3	30	8	117	<.3	128	17	641	5.53	13	<5	<2	<2	13	.6	<2	<2	66	.13	.090	9	230	1.54	87	.08	<3	2.21	.01	.04	<2	3
13+00S 0+25E	1	64	8	90	<.3	135	21	762	4.21	10	<5	<2	<2	44	.6	<2	<2	69	1.28	.079	10	128	1.69	123	.18	<3	1.95	.02	.11	<2	2
13+00S 0+25-1	1	35	8	80	<.3	78	16	589	3.50	8	<5	<2	<2	34	.4	2	<2	65	.64	.053	9	86	1.11	107	.14	<3	1.59	.02	.06	<2	1
13+00S 0+50E	1	34	8	66	<.3	72	13	521	3.10	5	<5	<2	<2	28	.5	<2	<2	63	.56	.043	12	85	.99	119	.14	<3	1.59	.02	.05	<2	<1
13+00S 0+75E	2	19	5	87	<.3	48	8	233	5.86	8	<5	<2	<2	14	1.1	<2	<2	72	.21	.084	7	100	.83	66	.13	<3	2.08	.01	.04	<2	<1
13+00S 1+00E	3	51	12	117	.3	108	16	536	4.23	11	<5	<2	<2	19	.5	3	<2	55	.24	.034	10	120	1.08	100	.07	<3	2.25	.01	.08	<2	1
13+00S 1+25E	5	273	10	252	.7	269	26	1264	5.23	21	<5	<2	2	41	1.8	<2	<2	72	.58	.081	27	196	1.52	132	.10	<3	3.78	.01	.10	2	5
13+00S 1+50E	5	71	13	191	<.3	55	15	995	7.06	20	<5	<2	<2	18	1.4	<2	<2	82	.24	.119	8	100	1.23	88	.05	<3	2.04	.01	.04	<2	1
13+00S 1+75E	4	170	12	385	2.0	138	17	1207	4.09	6	9	<2	<2	74	5.8	<2	<2	55	1.11	.109	57	110	1.14	123	.04	<3	2.53	.01	.08	<2	2
RE 13+00S 2+50E	1	176	8	177	<.3	149	19	670	4.04	6	<5	<2	<2	36	.7	<2	2	69	.56	.048	16	106	1.51	79	.18	<3	2.33	.01	.06	<2	1
13+00S 2+00E	5	65	12	216	1.2	139	18	450	6.19	32	<5	<2	2	28	1.5	<2	<2	89	.40	.041	14	263	1.56	126	.11	<3	2.80	.01	.05	<2	<1
13+00S 2+25E	2	118	7	146	.8	90	15	617	3.54	11	<5	<2	<2	47	2.3	<2	<2	57	.69	.049	26	156	1.16	118	.12	<3	1.81	.01	.06	<2	<1
13+00S 2+50E	2	169	7	173	<.3	163	19	648	3.96	7	<5	<2	2	34	.9	<2	<2	67	.55	.047	15	103	1.68	76	.17	<3	2.26	.01	.06	<2	2
13+00S 2+75E	3	26	12	188	<.3	33	9	394	5.99	7	<5	<2	2	16	.8	2	2	89	.19	.068	10	64	.84	73	.17	<3	1.82	.01	.04	<2	2
13+00S 3+00E	5	208	13	527	.7	115	23	1272	5.80	4	<5	<2	<2	44	1.9	<2	<2	102	.62	.070	41	79	1.68	88	.10	<3	3.31	.01	.05	<2	2
13+00S 3+25E	13	134	12	267	2.4	79	19	3212	3.89	4	<5	<2	<2	50	5.4	2	<2	25	.76	.130	43	29	.66	141	<.01	<3	1.47	.01	.08	<2	4
13+00S 3+50E	24	111	16	389	.7	68	17	498	7.04	3	<5	<2	2	13	.9	<2	2	72	.09	.088	28	43	.26	114	<.01	<3	1.92	<.01	.07	<2	2
13+00S 3+75E	12	364	14	551	11.9	159	33	4767	5.49	2	25	<2	<2	131	7.0	<2	2	43	1.98	.321	142	55	.31	252	.02	<3	4.78	.01	.04	<2	10
13+00S 4+00E	4	14	12	18	.3	13	1	67	1.52	21	<5	<2	<2	15	.3	5	<2	23	.04	.035	9	19	.07	177	.10	3	.27	<.01	.04	<2	3
13+00S 4+25E	9	340	17	481	3.7	135	13	1221	4.67	2	12	<2	<2	75	5.4	<2	<2	41	1.11	.128	103	68	.91	129	.02	<3	2.87	.01	.11	<2	5
13+00S 4+50E	7	24	11	133	<.3	32	3	142	3.62	4	<5	<2	<2	6	.8	<2	<2	82	.04	.041	18	35	.28	91	.02	<3	1.73	.01	.03	<2	1
13+00S 4+75E	5	71	18	807	.3	141	31	886	6.39	25	<5	<2	2	19	1.9	<2	<2	72	.24	.048	10	75	1.16	129	.11	<3	3.30	.01	.07	<2	2
13+00S 5+00E	6	144	17	644	.8	95	12	433	7.58	<2	<5	<2	<2	51	5.8	<2	<2	79	.52	.083	25	66	.66	186	.09	<3	3.12	.01	.09	<2	2
13+00S 5+25E	3	14	10	69	<.3	23	4	175	2.71	6	<5	<2	<2	12	.6	<2	<2	60	.18	.079	9	52	.42	59	.11	<3	1.23	.01	.05	<2	<1
13+00S 5+50E	7	76	15	178	1.0	64	9	301	7.41	7	<5	<2	<2	11	.9	<2	3	77	.12	.225	15	82	1.00	106	.07	<3	3.00	.01	.07	<2	2
13+00S 5+75E	6	46	10	124	.8	31	7	307	4.20	2	<5	<2	<2	8	.6	<2	<2	45	.12	.054	10	45	.83	53	.06	<3	1.53	.01	.06	<2	2
13+00S 6+00E	3	124	9	278	2.1	306	34	1971	4.40	<2	<5	<2	<2	73	2.3	3	2	45	1.15	.085	61	203	2.91	150	.04	20	2.53	.01	.10	<2	<1
13+00S 6+25E	3	53	3	184	<.3	217	38	933	9.08	25	<5	<2	2	6	.5	<2	<2	119	.15	.174	8	208	3.35	65	.34	<3	4.35	<.01	.03	<2	2
13+00S 6+50E	4	38	8	149	.5	204	28	666	5.73	6	<5	<2	<2	24	.9	<2	<2	80	.35	.077	8	180	2.30	138	.15	11	1.72	.01	.08	<2	<1
13+00S 6+75E	3	51	9	119	<.3	60	17	648	3.76	3	<5	<2	<2	27	.5	<2	<2	51	.47	.056	14	80	1.22	100	.12	<3	1.72	.01	.07	<2	2
13+00S 7+00E	3	62	6	122	<.3	68	15	710	3.65	7	<5	<2	<2	26	.5	<2	<2	50	.47	.057	12	81	1.15	87	.12	<3	1.64	.01	.07	<2	2
13+00S 7+25E	3	131	9	129	.9	207	18	1115	4.16	5	<5	<2	<2	54	1.8	2	<2	59	.87	.099	35	121	1.27	170	.06	<3	2.68	.01	.11	<2	1
13+00S 7+50E	2	213	12	174	1.0	705	32	2555	4.71	22	<5	<2	<2	60	2.8	4	<2	66	1.02	.067	32	181	1.15	237	.07	<3	2.37	.01	.12	<2	1
STANDARD C/AU-S	21	63	41	131	6.9	69	33	961	4.08	43	17	8	38	52	18.7	18	19	60	.51	.095	41	61	.93	186	.08	24	1.84	.06	.15	10	51

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	U ppm	Au ^g ppb
13+00S 7+75E	3	63	12	103	.7	250	14	424	3.64	10	<5	<2	<2	47	1.3	<2	<2	67	.78	.060	15	102	.77	199	.05	4	2.02	.01	.09	<2	2
13+00S 8+00E	2	94	9	174	.9	1290	36	1715	5.25	76	5	<2	<2	34	1.3	<2	3	69	.78	.081	23	259	2.46	197	.05	7	3.66	.02	.13	<2	2
13+00S 8+25E	2	30	9	102	<.3	131	12	351	4.81	13	<5	<2	<2	19	.4	<2	<2	80	.23	.039	7	91	1.16	181	.08	3	2.77	.01	.04	<2	2
13+00S 8+50E	1	53	8	100	.3	1222	29	971	4.19	45	<5	<2	<2	35	.5	<2	2	63	.86	.067	17	298	2.64	189	.05	6	2.61	.01	.07	<2	1
13+00S 8+75E	2	18	7	81	<.3	171	15	288	4.92	10	<5	<2	<2	15	.4	<2	<2	98	.17	.022	6	182	1.46	137	.15	3	1.97	.01	.03	<2	2
13+00S 9+00E	2	13	7	75	<.3	172	12	244	4.41	11	<5	<2	<2	14	.3	<2	<2	86	.15	.030	6	176	1.61	79	.11	<3	1.66	.01	.04	<2	<1
13+00S 9+25E	1	15	5	75	<.3	421	27	300	3.44	6	<5	<2	<2	18	.2	<2	2	53	.29	.027	6	284	3.20	65	.08	4	1.49	.01	.03	<2	<1
13+00S 9+50E	<1	21	<3	66	<.3	881	92	1233	5.56	4	<5	<2	<2	14	.3	<2	2	41	.28	.095	4	830	7.71	93	.02	37	1.01	.01	.02	<2	1
13+00S 9+50-1	1	13	5	86	<.3	375	38	410	5.30	2	<5	<2	<2	14	.2	<2	2	66	.23	.028	5	423	3.14	141	.07	10	1.42	.01	.03	<2	1
13+00S 9+75E	<1	14	<3	21	.3	2342	134	614	5.29	7	7	<2	<2	4	.3	<2	<2	33	.06	.019	2	1039	18.41	18	.01	53	.70	<.01	<.01	<2	<1
13+00S 10+00E	<1	15	<3	36	<.3	1979	153	915	5.61	<2	<5	<2	<2	8	.2	<2	<2	42	.13	.043	2	1302	16.87	30	.03	42	1.13	.01	.01	<2	<1
13+00S 10+25E	<1	21	<3	28	<.3	1628	106	686	5.00	9	<5	<2	<2	12	.3	2	4	48	.12	.022	7	1295	13.31	45	.02	32	1.16	<.01	.01	<2	1
13+00S 10+50E	<1	85	5	49	.6	2367	73	1361	5.00	48	<5	<2	<2	119	.7	2	2	61	1.88	.054	21	1151	6.73	151	.04	16	2.55	.01	.05	8	<1
13+00S 10+75E	<1	16	4	12	.3	427	16	69	1.41	<2	<5	<2	<2	46	.4	2	<2	9	.40	.032	3	413	1.65	75	<.01	4	.23	.01	.02	<2	<1
RE 13+00S 12+25E	1	11	8	62	<.3	269	22	295	4.46	4	<5	<2	<2	12	<.2	3	<2	79	.16	.030	8	353	2.69	112	.13	6	1.24	.01	.02	<2	<1
13+00S 11+00E	<1	11	3	90	<.3	942	90	836	8.23	<2	<5	<2	<2	7	.3	<2	3	95	.23	.053	3	1380	7.41	38	.04	14	1.02	.01	.01	<2	2
13+00S 11+25E	1	14	3	25	.5	159	5	125	.39	2	<5	<2	<2	36	.3	2	<2	3	.69	.052	4	27	.62	89	<.01	5	.18	.01	.03	<2	<1
13+00S 11+50E	<1	9	7	42	<.3	191	17	229	2.38	<2	5	<2	<2	14	<.2	<2	<2	48	.16	.016	9	177	2.11	58	.07	5	1.28	.01	.03	<2	3
13+00S 11+75E	1	31	6	65	<.3	659	33	432	4.02	7	<5	<2	<2	19	.4	<2	<2	61	.28	.033	11	322	3.71	92	.10	7	1.83	.01	.05	<2	3
13+00S 12+00E	1	25	6	76	<.3	301	30	374	4.67	5	<5	<2	<2	18	.3	<2	<2	83	.15	.018	6	260	2.60	84	.12	4	1.59	.01	.03	<2	1
13+00S 12+25E	1	12	4	65	<.3	282	23	305	4.76	5	<5	<2	<2	12	.3	<2	<2	84	.17	.032	9	372	2.82	119	.13	6	1.32	.01	.03	<2	1
13+00S 12+50E	1	20	4	75	<.3	523	50	643	4.94	6	<5	<2	<2	13	.2	<2	<2	66	.22	.049	8	515	3.95	119	.07	6	1.53	.01	.02	<2	1
13+00S 12+75E	1	12	7	49	<.3	227	20	271	3.72	5	<5	<2	<2	13	.2	<2	<2	65	.19	.029	8	321	2.03	69	.09	4	1.10	.01	.03	<2	<1
13+00S 13+00E	1	14	5	69	<.3	462	30	358	4.06	6	<5	<2	<2	22	.2	<2	<2	60	.32	.046	6	434	4.27	67	.07	7	1.34	.01	.03	<2	<1
13+00S 13+25E	1	15	3	66	<.3	481	27	302	3.41	6	<5	<2	<2	31	.4	<2	<2	50	.48	.041	8	384	4.03	48	.07	10	1.41	.01	.03	<2	2
13+00S 13+50E	1	31	4	79	<.3	693	34	664	4.09	28	<5	<2	<2	35	.5	<2	<2	58	.50	.043	13	480	4.19	68	.07	9	1.54	.01	.05	<2	1
13+00S 13+75E	1	26	5	71	.3	603	31	469	3.72	11	<5	<2	<2	26	.6	2	<2	53	.39	.044	11	453	4.15	65	.07	8	1.59	.01	.05	<2	15
13+00S 14+00E	2	27	6	99	<.3	266	21	412	4.51	8	<5	<2	<2	12	.3	<2	<2	65	.16	.043	9	305	2.35	102	.06	5	1.46	.01	.04	<2	<1
13+00S 14+25E	1	15	<3	97	<.3	564	46	525	5.23	9	<5	<2	<2	13	.4	<2	<2	66	.18	.043	7	631	4.40	68	.08	9	1.48	.01	.03	<2	1
13+00S 14+50E	1	15	5	115	<.3	433	43	490	6.62	6	<5	<2	<2	22	.3	<2	<2	70	.55	.032	6	353	2.84	44	.38	3	2.93	.01	.05	<2	<1
13+00S 14+75E	1	29	5	77	<.3	425	33	455	4.18	9	<5	<2	<2	18	.7	<2	<2	64	.27	.049	11	305	2.98	78	.09	6	1.73	.01	.03	<2	<1
13+00S 15+00E	1	16	6	76	<.3	175	15	293	3.89	8	<5	<2	<2	12	.4	<2	<2	64	.16	.052	10	254	1.75	88	.08	3	1.47	.01	.05	<2	64
13+00S 15+25E	1	24	7	75	<.3	473	36	498	4.78	9	<5	<2	<2	14	.3	<2	2	67	.19	.043	8	427	3.75	71	.10	8	1.55	.01	.02	<2	2
13+00S 15+50E	1	20	4	91	<.3	369	28	514	5.15	7	<5	<2	<2	12	.7	<2	2	68	.17	.075	7	440	3.04	78	.07	7	1.36	.01	.03	<2	1
13+00S 15+75E	1	7	8	51	<.3	152	14	308	2.42	<2	<5	<2	<2	11	.3	2	<2	45	.17	.042	9	287	1.96	72	.05	4	.98	.01	.04	<2	2
STANDARD C/AU-S	20	58	35	127	6.7	69	32	954	3.96	44	23	8	37	51	17.9	18	19	61	.49	.092	40	62	.89	186	.08	26	1.79	.06	.15	10	48

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	M ppm	Au ¹ ppb
13+00S 16+00E	2	14	10	71	<.3	147	11	309	3.91	8	<5	<2	<2	12	.3	<2	<2	60	.14	.077	9	253	1.43	76	.07	<3	1.33	.01	.04	<2	12
14+00S 0+25E	2	36	9	141	<.3	85	18	474	5.26	6	<5	<2	2	23	.9	<2	<2	83	.30	.098	9	99	1.18	119	.14	<3	2.94	.01	.06	<2	<1
14+00S 0+25-1	1	29	11	86	<.3	73	12	412	3.67	6	<5	<2	2	30	.6	2	<2	67	.42	.055	9	86	1.14	121	.12	<3	2.11	.01	.06	<2	1
RE 14+00S 0+25-1	1	28	7	83	<.3	72	12	402	3.55	6	<5	<2	<2	29	.6	<2	<2	65	.40	.053	10	85	1.09	119	.12	<3	2.05	.01	.05	<2	1
14+00S 0+25-2	1	25	9	57	<.3	62	13	544	3.08	7	<5	<2	<2	35	.5	<2	<2	62	.53	.063	11	71	.98	87	.14	3	1.54	.02	.05	<2	2
14+00S 0+25-3	2	25	10	63	<.3	40	7	270	2.84	4	<5	<2	<2	25	.5	2	2	67	.27	.020	10	67	.61	95	.12	<3	1.71	.01	.05	<2	<1
14+00S 0+25-4	1	34	8	101	<.3	76	11	362	3.72	4	<5	<2	<2	28	.6	<2	<2	71	.40	.056	9	81	1.09	120	.11	<3	2.60	.01	.07	<2	<1
14+00S 0+50E	1	32	5	75	<.3	95	13	370	3.22	6	<5	<2	2	22	.3	<2	<2	56	.36	.045	9	101	1.24	93	.16	<3	2.10	.01	.05	<2	<1
14+00S 0+75E	1	34	7	58	<.3	91	14	549	3.17	4	<5	<2	2	24	.3	<2	<2	61	.43	.050	9	96	1.11	89	.17	<3	1.67	.01	.05	<2	1
14+00S 1+00E	1	40	9	124	<.3	143	21	480	4.09	11	<5	<2	2	22	.7	<2	<2	72	.34	.053	7	108	1.18	118	.14	<3	2.90	.01	.06	<2	2
14+00S 1+25E	33	129	17	395	.4	15	2	109	6.48	<2	<5	<2	3	9	1.0	<2	2	19	.05	.100	16	7	.04	47	<.01	<3	.54	<.01	.07	<2	39
14+00S 1+50E	4	267	26	320	4.0	134	17	444	4.85	22	<5	<2	<2	64	4.1	<2	<2	71	.81	.121	41	86	1.17	187	.02	<3	3.92	.01	.09	<2	7
14+00S 1+75E	6	136	14	436	2.7	165	23	642	5.92	24	<5	<2	2	47	3.8	<2	<2	68	.53	.061	21	91	1.09	192	.03	<3	3.79	.01	.11	<2	4
14+00S 2+00E	3	67	15	175	<.3	58	18	670	5.25	9	<5	<2	2	29	1.5	<2	<2	85	.41	.091	11	61	1.11	99	.14	<3	2.11	.01	.09	<2	1
14+00S 2+25E	3	81	17	428	<.3	77	20	994	6.16	11	<5	<2	2	31	1.5	<2	<2	82	.43	.134	10	72	1.83	117	.13	<3	2.42	.01	.09	<2	1
14+00S 2+50E	5	179	14	1072	.3	65	15	2813	4.33	7	<5	<2	<2	53	10.6	<2	<2	47	.62	.065	41	37	.69	154	.11	<3	2.03	.01	.16	<2	2
14+00S 2+75E	7	181	14	893	1.2	61	10	548	4.30	4	<5	<2	<2	53	3.7	<2	<2	66	.74	.077	64	41	.92	109	.04	<3	1.91	.01	.07	<2	6
14+00S 3+00E	17	427	25	701	2.6	68	18	1878	4.87	<2	<5	<2	<2	89	14.3	<2	3	82	1.23	.192	87	21	.23	218	.01	<3	1.93	.01	.09	<2	7
14+00S 3+25E	12	210	18	410	1.6	59	19	659	5.29	3	<5	<2	2	44	2.3	<2	3	46	.55	.105	56	16	.19	158	<.01	<3	1.94	.01	.07	<2	6
14+00S 3+50E	13	66	26	139	<.3	21	3	142	6.01	3	<5	<2	4	10	.7	<2	<2	35	.09	.058	25	32	.70	112	<.01	<3	1.72	<.01	.10	<2	3
14+00S 3+75E	9	265	27	659	1.3	148	36	871	7.42	<2	<5	<2	4	11	3.2	<2	<2	84	.13	.061	55	55	.86	177	.03	<3	4.54	.01	.06	<2	3
14+00S 4+00E	12	952	23	813	7.9	445	80	1166	8.48	5	19	<2	2	83	6.4	<2	2	57	1.18	.207	95	98	.95	250	.04	<3	6.69	.02	.13	<2	12
14+00S 4+25E	6	210	15	395	1.4	138	21	1157	4.71	11	<5	<2	<2	55	5.2	<2	2	54	.78	.075	43	81	.98	211	.04	<3	2.83	.01	.12	<2	5
14+00S 4+50E	4	174	14	225	.9	89	18	1024	3.88	4	7	<2	<2	58	2.4	<2	<2	57	.85	.053	53	82	1.02	131	.07	<3	2.19	.01	.09	<2	2
14+00S 4+75E	9	62	13	190	<.3	44	10	484	5.12	9	<5	<2	2	10	1.2	<2	4	46	.12	.113	13	55	.47	82	.03	<3	1.41	.01	.06	<2	3
14+00S 5+00E	9	50	19	250	.3	27	6	326	5.01	8	<5	<2	2	9	1.6	<2	<2	64	.06	.109	14	37	.32	75	.06	<3	1.48	.01	.05	<2	1
14+00S 5+25E	13	121	21	282	.6	58	19	572	5.69	12	<5	<2	4	10	1.6	<2	3	41	.12	.077	14	44	.76	71	.04	<3	2.07	.01	.09	<2	7
14+00S 5+50E	14	32	9	39	<.3	8	1	70	1.48	<2	5	<2	2	3	.2	2	3	21	.04	.033	20	15	.27	41	.05	<3	.85	<.01	.09	<2	5
14+00S 5+75E	9	141	20	155	<.3	36	7	371	5.56	3	<5	<2	8	6	.5	<2	3	41	.05	.070	22	31	1.34	62	.11	<3	2.00	<.01	.19	<2	16
14+00S 6+00E	19	174	26	411	.7	86	42	1311	10.14	<2	<5	<2	<2	41	2.5	<2	<2	57	.35	.249	49	51	.40	120	.02	7	2.94	.01	.10	<2	18
14+00S 6+25E	10	316	23	589	1.4	224	73	4413	6.20	9	6	<2	3	68	3.8	<2	2	75	.74	.117	82	84	.99	230	.03	<3	5.75	.01	.15	<2	2
14+00S 6+50E	4	35	9	98	<.3	14	5	392	3.42	2	<5	<2	4	13	.5	<2	2	19	.08	.059	16	16	.70	40	.02	<3	1.09	.01	.09	<2	1
14+00S 6+75E	3	42	12	106	.4	63	10	380	4.55	7	<5	<2	2	16	.9	<2	2	88	.16	.069	11	97	.86	123	.12	<3	2.22	.01	.06	<2	1
14+00S 7+00E	2	71	9	130	<.3	127	20	599	4.20	7	<5	<2	2	19	.9	<2	<2	64	.31	.049	12	111	1.35	106	.17	<3	2.67	.01	.09	<2	1
14+00S 7+25E	4	61	9	124	.5	69	16	543	3.75	6	<5	<2	<2	19	.9	<2	3	52	.32	.053	12	82	1.10	88	.13	<3	1.72	.01	.07	<2	2
STANDARD C/AU-S	21	61	36	128	6.1	69	32	978	3.99	41	17	8	38	52	18.5	18	20	59	.50	.093	41	63	.90	178	.09	25	1.82	.06	.16	11	49

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	V ppm	Au ⁴ ppb
14+00S 7+50E	2	38	7	94	<.3	79	13	503	3.45	5	<5	<2	<2	24	.2	<2	<2	64	.40	.041	11	100	1.25	125	.15	<3	1.84	.01	.05	<2	3
14+00S 7+75E	2	36	8	88	.3	90	14	582	4.05	9	<5	<2	<2	24	<.2	3	<2	76	.31	.068	8	112	1.25	135	.15	<3	2.01	.01	.07	2	2
14+00S 8+00E	2	39	8	142	.4	98	13	545	4.51	8	<5	<2	<2	20	<.2	<2	<2	79	.29	.090	8	97	1.30	116	.11	<3	2.57	.01	.08	<2	2
14+00S 8+25E	3	28	5	95	<.3	59	9	348	4.27	11	<5	<2	<2	24	.2	<2	<2	78	.26	.174	9	75	.72	137	.08	<3	2.20	.01	.05	<2	2
14+00S 8+50E	2	90	10	126	<.3	200	15	978	3.82	11	<5	<2	<2	46	.7	<2	<2	68	.66	.059	23	100	.97	143	.08	<3	2.11	.01	.10	<2	2
14+00S 8+75E	2	23	6	122	<.3	60	9	330	5.03	8	<5	<2	<2	19	<.2	3	<2	83	.22	.121	7	88	.74	120	.10	<3	2.11	.01	.04	<2	1
14+00S 9+00E	2	23	7	87	<.3	110	11	286	4.70	9	<5	<2	<2	17	<.2	<2	<2	82	.22	.040	6	97	1.03	169	.11	<3	2.72	.01	.03	<2	1
14+00S 9+25E	2	15	7	68	<.3	45	7	236	3.96	9	<5	<2	<2	18	<.2	<2	<2	93	.16	.033	7	65	.67	134	.11	3	2.13	.01	.03	<2	2
14+00S 9+50E	2	12	8	67	<.3	64	6	202	3.91	5	<5	<2	<2	15	<.2	2	<2	100	.15	.047	7	96	.71	114	.10	<3	2.26	.01	.02	<2	2
14+00S 9+75E	1	30	3	28	<.3	2438	164	841	3.98	8	<5	<2	<2	10	<.2	<2	<2	29	.14	.036	2	480	14.92	40	.01	15	.75	.01	.01	<2	210
14+00S 10+00E	1	40	3	34	<.3	592	46	448	3.57	<2	<5	<2	<2	12	<.2	<2	<2	41	.20	.048	4	508	5.29	52	.02	3	.92	.01	.01	<2	5
15+00S 0+25E	4	54	10	239	.3	77	14	673	7.19	7	<5	<2	2	9	<.2	2	<2	94	.14	.299	8	90	1.01	83	.08	<3	2.57	.01	.06	<2	2
15+00S 0+25-1	3	37	9	180	.3	48	10	424	4.45	8	<5	<2	2	19	.3	<2	<2	78	.22	.075	8	73	.83	85	.12	<3	1.91	.01	.05	<2	1
15+00S 0+25-2	5	82	11	211	.4	159	28	1405	6.71	32	<5	<2	2	18	<.2	2	<2	86	.24	.143	8	190	1.47	106	.11	<3	2.86	.01	.07	<2	2
15+00S 0+25-3	3	123	12	122	.8	319	32	767	5.31	37	<5	<2	<2	51	.2	<2	<2	66	.88	.058	27	329	1.76	116	.11	<3	3.26	.01	.07	<2	3
15+00S 0+25-4	2	82	10	90	.3	114	16	746	4.02	9	<5	<2	<2	60	.2	<2	<2	76	.86	.037	23	111	1.15	156	.09	<3	2.53	.02	.08	<2	1
15+00S 0+50E	2	34	8	120	<.3	107	18	748	4.15	9	<5	<2	<2	34	<.2	3	<2	78	.51	.054	9	123	1.50	106	.15	<3	2.31	.01	.06	<2	1
16+00S 0+25E	5	43	11	131	.3	32	8	272	3.80	16	<5	<2	4	9	.3	2	3	81	.09	.039	16	44	.46	160	.07	<3	1.72	.01	.05	<2	1
RE 16+00S 0+25E	5	41	10	127	.3	31	7	259	3.68	15	<5	<2	3	9	.2	<2	<2	80	.08	.037	16	44	.44	157	.07	<3	1.67	.01	.05	<2	1
16+00S 0+25-1	7	129	20	309	<.3	94	28	915	7.51	17	<5	<2	4	16	<.2	<2	2	82	.23	.052	15	68	1.78	90	.12	<3	3.07	.01	.16	<2	2
16+00S 0+25-2	6	89	10	189	.3	233	34	1116	6.23	60	<5	<2	2	28	<.2	<2	<2	72	.42	.086	12	301	1.65	129	.06	<3	2.97	.01	.07	<2	4
16+00S 0+25-3	3	67	7	118	<.3	148	18	740	4.17	11	<5	<2	2	41	<.2	<2	<2	66	.55	.056	15	105	1.22	95	.13	<3	2.16	.01	.10	<2	2
16+00S 0+25-4	13	74	13	142	<.3	326	21	484	6.28	16	<5	<2	2	9	<.2	<2	<2	139	.06	.046	6	230	.58	118	.05	<3	1.49	.01	.05	<2	4
16+00S 0+25-5	8	45	9	147	.4	104	10	778	3.76	12	<5	<2	2	65	<.2	<2	<2	66	.94	.058	5	107	.93	117	.01	<3	2.15	.01	.08	<2	2
16+00S 0+25-6	33	26	8	139	<.3	39	8	460	3.15	11	<5	<2	<2	9	<.2	2	<2	79	.10	.039	12	66	.70	54	.04	<3	1.25	.01	.06	<2	3
16+00S 0+25-7	4	71	11	234	<.3	151	17	652	5.75	38	<5	<2	3	16	.3	<2	2	69	.21	.112	9	139	1.35	120	.10	<3	2.38	.01	.06	<2	3
16+00S 0+25-8	2	57	8	201	.5	188	19	512	4.79	12	<5	<2	3	25	.4	<2	<2	79	.25	.070	11	99	1.24	92	.14	<3	3.08	.01	.07	<2	2
16+00S 0+25-9	4	26	8	90	<.3	31	6	421	2.46	15	<5	<2	<2	8	.6	3	2	66	.15	.044	12	52	.40	57	.06	<3	1.25	.01	.06	2	1
16+00S 0+25-10	3	32	10	90	<.3	41	7	319	3.01	8	<5	<2	2	24	.3	2	2	68	.25	.058	10	59	.54	96	.12	<3	1.42	.01	.06	<2	1
16+00S 0+50E	7	171	19	191	<.3	103	23	1254	6.76	18	<5	<2	4	35	.5	<2	<2	67	.45	.050	26	63	1.83	67	.09	<3	2.50	.01	.14	<2	3
16+00S 0+75E	5	64	18	195	.6	15	4	189	3.86	6	<5	<2	3	18	1.0	<2	<2	46	.18	.046	17	19	.41	184	.04	<3	2.60	.01	.13	<2	2
16+00S 1+00E	3	121	20	629	.3	90	26	1598	3.69	8	<5	<2	<2	28	2.3	2	<2	27	.38	.034	18	16	1.31	60	.11	<3	1.85	.01	.13	<2	1
16+00S 1+25E	47	208	20	646	.9	123	21	1663	8.31	17	<5	<2	3	13	1.8	7	<2	27	.13	.065	19	12	.46	75	.09	<3	1.41	.01	.09	<2	6
16+00S 1+50E	5	171	11	720	1.0	66	8	1000	4.69	<2	<5	<2	2	30	2.2	<2	2	49	.31	.047	23	17	.85	88	.15	<3	2.08	.01	.26	<2	3
16+00S 1+75E	19	346	12	724	3.3	59	8	1941	3.50	3	<5	<2	<2	95	17.4	<2	2	43	1.32	.112	24	15	.17	175	<.01	<3	1.54	.01	.06	<2	6
STANDARD C/AU-S	19	58	37	122	5.7	66	31	1037	3.85	39	18	7	36	49	16.8	18	20	60	.48	.089	39	58	.88	174	.08	24	1.74	.06	.15	11	48

Sample type: SDIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au ⁶ ppb
16+00S 2+00E	9	87	10	336	.8	21	4	126	3.97	2	<5	<2	2	18	1.3	<2	4	29	.21	.052	23	11	.14	69	<.01	<3	1.29	.01	.07	<2	5
16+00S 2+25E	14	116	16	519	6.3	41	6	312	4.10	<2	<5	<2	2	59	4.4	2	2	38	.71	.118	44	19	.08	111	<.01	<3	1.79	.01	.07	<2	9
16+00S 2+50E	16	139	13	1188	1.5	190	29	1319	6.05	17	<5	<2	2	51	5.7	3	<2	50	.77	.075	21	34	.38	174	.01	<3	2.82	.01	.08	<2	3
16+00S 2+75E	15	11	8	79	<.3	5	1	57	2.02	<2	6	<2	2	7	.5	2	3	54	.09	.032	30	11	.09	58	<.01	<3	1.11	.01	.07	<2	2
16+00S 3+00E	7	50	24	62	.9	11	6	259	3.40	7	<5	<2	4	13	.5	2	<2	27	.13	.056	20	20	.18	77	<.01	<3	1.12	<.01	.10	<2	2
16+00S 3+25E	1	11	8	23	<.3	5	1	51	1.12	4	<5	<2	3	1	.2	3	3	30	.01	.021	9	18	.31	28	<.01	<3	1.74	<.01	.07	<2	1
16+00S 3+50E	29	38	18	63	<.3	8	1	64	4.15	<2	<5	<2	7	7	.3	3	3	48	.03	.039	30	24	.32	81	.01	<3	1.22	<.01	.10	<2	2
16+00S 3+75E	14	125	25	214	1.3	40	4	182	7.35	<2	<5	<2	6	52	1.0	2	3	67	.50	.091	40	49	.80	282	.02	<3	3.54	.01	.11	<2	2
16+00S 4+00E	10	69	14	263	<.3	61	15	633	6.63	8	<5	<2	3	13	.7	2	<2	100	.14	.077	23	47	.96	118	.03	<3	2.68	<.01	.05	<2	1
16+00S 4+25E	12	95	22	227	.3	44	12	583	7.26	6	<5	<2	6	5	.9	2	4	28	.03	.085	33	20	.34	183	<.01	<3	1.32	<.01	.06	<2	1
16+00S 4+50E	4	117	11	301	<.3	130	23	465	6.31	8	<5	<2	<2	44	1.2	4	2	99	.55	.048	14	83	1.07	180	.09	<3	3.90	.01	.09	<2	1
16+00S 4+75E	3	68	10	85	<.3	60	14	504	3.60	7	<5	<2	4	19	.5	<2	2	52	.28	.017	16	70	.99	64	.14	<3	1.47	.01	.05	<2	3
16+00S 5+00E	3	83	8	151	1.0	76	12	327	3.85	8	<5	<2	3	22	.9	3	2	63	.27	.023	14	74	1.07	63	.14	<3	2.17	.01	.06	<2	4
16+00S 5+25E	8	50	15	79	.5	28	4	119	4.24	3	<5	<2	4	16	.8	2	<2	75	.10	.039	25	47	.37	128	.07	<3	1.30	.01	.09	<2	1
16+00S 5+50E	12	125	17	167	<.3	87	16	304	5.91	6	<5	<2	6	12	.6	<2	2	64	.10	.055	19	74	1.06	142	.06	<3	3.17	.01	.08	<2	3
16+00S 5+75E	26	177	19	153	.3	58	7	316	7.88	<2	<5	<2	9	9	.6	<2	4	57	.07	.117	42	62	1.07	139	.02	<3	3.05	.01	.10	<2	4
16+00S 6+00E	2	83	6	100	.5	83	13	328	4.10	7	<5	<2	3	18	.7	<2	<2	71	.19	.047	14	83	1.05	118	.13	<3	2.89	.01	.05	<2	1
RE 16+00S 6+00E	2	84	9	101	.4	83	13	326	4.07	5	<5	<2	2	18	.6	<2	<2	71	.18	.046	13	81	1.05	119	.13	<3	2.91	.01	.05	<2	2
16+00S 6+25E	2	35	6	107	<.3	54	10	293	4.60	2	<5	<2	2	15	.7	<2	<2	67	.21	.055	9	87	.89	99	.11	<3	3.08	.01	.04	<2	2
16+00S 6+50E	5	71	12	134	.3	60	11	386	5.89	5	<5	<2	3	14	.6	2	2	64	.17	.059	13	86	.94	87	.10	<3	2.89	.01	.05	<2	3
16+00S 6+75E	9	91	15	262	.3	69	11	367	5.78	5	<5	<2	4	17	1.2	3	<2	65	.18	.058	13	74	.98	129	.09	<3	2.77	.01	.07	<2	4
16+00S 7+00E	6	42	13	89	<.3	29	5	240	4.15	3	<5	<2	2	15	1.0	2	<2	84	.18	.099	12	59	.55	116	.12	<3	1.77	.01	.07	<2	2
16+00S 7+25E	7	57	11	157	<.3	45	8	277	5.06	6	<5	<2	3	13	.8	2	<2	86	.14	.061	12	68	.66	97	.11	<3	2.22	.01	.05	<2	3
16+00S 7+50E	5	73	10	185	.9	73	17	422	5.14	7	<5	<2	3	26	1.0	<2	<2	78	.34	.055	18	88	.93	102	.12	<3	3.08	.01	.07	<2	2
16+00S 7+75E	3	40	12	174	<.3	58	14	534	7.14	17	<5	<2	2	13	.9	<2	<2	132	.16	.091	12	74	2.03	83	.20	<3	4.00	.01	.12	<2	2
16+00S 8+00E	4	78	9	145	<.3	95	19	716	4.41	11	<5	<2	3	22	.9	4	<2	61	.42	.058	15	88	1.31	76	.19	<3	1.98	.01	.09	<2	3
16+00S 8+25E	4	58	10	162	.8	101	18	603	4.76	15	<5	<2	<2	27	1.0	2	2	80	.38	.106	13	76	1.14	136	.06	<3	2.98	.01	.10	<2	3
16+00S 8+50E	4	77	7	117	<.3	72	18	687	3.98	9	<5	<2	3	19	.5	2	<2	57	.33	.038	18	79	1.18	51	.20	<3	1.63	.01	.07	<2	4
16+00S 8+75E	3	47	5	107	<.3	70	13	432	4.02	8	<5	<2	<2	20	.6	2	<2	61	.37	.060	12	88	1.24	82	.16	<3	2.16	.01	.07	<2	2
16+00S 9+00E	3	40	9	133	.3	64	10	395	5.61	10	<5	<2	2	19	1.0	<2	<2	88	.21	.093	9	76	.89	106	.10	<3	3.18	.01	.07	<2	2
16+00S 9+25E	1	18	8	84	<.3	106	12	457	3.38	11	<5	<2	<2	32	.6	2	<2	74	.49	.061	9	66	1.00	111	.10	<3	1.64	.01	.05	<2	2
16+00S 9+25E #2	2	34	8	140	<.3	113	18	657	4.20	8	<5	<2	2	29	.5	<2	<2	78	.27	.172	8	67	.89	142	.08	<3	3.07	.02	.06	<2	2
16+00S 9+50E	2	22	8	108	<.3	251	31	464	4.22	12	<5	<2	<2	29	.7	<2	<2	78	.31	.035	8	115	1.15	185	.12	<3	2.14	.02	.04	<2	2
16+00S 9+75E	1	26	<3	24	<.3	3992	252	1634	3.99	102	<5	<2	<2	3	.4	<2	<2	23	.03	.010	4	1009	23.96	34	<.01	156	.45	<.01	<.01	<2	4
16+00S 10+00E	<1	7	<3	19	<.3	4253	262	741	2.95	11	<5	<2	<2	1	.4	<2	<2	17	.01	.011	1	541	25.04	10	<.01	102	.27	<.01	<.01	<2	3
STANDARD C/AU-S	20	60	36	123	5.9	66	31	939	3.88	39	18	7	37	51	18.0	18	23	62	.48	.089	40	59	.88	176	.09	23	1.79	.06	.14	11	51

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



AA ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
16+00S 10+25E	<1	19	<3	52	<.3	2224	150	1040	4.83	4	<5	<2	<2	6	.3	2	<2	31	.10	.051	3	1030	17.04	58	.02	68	.64	<.01	.01	<2	109
16+00S 10+50E	1	110	8	117	.9	1264	48	808	5.52	56	<5	<2	<2	42	.6	5	<2	61	.63	.100	21	636	4.36	277	.03	15	3.34	.01	.14	14	2
16+00S 10+75E	<1	19	<3	75	<.3	1140	127	1297	6.15	13	<5	<2	<2	23	.2	5	<2	65	.45	.111	4	805	9.37	108	.07	20	1.68	.01	.03	<2	2
16+00S 11+25E	1	25	<3	24	<.3	3355	106	801	3.08	9	5	<2	<2	4	<.2	<2	<2	32	.10	.016	2	851	21.90	19	.01	84	.81	<.01	<.01	<2	2
16+00S 11+50E	<1	13	<3	59	<.3	248	26	383	5.09	<2	<5	<2	<2	28	<.2	<2	<2	111	.95	.011	<1	58	2.55	72	.35	3	2.12	.09	.42	<2	<1
16+00S 11+75E	<1	33	<3	25	<.3	2318	115	620	4.06	8	<5	<2	<2	5	.2	<2	2	44	.42	.026	3	638	17.37	26	.03	29	1.06	<.01	<.01	<2	<1
16+00S 12+00E	1	24	5	43	<.3	446	35	311	3.04	8	<5	<2	<2	17	.2	3	<2	51	.18	.013	7	255	2.84	67	.10	4	1.33	.01	.02	<2	2
16+00S 12+25E	1	14	5	58	<.3	221	19	326	4.31	5	<5	<2	<2	21	.2	<2	<2	67	.20	.039	8	283	2.01	54	.11	5	1.49	.01	.02	<2	6
16+00S 12+50E	<1	29	4	57	<.3	17	8	275	1.92	<2	<5	<2	<2	20	.4	2	<2	35	1.11	.077	3	14	.50	31	.55	<3	.46	<.01	<.01	<2	<1
RE 16+00S 11+50E	<1	11	<3	58	<.3	238	26	383	5.10	<2	<5	<2	<2	28	<.2	2	<2	110	.95	.011	<1	51	2.47	73	.35	3	2.14	.09	.43	<2	<1
16+00S 12+75E	<1	3	3	48	<.3	264	14	76	1.24	<2	<5	<2	<2	3	<.2	2	<2	24	.49	.014	2	602	2.01	6	.03	<3	.75	.01	.01	<2	<1
STANDARD C/AU-S	21	60	36	128	6.7	74	33	982	3.97	44	17	7	37	52	18.6	14	21	60	.48	.092	42	62	.92	183	.08	27	1.81	.06	.14	10	47

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Hera Resources Inc. PROJECT BORNITE File # 95-3406 Page 1

P.O. Box 11611, 350 650, Vancouver BC V6B 4M9 Submitted by: U. Howat

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	
7+00S 15+00W	2	51	13	95	.3	95	19	487	5.69	9	<5	<2	3	13	<2	<2	80	.29	.051	8	159	1.50	37	.34	<3	2.77	.01	.07	<2	2	
7+00S 14+75W	3	42	13	103	<.3	81	19	533	5.68	8	<5	<2	4	9	<2	<2	122	.21	.045	1	190	1.74	49	.49	<3	3.27	<.01	.04	<2	1	
7+00S 14+50W	2	59	13	81	.3	65	13	421	4.82	5	<5	<2	4	11	<2	<2	94	.17	.050	4	144	1.14	45	.40	<3	2.49	.01	.03	<2	3	
7+00S 14+25W	2	52	11	62	<.3	56	18	627	3.37	3	<5	<2	<2	12	<2	2	<2	52	.29	.060	3	59	1.53	66	.14	<3	2.10	.01	.04	<2	2
7+00S 14+00W	2	75	13	78	<.3	67	19	448	4.24	6	<5	<2	3	13	.2	<2	<2	75	.31	.037	4	103	1.63	61	.22	<3	2.27	.01	.04	<2	<1
7+00S 13+75W	2	173	9	56	.3	64	23	517	4.25	<2	<5	<2	<2	13	<2	<2	63	.49	.060	3	69	1.65	41	.20	<3	2.76	.01	.02	<2	2	
7+00S 13+50W	2	136	8	57	<.3	59	17	417	4.82	5	<5	<2	<2	18	<2	<2	96	.66	.029	2	84	1.49	31	.32	<3	2.33	.01	.04	<2	1	
7+00S 13+25W	2	76	16	66	<.3	70	21	410	4.33	3	5	<2	2	10	<2	<2	74	.33	.039	1	88	1.86	87	.23	<3	2.49	.01	.03	<2	<1	
7+00S 13+00W	2	854	11	60	.9	106	26	1191	3.94	8	<5	<2	<2	35	<2	<2	73	2.55	.109	13	110	1.37	71	.07	3	3.08	.01	.04	<2	2	
7+00S 12+50W	3	216	13	39	.6	48	11	301	3.16	4	<5	<2	<2	24	.6	<2	<2	92	1.14	.043	3	91	.64	48	.20	<3	1.50	.01	.02	<2	<1
7+00S 12+25W	2	45	13	65	<.3	68	12	328	3.89	3	<5	<2	4	11	<2	<2	91	.32	.027	2	171	1.28	48	.52	<3	2.64	.01	.03	<2	<1	
7+00S 12+00W	3	43	15	68	.3	55	12	346	4.45	5	<5	<2	3	14	.2	<2	<2	136	.29	.036	2	146	1.01	109	.54	<3	1.92	.01	.03	<2	3
7+00S 11+75W	3	155	17	74	.3	70	16	634	5.90	10	<5	<2	4	15	<2	<2	147	.22	.033	2	154	1.35	52	.62	<3	2.76	.01	.02	<2	2	
7+00S 11+50W	2	50	11	97	<.3	87	19	565	5.73	4	<5	<2	3	13	<2	<2	119	.41	.071	2	168	1.75	51	.45	<3	2.75	.01	.04	<2	2	
7+00S 11+25W	2	47	13	87	<.3	82	18	488	6.40	9	<5	<2	3	13	<2	<2	116	.29	.092	3	176	1.46	89	.42	<3	2.76	.01	.04	<2	2	
RE 7+00S 10+00W	2	33	6	129	<.3	104	22	510	6.43	10	<5	<2	5	14	<2	<2	104	.38	.201	5	207	1.68	100	.23	<3	2.83	.01	.05	<2	2	
7+00S 11+00W	3	187	14	82	.4	79	17	463	4.66	10	<5	<2	<2	19	<2	<2	84	.71	.036	7	159	1.39	58	.32	<3	2.62	.01	.04	<2	2	
7+00S 10+75W	2	124	13	98	<.3	68	21	1030	4.09	7	<5	<2	<2	20	<2	<2	80	.83	.050	6	133	1.08	138	.26	<3	2.18	.01	.05	<2	<1	
7+00S 10+50W	3	214	10	170	.5	112	34	2051	5.19	7	<5	<2	<2	24	1.2	<2	<2	89	.87	.105	10	159	1.25	175	.22	<3	2.83	.01	.10	<2	3
7+00S 10+25W	2	18	10	61	<.3	44	7	259	2.58	4	<5	<2	<2	13	<2	<2	63	.38	.053	4	115	.69	72	.31	<3	1.39	.01	.04	<2	<1	
7+00S 10+00W	3	33	9	127	<.3	100	21	503	6.35	12	<5	<2	4	13	.3	<2	<2	102	.36	.196	5	202	1.66	98	.22	<3	2.78	.01	.05	<2	2
7+00S 9+75W	2	49	7	82	<.3	106	16	411	4.66	6	<5	<2	2	15	<2	<2	69	.36	.112	4	149	1.49	85	.18	<3	2.01	.01	.05	<2	<1	
7+00S 9+50W	3	33	10	106	.3	70	13	395	5.06	9	<5	<2	<2	21	<2	<2	92	.49	.052	4	141	1.08	139	.30	<3	2.00	.01	.03	<2	<1	
7+00S 9+25W	3	443	8	187	.7	250	36	2569	5.96	15	<5	<2	2	32	1.3	<2	<2	96	.98	.070	26	190	1.80	284	.12	<3	4.44	.01	.12	<2	<1
7+00S 9+00W	2	65	10	118	<.3	124	21	645	4.02	10	<5	<2	<2	23	.3	<2	<2	69	.68	.053	6	146	1.67	129	.19	3	2.16	.01	.06	<2	<1
7+00S 8+75W	2	58	4	80	<.3	107	19	696	3.74	8	<5	<2	<2	23	<2	<2	63	.57	.072	9	127	1.51	101	.17	3	2.03	.01	.05	<2	5	
7+00S 8+50W	1	41	11	78	<.3	97	18	556	3.71	5	<5	<2	2	22	<2	<2	62	.58	.062	7	135	1.58	68	.24	<3	1.91	.01	.05	<2	2	
7+00S 8+25W	3	117	27	125	1.0	142	24	948	4.43	10	<5	<2	<2	38	.3	<2	<2	73	1.02	.069	17	141	1.44	172	.12	3	2.70	.01	.11	<2	1
7+00S 3+00W	3	40	7	101	.4	58	10	530	3.05	12	<5	<2	<2	62	<2	<2	57	.90	.074	13	67	.90	134	.10	3	1.63	.02	.08	<2	<1	
7+00S 2+75W	2	42	6	100	.3	71	13	662	3.21	9	<5	<2	<2	50	.7	<2	<2	61	.73	.074	12	80	.92	124	.11	3	1.57	.02	.07	<2	1
7+00S 2+50W	5	89	13	147	.6	137	17	438	3.51	12	<5	<2	<2	44	.8	<2	<2	64	.60	.075	23	127	1.13	176	.09	3	2.22	.02	.08	<2	3
7+00S 2+25W	9	172	18	250	<.3	227	29	1173	5.90	62	<5	<2	6	12	1.5	<2	<2	50	.16	.068	16	274	1.50	80	.06	<3	1.84	.01	.06	2	6
7+00S 2+00W	7	70	14	212	<.3	148	20	620	5.40	57	<5	<2	4	15	.7	<2	<2	58	.19	.125	9	234	1.33	84	.06	<3	2.14	.01	.05	2	4
7+00S 1+75W	3	53	5	109	<.3	123	18	626	3.56	18	<5	<2	<2	24	.6	<2	<2	60	.32	.043	12	174	1.13	94	.12	<3	1.59	.01	.04	<2	2
7+00S 1+50W	2	32	12	90	<.3	82	13	338	3.85	12	<5	<2	2	26	<2	<2	71	.29	.039	9	111	1.17	89	.14	<3	2.04	.01	.05	<2	3	
STANDARD C/AU-S	22	57	42	137	6.1	68	32	974	3.86	46	20	7	38	52	17.4	17	20	59	.48	.089	42	59	.88	176	.09	25	1.76	.06	.15	12	49

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MM FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 - SAMPLE TYPE: SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 8 1995 DATE REPORT MAILED: *Sept 13/95* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG, CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	AU*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	
7+00S 1+25W	5	48	11	201	<.3	120	22	678	4.19	20	<5	<2	3	21	1.5	<2	<2	63	.26	.037	8	167	1.07	112	.09	3	2.07	.01	.05	2	6
7+00S 1+00W	9	120	15	233	1.3	179	20	799	4.79	23	<5	<2	2	41	3.0	3	<2	59	.49	.051	16	183	1.05	102	.05	<3	1.90	.01	.07	2	7
7+00S 0+75W	6	60	21	146	.3	57	9	337	3.92	10	<5	<2	<2	26	.9	<2	<2	61	.32	.086	8	82	.71	85	.06	<3	1.58	.01	.05	<2	9
7+00S 0+50W	6	28	13	254	<.3	48	10	329	4.70	8	<5	<2	4	20	1.8	2	<2	69	.22	.154	7	67	.81	117	.07	<3	2.08	.01	.05	3	2
7+00S 0+25W	9	24	10	120	<.3	25	5	318	3.19	7	<5	<2	2	10	.4	2	<2	68	.14	.052	13	46	.32	67	.03	<3	1.31	.01	.04	<2	5
9+00S 20+00W	3	43	11	92	<.3	215	25	614	5.36	4	<5	<2	4	11	.6	<2	<2	84	.34	.030	3	337	2.20	32	.34	<3	2.90	.01	.05	<2	3
9+00S 19+75W	2	152	4	77	<.3	115	25	543	5.27	6	<5	<2	4	16	.5	<2	<2	81	.45	.023	3	179	1.75	28	.32	<3	3.05	.01	.05	<2	4
9+00S 19+50W	2	97	8	89	<.3	137	28	514	5.20	6	<5	<2	3	16	<.2	<2	<2	79	.41	.045	3	201	1.90	41	.30	<3	3.02	.01	.06	<2	1
9+00S 18+75W	1	94	5	92	<.3	81	30	1111	4.89	3	<5	<2	3	18	.2	<2	<2	77	.55	.068	2	127	1.67	58	.22	<3	2.47	.01	.08	<2	3
9+00S 18+50W	2	116	6	102	<.3	53	24	746	5.31	4	<5	<2	2	13	<.2	2	<2	90	.34	.069	4	91	1.23	54	.22	<3	2.35	.01	.05	<2	5
9+00S 18+25W	2	145	<3	107	<.3	92	27	520	5.60	4	<5	<2	2	10	<.2	<2	<2	90	.30	.046	1	161	1.64	29	.31	<3	2.89	.01	.04	<2	4
9+00S 18+00W	2	235	<3	96	<.3	110	33	915	5.66	5	<5	<2	3	16	.4	<2	<2	91	.44	.044	4	190	1.88	43	.28	<3	3.28	.01	.04	<2	4
9+00S 17+75W	2	68	<3	152	<.3	93	24	538	6.59	3	<5	<2	3	13	.9	<2	<2	104	.44	.096	2	178	1.56	53	.29	<3	2.68	.01	.05	<2	4
9+00S 17+25W	1	91	<3	98	<.3	94	24	656	4.87	<2	<5	<2	2	14	<.2	<2	<2	73	.51	.079	2	167	1.76	60	.29	<3	2.50	.01	.05	<2	2
9+00S 17+00W	2	42	7	72	<.3	100	21	508	4.92	6	<5	<2	4	13	<.2	<2	<2	76	.41	.058	3	180	1.81	53	.36	<3	2.59	.01	.05	<2	5
9+00S 16+75W	1	18	<3	64	<.3	59	12	327	3.37	<2	<5	<2	2	14	.2	<2	<2	67	.48	.071	3	138	1.12	84	.32	<3	1.82	.01	.05	<2	3
9+00S 16+50W	2	117	4	88	<.3	107	25	561	5.45	5	<5	<2	3	12	<.2	<2	<2	91	.38	.030	3	154	1.97	49	.36	<3	3.07	.01	.05	<2	2
9+00S 16+25W	2	46	5	80	<.3	68	21	676	4.85	<2	<5	<2	3	17	.2	<2	<2	91	.49	.095	2	145	1.43	162	.26	<3	2.39	.01	.04	<2	8
9+00S 16+00W	2	32	<3	72	<.3	72	16	422	4.47	4	<5	<2	3	15	.2	<2	<2	86	.45	.057	2	150	1.46	67	.37	<3	2.11	.01	.06	<2	3
9+00S 15+75W	2	35	5	77	<.3	65	14	361	4.09	3	<5	<2	<2	15	.3	4	<2	87	.45	.047	3	144	1.16	69	.33	<3	1.98	.01	.07	<2	2
9+00S 15+50W	2	60	<3	89	<.3	82	19	451	5.14	4	<5	<2	<2	14	.5	<2	<2	89	.38	.124	3	159	1.50	68	.24	<3	2.45	.01	.06	<2	3
9+00S 15+25W	3	40	5	109	<.3	110	23	501	5.61	8	<5	<2	3	14	.2	<2	<2	88	.36	.139	3	179	1.72	75	.23	<3	2.47	.01	.07	<2	5
9+00S 15+00W	2	50	5	87	<.3	103	19	436	5.60	7	<5	<2	3	17	.2	<2	<2	103	.42	.065	3	163	1.49	121	.31	<3	2.29	.01	.06	<2	9
9+00S 14+75W	2	64	5	86	<.3	128	26	543	5.38	7	<5	<2	3	15	<.2	<2	<2	85	.44	.079	4	187	1.86	55	.28	<3	2.67	.01	.06	<2	3
9+00S 14+50W	3	63	7	96	<.3	97	21	454	5.23	8	<5	<2	5	13	<.2	<2	<2	93	.39	.077	4	169	1.63	91	.30	<3	2.78	.01	.05	<2	13
9+00S 14+25W	2	144	6	81	.3	128	26	557	5.15	6	<5	<2	3	17	<.2	<2	<2	94	.54	.039	5	163	1.68	89	.27	<3	2.81	.01	.06	<2	4
9+00S 14+00W	2	155	9	92	.5	104	23	1200	4.58	6	<5	<2	2	20	.4	<2	<2	84	.83	.051	8	150	1.28	98	.21	<3	2.42	.01	.05	<2	2
9+00S 13+75W	2	267	6	79	.7	127	22	962	3.90	8	<5	<2	<2	26	.3	<2	<2	69	1.31	.058	13	144	1.41	94	.15	<3	2.66	.01	.06	<2	4
9+00S 13+50W	1	143	<3	75	<.3	125	21	606	4.27	5	<5	<2	3	21	.3	<2	<2	77	.66	.053	6	149	1.76	75	.22	<3	2.31	.01	.04	<2	1
RE 9+00S 13+25W	2	71	6	64	<.3	94	16	557	3.71	8	<5	<2	<2	30	.4	2	<2	78	.55	.050	8	105	1.23	91	.14	<3	1.89	.01	.05	<2	5
9+00S 13+25W	1	64	7	61	<.3	87	15	519	3.50	7	<5	<2	<2	27	<.2	<2	<2	74	.51	.047	8	97	1.16	83	.13	3	1.77	.01	.04	<2	3
9+00S 13+00W	2	148	<3	68	.3	145	22	665	4.02	8	<5	<2	<2	20	<.2	<2	<2	68	.57	.050	8	148	1.68	64	.19	3	1.89	.01	.05	<2	1
9+00S 12+75W	2	132	11	115	.3	146	22	924	4.23	11	<5	<2	<2	28	.5	<2	<2	77	.65	.065	12	123	1.27	128	.12	<3	2.44	.01	.06	<2	4
9+00S 12+50W	2	24	6	84	<.3	48	9	282	3.08	5	<5	<2	<2	23	<.2	2	<2	68	.41	.042	5	75	.86	84	.14	<3	1.55	.01	.04	<2	2
9+00S 12+25W	2	131	11	89	.5	128	20	1142	4.02	8	<5	<2	<2	30	.2	<2	<2	77	.77	.054	12	118	1.12	149	.09	3	2.51	.01	.07	<2	4
STANDARD C/AU-S	20	58	36	125	6.2	67	32	936	3.83	42	18	6	37	52	17.5	18	20	62	.48	.087	39	61	.87	174	.08	29	1.76	.06	.15	10	51

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	S ppm	Al %	Na %	K %	W ppm	Au ^u ppb
9+00S 12+00W	3	66	9	76	<.3	85	14	563	3.33	2	<5	<2	<2	32	<.2	<2	<2	68	.53	.042	11	90	.94	146	.10	3	2.03	.01	.04	<2	2
9+00S 11+75W	1	32	5	73	<.3	104	17	491	3.58	3	<5	<2	<2	35	.2	<2	<2	66	.48	.066	10	108	1.34	95	.13	4	1.70	.01	.04	<2	1
9+00S 11+50W	2	46	5	73	<.3	94	16	480	3.48	3	<5	<2	<2	34	.4	<2	<2	66	.52	.058	10	106	1.24	98	.12	4	1.74	.01	.04	<2	1
9+00S 11+25W	2	68	8	78	.4	94	16	670	3.71	4	<5	<2	<2	34	.3	<2	<2	67	.63	.052	11	109	1.27	102	.13	3	1.84	.02	.05	2	1
9+00S 11+00W	2	63	6	73	.3	86	13	442	3.35	2	<5	<2	<2	35	.2	<2	<2	65	.63	.064	11	98	1.09	105	.12	<3	1.77	.02	.05	<2	<1
9+00S 10+75W	2	70	4	84	.4	126	18	2617	4.15	10	<5	<2	2	36	1.0	<2	<2	65	.61	.087	15	116	1.17	138	.13	3	1.75	.02	.05	<2	<1
9+00S 10+50W	2	48	9	86	<.3	108	19	695	4.00	6	<5	<2	<2	33	.2	<2	<2	70	.66	.070	10	128	1.41	110	.13	<3	1.99	.01	.06	<2	<1
9+00S 10+25W	2	57	5	81	<.3	123	20	644	3.86	7	<5	<2	3	29	<.2	<2	<2	67	.45	.068	11	159	1.44	98	.14	<3	1.75	.01	.04	<2	3
9+00S 10+00W	2	46	3	81	<.3	118	21	670	3.91	8	<5	<2	3	26	<.2	<2	<2	67	.38	.062	10	151	1.45	80	.16	<3	1.78	.01	.04	<2	<1
9+00S 9+75W	1	33	<3	62	<.3	64	12	555	3.16	5	<5	<2	2	40	.4	<2	<2	64	.57	.075	11	75	.85	81	.14	<3	1.24	.02	.04	<2	1
9+00S 9+50W	1	29	4	69	<.3	63	12	441	3.09	3	<5	<2	<2	35	<.2	<2	<2	61	.48	.062	10	87	1.01	84	.13	<3	1.47	.01	.03	<2	2
9+00S 9+25W	2	44	4	70	<.3	79	14	501	3.37	<2	<5	<2	3	35	<.2	<2	<2	65	.58	.052	11	99	1.10	105	.13	<3	1.75	.01	.04	<2	<1
9+00S 9+00W	2	40	<3	78	<.3	78	13	417	3.56	2	<5	<2	<2	33	<.2	<2	<2	69	.49	.046	9	101	1.06	116	.10	<3	2.05	.01	.06	<2	<1
RE 9+00S 9+50W	2	29	8	70	<.3	68	13	450	3.13	4	<5	<2	<2	36	<.2	<2	<2	62	.49	.062	11	90	1.03	85	.13	<3	1.50	.02	.03	<2	2
9+00S 8+75W	2	54	9	93	.3	122	20	773	4.09	6	<5	<2	3	37	<.2	<2	<2	74	.66	.074	10	128	1.57	108	.17	<3	1.99	.02	.07	<2	3
9+00S 8+50W	3	48	10	102	.5	140	21	764	3.77	5	<5	<2	3	40	.3	<2	<2	65	.63	.079	11	162	1.74	114	.12	6	1.75	.02	.08	<2	1
9+00S 8+25W	3	42	8	95	<.3	176	21	685	3.82	8	<5	<2	3	20	.3	<2	<2	60	.40	.056	10	215	1.79	74	.14	3	1.62	.01	.07	<2	<1
STANDARD C/AU-S	22	61	37	132	6.9	70	34	1030	4.03	42	17	9	40	55	17.9	18	21	61	.52	.094	41	62	.92	192	.09	31	1.85	.06	.15	12	51

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-3362 Page 1

P.O. Box 11611, 350-650 Vancouver BC V6E 4M9 Submitted by: U. Mowat

Table with columns for SAMPLE#, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Au*, and ppm/ppb values for various samples.

1CP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. SAMPLE TYPE: SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Retruns and 'RRE' are Reject Retruns.

DATE RECEIVED: SEP 7 1995 DATE REPORT MAILED: Sept 13/95 SIGNED BY: D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	NON ANALYTICAL																								V	Ce	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au ^a
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	%	%	ppm	ppm	%	ppm	%														
9+00N 16+75W	2	86	9	74	<.3	172	24	646	5.19	12	<5	<2	3	12	.4	<2	<2	74	.41	.097	3	210	2.25	35	.26	<3	2.54	.01	.03	<2	5							
9+00N 16+50W	2	38	6	74	<.3	138	18	456	5.28	7	<5	<2	3	10	<.2	<2	<2	81	.32	.072	2	230	1.76	39	.27	<3	2.32	.01	.03	<2	4							
9+00N 16+25W	2	40	9	57	<.3	104	14	370	4.34	8	<5	<2	2	11	<.2	<2	<2	87	.25	.061	4	175	1.18	52	.23	<3	1.57	.01	.02	<2	1							
9+00N 16+00W	1	40	6	57	<.3	113	17	618	4.22	4	<5	<2	<2	9	<.2	<2	<2	77	.28	.068	2	188	1.57	57	.25	<3	1.78	<.01	.03	<2	2							
9+00N 15+75W	1	33	8	72	<.3	137	19	431	5.10	5	<5	<2	2	12	<.2	<2	<2	83	.31	.119	3	188	1.57	62	.21	<3	1.75	.01	.03	<2	<1							
9+00N 15+50W	2	80	11	88	<.3	300	25	465	4.97	7	<5	<2	<2	16	.2	<2	<2	68	.40	.053	3	210	1.86	96	.18	3	2.66	.01	.03	<2	<1							
9+00N 15+25W	2	87	10	73	<.3	219	41	3641	4.68	15	<5	<2	4	21	.6	<2	<2	65	.38	.076	7	147	1.68	119	.13	<3	2.26	.01	.04	<2	<1							
BL 7+50S	14	125	15	440	<.3	76	14	869	6.35	12	<5	<2	3	8	1.2	<2	<2	35	.07	.134	12	37	.54	85	.01	<3	1.67	.01	.05	<2	9							
BL 8+00S	6	24	49	193	<.3	33	14	5101	4.39	14	<5	<2	2	6	2.0	<2	<2	21	.06	.262	10	64	.17	81	.01	<3	.97	<.01	.03	<2	2							
BL 8+50S	8	113	21	263	<.3	211	28	545	5.66	55	<5	<2	4	11	1.2	<2	<2	57	.13	.066	12	284	1.40	189	.03	<3	2.43	.01	.06	<2	9							
BL 9+00S	8	138	19	277	<.3	165	26	600	5.39	32	<5	<2	3	14	1.0	<2	<2	53	.20	.059	10	139	1.14	95	.09	3	2.30	.01	.07	<2	12							
BL 9+50S	6	62	19	162	<.3	397	46	705	6.06	42	<5	<2	4	15	1.2	<2	<2	56	.18	.060	7	253	2.70	97	.08	3	2.45	.01	.04	<2	4							
BL 10+00S	3	56	20	87	<.3	133	23	827	4.31	13	<5	<2	<2	31	<.2	<2	<2	72	.54	.070	10	154	1.58	94	.17	3	2.08	.01	.05	<2	2							
BL 10+50S	5	76	13	115	1.4	183	24	824	4.62	25	<5	<2	3	32	.9	<2	<2	65	.39	.031	13	187	1.48	79	.12	3	1.79	.01	.06	<2	5							
BL 11+00S	2	51	12	88	<.3	122	16	308	3.55	10	<5	<2	2	25	.3	<2	<2	62	.26	.028	8	106	1.19	112	.12	3	2.15	.01	.04	<2	4							
BL 11+50S	2	22	10	45	<.3	54	10	497	2.83	6	<5	<2	<2	32	.5	<2	<2	59	.46	.033	8	66	.88	67	.15	4	1.21	.02	.03	<2	2							
RE BL 11+50S	1	22	8	46	<.3	56	11	506	2.87	8	<5	<2	2	32	.8	<2	<2	59	.46	.034	9	69	.89	68	.15	<3	1.22	.02	.04	<2	2							
BL 12+00S	4	19	15	139	<.3	47	10	529	4.62	12	<5	<2	4	12	.6	<2	<2	85	.15	.112	10	100	.77	84	.09	<3	1.62	.01	.05	<2	3							
BL 12+50S	2	61	13	98	<.3	129	19	1076	4.39	16	<5	<2	2	49	.2	<2	<2	78	.67	.074	12	90	1.27	157	.13	3	2.13	.02	.13	<2	2							
BL 13+00S	2	32	11	96	<.3	91	18	584	4.38	16	<5	<2	3	19	.5	<2	<2	76	.32	.133	6	111	1.00	118	.13	3	1.92	.01	.06	<2	2							
BL 13+49S	2	51	8	112	<.3	378	17	746	3.47	11	<5	<2	<2	49	.5	<2	<2	59	.81	.073	12	123	1.36	119	.11	9	1.65	.02	.07	<2	2							
BL 13+50S	2	48	5	100	.4	287	17	865	3.55	14	<5	<2	<2	45	.5	<2	<2	59	.78	.074	11	120	1.39	97	.12	7	1.54	.02	.09	<2	1							
BL 14+00S	2	57	13	97	<.3	94	16	712	4.06	9	<5	<2	2	51	<.2	<2	<2	72	.74	.075	11	83	1.21	166	.12	4	2.00	.03	.10	<2	2							
BL 14+50S	2	64	14	92	<.3	112	16	638	4.17	15	<5	<2	<2	47	.2	2	<2	76	.71	.070	11	97	1.26	165	.14	3	2.16	.02	.12	<2	2							
BL 15+00S	2	44	12	72	<.3	93	17	842	3.60	12	<5	<2	<2	40	<.2	<2	<2	67	.59	.061	11	92	1.17	133	.14	3	1.81	.02	.08	<2	2							
BL 15+50S	1	53	9	77	<.3	93	17	659	3.67	14	<5	<2	2	44	<.2	<2	<2	67	.70	.075	10	99	1.37	116	.16	4	1.73	.03	.10	<2	2							
BL 16+00S	6	203	18	239	2.1	352	35	1209	6.12	48	<5	<2	5	53	<.2	2	<2	70	.81	.036	33	275	1.68	109	.09	3	2.54	.01	.12	<2	8							
BL 16+50S	6	85	18	512	<.3	202	31	963	6.61	47	<5	<2	4	32	.3	<2	<2	72	.39	.111	8	195	1.51	104	.07	<3	2.54	.01	.11	<2	6							
BL 17+00S	5	88	<3	123	.5	356	21	671	3.08	33	<5	<2	<2	39	.4	2	<2	34	.61	.044	12	625	1.44	54	.01	3	.98	.01	.07	<2	3							
BL 17+50S	3	62	11	88	.3	131	21	853	4.03	14	<5	<2	4	43	<.2	<2	<2	70	.68	.070	12	121	1.38	124	.14	3	1.97	.02	.11	<2	4							
BL 18+00S	3	47	18	89	.3	116	13	440	3.58	16	<5	<2	<2	33	<.2	<2	<2	56	.55	.046	11	113	1.21	106	.09	3	1.93	.01	.06	<2	3							
BL 18+50S	2	33	6	73	<.3	89	14	587	3.47	13	<5	<2	2	38	.7	2	<2	66	.63	.070	9	94	1.16	90	.15	4	1.63	.02	.07	<2	2							
BL 19+00S	3	68	4	74	.3	229	19	826	3.26	16	<5	<2	<2	36	.5	<2	<2	62	.66	.075	13	115	1.16	96	.12	4	1.78	.02	.09	<2	2							
STANDARD C/AU-S	20	57	36	123	5.4	64	32	935	3.80	42	18	7	40	51	16.8	17	18	57	.48	.090	39	59	.86	177	.08	32	1.77	.06	.15	10	46							

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppb	
25+00E 16+25S	5	54	7	149	1.3	94	16	618	4.11	10	<5	<2	4	58	.6	2	<2	48	.55	.036	18	127	1.11	85	.07	<3	1.95	.01	.08	<2	2
25+00E 16+50S	4	72	13	162	1.2	124	17	734	4.27	16	<5	<2	5	73	.6	<2	<2	51	.73	.063	19	173	1.14	91	.05	<3	2.06	.01	.09	<2	2
25+00E 16+75S	4	52	9	123	1.4	114	16	997	3.59	11	<5	<2	<2	68	.9	<2	<2	41	.76	.074	14	151	1.21	76	.04	3	1.63	.01	.07	<2	2
25+00E 17+00S	4	53	6	125	1.2	110	16	1031	3.59	11	<5	<2	3	77	.4	<2	<2	41	.86	.081	15	162	1.15	78	.04	3	1.66	.01	.07	<2	1
25+00E 17+25S	2	38	<3	47	<3	104	12	350	2.06	6	<5	<2	<2	39	.4	<2	<2	33	.52	.037	6	91	.91	61	.05	3	.97	.01	.03	<2	5
25+00E 17+50S	2	57	9	55	2.0	134	9	147	1.31	6	7	<2	<2	177	1.1	<2	<2	25	2.07	.178	16	173	.62	196	.03	3	1.83	.01	.06	<2	2
25+00E 17+75S	3	34	11	194	1.3	98	13	987	3.42	10	<5	<2	<2	117	.6	<2	<2	40	1.33	.145	11	131	.87	100	.03	<3	1.77	.01	.05	<2	2
25+00E 18+00S	4	27	<3	126	<3	64	11	455	3.96	13	<5	<2	2	17	.4	<2	<2	61	.18	.060	6	96	.80	105	.04	<3	1.73	.01	.03	<2	5
17+00S 6+00E	4	14	12	71	<3	25	5	172	3.54	5	<5	<2	2	13	.3	<2	<2	88	.16	.100	6	58	.50	67	.11	<3	1.46	.01	.03	<2	1
17+00S 6+25E	4	38	6	116	<3	45	11	325	3.79	6	<5	<2	4	24	<2	<2	<2	67	.24	.032	11	69	.82	133	.10	<3	1.67	.01	.04	<2	2
17+00S 6+50E	5	79	9	90	.5	55	17	306	3.74	6	<5	<2	2	34	<2	3	<2	64	.23	.046	31	65	.80	279	.07	<3	2.09	.01	.04	<2	2
17+00S 6+75E	3	27	7	107	<3	67	10	222	5.07	8	<5	<2	5	12	<2	<2	<2	78	.13	.102	6	93	.76	98	.10	<3	3.07	.01	.05	<2	3
17+00S 7+00E	3	47	9	103	<3	85	17	401	3.68	14	<5	<2	5	16	.6	2	<2	64	.21	.054	8	76	.98	93	.11	<3	2.09	.01	.05	<2	2
17+00S 7+25E	3	18	6	84	<3	47	8	280	4.62	10	<5	<2	5	14	.4	2	<2	82	.16	.155	5	83	.70	95	.07	<3	2.37	.01	.03	<2	1
17+00S 7+50E	3	37	9	123	<3	84	16	547	3.80	12	<5	<2	4	15	1.0	<2	<2	63	.17	.072	6	72	1.01	93	.09	<3	2.33	.01	.05	<2	1
17+00S 7+75E	4	25	<3	111	<3	59	11	269	3.56	9	<5	<2	3	16	.5	2	<2	61	.19	.112	5	70	.79	112	.07	<3	2.65	.01	.04	<2	1
RE 17+00S 6+75E	5	27	5	106	<3	72	10	222	4.99	14	<5	<2	4	12	.5	<2	<2	77	.13	.101	6	93	.75	98	.10	<3	3.06	.01	.04	<2	1
17+00S 8+00E	3	28	10	144	.3	85	15	296	3.69	11	<5	<2	3	14	1.6	<2	<2	63	.16	.090	5	74	.85	93	.07	<3	2.81	.01	.04	<2	2
17+00S 8+25E	4	26	8	82	<3	28	5	324	4.42	14	<5	<2	2	11	.8	4	<2	83	.11	.161	7	57	.51	63	.07	<3	1.61	.01	.04	<2	3
17+00S 8+50E	4	26	13	106	.4	41	8	242	4.66	12	<5	<2	4	15	<2	<2	<2	76	.16	.114	7	64	.66	75	.08	<3	1.69	.01	.04	<2	1
17+00S 8+75E	10	97	23	168	<3	67	31	1032	5.69	13	<5	<2	4	14	.6	2	<2	71	.13	.104	11	55	.80	145	.09	<3	2.29	.01	.07	<2	1
17+00S 9+00E	6	39	14	134	<3	48	12	412	5.68	10	<5	<2	6	10	.7	2	<2	81	.10	.126	7	66	1.04	82	.11	<3	2.18	.01	.05	<2	2
17+00S 9+25E	4	23	9	93	.6	38	9	383	4.34	35	<5	<2	5	12	.6	3	<2	81	.12	.129	6	65	.84	75	.10	<3	1.90	.01	.04	<2	3
17+00S 9+50E	4	19	12	75	<3	31	6	213	4.42	11	<5	<2	4	14	<2	<2	<2	81	.17	.097	7	64	.68	76	.10	<3	1.86	.01	.04	<2	1
17+00S 9+75E	4	52	9	139	1.7	74	15	966	3.84	9	<5	<2	2	66	1.4	<2	<2	66	.84	.126	17	61	.71	260	.02	<3	2.86	.01	.12	<2	<1
17+00S 10+00E	3	17	9	82	<3	58	8	240	4.97	15	<5	<2	5	17	.7	3	<2	98	.14	.184	5	59	.81	85	.09	3	1.69	.01	.02	<2	1
17+00S 10+25E	2	20	5	78	<3	49	8	333	2.60	5	<5	<2	<2	26	.2	<2	<2	50	.35	.057	8	48	.86	90	.09	3	1.86	.01	.04	<2	1
17+00S 10+50E	2	13	4	53	<3	19	4	131	1.75	<2	<5	<2	<2	17	.3	<2	<2	42	.15	.037	7	33	.45	95	.05	<3	1.78	.01	.03	<2	1
17+00S 10+75E	3	29	<3	144	.3	54	9	268	4.00	11	<5	<2	2	16	.9	<2	<2	68	.19	.113	6	64	.77	99	.06	<3	3.35	.01	.04	<2	1
17+00S 11+00E	3	16	6	67	<3	20	4	148	3.03	5	<5	<2	2	12	.4	2	<2	62	.12	.109	6	48	.49	60	.07	<3	1.62	.01	.03	<2	1
17+00S 11+25E	3	38	8	130	<3	209	15	300	4.11	9	<5	<2	5	14	.8	2	<2	64	.15	.100	10	123	1.67	79	.09	<3	1.89	.01	.04	<2	<1
17+00S 11+50E	3	15	7	109	<3	37	7	238	4.72	10	<5	<2	3	15	<2	<2	<2	73	.18	.179	5	63	.69	103	.06	<3	2.80	.01	.04	<2	1
17+00S 11+75E	3	13	7	67	<3	28	5	187	3.24	13	<5	<2	<2	14	.5	2	<2	70	.15	.119	5	46	.49	67	.07	<3	1.67	.01	.03	<2	2
17+00S 12+00E	3	19	4	104	<3	54	7	207	3.49	8	<5	<2	3	15	.5	<2	<2	63	.16	.091	5	58	.60	96	.06	<3	2.56	.01	.03	<2	1
17+00S 12+25E	3	44	7	95	<3	77	11	403	3.35	13	<5	<2	3	23	1.6	4	<2	62	.26	.051	11	74	.83	127	.08	<3	1.98	.01	.04	<2	1
STANDARD C/AU-S	21	59	40	126	5.9	67	34	991	3.96	43	19	7	38	52	18.6	15	19	61	.48	.094	39	61	.89	179	.07	30	1.76	.06	.14	9	49

Sample type: SOIL. Samples beginning 'RE' are reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
17+00S 12+50E	3	24	9	110	<.3	42	7	282	4.31	8	<5	<2	3	18	.5	<2	<2	76	.21	.133	6	60	.77	89	.07	3	2.80	.01	.07	<2	4
17+00S 12+75E	3	15	12	78	<.3	31	6	220	3.74	5	<5	<2	3	16	.4	2	<2	60	.17	.159	6	56	.55	64	.08	<3	2.20	.01	.05	<2	2
17+00S 13+00E	3	22	13	87	<.3	33	8	279	3.12	8	<5	<2	2	18	.4	<2	2	66	.16	.047	6	43	.55	90	.08	<3	1.96	.01	.05	<2	3
17+00S 13+25E	3	12	4	86	<.3	37	6	161	3.98	5	<5	<2	3	16	.7	<2	<2	77	.15	.096	6	68	.48	103	.09	<3	2.74	.01	.04	<2	2
17+00S 13+50E	2	8	10	55	<.3	561	50	616	3.71	2	<5	<2	2	15	.7	<2	<2	52	.15	.046	3	406	5.14	103	.05	8	1.12	.01	.05	<2	2
17+00S 13+75E	2	14	3	49	<.3	2810	250	1733	6.34	3	<5	<2	6	8	.2	<2	<2	35	.09	.081	1	1449	18.00	88	.01	47	.63	<.01	<.01	2	3
17+00S 14+00E	1	21	3	47	<.3	1942	211	1526	5.33	9	<5	<2	6	11	.2	<2	2	61	.16	.087	4	1040	12.92	84	.02	34	.90	<.01	.03	<2	1
17+00S 14+25E	2	26	5	44	<.3	1526	97	700	3.79	10	<5	<2	2	11	<.2	<2	<2	40	.11	.037	7	589	9.68	97	.04	19	1.07	.01	.03	<2	2
17+00S 14+50E	1	23	6	43	<.3	1108	75	683	3.70	5	<5	<2	4	15	.3	<2	<2	42	.18	.034	4	682	7.91	109	.05	9	1.29	.01	.04	<2	8
17+00S 14+75E	1	24	3	33	<.3	684	41	362	2.97	<2	<5	<2	2	11	.3	<2	<2	39	.42	.044	5	614	5.18	28	.06	8	1.18	<.01	.03	<2	4
17+00S 15+00E	1	13	4	81	.4	349	32	630	4.20	<2	<5	<2	2	34	<.2	<2	<2	99	1.15	.116	8	216	2.48	49	.26	<3	1.43	<.01	.02	<2	5
17+00S 15+25E	4	33	11	94	<.3	130	16	358	4.18	5	<5	<2	4	14	<.2	<2	<2	66	.10	.014	9	135	1.46	108	.14	<3	2.02	.01	.05	<2	6
17+00S 15+50E	2	16	5	79	<.3	265	24	462	2.92	3	<5	<2	2	17	.2	<2	<2	47	.21	.027	7	216	2.00	91	.07	5	1.46	.01	.05	<2	2
17+00S 15+75E	3	28	7	83	<.3	118	14	262	3.45	8	<5	<2	3	16	.3	<2	<2	57	.16	.027	7	125	.96	162	.10	<3	2.23	.01	.03	<2	3
17+00S 16+00E	3	12	6	80	<.3	154	17	400	4.06	3	<5	<2	2	10	.4	<2	<2	71	.09	.031	6	253	1.31	120	.10	<3	1.73	.01	.03	<2	3
17+00S 16+25E	1	24	<3	72	<.3	686	95	2377	10.63	<2	<5	<2	7	6	.7	<2	<2	60	.04	.047	4	1364	2.29	94	.03	<3	1.38	<.01	.02	<2	6
17+00S 16+50E	2	54	<3	97	<.3	634	115	2418	11.36	<2	5	<2	7	7	.4	<2	<2	59	.04	.053	1	1455	3.64	56	.03	<3	.99	<.01	.01	<2	11
17+00S 16+75E	3	27	<3	37	<.3	616	85	1900	8.43	29	<5	<2	5	46	<.2	<2	<2	46	.43	.029	3	1668	1.70	63	.04	<3	1.17	<.01	.01	<2	4
RE 17+00S 19+00E	5	24	9	132	<.3	96	14	587	3.21	7	<5	<2	<2	35	.4	<2	<2	54	.43	.062	9	124	1.04	131	.05	<3	1.91	.01	.08	<2	3
17+00S 17+00E	3	32	9	77	.4	787	48	2567	5.04	122	<5	<2	4	61	1.5	<2	<2	52	.55	.037	7	555	1.54	74	.05	<3	1.64	.01	.03	<2	4
17+00S 17+25E	12	35	9	130	<.3	94	12	447	4.64	28	<5	<2	2	19	.5	<2	3	47	.19	.045	10	120	.40	174	.02	<3	1.36	.01	.03	<2	3
17+00S 17+50E	4	42	14	115	1.5	353	31	1809	4.22	8	<5	<2	3	79	1.5	<2	<2	55	.90	.052	15	300	1.21	99	.05	<3	2.17	.01	.08	<2	3
17+00S 17+75E	6	56	17	156	1.5	296	28	1915	4.52	13	<5	<2	3	95	1.3	<2	<2	66	1.09	.057	17	227	1.36	155	.06	<3	2.64	.01	.09	<2	4
17+00S 18+00E	4	29	11	114	.6	154	17	673	3.41	2	<5	<2	<2	69	.6	<2	<2	65	.81	.040	9	167	1.01	106	.07	<3	2.26	.01	.06	<2	3
17+00S 18+25E	4	21	12	119	<.3	27	12	833	6.54	3	<5	<2	3	13	.4	<2	<2	67	.15	.103	8	44	.91	88	.08	<3	2.10	.01	.05	<2	3
17+00S 18+50E	3	22	7	65	<.3	74	10	420	2.73	6	<5	<2	2	17	<.2	<2	<2	45	.21	.055	7	101	.63	76	.04	3	1.22	.01	.05	<2	6
17+00S 18+75E	6	40	13	106	<.3	54	15	369	5.28	15	<5	<2	3	8	<.2	<2	<2	41	.11	.072	7	57	1.13	66	.03	4	1.65	.01	.06	<2	3
17+00S 19+00E	5	24	8	130	.3	99	14	574	3.18	3	<5	<2	<2	35	.2	<2	<2	54	.43	.062	8	121	1.03	128	.05	<3	1.87	.01	.08	<2	2
17+00S 19+25E	4	28	4	101	<.3	80	10	316	4.02	2	<5	<2	2	12	<.2	<2	<2	53	.17	.135	8	123	1.16	84	.08	<3	1.58	.01	.07	<2	2
17+00S 19+50E	4	24	9	108	<.3	60	9	274	4.28	3	<5	<2	3	12	.3	<2	<2	57	.16	.088	9	113	1.03	102	.09	<3	1.77	.01	.06	<2	3
17+00S 19+75E	4	41	12	134	1.3	154	16	521	4.03	7	<5	<2	<2	83	.9	<2	<2	52	.95	.061	13	182	1.44	75	.06	3	2.03	.01	.09	<2	3
17+00S 20+00E	5	59	10	136	<.3	202	24	715	3.88	6	<5	<2	2	69	.9	<2	<2	48	.79	.059	13	156	1.57	73	.08	3	1.66	.01	.10	<2	3
17+00S 20+25E	3	47	5	108	<.3	144	20	652	3.53	5	<5	<2	3	25	.3	<2	<2	48	.31	.056	13	118	1.48	97	.10	<3	1.43	.01	.07	<2	3
17+00S 20+50E	4	31	6	99	<.3	96	13	366	3.57	4	<5	<2	3	15	.6	<2	<2	57	.14	.028	11	141	1.16	133	.08	<3	1.94	.01	.07	<2	5
17+00S 20+75E	4	26	7	89	.3	84	9	249	3.74	2	<5	<2	4	12	.2	<2	<2	51	.13	.047	9	112	1.07	102	.09	<3	1.68	.01	.06	<2	4
STANDARD C/AU-S	22	60	39	129	6.6	70	34	989	3.91	41	22	8	39	53	18.7	17	21	56	.49	.093	40	61	.90	194	.08	24	1.76	.06	.15	10	48

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ce	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
17+00S 21+00E	3	12	<3	65	<.3	29	3	166	2.05	5	<5	<2	2	19	.2	2	<2	54	.16	.027	10	45	.55	104	.09	<3	1.53	.01	.06	<2	1
17+00S 21+25E	6	36	6	219	.5	49	8	320	5.12	10	<5	<2	4	13	.5	<2	<2	75	.10	.076	10	60	.73	93	.08	3	2.52	.01	.08	<2	1
17+00S 21+50E	4	18	<3	80	<.3	22	4	195	3.88	6	<5	<2	2	16	.4	<2	<2	86	.12	.070	8	45	.50	64	.08	<3	1.94	.01	.06	<2	1
17+00S 21+75E	4	28	5	161	.3	51	7	294	4.81	9	<5	<2	2	13	.4	2	<2	73	.12	.113	8	69	.76	68	.08	<3	2.18	.01	.07	<2	4
17+00S 22+00E	3	25	5	93	<.3	43	6	243	3.60	6	<5	<2	<2	16	<.2	<2	<2	73	.14	.043	9	62	.67	69	.09	<3	2.10	.01	.05	<2	<1
17+00S 22+25E	4	29	<3	147	<.3	63	9	332	4.31	15	<5	<2	2	18	.9	<2	<2	75	.19	.118	8	72	.78	117	.08	<3	2.89	.01	.06	<2	2
17+00S 22+50E	4	27	<3	127	.6	50	7	252	5.39	9	<5	<2	2	14	.2	<2	<2	81	.12	.084	7	80	.82	164	.10	<3	2.50	.01	.06	<2	<1
17+00S 22+75E	4	17	3	112	<.3	32	5	247	4.96	9	<5	<2	2	17	.4	<2	<2	86	.13	.110	6	60	.58	86	.09	<3	2.24	.01	.06	<2	<1
17+00S 23+00E	4	32	8	136	<.3	71	8	313	4.50	8	<5	<2	<2	17	.7	<2	<2	70	.18	.130	7	77	.75	94	.07	<3	2.85	.01	.06	<2	5
17+00S 23+25E	8	21	6	99	<.3	32	5	256	3.95	19	<5	<2	2	10	<.2	<2	<2	88	.10	.058	8	57	.58	106	.08	<3	2.12	.01	.06	<2	2
17+00S 23+50E	6	31	8	131	.4	24	5	336	3.40	11	<5	<2	<2	11	.5	<2	<2	73	.10	.102	13	43	.41	43	.04	4	1.60	.01	.06	<2	1
17+00S 23+75E	4	24	9	100	<.3	22	4	313	3.33	2	<5	<2	<2	16	.2	<2	<2	55	.09	.072	7	31	.43	58	.02	<3	1.39	.01	.05	<2	<1
17+00S 24+00E	5	25	6	113	.3	66	8	309	4.67	6	<5	<2	<2	16	.4	<2	<2	82	.15	.075	9	100	.87	145	.10	<3	1.83	.01	.09	<2	<1
RE 17+00S 21+25E	7	39	9	230	.3	52	8	344	5.54	8	<5	<2	4	14	.5	<2	<2	81	.11	.082	10	66	.78	100	.09	<3	2.73	.01	.08	<2	<1
17+00S 24+25E	5	65	10	181	1.7	227	20	658	4.56	19	<5	<2	2	68	.8	<2	<2	64	.69	.045	17	175	1.78	129	.09	4	2.56	.01	.08	<2	1
17+00S 24+50E	5	114	9	240	6.8	217	17	1260	4.17	11	<5	<2	2	225	2.8	<2	<2	56	2.63	.108	29	179	.86	202	.03	3	3.13	.01	.13	<2	<1
17+00S 24+75E	5	55	6	162	1.1	171	17	323	3.66	8	<5	<2	<2	88	.9	<2	<2	55	1.04	.091	18	148	1.47	129	.09	<3	2.15	.02	.08	<2	2
18+00S 6+50E	3	26	4	91	.6	54	7	234	4.68	7	<5	<2	3	22	.2	<2	<2	89	.21	.031	7	78	.79	97	.15	<3	2.46	.01	.07	<2	<1
18+00S 6+75E	5	40	10	110	.3	60	10	335	4.69	5	<5	<2	2	24	.6	<2	<2	79	.20	.047	8	72	1.01	112	.13	<3	2.35	.01	.08	<2	3
18+00S 7+00E	2	11	5	68	.4	28	4	161	3.75	5	<5	<2	2	19	.3	<2	<2	80	.16	.064	6	57	.51	66	.11	3	1.76	.01	.05	<2	<1
18+00S 7+25E	3	25	<3	151	<.3	66	11	316	4.06	6	<5	<2	2	21	.5	<2	<2	68	.25	.093	7	74	.89	148	.10	3	3.43	.01	.07	<2	1
18+00S 7+50E	3	22	5	122	<.3	47	8	279	5.22	5	<5	<2	3	18	1.1	<2	<2	80	.22	.171	6	76	.80	109	.09	<3	2.95	.01	.07	<2	1
18+00S 7+75E	5	45	9	150	<.3	50	13	366	4.46	3	<5	<2	3	20	.5	<2	<2	68	.17	.080	12	56	.81	130	.09	3	2.57	.01	.07	<2	1
18+00S 8+00E	4	33	8	114	<.3	43	7	241	4.85	10	<5	<2	3	19	1.0	<2	<2	76	.20	.162	9	61	.73	120	.09	<3	2.44	.01	.06	<2	<1
18+00S 8+25E	5	49	12	118	.4	45	7	209	4.96	3	<5	<2	3	21	.3	<2	<2	67	.21	.098	12	54	.67	90	.09	<3	2.31	.01	.07	<2	<1
18+00S 8+50E	11	134	21	172	.4	58	11	268	5.04	3	<5	<2	8	16	.2	<2	<2	61	.10	.095	19	48	.82	125	.06	<3	3.22	.01	.12	<2	3
18+00S 8+75E	6	32	9	129	<.3	36	6	172	4.40	2	<5	<2	3	12	.5	<2	<2	66	.11	.071	9	61	.54	107	.08	3	2.82	.01	.06	<2	4
18+00S 9+00E	3	22	8	109	<.3	29	5	159	3.61	5	<5	<2	2	14	.8	<2	<2	65	.14	.064	9	59	.53	104	.11	<3	2.86	.01	.05	<2	18
18+00S 9+25E	6	38	11	225	.8	39	6	212	4.64	3	<5	<2	4	13	.7	<2	<2	81	.13	.170	8	55	.57	81	.09	<3	2.87	.01	.09	<2	7
18+00S 9+50E	5	141	8	388	<.3	128	13	323	4.23	6	<5	<2	4	13	.5	<2	<2	56	.14	.070	14	50	1.11	151	.06	<3	3.18	.01	.08	<2	4
18+00S 9+75E	5	40	8	155	<.3	29	6	410	4.93	<2	<5	<2	2	23	.6	<2	<2	87	.21	.108	11	70	1.48	130	.12	<3	2.74	.01	.09	<2	1
18+00S 10+00E	4	28	11	139	<.3	31	8	367	4.82	<2	<5	<2	3	14	.3	<2	<2	77	.16	.171	8	44	.80	100	.12	<3	2.22	.01	.12	<2	1
18+00S 10+25E	3	15	11	74	<.3	19	3	167	3.59	4	<5	<2	<2	17	.7	<2	<2	80	.18	.150	7	38	.43	67	.10	<3	1.46	.01	.06	<2	<1
18+00S 10+50E	6	30	6	122	.5	34	6	234	5.94	7	<5	<2	2	19	.7	<2	<2	99	.18	.076	7	54	.64	96	.12	<3	2.19	.01	.07	<2	1
18+00S 10+75E	2	31	5	131	.3	51	7	367	2.92	2	<5	<2	<2	38	.5	<2	<2	60	.47	.046	9	45	.82	107	.08	4	1.87	.01	.08	<2	1
STANDARD C/AU-S	22	62	39	134	6.7	73	31	1024	4.03	43	20	8	41	57	19.7	17	23	64	.52	.094	42	58	.93	196	.09	25	1.91	.07	.17	10	45

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	
18+00S 11+00E	4	16	8	116	<.3	45	7	206	4.08	10	<5	<2	2	21	1.1	<2	<2	75	.21	.106	5	57	.57	119	.07	<3	2.55	.01	.04	<2	3
18+00S 11+25E	2	17	<3	87	<.3	49	8	314	3.01	8	<5	<2	<2	26	.4	<2	<2	68	.35	.066	6	53	.85	100	.10	<3	1.56	.01	.05	<2	2
18+00S 11+50E	2	21	13	106	<.3	55	10	246	3.94	8	<5	<2	3	18	.9	<2	<2	73	.17	.116	6	67	.73	98	.09	3	2.38	.01	.04	<2	2
18+00S 11+75E	4	35	10	112	<.3	65	10	260	4.86	11	<5	<2	2	17	.9	2	<2	69	.16	.066	7	91	.89	104	.09	3	2.32	.01	.04	<2	4
18+00S 12+00E	2	20	4	112	<.3	56	11	298	2.57	2	<5	<2	2	16	.4	<2	<2	65	.24	.028	8	93	.70	205	.06	<3	1.39	.01	.06	<2	8
18+00S 12+25E	1	20	3	79	<.3	67	8	342	2.72	6	<5	<2	<2	30	.3	<2	<2	57	.42	.022	9	110	1.06	90	.14	<3	1.37	.01	.05	<2	1
18+00S 12+50E	3	64	13	218	2.1	379	33	1318	6.95	52	<5	<2	5	38	.6	<2	<2	104	.44	.148	17	279	1.66	322	.03	<3	5.21	.01	.25	<2	3
18+00S 12+75E	1	16	5	80	<.3	54	7	265	2.41	4	<5	<2	<2	24	.4	<2	<2	46	.29	.038	8	67	1.11	64	.11	<3	1.24	.01	.04	<2	3
18+00S 13+00E	2	18	6	78	<.3	60	9	382	2.53	4	<5	<2	<2	30	.3	<2	<2	48	.35	.040	9	86	1.11	73	.11	<3	1.20	.01	.05	<2	1
18+00S 13+25E	1	17	8	79	<.3	89	8	357	2.51	4	<5	<2	<2	32	.6	<2	<2	52	.34	.030	9	88	1.00	80	.12	<3	1.23	.02	.05	<2	2
18+00S 13+50E	2	25	8	93	<.3	71	9	467	2.57	3	<5	<2	<2	30	.7	<2	<2	51	.31	.023	11	92	1.21	163	.07	<3	1.48	.01	.07	<2	3
18+00S 13+75E	2	17	6	68	<.3	45	6	191	2.97	5	<5	<2	2	16	.6	<2	<2	66	.22	.085	6	79	.80	103	.12	<3	1.45	.01	.04	<2	2
RE 18+00S 13+00E	2	18	7	79	<.3	63	9	393	2.59	4	<5	<2	<2	30	.2	<2	<2	49	.34	.041	9	87	1.14	74	.11	<3	1.23	.01	.05	<2	3
18+00S 14+00E	3	38	8	118	<.3	103	13	317	3.97	12	<5	<2	3	15	.6	<2	<2	62	.15	.035	8	94	1.01	176	.09	<3	2.13	.01	.04	<2	3
18+00S 14+25E	3	18	8	69	<.3	50	7	204	3.29	5	<5	<2	2	14	.4	<2	<2	83	.13	.028	7	68	.72	108	.11	<3	1.65	.01	.04	<2	1
18+00S 14+50E	3	26	11	106	<.3	56	13	259	3.44	12	<5	<2	<2	18	.5	<2	<2	68	.18	.053	6	55	.78	113	.08	<3	2.31	.01	.05	<2	2
18+00S 14+75E	4	25	9	191	<.3	55	9	243	4.99	13	<5	<2	4	14	.5	<2	<2	81	.11	.117	6	80	.58	115	.11	<3	4.00	.01	.06	<2	2
18+00S 15+00E	3	13	10	103	<.3	31	6	199	3.78	9	<5	<2	2	16	.6	<2	<2	74	.15	.158	5	49	.61	90	.08	<3	2.46	.01	.04	<2	1
18+00S 15+25E	<1	3	<3	35	<.3	12	<1	91	1.15	<2	<5	<2	<2	11	.2	<2	<2	40	.74	.028	<1	25	.19	23	.66	<3	4.8	<.01	<.01	<2	1
18+00S 15+50E	<1	1	<3	9	<.3	1	<1	57	.20	<2	<5	<2	<2	4	.2	<2	<2	12	.78	.005	<1	4	.01	4	.06	<3	.33	<.01	<.01	<2	1
18+00S 15+75E	<1	2	<3	8	<.3	1	<1	71	.29	<2	<5	<2	<2	9	<.2	<2	<2	34	1.09	.032	<1	9	.01	7	.50	<3	.34	<.01	<.01	<2	1
18+00S 16+00E	1	18	<3	103	<.3	379	23	701	3.41	22	<5	<2	<2	39	.7	<2	<2	54	.40	.044	8	452	2.39	84	.07	4	1.65	.01	.04	<2	2
18+00S 16+25E	1	20	6	112	<.3	311	25	657	3.72	6	<5	<2	<2	40	.6	<2	<2	55	.44	.031	7	317	1.77	95	.09	3	1.38	.01	.04	<2	4
18+00S 16+50E	3	44	5	107	<.3	535	31	758	3.98	21	<5	<2	2	44	.6	<2	<2	54	.51	.050	10	334	3.04	73	.08	7	1.58	.01	.06	<2	2
18+00S 16+75E	4	50	6	123	<.3	218	29	710	4.15	14	<5	<2	4	22	.3	<2	<2	60	.26	.032	11	158	1.97	112	.14	3	1.73	.01	.07	<2	2
18+00S 17+00E	3	55	10	112	.6	465	29	702	3.99	14	<5	<2	<2	56	.6	<2	<2	58	.66	.049	13	229	2.72	105	.08	5	1.76	.01	.08	<2	5
18+00S 17+25E	3	31	7	83	<.3	102	10	238	3.04	8	<5	<2	<2	19	.6	2	<2	74	.19	.027	12	126	.93	164	.08	<3	1.85	.01	.03	<2	2
18+00S 17+50E	3	29	11	139	.3	116	12	287	3.19	8	<5	<2	<2	32	.5	<2	<2	59	.42	.035	9	102	1.13	149	.06	<3	1.80	.01	.06	<2	2
18+00S 17+75E	3	49	5	112	.4	109	14	589	3.37	7	<5	<2	2	29	.6	<2	<2	48	.40	.038	16	96	1.16	100	.10	<3	1.41	.01	.06	<2	3
18+00S 18+00E	2	52	13	134	.5	158	20	655	3.65	14	<5	<2	2	50	.8	<2	<2	50	.54	.047	15	122	1.26	126	.07	<3	1.78	.01	.08	<2	2
18+00S 18+25E	3	25	9	99	<.3	41	7	237	3.05	6	<5	<2	<2	13	.5	<2	<2	54	.15	.036	9	65	.79	125	.07	<3	1.67	.01	.07	<2	3
18+00S 18+50E	4	19	8	124	<.3	60	8	254	4.64	5	<5	<2	2	13	1.2	3	<2	79	.16	.106	8	114	.75	111	.12	<3	1.64	.01	.06	<2	2
18+00S 18+75E	4	23	10	96	.3	40	6	198	3.76	6	<5	<2	3	10	.2	<2	<2	56	.10	.079	8	69	.70	123	.07	<3	1.76	.01	.05	<2	2
18+00S 19+00E	4	29	14	136	.5	54	9	300	6.25	13	<5	<2	3	14	.6	<2	<2	81	.13	.161	8	87	.68	102	.11	<3	2.05	.01	.05	<2	2
18+00S 19+25E	4	37	7	127	<.3	79	11	293	4.41	10	<5	<2	2	11	.9	<2	<2	56	.12	.101	7	89	.89	102	.06	<3	3.43	.01	.05	<2	2
STANDARD C/AU-S	20	59	37	126	6.6	69	33	945	3.86	44	17	7	39	52	18.0	18	20	61	.49	.090	39	58	.88	184	.08	31	1.76	.06	.14	10	47

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Be ppm	Ti %	B ppm	Al %	Na %	K %	U ppm	Au ^g ppb
18+00S 19+50E	4	33	15	147	<.3	68	9	298	4.73	<2	<5	<2	3	12	.3	<2	<2	67	.13	.064	8	84	.90	110	.08	<3	2.62	.01	.06	<2	1
18+00S 19+75E	3	20	8	92	<.3	39	6	207	3.86	9	<5	<2	2	15	.4	<2	<2	72	.15	.089	6	60	.64	74	.07	<3	2.00	.01	.04	<2	<1
18+00S 20+00E	3	45	11	105	1.3	128	11	363	3.76	9	<5	<2	<2	41	.8	<2	<2	64	.48	.043	13	109	1.11	116	.08	<3	1.94	.01	.07	<2	1
18+00S 20+25E	4	40	9	117	<.3	93	14	582	3.55	6	<5	<2	<2	28	.3	<2	<2	51	.32	.045	10	93	1.16	110	.07	<3	1.47	.01	.07	<2	1
18+00S 20+50E	4	63	10	147	.6	133	16	821	3.93	8	<5	<2	<2	69	1.3	<2	<2	65	.90	.063	21	113	1.19	213	.05	3	2.30	.01	.10	<2	<1
18+00S 20+75E	3	44	5	131	<.3	160	15	438	3.73	3	<5	<2	<2	21	.4	<2	<2	61	.28	.050	11	146	1.44	147	.06	3	2.02	.01	.07	<2	2
18+00S 21+00E	3	17	8	85	<.3	34	5	198	4.67	6	<5	<2	3	14	<.2	<2	<2	86	.13	.093	6	70	.60	67	.10	<3	2.00	.01	.04	<2	3
18+00S 21+25E	2	30	7	137	<.3	66	11	321	3.65	8	<5	<2	2	17	.6	<2	<2	68	.18	.051	5	72	.94	90	.10	<3	3.07	.01	.05	<2	<1
18+00S 21+50E	3	31	11	105	<.3	60	10	268	4.02	7	<5	<2	2	16	.7	<2	<2	74	.15	.062	6	74	.85	93	.10	3	2.65	.01	.04	<2	8
18+00S 21+75E	3	39	14	166	<.3	74	9	320	3.79	11	<5	<2	<2	18	1.0	<2	<2	65	.19	.158	6	64	.81	108	.06	<3	3.08	.01	.06	<2	1
18+00S 22+00E	4	23	14	140	<.3	45	7	234	4.23	11	<5	<2	2	18	1.1	<2	<2	69	.17	.073	6	63	.63	114	.06	<3	3.73	.01	.04	<2	<1
18+00S 22+25E	4	20	8	280	.4	42	10	542	6.41	2	<5	<2	3	17	.6	<2	2	119	.28	.148	5	52	1.24	77	.28	<3	2.60	.02	.04	<2	<1
18+00S 22+50E	3	15	8	99	.7	26	5	409	4.78	6	<5	<2	2	14	.7	<2	<2	100	.14	.208	6	61	.44	110	.09	<3	2.04	.01	.05	<2	2
18+00S 22+75E	5	19	15	85	.3	25	4	244	3.99	10	<5	<2	<2	12	.5	<2	<2	85	.09	.058	7	63	.39	93	.07	<3	1.99	.01	.03	<2	<1
18+00S 23+00E	4	26	10	126	<.3	49	8	303	4.67	16	<5	<2	<2	20	.6	<2	<2	83	.22	.061	6	70	.88	141	.07	<3	2.47	.01	.05	<2	3
18+00S 23+25E	3	19	10	116	<.3	37	8	323	4.18	7	<5	<2	<2	27	<.2	<2	<2	78	.25	.055	6	64	.76	89	.07	<3	2.27	.01	.05	<2	<1
RE 18+00S 24+25E	5	38	11	127	<.3	76	10	365	5.64	9	<5	<2	<2	14	.7	<2	<2	73	.16	.175	7	111	.99	91	.07	<3	2.33	.01	.06	<2	<1
18+00S 23+50E	4	26	5	118	<.3	45	8	301	4.52	12	<5	<2	<2	16	.7	<2	2	70	.16	.089	6	72	.66	100	.07	<3	2.23	.01	.04	<2	<1
18+00S 23+75E	4	25	9	127	.8	52	9	270	4.28	11	<5	<2	<2	51	.6	<2	<2	70	.62	.083	5	80	.83	107	.05	<3	2.34	.01	.04	<2	<1
18+00S 24+00E	4	22	10	110	.3	45	8	257	3.91	9	<5	<2	<2	25	.6	<2	<2	63	.27	.077	7	69	.76	116	.07	<3	1.97	.01	.06	<2	<1
18+00S 24+25E	5	37	8	124	<.3	76	10	361	5.55	12	<5	<2	<2	14	.5	<2	<2	71	.16	.172	7	112	.97	89	.07	<3	2.28	.01	.05	<2	<1
18+00S 24+50E	3	16	9	72	<.3	37	5	187	3.44	7	<5	<2	<2	12	.5	<2	<2	65	.14	.046	6	80	.68	83	.08	<3	1.79	.01	.04	<2	1
18+00S 24+75E	4	29	9	118	.4	95	11	385	4.04	11	<5	<2	<2	29	.6	<2	<2	63	.36	.068	7	105	1.18	104	.06	<3	1.99	.01	.05	<2	2
STANDARD C/AU-S	21	59	37	130	6.3	70	30	984	3.93	41	17	7	38	52	18.7	18	20	62	.48	.091	39	60	.89	188	.08	31	1.78	.06	.14	10	47

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Hera Resources Inc. PROJECT BORNITE File # 95-3292 Page 1

P.O. Box 11511 350-650 Vancouver BC V6B 4N9 Submitted by: J. Nowak

Table with columns for SAMPLE#, No, and various elements (Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Au*). Rows list sample IDs and their corresponding element concentrations in ppm and ppb.

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MM FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. SAMPLE TYPE: SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Retuns and 'RRE' are Reject Retuns.

DATE RECEIVED: SEP 5 1995 DATE REPORT MAILED: Sept 11/95 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ACME ANALYTICAL

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	V	Au	Th	Sr	Cd	Sb	Bi	Y	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	AU*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
7-00N 11+75W	1	65	10	62	<.3	192	18	465	3.99	11	<5	<2	<2	15	<.2	<2	<2	69	.35	.032	7	182	1.71	64	.26	4	2.06	<.01	.04	2	2
7-00N 11+50W	1	63	10	106	<.3	185	25	719	5.00	8	5	<2	<2	16	<.2	<2	<2	83	.46	.043	6	205	2.27	80	.31	<3	2.25	<.01	.04	2	2
5+00S 8+25E A	<1	6	4	19	<.3	447	25	273	2.27	9	7	<2	<2	20	.5	<2	<2	18	.73	.027	2	405	3.41	43	.02	5	.26	<.01	.02	<2	1
5+00S 8+50E A	<1	49	10	36	<.3	2010	177	2214	4.77	113	11	<2	<2	15	.4	<2	<2	44	.37	.058	4	1381	11.11	50	.04	26	.94	<.01	.03	<2	<1
5+00S 8+75E A	<1	13	8	28	<.3	1961	130	823	4.79	27	9	<2	<2	11	.4	<2	<2	40	.24	.023	3	1189	14.37	31	.02	22	.76	<.01	.01	<2	2
5+00S 9+00E A	2	306	11	32	.7	2082	85	2324	5.91	269	9	<2	<2	57	.7	<2	<2	99	1.14	.136	28	1727	3.90	223	.03	9	1.72	.01	.05	<2	2
5+00S 9+25E A	1	78	8	63	<.3	511	39	768	5.04	33	<5	<2	<2	15	<.2	<2	<2	77	.46	.018	3	461	4.16	53	.23	<3	3.25	.01	.08	<2	<1
5+00S 9+25E B	1	68	10	35	<.3	1603	132	999	6.94	89	9	<2	<2	6	.5	8	2	36	.08	.015	2	833	11.10	22	.01	57	.51	<.01	.01	<2	120
5+00S 9+50E A	<1	57	9	105	<.3	388	41	758	5.50	41	<5	<2	<2	11	<.2	<2	<2	64	.39	.021	2	431	3.70	85	.33	<3	3.28	.01	.03	<2	2
5+00S 9+75E A	1	61	11	136	<.3	597	53	969	7.48	57	<5	<2	<2	11	<.2	<2	<2	129	.35	.168	14	438	4.04	129	.26	20	1.63	.01	.07	<2	2
5+00S 10+00E A	3	43	11	66	<.3	1593	86	1058	5.79	773	8	<2	<2	15	.6	<2	<2	83	.12	.049	6	1686	4.93	56	.03	5	2.38	<.01	.02	<2	55
5+00S 10+25E A	1	16	12	113	<.3	410	44	828	6.62	36	<5	<2	<2	25	<.2	<2	<2	123	.40	.042	6	630	3.84	102	.53	4	2.57	.01	.04	<2	3
RE 5+00S 10+25E B	<1	5	8	30	<.3	1680	137	879	5.83	87	12	<2	<2	5	.3	2	<2	42	.03	.010	<1	1893	17.43	17	.01	85	.56	<.01	.01	<2	1
5+00S 10+25E B	2	5	9	29	<.3	1695	136	896	6.03	87	6	<2	<2	4	.3	3	3	43	.03	.009	<1	1918	17.32	16	.01	83	.54	<.01	<.01	<2	1
5+00S 10+50E A	2	27	10	82	<.3	422	40	654	4.33	38	7	<2	<2	15	.2	<2	<2	61	.22	.054	8	410	3.96	83	.08	9	1.57	.01	.04	<2	4
5+00S 10+50E B	2	7	10	27	<.3	2020	142	1041	7.59	23	7	<2	<2	3	.2	3	<2	32	.05	.012	1	1243	14.29	21	.02	87	.48	<.01	.01	<2	2
5+00S 10+75E A	3	35	14	112	<.3	557	30	816	4.45	371	6	<2	<2	79	.5	<2	<2	66	1.03	.071	9	457	1.98	118	.05	<3	1.30	.01	.06	<2	13
5+00S 10+75E B	1	150	9	59	.3	967	109	1149	3.65	94	<5	<2	<2	38	.3	<2	<2	84	.84	.043	14	482	3.25	210	.08	11	1.75	.01	.10	<2	6
5+00S 11+00E A	1	49	10	83	.4	1384	58	779	4.60	483	<5	<2	<2	40	.5	<2	<2	53	.54	.048	13	735	6.67	75	.05	14	1.44	.02	.07	<2	6
5+00S 11+00E B	1	55	9	28	<.3	1806	161	1159	5.81	54	5	<2	<2	26	.3	<2	<2	55	.61	.027	5	1134	12.66	108	.03	70	.81	<.01	.03	<2	100
5+00S 11+25E B	7	41	17	165	<.3	406	31	546	7.02	40	<5	<2	<2	14	.2	<2	<2	73	.17	.096	8	457	3.76	119	.09	5	2.01	.01	.04	<2	5
5+00S 11+50E B	2	11	10	74	<.3	281	19	415	4.55	13	<5	<2	<2	13	<.2	<2	<2	76	.25	.048	5	450	2.57	111	.08	6	1.30	.01	.04	2	35
5+00S 11+75E B	2	20	12	84	<.3	404	33	492	4.51	19	<5	<2	<2	12	.2	<2	<2	69	.17	.041	6	383	3.45	106	.10	6	1.76	.01	.04	<2	1
5+00S 12+00E B	10	60	20	237	<.3	197	23	588	7.74	34	<5	<2	<2	14	.2	<2	<2	64	.12	.076	8	238	1.45	156	.11	<3	2.41	.01	.05	<2	1
5+00S 12+25E B	13	57	18	176	<.3	88	14	489	7.00	24	<5	<2	<2	14	.2	<2	<2	64	.09	.085	8	120	.92	208	.10	<3	2.11	.01	.06	<2	4
5+00S 12+50E B	6	28	17	118	<.3	97	13	711	4.41	21	<5	<2	<2	31	.3	<2	2	48	.33	.068	7	141	1.13	169	.10	<3	1.43	.01	.07	2	2
5+00S 12+75E B	12	106	24	250	<.3	167	39	1244	7.61	31	<5	<2	<2	22	.9	<2	<2	53	.22	.084	14	123	1.08	134	.09	<3	1.71	.01	.06	<2	3
5+00S 13+00E B	11	54	19	191	.3	42	17	1172	6.09	33	<5	<2	<2	23	.6	<2	<2	43	.25	.096	8	39	.53	132	.12	<3	1.58	.01	.07	2	1
5+00S 13+25E B	10	85	18	209	.4	64	20	1271	6.11	9	<5	<2	<2	34	.8	<2	<2	38	.41	.082	15	32	1.06	81	.17	<3	1.77	.01	.07	<2	2
5+00S 13+50E B	15	202	24	370	1.6	122	27	1268	8.57	56	9	<2	<2	118	1.7	<2	<2	40	1.40	.165	38	36	.60	106	.05	<3	2.29	.01	.05	<2	3
5+00S 13+75E B	13	158	23	344	1.4	123	36	1504	7.40	29	<5	<2	<2	100	2.7	<2	<2	58	1.11	.115	32	50	.95	98	.09	<3	2.54	.01	.05	<2	3
5+00S 14+00E B	26	45	21	200	.4	43	7	351	6.49	22	<5	<2	<2	46	.4	<2	<2	104	.10	.068	11	77	.83	123	.14	<3	2.22	.01	.05	<2	4
5+00S 14+25E B	12	70	27	206	<.3	81	13	676	6.86	46	<5	<2	<2	13	.7	<2	<2	67	.09	.091	12	113	1.11	107	.09	<3	2.30	.01	.05	2	2
5+00S 14+50E B	5	35	15	127	<.3	44	9	524	4.82	10	<5	<2	<2	11	.2	<2	<2	55	.09	.068	8	52	.69	60	.06	<3	2.13	.01	.04	<2	1
5+00S 14+75E B	21	33	15	383	<.3	42	10	1191	4.90	<2	<5	<2	<2	12	.2	<2	<2	60	.14	.077	5	36	.59	75	.17	<3	1.32	.01	.05	<2	2
STANDARD C/AU-S	17	54	35	126	6.3	67	30	1011	3.62	42	17	6	34	49	16.7	16	18	62	.48	.085	41	64	.86	172	.08	28	1.73	.05	.14	11	54

Sample type: SDIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	
5+00S 15+00E B	4	22	14	121	<.3	154	19	754	4.73	10	<5	<2	<2	24	.4	<2	<2	66	.27	.066	6	246	1.92	123	.08	8	1.43	<.01	.04	<2	2
5+00S 15+25E B	4	25	19	87	<.3	52	7	415	4.23	16	<5	<2	<2	11	.3	<2	<2	67	.09	.058	7	102	.83	63	.10	4	1.93	<.01	.04	<2	2
5+00S 15+50E B	5	36	17	145	.4	51	10	552	4.41	23	6	<2	<2	13	.4	2	<2	54	.15	.096	8	58	.68	64	.11	5	2.23	<.01	.04	<2	9
5+00S 15+75E B	3	25	14	112	<.3	174	22	681	4.30	16	<5	<2	<2	26	.6	<2	<2	60	.27	.051	8	218	1.89	77	.08	6	1.63	<.01	.05	<2	13
5+00S 16+00E B	3	21	15	89	.3	131	14	663	5.04	11	<5	<2	<2	12	.2	<2	<2	67	.11	.071	6	217	1.68	70	.12	10	1.58	<.01	.05	<2	3
5+00S 16+25E B	2	7	12	31	<.3	36	14	1046	1.65	9	<5	<2	<2	9	<.2	<2	<2	43	.06	.044	7	65	.66	88	.06	4	1.06	<.01	.04	<2	1
5+00S 16+50E B	4	33	16	124	<.3	102	15	682	4.07	21	<5	<2	<2	13	.2	<2	<2	60	.14	.062	8	111	1.21	83	.09	5	2.00	<.01	.05	<2	3
5+00S 16+75E B	3	24	11	94	<.3	132	12	435	3.99	16	<5	<2	<2	13	.4	<2	<2	55	.19	.106	6	183	2.05	55	.08	7	1.86	<.01	.05	<2	4
5+00S 17+00E B	3	16	11	120	.4	102	11	468	2.69	10	<5	<2	<2	27	.5	<2	<2	49	.34	.077	7	121	1.32	102	.04	5	1.69	<.01	.06	<2	2
5+00S 17+25E B	5	33	14	125	<.3	64	9	462	4.09	13	<5	<2	<2	11	.4	<2	<2	60	.09	.080	8	95	.96	60	.06	3	1.95	<.01	.05	<2	1
5+00S 17+50E B	7	30	13	131	<.3	47	8	553	3.55	11	<5	<2	<2	11	.4	<2	<2	57	.08	.079	7	77	.81	83	.03	3	1.84	<.01	.05	<2	2
RE 5+00S 17+50E B	7	30	14	131	.3	48	8	549	3.51	9	10	<2	<2	11	.4	<2	<2	56	.08	.077	7	74	.79	81	.03	6	1.79	<.01	.04	<2	2
5+00S 17+75E B	1	36	13	143	<.3	508	31	649	4.13	10	<5	<2	<2	39	.9	<2	<2	49	.45	.087	12	428	4.09	82	.04	14	1.73	.01	.07	<2	1
5+00S 18+00E B	3	42	13	167	.3	521	44	1333	5.21	15	<5	<2	<2	44	1.7	<2	<2	56	.52	.135	20	435	4.38	117	.03	23	2.01	.01	.08	<2	1
5+00S 18+25E B	4	52	11	105	.7	400	30	638	3.87	16	<5	<2	<2	44	.9	<2	<2	51	.54	.080	37	344	3.43	97	.05	11	1.77	.01	.07	<2	1
5+00S 18+50E B	2	22	14	108	<.3	100	10	412	3.90	10	<5	<2	<2	15	.3	<2	<2	59	.13	.059	9	147	1.26	115	.05	<3	1.71	<.01	.05	<2	1
7+00S 0+25E	12	148	21	408	.4	99	21	1046	6.26	6	<5	<2	2	14	2.0	5	<2	43	.15	.078	13	46	.63	90	.03	3	1.86	.01	.08	<2	17
7+00S 0+50E	12	318	22	759	2.5	235	29	9519	6.58	9	5	<2	<2	81	11.9	5	<2	61	.95	.123	60	100	.95	357	.06	6	2.64	.01	.12	<2	7
7+00S 0+75E	5	57	18	210	.7	46	10	682	5.53	6	<5	<2	<2	10	.6	4	<2	47	.10	.115	8	31	.76	77	.05	<3	1.44	<.01	.15	<2	1
7+00S 1+00E	6	60	16	249	1.1	55	12	924	5.73	5	<5	<2	<2	17	1.1	3	<2	60	.16	.053	9	41	.82	110	.05	<3	2.32	.01	.06	<2	3
7+00S 1+25E	6	36	17	202	.5	27	9	355	5.46	3	<5	<2	<2	13	.9	2	<2	85	.13	.041	12	39	.67	122	.06	<3	2.11	.01	.06	<2	4
7+00S 1+50E	9	38	16	179	<.3	22	7	482	4.60	<2	5	<2	<2	7	1.0	4	<2	43	.11	.044	11	17	.35	53	.04	3	1.18	<.01	.05	<2	3
7+00S 1+75E	9	67	15	74	1.0	11	3	250	2.83	<2	<5	<2	<2	5	<.2	2	<2	24	.05	.071	6	16	.27	57	.03	<3	.55	<.01	.08	<2	3
7+00S 2+00E	63	39	27	42	<.3	5	2	162	3.48	<2	<5	<2	2	21	.3	2	<2	42	.25	.041	26	20	.31	348	.01	<3	1.01	<.01	.13	<2	4
7+00S 2+25E	15	70	23	50	<.3	7	2	207	6.40	<2	<5	<2	4	4	<.2	5	<2	40	.04	.089	13	26	.46	99	.01	<3	1.41	<.01	.09	<2	3
7+00S 2+50E	5	19	5	22	<.3	1	<1	33	.95	2	<5	<2	2	3	<.2	<2	<2	45	.03	.025	27	13	.13	95	.01	4	1.00	<.01	.06	<2	2
7+00S 2+75E	3	24	8	24	<.3	4	1	68	.96	<2	<5	<2	<2	5	<.2	<2	<2	23	.04	.042	15	12	.15	157	<.01	<3	.93	<.01	.05	<2	2
7+00S 3+00E	2	8	9	32	.4	7	2	107	1.26	2	<5	<2	<2	9	<.2	<2	<2	46	.07	.027	30	22	.21	60	.02	<3	1.18	<.01	.06	<2	3
7+00S 3+25E	2	35	12	92	.3	71	15	404	3.18	4	<5	<2	<2	28	.6	<2	<2	61	.50	.083	9	60	.93	126	.08	<3	2.04	.01	.06	<2	2
7+00S 3+50E	1	31	12	88	.9	49	8	274	3.21	3	<5	<2	<2	39	.9	<2	<2	76	.58	.071	10	60	.63	141	.08	<3	1.77	.01	.06	<2	1
7+00S 3+75E	<1	28	12	105	<.3	63	10	440	3.74	6	<5	<2	<2	26	.6	<2	<2	78	.40	.144	8	64	.99	119	.09	<3	2.12	.01	.07	<2	2
7+00S 4+00E	<1	19	8	65	<.3	37	8	752	2.23	2	<5	<2	<2	27	.2	<2	<2	56	.39	.047	8	43	.74	109	.08	<3	1.56	.01	.06	<2	2
7+00S 4+25E	1	33	10	71	<.3	76	13	529	3.12	3	<5	<2	<2	28	<.2	<2	<2	66	.49	.052	10	78	1.15	89	.15	<3	1.73	.01	.06	<2	3
7+00S 4+50E	1	26	10	80	<.3	61	12	476	3.05	2	<5	<2	<2	27	<.2	<2	<2	68	.39	.041	9	67	.95	127	.11	<3	2.06	.01	.05	<2	1
7+00S 4+75E	<1	16	10	62	<.3	32	7	337	2.88	3	<5	<2	<2	16	.2	<2	<2	71	.20	.062	6	50	.59	75	.12	<3	1.64	.01	.04	<2	<1
STANDARD C/AU-S	17	57	37	120	6.9	68	31	1096	3.89	42	17	6	36	51	17.6	18	20	66	.50	.092	43	56	.91	181	.08	27	1.85	.06	.15	10	46

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Be ppm	Tl %	B ppm	Al %	Nb %	K %	W ppm	Au* ppb
7+00S 5+00E	2	30	5	131	<.3	70	17	614	3.74	7	<5	<2	2	16	.5	2	<2	70	.23	.104	8	80	.85	110	.10	4	2.64	.01	.05	2	8
7+00S 5+25E	14	40	21	84	<.3	24	5	422	3.33	<2	<5	<2	2	18	.3	<2	<2	52	.06	.069	10	41	.44	165	.05	<3	1.43	<.01	.15	3	1
7+00S 5+50E	5	29	10	35	.3	16	3	122	.99	<2	<5	<2	<2	6	.7	<2	<2	24	.08	.059	14	28	.23	115	.01	<3	1.38	<.01	.08	2	<1
7+00S 5+75E	3	22	8	50	<.3	12	3	139	3.00	2	<5	<2	5	4	<.2	<2	<2	45	.02	.029	16	29	.61	55	.08	<3	1.44	<.01	.14	2	1
RE 7+00S 5+75E	3	21	10	48	<.3	12	3	133	2.82	<2	<5	<2	5	3	<.2	2	<2	43	.01	.028	15	27	.57	51	.07	<3	1.36	<.01	.13	2	<1
7+00S 6+00E	10	105	24	100	<.3	31	8	492	4.09	<2	<5	<2	6	13	<.2	<2	<2	46	.03	.040	18	38	.80	129	.12	<3	1.86	<.01	.25	2	2
7+00S 6+25E	1	30	7	52	<.3	1675	120	2094	5.62	77	6	<2	21	.6	2	<2	57	.35	.061	3	947	6.82	87	.03	8	.92	.01	.04	<2	3	
7+00S 6+50E	1	16	5	43	<.3	305	23	440	3.13	22	<5	<2	17	<.2	<2	<2	74	.19	.017	6	187	2.63	57	.11	6	1.51	.01	.03	2	<1	
7+00S 6+75E	1	16	6	65	<.3	52	9	254	4.48	13	<5	<2	15	<.2	<2	<2	94	.20	.036	6	95	.70	85	.17	3	2.46	.01	.04	3	<1	
7+00S 7+00E	1	15	7	61	<.3	78	9	273	4.18	8	<5	<2	17	<.2	<2	<2	86	.19	.037	7	82	.88	61	.14	4	2.01	.01	.04	2	1	
7+00S 7+25E	2	12	3	45	<.3	150	11	250	2.14	7	<5	<2	16	<.2	<2	<2	52	.18	.008	7	102	1.24	59	.10	4	1.01	.01	.04	2	5	
7+00S 7+50E	1	50	<3	38	<.3	795	68	765	4.67	21	<5	<2	4	.2	2	2	56	.07	.020	2	817	10.31	43	.02	8	1.58	<.01	.01	<2	<1	
7+00S 7+75E	<1	1045	<3	27	<.3	1063	41	351	3.81	54	<5	<2	14	.3	<2	<2	47	.76	.035	2	1201	8.88	17	.02	5	1.58	<.01	.01	<2	<1	
7+00S 8+00E	<1	615	3	12	.3	2121	43	355	3.39	37	<5	<2	47	.5	<2	<2	21	3.18	.109	10	462	2.17	38	.02	15	1.41	.01	.02	<2	<1	
7+00S 8+25E	<1	254	<3	39	<.3	818	78	740	9.41	3	5	<2	4	<.2	13	2	40	.12	.025	2	800	9.19	18	.02	10	.29	<.01	.01	<2	<1	
7+00S 8+50E	1	38	4	13	.3	2047	18	191	3.86	21	<5	<2	37	.7	<2	<2	14	2.10	.041	2	582	3.81	34	.01	10	.28	.01	.02	<2	<1	
7+00S 8+75E	<1	504	5	27	.6	4115	104	2198	2.53	538	<5	<2	44	1.4	<2	<2	28	2.85	.155	34	445	1.63	100	.02	16	1.47	.01	.03	<2	1	
7+00S 9+00E	1	141	4	35	<.3	2411	103	2042	3.64	132	<5	<2	29	.6	<2	<2	37	1.22	.055	14	449	6.43	98	.03	24	1.43	.01	.05	<2	<1	
7+00S 9+25E	1	36	4	34	<.3	1626	143	1643	5.89	86	5	<2	11	.3	5	<2	49	.37	.021	5	547	9.11	54	.04	32	.96	.01	.03	<2	4	
7+00S 9+50E	<1	91	5	54	<.3	1525	105	1378	4.19	48	<5	<2	34	.8	<2	<2	52	1.13	.047	13	558	4.71	130	.03	12	1.56	.01	.05	<2	1	
7+00S 9+75E	<1	28	7	79	<.3	929	98	1441	6.27	25	<5	<2	11	.3	4	<2	67	.12	.025	5	615	5.51	122	.06	10	1.26	.01	.05	<2	1	
7+00S 10+00E	1	13	7	68	<.3	231	26	420	2.91	7	<5	<2	15	<.2	<2	<2	66	.21	.015	8	171	2.16	98	.13	5	1.69	.01	.04	2	2	
7+00S 10+25E	1	16	6	80	<.3	555	47	548	5.08	8	<5	<2	12	<.2	3	<2	86	.17	.018	5	366	3.50	83	.13	9	1.54	.01	.02	<2	20	
7+00S 10+50E	<1	7	3	26	<.3	1626	159	1106	5.51	6	5	<2	9	.2	3	2	36	.26	.026	1	1086	12.97	49	.02	72	.67	.01	.02	<2	2	
7+00S 10+75E	<1	18	<3	12	<.3	2564	134	878	3.87	7	6	<2	3	.3	<2	<2	21	.07	.036	1	727	16.59	26	.01	59	.34	<.01	.01	<2	2	
7+00S 11+75E	1	9	<3	12	<.3	2038	191	1070	3.49	7	7	<2	3	.2	<2	3	31	.08	.038	1	1146	17.81	21	.01	54	.55	<.01	<.01	<2	47	
7+00S 12+00E	<1	8	3	28	<.3	1893	91	615	3.88	44	9	<2	3	<.2	2	2	30	.08	.015	<1	1166	15.42	28	.01	33	.48	<.01	<.01	<2	<1	
7+00S 12+50E	<1	10	4	18	<.3	1812	100	761	4.23	21	<5	<2	4	.2	2	<2	38	.14	.027	2	875	13.79	25	.04	34	.67	.01	.01	<2	1	
7+00S 12+75E	1	12	<3	21	<.3	1962	123	972	4.75	25	6	<2	3	<.2	2	<2	33	.10	.020	1	949	13.40	32	.02	36	.65	<.01	.01	<2	<1	
7+00S 13+00E	1	19	<3	30	<.3	1149	88	967	3.58	18	<5	<2	11	<.2	<2	<2	42	.41	.054	4	673	7.81	51	.06	11	1.03	.01	.02	<2	1	
7+00S 13+25E	<1	15	3	26	<.3	1108	67	652	3.45	18	<5	<2	9	<.2	<2	<2	46	.43	.048	7	693	8.08	35	.08	12	1.20	.01	.02	<2	2	
7+00S 13+50E	<1	14	4	30	<.3	1189	70	717	4.00	19	<5	<2	12	<.2	2	<2	61	.37	.032	5	766	9.05	39	.14	16	1.25	.02	.02	<2	1	
7+00S 13+75E	<1	14	3	33	<.3	1101	65	712	3.82	15	<5	<2	2	9	<.2	<2	58	.63	.079	16	649	7.93	28	.09	8	1.48	.01	.02	<2	2	
STANDARD C/AU-S	17	55	38	126	6.4	69	30	1073	3.67	40	17	6	35	48	17.2	18	16	62	.48	.087	42	60	.86	174	.08	28	1.78	.06	.14	11	46

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

Hera Resources Inc. PROJECT BORNITE File # 95-3272 Page 1

P.O. Box 11631, 350-650 Vancouver BC V6B 4N9 Submitted by: U. Hovatt



SAMPLE#	No	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
11+00W 15+00W	2	92	13	37	.6	78	6	199	2.44	<2	<5	2	3	24	.5	2	<2	95	.75	.020	5	178	.60	119	.44	<3	1.54	.01	.04	<2	2
11+00W 14+75W	2	21	13	83	<.3	107	15	502	5.51	<2	<5	<2	7	12	<.2	<2	4	96	.21	.060	1	219	1.35	52	.43	<3	1.93	.01	.05	<2	1
11+00W 14+50W	1	25	13	67	<.3	109	14	406	4.64	3	<5	<2	5	13	<.2	<2	2	76	.35	.057	2	213	1.42	49	.30	<3	2.12	.01	.03	<2	2
11+00W 14+25W	2	54	12	90	<.3	216	25	601	5.48	5	<5	<2	5	11	<.2	<2	2	80	.37	.108	2	321	2.02	66	.25	<3	3.06	.01	.04	<2	<1
11+00W 14+00W	2	9	10	31	<.3	46	6	246	2.18	<2	<5	<2	4	13	<.2	2	3	104	.20	.039	3	135	.57	76	.36	3	.97	.01	.03	<2	<1
11+00W 13+75W	7	118	13	109	<.3	417	82	3983	6.77	8	8	<2	11	30	1.1	<2	6	72	.86	.157	11	363	2.09	177	.04	5	1.75	.01	.04	<2	<1
11+00W 13+50W	2	142	10	63	<.3	148	16	551	3.19	2	<5	<2	<2	24	.4	<2	<2	58	.76	.042	8	177	1.27	68	.20	<3	1.78	.01	.03	<2	4
11+00W 13+25W	1	94	7	58	<.3	188	18	644	3.15	2	<5	<2	3	19	<.2	<2	<2	52	.58	.056	5	176	1.67	39	.22	<3	1.59	.01	.03	<2	1
11+00W 13+00W	2	67	10	97	<.3	125	17	466	4.44	2	<5	<2	4	21	<.2	<2	2	77	.72	.037	4	183	1.41	99	.31	<3	2.08	.01	.04	<2	1
11+00W 12+75W	2	70	10	72	<.3	197	25	814	3.61	3	<5	<2	5	18	<.2	<2	<2	57	.60	.038	5	217	1.89	44	.24	3	1.78	.01	.04	<2	4
11+00W 12+50W	1	39	10	64	<.3	145	19	473	4.28	2	<5	<2	4	17	<.2	2	<2	70	.46	.024	3	206	1.49	88	.33	3	1.66	.01	.04	<2	1
11+00W 12+25W	4	360	17	74	<.3	359	49	2204	3.38	13	<5	<2	5	43	1.6	<2	<2	52	1.82	.216	34	276	.94	127	.03	4	2.91	.01	.05	<2	2
11+00W 12+00W	3	233	10	58	.3	285	25	1703	2.52	8	<5	<2	2	58	.6	<2	2	40	2.76	.201	22	186	.72	121	.03	3	2.07	.01	.05	<2	1
RE 11+00W 12+00W	2	240	9	63	<.3	282	25	1724	2.56	9	<5	<2	3	59	.7	2	<2	41	2.83	.205	22	187	.73	126	.03	4	2.11	.01	.05	<2	1
11+00W 11+75W	1	71	12	54	<.3	210	20	667	3.53	3	<5	<2	3	64	<.2	<2	<2	60	.56	.025	5	180	1.67	113	.28	3	2.09	.01	.03	<2	23
11+00W 11+50W	1	41	10	68	<.3	145	20	517	3.83	<2	<5	<2	4	18	<.2	<2	<2	66	.51	.027	4	187	1.80	55	.30	<3	2.10	.01	.03	<2	2
11+00W 11+25W	1	11	11	52	<.3	51	7	249	2.13	<2	<5	<2	4	15	.2	2	<2	71	.36	.018	3	130	.95	75	.45	<3	1.36	.01	.04	<2	<1
11+00W 11+00W	2	18	14	50	<.3	67	9	332	2.52	<2	<5	<2	2	20	<.2	<2	<2	76	.54	.022	3	156	.91	79	.36	<3	1.29	.01	.04	<2	390*
11+00W 10+75W	1	47	9	48	<.3	145	19	613	3.12	<2	<5	<2	3	18	<.2	<2	<2	55	.55	.045	4	155	1.69	36	.26	3	1.49	.01	.02	<2	4
11+00W 10+50W	3	275	16	97	<.3	348	29	2035	4.43	7	<5	<2	4	35	.5	<2	<2	67	.98	.127	18	218	1.09	118	.07	<3	2.84	.01	.03	<2	2
11+00W 10+25W	3	247	13	76	<.3	301	20	1258	3.97	5	<5	<2	2	40	.5	<2	<2	57	1.23	.178	22	215	1.45	115	.05	<3	2.56	.01	.04	<2	1
11+00W 10+00W	1	35	9	73	<.3	240	24	624	5.56	<2	<5	<2	4	19	<.2	<2	<2	89	.50	.053	2	253	2.41	95	.33	3	1.78	.01	.05	<2	<1
11+00W 9+75W	1	59	15	67	<.3	149	17	672	3.38	5	<5	<2	3	25	<.2	<2	<2	59	.48	.045	6	117	1.28	87	.17	3	1.72	.01	.05	<2	<1
11+00W 9+50W	1	35	11	79	<.3	131	15	435	4.72	4	<5	<2	5	16	.2	<2	<2	69	.40	.044	3	183	1.46	69	.25	<3	2.72	.01	.02	<2	1
11+00W 9+25W	1	57	9	68	<.3	124	19	910	3.42	7	<5	<2	4	33	<.2	<2	<2	61	.52	.054	10	110	1.27	95	.17	<3	1.53	.01	.06	<2	1
11+00W 9+00W	1	63	10	63	<.3	181	15	445	3.16	<2	<5	<2	3	22	<.2	2	<2	60	.50	.037	5	155	1.67	79	.22	3	2.03	.01	.04	<2	1
11+00W 8+75W	1	37	11	68	<.3	178	20	518	4.38	<2	<5	<2	3	15	<.2	<2	<2	67	.42	.057	2	184	1.74	63	.25	<3	1.97	.01	.03	<2	1
11+00W 8+50W	5	128	11	128	.6	338	33	2929	5.00	6	<5	<2	9	28	.4	<2	2	74	.51	.055	11	182	1.88	157	.13	3	3.05	.01	.06	<2	<1
11+00W 8+25W	5	27	9	161	.9	89	11	700	2.76	2	<5	<2	4	24	1.6	3	<2	64	.43	.020	11	138	1.00	176	.26	<3	1.90	.01	.04	<2	<1
11+00W 8+00W	3	85	13	232	.7	185	17	442	3.92	7	<5	<2	5	14	.9	<2	<2	53	.24	.050	5	129	1.49	87	.18	<3	2.32	.01	.13	<2	2
11+00W 7+75W	11	132	21	465	.3	129	19	353	4.65	26	<5	<2	5	6	1.4	2	<2	30	.05	.052	15	69	.37	182	.01	<3	1.85	.01	.08	<2	9
11+00W 7+50W	1	9	10	44	<.3	63	6	216	2.47	<2	<5	<2	<2	12	<.2	<2	<2	69	.21	.054	5	140	.70	54	.19	<3	1.18	.01	.04	<2	4
11+00W 7+25W	2	16	8	79	<.3	41	5	152	2.79	<2	<5	<2	2	10	.2	2	<2	53	.14	.058	11	92	.58	70	.12	<3	1.40	.01	.05	<2	1
11+00W 7+00W	2	62	14	110	<.3	197	21	451	4.22	3	<5	<2	3	12	.4	<2	<2	58	.26	.070	6	165	1.49	99	.21	<3	2.45	.01	.04	<2	<1
11+00W 6+75W	1	52	10	61	<.3	148	17	538	2.95	2	<5	<2	2	25	<.2	<2	<2	53	.41	.047	7	116	1.24	74	.18	<3	1.49	.01	.05	<2	1
STANDARD C/AU-S	19	61	44	130	7.8	69	32	1082	3.60	43	22	8	41	54	18.5	18	20	60	.51	.091	39	64	.91	188	.08	29	1.72	.06	.16	11	47

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 - SAMPLE TYPE: SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
 Samples beginning 'RE' are Retuns and 'RRE' are Reject Retuns.

DATE RECEIVED: SEP 1 1995 DATE REPORT MAILED: Sept 13/95 SIGNED BY: [Signature] D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

* Subject to reanalysis check

P.02 SEP 13 '95 14:02 FR ACME LABS 604 253 1716 TO INTL TAURUS



Hera Resources Inc. PROJECT BORNITE FILE # 95-3272



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	U	Au ^o
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	
11+00N 6+50W	2	74	4	55	.3	145	18	779	2.68	2	<5	<2	<2	22	<.2	<2	<2	49	.40	.030	16	117	1.13	79	.15	<3	1.37	.01	.04	2	1
11+00N 6+25W	9	180	4	104	.5	863	70	9991	6.55	5	<5	<2	27	35	1.0	<2	9	78	.80	.148	25	201	1.12	330	.04	<3	4.30	.01	.08	<2	2
11+00N 6+00W	1	64	8	91	<.3	197	24	854	3.61	4	<5	<2	2	17	<.2	3	<2	62	.40	.067	6	188	1.78	81	.18	3	2.01	.01	.11	2	1
11+00N 5+75W	1	36	<3	80	.5	126	14	408	3.48	4	<5	<2	2	13	<.2	<2	<2	67	.31	.056	4	152	1.30	75	.21	3	1.93	.01	.05	2	1
11+00N 5+50W	1	44	6	140	.4	191	20	512	4.24	<2	<5	<2	4	16	<.2	<2	<2	70	.36	.134	5	205	1.71	84	.16	<3	2.89	.01	.06	<2	3
11+00N 5+25W	1	24	4	84	<.3	140	14	361	3.64	<2	<5	<2	2	12	.2	<2	<2	53	.23	.067	3	197	1.29	69	.17	3	3.49	.01	.02	2	1
11+00N 5+00W	1	31	<3	63	<.3	154	17	407	3.18	3	<5	<2	2	17	.5	<2	<2	56	.30	.045	7	142	1.33	77	.18	4	1.98	.01	.04	<2	1
11+00N 4+75W	1	37	3	68	<.3	185	22	611	3.36	4	<5	<2	2	17	<.2	<2	<2	55	.39	.067	4	164	1.57	53	.19	4	1.82	.01	.03	2	1
11+00N 4+50W	1	23	3	60	<.3	387	26	564	5.04	4	<5	<2	2	10	<.2	<2	2	68	.15	.103	2	777	1.71	64	.15	<3	1.73	.01	.01	2	2
11+00N 4+25W	<1	34	4	63	.3	493	46	875	5.03	5	<5	<2	3	19	<.2	<2	<2	63	.36	.059	4	579	1.96	93	.16	3	1.76	.01	.02	<2	1
11+00N 4+00W	<1	43	8	53	.4	701	46	968	4.19	4	<5	<2	2	19	<.2	4	<2	50	.37	.038	6	714	2.23	68	.14	<3	1.44	.01	.04	2	1
11+00N 3+75W	2	33	5	80	.4	265	20	359	4.53	4	<5	<2	4	15	<.2	2	2	60	.22	.042	4	397	1.32	86	.19	<3	3.14	.01	.02	<2	<1
11+00N 3+50W	1	25	<3	63	.4	101	12	351	3.53	<2	<5	<2	4	15	<.2	4	<2	74	.26	.043	5	171	1.12	84	.25	<3	2.31	.01	.03	<2	<1
11+00N 3+25W	2	28	5	93	.4	145	17	446	4.57	4	<5	<2	3	18	<.2	<2	<2	73	.38	.137	5	180	1.41	72	.17	3	2.34	.01	.04	<2	65
11+00N 3+00W	1	48	3	62	<.3	189	17	413	3.05	<2	<5	<2	<2	24	<.2	<2	<2	57	.43	.043	6	147	1.36	96	.19	3	2.08	.01	.03	2	1
11+00N 2+75W	1	47	6	51	<.3	159	15	494	2.76	3	<5	<2	2	22	<.2	2	<2	51	.43	.044	7	128	1.33	68	.19	3	1.50	.01	.03	2	3
11+00N 2+50W	2	48	10	98	.4	217	19	386	3.91	2	<5	<2	5	20	<.2	<2	<2	63	.32	.050	6	206	1.54	126	.17	3	2.60	.01	.04	<2	1
11+00N 2+25W	1	50	5	82	.4	192	17	468	4.40	2	<5	<2	3	18	.4	<2	<2	68	.28	.111	6	198	1.66	120	.16	4	2.24	.01	.05	<2	1
11+00N 2+00W	2	31	3	133	<.3	100	12	338	4.48	2	<5	<2	3	18	.4	<2	<2	61	.26	.059	8	150	1.07	114	.12	3	2.55	.01	.03	2	3
RE 11+00N 2+00W	2	31	10	134	<.3	100	12	340	4.52	4	<5	<2	3	18	.4	<2	<2	61	.26	.059	8	151	1.09	113	.12	<3	2.57	.01	.03	<2	6
11+00N 1+75W	2	39	5	101	<.3	138	15	452	4.30	3	<5	<2	3	20	<.2	<2	<2	69	.36	.065	6	183	1.24	114	.18	3	2.47	.01	.03	2	1
11+00N 1+50W	1	52	8	113	<.3	215	20	629	4.25	2	<5	<2	3	18	<.2	<2	<2	69	.40	.101	7	187	1.71	106	.16	3	2.23	.01	.07	<2	1
11+00N 1+25W	1	36	6	86	.3	131	16	455	4.44	4	<5	<2	5	16	<.2	<2	<2	82	.26	.112	7	185	.94	112	.17	<3	2.09	.01	.05	<2	1
11+00N 1+00W	1	71	6	88	.3	243	33	1029	4.47	7	<5	<2	4	15	.2	<2	<2	78	.37	.103	5	262	2.64	99	.18	7	2.09	.02	.19	<2	1
11+00N 0+75W	2	59	3	85	.5	207	26	849	3.63	5	<5	<2	4	18	<.2	3	<2	60	.41	.089	5	209	2.11	80	.15	6	2.13	.02	.13	<2	1
11+00N 0+50W	2	40	5	96	.6	86	11	383	4.42	5	<5	<2	3	16	.4	3	<2	79	.23	.086	9	136	.95	85	.13	<3	2.11	.01	.04	<2	2
11+00N 0+25W	1	10	5	57	.5	52	6	366	3.10	<2	<5	<2	5	9	<.2	3	<2	89	.15	.074	8	135	.60	75	.27	<3	1.52	.01	.05	<2	1
9+00N 15+00W	1	55	<3	90	.6	315	38	1063	5.48	<2	<5	<2	5	16	<.2	<2	<2	81	.42	.052	3	267	3.04	67	.29	4	2.45	.01	.05	<2	1
9+00N 14+75W	1	20	5	55	.6	94	11	394	3.83	<2	<5	<2	3	13	<.2	3	<2	82	.26	.091	4	184	1.16	58	.27	<3	1.54	.01	.04	2	1
9+00N 14+50W	2	122	6	93	<.3	593	80	1574	5.68	<2	<5	<2	3	22	.3	<2	2	81	.36	.064	9	351	3.62	168	.14	6	2.16	.01	.05	<2	1
9+00N 14+25W	1	92	3	68	<.3	262	31	803	4.21	<2	<5	<2	4	18	<.2	2	<2	68	.48	.047	5	208	2.02	61	.25	4	2.09	.01	.03	<2	1
9+00N 14+00W	1	43	5	69	<.3	245	20	472	4.60	7	<5	<2	4	20	<.2	<2	<2	76	.37	.045	6	231	2.15	67	.21	5	1.82	.01	.03	<2	1
9+00N 13+75W	2	224	14	135	<.3	477	39	1574	5.42	3	<5	<2	3	28	<.2	<2	<2	83	.61	.050	14	203	1.99	141	.13	3	2.79	.01	.08	<2	1
9+00N 13+50W	1	157	8	77	.4	776	65	1778	5.24	5	<5	<2	5	22	.2	<2	<2	60	.72	.062	10	369	5.62	88	.12	5	1.97	.01	.05	<2	2
9+00N 13+25W	1	180	10	97	.3	338	32	1019	4.77	5	<5	<2	3	27	.6	<2	<2	83	.77	.057	13	207	2.12	119	.19	<3	1.91	.01	.05	<2	1
STANDARD C/AU-S	20	64	62	142	7.6	73	34	1168	3.94	44	16	7	42	58	18.7	18	24	64	.52	.094	42	64	.94	182	.09	31	1.91	.07	.18	10	52

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

P.04/13
 604 253 1716 TO INTL TAURUS
 SEP 13'95 14:04 FR ACME LABS



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	Le	Cr	Mg	Ba	Ti	B	Al	Na	K	V	Au [#]
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	
9+00N 13+00W	1	18	<3	49	<.3	134	13	306	3.88	4	<5	<2	2	13	<.2	<2	<2	108	.19	.036	2	246	1.01	53	.32	<3	1.29	.01	.02	<2	2
9+00N 12+75W	1	20	7	48	<.3	129	17	470	2.81	<2	<5	<2	<2	15	.3	<2	<2	78	.29	.036	5	275	1.13	97	.20	<3	.96	.01	.03	<2	<1
9+00N 12+50W	1	62	3	75	<.3	330	38	946	3.62	<2	<5	<2	<2	22	.2	<2	<2	73	.38	.043	7	218	2.70	108	.16	3	1.70	.01	.03	<2	2
9+00N 12+25W	1	23	<3	59	<.3	169	18	422	4.04	4	<5	<2	2	11	<.2	<2	<2	104	.23	.065	3	266	1.63	69	.33	<3	1.45	.01	.02	<2	<1
9+00N 11+50W	1	136	4	101	<.3	339	29	1189	4.12	4	<5	<2	<2	26	<.2	<2	<2	71	.61	.065	8	198	2.05	114	.13	4	2.50	.01	.06	<2	1
9+00N 11+25W	1	39	<3	108	<.3	185	28	516	5.09	4	<5	<2	3	36	.3	<2	<2	97	.52	.064	3	132	2.26	99	.18	<3	1.76	.05	.04	<2	<1
9+00N 11+00W	1	28	<3	66	<.3	159	20	556	3.85	2	<5	<2	2	18	<.2	<2	<2	75	.61	.068	2	205	1.76	94	.24	<3	1.54	.01	.03	<2	1
9+00N 10+75W	1	53	<3	62	<.3	168	16	435	4.19	4	<5	<2	<2	16	.5	<2	<2	68	.34	.043	2	180	1.55	73	.26	3	1.94	.01	.03	<2	1
9+00N 10+50W	1	99	<3	63	<.3	234	26	632	3.35	5	<5	<2	<2	22	<.2	<2	<2	61	.48	.045	5	176	1.76	77	.21	3	1.82	.01	.02	<2	2
9+00N 10+25W	2	117	<3	87	<.3	229	42	1257	3.71	<2	<5	<2	<2	30	.4	<2	<2	68	.65	.076	10	192	1.72	129	.13	<3	2.11	.01	.04	<2	2
9+00N 10+00W	2	328	<3	76	.5	321	41	1254	4.76	6	<5	<2	2	32	1.2	2	<2	83	.76	.053	20	256	1.49	125	.19	<3	1.97	.01	.03	<2	1
9+00N 9+75W	1	40	<3	68	.3	174	20	511	3.96	2	<5	<2	2	24	.4	2	<2	84	.44	.036	6	258	1.57	109	.23	<3	1.52	.01	.04	<2	1
9+00N 9+50W	1	55	4	60	<.3	249	23	509	3.83	6	<5	<2	<2	23	<.2	<2	<2	70	.46	.040	6	217	2.01	67	.21	3	2.00	.01	.02	<2	1
RE 9+00N 9+50W	1	57	<3	63	<.3	264	24	535	4.04	2	<5	<2	3	24	<.2	<2	<2	73	.48	.040	6	228	2.13	69	.22	3	2.09	.01	.03	<2	1
9+00W 9+25W	1	175	<3	98	.3	395	34	1913	3.97	6	<5	<2	<2	34	.6	<2	<2	64	.62	.069	11	193	1.85	119	.12	3	2.02	.01	.04	<2	1
9+00W 9+00W	1	82	<3	71	<.3	300	28	800	3.81	6	<5	<2	<2	25	.2	<2	<2	65	.52	.042	6	205	2.36	64	.21	3	1.80	.01	.04	<2	1
9+00W 8+75W	1	217	<3	101	.4	496	34	782	4.62	7	<5	<2	2	36	.6	<2	<2	77	.38	.038	13	323	3.01	112	.15	<3	2.15	.01	.04	<2	1
9+00W 8+50W	3	346	6	67	.5	446	18	396	1.80	7	<5	<2	<2	44	.9	<2	<2	50	1.83	.089	17	172	1.23	169	.05	3	1.90	.01	.04	<2	6
9+00W 8+25W	<1	51	5	74	<.3	177	18	392	2.50	2	<5	<2	2	30	<.2	<2	<2	57	.54	.046	6	157	1.54	99	.19	3	1.85	.01	.03	<2	<1
9+00W 8+00W	6	75	6	362	<.3	139	18	703	3.57	10	<5	<2	2	15	.9	2	<2	60	.22	.045	8	110	1.05	101	.14	<3	1.72	.01	.10	<2	3
9+00W 7+75W	3	53	<3	68	<.3	197	23	534	2.75	2	<5	<2	2	27	<.2	<2	<2	67	.51	.019	7	185	1.49	115	.24	3	1.79	.01	.03	<2	2
9+00W 7+50W	1	341	<3	38	.6	408	11	390	1.16	4	<5	<2	<2	46	.9	<2	<2	31	2.08	.120	20	174	.70	197	.02	3	1.82	.01	.04	<2	4
9+00W 7+25W	<1	64	<3	66	.3	304	22	432	3.30	4	<5	<2	3	26	<.2	<2	<2	94	.66	.030	11	216	2.15	191	.22	<3	2.81	.01	.03	<2	1
9+00W 7+00W	1	69	5	81	<.3	243	22	532	3.76	7	<5	<2	2	37	<.2	<2	<2	70	.63	.058	10	163	1.59	138	.17	3	2.00	.02	.07	<2	2
9+00W 6+75W	1	28	<3	73	<.3	142	15	376	5.27	4	<5	<2	4	15	.2	<2	<2	85	.31	.148	4	214	1.51	70	.20	<3	2.68	.01	.03	<2	<1
9+00W 6+50W	1	72	3	76	<.3	309	36	943	4.23	6	<5	<2	3	26	.2	<2	<2	72	.50	.050	7	217	2.53	84	.25	3	1.95	.01	.08	<2	2
9+00W 6+25W	1	41	5	65	<.3	172	24	748	2.71	2	5	<2	3	23	<.2	<2	<2	61	.42	.027	7	148	1.30	127	.16	<3	1.84	.01	.04	<2	2
9+00W 6+00W	1	228	5	15	.7	294	7	274	.66	<2	<5	<2	<2	46	.7	<2	<2	16	1.74	.163	12	145	.54	120	.01	3	.91	.01	.01	<2	3
9+00W 5+75W	1	41	<3	80	<.3	127	14	375	3.79	6	<5	<2	4	16	<.2	<2	<2	73	.32	.103	4	155	1.41	69	.19	3	2.26	.01	.03	<2	2
9+00W 5+50W	1	34	<3	71	<.3	138	16	487	4.20	5	<5	<2	2	17	.2	<2	<2	72	.36	.144	3	170	1.52	74	.17	4	1.98	.01	.03	<2	1
9+00W 5+25W	1	29	3	82	<.3	119	16	486	4.13	6	<5	<2	3	18	.5	<2	<2	76	.34	.145	3	168	1.30	69	.18	10	2.21	.01	.03	<2	1
9+00W 5+00W	1	24	3	83	.4	91	12	457	4.06	3	<5	<2	3	17	.6	<2	<2	75	.28	.068	5	176	.90	95	.23	3	2.34	.01	.04	<2	1
9+00W 4+75W	2	48	3	72	.3	236	34	967	4.78	9	<5	<2	3	27	.2	<2	<2	116	.38	.036	4	231	2.91	116	.26	6	2.01	.01	.04	<2	4
9+00W 4+50W	1	77	<3	64	.3	256	17	426	3.25	<2	<5	<2	<2	28	<.2	<2	<2	67	.54	.037	8	168	1.55	105	.22	4	2.19	.01	.03	<2	3
9+00W 4+25W	<1	52	<3	50	<.3	135	12	400	2.50	3	<5	<2	<2	26	.2	<2	<2	63	.47	.025	7	141	1.28	93	.23	3	1.66	.01	.02	<2	2
STANDARD C/AU-S	20	62	35	127	7.2	72	33	1115	3.61	43	18	6	39	56	18.6	18	23	62	.50	.092	40	63	.90	184	.09	30	1.74	.07	.16	11	50

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

P.05/13

604 253 1716 TO INTL TAURUS

SEP 13'95 14:04 FR ACME LABS



Hera Resources Inc. PROJECT BORNITE FILE # 95-3272



SAMPLE#	No ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au ^a ppb
9+00N 4+00W	2	40	<3	77	<.3	163	16	405	3.40	9	<5	<2	4	20	.6	<2	<2	63	.35	.052	6	170	1.46	82	.23	4	2.52	.01	.03	<2	2
9+00N 3+75W	1	47	<3	86	<.3	173	19	462	4.22	12	<5	<2	4	18	.6	<2	<2	76	.34	.086	4	166	1.46	81	.22	4	2.47	.01	.04	<2	2
9+00N 3+50W	<1	45	<3	45	.3	135	13	407	2.32	7	<5	<2	4	24	<.2	<2	<2	50	.50	.035	7	124	1.36	52	.23	4	1.19	.01	.02	<2	2
9+00N 3+25W	1	51	<3	57	<.3	167	19	675	3.09	5	<5	<2	4	25	<.2	<2	<2	61	.50	.050	4	147	1.67	64	.22	4	1.65	.01	.04	<2	1
9+00N 3+00W	1	33	<3	61	<.3	136	17	570	3.17	6	<5	<2	4	23	.2	<2	<2	67	.50	.037	4	153	1.72	60	.27	4	1.73	.01	.04	<2	1
9+00N 2+75W	1	36	<3	48	<.3	126	15	497	2.58	7	<5	<2	4	26	.2	<2	<2	51	.49	.051	6	135	1.35	53	.20	4	1.24	.01	.03	<2	1
9+00N 2+50W	1	24	<3	68	.3	77	9	307	2.17	9	<5	<2	3	28	.2	2	<2	55	.36	.028	6	89	1.10	106	.14	4	1.57	.01	.05	<2	1
9+00N 2+25W	1	41	<3	55	<.3	119	18	677	3.05	9	<5	<2	4	26	.5	<2	<2	68	.46	.052	5	120	1.33	66	.19	5	1.52	.01	.04	<2	1
9+00N 2+00W	1	33	3	58	<.3	72	12	438	2.28	5	<5	<2	3	28	.2	2	<2	53	.39	.040	8	81	.94	74	.14	4	1.31	.01	.04	<2	1
9+00N 1+75W	2	43	4	92	<.3	82	14	626	3.18	12	<5	<2	3	27	.3	<2	<2	61	.37	.045	11	86	1.04	82	.11	3	1.66	.01	.06	<2	3
9+00N 1+50W	1	39	<3	45	<.3	106	14	568	2.45	5	<5	<2	4	28	.2	<2	<2	52	.54	.056	7	98	1.16	52	.18	4	1.00	.01	.03	<2	3
5+00N 21+00W	1	32	<3	64	<.3	143	16	423	3.80	6	<5	<2	5	16	<.2	<2	<2	78	.36	.130	4	210	1.88	69	.26	3	2.04	.01	.05	<2	1
5+00N 20+75W	1	24	<3	65	<.3	175	18	423	5.02	5	<5	<2	6	15	.3	<2	<2	104	.24	.089	4	245	1.93	42	.39	3	1.94	.01	.05	<2	1
5+00N 20+50W	1	60	4	55	<.3	109	12	389	3.46	7	<5	<2	2	13	.3	<2	<2	73	.25	.090	4	187	1.29	47	.24	3	2.38	.01	.04	<2	1
5+00N 20+25W	1	11	4	32	<.3	64	6	231	2.12	3	<5	<2	2	16	.4	<2	<2	82	.21	.034	4	160	.80	37	.40	3	1.16	.01	.02	<2	7
5+00N 19+50W	1	152	<3	63	.4	328	57	5920	2.58	6	<5	<2	13	35	1.2	<2	5	37	1.76	.205	8	174	1.06	172	.02	5	2.28	.02	.07	<2	2
5+00N 19+25W	1	37	4	60	<.3	140	14	369	3.20	4	<5	<2	3	20	.3	<2	<2	74	.31	.028	6	183	1.37	133	.22	<3	1.71	.01	.03	<2	5
5+00N 19+00W	1	34	<3	71	<.3	119	14	383	5.14	7	<5	<2	5	13	.6	<2	<2	95	.20	.065	3	198	1.37	69	.35	<3	1.91	.01	.04	<2	2
5+00N 18+75W	1	32	8	53	<.3	97	14	366	2.77	3	<5	<2	3	18	.5	<2	<2	75	.25	.038	7	162	1.16	82	.22	3	1.78	.01	.04	<2	1
5+00N 18+50W	1	11	<3	48	<.3	89	9	257	3.28	3	<5	<2	4	17	<.2	<2	<2	97	.30	.058	5	187	1.05	46	.35	<3	1.50	.01	.03	<2	<1
5+00N 18+25W	<1	8	3	32	<.3	87	10	297	1.82	6	<5	<2	3	14	.2	<2	<2	52	.32	.021	3	170	1.33	25	.29	<3	1.31	.01	.01	<2	1
5+00N 18+00W	1	39	<3	63	<.3	130	15	457	3.49	3	<5	<2	4	17	.4	<2	<2	94	.37	.044	3	262	1.94	37	.38	<3	2.67	.01	.03	<2	1
5+00N 17+75W	<1	74	5	63	.3	52	17	593	5.17	<2	<5	<2	5	8	.3	<2	<2	181	.43	.048	<1	148	1.52	30	.58	<3	2.28	<.01	.02	<2	3
5+00N 17+50W	1	29	5	73	.3	227	20	444	4.24	<2	<5	<2	5	16	.2	<2	<2	85	.31	.067	5	251	1.94	59	.22	3	1.79	.01	.04	<2	1
RE 9+00N 2+00W	1	34	4	60	<.3	75	12	454	2.36	4	<5	<2	2	28	.3	<2	<2	54	.40	.042	8	84	.98	77	.14	4	1.36	.01	.04	<2	1
5+00N 17+25W	1	105	5	83	<.3	86	27	756	8.72	2	<5	<2	6	7	<.2	<2	<2	161	.13	.069	4	118	1.20	38	.05	<3	2.45	.01	.04	<2	2
5+00N 17+00W	1	430	3	85	.3	257	34	698	5.46	4	<5	<2	5	15	<.2	<2	<2	126	.55	.031	4	191	2.12	72	.36	3	2.82	.01	.05	<2	2
5+00N 16+75W	1	56	<3	65	<.3	171	22	572	4.86	5	<5	<2	4	11	.3	<2	3	115	.29	.047	2	247	2.80	56	.30	4	1.85	.01	.03	<2	<1
5+00N 16+50W	1	36	7	42	<.3	33	9	281	2.55	2	<5	<2	2	9	.2	<2	<2	112	.18	.016	5	85	.59	55	.13	<3	1.35	.01	.02	<2	1
5+00N 16+25W	1	45	<3	74	<.3	98	26	924	6.06	<2	<5	<2	5	28	.6	<2	<2	133	.52	.017	<1	132	1.72	89	.58	<3	2.98	.01	.03	<2	3
5+00N 16+00W	1	728	<3	84	.3	303	39	787	4.74	<2	<5	<2	3	18	.5	<2	<2	94	.53	.037	9	215	1.96	87	.18	4	4.23	.01	.06	<2	2
5+00N 15+75W	<1	24	3	40	<.3	78	8	258	2.62	3	<5	<2	2	12	<.2	<2	<2	104	.23	.036	6	185	.68	54	.34	<3	1.30	.01	.01	<2	1
5+00N 15+50W	<1	7	5	17	<.3	71	6	184	1.59	<2	<5	<2	2	14	.3	<2	<2	58	.21	.024	5	178	.53	22	.24	3	.62	.01	.02	<2	2
5+00N 15+25W	1	20	3	64	<.3	126	15	398	4.17	<2	<5	<2	3	14	<.2	<2	<2	88	.32	.095	4	199	1.63	40	.25	3	1.62	.01	.04	<2	1
3+00N 20+00W	<1	26	3	65	<.3	170	16	412	4.29	6	<5	<2	4	17	.2	<2	<2	86	.32	.081	5	214	1.93	43	.27	3	1.97	.01	.05	<2	2
STANDARD C/AU-S	19	64	36	128	7.3	70	33	1057	3.57	44	17	7	42	57	18.5	17	20	63	.51	.091	41	62	.89	186	.09	31	1.74	.07	.16	10	47

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



Hera Resources Inc. PROJECT BORNITE FILE # 95-3272



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	Le	Cr	Mg	Be	Yt	B	Al	Na	K	M	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
3+00N 19+75W	<1	6	7	14	<.3	22	1	73	.81	2	<5	<2	<2	11	.2	2	<2	42	.17	.020	5	102	.17	51	.15	<3	.56	.01	.02	<2	2
3+00N 19+50W	1	23	5	65	<.3	177	16	372	3.57	8	<5	<2	3	16	.2	2	<2	72	.27	.043	6	191	2.01	85	.19	<3	1.88	.01	.03	<2	2
3+00N 19+25W	<1	46	3	42	<.3	71	8	214	2.00	3	<5	<2	2	14	.2	<2	<2	58	.29	.027	5	110	1.10	50	.21	<3	1.47	.01	.03	<2	2
3+00N 19+00W	<1	39	9	23	<.3	13	2	90	.81	3	<5	<2	<2	14	<.2	<2	<2	37	.22	.036	8	56	.25	68	.09	<3	1.04	.01	.03	<2	9
3+00N 18+75W	1	26	9	75	<.3	132	18	453	6.17	12	<5	<2	3	11	<.2	2	<2	142	.19	.075	4	220	1.44	80	.27	<3	2.11	.01	.03	<2	<1
3+00N 18+50W	<1	28	6	42	<.3	213	24	771	2.59	5	<5	<2	<2	12	.3	<2	<2	66	.20	.030	7	275	2.39	106	.13	3	1.51	.01	.01	<2	1
3+00N 18+25W	1	24	6	59	<.3	101	14	426	4.66	10	<5	<2	2	11	<.2	2	2	92	.16	.079	4	180	1.32	59	.21	<3	2.08	.01	.02	<2	<1
3+00N 18+00W	<1	10	7	13	<.3	13	<1	65	.76	<2	<5	<2	<2	10	<.2	<2	<2	71	.12	.022	4	70	.17	22	.24	<3	.69	<.01	.01	<2	1
3+00N 17+75W	1	408	10	89	<.3	333	27	888	5.15	14	<5	<2	<2	19	.3	4	<2	87	.50	.046	7	220	2.15	75	.12	<3	2.41	.01	.06	<2	1
3+00N 17+50W	1	166	9	97	<.3	271	22	551	4.92	8	8	<2	2	15	<.2	4	2	94	.19	.049	7	174	1.53	150	.11	<3	2.76	.01	.08	<2	<1
3+00N 17+25W	1	33	10	51	<.3	74	12	556	2.51	7	<5	<2	2	15	<.2	<2	<2	61	.41	.021	6	135	1.10	84	.19	<3	1.71	.01	.02	<2	1
3+00N 17+00W	1	13	6	38	<.3	29	8	447	3.01	4	<5	<2	2	8	<.2	2	2	82	.27	.056	<1	57	.78	42	.49	<3	1.15	.01	.03	<2	1
3+00N 16+75W	2	28	8	98	<.3	139	19	449	7.82	13	<5	<2	3	10	<.2	5	<2	134	.16	.147	8	224	1.47	109	.16	<3	2.24	.01	.04	<2	1
3+00N 16+50W	1	34	9	86	<.3	391	42	892	7.34	12	<5	<2	5	10	.2	4	<2	107	.14	.176	4	209	3.12	68	.16	<3	1.79	.01	.03	<2	1
3+00N 16+25W	1	23	55	28	<.3	34	5	283	2.08	3	<5	<2	3	13	<.2	2	<2	89	.26	.036	6	75	.51	40	.36	<3	.96	.01	.01	<2	1
3+00N 16+00W	2	482	3	107	<.3	187	19	465	6.51	17	<5	<2	2	21	<.2	<2	<2	89	1.02	.097	24	137	1.32	105	.09	<3	3.45	.01	.06	<2	4
3+00N 15+75W	1	27	10	28	<.3	33	4	100	1.30	5	<5	<2	<2	11	.2	<2	<2	44	.18	.055	5	109	.36	78	.08	<3	1.26	.01	.03	<2	<1
3+00N 15+50W	1	7	15	37	<.3	53	6	167	2.24	6	<5	<2	2	10	<.2	<2	<2	106	.15	.029	4	224	.59	53	.35	<3	1.76	.01	.02	<2	1
3+00N 15+25W	1	33	3	74	<.3	187	35	792	5.38	13	<5	<2	3	8	.2	<2	<2	73	.35	.054	<1	551	2.08	28	.34	<3	2.47	.01	.06	<2	1
3+00N 15+00W	1	16	6	41	.3	55	8	220	3.89	7	<5	<2	4	11	<.2	5	2	145	.14	.026	3	145	.67	41	.47	<3	1.62	.01	.02	<2	<1
3+00N 14+75W	1	49	11	56	<.3	40	16	775	5.47	8	<5	<2	4	5	<.2	<2	<2	109	.29	.079	<1	50	1.39	25	.64	<3	2.06	.01	.02	<2	1
3+00N 14+50W	1	90	6	41	<.3	17	8	544	6.94	6	<5	<2	4	13	<.2	2	<2	99	.19	.053	<1	64	.45	30	.35	<3	1.20	<.01	.02	<2	1
3+00N 14+25W	3	547	<3	187	.4	104	76	724	9.95	10	<5	<2	5	11	1.0	<2	<2	137	.59	.063	1	90	.61	191	.26	<3	5.17	<.01	.08	<2	<1
RE 3+00N 15+25W	<1	30	<3	69	<.3	174	33	739	5.03	10	7	<2	3	7	<.2	2	<2	66	.34	.048	<1	515	1.98	26	.31	<3	2.26	.01	.05	<2	1
3+00N 14+00W	1	59	6	25	<.3	10	2	115	2.94	3	<5	<2	2	6	<.2	<2	2	86	.22	.038	<1	30	.28	22	.45	<3	.76	<.01	.01	<2	1
3+00N 13+75W	2	1220	<3	99	.7	253	39	254	6.18	6	<5	<2	2	32	1.5	<2	<2	45	2.27	.143	12	71	.33	72	.10	<3	7.71	.01	.02	<2	1
3+00N 13+50W	2	213	<3	133	<.3	80	32	1059	9.34	17	<5	<2	5	15	.5	<2	<2	154	.60	.090	1	109	1.88	51	.30	<3	3.80	.01	.03	<2	1
3+00N 13+25W	1	234	<3	121	.3	552	34	612	4.96	7	<5	<2	2	18	1.0	<2	<2	62	.79	.050	6	143	4.76	62	.13	<3	2.28	.01	.04	<2	1
3+00N 13+00W	<1	143	<3	56	<.3	113	11	433	2.45	2	5	<2	2	10	.9	4	<2	36	.46	.028	4	76	.78	43	.07	<3	1.36	<.01	.03	<2	1
3+00N 12+75W	1	38	6	48	.3	38	7	234	2.70	6	7	<2	2	6	<.2	<2	<2	54	.16	.041	2	56	.46	39	.09	<3	.88	<.01	.02	<2	1
3+00N 12+50W	1	167	5	76	<.3	219	29	612	4.65	8	<5	<2	2	17	.3	<2	<2	75	.57	.053	5	168	1.83	98	.16	<3	2.69	.01	.04	<2	1
3+00N 12+25W	2	26	8	50	<.3	77	8	219	3.18	6	<5	<2	<2	12	<.2	3	<2	99	.21	.026	3	177	.58	104	.23	3	1.28	.01	.02	<2	1
3+00N 12+00W	2	70	22	59	<.3	118	12	374	4.09	8	<5	<2	2	18	.2	2	<2	83	.57	.047	6	153	1.03	94	.22	<3	1.63	.01	.05	<2	1
14+25S 25+00E	5	36	12	189	<.3	92	12	480	5.84	10	5	<2	2	9	.2	6	<2	60	.07	.115	7	104	.95	83	.04	<3	1.98	.01	.04	<2	<1
14+50S 25+00E	4	18	9	58	<.3	81	7	263	3.24	8	<5	<2	<2	6	<.2	3	<2	61	.06	.056	7	128	.51	52	.02	<3	1.40	<.01	.03	<2	1
14+75S 25+00E	7	23	17	137	<.3	24	5	433	6.38	6	<5	<2	3	11	.2	5	<2	52	.03	.103	7	41	.57	111	.03	<3	1.93	.01	.03	<2	<1
STANDARD C/AU-S	20	60	42	127	6.9	71	32	1074	3.91	52	17	6	40	54	18.2	18	22	62	.47	.088	40	56	.88	181	.08	26	1.68	.07	.14	9	52

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

P.07/13

604 253 1716 TO INTL TAURUS

SEP 13 '95 14:06 FR ACME LABS



Hera Resources Inc. PROJECT BORNITE FILE # 95-3272



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	M ppm	AU* ppb
15+00S 9+00E	2	22	5	135	.3	57	13	566	3.62	10	<5	<2	<2	37	.3	<2	<2	71	.57	.069	5	62	.87	103	.08	<3	1.73	.01	.06	<2	4
15+00S 9+25E	2	23	7	99	<.3	36	7	349	3.33	12	<5	<2	<2	25	.5	<2	<2	75	.26	.055	7	58	.73	114	.09	<3	1.70	.01	.07	<2	2
15+00S 9+50E	3	44	13	132	.5	65	17	623	3.87	11	<5	<2	<2	41	.7	<2	<2	79	.45	.062	11	72	.82	173	.04	<3	2.56	.01	.10	<2	1
15+00S 9+75E	1	9	6	34	<.3	13	2	93	1.65	5	<5	<2	<2	14	<.2	<2	<2	70	.10	.025	8	39	.15	60	.08	<3	1.13	.01	.02	<2	2
15+00S 10+00E	3	18	5	92	<.3	64	9	279	4.64	19	<5	<2	3	21	.4	<2	<2	81	.21	.049	5	80	.75	111	.09	<3	2.58	.01	.03	<2	1
15+00S 10+25E	2	27	6	88	<.3	300	20	407	4.05	12	<5	<2	<2	20	.2	<2	<2	85	.24	.036	6	161	2.30	133	.08	3	2.13	.01	.04	<2	2
RE 15+00S 11+25E	1	13	3	52	.4	2249	160	1630	5.53	<2	<5	<2	5	7	.3	<2	4	35	.21	.038	1	1227	17.18	52	.01	106	.61	<.01	.01	<2	2
15+00S 10+50E	1	19	3	27	<.3	3184	239	1320	3.74	40	<5	<2	6	6	<.2	<2	<2	28	.07	.034	3	798	21.04	54	.01	94	.69	<.01	.02	<2	2
15+00S 10+75E	<1	20	4	55	.4	2594	238	2059	6.52	20	<5	<2	8	9	.3	<2	3	62	.12	.103	1	1062	16.52	98	.01	82	.62	<.01	.01	2	3
15+00S 11+00E	1	13	4	56	.3	2267	163	1092	5.36	<2	<5	<2	4	6	<.2	<2	2	35	.21	.073	<1	1512	18.88	40	.01	97	.58	<.01	<.01	<2	2
15+00S 11+25E	<1	13	<3	54	.3	2327	167	1705	5.74	<2	<5	<2	6	8	<.2	<2	2	37	.22	.041	1	1273	17.54	55	.01	109	.65	<.01	<.01	<2	1
15+00S 11+50E	1	13	3	46	<.3	2482	133	1576	4.40	4	<5	<2	6	8	<.2	<2	<2	40	.22	.057	1	859	16.77	87	.02	52	.91	<.01	.01	<2	1
15+00S 12+50E	1	12	<3	61	<.3	481	28	318	3.26	3	<5	<2	2	15	<.2	<2	<2	68	.19	.022	9	292	2.00	109	.11	5	1.48	.01	.03	<2	3
15+00S 12+75E	1	10	6	48	<.3	660	40	385	6.15	<2	<5	<2	3	12	.2	<2	3	65	.23	.020	5	644	4.20	46	.08	9	1.08	.01	.02	<2	5
15+00S 13+00E	1	14	7	60	<.3	1020	114	1312	6.11	3	<5	<2	4	12	<.2	<2	2	68	.16	.031	4	727	6.49	84	.10	21	1.52	.01	.03	<2	2
15+00S 13+25E	<1	7	4	12	<.3	2976	149	739	4.17	<2	<5	<2	3	1	<.2	<2	3	33	.02	.016	<1	1034	21.10	15	.01	74	.46	<.01	<.01	<2	1
15+00S 13+50E	1	12	5	53	.3	1732	174	1412	5.19	12	<5	<2	4	16	<.2	<2	3	60	.13	.065	1	1346	14.62	74	.02	27	1.05	<.01	.02	<2	6
15+00S 13+75E	1	4	4	45	<.3	427	39	481	4.59	10	<5	<2	3	8	<.2	<2	2	61	.08	.024	3	595	4.11	88	.05	7	.61	<.01	.01	<2	3
15+00S 14+00E	1	36	3	28	.3	1387	66	570	3.85	115	<5	<2	3	103	<.2	<2	2	49	1.20	.048	5	657	6.67	81	.05	9	2.11	.01	.02	<2	2
15+00S 14+25E	1	54	4	13	.7	1346	27	221	1.76	64	<5	<2	<2	148	<.2	<2	<2	28	1.74	.083	6	734	7.24	83	.02	22	1.13	.01	.03	<2	2
15+00S 14+50E	1	10	5	29	.3	2122	116	807	4.29	25	<5	<2	4	33	<.2	<2	<2	34	.34	.015	3	504	14.83	38	.04	56	.95	.01	.01	<2	2
15+00S 14+75E	<1	8	4	75	.3	735	36	407	3.91	12	<5	<2	3	17	<.2	<2	<2	78	.15	.017	5	235	3.17	62	.17	11	1.29	.03	.03	<2	1
15+00S 15+00E	2	25	5	78	<.3	330	25	346	3.77	8	<5	<2	2	14	.3	<2	<2	57	.20	.026	8	243	2.71	114	.09	7	1.62	.01	.04	<2	13
15+00S 15+25E	2	15	6	71	<.3	137	12	242	3.63	5	<5	<2	2	15	.3	<2	<2	67	.18	.033	11	209	1.07	103	.11	3	1.12	.01	.04	<2	27
15+00S 15+50E	3	26	8	95	<.3	377	26	424	4.42	58	<5	<2	2	21	.2	<2	<2	60	.21	.037	11	266	1.64	113	.05	3	2.05	.01	.04	<2	6
15+00S 15+75E	6	42	8	112	<.3	93	12	305	5.30	43	<5	<2	2	13	.3	<2	<2	55	.12	.102	12	108	.68	134	.03	<3	1.50	.01	.05	<2	4
15+00S 16+00E	2	21	4	97	<.3	160	15	305	4.19	11	<5	<2	2	15	.3	<2	<2	69	.17	.060	11	196	1.55	114	.09	3	1.72	.01	.05	<2	2
15+00S 16+25E	2	22	6	92	<.3	156	14	309	3.96	8	<5	<2	<2	13	.3	<2	2	59	.17	.061	10	196	1.42	97	.08	4	1.37	.01	.05	<2	2
15+00S 16+50E	2	15	7	74	<.3	89	9	235	3.06	4	<5	<2	<2	14	.3	<2	<2	52	.19	.045	11	135	.90	136	.09	<3	1.17	.01	.06	<2	2
15+00S 16+75E	3	23	8	104	<.3	132	13	309	4.10	9	<5	<2	3	13	.2	<2	<2	61	.18	.065	10	177	1.34	112	.09	<3	1.71	.01	.04	<2	2
15+00S 17+00E	7	42	5	119	<.3	130	11	296	4.56	21	<5	<2	4	14	<.2	2	<2	53	.15	.096	13	118	.95	92	.05	<3	1.42	.01	.05	<2	2
15+00S 17+25E	3	28	3	101	<.3	141	12	305	4.16	6	<5	<2	2	13	.4	<2	<2	65	.18	.093	10	161	1.39	104	.09	3	1.56	.01	.05	<2	6
15+00S 17+50E	2	19	5	109	<.3	132	13	267	3.87	5	<5	<2	2	13	.4	<2	2	63	.18	.068	10	183	1.36	131	.09	3	1.48	.01	.05	<2	1
15+00S 17+75E	9	40	9	147	<.3	87	11	273	5.17	22	<5	<2	2	11	.4	<2	<2	57	.12	.104	11	116	.69	108	.04	3	1.43	.01	.05	<2	1
STANDARD C/AU-S	19	61	41	135	7.5	72	33	1118	3.90	41	16	7	40	55	18.4	16	22	64	.51	.095	41	60	.94	195	.09	30	1.88	.07	.16	9	50

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



Hera Resources Inc. PROJECT BORNITE FILE # 95-3272



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	U ppm	Au ^u ppb
15+00S 18+00E	2	17	7	106	<.3	216	16	280	3.75	8	<5	<2	<2	16	.5	<2	<2	58	.24	.096	9	257	2.23	114	.09	4	1.41	.01	.05	<2	2
15+00S 18+50E	7	30	9	124	<.3	88	10	261	4.24	16	<5	<2	<2	11	.3	<2	<2	55	.12	.082	11	122	.82	79	.06	<3	1.40	.01	.04	<2	2
15+00S 18+75E	3	16	8	103	<.3	115	11	314	3.99	9	<5	<2	<2	13	.5	<2	<2	72	.16	.059	10	187	1.20	136	.12	3	1.62	.01	.03	<2	2
15+00S 19+00E	2	10	6	73	<.3	82	8	219	2.62	4	<5	<2	2	13	.4	<2	<2	46	.17	.051	11	146	.89	88	.10	<3	1.18	.01	.04	<2	2
15+00S 19+25E	6	25	7	145	.4	76	9	215	4.19	12	<5	<2	<2	26	.7	<2	<2	57	.33	.064	10	102	.69	114	.04	<3	1.91	.01	.04	<2	7
15+00S 19+50E	7	30	9	167	<.3	83	10	275	4.76	16	<5	<2	4	11	.7	<2	<2	56	.10	.103	11	107	.84	111	.06	<3	1.83	.01	.05	<2	1
15+00S 19+75E	9	22	11	147	<.3	55	8	236	4.36	13	<5	<2	3	11	.5	<2	<2	68	.08	.044	11	79	.58	172	.05	<3	1.76	.01	.04	<2	2
15+00S 20+00E	9	37	11	193	<.3	67	10	290	4.90	28	<5	<2	3	11	.6	<2	<2	57	.11	.101	10	74	.80	105	.05	<3	1.88	.01	.04	<2	6
15+00S 20+25E	4	28	7	198	.4	91	13	334	4.58	16	<5	<2	2	14	.7	<2	<2	59	.18	.083	9	118	1.06	144	.07	<3	2.01	.01	.06	<2	1
15+00S 20+50E	13	64	9	257	.5	161	14	422	5.23	35	<5	<2	<2	15	1.1	<2	<2	44	.13	.096	9	112	1.25	99	.03	3	2.10	.01	.03	2	2
15+00S 20+75E	3	27	6	122	<.3	171	15	397	4.24	10	<5	<2	<2	16	.7	<2	<2	60	.18	.070	10	216	1.84	119	.06	4	1.76	.01	.06	<2	11
15+00S 21+00E	3	18	6	100	<.3	170	14	379	4.58	14	<5	<2	<2	20	.2	<2	<2	61	.19	.047	8	228	1.28	196	.11	3	1.47	.01	.07	<2	3
15+00S 21+25E	5	21	8	166	<.3	48	7	411	5.27	18	<5	<2	5	20	.8	<2	<2	66	.10	.046	6	67	.74	110	.23	<3	1.98	.01	.06	<2	3
15+00S 21+50E	9	18	10	97	<.3	39	4	257	4.08	24	<5	<2	4	18	.3	<2	<2	87	.14	.053	4	68	.50	111	.22	<3	1.82	.01	.03	<2	1
15+00S 21+75E	5	33	8	147	<.3	104	10	420	6.98	13	<5	<2	4	13	1.0	<2	<2	81	.11	.176	6	134	1.06	130	.18	3	2.41	.01	.04	<2	1
15+00S 22+00E	5	32	9	133	<.3	193	16	455	4.80	16	<5	<2	2	13	.6	<2	<2	58	.13	.080	10	203	1.66	82	.05	5	1.69	.01	.03	<2	6
15+00S 22+25E	3	30	8	104	<.3	145	12	368	4.18	10	<5	<2	2	13	.3	<2	<2	62	.15	.076	8	168	1.34	119	.09	3	1.85	.01	.05	<2	2
15+00S 22+50E	5	26	7	98	<.3	57	7	338	4.50	9	<5	<2	3	14	.3	<2	<2	73	.15	.105	5	82	.68	100	.13	<3	1.69	.01	.05	<2	1
15+00S 22+75E	4	26	8	130	<.3	111	13	421	5.11	10	<5	<2	<2	11	.5	<2	<2	80	.10	.084	8	163	1.27	77	.10	<3	2.02	.01	.05	<2	3
15+00S 23+00E	4	33	11	151	<.3	118	12	354	5.10	9	<5	<2	<2	32	.7	<2	<2	76	.30	.050	17	161	1.16	178	.09	<3	2.23	.01	.06	<2	3
15+00S 23+25E	4	32	8	118	<.3	111	11	358	4.47	10	<5	<2	3	12	.5	<2	<2	57	.12	.060	9	153	1.39	105	.08	4	1.87	.01	.05	<2	3
15+00S 23+50E	3	10	7	62	<.3	68	7	276	3.11	4	<5	<2	3	10	.2	<2	<2	66	.09	.037	9	137	.60	98	.11	<3	1.54	.01	.05	<2	13
15+00S 23+75E	3	23	11	97	<.3	89	9	297	4.84	8	<5	<2	4	11	.5	<2	<2	67	.10	.079	9	161	1.10	99	.11	3	1.74	.01	.07	<2	3
15+00S 24+00E	2	15	9	78	.3	86	8	260	3.69	4	<5	<2	2	11	.4	<2	<2	60	.12	.076	9	152	.94	98	.08	<3	1.52	.01	.07	<2	1
RE 15+00S 24+00E	2	15	9	78	<.3	87	8	261	3.69	3	<5	<2	2	12	.3	2	<2	60	.12	.077	9	155	.95	99	.08	<3	1.53	.01	.07	<2	2
15+00S 24+25E	3	22	8	110	.3	144	14	510	4.75	7	<5	<2	2	14	.5	<2	<2	69	.12	.064	9	215	1.26	149	.12	3	1.50	.01	.07	<2	1
15+00S 24+50E	3	15	9	97	<.3	192	15	416	4.36	5	<5	<2	<2	17	.5	<2	<2	63	.17	.077	9	184	1.38	118	.10	5	1.43	.01	.08	<2	2
15+00S 24+75E	6	73	15	167	<.3	69	18	1901	6.54	38	<5	<2	3	11	.7	<2	<2	61	.06	.143	10	62	.63	77	.03	<3	2.30	.01	.05	<2	1
15+00S 25+00E	5	22	12	103	<.3	47	6	280	4.41	12	<5	<2	<2	12	.2	<2	<2	64	.08	.078	7	74	.65	64	.08	<3	1.88	.01	.04	<2	1
15+25S 25+00E	4	29	11	120	<.3	86	12	519	4.99	12	<5	<2	2	13	.3	<2	<2	60	.13	.069	9	125	1.15	124	.08	3	2.23	.01	.05	<2	2
15+50S 25+00E	4	42	6	122	<.3	126	12	378	3.88	14	<5	<2	<2	14	.3	<2	<2	39	.15	.052	8	117	1.24	110	.06	4	2.38	.01	.04	<2	4
15+75S 25+00E	4	35	6	141	<.3	105	11	440	4.94	15	<5	<2	3	13	.2	<2	<2	59	.12	.060	8	135	1.21	120	.08	3	2.16	.01	.05	<2	4
16+00S 13+00E	1	7	5	45	.3	1399	91	562	6.10	2	<5	<2	4	19	.3	<2	<2	40	.32	.020	1	958	13.07	22	.03	38	.82	<.01	.01	<2	9
16+00S 13+25E	1	107	6	24	.8	2429	123	3162	3.84	219	<5	<2	9	181	.4	4	4	41	2.15	.185	16	1051	6.01	149	.02	33	1.53	.01	.04	<2	1
STANDARD C/AU-S	19	59	42	126	6.7	68	31	1081	3.74	40	18	7	38	54	18.1	18	22	59	.50	.091	38	59	.89	185	.09	29	1.83	.06	.16	9	51

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

P.09/13
604 253 1716 TO INTL TAURUS
SEP 13'95 14:07 FR ACME LABS



Hera Resources Inc. PROJECT BORNITE FILE # 95-3272



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	Le	Cr	Hg	Ba	Tl	B	Al	Na	K	M	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
16+00S 13+50E	1	26	9	32	<.3	2770	72	399	2.66	27	<5	<2	<2	69	.3	<2	2	38	.85	.090	2	746	14.78	39	.02	20	2.25	<.01	.01	<2	5
16+00S 13+75E	1	7	7	32	<.3	914	29	988	2.97	28	<5	<2	7	45	<.2	<2	<2	20	3.80	.019	4	375	3.65	47	.05	17	2.20	.01	.01	<2	6
RE 16+00S 13+75E	1	6	8	32	<.3	909	29	987	2.93	33	<5	<2	6	45	<.2	<2	2	20	3.81	.019	3	365	3.65	47	.05	16	2.19	<.01	.01	<2	3
16+00S 14+00E	1	14	7	38	.4	434	23	243	3.39	<2	<5	<2	2	110	.4	<2	<2	27	1.49	.035	2	243	1.45	73	.04	8	.59	.01	.02	<2	2
16+00S 14+25E	1	12	6	34	<.3	2464	142	1064	4.75	40	<5	<2	4	14	<.2	<2	3	39	.14	.026	3	1025	16.74	43	.03	73	1.00	<.01	.01	<2	<1
16+00S 14+50E	5	26	14	79	<.3	141	12	275	4.47	13	<5	<2	3	8	.3	<2	<2	54	.07	.056	11	182	.98	68	.04	3	1.46	.01	.04	<2	3
16+00S 14+75E	2	30	11	98	<.3	264	22	398	4.27	12	<5	<2	3	13	.4	<2	<2	60	.21	.074	9	252	2.37	115	.08	6	1.58	.01	.04	<2	2
16+00S 15+00E	3	26	12	100	<.3	232	20	354	4.62	16	<5	<2	<2	15	.5	<2	<2	59	.17	.053	13	300	1.65	97	.07	4	1.70	.01	.03	<2	4
16+00S 15+25E	5	35	14	112	.3	179	15	347	4.57	30	<5	<2	3	13	.3	<2	<2	49	.12	.093	11	160	1.33	107	.05	3	1.72	.01	.04	<2	3
16+00S 15+50E	5	48	12	118	<.3	198	18	394	4.61	27	<5	<2	4	21	.7	<2	<2	54	.23	.075	21	120	.98	102	.07	4	1.72	.01	.04	<2	8
16+00S 15+75E	4	30	14	115	<.3	129	13	336	4.80	12	<5	<2	2	12	<.2	<2	<2	56	.16	.081	11	155	1.30	102	.07	4	1.76	.01	.05	<2	3
16+00S 16+00E	3	23	10	99	<.3	103	11	310	4.02	5	<5	<2	3	12	.4	<2	<2	53	.16	.060	11	143	1.15	84	.09	3	1.89	.01	.05	<2	3
16+00S 16+25E	2	21	10	87	<.3	140	13	362	3.71	<2	<5	<2	2	13	.3	<2	<2	58	.17	.043	10	188	1.52	116	.10	4	1.47	.01	.05	<2	2
16+00S 16+50E	6	43	14	120	<.3	163	17	338	4.73	22	<5	<2	2	11	.7	<2	<2	48	.13	.099	12	158	1.37	106	.06	4	1.97	.01	.04	<2	3
16+00S 16+75E	4	38	11	114	<.3	184	17	341	4.55	12	<5	<2	3	13	.3	<2	<2	52	.14	.070	11	175	1.61	113	.08	4	1.95	.01	.04	<2	2
16+00S 17+00E	6	42	13	150	<.3	146	16	370	5.19	18	<5	<2	2	11	.5	<2	<2	51	.10	.085	10	156	1.22	100	.06	5	2.02	.01	.04	<2	2
16+00S 17+25E	5	32	10	112	<.3	104	11	283	4.53	11	<5	<2	3	10	.4	<2	<2	55	.12	.089	12	131	1.09	101	.06	3	1.92	.01	.04	<2	2
16+00S 17+50E	9	42	13	135	<.3	112	13	326	5.44	29	<5	<2	3	12	.2	<2	<2	47	.11	.116	11	128	1.02	120	.04	3	1.90	.01	.03	<2	2
16+00S 17+75E	10	54	12	167	<.3	112	13	339	5.34	23	<5	<2	4	10	.7	<2	<2	45	.07	.074	12	106	.80	89	.03	3	1.98	.01	.03	<2	1
16+00S 18+00E	8	49	10	164	<.3	160	14	338	4.81	19	<5	<2	4	10	.7	<2	<2	46	.10	.063	12	124	1.09	106	.04	4	1.85	.01	.04	<2	1
16+00S 18+25E	17	83	19	262	<.3	162	17	471	5.80	38	<5	<2	5	11	1.8	<2	<2	48	.09	.074	13	99	1.13	122	.03	3	2.01	.01	.03	<2	3
16+00S 18+50E	6	37	14	151	.3	108	12	329	4.69	11	<5	<2	3	11	.4	<2	<2	50	.13	.085	13	129	1.10	95	.06	4	1.73	.01	.04	<2	2
16+00S 18+75E	11	51	10	194	<.3	102	12	279	5.26	24	<5	<2	4	10	.5	<2	<2	54	.08	.129	12	98	.95	116	.03	3	2.35	.01	.04	<2	1
16+00S 19+00E	5	38	13	163	<.3	127	14	346	5.16	11	<5	<2	4	11	.5	<2	<2	66	.13	.071	10	132	1.22	108	.10	3	2.49	.01	.05	<2	3
16+00S 19+25E	15	57	13	314	.6	109	15	495	5.78	30	<5	<2	4	13	1.1	<2	<2	58	.12	.076	11	80	.86	125	.04	3	2.39	.01	.06	<2	3
16+00S 19+50E	10	41	14	180	<.3	89	11	320	5.27	17	<5	<2	4	11	.3	<2	<2	64	.09	.049	11	103	.85	121	.06	<3	1.94	.01	.04	<2	6
16+00S 19+75E	6	36	9	156	<.3	97	12	309	4.46	11	<5	<2	2	11	.4	<2	2	54	.13	.074	10	100	.94	140	.06	<3	1.80	.01	.04	<2	3
16+00S 20+00E	3	22	6	100	<.3	94	10	328	3.67	11	<5	<2	<2	11	.2	<2	<2	55	.16	.072	11	138	1.00	103	.08	3	1.35	.01	.05	<2	1
16+00S 20+25E	3	18	12	83	<.3	113	11	320	3.68	6	<5	<2	<2	15	.5	<2	<2	52	.12	.057	12	177	.74	120	.04	<3	1.26	.01	.04	<2	1
16+00S 20+50E	3	41	11	101	<.3	288	26	612	3.66	8	<5	<2	2	15	<.2	<2	<2	45	.22	.050	12	194	2.18	68	.08	6	1.33	.01	.04	<2	10
16+00S 20+75E	2	11	10	68	<.3	205	15	321	3.99	3	<5	<2	<2	12	<.2	<2	<2	54	.14	.041	9	306	1.10	123	.05	5	.99	.01	.04	<2	3
16+00S 21+00E	4	22	12	125	<.3	127	11	404	5.30	14	<5	<2	4	13	.3	<2	2	73	.09	.047	7	179	1.07	88	.16	3	1.88	.01	.04	<2	1
16+00S 21+25E	7	57	14	267	<.3	82	14	427	6.62	29	<5	<2	6	14	.5	<2	<2	71	.09	.060	7	73	.96	107	.18	<3	2.62	.01	.03	<2	1
16+00S 21+50E	4	20	13	112	<.3	95	9	341	4.13	9	<5	<2	3	11	.4	<2	<2	71	.10	.046	6	122	.72	102	.16	<3	1.36	.01	.04	<2	2
16+00S 21+75E	4	47	9	193	<.3	86	12	709	5.51	9	<5	<2	4	11	<.2	<2	<2	76	.11	.065	5	95	1.03	75	.19	<3	2.22	.01	.04	<2	2
STANDARD C/AU-S	19	60	39	129	7.2	72	33	1123	3.87	44	17	8	40	53	18.7	18	22	59	.50	.095	45	62	.91	187	.08	30	1.80	.06	.15	10	48

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Mn ppm	Co ppm	Ni ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	M ppm	Au ^u ppb
16+00S 22+00E	2	18	8	143	<.3	13	3	356	2.91	11	<5	<2	4	20	<.2	<2	<2	28	.11	.051	4	16	.35	64	.16	<3	1.12	.01	.04	<2	4
16+00S 22+25E	10	23	8	199	<.3	36	12	1017	3.79	18	<5	<2	2	15	.9	2	<2	88	.16	.069	4	61	.62	141	.15	<3	2.08	.01	.05	<2	2
16+00S 22+50E	7	39	8	145	<.3	32	16	843	5.32	49	<5	<2	5	15	.3	<2	2	68	.17	.112	5	44	.68	116	.17	<3	1.74	.01	.06	<2	1
16+00S 22+75E	4	26	6	177	<.3	29	14	1057	7.29	68	<5	<2	5	14	.9	<2	<2	54	.26	.143	3	29	1.38	95	.20	<3	2.74	.01	.03	<2	1
16+00S 23+00E	3	18	9	116	<.3	43	10	966	4.70	15	<5	<2	3	16	<.2	<2	<2	64	.41	.092	1	57	1.50	66	.28	<3	2.06	.01	.05	<2	<1
16+00S 23+25E	3	39	6	124	<.3	141	13	464	4.61	11	<5	<2	2	12	.3	<2	<2	61	.15	.050	7	162	1.51	127	.09	<3	1.94	.01	.05	<2	2
16+00S 23+50E	4	26	7	94	<.3	113	14	597	4.49	9	<5	<2	2	10	<.2	<2	<2	65	.11	.082	7	148	1.03	54	.07	<3	1.40	.01	.05	<2	3
16+00S 23+75E	3	38	7	120	<.3	187	17	501	4.08	16	<5	<2	<2	14	.7	<2	<2	52	.18	.056	8	188	1.62	111	.07	3	1.84	.01	.04	<2	1
RE 16+00S 23+75E	3	38	8	119	<.3	183	17	489	4.01	13	<5	<2	2	14	.8	<2	<2	51	.18	.055	8	185	1.58	109	.07	3	1.81	.01	.05	<2	1
16+00S 24+00E	2	16	7	113	<.3	308	23	436	4.81	9	<5	<2	2	12	.5	<2	<2	58	.16	.058	6	394	2.62	152	.06	5	1.26	.01	.05	<2	2
16+00S 24+25E	3	28	9	154	<.3	208	18	388	4.58	12	<5	<2	3	14	<.2	<2	<2	59	.15	.046	8	248	2.06	135	.08	4	1.85	.01	.04	<2	3
16+00S 24+50E	3	20	10	121	<.3	84	11	343	3.81	7	<5	<2	<2	25	<.2	<2	<2	56	.27	.064	8	154	1.13	145	.04	<3	1.68	.01	.07	<2	1
16+00S 24+75E	4	30	10	145	.3	54	8	319	4.62	13	<5	<2	3	12	1.0	<2	<2	55	.11	.061	9	85	.91	101	.07	<3	2.25	.01	.05	<2	2
16+00S 25+00E	5	62	9	179	.6	114	20	587	4.59	23	<5	<2	2	45	.6	<2	<2	53	.46	.053	11	95	1.15	112	.06	<3	2.67	.01	.07	<2	1

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

P.10/13
 604 253 1716 TO INTL TAURUS
 SEP 13'95 14:08 FR ACME LABS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
13+00S 16+25E	2	20	6	114	<.3	156	14	453	3.83	4	<5	<2	<2	11	.6	3	4	60	.15	.062	7	222	1.55	130	.06	5	1.34	.01	.04	<2	2
13+00S 16+50E	1	22	4	141	<.3	341	31	592	4.61	4	6	<2	<2	10	.7	4	3	61	.14	.050	7	371	3.18	87	.09	11	1.53	.01	.03	<2	3
13+00S 16+75E	1	20	4	98	.3	318	24	449	4.06	4	9	<2	<2	10	.6	2	2	62	.13	.064	7	346	2.77	83	.07	6	1.43	.01	.03	<2	1
13+00S 17+00E	2	23	6	108	<.3	231	20	530	4.67	7	<5	<2	<2	11	.5	2	3	64	.14	.076	7	274	2.17	93	.09	6	1.68	.01	.04	<2	4
13+00S 17+25E	2	35	5	126	<.3	159	24	1190	5.29	16	9	<2	2	16	.4	<2	2	64	.25	.113	7	176	1.87	113	.11	5	2.14	.01	.05	<2	1
13+00S 17+50E	1	18	5	101	<.3	195	16	457	4.22	4	<5	<2	<2	10	.3	3	2	67	.11	.067	7	295	2.12	75	.11	7	1.68	.01	.03	<2	2
13+00S 17+75E	<1	242	4	92	<.3	453	33	512	3.41	<2	<5	<2	<2	14	.6	4	2	50	.18	.041	8	329	3.35	73	.06	8	1.46	.02	.02	<2	8
13+00S 18+00E	2	25	4	143	<.3	214	19	493	4.05	7	6	<2	<2	14	.7	3	3	59	.20	.066	8	210	2.00	99	.08	6	1.71	.01	.03	<2	3
13+00S 18+25E	2	25	6	101	<.3	123	13	401	3.50	11	6	<2	<2	11	.5	3	3	48	.13	.046	8	116	1.32	111	.07	5	1.95	.01	.03	<2	3
13+00S 18+50E	1	18	4	105	<.3	598	46	888	5.17	5	<5	<2	<2	11	.4	2	4	61	.16	.097	5	590	5.07	114	.03	15	1.40	.01	.03	<2	3
13+00S 18+75E	1	16	4	101	<.3	346	25	392	4.27	2	6	<2	<2	12	.4	3	<2	66	.16	.080	7	375	3.25	104	.07	7	1.55	.01	.03	<2	3
13+00S 19+00E	1	18	3	94	<.3	508	39	515	4.16	3	6	<2	<2	12	.4	3	<2	61	.19	.070	7	423	4.04	73	.07	11	1.67	.01	.02	<2	2
13+00S 19+25E	1	18	5	86	<.3	400	27	506	3.95	2	7	<2	<2	11	.6	<2	4	58	.18	.079	7	387	3.58	60	.07	8	1.46	.01	.03	<2	3
13+00S 19+50E	1	28	6	71	<.3	519	34	551	3.63	7	<5	<2	<2	12	.5	5	3	53	.19	.053	8	341	3.58	56	.08	10	1.58	.01	.03	<2	31
13+00S 19+75E	1	20	5	100	<.3	497	38	469	4.51	4	5	<2	2	10	.4	<2	2	61	.14	.051	7	399	3.32	69	.10	7	1.84	.01	.02	<2	1
13+00S 20+00E	1	20	4	94	<.3	452	33	475	4.15	6	8	<2	<2	12	.5	<2	4	63	.16	.043	7	374	3.65	81	.08	8	1.71	.01	.02	<2	5
13+00S 20+25E	<1	15	4	96	<.3	180	14	296	3.43	<2	<5	<2	<2	12	.5	3	2	50	.13	.045	9	204	1.78	72	.07	4	1.58	.01	.02	<2	2
13+00S 20+50E	1	14	<3	90	<.3	306	20	310	3.37	2	<5	<2	<2	12	.3	4	2	57	.19	.065	6	317	3.10	120	.06	8	1.44	.01	.03	<2	3
13+00S 20+75E	1	19	5	105	<.3	304	24	606	4.82	2	5	<2	<2	19	.6	2	4	72	.22	.077	7	376	2.28	127	.06	6	1.43	.01	.03	<2	2
13+00S 21+00E	1	69	8	192	1.2	299	38	1737	3.98	5	14	<2	<2	53	2.1	3	2	46	.62	.114	44	424	1.85	97	.03	6	1.92	.01	.06	<2	10
13+00S 21+25E	1	22	4	89	<.3	420	34	595	4.08	4	5	<2	<2	15	.6	<2	<2	57	.18	.064	7	374	3.31	84	.06	8	1.39	.01	.03	<2	5
13+00S 21+50E	1	20	6	87	<.3	241	18	363	4.70	3	5	<2	<2	11	.4	4	2	63	.15	.100	7	323	2.21	105	.06	6	1.40	.01	.04	<2	2
13+00S 21+75E	<1	8	6	60	<.3	110	11	513	2.21	<2	6	<2	<2	12	.3	3	2	39	.16	.052	8	215	1.28	100	.05	4	1.00	.01	.04	<2	2
13+00S 22+00E	2	17	9	89	<.3	69	7	285	3.65	3	<5	<2	<2	11	.4	3	<2	51	.10	.060	9	118	.89	84	.10	4	1.77	.01	.03	<2	4
RE 13+00S 22+00E	2	15	7	81	<.3	63	6	266	3.37	2	<5	<2	<2	10	.4	<2	<2	47	.10	.055	8	108	.82	77	.09	3	1.65	.01	.03	<2	3
13+00S 22+25E	2	22	5	101	<.3	304	20	322	4.04	5	6	<2	2	10	.6	2	2	53	.10	.048	7	276	2.44	58	.08	8	1.73	.01	.03	<2	12
13+00S 22+50E	5	53	6	149	<.3	426	26	418	5.40	12	5	<2	<2	24	.5	<2	<2	59	.21	.049	7	293	2.60	67	.08	7	2.36	.01	.03	<2	3
13+00S 22+75E	2	23	4	119	<.3	244	18	398	3.98	<2	<5	<2	<2	20	.7	<2	<2	61	.21	.057	9	309	2.03	90	.06	5	1.91	.01	.02	<2	1
13+00S 23+00E	1	19	<3	81	<.3	401	25	402	3.84	6	<5	<2	<2	13	.6	4	2	56	.18	.066	6	375	3.53	83	.05	10	1.41	.01	.02	<2	3
13+00S 23+25E	1	18	3	100	<.3	364	30	557	4.14	<2	<5	<2	<2	12	.6	3	2	57	.14	.059	6	378	3.16	69	.04	10	1.36	.01	.02	<2	2
13+00S 23+50E	1	21	4	73	<.3	504	43	773	4.03	6	<5	<2	<2	11	.7	3	2	50	.18	.062	7	403	4.16	67	.05	11	1.23	.01	.03	<2	3
13+00S 23+75E	4	25	6	112	<.3	100	9	356	4.22	4	<5	<2	<2	12	.6	2	<2	47	.14	.064	7	141	1.08	97	.07	3	1.47	.01	.03	<2	4
13+00S 24+00E	3	19	6	155	<.3	224	23	597	4.71	2	<5	<2	<2	13	.8	3	2	63	.18	.060	6	337	1.69	124	.05	6	1.38	.01	.04	<2	7
13+00S 24+25E	1	24	4	100	<.3	330	31	609	3.56	7	5	<2	<2	11	1.0	<2	<2	47	.13	.046	8	287	2.76	74	.05	8	1.28	.01	.02	<2	5
13+00S 24+50E	2	21	4	101	<.3	351	31	581	3.64	15	6	<2	<2	14	1.0	3	<2	47	.18	.035	6	315	2.91	88	.05	8	1.28	.01	.03	<2	3
STANDARD C/AU-S	18	57	37	131	6.9	70	31	1080	3.72	39	21	8	33	49	18.2	14	19	58	.47	.092	39	58	.88	176	.07	30	1.69	.06	.14	10	50

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
 AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Hg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
13+00S 24+75E	8	76	9	372	1.6	238	31	1295	5.73	21	<5	<2	<2	64	3.7	<2	<2	44	.60	.109	14	165	1.13	94	.04	5	2.25	.01	.06	<2	4
13+00S 25+00E	4	46	7	220	1.0	170	17	541	5.58	10	<5	<2	<2	53	1.4	<2	<2	54	.55	.093	7	223	1.21	136	.05	7	1.83	.01	.06	<2	2
14+00S 10+25E	<1	26	<3	77	<.3	2141	128	1874	5.66	2	<5	<2	<2	17	.6	3	<2	47	.13	.133	4	1347	13.71	105	.01	63	.98	.01	.03	<2	120
14+00S 10+50E	<1	18	4	60	<.3	226	21	412	2.99	8	<5	<2	<2	18	.5	3	2	61	.13	.016	7	247	2.44	92	.08	9	1.64	.01	.04	<2	50
14+00S 10+75E	<1	15	4	72	<.3	488	57	707	4.94	<2	<5	<2	<2	15	.5	<2	<2	61	.09	.016	7	485	2.65	104	.06	12	1.45	.01	.03	<2	6
14+00S 11+00E	<1	25	3	45	<.3	1513	79	774	5.91	3	<5	<2	<2	18	.4	2	<2	37	.21	.063	5	849	6.20	60	.04	26	1.09	.01	.02	<2	56
14+00S 11+25E	<1	16	<3	32	<.3	2545	135	1265	5.00	5	<5	<2	<2	9	.3	<2	<2	23	.12	.032	2	1009	17.88	35	.01	78	.48	.01	<.01	<2	12
14+00S 12+00E	<1	7	<3	49	<.3	852	99	1155	7.22	<2	<5	<2	<2	12	.2	3	<2	44	.06	.055	4	985	6.50	54	.04	28	.77	.01	.01	<2	2
14+00S 12+25E	<1	17	<3	49	<.3	2267	239	1972	5.98	<2	<5	<2	<2	21	.4	2	<2	34	.15	.077	2	1554	14.60	82	.01	59	.64	.01	.02	<2	1
14+00S 12+50E	<1	30	<3	45	<.3	3037	119	1191	5.33	14	<5	<2	<2	41	.7	6	<2	44	.41	.047	9	1539	12.77	79	.02	35	1.42	.01	.04	<2	2
14+00S 12+75E	<1	18	<3	35	.3	2746	164	976	5.27	3	<5	<2	<2	8	.5	<2	<2	40	.05	.026	2	1308	21.27	23	.01	67	.88	<.01	.01	<2	6
14+00S 13+00E	1	66	<3	74	.6	150	34	523	8.61	<2	<5	<2	<2	11	.5	<2	<2	235	.42	.019	<1	122	2.49	68	.65	6	3.30	.03	.03	<2	3
14+00S 13+25E	1	37	5	74	<.3	1220	65	1194	4.90	68	<5	<2	<2	23	.6	2	<2	64	.30	.022	6	566	3.56	109	.13	9	1.81	.01	.04	<2	8
RE 14+00S 13+25E	1	37	5	76	.3	1239	67	1237	4.90	68	<5	<2	<2	23	.4	5	<2	64	.29	.023	7	579	3.61	113	.12	10	1.82	.01	.03	2	7
14+00S 13+50E	<1	28	<3	26	<.3	1339	41	402	2.27	18	<5	<2	<2	71	.3	2	<2	33	1.15	.059	6	707	5.79	69	.02	20	1.34	.01	.03	9	3
14+00S 13+75E	2	6	<3	41	<.3	518	48	496	6.92	<2	<5	<2	<2	15	.2	<2	<2	46	.15	.025	3	604	6.48	28	.03	7	.41	.01	.02	<2	1
14+00S 14+00E	2	23	3	51	<.3	1703	84	930	4.67	41	<5	<2	<2	45	.5	3	<2	42	.60	.023	4	518	6.85	65	.05	26	1.26	.01	.03	<2	3
14+00S 14+25E	1	20	5	48	.5	677	41	388	4.43	59	<5	<2	2	40	.5	<2	<2	65	.49	.017	7	438	3.36	96	.08	11	1.40	.01	.03	<2	10
14+00S 14+50E	<1	31	3	47	.3	1048	35	503	3.34	13	<5	<2	2	26	.4	4	3	38	.30	.043	10	470	6.55	61	.04	19	1.49	.01	.06	<2	3
14+00S 14+75E	3	16	4	58	<.3	194	17	327	4.21	10	<5	<2	<2	17	.3	<2	<2	68	.15	.025	10	364	1.17	70	.06	5	.96	.01	.05	<2	5
14+00S 15+00E	1	14	3	71	<.3	292	19	260	3.88	4	<5	<2	2	14	.3	<2	<2	64	.11	.044	8	334	2.81	158	.06	8	1.26	.01	.03	<2	2
14+00S 15+25E	1	20	<3	78	<.3	425	26	387	4.28	17	<5	<2	<2	15	.4	2	<2	63	.13	.039	7	369	3.72	86	.07	12	1.45	.01	.03	<2	7
14+00S 15+50E	2	17	<3	86	.5	320	23	347	4.66	5	<5	<2	<2	17	.6	<2	<2	69	.14	.040	7	387	2.61	108	.05	8	1.39	.01	.04	<2	1
14+00S 15+75E	1	16	<3	81	.3	437	28	320	4.54	2	<5	<2	<2	14	.3	<2	<2	64	.15	.078	7	426	4.25	84	.06	12	1.30	.01	.03	<2	35
14+00S 16+00E	<1	6	5	50	<.3	146	12	228	2.29	<2	<5	<2	<2	14	.3	2	2	38	.13	.030	10	238	1.73	96	.08	6	.91	.01	.03	<2	14
14+00S 16+25E	1	16	3	67	<.3	525	34	446	3.71	12	5	<2	<2	14	.4	<2	<2	52	.17	.079	8	423	4.70	78	.04	14	1.30	.01	.02	<2	3
14+00S 16+50E	1	12	3	62	.4	236	17	273	3.07	<2	<5	<2	<2	14	.5	2	<2	46	.15	.051	8	316	2.14	128	.06	7	1.08	.01	.03	<2	2
14+00S 16+75E	1	17	<3	86	.3	460	28	367	4.21	6	<5	<2	<2	15	.7	2	2	61	.20	.101	9	432	4.11	116	.05	11	1.45	.01	.03	<2	2
14+00S 17+00E	6	29	3	143	<.3	149	14	304	5.14	16	<5	<2	<2	13	.5	3	<2	62	.11	.119	10	196	1.34	123	.04	5	1.44	.01	.04	<2	3
14+00S 17+25E	1	7	4	73	<.3	140	13	304	2.81	<2	<5	<2	<2	14	.5	2	<2	49	.16	.054	9	257	1.62	143	.07	5	1.20	.01	.03	<2	11
14+00S 17+50E	4	31	7	147	<.3	173	15	386	4.91	9	<5	<2	<2	13	.8	2	<2	68	.12	.106	11	221	1.44	119	.05	7	1.47	.01	.04	<2	15
14+00S 17+75E	2	14	7	116	<.3	109	9	236	3.33	<2	<5	<2	2	14	.8	<2	<2	55	.14	.067	12	195	1.31	96	.09	4	1.55	.01	.03	<2	2
14+00S 18+00E	1	12	5	111	.5	112	10	273	3.40	3	<5	<2	<2	11	.7	2	<2	52	.10	.053	9	175	1.09	124	.08	5	1.66	.01	.03	<2	4
14+00S 18+25E	3	16	6	119	.3	72	8	367	3.59	6	<5	<2	<2	10	.6	<2	<2	56	.10	.058	10	120	.95	105	.08	3	1.73	.01	.03	<2	3
14+00S 18+50E	2	18	<3	142	<.3	128	14	368	3.98	10	<5	<2	2	10	.6	<2	<2	57	.11	.067	10	182	1.31	113	.08	3	1.66	.01	.02	<2	2
STANDARD C/AU-S	18	57	37	122	7.2	69	31	1077	3.74	45	22	7	39	55	18.3	19	17	59	.48	.093	41	58	.90	176	.07	30	1.69	.06	.15	11	48

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
 AU* - IGNITED, AQUA-REGIA/HIBK EXTRACT, GF/AA FINISHED.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
14+00S 18+75E	2	19	4	118	<.3	140	14	420	4.24	8	8	<2	<2	13	.5	3	3	58	.16	.077	9	202	1.19	141	.09	5	1.36	.01	.05	<2	<1
14+00S 19+00E	2	23	4	111	<.3	121	12	416	4.06	16	<5	<2	<2	14	.5	3	2	57	.16	.106	11	148	1.15	125	.06	3	1.67	.01	.04	<2	<1
14+00S 19+25E	2	13	5	109	<.3	64	8	354	3.55	8	<5	<2	<2	11	.6	<2	2	52	.14	.087	9	111	.79	133	.05	4	1.35	.01	.05	<2	1
14+00S 19+50E	2	25	5	112	<.3	59	8	394	4.46	18	<5	<2	3	13	.8	3	3	55	.16	.100	12	74	.72	125	.08	<3	1.92	.01	.02	<2	<1
14+00S 19+75E	2	17	4	141	.3	72	10	391	3.97	6	<5	<2	2	12	.6	3	3	61	.22	.077	12	111	.88	90	.11	3	1.48	.01	.04	<2	<1
14+00S 20+00E	2	13	4	123	<.3	136	13	392	4.49	4	7	<2	<2	10	.7	3	3	70	.11	.061	9	211	1.25	116	.11	3	1.62	.01	.03	<2	<1
14+00S 20+25E	1	15	<3	138	<.3	432	42	684	5.65	8	13	<2	<2	10	.5	4	3	67	.16	.095	8	549	3.55	139	.07	17	1.36	.01	.04	<2	2
14+00S 20+50E	1	10	4	66	<.3	246	20	363	4.07	3	<5	<2	<2	12	.5	4	3	64	.15	.041	8	388	2.21	96	.08	7	1.17	.01	.03	<2	9
14+00S 20+75E	1	15	5	80	<.3	219	20	390	3.97	4	8	<2	2	12	.4	<2	<2	67	.15	.052	9	323	1.72	164	.07	5	1.27	.01	.04	<2	24
14+00S 21+00E	2	24	3	102	.3	323	40	910	4.34	8	<5	<2	<2	58	.8	3	2	60	.75	.093	8	469	2.26	99	.03	5	1.31	.01	.03	<2	4
14+00S 21+25E	1	11	5	60	<.3	166	21	788	3.78	3	<5	<2	<2	19	.4	2	<2	67	.37	.062	8	424	1.27	170	.05	5	1.04	.01	.05	<2	<1
14+00S 21+50E	2	20	6	88	<.3	220	27	708	4.75	5	<5	<2	<2	21	.8	6	3	79	.26	.050	10	344	1.56	112	.09	4	1.39	.01	.05	<2	<1
RE 14+00S 21+75E	1	30	4	104	<.3	314	26	474	4.73	10	7	<2	2	15	.5	<2	4	67	.15	.039	11	278	2.43	83	.08	5	1.93	.01	.02	<2	2
14+00S 21+75E	2	29	6	104	<.3	314	27	485	4.75	11	6	<2	2	15	.6	5	2	67	.15	.040	11	276	2.42	83	.08	6	1.94	.01	.03	<2	3
14+00S 22+00E	3	26	5	110	<.3	161	14	307	4.76	5	<5	<2	<2	12	.6	3	3	67	.10	.054	11	203	1.68	83	.06	4	1.80	.01	.02	<2	3
14+00S 22+25E	1	17	<3	79	<.3	192	15	378	5.12	8	8	<2	2	11	.4	4	3	78	.12	.068	10	284	1.50	122	.10	5	1.61	.01	.04	<2	2
14+00S 22+50E	3	39	5	136	<.3	108	15	486	6.05	7	<5	<2	2	11	.3	<2	2	73	.09	.094	13	153	1.24	85	.06	3	2.22	.01	.03	<2	1
14+00S 22+75E	2	21	6	89	<.3	86	9	328	4.63	3	<5	<2	<2	11	.4	3	3	63	.08	.045	10	135	.91	75	.06	<3	1.87	.01	.02	<2	2
14+00S 23+00E	4	35	5	130	<.3	60	9	336	4.99	6	<5	<2	<2	8	.5	4	<2	48	.06	.085	9	83	.98	84	.02	<3	2.13	.01	.03	<2	<1
14+00S 23+25E	6	45	6	147	.3	59	8	379	5.74	3	7	<2	3	10	.4	<2	4	47	.05	.072	10	62	.83	81	.03	<3	2.13	.01	.02	<2	3
14+00S 23+50E	8	58	7	154	<.3	125	16	601	5.57	12	<5	<2	2	9	.5	<2	4	54	.06	.067	10	124	.96	92	.05	<3	2.40	.01	.04	<2	3
14+00S 23+75E	7	38	8	229	<.3	125	15	752	5.54	7	<5	<2	<2	31	1.1	3	2	68	.30	.088	15	147	.97	162	.04	3	2.00	.01	.07	<2	<1
14+00S 24+00E	8	33	9	141	<.3	86	9	403	5.33	3	5	<2	<2	9	.5	<2	<2	65	.06	.068	9	120	.85	136	.04	<3	1.92	.01	.04	<2	3
14+00S 24+25E	6	23	9	127	.4	34	5	581	5.24	2	<5	<2	<2	10	.6	3	4	57	.09	.103	6	51	.87	63	.02	<3	1.70	.01	.04	<2	<1
14+00S 24+50E	11	21	9	117	<.3	46	5	295	4.33	10	<5	<2	<2	7	.5	<2	5	68	.05	.079	6	70	.61	72	.02	<3	1.74	.01	.02	<2	2
14+00S 24+75E	7	30	9	112	.3	40	8	831	3.48	<2	<5	<2	<2	13	.5	<2	2	48	.15	.089	7	56	.48	111	.01	4	1.20	<.01	.06	<2	2
14+00S 25+00E	8	36	11	183	.3	74	11	584	5.75	4	<5	<2	<2	9	1.0	3	5	66	.07	.093	10	110	.80	97	.04	<3	1.97	.01	.04	<2	2
25+00E 12+25S	2	15	4	83	.5	113	13	472	3.53	3	7	<2	<2	13	.6	<2	3	56	.12	.066	9	245	.94	130	.04	<3	1.20	.01	.04	<2	<1
25+00E 12+50S	5	24	7	139	<.3	95	8	332	4.78	12	<5	<2	<2	10	.5	3	3	55	.08	.076	7	151	1.11	85	.07	3	1.77	.01	.03	<2	2
25+00E 12+75S	4	25	8	123	<.3	150	23	1197	4.60	6	<5	<2	<2	22	1.1	2	2	65	.17	.078	8	251	1.18	283	.05	4	1.50	.01	.04	<2	<1
25+00E 13+25S	4	17	9	115	<.3	34	5	352	2.95	6	<5	<2	<2	13	.7	4	3	47	.16	.065	5	58	.44	125	.13	<3	1.27	.01	.04	<2	1
25+00E 13+50S	12	41	8	294	<.3	46	7	427	5.76	12	<5	<2	2	22	1.0	<2	3	69	.12	.085	7	50	.65	145	.11	<3	2.13	.01	.04	<2	<1
25+00E 13+75S	21	40	8	199	.3	52	6	636	5.09	7	<5	<2	<2	19	.8	2	3	54	.12	.084	7	43	.72	157	.09	<3	1.83	.01	.04	<2	<1
9+00N 1+25W	2	76	6	101	<.3	123	18	856	3.97	8	<5	<2	3	23	.7	2	2	64	.41	.065	14	102	1.37	115	.15	3	1.79	.01	.04	<2	3
9+00N 1+00W	1	34	5	87	<.3	91	14	593	3.60	7	<5	<2	2	27	.5	<2	3	70	.43	.067	12	92	1.12	72	.15	4	1.61	.01	.05	<2	5
STANDARD C/AU-S	19	59	37	127	7.2	70	32	1135	3.93	42	19	8	39	52	18.4	19	22	63	.50	.096	42	62	.93	188	.08	29	1.82	.06	.14	12	48

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
 AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
9+00N 0+75W	1	28	6	79	<.3	50	9	409	2.61	3	<5	<2	2	19	.4	3	<2	54	.27	.038	10	70	.90	114	.07	3	1.59	.01	.04	<2	2
9+00N 0+50W	3	86	8	118	<.3	155	21	851	4.29	9	<5	<2	3	25	.7	6	<2	68	.43	.065	14	114	1.40	102	.15	4	1.61	.01	.05	<2	3
9+00N 0+25W	2	41	6	117	<.3	72	15	716	3.68	7	<5	<2	18	.8	4	2	64	.24	.056	11	87	1.00	90	.09	4	1.96	.01	.03	<2	2	
RE 9+00N 0+25W	2	41	4	119	<.3	73	15	734	3.74	6	<5	<2	2	18	.8	4	<2	65	.24	.057	11	89	1.02	91	.09	4	1.99	.01	.04	<2	2

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
 AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-3203 Page 1

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9 Submitted by: U. Mowat

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
4+00S 18+25E	5	25	9	102	<.3	79	7	347	4.82	15	<5	<2	<2	12	.4	3	3	64	.09	.070	8	136	.92	89	.11	9	1.80	.01	.01	2	1
4+00S 18+50E	4	25	8	118	<.3	79	8	357	5.10	13	<5	<2	<2	12	.8	3	<2	64	.09	.067	7	173	1.11	65	.11	8	1.92	.01	.02	2	<1
4+00S 18+75E	5	33	9	139	<.3	128	14	623	5.71	16	6	<2	<2	11	.8	<2	3	61	.09	.066	10	166	1.28	79	.08	10	2.08	.01	.03	<2	7
4+00S 19+00E	4	15	7	55	1.2	41	6	633	2.63	7	5	<2	<2	11	1.0	<2	3	49	.07	.060	8	106	.39	116	.04	4	1.39	.01	.05	<2	<1
4+00S 19+25E	2	11	7	40	.6	41	4	206	1.59	3	15	<2	<2	10	.2	<2	3	37	.06	.067	8	114	.55	97	.01	3	1.20	.01	.05	<2	<1
4+00S 19+50E	3	28	11	102	<.3	46	8	332	4.12	10	<5	<2	2	16	.7	<2	<2	56	.15	.075	13	67	.69	91	.06	4	2.52	.01	.01	<2	<1
4+00S 19+75E	3	24	6	96	.4	119	11	446	4.38	5	<5	<2	<2	12	.3	<2	<2	65	.12	.069	8	184	1.59	76	.04	8	1.92	.01	.02	<2	1
5+00S 18+75E	3	31	6	128	<.3	267	22	580	4.93	10	<5	<2	<2	16	.5	<2	2	64	.15	.047	9	285	2.72	116	.06	11	1.89	.01	<.01	<2	<1
5+00S 19+00E	4	32	9	139	<.3	222	20	586	4.79	10	<5	<2	<2	14	.6	<2	<2	62	.13	.048	10	225	2.21	93	.08	11	1.85	.01	.01	<2	<1
5+00S 19+25E	4	23	8	88	<.3	47	6	598	3.48	15	<5	<2	<2	16	.8	3	3	50	.13	.056	8	99	.59	139	.08	6	1.47	.01	.04	<2	<1
5+00S 19+50E	3	23	7	91	<.3	38	6	298	3.75	19	<5	<2	<2	19	.8	5	<2	53	.20	.070	13	66	.63	65	.07	6	2.19	.01	.03	2	1
6+00S 14+00E	14	57	15	238	.4	81	14	1009	6.54	35	9	<2	<2	28	.9	<2	3	65	.07	.114	15	86	.78	93	.10	7	1.89	.01	.03	<2	3
6+00S 14+25E	17	87	15	278	<.3	117	15	565	8.15	23	8	<2	2	28	.7	<2	3	65	.08	.092	14	120	.79	71	.10	6	2.05	.01	.02	<2	2
6+00S 14+50E	9	67	13	207	<.3	220	17	680	6.36	24	<5	<2	<2	16	.5	<2	<2	62	.14	.072	9	242	1.92	106	.06	6	2.18	.01	.03	<2	6
6+00S 14+75E	6	36	8	184	<.3	262	21	720	4.69	8	<5	<2	<2	25	1.0	<2	<2	59	.30	.076	9	335	3.14	82	.05	12	1.73	.01	.03	<2	<1
6+00S 15+00E	2	19	7	68	<.3	118	12	346	2.70	6	<5	<2	<2	6	.3	<2	<2	30	.07	.034	3	175	1.71	59	.08	9	.94	.01	.03	<2	<1
RE 6+00S 15+00E	2	21	5	73	<.3	125	13	361	2.85	5	<5	<2	<2	7	.4	<2	<2	31	.07	.036	2	187	1.82	62	.08	11	.99	.01	.04	<2	2
6+00S 15+25E	3	29	7	128	<.3	212	29	1596	4.90	11	<5	<2	<2	13	.9	3	<2	68	.14	.072	6	334	2.49	91	.08	11	1.78	.01	.02	<2	<1
6+00S 15+50E	4	28	8	112	<.3	274	21	574	5.04	20	<5	<2	<2	16	.7	2	<2	69	.16	.056	7	287	2.56	104	.09	10	1.81	.01	.02	<2	5
6+00S 15+75E	8	52	11	204	.5	170	18	685	6.47	38	<5	<2	<2	17	1.2	4	2	61	.14	.069	8	206	1.34	136	.10	9	1.94	.01	.03	<2	4
6+00S 16+00E	3	19	8	100	.7	151	13	476	3.97	9	7	<2	<2	14	.7	<2	<2	60	.14	.059	7	271	2.11	83	.08	8	1.43	.01	.04	<2	<1
6+00S 16+25E	4	22	6	132	<.3	159	14	750	4.12	16	<5	<2	<2	12	.7	<2	3	61	.10	.058	6	233	1.72	154	.06	6	1.75	.01	.03	<2	4
6+00S 16+50E	8	46	12	215	<.3	141	16	700	6.24	27	<5	<2	<2	10	.7	<2	<2	60	.11	.064	8	149	1.53	105	.07	7	3.07	.01	.01	<2	4
6+00S 16+75E	1	18	5	125	<.3	412	31	716	5.01	6	<5	<2	<2	11	.4	<2	<2	62	.11	.063	6	586	4.76	104	.05	14	1.69	.01	.01	<2	<1
6+00S 17+00E	3	14	10	81	.3	103	10	361	2.39	4	<5	<2	<2	13	.8	2	<2	58	.10	.050	9	212	1.23	131	.05	5	1.90	.01	.03	<2	<1
6+00S 17+25E	3	28	8	111	<.3	53	7	320	3.89	6	<5	<2	<2	12	.7	<2	4	46	.11	.073	10	79	.69	76	.03	6	1.75	.01	.01	<2	3
6+00S 17+50E	2	26	6	106	<.3	336	33	662	4.00	12	<5	<2	<2	14	.9	<2	4	52	.14	.036	8	330	3.30	84	.06	12	1.49	.01	.02	<2	1
6+00S 17+75E	2	24	3	110	<.3	317	30	666	4.28	9	<5	<2	<2	13	.7	<2	<2	66	.12	.045	7	353	3.68	89	.06	13	1.70	.01	.02	<2	1
6+00S 18+00E	7	40	7	150	<.3	73	13	753	5.32	8	10	<2	<2	10	.6	<2	<2	54	.08	.071	9	86	1.06	74	.02	6	1.89	.01	.03	<2	1
6+00S 18+25E	3	16	8	78	.5	116	8	297	2.90	<2	10	<2	2	22	.5	<2	4	48	.22	.062	10	218	1.45	110	.03	5	1.96	.01	.04	<2	<1
6+00S 18+50E	2	41	6	79	.4	562	45	777	4.06	7	<5	<2	<2	25	.6	<2	3	52	.32	.050	15	398	4.92	78	.06	15	1.47	.01	.02	<2	2
6+00S 18+75E	5	40	12	137	.3	157	12	471	4.18	5	6	<2	2	14	.6	<2	<2	49	.16	.093	11	133	1.50	67	.05	6	1.47	.01	.03	<2	2
6+00S 19+00E	5	22	10	94	.4	55	8	448	4.03	7	<5	<2	<2	11	.8	<2	2	55	.09	.053	9	132	.84	79	.07	6	1.90	.01	.01	<2	2
6+00S 19+25E	4	27	8	110	<.3	194	25	848	4.19	9	<5	<2	<2	15	.6	<2	3	59	.16	.063	9	244	1.96	77	.07	10	1.73	.01	.02	<2	<1
6+00S 19+50E	5	36	9	163	<.3	70	10	340	3.71	15	<5	<2	<2	16	1.0	3	3	49	.19	.072	13	73	.68	82	.07	7	2.43	.01	.01	<2	2
STANDARD C/AU-S	19	60	35	128	7.3	73	32	1127	3.88	43	18	8	39	52	18.7	18	22	63	.50	.095	40	63	.95	178	.08	32	1.78	.06	.14	12	46

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 - SAMPLE TYPE: SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 30 1995

DATE REPORT MAILED: *Sept 6/95*

SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
7+00S 14+00E	13	77	12	325	<.3	208	21	582	6.81	16	<5	<2	<2	24	1.7	<2	<2	64	.14	.093	15	181	1.10	103	.07	6	1.85	.01	.02	<2	9
7+00S 14+25E	15	103	14	366	.3	281	27	682	6.38	7	<5	<2	<2	34	2.0	2	2	54	.27	.076	22	139	.97	85	.06	4	2.54	.01	.01	<2	10
7+00S 14+50E	6	38	11	171	<.3	191	16	506	5.47	7	<5	<2	<2	15	1.2	4	<2	59	.10	.072	11	182	1.80	96	.10	6	1.65	.01	.03	<2	3
7+00S 14+75E	8	64	13	196	<.3	166	14	417	5.82	11	<5	<2	<2	18	1.0	5	3	60	.12	.078	12	161	1.08	97	.09	5	2.13	.01	.02	<2	5
7+00S 15+00E	11	46	11	194	<.3	146	15	438	4.81	15	7	<2	3	16	.9	<2	<2	58	.11	.051	13	108	.87	107	.10	3	2.52	.01	.03	<2	3
7+00S 15+25E	15	53	6	389	<.3	149	22	1082	7.20	18	<5	<2	<2	14	1.3	<2	3	70	.10	.086	8	198	1.29	122	.12	<3	2.28	.01	.03	<2	4
7+00S 15+50E	5	29	8	175	<.3	205	20	554	4.62	13	7	<2	<2	15	.9	<2	<2	53	.17	.055	8	233	1.97	99	.10	7	1.85	.01	.01	<2	2
7+00S 15+75E	7	48	10	244	<.3	239	17	766	5.31	9	<5	<2	<2	30	2.1	<2	<2	67	.30	.097	11	257	1.57	176	.05	4	2.80	.01	.03	<2	2
7+00S 16+00E	2	62	7	121	.4	524	41	721	3.89	10	<5	<2	<2	30	1.2	3	5	51	.41	.054	17	356	4.33	111	.07	13	1.55	.01	.03	<2	3
7+00S 16+25E	1	20	4	75	<.3	381	28	489	4.11	11	<5	<2	<2	17	.7	2	3	60	.22	.050	7	363	4.09	111	.06	11	1.58	.01	<.01	<2	2
7+00S 16+50E	1	24	7	82	.7	702	37	534	3.90	8	<5	<2	<2	39	.9	6	<2	50	.51	.064	8	540	5.46	82	.05	16	1.48	.01	.02	<2	56
7+00S 16+75E	4	42	7	151	<.3	207	15	520	4.72	11	<5	<2	<2	17	1.0	6	3	50	.18	.079	12	144	1.36	170	.02	4	2.75	.01	.02	<2	3
7+00S 17+00E	2	24	6	118	<.3	455	45	850	4.70	9	6	<2	<2	13	.8	4	<2	60	.13	.059	8	470	4.49	99	.06	14	1.59	.01	.02	<2	2
7+00S 17+25E	<1	15	5	108	.5	406	25	311	3.40	2	13	<2	<2	11	.5	<2	2	47	.15	.044	7	392	4.64	58	.05	11	1.59	.01	.03	<2	14
7+00S 17+50E	4	24	7	128	.4	118	11	373	4.32	<2	8	<2	<2	11	.4	<2	<2	55	.10	.077	8	208	1.43	121	.05	3	1.54	.01	.02	<2	2
7+00S 17+75E	7	49	10	188	<.3	165	15	513	5.42	3	<5	<2	<2	9	.6	<2	4	50	.07	.054	10	142	1.11	106	.03	<3	2.33	.01	.01	<2	6
7+00S 18+00E	2	14	6	96	<.3	178	13	277	3.32	3	<5	<2	<2	13	.5	2	<2	55	.13	.046	7	244	2.70	126	.04	6	1.62	.01	<.01	<2	2
7+00S 18+25E	1	12	3	79	<.3	493	30	450	3.61	6	<5	<2	<2	13	.3	<2	<2	53	.18	.055	6	452	5.87	77	.04	15	1.37	.01	.01	<2	3
7+00S 18+50E	1	26	5	58	<.3	839	53	603	4.29	10	<5	<2	<2	10	.8	9	2	48	.16	.044	6	623	8.54	46	.05	25	1.23	.01	<.01	<2	2
7+00S 18+75E	4	29	9	103	<.3	88	9	409	3.81	5	<5	<2	<2	11	.6	4	2	45	.12	.092	9	112	1.25	93	.02	5	2.04	.01	.02	<2	1
7+00S 19+00E	1	11	5	80	1.0	204	19	508	3.00	3	7	<2	<2	11	.7	4	<2	50	.11	.067	7	346	2.96	145	.03	7	1.55	.01	.03	<2	3
RE 7+00S 19+00E	1	11	6	80	.9	200	19	510	2.97	2	5	<2	<2	11	.5	2	2	50	.11	.065	7	337	2.94	143	.03	8	1.52	.01	.03	<2	2
7+00S 19+25E	2	20	8	91	.6	222	15	313	4.08	6	9	<2	<2	9	.5	<2	<2	51	.11	.062	8	233	2.97	80	.04	7	1.84	.01	.02	<2	2
7+00S 19+50E	3	28	8	119	.8	58	7	315	4.48	<2	12	<2	<2	10	.6	<2	2	51	.11	.092	9	88	.85	94	.03	<3	2.43	.01	.02	<2	1
7+00S 19+75E	4	41	9	105	.3	57	8	409	4.15	<2	<5	<2	2	13	.5	<2	<2	45	.17	.107	11	64	.72	77	.03	<3	2.80	.01	.01	<2	2
7+00S 20+00E	3	29	8	99	<.3	93	13	494	4.12	7	<5	<2	<2	14	.6	<2	4	55	.14	.064	10	99	1.14	79	.05	3	2.36	.01	.01	<2	2
7+00S 20+25E	3	24	8	122	<.3	178	13	562	4.52	11	<5	<2	<2	17	.6	5	<2	65	.19	.099	9	232	1.45	105	.03	4	1.99	.01	.02	<2	2
7+00S 20+50E	4	19	9	86	<.3	83	9	451	3.44	8	<5	<2	<2	14	.5	3	<2	58	.14	.061	10	118	1.28	86	.06	4	2.13	.01	.03	<2	8
8+00S 15+00E	1	18	5	92	<.3	387	27	422	4.73	7	9	<2	<2	14	.8	2	<2	69	.18	.063	7	420	4.07	68	.04	11	1.52	.01	.03	<2	1
8+00S 15+25E	2	22	7	119	<.3	187	31	930	4.95	3	10	<2	<2	35	1.5	<2	<2	65	.42	.091	10	347	1.31	141	.05	<3	1.31	.01	.04	<2	1
8+00S 15+50E	2	17	7	82	.3	186	17	455	4.10	4	12	<2	<2	19	.8	<2	<2	67	.19	.057	7	337	1.77	106	.06	4	1.29	.01	.04	<2	1
8+00S 15+75E	1	17	7	149	.3	219	17	351	3.94	<2	10	<2	<2	14	.9	<2	<2	59	.13	.062	9	287	2.27	97	.05	6	1.91	.02	.02	<2	3
8+00S 16+00E	4	24	8	121	<.3	103	11	471	4.06	7	7	<2	<2	13	.7	<2	<2	55	.11	.081	9	163	1.18	79	.06	<3	1.59	.01	.03	<2	<1
8+00S 16+25E	3	30	10	136	<.3	174	17	528	4.56	6	<5	<2	<2	11	.7	2	<2	58	.12	.095	9	247	1.88	82	.06	6	1.91	.01	.01	<2	1
8+00S 16+50E	1	61	6	72	<.3	285	17	260	3.02	5	<5	<2	<2	12	.4	<2	<2	57	.14	.038	6	327	3.83	83	.05	9	1.46	.01	.01	<2	2
STANDARD C/AU-S	19	60	37	128	7.3	72	33	1040	3.97	43	17	8	38	52	19.2	22	21	63	.50	.097	40	63	.94	183	.08	32	1.80	.06	.14	12	48

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
8+00S 16+75E	1	16	4	76	<.3	423	25	340	3.54	5	6	<2	<2	11	.6	3	<2	50	.15	.033	6	392	4.78	84	.05	12	1.52	.01	.02	<2	2
8+00S 17+00E	1	12	8	53	.6	97	9	427	2.35	3	<5	<2	<2	12	.9	4	<2	46	.11	.054	9	282	1.22	123	.02	4	1.35	.01	.04	<2	3
8+00S 17+25E	1	13	7	95	<.3	220	14	287	3.11	5	9	<2	<2	13	.6	4	3	54	.15	.052	8	286	3.29	131	.03	8	1.66	.01	.03	<2	10
8+00S 17+50E	1	16	4	94	<.3	378	27	536	3.99	3	11	<2	<2	12	1.0	3	<2	54	.14	.056	9	435	4.47	81	.04	11	1.60	.01	.04	<2	2
8+00S 17+75E	2	19	6	107	<.3	250	16	351	3.82	7	<5	<2	<2	12	.8	3	<2	50	.12	.047	8	297	2.75	101	.04	6	1.70	.01	.03	<2	16
8+00S 18+00E	1	17	5	94	<.3	416	25	411	4.17	8	8	<2	<2	13	1.0	2	<2	61	.13	.043	8	440	4.83	88	.05	12	1.63	.01	.03	<2	2
8+00S 18+25E	1	11	5	79	.6	264	15	259	3.19	5	8	<2	<2	13	.8	<2	2	56	.14	.039	8	334	3.90	114	.05	11	1.49	.01	.03	<2	3
RE 8+00S 18+25E	1	10	7	77	.5	261	15	258	3.12	4	12	<2	<2	13	.7	2	<2	55	.14	.038	7	327	3.84	112	.05	9	1.47	.01	.03	<2	1
8+00S 18+50E	1	16	4	85	<.3	401	26	391	3.68	6	10	<2	<2	12	.7	2	<2	53	.15	.045	7	369	4.39	90	.05	11	1.56	.01	.02	<2	2
8+00S 18+75E	1	13	5	86	<.3	284	17	299	2.85	8	<5	<2	<2	13	.5	4	<2	52	.16	.052	7	309	3.81	121	.04	9	1.52	.01	.03	<2	4
8+00S 19+00E	2	26	5	113	<.3	56	8	372	4.08	5	<5	<2	2	16	.8	<2	<2	50	.18	.068	11	57	.98	119	.04	<3	2.81	.01	.03	<2	3
8+00S 19+25E	2	20	5	78	.5	187	16	528	4.02	4	7	<2	<2	13	.7	5	<2	54	.12	.061	9	299	2.16	96	.04	6	1.79	.01	.02	<2	2
8+00S 19+50E	2	15	8	79	.3	85	7	267	3.31	4	<5	<2	2	11	.3	<2	<2	57	.11	.042	10	141	1.22	71	.06	3	1.93	.01	.03	<2	2
8+00S 19+75E	3	31	6	105	.4	119	11	386	4.15	7	8	<2	<2	13	.5	4	<2	66	.11	.061	11	164	1.41	76	.04	4	1.84	.01	.04	<2	1
9+00S 15+00E	2	14	7	127	<.3	195	17	511	4.18	5	<5	<2	<2	13	.8	3	<2	55	.16	.071	8	268	1.84	127	.07	8	1.29	.01	.04	<2	2
9+00S 15+25E	3	23	8	125	.3	183	20	556	4.49	6	7	<2	<2	21	1.1	2	<2	53	.27	.088	9	259	1.51	117	.04	5	1.36	.01	.05	<2	2
9+00S 15+50E	8	71	10	308	<.3	154	14	426	7.04	14	<5	<2	3	12	1.3	4	<2	57	.09	.088	12	134	1.09	87	.07	4	2.76	.01	.03	<2	4
9+00S 15+75E	5	38	9	165	<.3	103	11	478	5.18	7	<5	<2	<2	12	.8	2	<2	51	.13	.088	11	127	1.05	79	.02	3	1.79	.01	.04	<2	4
9+00S 16+00E	3	21	6	184	<.3	293	22	535	5.06	9	<5	<2	<2	13	1.0	4	<2	66	.12	.064	7	380	2.60	105	.07	9	1.65	.01	.04	<2	2
9+00S 16+25E	3	19	8	100	<.3	95	12	496	3.90	2	6	<2	<2	10	.8	<2	<2	61	.08	.061	9	217	.96	101	.03	<3	1.56	.01	.03	<2	3
9+00S 16+50E	3	24	7	117	<.3	108	9	298	4.20	3	5	<2	2	10	.6	<2	<2	55	.09	.054	9	181	1.16	87	.03	<3	1.60	.01	.03	<2	3
9+00S 16+75E	3	26	7	134	<.3	108	10	372	4.43	9	<5	<2	<2	11	.7	4	<2	59	.08	.061	10	200	1.17	96	.03	4	1.68	.01	.03	<2	4
9+00S 17+00E	1	18	4	70	.5	598	25	387	3.35	10	10	<2	2	28	.6	2	<2	45	.41	.070	9	398	4.98	53	.05	12	1.41	.01	.03	<2	4
9+00S 17+25E	1	18	4	118	.4	576	26	433	3.50	8	5	<2	<2	27	.5	2	<2	46	.37	.068	8	411	4.88	107	.04	11	1.55	.01	.03	<2	3
9+00S 17+50E	1	13	5	92	.4	308	19	363	3.36	7	6	<2	<2	19	1.0	4	<2	56	.20	.066	8	360	3.62	106	.03	8	1.56	.01	.03	<2	2
9+00S 17+75E	2	15	4	95	<.3	361	28	647	4.34	11	<5	<2	<2	16	1.0	4	<2	59	.15	.061	8	420	3.70	82	.04	9	1.68	.01	.03	<2	331
9+00S 18+00E	1	23	5	49	<.3	730	27	369	3.16	12	5	<2	2	25	.6	2	<2	44	.35	.054	11	385	4.81	64	.06	10	1.24	.01	.02	<2	7
9+00S 18+25E	1	19	4	97	.7	510	20	342	3.12	3	9	<2	3	37	.7	2	<2	43	.48	.089	11	366	4.21	70	.05	9	1.63	.01	.03	<2	4
9+00S 18+50E	1	16	5	89	.3	353	21	439	3.27	5	8	<2	<2	15	.6	2	<2	54	.16	.041	9	320	3.14	103	.05	6	1.64	.01	.02	<2	2
9+00S 18+75E	3	57	6	150	3.0	333	15	559	4.06	6	<5	<2	<2	44	1.0	4	<2	57	.51	.130	45	279	1.58	165	.06	4	2.91	.01	.05	<2	4
9+00S 19+00E	2	24	7	111	.3	73	8	399	4.11	2	5	<2	2	12	.6	3	<2	50	.13	.090	11	110	1.02	97	.03	3	2.69	.01	.03	<2	36
9+00S 19+25E	1	17	5	76	<.3	359	21	355	3.66	24	8	<2	<2	16	.6	4	<2	55	.23	.074	8	361	3.61	84	.03	7	1.45	.01	.03	<2	6
9+00S 19+50E	1	23	7	106	.4	301	17	267	3.29	5	<5	<2	<2	14	.6	4	<2	46	.20	.064	10	240	2.27	91	.03	5	1.97	.01	.02	<2	3
9+00S 19+75E	1	11	7	53	.4	51	5	216	1.85	3	<5	<2	<2	16	.2	3	<2	48	.22	.046	9	115	.76	117	.03	<3	1.28	.01	.04	<2	2
10+00S 15+00E	1	10	5	83	.4	172	14	357	3.33	3	<5	<2	<2	12	.8	3	<2	51	.16	.048	7	243	1.79	112	.04	5	1.17	.01	.04	<2	2
10+00S 15+25E	1	10	7	72	<.3	132	14	390	2.55	<2	<5	<2	<2	12	.6	2	<2	40	.14	.059	8	244	1.56	115	.02	4	1.03	.01	.05	<2	18
STANDARD C/AU-S	19	59	37	127	7.2	73	32	1161	3.93	42	18	8	40	52	18.8	20	20	62	.49	.096	42	62	.94	189	.08	29	1.78	.06	.14	12	51

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
10+00S 15+50E	1	12	6	70	<.3	112	11	391	2.46	2	<5	<2	<2	16	1.0	3	4	38	.21	.071	7	242	1.16	140	.02	5	1.03	.01	.04	<2	25
10+00S 15+75E	1	11	7	75	<.3	141	16	481	2.93	4	<5	<2	<2	14	.9	4	2	49	.21	.052	7	260	1.42	120	.05	5	.99	.01	.05	<2	92
10+00S 16+00E	3	30	8	164	.7	257	30	1197	3.82	7	<5	<2	<2	50	2.9	3	2	54	.63	.136	17	320	1.56	111	.03	6	1.78	.01	.06	<2	6
10+00S 16+25E	2	18	7	95	.4	205	16	448	4.56	6	<5	<2	<2	12	.7	5	4	62	.11	.104	9	346	1.90	121	.04	7	1.49	.01	.03	<2	4
10+00S 16+50E	1	16	6	127	.4	277	21	449	5.31	8	<5	<2	<2	13	.7	5	<2	73	.14	.071	8	361	2.81	96	.06	9	1.63	.01	.02	<2	<1
10+00S 16+75E	2	16	8	94	<.3	217	16	370	4.26	5	<5	<2	<2	14	.7	4	2	66	.13	.053	8	316	2.43	126	.07	8	1.49	.01	.02	<2	7
RE 10+00S 16+75E	2	16	8	93	<.3	217	16	366	4.25	8	<5	<2	<2	14	.8	3	3	66	.13	.053	9	314	2.42	126	.07	7	1.48	.01	.03	<2	1
10+00S 17+00E	2	26	5	145	.3	198	20	629	4.76	6	6	<2	<2	27	.9	2	<2	55	.31	.109	8	287	1.80	91	.02	5	1.58	.01	.04	<2	4
10+00S 17+25E	2	24	7	98	<.3	56	7	296	3.88	4	<5	<2	<2	17	.7	3	<2	56	.19	.059	13	96	.69	62	.06	3	1.58	.01	.01	<2	2
10+00S 17+50E	2	20	6	154	<.3	161	13	449	3.89	6	<5	<2	<2	23	1.0	4	2	52	.27	.083	8	229	1.84	96	.03	6	1.74	.01	.03	<2	2
10+00S 17+75E	1	14	6	106	.5	256	18	379	3.99	7	<5	<2	<2	17	.6	3	<2	63	.17	.045	9	340	2.60	94	.07	7	1.63	.01	.02	<2	15
10+00S 18+00E	1	17	5	65	<.3	339	21	378	3.90	10	<5	<2	<2	15	.6	5	<2	61	.16	.038	9	357	3.24	94	.06	8	1.63	.01	.01	<2	4
10+00S 18+25E	1	18	4	84	.4	313	23	469	4.48	10	<5	<2	<2	13	.6	5	2	67	.13	.048	9	406	2.92	90	.06	7	1.68	.01	.01	<2	3
10+00S 18+50E	1	18	5	73	<.3	405	31	518	3.68	9	<5	<2	<2	15	.7	4	<2	55	.18	.041	9	353	3.65	72	.06	8	1.50	.01	.01	<2	5
10+00S 18+75E	1	20	4	90	<.3	407	27	456	4.49	11	<5	<2	<2	16	.5	5	3	68	.20	.050	9	414	3.61	113	.06	10	1.65	.01	.01	<2	13
10+00S 19+00E	3	27	8	132	<.3	116	15	713	5.14	2	<5	<2	<2	11	.6	3	3	55	.12	.108	12	205	1.20	102	.02	3	1.98	.01	.03	<2	1
10+00S 19+25E	1	15	4	73	<.3	306	20	349	3.73	10	<5	<2	<2	14	.4	6	<2	59	.15	.043	9	379	3.17	80	.07	9	1.55	.01	.02	<2	1
10+00S 19+50E	1	24	4	87	.4	480	28	483	3.51	6	<5	<2	<2	14	.5	6	2	53	.18	.037	10	365	3.76	70	.07	9	1.73	.01	.02	<2	4
10+00S 19+75E	1	24	5	73	<.3	336	21	405	3.75	9	<5	<2	<2	13	.6	3	2	55	.18	.049	9	314	3.13	74	.06	7	1.45	.01	.02	<2	5
STANDARD C/AU-S	19	59	35	122	6.9	70	31	1075	3.87	45	18	8	39	51	18.1	19	20	61	.47	.091	40	65	.91	178	.07	29	1.74	.06	.12	12	52

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
3+00S 0+25E	3	62	8	116	<.3	138	19	800	3.83	24	<5	<2	3	32	.8	2	<2	61	.37	.060	16	208	1.20	93	.11	12	1.66	.02	.06	<2	5
3+00S 0+50E	1	47	7	134	<.3	83	17	801	3.97	12	<5	<2	2	35	1.4	<2	<2	69	.36	.096	14	93	1.14	97	.11	11	2.66	.02	.10	<2	2
3+00S 0+75E	3	50	9	122	<.3	88	18	819	4.05	14	<5	<2	3	36	1.0	3	<2	61	.42	.061	13	124	1.21	94	.12	12	1.78	.02	.07	2	2
3+00S 1+00E	5	72	7	166	.3	74	12	628	3.99	9	<5	<2	2	30	1.2	<2	<2	54	.32	.064	12	90	1.04	103	.08	11	1.97	.02	.07	<2	3
3+00S 1+25E	14	145	20	392	<.3	90	28	1350	6.61	14	5	<2	4	17	2.9	<2	<2	43	.16	.081	14	70	.84	79	.06	8	2.28	.01	.09	<2	14
3+00S 1+50E	8	99	14	296	.4	56	11	556	6.17	5	<5	<2	2	16	1.6	<2	<2	54	.11	.144	13	47	.67	133	.04	10	1.85	.01	.07	<2	5
3+00S 1+75E	35	167	17	567	.7	109	23	2010	7.37	<2	<5	<2	2	13	3.3	<2	<2	24	.10	.123	15	43	.31	66	.02	9	1.44	.01	.07	<2	8
3+00S 2+00E	5	42	11	156	.3	35	8	486	4.42	5	7	<2	2	14	1.0	<2	<2	53	.13	.164	11	46	.55	84	.03	9	1.76	.01	.07	<2	5
3+00S 2+25E	2	48	7	87	<.3	76	13	585	3.40	12	<5	<2	3	31	.7	<2	<2	58	.35	.068	15	112	.97	96	.12	10	1.59	.01	.06	<2	2
3+00S 2+50E	1	45	8	89	<.3	70	13	592	3.52	11	<5	<2	3	45	.8	<2	<2	61	.46	.067	15	99	1.03	112	.11	10	1.62	.02	.07	<2	1
3+00S 2+75E	14	128	20	231	.7	91	18	969	7.54	14	<5	<2	3	17	2.0	<2	<2	54	.12	.126	13	88	.95	96	.05	9	2.76	.01	.06	<2	19
3+00S 3+00E	13	51	25	102	.4	20	4	330	6.53	12	7	<2	3	13	1.1	<2	<2	91	.06	.146	17	49	.43	82	.09	7	1.39	.01	.07	<2	11
3+00S 3+25E	7	75	16	208	<.3	170	24	791	6.87	12	<5	<2	2	16	1.6	<2	<2	72	.12	.120	12	245	1.71	104	.08	7	2.19	.01	.08	<2	3
3+00S 3+50E	6	61	13	147	<.3	162	17	631	6.78	12	<5	<2	4	28	1.4	<2	<2	68	.20	.154	18	280	2.10	116	.07	8	2.92	.02	.09	2	3
3+00S 3+75E	3	74	8	153	<.3	750	67	707	6.67	42	<5	<2	2	13	1.4	<2	<2	75	.19	.063	9	467	2.97	110	.17	9	2.74	.01	.10	2	2
3+00S 4+00E	2	22	10	61	<.3	38	9	904	2.76	4	<5	<2	2	7	.3	<2	3	28	.04	.046	6	63	.87	36	.09	8	1.07	<.01	.14	<2	<1
3+00S 4+25E	<1	100	<3	163	.3	1271	67	1103	7.60	52	<5	<2	<2	45	1.5	<2	<2	80	1.06	.060	9	245	5.78	61	.15	8	5.60	.01	.06	2	2
3+00S 4+50E	1	18	5	145	<.3	146	32	609	8.39	24	<5	<2	<2	15	1.3	<2	<2	247	.37	.129	4	209	3.31	121	.45	5	4.09	.01	.07	<2	2
RE 3+00S 4+50E	1	19	3	147	<.3	146	32	622	8.53	28	<5	<2	<2	15	1.5	<2	<2	252	.37	.131	4	212	3.37	123	.45	4	4.15	.01	.07	2	1
3+00S 4+75E	1	18	62	214	<.3	2338	143	1113	6.88	11	<5	<2	<2	6	1.5	<2	<2	38	.09	.032	3	1545	16.27	38	.05	88	.89	<.01	.02	<2	<1
3+00S 5+00E	1	12	<3	62	<.3	1438	82	563	5.31	16	<5	<2	<2	5	1.1	2	<2	60	.31	.014	3	1411	9.57	33	.07	30	2.85	.01	.02	<2	1
3+00S 5+25E	<1	11	<3	93	<.3	1270	101	821	6.89	8	<5	<2	<2	5	1.1	2	<2	43	.13	.028	3	1170	10.41	46	.03	58	1.21	.01	.01	<2	2
3+00S 5+50E	1	13	<3	37	<.3	2138	129	842	5.34	6	<5	<2	<2	5	.9	3	<2	37	.07	.031	3	1230	15.72	31	.03	73	1.14	<.01	.01	<2	51
3+00S 5+75E	1	13	6	172	<.3	1443	125	749	6.06	<2	<5	<2	<2	6	.9	5	<2	44	.07	.035	5	1113	12.66	48	.05	62	1.41	.01	.01	<2	2
3+00S 6+00E	1	69	10	52	<.3	1809	123	1057	5.20	75	<5	<2	2	8	.8	<2	<2	50	.10	.029	5	923	10.58	50	.06	45	1.60	.01	.05	<2	1
3+00S 6+25E	1	51	6	54	<.3	1467	120	1172	4.67	74	<5	<2	<2	18	1.3	5	<2	47	.33	.031	8	776	9.03	66	.05	46	1.53	.01	.05	3	3
3+00S 6+50E	1	90	11	88	<.3	2255	86	1133	4.71	122	<5	<2	<2	26	1.0	5	<2	53	.60	.045	13	753	8.06	79	.07	35	1.78	.01	.06	4	3
3+00S 6+75E	1	46	9	182	<.3	1602	66	3003	8.71	<2	<5	<2	<2	10	.8	<2	<2	163	.12	.084	6	716	5.31	100	.10	18	2.84	.01	.03	<2	<1
3+00S 7+00E	<1	29	<3	47	<.3	2271	137	1040	4.49	36	<5	<2	<2	7	.6	4	<2	37	.12	.034	4	950	14.84	47	.05	64	1.14	.01	.02	<2	1
3+00S 7+25E	1	142	8	112	.5	1876	115	2768	4.28	203	<5	<2	<2	87	1.6	<2	<2	64	1.54	.134	9	481	2.45	215	.07	13	1.80	.01	.07	6	1
3+00S 7+50E	<1	20	<3	125	<.3	1107	79	1155	7.08	52	<5	<2	<2	23	.4	<2	<2	57	.42	.130	5	1014	7.75	85	.10	34	1.50	.01	.02	2	<1
3+00S 7+75E	1	18	4	34	<.3	2082	164	1015	4.32	18	<5	<2	<2	8	.2	<2	<2	40	.17	.068	3	858	17.07	43	.03	52	1.06	.01	.01	<2	170
3+00S 8+00E	<1	22	<3	31	<.3	3422	170	882	3.62	20	<5	<2	<2	5	.2	6	<2	28	.12	.035	2	914	20.13	23	.02	65	.79	<.01	.01	2	7
3+00S 8+25E	<1	19	<3	36	<.3	2094	136	907	4.71	14	<5	<2	<2	5	<.2	<2	2	39	.10	.024	2	877	15.67	22	.04	49	1.11	<.01	.01	<2	9
3+00S 8+50E	<1	37	3	31	.3	2422	195	1182	4.86	88	<5	<2	<2	15	<.2	4	<2	44	.33	.025	6	1028	16.80	105	.04	58	1.12	<.01	.02	2	12
STANDARD C/AU-S	19	58	37	122	6.9	65	30	1000	3.91	42	19	7	35	50	20.0	18	22	59	.46	.092	42	63	.86	176	.07	34	1.80	.06	.15	10	48

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
 AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
3+00S 8+75E	<1	13	<3	31	.4	1979	217	1468	6.43	80	<5	<2	<2	14	<.2	10	2	53	.21	.033	2	916	13.28	177	.02	43	.81	.01	<.01	2	3
3+00S 9+00E	<1	47	<3	37	.3	2042	121	656	3.99	99	<5	<2	<2	20	<.2	9	2	41	.38	.029	5	782	13.25	126	.05	39	1.42	.01	.05	<2	7
3+00S 9+25E	<1	9	<3	36	.3	1477	84	428	6.26	83	<5	<2	<2	11	<.2	11	<2	46	.18	.024	3	1024	11.56	62	.07	31	.95	.01	<.01	2	2
3+00S 9+50E	<1	6	<3	59	.3	960	130	1380	7.36	89	<5	<2	<2	6	<.2	6	<2	58	.07	.066	3	1001	8.53	49	.04	28	.86	.01	.02	<2	2
3+00S 10+00E	<1	158	<3	78	.5	2132	117	1513	4.26	107	<5	<2	<2	75	.4	7	<2	76	1.90	.099	14	942	5.13	413	.03	16	2.70	.01	.16	<2	4
3+00S 10+25E	<1	267	6	56	.4	2155	181	2155	4.53	105	<5	<2	<2	57	.6	12	<2	64	1.26	.037	13	832	6.38	407	.05	14	1.72	.02	.11	2	4
3+00S 10+50E	<1	66	<3	52	<.3	1605	148	998	8.16	82	<5	<2	<2	26	.4	9	<2	66	.56	.032	5	1292	9.63	147	.06	45	1.07	.01	.03	2	7
3+00S 10+75E	<1	64	<3	145	<.3	924	87	1580	7.51	50	<5	<2	<2	85	<.2	5	<2	101	.88	.023	6	334	5.42	129	.14	9	4.75	.01	.03	3	56
3+00S 11+00E	<1	100	<3	90	<.3	777	63	875	5.71	29	<5	<2	<2	31	<.2	<2	<2	68	1.07	.040	6	459	4.34	177	.36	4	3.92	.01	.18	<2	3
3+00S 11+25E	<1	105	<3	85	<.3	579	57	917	5.74	32	<5	<2	<2	24	<.2	5	<2	68	.90	.050	5	486	4.27	169	.36	5	3.83	.02	.37	2	3
3+00S 11+50E	<1	101	<3	164	<.3	689	50	1041	8.24	7	<5	<2	3	33	<.2	<2	<2	195	.72	.028	9	428	6.04	503	.48	<3	6.45	.01	.93	<2	1
3+00S 11+75E	<1	19	<3	80	<.3	1586	93	664	4.41	8	<5	<2	<2	9	<.2	9	2	56	.25	.065	2	1555	12.70	35	.02	12	1.63	<.01	.02	<2	1
3+00S 12+00E	<1	11	<3	39	.3	1007	159	2690	8.87	30	<5	<2	<2	3	<.2	8	5	53	.06	.063	2	2504	7.06	38	.01	6	1.28	.01	<.01	<2	2
3+00S 12+25E	<1	5	<3	19	<.3	1181	126	1013	3.14	16	<5	<2	<2	3	<.2	5	2	74	.05	.015	1	1467	6.50	13	<.01	5	1.83	<.01	<.01	<2	<1
3+00S 12+50E	1	19	<3	32	.3	2359	167	3638	5.28	138	<5	<2	<2	24	<.2	7	<2	47	.35	.060	2	800	11.15	96	.02	10	.86	.01	<.01	<2	1
3+00S 12+75E	<1	6	<3	24	<.3	810	72	1032	4.98	6	<5	<2	<2	5	<.2	9	2	130	.13	.019	<1	1079	7.63	19	.01	8	1.26	<.01	<.01	2	1
3+00S 13+00E	1	29	<3	32	.3	997	71	923	4.73	296	<5	<2	<2	38	<.2	4	<2	108	.51	.043	5	1093	6.94	46	.01	9	1.38	<.01	<.01	<2	1
3+00S 13+25E	16	68	6	128	.5	834	28	822	5.45	638	<5	<2	<2	75	<.2	4	<2	57	.84	.075	14	336	1.77	85	.07	6	2.01	.01	.13	<2	4
3+00S 13+50E	5	40	7	159	.6	633	28	668	5.24	1077	<5	<2	<2	98	.3	10	<2	82	1.18	.085	8	506	1.71	93	.05	7	2.21	.01	.04	2	2
3+00S 19+75E	5	38	5	160	.3	108	11	678	5.97	27	<5	<2	<2	13	<.2	3	<2	59	.13	.077	8	115	1.41	72	.10	6	2.86	.01	.02	<2	3
3+00S 20+00E	3	42	6	132	.3	184	23	933	4.65	15	<5	<2	<2	16	.3	5	<2	52	.20	.083	9	154	1.74	72	.07	7	2.39	.01	.03	<2	3
3+00S 20+25E	3	30	5	116	<.3	115	14	655	3.76	11	<5	<2	<2	21	.4	5	<2	61	.23	.076	9	104	1.23	82	.07	7	2.19	.01	.03	2	2
3+00S 20+50E	3	25	10	105	<.3	136	25	1338	5.22	8	<5	<2	<2	12	<.2	2	<2	57	.13	.081	6	186	1.77	72	.10	8	1.71	.01	.04	<2	1
3+00S 20+75E	7	42	6	188	<.3	125	20	1085	5.05	21	<5	<2	<2	22	.2	7	<2	53	.28	.089	11	105	1.05	101	.14	7	2.14	.01	.05	<2	1
3+00S 21+00E	3	32	7	129	.7	151	17	776	5.24	16	<5	<2	<2	15	<.2	6	<2	64	.16	.083	8	180	1.80	72	.09	9	2.20	.01	.04	<2	2
3+00S 21+25E	3	42	9	213	.5	124	18	771	4.64	38	<5	<2	<2	17	<.2	2	<2	54	.17	.064	10	118	1.16	91	.09	6	2.52	.01	.03	<2	3
3+00S 21+50E	3	33	7	117	.5	186	16	765	4.03	11	<5	<2	<2	16	<.2	6	<2	50	.19	.097	9	141	1.60	65	.07	7	2.52	.01	.03	2	3
RE 3+00S 21+50E	3	33	7	119	.5	194	17	788	4.09	5	<5	<2	<2	16	<.2	<2	<2	50	.19	.099	9	142	1.63	65	.07	7	2.68	.01	.03	<2	2
3+00S 21+75E	5	36	4	154	.6	202	19	599	4.13	13	<5	<2	<2	32	.3	3	<2	49	.30	.079	14	152	1.41	114	.05	9	2.51	.01	.05	<2	1
3+00S 22+00E	2	25	5	151	<.3	140	16	732	3.80	12	<5	<2	<2	44	<.2	<2	<2	50	.51	.091	14	166	1.66	87	.07	7	1.84	.01	.06	<2	2
3+00S 22+25E	1	18	6	109	<.3	89	10	450	3.49	9	<5	<2	<2	44	<.2	2	<2	56	.48	.054	9	122	1.35	73	.08	5	2.00	.01	.03	<2	1
3+00S 22+50E	3	33	7	138	<.3	239	23	877	4.13	9	<5	<2	<2	22	.2	4	<2	55	.28	.069	10	147	1.79	81	.09	6	2.16	.01	.04	<2	2
3+00S 22+75E	3	25	7	106	<.3	90	11	736	5.57	11	<5	<2	<2	16	<.2	7	<2	78	.11	.063	7	126	1.13	80	.12	6	2.18	.01	.03	2	1
4+00S 19+75E	2	25	5	103	.5	230	18	648	4.39	6	<5	<2	<2	15	.3	3	<2	59	.19	.077	7	232	2.74	71	.07	7	2.02	.01	.03	<2	1
4+00S 20+00E	2	23	4	97	<.3	160	12	559	4.71	5	<5	<2	<2	13	.3	4	<2	67	.12	.065	7	210	2.02	71	.13	6	1.92	.01	.02	<2	1
STANDARD C/AU-S	18	58	45	132	7.2	74	31	1112	3.90	42	18	7	38	52	16.4	16	21	58	.50	.093	38	59	.93	187	.09	30	1.84	.06	.14	10	46

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
 AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4+00S 20+25E	3	28	12	108	<.3	72	12	513	4.53	4	<5	<2	<2	13	.6	3	<2	60	.12	.077	10	120	1.02	65	.04	5	2.00	.01	.03	<2	1
4+00S 20+50E	4	42	9	148	<.3	70	17	728	4.64	10	<5	<2	<2	17	1.1	3	<2	48	.22	.102	11	79	1.02	67	.09	6	3.10	.01	.03	<2	3
4+00S 20+75E	4	41	10	180	<.3	81	18	907	4.61	16	<5	<2	<2	29	1.3	5	<2	48	.33	.080	8	79	1.12	77	.09	4	2.08	.01	.05	<2	100
4+00S 21+00E	2	28	10	107	<.3	105	14	529	4.28	6	<5	<2	<2	14	1.1	3	<2	52	.16	.068	11	109	1.26	54	.06	6	2.23	.01	.03	<2	2
4+00S 21+25E	2	19	10	90	<.3	139	10	280	3.11	6	<5	<2	<2	15	.7	6	<2	45	.16	.072	9	174	1.85	67	.04	8	1.64	.01	.03	2	2
4+00S 21+50E	3	27	13	111	.4	68	9	542	4.20	13	<5	<2	<2	16	.7	3	<2	55	.16	.111	7	105	.86	70	.07	4	1.98	.01	.05	<2	1
4+00S 21+75E	2	36	12	137	<.3	55	10	381	4.01	14	<5	<2	<2	18	1.1	2	<2	50	.21	.084	12	65	.69	70	.08	4	2.86	.01	.04	<2	3
4+00S 22+00E	3	46	11	124	<.3	133	19	601	4.06	12	<5	<2	2	17	1.0	5	<2	59	.20	.065	12	86	1.17	66	.08	5	2.42	.01	.04	<2	2
4+00S 22+25E	2	19	10	65	<.3	38	5	281	2.89	7	<5	<2	<2	13	.6	5	<2	54	.11	.078	9	88	.63	62	.07	3	1.66	.01	.03	2	1
4+00S 22+50E	3	40	10	141	.3	150	20	662	4.88	9	<5	<2	<2	20	1.1	3	<2	64	.24	.080	10	117	1.24	79	.09	6	2.81	.01	.04	<2	10
4+00S 22+75E	2	30	11	88	<.3	99	12	432	4.75	11	<5	<2	<2	16	.7	3	<2	70	.18	.069	7	112	1.06	66	.08	6	2.22	.01	.02	2	1
5+00S 0+25E	3	57	7	113	<.3	154	20	554	3.64	25	<5	<2	2	20	.8	3	<2	58	.27	.052	14	252	1.27	53	.11	5	1.44	.01	.02	<2	4
5+00S 0+50E	3	61	9	118	<.3	166	22	608	3.70	28	<5	<2	2	20	1.1	3	<2	59	.28	.053	15	260	1.34	49	.11	5	1.48	.01	.03	<2	5
5+00S 0+75E	4	75	9	144	<.3	187	24	706	4.01	28	<5	<2	2	24	1.1	3	<2	61	.29	.059	17	235	1.36	62	.12	4	1.57	.01	.04	<2	4
5+00S 1+00E	2	42	11	104	<.3	125	20	614	3.88	21	<5	<2	<2	19	.8	4	<2	67	.26	.055	13	175	1.30	54	.14	5	1.91	.01	.05	<2	4
5+00S 1+25E	3	48	9	134	<.3	117	15	402	3.53	15	<5	<2	2	14	1.2	5	<2	58	.17	.039	11	169	1.17	110	.09	4	2.01	.01	.03	<2	4
5+00S 1+50E	2	54	9	170	<.3	104	14	318	3.64	15	<5	<2	2	18	1.5	4	<2	62	.25	.038	9	106	.95	116	.12	5	2.00	.01	.03	<2	2
5+00S 1+75E	6	41	15	137	1.3	43	7	368	3.78	3	<5	<2	2	7	.6	3	<2	41	.06	.117	14	46	.46	79	.04	3	1.24	.01	.04	<2	3
5+00S 2+00E	8	114	21	280	2.4	104	9	319	5.85	13	<5	<2	2	36	.9	7	<2	46	.42	.099	25	62	1.03	162	.05	5	2.13	.01	.06	<2	8
5+00S 2+25E	3	129	11	312	.9	127	15	1263	3.91	<2	<5	<2	<2	35	.8	<2	<2	37	.43	.058	28	50	1.90	142	.03	6	2.96	.01	.09	<2	2
5+00S 2+50E	2	122	12	107	.3	97	14	398	2.99	6	<5	<2	2	30	.5	4	<2	62	.42	.019	36	76	.89	82	.17	5	1.53	.01	.04	<2	2
5+00S 2+75E	2	50	11	91	<.3	73	11	403	3.41	6	<5	<2	3	19	.4	3	<2	55	.26	.059	15	71	1.07	104	.13	4	1.87	.01	.06	<2	1
5+00S 3+00E	1	5	7	23	<.3	9	1	99	.98	<2	<5	<2	<2	12	<.2	<2	<2	45	.14	.014	14	34	.19	59	.10	<3	1.21	.01	.01	<2	1
RE 5+00S 3+00E	1	6	7	22	<.3	9	1	98	.97	<2	<5	<2	<2	12	<.2	<2	<2	44	.14	.014	13	31	.19	57	.09	3	1.18	.01	.02	<2	<1
5+00S 3+25E	3	31	12	84	.4	46	8	502	4.75	8	<5	<2	2	15	.4	3	<2	82	.18	.092	11	71	.83	100	.13	5	2.10	.01	.05	<2	1
5+00S 3+50E	9	105	21	165	<.3	69	15	411	4.78	4	<5	<2	6	11	.8	3	<2	43	.08	.044	24	58	1.17	160	.02	5	2.91	.01	.08	<2	3
5+00S 3+75E	1	24	9	72	<.3	51	8	294	3.35	7	<5	<2	<2	18	.6	4	<2	51	.27	.057	8	67	.67	70	.10	4	2.19	.01	.02	<2	2
5+00S 4+00E	6	401	13	222	1.8	707	20	4500	4.32	29	19	<2	<2	99	4.3	<2	<2	66	1.14	.177	67	167	1.06	183	.04	4	3.58	.01	.11	<2	3
5+00S 4+25E	1	28	9	108	<.3	1054	61	1003	6.54	21	<5	<2	<2	5	.2	6	<2	78	.08	.039	7	700	4.58	71	.11	17	1.94	<.01	.03	<2	2
5+00S 4+50E	1	32	8	64	<.3	985	54	419	3.67	17	<5	<2	<2	4	.2	3	<2	42	.07	.021	4	550	5.41	74	.06	18	1.49	<.01	.03	2	1
5+00S 4+75E	1	83	8	232	.3	1815	42	1286	8.70	53	<5	<2	<2	54	.8	6	<2	150	1.01	.156	12	137	2.45	206	.48	8	4.46	.01	1.25	<2	2
5+00S 4+75E SILT	<1	81	7	210	<.3	2012	34	928	7.78	26	<5	<2	<2	52	.5	<2	<2	129	.97	.144	12	111	2.41	178	.46	13	4.08	.01	1.20	<2	1
5+00S 5+00E	<1	45	6	120	.4	540	42	751	7.02	4	<5	<2	<2	18	.2	5	<2	97	.64	.051	5	352	3.06	63	.64	11	3.88	.01	1.12	2	1
5+00S 5+25E	<1	12	7	165	<.3	1641	156	1104	6.88	6	<5	<2	<2	3	<.2	4	<2	52	.11	.059	2	1071	13.55	34	.07	65	1.29	<.01	.01	<2	4
5+00S 5+50E	<1	19	7	49	<.3	2121	103	705	5.13	10	<5	<2	<2	3	<.2	5	2	49	.16	.031	5	946	13.66	34	.10	61	1.33	<.01	.03	2	81
5+00S 5+75E	3	26	10	110	<.3	430	40	407	4.99	2	<5	<2	<2	11	<.2	2	<2	73	.29	.038	7	493	3.61	38	.15	20	1.51	.01	.03	2	160
STANDARD C/AU-S	18	63	36	127	7.4	71	31	1030	3.89	43	20	7	42	57	16.8	17	19	64	.49	.093	44	60	.89	184	.09	33	1.91	.06	.14	11	48

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
 AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5+00S 6+00E	<1	42	<3	135	<.3	182	37	996	6.39	10	<5	<2	<2	8	.4	12	<2	76	.51	.067	2	293	2.19	27	.60	3	3.87	.01	.49	<2	2
5+00S 6+25E	1	129	4	179	<.3	163	49	977	7.70	7	<5	<2	<2	6	<.2	11	2	91	.35	.147	1	125	2.23	32	.46	<3	3.96	.01	.22	<2	1
5+00S 6+50E	1	36	7	72	<.3	1626	88	1163	4.41	47	<5	<2	<2	7	.3	13	<2	45	.25	.036	8	648	7.58	34	.08	32	1.42	.01	.05	<2	3
5+00S 6+75E	1	69	6	73	<.3	658	76	1249	2.56	42	<5	<2	<2	11	.6	6	<2	42	.36	.035	5	252	2.66	44	.05	8	1.03	.01	.04	3	4
5+00S 7+00E	2	132	10	159	<.3	1979	91	2472	6.50	317	<5	<2	<2	13	.7	14	<2	87	.31	.068	17	425	3.20	97	.15	13	2.93	.01	.05	10	2
5+00S 7+25E	1	123	<3	156	<.3	198	44	981	8.50	<2	<5	<2	<2	10	<.2	5	<2	82	.54	.186	5	162	2.56	164	.46	<3	5.04	.01	.68	<2	1
5+00S 7+50E	1	118	4	32	.3	1630	24	567	1.62	77	<5	<2	<2	124	.4	6	<2	16	2.81	.118	9	412	2.02	133	.02	32	1.81	.01	.04	2	4
5+00S 7+75E	1	21	6	55	<.3	521	35	648	3.22	17	<5	<2	<2	23	.3	6	2	52	.42	.058	8	211	2.25	53	.13	10	1.15	.01	.03	<2	3
5+00S 8+00E	<1	10	3	57	<.3	1324	123	1122	7.44	18	<5	<2	<2	10	<.2	13	<2	58	.13	.037	5	1023	8.75	69	.08	37	1.39	.01	<.01	<2	6
5+00S 8+25E	<1	5	<3	72	<.3	1282	120	905	7.77	4	<5	<2	<2	4	<.2	9	<2	52	.10	.032	3	1011	10.19	17	.04	48	1.03	<.01	<.01	<2	5
5+00S 8+50E	<1	9	4	113	<.3	1358	121	832	7.12	11	<5	<2	<2	4	<.2	13	<2	51	.05	.039	3	1068	11.60	23	.04	49	1.15	<.01	<.01	<2	36
RE 5+00S 19+75E	3	30	11	114	<.3	130	15	597	4.50	10	<5	<2	<2	12	.4	8	2	53	.14	.062	10	141	1.44	69	.06	6	2.48	.01	.02	<2	3
5+00S 8+75E	<1	62	5	42	.3	2069	203	1716	5.40	83	7	<2	<2	15	<.2	16	<2	38	.25	.047	10	569	9.57	62	.07	32	1.11	.01	.03	<2	70
5+00S 9+00E	1	576	6	46	.7	4332	277	4002	4.34	108	<5	<2	<2	36	.7	16	<2	31	.89	.092	11	624	6.72	149	.03	29	1.48	.01	.05	2	19
5+00S 9+50E	<1	63	<3	39	<.3	3482	271	1690	4.86	103	<5	<2	<2	14	<.2	12	<2	35	.26	.044	7	752	12.21	77	.03	53	1.41	.01	.04	<2	67
5+00S 9+75E	<1	21	3	38	.5	1821	144	1678	10.54	89	8	<2	<2	9	<.2	10	<2	37	.07	.020	4	1059	6.21	56	.02	39	.54	.01	.01	<2	74
5+00S 10+00E	<1	440	8	54	.3	3252	158	1751	4.77	139	<5	<2	<2	57	.8	9	<2	58	1.20	.043	29	885	4.06	300	.05	15	1.92	.01	.10	<2	8
5+00S 19+75E	3	32	8	113	<.3	112	14	528	4.54	12	<5	<2	<2	12	1.1	4	<2	53	.13	.059	10	140	1.23	76	.06	4	2.60	.01	.03	<2	3
5+00S 20+00E	4	40	6	128	<.3	65	9	493	4.53	15	<5	<2	<2	15	1.0	3	<2	53	.17	.085	9	98	.87	89	.08	4	2.89	.01	.05	<2	4
5+00S 20+25E	3	32	8	124	<.3	97	13	606	4.19	8	<5	<2	<2	15	1.0	5	<2	52	.18	.069	11	106	.99	79	.06	<3	1.93	.01	.04	<2	4
5+00S 20+50E	3	31	6	111	<.3	94	11	515	5.10	9	<5	<2	<2	13	.8	5	<2	62	.13	.073	10	160	1.12	77	.06	4	2.32	.01	.03	<2	4
5+00S 20+75E	3	28	6	96	.3	78	10	573	4.72	7	<5	<2	<2	13	1.1	5	<2	66	.12	.074	10	171	.92	86	.06	3	2.53	.01	.03	<2	2
5+00S 21+00E	3	25	9	97	<.3	65	8	447	4.78	<2	<5	<2	<2	10	.8	4	<2	54	.10	.105	10	110	1.05	49	.05	3	2.43	.01	.03	<2	2
5+00S 21+25E	3	31	7	109	<.3	120	12	561	4.40	5	<5	<2	<2	12	.8	7	<2	49	.16	.114	10	129	1.45	67	.05	5	3.13	.01	.03	<2	2
5+00S 21+50E	3	19	7	59	.4	36	6	553	2.87	<2	<5	<2	<2	11	.8	2	2	43	.07	.081	8	117	.52	89	.04	<3	1.80	.01	.04	<2	2
5+00S 21+75E	7	39	9	128	<.3	79	11	622	4.81	12	<5	<2	<2	14	.8	6	<2	51	.14	.070	10	84	.93	73	.06	6	2.03	.01	.03	<2	3
5+00S 22+00E	3	31	6	109	.5	64	10	647	3.69	7	<5	<2	<2	13	.8	4	<2	45	.14	.079	10	67	.80	69	.04	4	2.65	.01	.03	<2	2
5+00S 22+25E	3	35	7	106	<.3	69	14	811	3.95	6	<5	<2	<2	13	.8	5	<2	48	.13	.088	12	73	.90	72	.05	3	2.54	.01	.03	<2	5
5+00S 22+50E	2	28	6	92	<.3	61	10	549	3.86	7	<5	<2	<2	13	.7	4	<2	58	.14	.062	9	80	.84	68	.06	3	2.59	.01	.03	<2	5
5+00S 22+75E	2	40	8	99	.3	96	16	778	4.16	11	<5	<2	<2	16	.6	6	<2	65	.20	.072	10	99	1.10	75	.09	4	2.26	.01	.04	<2	2
6+00S 19+75E	3	26	6	120	<.3	113	18	926	4.46	4	<5	<2	<2	13	.6	4	<2	50	.15	.073	11	151	1.17	73	.05	4	2.08	.01	.03	<2	3
6+00S 20+00E	3	33	10	117	<.3	55	10	648	4.19	15	<5	<2	<2	18	.4	4	<2	56	.22	.086	14	71	.71	77	.09	4	1.93	.01	.03	<2	4
6+00S 20+25E	3	32	7	130	.3	161	8	359	3.19	10	<5	<2	<2	28	.5	4	<2	43	.33	.080	13	124	.98	91	.05	4	2.30	.01	.04	<2	2
6+00S 20+50E	3	43	8	115	.3	153	14	752	3.82	10	<5	<2	<2	45	.6	3	<2	50	.52	.085	22	131	1.27	107	.08	4	1.81	.01	.05	<2	2
6+00S 20+75E	2	21	6	108	<.3	51	6	325	2.86	2	<5	<2	<2	19	.2	2	<2	39	.27	.079	17	52	.76	77	.06	5	1.99	.01	.03	<2	5
STANDARD C/AU-S	18	59	33	119	6.7	65	29	1025	3.89	42	17	7	36	49	17.8	19	18	59	.45	.088	43	64	.82	184	.07	29	1.87	.06	.14	9	47

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
 AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
6+00S 21+00E	2	25	9	106	.8	84	11	657	4.99	13	<5	<2	<2	13	<.2	2	<2	76	.14	.077	8	110	1.02	75	.08	7	2.54	.01	.03	2	2
6+00S 21+25E	2	30	8	119	.4	67	10	626	5.33	15	<5	<2	<2	14	<.2	3	<2	71	.15	.098	11	100	.90	72	.09	6	2.11	.01	.05	<2	4
6+00S 21+50E	4	31	9	109	.4	41	10	667	4.89	13	<5	<2	<2	16	.2	<2	<2	62	.18	.148	17	58	.60	65	.08	6	2.99	.01	.04	2	9
6+00S 21+75E	2	36	9	118	.3	79	12	487	4.35	12	<5	<2	<2	18	.3	<2	<2	65	.19	.067	15	68	.80	89	.07	5	2.80	.01	.03	<2	2
6+00S 22+00E	3	43	6	150	.3	120	10	334	3.86	13	<5	<2	<2	19	.4	2	<2	52	.19	.057	16	61	.67	83	.07	4	2.53	.01	.04	<2	3
6+00S 22+25E	1	29	8	140	<.3	42	7	259	3.93	12	<5	<2	<2	16	.8	<2	<2	59	.18	.056	15	58	.61	83	.07	5	2.56	.01	.03	2	5
6+00S 22+50E	3	34	4	115	.9	85	8	334	4.25	16	<5	<2	<2	17	.7	<2	<2	59	.19	.086	9	117	.94	77	.07	5	3.00	.01	.04	<2	3
6+00S 22+75E	1	25	10	101	<.3	34	6	307	3.98	12	<5	<2	<2	20	.4	<2	<2	58	.23	.091	14	50	.60	74	.07	4	2.11	.01	.04	<2	5
7+00S 20+75E	9	52	7	179	.3	152	20	772	5.44	42	<5	<2	<2	17	.5	2	<2	61	.18	.085	12	113	1.05	90	.09	5	2.13	.01	.03	2	4
7+00S 21+00E	1	33	8	91	<.3	119	11	327	3.38	10	<5	<2	3	19	.5	2	<2	59	.23	.066	16	70	.65	63	.09	4	1.93	.01	.03	<2	1
7+00S 21+25E	3	24	5	109	<.3	101	9	358	3.50	7	<5	<2	<2	17	.4	2	<2	58	.18	.070	10	154	1.31	98	.04	5	1.82	.01	.04	2	1
7+00S 21+50E	3	20	5	107	.4	91	8	320	2.95	6	<5	<2	<2	21	.7	<2	<2	55	.23	.074	10	150	1.19	101	.04	5	1.92	.01	.04	<2	2
7+00S 21+75E	3	25	6	157	.3	85	7	330	3.09	9	<5	<2	<2	24	1.0	2	<2	49	.27	.089	13	94	.97	102	.05	4	2.03	.01	.05	<2	2
RE 7+00S 21+75E	3	24	5	155	.5	84	7	327	3.03	9	<5	<2	<2	24	.8	<2	<2	48	.27	.088	12	93	.95	100	.04	4	2.01	.01	.05	<2	3
7+00S 22+00E	3	39	4	114	<.3	144	23	825	4.55	16	<5	<2	<2	17	.7	<2	<2	58	.18	.097	16	153	1.08	93	.07	6	3.02	.01	.04	2	2
7+00S 22+25E	3	50	5	157	.7	98	15	595	5.24	6	<5	<2	<2	21	.9	<2	<2	136	.45	.141	21	93	1.38	87	.25	7	2.91	.01	.03	<2	2
7+00S 22+50E	2	24	6	109	<.3	127	8	279	3.33	6	<5	<2	<2	14	.4	<2	<2	49	.16	.058	11	110	1.19	70	.06	5	2.28	.01	.03	<2	3
7+00S 22+75E	2	17	7	85	.6	58	8	560	2.60	7	<5	<2	<2	14	.4	<2	<2	48	.11	.066	9	111	.74	126	.04	4	1.39	.01	.05	<2	4
7+00S 23+00E	3	27	4	140	.5	90	8	272	3.53	8	<5	<2	<2	19	.6	<2	<2	51	.20	.065	14	86	.69	95	.06	5	2.70	.01	.04	<2	2
7+00S 23+25E	1	26	7	124	.3	54	7	276	3.67	12	8	<2	<2	18	.7	4	<2	55	.20	.061	14	66	.67	95	.07	4	2.09	.01	.04	2	11
7+00S 23+50E	5	63	12	275	.3	52	8	539	5.45	30	<5	<2	2	22	.5	<2	<2	60	.17	.060	10	42	.98	110	.17	5	2.83	.01	.08	<2	8
7+00S 23+75E	5	48	9	202	<.3	70	12	474	4.70	22	<5	<2	<2	20	.7	<2	<2	55	.21	.069	14	55	.83	95	.08	5	2.78	.01	.05	<2	4
7+00S 24+00E	3	27	11	118	.4	88	11	558	4.47	13	<5	<2	<2	15	.5	3	<2	73	.17	.068	9	107	1.09	75	.08	4	1.96	.01	.05	<2	3
7+00S 24+25E	3	28	9	112	<.3	66	11	819	4.79	13	<5	<2	<2	17	.3	4	<2	61	.20	.098	12	102	.92	84	.09	5	2.48	.01	.05	2	1
7+00S 24+50E	4	35	10	113	<.3	45	8	853	4.16	11	<5	<2	<2	19	<.2	<2	<2	49	.22	.105	8	52	.93	71	.11	4	1.86	.01	.07	<2	1
7+00S 24+75E	2	22	11	89	<.3	63	9	551	4.08	13	<5	<2	<2	14	.3	3	<2	71	.13	.062	12	103	.77	84	.08	4	1.99	.01	.04	2	3
11+00S 18+00E	1	17	6	74	<.3	286	17	280	3.13	11	<5	<2	<2	14	.3	3	<2	52	.21	.051	9	265	2.89	65	.06	8	1.43	.01	.02	2	3
11+00S 18+25E	1	18	4	94	<.3	326	19	335	3.95	13	<5	<2	<2	12	.4	<2	<2	67	.17	.056	8	349	3.10	73	.07	8	1.63	.01	.03	<2	3
11+00S 18+50E	1	18	3	92	.6	267	17	332	3.90	10	<5	<2	<2	14	.3	3	<2	68	.17	.052	9	311	2.48	78	.07	6	1.70	.01	.02	<2	3
11+00S 18+75E	2	22	7	121	.3	184	18	567	4.76	12	<5	<2	<2	12	.4	3	<2	70	.13	.069	10	259	1.64	131	.06	7	1.70	.01	.03	2	4
11+00S 19+00E	<1	17	4	96	.8	421	23	385	3.50	12	<5	<2	<2	14	.3	<2	<2	58	.19	.043	9	390	3.59	91	.07	11	1.68	.01	.03	2	3
11+00S 19+25E	1	12	4	89	.4	228	19	538	3.95	6	<5	<2	<2	15	<.2	<2	<2	65	.23	.068	10	335	2.13	127	.07	9	1.39	.01	.04	<2	8
11+00S 19+50E	<1	20	4	76	<.3	430	27	542	3.37	12	<5	<2	<2	15	.3	3	<2	58	.26	.069	10	333	3.05	103	.07	8	1.59	.01	.02	2	3
11+00S 19+75E	1	24	6	79	<.3	453	29	483	3.94	16	<5	<2	<2	14	<.2	<2	2	62	.21	.047	10	340	3.50	71	.08	9	1.61	.01	.02	<2	2
11+00S 20+00E	2	32	7	135	.3	462	33	957	4.70	17	<5	<2	<2	27	<.2	<2	<2	70	.36	.052	12	393	2.59	89	.11	7	2.11	.01	.07	<2	2
STANDARD C/AU-S	17	57	36	135	6.6	67	28	965	3.94	40	18	7	34	47	16.8	18	20	64	.45	.086	41	57	.83	177	.07	27	1.77	.06	.14	10	46

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
 AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
11+00S 20+25E	2	23	6	102	.3	207	15	346	4.87	8	<5	<2	<2	12	.9	3	<2	66	.13	.080	7	328	2.02	90	.03	7	2.12	.01	.03	<2	2
11+00S 20+50E	1	22	7	81	<.3	275	30	539	4.86	9	<5	<2	<2	13	.9	3	<2	69	.16	.070	7	427	2.50	80	.05	7	1.59	.01	.03	<2	30
11+00S 20+75E	2	25	4	93	.5	188	21	469	4.73	5	<5	<2	<2	13	1.0	4	<2	63	.13	.058	7	290	1.78	74	.05	7	1.72	.01	.02	<2	21
11+00S 21+00E	2	24	4	87	.4	155	14	350	4.88	6	<5	<2	<2	14	.9	3	<2	67	.18	.068	7	236	1.66	85	.06	6	1.64	.01	.02	<2	3
11+00S 21+25E	3	31	7	101	.4	158	16	489	3.29	3	<5	<2	<2	40	1.1	3	<2	50	.46	.086	22	247	1.36	73	.04	5	1.70	.01	.04	<2	3
11+00S 21+50E	2	28	7	185	1.7	118	12	364	3.19	6	6	<2	<2	51	1.7	<2	<2	45	.54	.129	18	171	1.10	107	.03	4	1.99	.01	.05	<2	3
11+00S 21+75E	3	32	7	134	.4	88	12	389	3.13	6	<5	<2	<2	39	1.1	5	<2	49	.53	.080	13	110	1.05	53	.08	5	1.34	.02	.04	<2	3
11+00S 22+00E	3	24	5	87	.3	79	8	234	3.43	7	<5	<2	<2	14	1.0	2	<2	54	.16	.050	9	156	1.04	56	.07	4	1.90	.01	.04	<2	3
11+00S 22+25E	2	33	8	109	.4	104	11	398	4.73	7	<5	<2	<2	13	1.1	3	<2	68	.13	.060	9	156	1.07	79	.06	4	2.45	.01	.03	<2	3
11+00S 22+50E	2	14	7	72	<.3	52	6	191	3.09	4	<5	<2	<2	12	.7	2	<2	49	.14	.055	9	117	.77	55	.04	5	1.57	.01	.02	<2	2
11+00S 22+75E	2	21	8	119	.5	98	9	272	3.50	4	<5	<2	<2	13	.8	3	<2	50	.11	.056	9	181	1.08	79	.04	4	1.71	.01	.03	<2	3
11+00S 23+00E	6	40	8	174	.3	80	9	495	5.57	12	<5	<2	<2	13	.9	<2	<2	63	.10	.152	9	152	.87	83	.02	4	2.39	.01	.05	<2	2
11+00S 23+25E	3	28	7	116	.6	101	10	408	4.38	7	<5	<2	<2	14	.8	<2	<2	72	.14	.064	9	157	1.17	104	.06	5	2.46	.01	.03	<2	3
11+00S 23+50E	5	51	9	177	1.0	109	12	500	5.77	9	6	<2	2	13	.9	<2	<2	73	.11	.073	9	116	1.06	118	.06	5	2.59	.01	.03	<2	3
11+00S 23+75E	3	31	9	127	.4	74	9	365	4.31	10	<5	<2	<2	13	.6	4	<2	56	.14	.079	10	96	.98	70	.05	5	2.36	.01	.03	<2	2
11+00S 24+00E	3	28	7	112	1.0	52	7	289	3.78	9	6	<2	<2	16	.4	3	<2	45	.18	.094	11	70	.70	64	.05	6	2.52	.01	.03	<2	1
11+00S 24+25E	3	28	8	99	.8	97	12	713	5.14	7	<5	<2	<2	17	.5	<2	<2	70	.21	.098	9	142	1.00	91	.09	6	2.05	.01	.04	<2	2
11+00S 24+50E	2	20	10	82	.7	48	6	355	3.93	4	5	<2	<2	15	.3	3	2	59	.12	.069	8	73	.67	107	.13	5	1.69	.01	.05	<2	61
RE 11+00S 24+50E	2	20	8	84	.6	49	6	361	4.03	3	<5	<2	<2	14	.2	3	<2	61	.11	.071	7	74	.68	109	.14	6	1.72	.01	.05	<2	2
11+00S 24+75E	2	16	7	78	.5	42	5	362	3.59	5	6	<2	<2	12	.3	2	<2	61	.10	.069	8	70	.66	106	.15	4	1.86	.01	.05	<2	3
11+00S 25+00E	2	22	10	92	.3	40	6	366	3.73	5	<5	<2	<2	12	.6	4	<2	60	.10	.059	12	84	.69	88	.10	5	2.06	.01	.05	<2	3
12+00S 18+00E	5	61	11	135	<.3	68	14	485	5.34	27	<5	<2	2	15	.4	<2	<2	64	.17	.063	11	59	1.08	95	.07	6	2.72	.01	.02	<2	3
12+00S 18+25E	3	24	7	101	.3	172	17	657	4.68	10	<5	<2	<2	16	.4	2	<2	71	.16	.051	8	252	1.73	147	.06	6	1.94	.01	.02	<2	2
12+00S 18+50E	1	14	5	70	.3	418	21	339	2.92	5	<5	<2	<2	14	.3	<2	<2	49	.22	.042	8	329	4.29	70	.07	9	1.69	.01	.01	<2	17
12+00S 18+75E	2	13	8	84	.3	84	10	622	2.72	2	<5	<2	<2	13	.4	3	<2	55	.12	.039	9	181	.98	127	.07	5	1.67	.01	.05	<2	3
12+00S 19+00E	1	19	5	80	.4	344	22	370	4.50	7	<5	<2	<2	13	.3	<2	<2	72	.16	.058	7	403	3.27	84	.07	10	1.66	.01	.02	<2	3
12+00S 19+25E	1	10	5	91	.3	180	16	409	3.69	3	<5	<2	<2	13	.4	2	<2	68	.15	.044	9	279	1.88	91	.11	6	1.61	.01	.02	<2	3
12+00S 19+50E	3	30	6	124	.3	183	16	469	5.30	13	5	<2	<2	11	.3	2	<2	68	.12	.080	9	218	1.58	100	.07	6	1.73	.01	.02	<2	1
12+00S 19+75E	1	18	8	89	.4	246	17	325	4.39	5	<5	<2	<2	13	.4	4	<2	69	.17	.061	8	317	2.47	103	.07	7	1.59	.01	.02	<2	4
12+00S 20+00E	1	12	5	79	.6	196	14	347	4.02	3	<5	<2	<2	13	<.2	<2	<2	60	.32	.064	7	307	1.80	101	.08	10	1.24	.01	.03	<2	3
12+00S 20+25E	2	22	7	90	.3	75	8	314	4.27	11	<5	<2	<2	13	.2	4	<2	60	.14	.063	7	125	.91	105	.06	6	1.57	.01	.03	<2	1
12+00S 20+50E	1	92	7	134	1.1	569	32	733	4.15	14	7	<2	<2	51	1.0	2	<2	56	.64	.075	47	624	3.46	107	.05	10	2.49	.01	.07	<2	3
12+00S 20+75E	1	28	5	137	.4	329	25	836	3.97	6	<5	<2	<2	39	1.6	<2	<2	49	.54	.132	11	399	2.23	81	.03	8	1.82	.01	.05	<2	2
12+00S 21+00E	3	64	9	136	1.2	175	24	1704	3.68	7	<5	<2	<2	78	2.8	5	<2	50	.87	.093	21	342	.98	88	.05	6	1.64	.01	.05	<2	2
12+00S 21+25E	3	30	7	158	.4	185	23	891	4.66	8	<5	<2	<2	36	.9	<2	<2	53	.41	.116	14	311	1.41	77	.04	5	1.97	.01	.05	<2	2
STANDARD C/AU-S	18	57	35	124	7.2	68	31	1119	3.84	43	22	7	37	51	17.4	16	18	60	.49	.093	40	58	.92	183	.08	30	1.78	.06	.13	10	46

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
 AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
12+00S 21+50E	1	15	8	57	<.3	65	8	715	2.44	2	<5	<2	<2	16	.2	5	<2	45	.17	.073	9	141	.54	158	.02	4	1.28	.01	.05	<2	3
12+00S 21+75E	2	15	10	65	<.3	70	6	302	2.53	3	5	<2	<2	14	.3	3	<2	39	.10	.062	8	131	.82	119	.04	6	1.40	.01	.04	<2	1
12+00S 22+00E	4	36	12	129	<.3	152	14	556	5.64	9	<5	<2	<2	16	.4	5	<2	49	.15	.072	9	176	1.27	91	.13	6	1.99	.01	.04	<2	1
12+00S 22+25E	6	32	11	113	<.3	67	8	342	5.13	9	<5	<2	<2	13	.2	4	<2	53	.12	.074	8	94	.71	67	.05	7	1.51	.01	.03	<2	1
12+00S 22+50E	5	16	10	89	<.3	83	9	423	3.83	2	<5	<2	<2	12	.3	5	<2	61	.10	.055	9	180	1.03	119	.07	5	1.64	.01	.05	<2	<1
12+00S 22+75E	6	36	10	143	<.3	80	8	386	4.74	3	<5	<2	<2	9	.3	3	<2	42	.06	.128	9	85	.94	62	.01	7	1.98	.01	.02	<2	1
12+00S 23+00E	4	24	10	101	.6	39	6	313	4.20	2	<5	<2	<2	10	.3	2	<2	45	.07	.080	10	60	.67	51	.02	4	2.50	.01	.03	<2	2
12+00S 23+25E	4	29	10	146	.3	171	14	469	5.35	5	<5	<2	<2	11	.6	6	<2	58	.09	.078	8	246	1.60	124	.05	8	1.96	<.01	.03	<2	1
12+00S 23+50E	4	29	11	119	.3	229	15	360	5.20	5	5	<2	<2	11	<.2	2	<2	58	.11	.072	7	204	2.22	78	.04	9	2.55	.01	.02	<2	21
12+00S 23+75E	5	21	12	97	<.3	40	4	257	3.70	<2	<5	<2	<2	9	<.2	3	<2	58	.06	.082	8	61	.70	61	.03	5	2.39	.01	.02	<2	1
12+00S 24+00E	4	24	11	133	<.3	54	6	294	4.50	8	<5	<2	<2	9	<.2	2	<2	54	.06	.078	8	73	.83	62	.03	5	2.01	.01	.03	<2	1
12+00S 24+25E	3	22	10	116	.4	118	10	363	4.37	4	<5	<2	<2	12	<.2	4	<2	51	.11	.100	9	145	1.27	70	.03	6	1.84	.01	.03	<2	<1
12+00S 24+50E	2	20	9	119	.3	106	10	403	4.51	3	<5	<2	<2	14	<.2	2	<2	55	.15	.079	12	147	1.26	81	.05	6	1.95	.01	.03	<2	2
12+00S 24+75E	4	35	13	148	.3	75	7	332	5.02	12	<5	<2	<2	12	<.2	2	<2	54	.10	.076	9	93	.83	109	.10	6	2.87	.01	.02	<2	2
25+00E 10+50S	3	32	8	176	.9	75	8	387	5.02	9	<5	<2	<2	18	.4	5	<2	56	.14	.087	11	73	.78	93	.11	7	2.71	.01	.03	<2	2
25+00E 10+75S	5	45	10	183	1.1	55	6	420	4.84	8	<5	<2	<2	20	.2	2	<2	47	.17	.126	10	52	.63	104	.07	7	2.53	.01	.04	<2	1
RE 25+00E 11+50S	3	27	12	101	.6	56	6	309	4.55	6	<5	<2	<2	13	<.2	3	<2	63	.14	.084	8	86	.78	75	.06	6	2.47	.01	.04	<2	2
25+00E 11+25S	4	35	11	114	<.3	58	7	344	5.05	4	<5	<2	<2	12	<.2	2	<2	63	.13	.103	10	77	.92	103	.05	6	2.45	.01	.04	<2	1
25+00E 11+50S	3	28	12	101	.5	56	6	306	4.54	5	<5	<2	<2	14	<.2	4	<2	63	.14	.083	8	87	.77	74	.07	7	2.46	.01	.04	<2	2
25+00E 11+75S	4	25	10	114	.3	43	6	493	4.24	2	<5	<2	<2	14	<.2	4	<2	45	.14	.164	7	62	.59	69	.02	5	1.48	.01	.06	<2	1
25+00E 12+00S	4	36	12	193	.6	106	15	896	4.51	12	<5	<2	<2	52	1.5	5	<2	48	.55	.088	13	182	.95	124	.06	6	1.72	.01	.05	<2	1
STANDARD C/AU-S	18	58	36	124	6.9	69	31	1123	3.84	43	17	7	37	50	17.2	21	19	57	.49	.092	37	59	.92	174	.08	32	1.79	.06	.13	9	48

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

AU* - IGNITED, AQUA-REGIA/MTBK EXTRACT, GF/AA FINISHED.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1+00N 20+00W	2	32	4	77	<.3	152	21	680	6.05	6	<5	<2	<2	18	1.5	<2	<2	101	.24	.071	6	223	1.52	132	.24	4	2.10	.01	.04	<2	2
1+00N 19+75W	2	65	6	58	<.3	265	24	700	3.95	7	<5	<2	<2	27	1.0	<2	<2	67	.47	.053	12	191	2.25	51	.15	6	1.41	.01	.05	2	1
1+00N 19+50W	2	44	6	79	<.3	223	25	690	4.21	6	<5	<2	2	22	1.0	<2	<2	67	.40	.062	8	205	2.18	54	.20	4	2.07	.01	.06	<2	1
1+00N 19+25W	2	35	6	69	<.3	324	26	607	4.58	8	<5	<2	<2	18	1.0	<2	2	69	.25	.034	6	194	3.07	70	.12	5	2.02	.01	.05	2	<1
1+00N 19+00W	2	35	9	72	<.3	163	20	522	4.29	4	<5	<2	<2	16	.9	<2	<2	72	.26	.030	5	198	1.93	76	.20	4	2.07	.01	.06	<2	1
1+00N 18+75W	1	61	9	80	<.3	158	21	632	3.90	5	<5	<2	<2	19	.8	<2	<2	66	.47	.032	7	199	2.00	88	.26	5	2.19	.01	.06	2	1
1+00N 18+25W	2	34	6	79	<.3	197	23	568	5.01	7	<5	<2	<2	17	.9	<2	2	76	.25	.035	6	225	2.07	66	.27	4	2.16	.01	.04	2	5
1+00N 18+00W	3	332	9	182	.5	525	34	1654	5.80	17	8	<2	<2	32	2.4	<2	<2	88	.86	.073	38	247	1.94	211	.06	4	4.08	.01	.15	3	1
1+00N 17+75W	2	235	8	116	.3	333	29	923	4.87	8	5	<2	<2	24	1.4	<2	2	75	.64	.053	21	269	2.37	109	.16	4	3.12	.01	.09	2	1
1+00N 17+50W	2	318	10	143	.6	492	30	1355	5.33	8	6	<2	<2	30	1.6	<2	<2	80	.95	.089	27	242	2.06	198	.05	<3	3.83	.01	.14	<2	1
RE 1+00N 17+25W	2	85	3	77	<.3	201	19	416	4.03	6	<5	<2	<2	21	1.0	<2	<2	77	.39	.025	9	206	1.85	88	.18	5	2.04	.01	.05	2	<1
1+00N 17+25W	2	80	6	73	<.3	190	18	387	3.84	6	<5	<2	<2	20	.4	<2	<2	74	.37	.024	7	196	1.76	84	.17	3	1.94	.01	.05	2	1
1+00N 17+00W	2	154	8	110	.3	366	32	1082	4.79	6	<5	<2	<2	24	1.4	<2	3	75	.61	.052	11	241	2.44	116	.12	3	2.63	.01	.08	<2	<1
1+00N 16+75W	1	29	6	62	<.3	99	12	374	3.03	2	<5	<2	<2	16	.6	<2	<2	60	.25	.034	8	150	1.26	73	.18	3	1.99	.01	.05	<2	<1
1+00N 16+50W	1	31	9	78	.3	126	18	513	4.85	7	<5	<2	<2	15	1.0	2	2	87	.22	.042	5	209	1.51	76	.30	3	2.49	.01	.04	3	1
1+00N 16+25W	2	22	7	62	<.3	83	11	363	4.29	8	<5	<2	<2	13	.7	2	<2	83	.16	.078	6	175	1.14	48	.24	3	2.08	.01	.04	2	1
1+00N 16+00W	1	42	5	72	<.3	156	19	606	5.67	3	<5	<2	<2	13	.5	<2	<2	98	.20	.075	5	216	1.90	54	.22	<3	2.42	.01	.04	<2	2
1+00N 15+75W	1	37	6	82	<.3	164	18	464	4.85	7	<5	<2	<2	15	1.0	<2	<2	74	.32	.051	6	221	1.89	80	.22	3	2.40	.01	.04	<2	<1
1+00N 15+50W	1	46	4	83	<.3	205	23	603	4.41	4	<5	<2	2	15	.7	<2	2	65	.33	.047	6	220	2.09	54	.24	5	2.41	.01	.05	<2	1
1+00N 15+25W	2	17	10	74	.3	70	10	333	3.99	5	<5	<2	<2	14	.7	<2	<2	84	.20	.032	8	145	1.02	63	.29	3	1.94	.01	.03	2	<1
1+00N 15+00W	2	476	8	139	.5	853	37	1667	5.20	19	6	<2	<2	29	1.8	<2	<2	73	1.23	.088	16	243	2.31	163	.07	4	3.96	.01	.11	3	1
1+00N 14+75W	2	367	9	150	.6	489	30	1826	5.08	17	5	<2	<2	26	2.1	<2	3	82	1.07	.057	14	225	1.48	150	.11	3	3.20	.01	.08	2	<1
1+00N 14+50W	1	154	<3	64	.3	227	24	698	3.83	5	<5	<2	<2	19	.8	<2	2	59	.56	.045	9	183	2.02	50	.20	3	1.87	.01	.05	<2	<1
1+00N 14+25W	1	34	7	64	.3	112	14	400	4.22	3	5	<2	<2	13	.7	<2	<2	104	.22	.033	5	188	1.27	166	.34	3	1.59	.01	.04	2	<1
1+00N 14+00W	1	25	4	62	<.3	68	10	336	4.83	7	<5	<2	<2	11	.8	<2	2	80	.17	.084	6	157	.92	56	.25	3	1.89	<.01	.03	2	<1
1+00N 13+75W	1	63	3	70	.3	145	17	480	4.27	7	<5	<2	<2	14	1.0	<2	2	67	.29	.031	6	168	1.60	81	.23	4	2.12	.01	.04	2	<1
1+00N 13+50W	1	41	4	62	.3	135	18	525	4.41	2	<5	<2	<2	12	.7	<2	<2	77	.28	.050	4	182	1.53	56	.27	4	1.58	.01	.06	2	<1
1+00N 13+25W	2	17	8	28	.3	38	5	138	2.21	5	<5	<2	<2	12	.4	<2	2	107	.12	.026	6	109	.31	39	.28	3	1.03	.01	.02	<2	1
1+00N 13+00W	2	62	8	70	<.3	247	38	811	4.74	8	<5	<2	<2	18	.9	<2	2	73	.39	.053	4	191	2.21	58	.23	3	1.99	.01	.03	2	<1
1+00N 12+75W	1	59	4	56	<.3	138	17	419	3.42	5	<5	<2	<2	18	.8	<2	3	54	.64	.033	4	145	1.55	68	.20	3	1.91	.01	.03	<2	<1
1+00N 12+50W	1	88	8	48	.3	74	9	286	2.61	3	<5	<2	<2	22	.7	<2	<2	76	.72	.024	9	125	.67	101	.23	3	1.35	.01	.04	2	<1
1+00N 12+25W	1	362	5	64	.3	305	23	1091	3.44	8	8	<2	<2	36	1.0	<2	<2	54	1.47	.084	24	162	1.15	143	.06	5	2.28	.01	.07	<2	1
1+00N 12+00W	1	359	3	90	.4	479	27	756	4.43	4	5	<2	<2	24	.9	<2	<2	74	.89	.037	11	207	1.65	144	.12	3	3.10	.01	.08	<2	1
1+00N 11+75W	1	133	6	51	.3	217	21	617	3.28	6	<5	<2	<2	17	.7	<2	2	55	.51	.025	6	141	1.57	58	.18	3	1.65	.01	.04	<2	<1
1+00N 11+50W	2	448	6	87	.3	493	31	802	4.57	7	<5	<2	<2	20	1.1	<2	<2	73	.47	.041	22	211	1.59	120	.11	3	3.25	.01	.07	<2	1
STANDARD C/AU-S	19	58	37	120	7.0	69	30	1074	3.74	42	22	7	35	54	17.5	16	21	61	.49	.086	42	60	.90	171	.08	30	1.76	.06	.14	11	47

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1+00N 11+25W	1	404	5	68	.5	373	23	1176	3.56	7	9	<2	<2	39	1.0	3	<2	48	2.14	.091	20	188	1.64	146	.05	6	2.21	.01	.07	<2	2
1+00N 9+25W	2	417	7	78	.5	366	22	843	4.43	7	7	<2	<2	24	1.0	3	<2	63	.98	.060	14	191	1.64	116	.11	5	2.73	.01	.07	<2	1
1+00N 9+00W	1	253	5	75	.3	358	30	634	4.60	5	<5	<2	<2	16	.8	3	<2	64	.56	.025	7	157	2.25	81	.16	6	2.18	.01	.05	<2	<1
1+00N 8+00W	1	467	5	97	.4	378	31	1177	5.30	10	6	<2	<2	23	1.3	2	<2	76	.81	.051	15	201	1.66	137	.12	6	3.41	.01	.09	<2	1
1+00N 7+00W	1	575	7	98	.6	468	26	1146	5.08	4	8	<2	<2	31	.9	<2	<2	71	1.29	.105	21	194	1.52	169	.06	4	3.77	.01	.09	<2	1
1+00N 6+75W	1	58	4	74	<.3	89	14	574	3.58	9	<5	<2	2	26	.7	3	<2	64	.41	.069	11	105	1.21	75	.16	5	1.83	.01	.06	<2	6
1+00N 6+50W	1	32	4	72	<.3	60	12	608	3.28	5	<5	<2	2	30	.6	3	<2	63	.41	.074	11	74	.93	83	.15	4	1.51	.01	.05	<2	4
1+00N 6+25W	1	65	<3	89	<.3	114	21	851	4.16	4	<5	<2	2	30	.6	2	<2	65	.54	.074	11	136	1.56	129	.24	3	2.06	.01	.07	<2	2
1+00N 6+00W	1	40	4	57	<.3	75	12	524	3.16	6	5	<2	2	29	.4	3	<2	58	.51	.065	10	102	1.18	65	.16	5	1.48	.01	.05	<2	1
1+00N 5+75W	1	61	5	56	<.3	55	10	649	3.01	4	<5	<2	2	39	.6	2	<2	62	.55	.078	12	60	.78	77	.15	5	1.25	.02	.04	<2	2
1+00N 5+50W	1	46	6	91	<.3	113	18	589	3.78	10	5	<2	2	16	.7	3	<2	62	.26	.059	9	154	1.38	81	.16	5	2.18	.01	.06	<2	4
1+00N 5+25W	1	33	5	69	<.3	80	14	607	3.42	3	5	<2	2	25	.6	2	<2	63	.36	.071	12	97	1.17	75	.16	5	1.70	.01	.05	<2	2
1+00N 5+00W	1	46	8	77	<.3	97	16	611	3.68	5	5	<2	2	20	.5	4	<2	66	.30	.064	10	129	1.30	73	.17	5	2.04	.01	.05	<2	3
1+00N 4+75W	1	34	4	74	<.3	76	14	639	3.65	6	<5	<2	2	34	.5	3	<2	66	.43	.065	12	89	1.23	114	.15	5	1.77	.01	.06	<2	1
1+00N 4+50W	1	53	5	89	<.3	129	18	600	3.67	12	5	<2	2	17	.9	2	<2	63	.25	.059	9	179	1.36	78	.15	5	1.97	.01	.06	<2	6
1+00N 4+25W	1	41	7	74	<.3	73	12	628	3.55	6	<5	<2	2	40	.5	2	<2	66	.54	.078	14	92	1.05	101	.16	5	1.58	.02	.05	<2	2
1+00N 4+00W	1	42	5	89	<.3	90	12	472	3.22	2	5	<2	<2	23	.4	<2	<2	55	.35	.059	9	117	1.16	89	.12	4	1.94	.01	.05	<2	3
1+00N 3+75W	1	50	6	71	<.3	79	13	524	3.26	4	<5	<2	<2	26	.7	3	2	59	.43	.057	9	104	1.21	69	.16	4	1.72	.01	.04	<2	2
RE 1+00N 3+75W	1	52	6	74	<.3	83	13	541	3.36	<2	5	<2	<2	27	.7	<2	<2	60	.45	.058	9	109	1.25	71	.16	4	1.78	.01	.05	<2	1
1+00N 3+50W	1	23	<3	70	<.3	63	9	375	3.28	3	<5	<2	<2	16	.7	4	<2	68	.29	.044	7	112	1.13	64	.21	7	1.86	.01	.04	<2	<1
1+00N 3+25W	2	60	8	82	<.3	103	16	657	3.57	9	5	<2	2	24	.8	4	<2	60	.35	.052	16	163	1.29	89	.14	5	1.72	.01	.05	<2	3
1+00N 3+00W	1	50	8	107	<.3	85	14	786	3.64	4	5	<2	2	27	.9	<2	<2	64	.37	.042	12	104	1.20	109	.16	4	2.03	.01	.06	<2	1
1+00N 2+75W	1	60	3	72	<.3	94	14	559	3.55	7	<5	<2	2	22	.7	3	<2	64	.35	.052	10	148	1.31	81	.15	7	1.90	.01	.04	<2	2
1+00N 2+50W	1	60	5	83	<.3	109	18	948	4.00	4	<5	<2	<2	22	.7	2	<2	66	.55	.064	6	147	1.62	98	.20	4	2.28	.01	.05	<2	2
1+00N 2+25W	2	67	7	109	<.3	183	21	1024	4.41	7	5	<2	<2	19	.8	<2	<2	64	.35	.084	8	180	1.70	95	.12	6	2.38	.01	.09	<2	<1
1+00N 2+00W	2	63	10	108	<.3	188	23	974	4.14	9	<5	<2	2	17	1.0	2	<2	63	.32	.061	10	167	1.48	98	.14	7	2.37	.01	.08	<2	1
1+00N 1+25W	1	28	4	56	<.3	41	9	825	2.82	6	<5	<2	<2	35	.5	2	<2	56	.62	.071	9	48	.72	76	.13	5	1.05	.02	.05	<2	1
1+00N 1+00W	2	56	5	94	<.3	116	16	773	3.60	4	5	<2	2	32	.5	2	<2	60	.49	.067	12	154	1.22	101	.14	4	1.71	.01	.06	<2	4
1+00N 0+75W	3	67	6	136	<.3	88	14	555	3.62	6	<5	<2	2	25	1.4	3	<2	55	.37	.062	13	127	1.05	81	.13	5	1.51	.01	.06	<2	7
1+00N 0+50W	5	45	10	149	.6	50	7	467	4.87	<2	<5	<2	2	11	.6	2	<2	58	.12	.164	8	67	.79	65	.06	5	2.50	.01	.07	<2	2
1+00N 0+25W	5	64	11	215	.3	105	18	815	4.64	4	<5	<2	2	16	1.1	2	<2	56	.17	.066	8	98	1.12	101	.10	4	2.60	.01	.07	<2	13
1+00N 0+00W	3	43	10	205	.4	80	11	387	4.08	3	<5	<2	<2	13	1.1	2	<2	54	.14	.071	8	98	.92	121	.09	5	2.58	.01	.06	<2	3
1+00S 12+50W	1	17	3	65	<.3	68	13	410	3.28	<2	<5	<2	<2	11	.6	<2	<2	54	.31	.047	5	121	1.45	64	.25	4	1.80	.01	.03	<2	<1
1+00S 12+25W	1	71	6	54	<.3	133	17	427	3.60	<2	<5	<2	<2	11	.4	<2	<2	48	.27	.036	3	109	1.55	67	.14	4	1.81	.01	.03	<2	1
1+00S 12+00W	1	30	6	70	<.3	89	15	571	4.37	<2	<5	<2	<2	11	.6	<2	<2	72	.30	.084	4	149	1.36	87	.26	3	1.70	.01	.04	<2	<1
STANDARD C/AU-S	19	62	35	129	7.3	69	31	1178	4.16	42	24	7	37	51	18.1	19	19	62	.53	.097	40	60	.97	188	.09	31	1.98	.06	.16	10	47

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1+00S 11+75W	2	85	6	82	<.3	110	16	539	4.61	4	<5	<2	<2	15	1.1	<2	<2	91	.30	.037	6	136	1.09	145	.21	4	1.89	.01	.06	<2	2
1+00S 11+50W	1	90	4	75	<.3	231	23	566	4.75	4	<5	<2	<2	14	1.2	<2	<2	69	.35	.031	5	197	2.27	106	.21	4	2.37	.01	.05	<2	<1
1+00S 11+25W	1	64	5	82	<.3	144	18	477	4.70	<2	<5	<2	<2	12	1.0	<2	<2	77	.36	.050	4	157	1.88	109	.21	4	2.37	.01	.05	<2	2
1+00S 11+00W	1	111	<3	64	<.3	137	20	456	4.08	<2	<5	<2	<2	13	.8	<2	2	57	.40	.050	5	137	1.67	57	.26	3	2.42	.01	.04	<2	<1
RE 1+00S 11+00W	1	117	<3	65	<.3	144	21	479	4.23	<2	<5	<2	<2	13	1.1	<2	<2	60	.40	.052	5	144	1.74	58	.27	4	2.52	.01	.05	<2	1
1+00S 10+75W	3	397	8	68	.3	185	38	2030	4.70	<2	5	<2	<2	34	1.7	<2	<2	89	.78	.057	30	167	1.20	170	.17	4	2.76	.01	.07	<2	1
1+00S 10+50W	1	123	5	62	<.3	132	20	595	3.86	<2	<5	<2	<2	18	.9	<2	<2	61	.52	.030	7	130	1.81	76	.24	3	2.35	.01	.04	<2	1
1+00S 10+25W	2	86	3	110	<.3	116	27	948	5.38	<2	<5	<2	<2	17	1.2	<2	<2	85	.49	.068	5	158	1.85	151	.27	4	2.77	.01	.06	<2	1
1+00S 10+00W	1	126	3	87	<.3	115	19	514	4.26	<2	<5	<2	<2	14	1.0	<2	3	66	.47	.046	5	133	1.77	70	.25	3	2.46	.01	.05	<2	<1
1+00S 9+75W	2	45	14	108	<.3	22	13	2973	4.19	3	<5	<2	<2	12	1.4	<2	2	117	.21	.055	3	38	.23	136	.56	6	.77	.02	.03	<2	<1
1+00S 9+50W	1	187	<3	110	<.3	119	21	633	5.23	<2	<5	<2	<2	13	1.2	<2	2	81	.38	.034	6	153	1.79	70	.28	3	2.88	.01	.05	<2	<1
1+00S 9+25W	1	28	3	57	<.3	45	11	330	2.83	<2	<5	<2	<2	10	.6	<2	<2	72	.25	.036	6	95	.98	87	.46	3	1.63	.01	.06	<2	<1
1+00S 9+00W	2	53	4	78	<.3	86	16	460	5.89	3	<5	<2	<2	10	1.6	<2	2	82	.30	.040	4	153	1.50	66	.43	3	2.53	.01	.04	<2	<1
1+00S 8+75W	1	37	3	67	<.3	65	12	452	6.12	<2	<5	<2	<2	8	.9	<2	<2	104	.19	.202	5	176	1.18	50	.31	<3	2.46	.01	.03	<2	<1
1+00S 8+50W	1	41	<3	66	.3	52	11	423	6.44	2	<5	<2	<2	8	1.5	<2	<2	108	.16	.177	5	115	1.05	47	.31	<3	2.20	.01	.04	<2	1
1+00S 8+25W	1	57	<3	89	<.3	110	18	500	6.03	<2	<5	<2	<2	10	1.3	<2	<2	76	.27	.101	5	171	1.36	91	.25	3	3.54	.01	.04	<2	1
1+00S 8+00W	1	135	<3	100	<.3	134	20	521	6.00	2	<5	<2	<2	9	1.3	<2	<2	73	.27	.073	4	188	1.75	67	.28	<3	3.81	.01	.04	<2	4
1+00S 7+75W	2	40	4	106	<.3	94	24	609	4.55	3	<5	<2	<2	11	1.1	<2	<2	72	.26	.056	8	150	1.46	96	.30	3	2.89	.01	.05	<2	2
1+00S 7+50W	1	58	6	76	<.3	114	18	534	3.76	8	<5	<2	2	19	1.1	<2	<2	61	.30	.068	10	122	1.43	84	.14	4	2.44	.01	.05	<2	2
1+00S 7+25W	1	246	<3	92	<.3	158	26	810	4.77	<2	5	<2	<2	18	.7	<2	<2	70	.57	.066	9	166	2.09	80	.27	3	2.93	.01	.06	<2	14
1+00S 7+00W	1	97	4	67	<.3	94	17	629	3.60	7	<5	<2	2	27	.7	<2	2	62	.57	.069	12	119	1.45	63	.21	4	1.71	.01	.04	<2	2
1+00S 6+75W	1	98	4	70	<.3	106	19	706	3.85	6	<5	<2	2	24	.6	<2	2	64	.57	.069	10	121	1.52	58	.24	3	1.83	.01	.06	<2	3
1+00S 6+50W	2	103	3	73	<.3	97	18	753	4.06	11	<5	<2	<2	26	.6	<2	<2	68	.60	.082	11	111	1.30	66	.22	6	1.79	.01	.06	<2	2
1+00S 6+25W	1	446	8	93	.3	137	24	1262	4.32	9	<5	<2	<2	27	1.0	<2	2	73	.63	.057	17	140	1.67	97	.16	3	2.35	.01	.07	<2	3
1+00S 6+00W	1	155	3	66	<.3	93	15	614	3.30	5	<5	<2	<2	23	.6	<2	2	57	.52	.053	10	130	1.46	67	.16	4	1.77	.01	.04	<2	1
1+00S 5+75W	1	498	4	101	.3	165	22	853	4.49	3	5	<2	<2	30	.6	<2	2	76	.78	.069	19	153	1.73	164	.09	3	3.41	.01	.08	<2	4
1+00S 5+50W	1	513	6	100	.4	172	23	936	4.69	2	7	<2	<2	29	.6	<2	<2	80	.78	.052	20	159	1.79	162	.11	4	3.64	.01	.08	<2	1
1+00S 5+25W	2	408	7	90	.4	143	21	1137	4.10	7	9	<2	<2	35	.4	<2	<2	73	.95	.067	20	129	1.48	168	.08	5	2.83	.01	.08	<2	3
1+00S 5+00W	1	766	5	113	1.3	253	28	1501	5.29	8	10	<2	<2	42	<.2	<2	<2	82	1.32	.096	25	160	1.86	258	.06	4	4.40	.01	.14	<2	4
1+00S 4+75W	1	414	8	91	.5	159	23	944	4.50	5	8	<2	<2	37	<.2	<2	<2	84	1.06	.071	15	135	1.63	156	.08	3	3.26	.01	.09	<2	2
1+00S 4+50W	2	59	6	92	<.3	115	21	1031	4.07	9	6	<2	<2	24	<.2	<2	3	73	.40	.074	11	105	1.25	89	.18	3	2.03	.01	.07	<2	2
1+00S 4+25W	3	65	7	110	<.3	122	15	733	3.35	14	<5	<2	2	33	.5	<2	<2	56	.42	.071	15	154	1.17	87	.12	4	1.42	.01	.06	<2	9
1+00S 4+00W	<1	147	4	142	<.3	203	42	912	6.49	13	<5	<2	<2	45	<.2	<2	<2	68	.89	.178	9	282	1.83	135	.38	<3	3.20	.01	.35	<2	1
1+00S 3+75W	3	60	8	91	<.3	109	16	580	3.66	8	5	<2	<2	34	.6	<2	<2	65	.69	.071	14	115	1.15	132	.11	4	1.94	.01	.06	<2	4
1+00S 3+52W	1	175	10	76	<.3	176	18	667	3.49	3	5	<2	<2	23	.7	<2	<2	61	.58	.061	14	129	1.32	112	.10	3	2.10	.01	.07	<2	2
STANDARD C/AU-S	18	61	36	125	6.9	69	31	1057	4.01	40	22	7	36	50	18.1	16	19	60	.52	.095	43	59	.96	175	.09	30	1.91	.06	.15	11	50

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
1+00S 3+50W	2	110	8	71	.3	119	15	644	3.36	11	<5	<2	2	22	<.2	2	<2	57	.45	.041	12	116	1.21	83	.17	4	1.66	.01	.05	<2	2
1+00S 3+25W	2	36	11	106	.3	113	22	701	4.08	13	<5	<2	2	20	<.2	<2	<2	67	.36	.118	9	146	1.27	105	.14	4	1.95	.01	.07	<2	1
1+00S 3+00W	2	44	8	102	.4	149	18	592	3.64	14	<5	<2	<2	23	<.2	3	<2	58	.38	.073	10	146	1.41	104	.11	6	1.88	.01	.07	<2	8
1+00S 2+75W	2	43	9	80	.4	114	14	775	3.21	14	<5	<2	<2	38	<.2	<2	<2	57	.73	.071	13	95	1.10	83	.12	5	1.49	.02	.07	<2	2
1+00S 2+50W	4	58	12	130	.3	203	21	1180	3.92	20	<5	<2	2	18	<.2	2	<2	49	.35	.056	13	166	2.04	76	.10	7	1.53	.01	.09	<2	1
1+00S 2+25W	2	30	8	84	.4	88	14	679	3.32	12	<5	<2	<2	29	.3	<2	2	61	.53	.068	8	127	.95	109	.10	3	1.56	.01	.06	<2	1
1+00S 2+00W	1	37	6	69	<.3	61	14	584	3.28	9	<5	<2	2	36	<.2	2	<2	60	.66	.082	10	82	1.03	78	.19	<3	1.51	.02	.07	<2	1
1+00S 1+75W	2	62	10	118	.4	140	22	609	3.67	14	<5	<2	2	33	.6	4	<2	64	.62	.073	13	148	1.22	76	.16	4	1.59	.02	.08	<2	3
1+00S 1+50W	1	49	10	86	.3	93	13	705	3.82	13	<5	<2	<2	40	.2	2	<2	66	.67	.072	15	117	1.10	144	.11	<3	2.04	.02	.07	<2	4
1+00S 1+25W	1	77	9	95	.3	145	21	1597	4.50	14	<5	<2	<2	27	.2	<2	<2	72	.56	.068	18	140	1.35	128	.17	3	2.18	.01	.07	<2	3
1+00S 1+00W	3	82	13	131	.3	97	21	919	4.35	17	<5	<2	2	25	<.2	4	<2	70	.37	.067	16	88	1.08	109	.16	3	2.09	.01	.07	<2	3
1+00S 0+75W	3	85	12	141	<.3	107	20	904	4.18	15	<5	<2	3	23	.3	2	<2	67	.34	.069	13	82	1.05	91	.16	4	2.12	.01	.07	<2	4
1+00S 0+50W	2	46	7	81	<.3	95	14	595	3.43	12	<5	<2	2	32	<.2	4	<2	63	.50	.061	11	146	1.18	94	.16	3	1.73	.01	.05	<2	2
1+00S 0+25W	4	121	14	207	.3	122	21	1080	5.10	17	<5	<2	3	34	<.2	2	<2	68	.59	.071	18	84	1.10	127	.14	3	2.02	.01	.09	<2	5
3+00N 11+75W	1	801	10	127	1.0	663	50	2186	6.54	16	<5	<2	<2	25	<.2	<2	<2	94	.97	.052	18	263	2.23	183	.11	3	4.71	.01	.13	<2	4
3+00N 11+50W	1	124	9	72	.4	319	27	638	4.72	13	<5	<2	<2	18	<.2	<2	<2	72	.54	.029	9	211	2.29	78	.20	3	2.17	.01	.05	<2	1
3+00N 11+25W	2	89	8	99	.5	418	36	896	5.40	12	<5	<2	<2	15	<.2	<2	<2	93	.25	.042	6	180	3.22	160	.18	3	1.90	.01	.05	<2	<1
3+00N 11+00W	1	341	8	109	.8	515	39	1318	6.07	14	5	<2	<2	25	<.2	<2	<2	91	.94	.067	17	221	2.11	139	.17	4	3.76	.01	.10	<2	4
3+00N 10+75W	1	26	11	121	1.2	667	40	2188	5.91	16	<5	<2	<2	27	<.2	2	<2	81	.92	.050	17	207	2.05	210	.15	5	3.56	.01	.12	2	4
3+00N 10+50W	1	78	8	67	.3	215	21	683	3.75	9	<5	<2	<2	23	<.2	4	<2	60	.54	.039	8	142	1.70	77	.17	4	1.91	.01	.05	<2	4
RE 3+00N 8+00W	<1	62	6	59	.3	167	16	770	3.13	8	<5	<2	<2	26	<.2	2	3	54	.63	.075	9	116	1.34	62	.21	3	1.30	.01	.04	<2	3
3+00N 10+25W	1	84	14	83	.3	191	18	720	4.14	15	<5	<2	<2	23	<.2	2	<2	72	.54	.041	10	106	1.16	108	.10	4	1.88	.01	.06	<2	1
3+00N 10+00W	1	115	4	117	.5	226	22	888	4.19	14	<5	<2	<2	23	<.2	<2	<2	72	.65	.044	11	146	1.47	113	.15	4	2.19	.01	.05	<2	1
3+00N 9+75W	1	51	9	99	.5	190	22	607	4.58	14	<5	<2	<2	25	<.2	<2	<2	78	.54	.062	9	134	1.66	102	.13	5	2.02	.01	.04	<2	1
3+00N 9+50W	1	46	4	56	.3	166	19	739	3.59	12	<5	<2	<2	21	<.2	<2	<2	59	.52	.052	8	139	1.85	51	.25	4	1.61	.01	.04	<2	4
3+00N 9+25W	1	81	8	86	.3	244	22	755	4.12	11	<5	<2	<2	26	<.2	<2	2	70	.50	.049	9	140	1.81	122	.14	3	2.18	.01	.05	<2	<1
3+00N 9+00W	1	39	5	60	<.3	141	18	623	3.53	9	<5	<2	<2	22	<.2	2	<2	59	.54	.061	8	137	1.77	54	.23	3	1.68	.01	.04	<2	3
3+00N 8+75W	1	66	8	76	<.3	176	20	681	3.74	8	<5	<2	<2	23	<.2	<2	<2	66	.45	.050	10	130	1.55	125	.14	<3	1.88	.01	.04	<2	2
3+00N 8+50W	1	140	6	79	.3	344	20	1004	4.05	10	<5	<2	<2	26	<.2	<2	<2	64	.67	.059	14	144	1.38	141	.12	3	2.45	.01	.07	<2	3
3+00N 8+25W	1	48	7	87	.4	55	13	550	4.03	11	<5	<2	<2	14	<.2	2	2	61	.32	.152	6	83	.87	101	.19	3	2.39	.01	.04	<2	<1
3+00N 8+00W	1	62	4	58	.3	158	15	736	3.05	7	<5	<2	<2	25	.2	<2	<2	53	.60	.072	8	114	1.28	61	.20	3	1.29	.02	.04	<2	1
3+00N 7+75W	1	78	5	106	.3	109	23	1134	5.81	6	<5	<2	<2	26	.2	<2	2	89	.92	.139	11	90	1.96	101	.49	<3	3.08	.01	.26	<2	<1
3+00N 7+50W	1	66	<3	81	<.3	125	21	517	4.52	5	<5	<2	<2	12	.7	3	2	72	.33	.049	5	148	1.45	82	.26	3	2.58	.01	.05	<2	3
3+00N 7+25W	2	48	5	65	<.3	109	17	319	3.83	6	<5	<2	2	19	.6	3	<2	64	.26	.043	8	117	1.03	92	.15	<3	2.49	.01	.04	<2	2
3+00N 7+00W	1	22	<3	57	<.3	56	9	259	2.60	3	<5	<2	<2	20	.4	2	<2	59	.42	.024	6	103	.94	73	.21	<3	1.76	.01	.03	<2	<1
STANDARD C/AU-S	18	61	38	127	7.0	68	31	1190	3.91	44	20	7	38	53	17.6	17	18	61	.53	.095	41	59	.89	178	.09	30	1.86	.06	.15	10	51

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
3+00N 6+75W	1	87	6	66	<.3	166	13	703	2.81	7	<5	<2	<2	30	.4	3	<2	54	.76	.046	11	106	1.17	121	.11	<3	1.85	.01	.04	<2	1
3+00N 6+50W	1	55	7	67	<.3	105	17	857	3.56	8	<5	<2	2	35	.8	2	<2	68	.60	.067	12	98	1.28	97	.20	3	1.67	.02	.05	<2	3
3+00N 6+25W	1	54	7	75	<.3	95	15	940	3.58	10	<5	<2	2	39	.7	<2	<2	69	.65	.075	13	77	1.06	112	.18	3	1.70	.02	.08	<2	2
3+00N 6+20W	1	86	6	69	.3	252	15	780	3.21	7	<5	<2	<2	29	.7	2	2	58	.67	.068	10	103	1.11	110	.10	3	1.84	.01	.05	<2	1
3+00N 6+00W	1	50	<3	51	<.3	99	13	607	3.00	7	<5	<2	<2	29	.8	2	<2	57	.53	.062	9	94	1.22	64	.20	<3	1.35	.01	.03	<2	2
3+00N 5+75W	1	42	5	82	<.3	90	12	440	3.31	5	<5	<2	<2	26	.8	<2	<2	67	.41	.031	9	106	1.20	103	.15	<3	1.97	.01	.04	<2	2
3+00N 5+50W	1	43	8	64	<.3	77	13	693	3.22	6	<5	<2	<2	29	1.0	<2	<2	62	.49	.055	9	95	1.13	87	.16	<3	1.64	.01	.04	<2	<1
3+00N 5+25W	1	36	6	76	<.3	80	15	566	3.46	11	<5	<2	2	24	.9	2	<2	62	.33	.059	10	112	1.19	85	.15	<3	1.86	.01	.05	<2	2
3+00N 5+00W	2	84	4	89	<.3	92	14	606	4.01	10	<5	<2	2	38	.8	<2	<2	67	.57	.071	12	99	1.29	115	.17	<3	1.92	.02	.07	<2	3
3+00N 4+75W	2	46	9	84	<.3	97	16	670	3.43	14	<5	<2	2	22	.8	<2	2	60	.34	.060	11	165	1.23	73	.14	<3	1.65	.01	.05	<2	4
3+00N 4+50W	1	71	8	79	<.3	85	18	709	3.90	9	<5	<2	2	25	.8	<2	<2	63	.49	.059	11	122	1.48	83	.20	<3	1.91	.01	.06	<2	2
3+00N 4+25W	1	63	8	95	<.3	188	18	1039	3.53	4	<5	<2	<2	31	1.1	2	<2	64	.51	.050	12	132	1.42	177	.11	<3	2.81	.01	.06	<2	2
3+00N 4+00W	2	178	4	97	<.3	149	27	1041	5.15	12	<5	<2	2	27	1.5	<2	<2	75	.62	.071	10	157	1.88	114	.24	<3	2.67	.01	.10	<2	2
RE 3+00N 3+00W	2	49	6	83	<.3	76	14	613	3.47	7	<5	<2	2	29	1.0	<2	<2	60	.44	.066	13	107	1.08	88	.15	<3	1.59	.01	.05	<2	4
3+00N 3+75W	2	91	8	96	<.3	137	23	858	4.73	13	<5	<2	2	30	1.5	2	<2	70	.62	.075	12	160	1.69	114	.23	<3	2.44	.01	.09	<2	3
3+00N 3+50W	2	58	9	86	<.3	91	14	580	3.64	8	<5	<2	<2	27	.9	<2	<2	66	.39	.058	12	141	1.30	116	.13	<3	2.21	.01	.06	<2	2
3+00N 3+25W	1	60	8	75	<.3	77	16	559	3.65	6	<5	<2	2	19	1.2	2	2	61	.32	.055	10	108	1.24	81	.19	<3	1.95	.01	.06	<2	4
3+00N 3+00W	2	47	8	78	<.3	73	14	598	3.27	7	<5	<2	2	28	.7	2	<2	57	.42	.062	12	99	1.02	84	.14	<3	1.49	.01	.05	<2	3
3+00N 2+75W	2	53	7	89	<.3	102	18	609	4.04	11	<5	<2	2	17	1.1	<2	<2	65	.30	.077	10	140	1.35	90	.19	<3	2.53	.01	.06	<2	1
3+00N 2+50W	1	130	9	67	<.3	96	16	810	3.64	10	<5	<2	2	30	.6	<2	<2	63	.66	.072	9	88	1.25	89	.20	<3	1.66	.02	.06	<2	1
3+00N 2+25W	2	50	5	95	<.3	108	15	559	3.38	14	<5	<2	2	19	.4	3	<2	58	.27	.065	12	174	1.23	72	.13	<3	1.70	.01	.04	<2	4
3+00N 2+00W	1	49	10	107	.3	97	14	684	4.02	13	<5	<2	2	40	.2	<2	<2	68	.58	.072	15	108	1.37	148	.13	<3	2.25	.02	.08	<2	2
3+00N 1+75W	2	90	9	101	.3	111	21	1046	4.42	15	<5	<2	2	35	<.2	<2	<2	71	.51	.077	14	109	1.47	105	.18	<3	2.07	.01	.08	<2	3
3+00N 1+50W	1	57	8	69	.3	84	14	834	3.27	10	<5	<2	2	36	<.2	<2	<2	60	.77	.077	10	74	1.13	80	.20	4	1.40	.02	.06	<2	2
3+00N 1+25W	1	50	5	86	.3	87	13	498	3.48	9	<5	<2	2	21	<.2	<2	<2	63	.28	.068	10	114	1.17	93	.12	3	2.22	.01	.05	<2	4
3+00N 1+00W	2	58	9	98	.3	77	14	684	3.87	14	<5	<2	2	23	<.2	3	<2	67	.32	.059	14	88	1.16	113	.14	3	2.11	.01	.06	<2	4
3+00N 0+75W	3	83	12	136	.3	108	18	1083	4.52	16	<5	<2	2	27	<.2	<2	<2	73	.42	.070	17	97	1.29	97	.16	3	1.89	.01	.06	<2	4
3+00N 0+50W	1	43	6	80	.5	62	12	966	3.28	8	<5	<2	2	62	<.2	<2	<2	62	1.69	.081	11	54	1.19	124	.16	4	1.60	.03	.10	<2	2
3+00N 0+25W	2	48	6	86	.5	220	19	789	3.61	17	<5	<2	<2	28	<.2	<2	<2	57	.57	.055	14	198	1.90	73	.14	5	1.73	.01	.09	<2	2
3+00S 23+00E	2	30	12	103	.3	98	15	798	4.18	12	<5	<2	<2	17	<.2	<2	<2	56	.21	.064	8	94	1.14	66	.09	3	2.48	.01	.04	<2	1
3+00S 23+25E	3	26	12	109	.3	101	16	1040	4.97	15	<5	<2	<2	16	.5	<2	<2	65	.18	.091	7	114	1.18	86	.05	<3	2.03	.01	.04	<2	2
3+00S 23+50E	3	37	10	121	<.3	139	16	706	4.27	15	<5	<2	<2	17	1.2	<2	<2	52	.23	.084	9	110	1.42	60	.07	3	2.03	.01	.05	<2	2
3+00S 23+75E	3	26	10	78	<.3	41	7	467	4.48	8	<5	<2	<2	12	1.1	3	<2	49	.15	.113	10	71	.70	53	.05	<3	2.47	.01	.04	<2	3
3+00S 24+00E	3	39	10	118	.3	131	15	559	4.38	13	<5	<2	<2	17	1.1	2	2	48	.24	.070	8	124	1.41	61	.07	<3	2.57	.01	.04	<2	2
3+00S 24+25E	2	41	12	142	.4	107	20	2318	3.99	14	<5	<2	<2	29	1.7	2	<2	54	.28	.150	16	134	.81	119	.03	<3	2.38	.01	.07	<2	2
STANDARD C/AU-S	18	59	35	127	6.9	68	30	1157	4.00	44	19	7	36	51	17.3	16	23	61	.52	.095	39	58	.96	185	.09	29	1.92	.06	.16	10	47

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
3+00S 24+50E	3	25	10	165	.3	98	14	729	4.01	10	<5	<2	<2	32	1.0	<2	3	54	.40	.060	12	104	1.17	67	.08	3	1.88	.01	.07	<2	2
3+00S 24+75E	3	58	11	154	1.0	195	16	735	4.04	14	<5	<2	<2	42	1.6	<2	2	51	.44	.052	31	139	1.30	109	.08	3	2.16	.01	.08	<2	3
4+00S 23+00E	3	18	7	78	.3	45	7	725	3.69	5	<5	<2	<2	13	.3	3	<2	58	.11	.069	7	90	.67	91	.09	3	1.70	.01	.05	<2	2
4+00S 23+25E	4	26	11	122	<.3	116	20	1155	5.16	11	<5	<2	<2	16	.9	<2	<2	49	.20	.148	6	123	1.68	69	.09	<3	2.04	.01	.05	<2	1
4+00S 23+50E	4	32	10	135	.5	124	18	981	4.87	8	<5	<2	<2	18	1.0	<2	<2	54	.23	.087	7	146	1.64	70	.08	4	2.43	.01	.05	<2	2
4+00S 23+75E	4	25	11	107	.3	74	9	429	4.18	5	<5	<2	<2	12	.6	<2	<2	45	.14	.075	9	92	1.11	71	.05	<3	2.63	.01	.05	<2	41
4+00S 24+00E	3	32	12	115	<.3	129	19	952	4.36	12	<5	<2	<2	18	.7	2	<2	52	.23	.083	7	120	1.45	68	.09	4	2.55	.01	.05	<2	2
4+00S 24+25E	3	22	9	82	.3	62	13	983	4.42	6	<5	<2	<2	16	.3	<2	2	59	.16	.079	6	100	.88	56	.08	<3	2.29	.01	.05	<2	1
4+00S 24+50E	2	17	11	72	.3	48	7	389	4.61	6	<5	<2	<2	18	.4	<2	2	74	.16	.053	9	103	.74	66	.13	<3	2.70	.01	.05	<2	1
4+00S 24+75E	2	32	8	89	.5	174	14	674	3.63	12	<5	<2	<2	37	.8	<2	<2	54	.50	.073	13	118	1.51	70	.11	4	1.68	.02	.06	<2	3
5+00N 15+00W	1	36	4	63	.6	230	23	660	6.07	3	<5	<2	<2	10	<.2	<2	2	93	.26	.128	5	235	2.12	52	.22	<3	1.84	.01	.05	<2	1
5+00N 14+75W	1	43	6	79	.6	139	17	526	6.96	7	<5	<2	<2	10	<.2	<2	<2	125	.24	.206	6	222	1.42	85	.21	<3	2.14	.01	.05	<2	1
5+00N 14+50W	1	81	5	102	.4	140	28	1011	4.65	<2	<5	<2	<2	17	.3	<2	2	83	.56	.046	6	148	1.44	104	.23	<3	2.28	.01	.06	<2	<1
5+00N 14+25W	1	57	7	88	.6	117	17	540	7.77	5	<5	<2	<2	11	.8	<2	<2	106	.26	.109	4	175	1.45	72	.35	<3	2.61	.01	.06	<2	<1
5+00N 14+00W	1	54	7	68	.5	134	17	522	6.94	4	<5	<2	<2	11	.5	<2	<2	138	.29	.117	3	222	1.48	83	.41	<3	2.25	.01	.04	<2	<1
5-00N 13+75W	1	31	3	75	.6	93	14	495	5.92	<2	<5	<2	<2	9	.5	<2	<2	131	.25	.089	4	174	1.26	77	.39	<3	2.19	.01	.05	<2	2
5-00N 13+50W	1	100	5	102	.5	185	26	737	7.82	3	<5	<2	<2	11	.7	<2	2	94	.31	.099	4	223	1.90	120	.22	<3	3.29	.01	.04	<2	<1
RE 5+00N 10+25W	1	188	6	94	.5	653	45	1542	5.36	8	<5	<2	<2	22	1.1	<2	<2	71	.62	.054	11	443	4.92	113	.12	3	2.49	.02	.07	<2	1
5-00N 13+25W	1	86	5	90	.5	119	20	581	7.46	<2	<5	<2	<2	9	.8	<2	2	114	.27	.156	4	172	1.54	68	.24	<3	3.48	.01	.04	<2	1
5-00N 13+00W	1	87	6	88	.6	141	21	575	7.89	2	<5	<2	<2	10	.8	<2	<2	112	.29	.147	4	173	1.64	63	.25	<3	2.86	.01	.05	<2	1
5-00N 12+75W	1	84	5	78	.4	192	23	614	7.15	5	<5	<2	<2	17	.7	<2	2	110	.66	.062	6	213	2.02	78	.34	<3	2.57	.01	.04	<2	<1
5-00N 12+50W	2	24	9	74	.6	95	12	361	6.36	5	<5	<2	<2	12	.8	<2	2	145	.17	.073	6	167	1.06	67	.36	<3	1.97	.01	.03	<2	1
5-00N 12+25W	2	36	4	75	.5	112	14	419	6.83	2	<5	<2	<2	12	.7	<2	<2	111	.29	.101	5	180	1.25	133	.31	<3	1.94	.01	.05	<2	1
5-00N 12+00W	1	44	8	79	<.3	262	22	627	5.39	50	<5	<2	<2	16	.6	<2	<2	83	.29	.064	6	211	2.39	105	.16	3	1.99	.01	.04	<2	<1
5-00N 11+75W	3	845	15	174	1.4	1381	60	7370	7.80	10	<5	<2	2	26	2.1	<2	2	100	.76	.116	21	305	2.33	283	.06	<3	7.03	.02	.16	<2	2
5+00N 11+50W	1	68	6	112	.4	164	23	1065	4.26	6	<5	<2	<2	22	.7	<2	<2	71	.51	.058	10	162	1.25	104	.17	<3	2.02	.01	.06	<2	<1
5+00N 11+25W	1	49	5	88	.4	197	19	609	5.15	8	<5	<2	<2	16	.7	<2	<2	76	.39	.068	7	182	1.56	86	.19	<3	2.05	.01	.05	<2	8
5+00N 11+00W	1	77	5	72	.3	357	29	600	4.86	6	<5	<2	<2	17	.8	<2	<2	63	.49	.051	7	220	2.71	66	.18	<3	2.23	.01	.04	<2	1
5+00N 10+75W	2	134	9	90	.5	363	32	891	5.48	10	<5	<2	<2	28	.8	<2	<2	74	.79	.083	14	221	1.99	115	.11	<3	2.53	.01	.06	<2	<1
5+00N 10+50W	1	101	9	89	.5	304	31	674	4.77	6	<5	<2	<2	23	1.2	<2	2	70	.66	.061	9	175	1.54	108	.16	<3	2.25	.01	.05	<2	1
5+00N 10+25W	1	183	7	91	.6	588	43	1473	5.13	9	<5	<2	<2	21	1.1	<2	<2	68	.60	.052	11	426	4.70	110	.12	3	2.39	.02	.07	<2	<1
5+00N 10+00W	1	221	8	95	.4	295	30	1266	4.36	11	<5	<2	<2	26	1.1	<2	<2	68	.60	.052	15	159	1.58	104	.13	<3	2.12	.01	.05	<2	1
5+00N 9+50W	1	73	4	63	.3	192	19	634	3.28	4	<5	<2	<2	21	.5	<2	2	52	.54	.059	9	151	1.69	55	.20	3	1.59	.01	.05	<2	<1
5+00N 9+25W	2	398	11	88	1.1	748	29	1143	4.20	11	<5	<2	<2	59	1.6	<2	<2	57	1.99	.185	40	208	1.36	226	.03	3	3.83	.01	.10	<2	2
5+00N 9+00W	1	50	6	76	.4	155	16	499	4.95	7	<5	<2	<2	16	.6	2	<2	74	.36	.054	6	166	1.44	99	.20	<3	2.02	.01	.04	<2	<1
STANDARD C/AU-S	18	59	36	122	6.7	68	30	1185	3.98	42	18	7	36	50	17.1	17	20	60	.51	.093	39	62	.94	182	.09	28	1.93	.06	.16	10	46

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5+00N 8+75W	1	44	3	66	.3	130	15	477	3.69	6	<5	<2	<2	15	.5	4	2	59	.38	.037	6	144	1.44	64	.20	3	1.81	.01	.03	<2	4
5+00N 8+25W	1	57	5	105	.4	115	16	655	3.75	7	<5	<2	<2	28	.2	<2	<2	69	.41	.025	9	101	.95	145	.12	3	1.61	.01	.04	<2	<1
RE 5+00W 6+75W	1	42	5	64	.3	133	13	414	3.38	4	<5	<2	<2	18	.5	5	<2	62	.41	.037	7	125	1.55	92	.23	4	2.14	.01	.02	<2	<1
5+00N 8+00W	2	54	8	98	.4	104	13	679	3.68	8	<5	<2	<2	26	.4	2	<2	76	.36	.045	10	68	.77	152	.06	3	1.85	.01	.04	<2	2
5+00N 7+75W	2	22	8	72	.5	53	7	247	4.80	8	<5	<2	<2	17	.4	3	<2	131	.20	.078	8	94	.56	135	.22	4	1.83	.01	.04	<2	1
5+00N 7+50W	2	60	8	128	.9	248	24	589	6.99	10	<5	<2	<2	20	.7	4	<2	94	.27	.163	9	124	.94	190	.09	4	3.94	.01	.05	<2	1
5+00N 7+25W	2	54	13	118	.4	178	21	606	4.74	11	<5	<2	<2	25	.4	2	<2	87	.33	.065	9	119	1.09	166	.12	4	2.29	.01	.04	<2	1
5+00N 7+00W	1	65	5	94	.4	217	20	549	5.28	4	<5	<2	<2	21	.3	<2	2	87	.34	.053	7	156	1.49	127	.19	6	2.79	.01	.04	<2	<1
5+00N 6+75W	1	41	4	63	.3	124	13	390	3.22	3	<5	<2	<2	18	.2	2	<2	59	.39	.036	7	120	1.47	88	.22	3	2.06	.01	.03	<2	1
5+00N 6+50W	1	40	9	69	.4	113	12	365	3.04	3	<5	<2	<2	18	.2	5	<2	58	.34	.049	7	102	1.18	105	.15	3	1.92	.01	.03	<2	27
5+00N 6+25W	1	152	7	95	.5	391	19	902	3.83	2	<5	<2	<2	33	.6	<2	<2	60	.64	.090	23	153	1.33	200	.06	4	2.90	.01	.07	<2	4
5+00N 6+00W	1	49	4	51	.3	127	15	536	3.09	4	<5	<2	2	24	.2	4	2	53	.52	.062	10	129	1.43	68	.20	4	1.51	.01	.04	<2	4
5+00N 5+75W	1	26	<3	68	<.3	88	10	362	2.51	<2	<5	<2	<2	19	.3	2	2	52	.44	.044	6	96	1.24	92	.16	3	1.65	.01	.04	<2	1
5+00N 5+50W	1	50	<3	69	<.3	114	16	559	2.94	3	<5	<2	<2	23	<.2	<2	2	57	.48	.058	8	105	1.24	92	.15	4	1.75	.01	.04	<2	4
5+00N 5+00W	1	52	4	64	<.3	182	20	623	3.84	5	<5	<2	<2	21	<.2	2	2	61	.45	.062	8	141	1.63	91	.17	5	1.99	.01	.04	<2	4
5+00N 4+75W	1	54	6	77	<.3	153	12	428	3.16	7	<5	<2	<2	25	<.2	<2	2	59	.43	.039	13	112	1.18	106	.14	4	1.98	.01	.04	<2	5
5+00N 4+50W	1	46	6	68	<.3	93	11	405	3.03	4	<5	<2	2	28	.2	3	<2	57	.48	.056	14	90	1.13	90	.13	3	1.65	.01	.05	<2	5
5+00N 4+25W	1	42	6	77	.3	82	12	537	3.08	5	<5	<2	<2	25	.3	2	<2	60	.38	.036	12	102	1.08	98	.11	3	1.81	.01	.04	<2	3
5+00N 4+00W	1	38	6	69	<.3	95	13	510	3.17	6	<5	<2	2	26	<.2	3	<2	57	.47	.056	11	103	1.21	74	.15	4	1.58	.01	.04	<2	3
5+00N 3+75W	1	43	4	47	<.3	119	14	534	2.98	5	<5	<2	<2	24	<.2	2	<2	53	.55	.073	9	107	1.32	50	.19	3	1.19	.01	.04	<2	4
5+00N 3+50W	1	34	4	61	<.3	79	10	463	2.31	3	<5	<2	<2	28	<.2	3	<2	49	.44	.042	12	81	.87	148	.09	<3	1.61	.01	.05	<2	3
5+00N 3+25W	1	42	<3	61	<.3	97	13	541	2.91	2	<5	<2	<2	27	<.2	<2	<2	54	.51	.063	11	93	1.17	76	.16	3	1.39	.01	.04	<2	7
5+00N 3+00W	1	48	6	58	<.3	86	13	502	2.93	2	<5	<2	<2	26	<.2	<2	2	53	.52	.059	11	96	1.08	72	.17	3	1.34	.01	.04	<2	6
5+00N 2+75W	3	64	9	111	<.3	85	14	663	3.92	10	<5	<2	3	33	.3	<2	<2	63	.59	.069	15	82	1.13	102	.14	3	1.72	.02	.06	<2	6
5+00N 2+50W	2	43	8	105	<.3	85	15	1004	3.65	6	<5	<2	<2	38	.4	2	<2	63	.67	.073	13	112	1.24	143	.10	3	2.00	.02	.06	<2	3
5+00N 1+50W	1	33	5	51	<.3	59	8	308	2.51	3	<5	<2	<2	19	.3	<2	<2	57	.39	.044	8	83	.75	67	.17	4	1.63	.01	.03	<2	4
5+00N 1+00W	1	26	7	93	<.3	117	11	456	3.13	4	<5	<2	2	22	<.2	3	<2	50	.43	.058	10	140	1.51	79	.18	4	1.71	.01	.05	<2	2
5+00N 0+75W	2	39	5	86	<.3	145	18	621	3.47	11	<5	<2	<2	25	<.2	2	<2	56	.38	.075	13	123	1.08	133	.06	3	2.09	.01	.05	<2	4
5+00N 0+50W	2	47	6	92	.3	318	27	931	3.99	15	<5	<2	2	18	.6	2	<2	45	.38	.051	10	265	3.34	61	.09	12	1.46	.01	.09	<2	4
5+00N 0+25W	5	56	4	105	.3	181	18	557	5.73	26	<5	<2	2	18	<.2	2	<2	74	.47	.066	12	173	1.94	61	.17	4	2.02	.01	.10	<2	4
5+00S 1+75W	2	69	5	94	<.3	139	17	764	3.86	10	<5	<2	2	33	.5	<2	<2	67	.60	.066	13	148	1.30	98	.15	4	1.79	.02	.07	<2	6
5+00S 23+00E	3	30	9	89	.5	70	12	701	4.55	14	<5	<2	<2	14	.2	3	<2	61	.17	.083	8	91	.99	62	.07	4	2.47	.01	.05	<2	3
5+00S 23+25E	3	35	12	87	.4	44	12	690	4.97	10	<5	<2	<2	17	.6	<2	2	53	.20	.147	11	73	.90	64	.09	4	2.45	.01	.06	<2	5
5+00S 23+50E	1	23	6	91	.3	72	10	530	4.15	6	<5	<2	<2	15	<.2	<2	<2	74	.20	.064	7	96	1.05	66	.09	3	2.25	.01	.05	<2	3
5+00S 23+75E	2	24	8	76	.3	44	7	494	3.69	8	<5	<2	<2	14	.2	<2	<2	60	.14	.071	9	79	.74	62	.10	<3	2.13	.01	.05	<2	3
STANDARD C/AU-S	19	59	37	123	6.9	68	30	1113	3.93	42	20	7	36	50	17.8	18	18	59	.50	.094	43	61	.93	173	.08	29	1.85	.06	.15	10	51

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
5+00S 24+00E	3	57	7	157	.7	180	21	974	5.25	17	<5	<2	2	55	.6	<2	<2	78	.65	.079	15	107	1.81	105	.25	<3	2.13	.02	.06	<2	3
5+00S 24+25E	2	29	12	92	.3	159	15	560	4.63	11	<5	<2	<2	36	.3	2	<2	65	.51	.070	6	132	1.55	61	.09	3	2.24	.01	.05	<2	2
5+00S 24+50E	2	44	9	93	.3	295	34	1117	4.43	9	<5	<2	<2	26	.6	<2	2	61	.52	.078	7	141	2.80	64	.19	4	1.91	.01	.07	<2	<1
5+00S 24+75E	2	48	10	81	.5	236	24	916	3.85	9	<5	<2	<2	29	.4	<2	<2	59	.39	.065	10	124	1.48	73	.09	3	2.23	.01	.05	<2	1
5+00S 25+00E	2	35	12	95	<.3	72	10	477	4.28	10	<5	<2	<2	16	.3	4	<2	50	.19	.076	10	77	1.19	67	.06	3	2.87	.01	.05	<2	18
6+00S 23+00E	4	34	8	128	.5	59	9	585	4.76	7	<5	<2	<2	17	.6	<2	<2	60	.20	.090	8	70	.94	72	.09	3	2.06	.01	.06	<2	3
6+00S 23+25E	6	44	12	177	.4	49	6	653	4.90	16	<5	<2	<2	27	.6	<2	<2	42	.24	.083	7	91	.79	113	.14	<3	1.89	.01	.05	<2	1
6+00S 23+50E	2	25	12	88	.6	88	13	751	4.91	9	<5	<2	<2	20	.7	2	<2	69	.20	.072	8	152	1.15	122	.10	<3	1.82	.01	.05	<2	2
6+00S 23+75E	2	30	11	88	20.2	76	11	581	4.78	10	<5	<2	<2	18	.5	2	<2	66	.23	.087	7	116	1.00	78	.06	3	2.25	.01	.05	<2	4
6+00S 24+00E	10	26	16	89	.4	82	19	1030	5.71	14	<5	<2	<2	12	.4	4	<2	53	.17	.113	8	82	.94	74	.03	3	2.06	.01	.07	<2	2
6+00S 24+25E	2	29	10	104	.4	138	18	718	4.88	10	<5	<2	<2	17	.7	2	<2	65	.18	.053	9	167	1.56	74	.10	4	1.98	.01	.04	<2	3
6+00S 24+50E	2	23	12	77	.4	77	10	473	5.25	5	<5	<2	<2	13	.4	<2	<2	88	.11	.063	7	133	.97	75	.10	<3	1.78	.01	.04	<2	4
6+00S 24+75E	2	15	11	63	<.3	25	6	567	3.08	5	<5	<2	<2	15	.5	4	<2	46	.16	.084	8	60	.56	87	.05	<3	1.43	.01	.07	<2	7
7+00N 11+00W	2	113	6	92	.4	258	36	994	5.46	<2	<5	<2	<2	20	.4	<2	<2	83	.49	.054	9	192	2.00	138	.18	<3	2.46	.01	.06	<2	2
7+00N 10+75W	1	87	7	93	.5	193	23	722	5.52	2	<5	<2	<2	20	.2	2	<2	90	.52	.052	7	200	1.74	126	.26	<3	2.27	.01	.05	<2	1
7+00N 10+50W	1	24	3	76	.4	100	16	602	4.44	<2	<5	<2	<2	12	<.2	<2	<2	80	.31	.071	6	158	1.33	86	.28	<3	1.65	.01	.05	<2	5
7+00N 10+25W	1	27	5	53	.4	98	13	988	2.95	<2	<5	<2	<2	10	.2	<2	2	68	.31	.046	5	200	1.12	90	.27	<3	1.57	.01	.04	<2	2
7+00N 10+00W	1	63	6	132	.6	563	43	1089	5.92	<2	<5	<2	<2	13	.8	<2	<2	83	.27	.095	8	154	4.38	122	.16	<3	1.54	.01	.05	<2	6
7+00N 9+75W	1	44	5	75	.4	183	19	484	5.96	6	<5	<2	<2	14	.5	3	<2	98	.31	.102	5	199	1.70	96	.24	3	1.92	.01	.05	<2	<1
7+00N 9+50W	1	51	5	76	.3	169	20	579	4.42	4	<5	<2	<2	15	.4	2	<2	67	.43	.051	5	174	1.93	73	.29	3	2.22	.01	.04	<2	2
7+00N 9+25W	1	122	9	102	.5	400	42	2260	5.17	2	<5	<2	<2	23	.6	2	<2	73	.40	.118	11	205	2.97	125	.09	4	2.49	.01	.08	<2	3
7+00N 9+00W	2	371	10	105	1.0	658	43	1688	6.70	14	<5	<2	<2	32	1.1	<2	<2	95	.61	.102	24	291	2.20	208	.07	<3	4.33	.01	.11	<2	2
7+00N 8+75W	<1	107	7	73	.4	181	30	877	5.16	<2	<5	<2	<2	35	.5	<2	<2	78	.50	.109	7	106	2.39	97	.06	<3	3.61	.01	.07	<2	1
7+00N 8+50W	2	88	8	75	.4	304	33	1410	5.30	11	<5	<2	<2	26	.6	2	<2	90	.62	.071	8	230	2.40	109	.18	3	2.51	.01	.06	<2	1
RE 7+00N 7+50W	1	54	7	48	<.3	215	21	601	3.28	2	<5	<2	<2	18	.2	<2	<2	52	.38	.051	8	136	1.61	58	.18	4	1.72	.01	.03	<2	1
7+00N 8+25W	1	67	7	75	.4	244	24	1004	4.30	5	<5	<2	<2	19	.4	2	<2	65	.44	.042	7	217	2.37	75	.16	4	1.85	.01	.05	<2	<1
7+00N 8+00W	1	187	9	67	.5	414	18	297	2.77	6	<5	<2	<2	24	.7	<2	<2	63	.46	.063	15	203	1.26	109	.09	3	2.54	.01	.04	<2	2
7+00N 7+75W	1	30	7	63	.3	118	13	423	4.32	4	<5	<2	<2	16	<.2	<2	<2	85	.34	.023	4	155	1.66	81	.27	3	1.94	.01	.03	<2	1
7+00N 7+50W	1	55	5	48	<.3	223	21	610	3.38	2	<5	<2	<2	18	.3	3	<2	54	.39	.052	8	143	1.66	59	.18	3	1.77	.01	.03	<2	1
7+00N 7+25W	1	54	4	47	.3	61	5	147	3.01	3	<5	<2	<2	21	.3	<2	<2	69	.24	.039	8	140	.54	148	.14	3	1.68	.01	.03	<2	1
7+00N 7+00W	1	30	4	80	.3	119	16	554	3.90	2	<5	<2	<2	19	.3	<2	2	76	.43	.038	5	176	1.45	92	.22	3	1.75	.01	.04	<2	1
7+00N 6+75W	1	52	9	58	<.3	98	10	364	2.77	2	<5	<2	<2	22	.4	2	<2	57	.44	.038	7	101	1.18	88	.14	<3	1.83	.01	.04	<2	<1
7+00N 6+50W	1	22	7	64	<.3	91	12	383	3.26	4	<5	<2	<2	16	.2	4	3	62	.38	.043	5	128	1.46	60	.22	<3	1.59	.01	.04	<2	1
7+00N 6+25W	1	101	9	122	.3	266	27	1720	5.60	5	<5	<2	<2	22	.7	<2	<2	87	.45	.080	8	259	1.98	146	.13	3	2.50	.01	.06	<2	1
7+00N 6+00W	1	132	10	35	.6	288	14	541	2.06	4	6	<2	<2	50	.3	<2	<2	30	1.26	.100	32	93	.97	164	.03	5	1.51	.01	.04	<2	<1
STANDARD C/AU-S	19	61	39	127	7.2	68	31	1137	4.06	41	18	7	37	51	17.8	17	20	61	.51	.096	40	60	.94	180	.08	29	1.91	.06	.15	10	46

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
7+00N 5+75W	1	16	9	52	.3	69	10	299	2.44	<2	<5	<2	<2	19	.2	2	<2	68	.31	.020	7	130	1.06	95	.24	<3	1.42	.01	.03	<2	1
7+00N 5+50W	1	22	10	61	.3	103	13	451	4.73	5	<5	<2	<2	13	.4	3	<2	80	.31	.174	5	160	1.36	101	.18	<3	1.73	.01	.03	<2	1
7+00N 5+25W	2	77	10	68	<.3	200	18	644	3.98	5	<5	<2	<2	24	.2	3	<2	62	.54	.064	10	179	1.85	83	.22	<3	1.80	.01	.07	<2	1
7+00N 5+00W	1	27	8	22	<.3	58	7	224	1.65	3	<5	<2	<2	17	.2	<2	2	47	.25	.022	7	113	.41	107	.18	<3	.97	.01	.02	<2	1
7+00N 4+75W	1	25	5	61	<.3	123	13	481	2.88	<2	<5	<2	<2	22	<.2	<2	<2	54	.35	.043	5	124	1.41	79	.14	<3	1.48	.01	.05	<2	<1
7+00N 4+50W	1	35	10	72	<.3	95	18	838	3.88	6	<5	<2	<2	21	.2	<2	<2	76	.43	.029	4	126	1.62	74	.14	<3	1.68	.01	.04	<2	1
7+00N 4+25W	1	26	5	62	<.3	173	17	459	3.01	2	<5	<2	<2	19	<.2	<2	<2	51	.41	.043	5	157	2.17	80	.14	<3	1.56	.01	.04	<2	<1
7+00N 4+00W	1	47	7	55	<.3	120	10	313	2.97	2	<5	<2	<2	22	.2	2	2	54	.36	.037	9	102	1.12	74	.14	<3	1.88	.01	.03	<2	<1
7+00N 3+75W	1	60	8	69	.3	162	17	715	3.76	5	<5	<2	<2	28	.4	2	<2	63	.57	.065	9	123	1.58	88	.20	<3	1.72	.01	.07	<2	<1
7+00N 3+50W	1	38	9	63	.3	116	13	491	3.09	3	<5	<2	<2	26	.4	<2	<2	59	.43	.048	12	109	1.22	128	.16	<3	1.92	.01	.04	<2	1
7+00N 3+25W	1	26	12	72	.3	71	10	347	3.05	4	<5	<2	<2	19	.2	3	<2	62	.23	.039	9	89	.85	126	.11	<3	2.00	.01	.04	<2	<1
7+00N 3+00W	1	53	10	101	.3	185	15	776	3.20	4	<5	<2	<2	32	.3	<2	<2	57	.50	.069	10	107	1.13	176	.07	<3	2.53	.01	.06	<2	<1
7+00N 2+75W	3	61	10	99	.3	67	14	624	3.79	8	<5	<2	3	27	.3	<2	<2	62	.39	.069	17	74	1.13	100	.15	<3	1.79	.01	.06	<2	2
7+00N 2+50W	1	55	9	65	<.3	129	17	811	3.66	5	<5	<2	<2	24	.2	<2	<2	62	.47	.069	12	116	1.46	89	.21	3	1.68	.01	.05	<2	1
7+00N 2+25W	3	63	12	101	.4	80	13	637	3.84	9	<5	<2	3	37	.4	<2	2	62	.61	.071	15	67	1.04	100	.13	<3	1.59	.02	.07	<2	2
7+00N 2+00W	2	57	9	89	<.3	103	16	717	3.57	5	<5	<2	2	24	.3	<2	<2	57	.44	.064	13	83	1.19	83	.14	<3	1.66	.01	.05	<2	2
7+00N 1+75W	1	42	8	67	<.3	76	13	627	3.04	5	<5	<2	2	28	.3	<2	2	55	.45	.058	14	80	1.07	78	.16	<3	1.41	.01	.05	<2	2
7+00N 1+50W	3	68	14	114	<.3	77	17	611	3.79	7	<5	<2	3	21	.7	2	2	61	.31	.063	18	81	1.10	98	.13	<3	1.79	.01	.05	<2	2
7+00N 1+25W	1	51	13	116	.3	101	14	811	3.84	8	<5	<2	2	34	.4	2	<2	63	.50	.081	16	92	1.19	124	.14	3	1.90	.02	.06	<2	1
7+00N 1+00W	2	65	10	98	.4	100	13	698	3.99	8	<5	<2	<2	36	.6	<2	<2	65	.53	.089	17	103	1.22	167	.10	<3	2.02	.01	.06	<2	2
7+00N 0+75W	4	85	12	141	<.3	84	16	821	4.08	7	<5	<2	3	22	.9	2	2	59	.34	.058	17	69	1.13	87	.16	<3	1.62	.01	.07	<2	2
7+00N 0+50W	7	107	17	194	<.3	79	17	1002	4.75	8	<5	<2	4	20	1.1	<2	<2	52	.28	.079	22	62	1.28	79	.11	<3	1.73	.01	.09	<2	4
7+00N 0+25W	3	41	8	103	<.3	58	13	671	3.41	4	<5	<2	<2	27	.7	<2	<2	57	.43	.065	14	85	1.04	98	.12	<3	1.60	.01	.06	<2	2
7+00S 8+00W	2	109	12	115	.4	150	24	1754	5.28	10	<5	<2	<2	33	1.1	<2	<2	84	.80	.077	15	160	1.45	209	.09	<3	3.42	.01	.11	<2	1
RE 7+00S 8+00W	2	103	11	110	.4	145	23	1696	5.07	8	<5	<2	<2	31	.9	<2	<2	81	.77	.073	14	153	1.39	200	.09	<3	3.20	.01	.11	<2	1
7+00S 7+75W	1	116	10	102	.4	145	21	993	4.46	5	<5	<2	<2	28	.6	<2	<2	72	.74	.061	14	153	1.55	159	.13	<3	2.73	.01	.09	<2	2
7+00S 7+50W	2	44	11	152	.4	91	17	510	4.41	8	<5	<2	<2	21	.7	3	2	74	.40	.049	9	123	1.21	145	.15	<3	2.36	.01	.06	<2	<1
7+00S 7+25W	1	62	8	68	<.3	129	20	757	3.93	4	<5	<2	<2	20	.2	<2	2	63	.57	.062	9	141	1.95	65	.22	<3	1.96	.01	.05	<2	1
7+00S 7+00W	1	68	10	77	.3	117	22	1141	4.17	3	<5	<2	<2	20	.9	2	<2	63	.66	.083	10	152	1.70	80	.21	<3	2.12	.01	.06	<2	1
7+00S 6+75W	1	39	6	66	<.3	94	16	655	3.51	5	<5	<2	2	21	.2	<2	<2	56	.57	.070	9	130	1.43	72	.22	<3	1.77	.01	.05	<2	1
7+00S 6+50W	2	55	9	84	<.3	120	20	713	4.18	9	<5	<2	<2	24	.7	<2	<2	68	.59	.067	9	124	1.45	89	.15	<3	2.15	.01	.06	<2	<1
7+00S 6+25W	2	66	13	86	.3	119	16	894	4.14	13	<5	<2	2	38	.5	4	<2	70	.62	.078	14	105	1.31	107	.12	3	1.79	.02	.08	<2	2
7+00S 6+00W	1	49	8	83	.3	112	16	755	3.82	8	<5	<2	2	43	.4	<2	<2	66	.65	.079	14	96	1.30	104	.13	<3	1.68	.02	.07	<2	3
7+00S 5+75W	1	35	9	66	<.3	56	10	626	3.12	4	<5	<2	2	41	.3	2	<2	63	.54	.068	12	57	.74	95	.14	<3	1.33	.02	.04	<2	1
7+00S 5+50W	1	46	8	65	<.3	69	14	604	3.26	5	<5	<2	<2	27	.3	<2	<2	62	.46	.042	10	92	1.03	89	.12	<3	1.75	.01	.04	<2	3
STANDARD C/AU-S	18	59	37	124	6.8	67	30	1130	4.00	43	19	7	36	50	17.5	16	19	60	.51	.093	43	60	.94	175	.09	27	1.89	.06	.16	10	50

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
7+00S 5+25W	1	68	9	76	<.3	85	12	544	3.02	4	<5	<2	<2	33	.5	2	<2	54	.82	.066	12	87	.96	132	.06	<3	1.91	.01	.06	<2	2
7+00S 5+00W	1	36	9	59	<.3	67	12	502	2.95	6	<5	<2	<2	24	.8	<2	<2	54	.53	.061	9	95	1.08	59	.15	<3	1.42	.01	.04	<2	12
7+00S 4+75W	1	42	10	69	<.3	65	10	523	2.96	5	<5	<2	<2	33	.5	<2	<2	55	.60	.067	12	82	.92	108	.09	<3	1.57	.01	.05	<2	2
7+00S 4+50W	1	44	13	73	<.3	68	12	547	3.14	6	<5	<2	<2	30	.9	2	<2	62	.60	.054	11	92	.99	117	.09	<3	1.82	.01	.05	<2	2
7+00S 4+25W	1	67	9	84	<.3	103	16	680	3.75	8	<5	<2	2	30	.8	2	<2	65	.56	.068	12	130	1.30	91	.15	<3	1.81	.01	.07	<2	4
7+00S 4+00W	1	39	10	67	<.3	80	13	515	3.14	4	<5	<2	2	25	1.0	2	<2	58	.40	.066	13	95	1.08	88	.14	<3	1.66	.01	.04	<2	3
7+00S 3+75W	1	61	16	117	<.3	65	18	1048	4.41	8	<5	<2	2	51	.6	2	<2	75	.61	.075	16	63	1.23	177	.10	<3	2.43	.02	.10	<2	2
7+00S 3+50W	2	48	12	99	<.3	118	20	938	3.87	14	<5	<2	<2	27	1.0	<2	<2	62	.45	.066	12	137	1.36	111	.09	3	1.94	.01	.07	<2	2
8+00S 20+00E	8	36	18	122	.4	52	10	776	4.64	2	<5	<2	<2	12	1.1	4	<2	45	.18	.152	10	60	1.05	60	.02	<3	2.07	.01	.04	<2	2
8+00S 20+25E	4	34	13	107	.4	142	12	384	4.05	6	<5	<2	<2	11	.5	3	<2	47	.13	.071	12	150	1.45	71	.04	3	2.09	.01	.05	<2	5
RE 8+00S 22+25E	2	35	11	73	<.3	164	19	726	3.43	8	<5	<2	<2	19	.8	4	<2	55	.30	.042	11	114	1.48	83	.13	3	1.70	.01	.05	<2	3
8+00S 20+50E	5	39	15	118	<.3	93	16	1537	4.42	4	<5	<2	<2	17	.8	<2	<2	40	.24	.099	14	70	.84	77	.08	<3	2.12	.01	.05	<2	3
8+00S 20+75E	9	64	20	153	.3	96	12	546	6.03	9	<5	<2	<2	21	.6	<2	<2	51	.14	.078	10	123	1.06	105	.09	<3	2.12	.01	.05	<2	4
8+00S 21+00E	18	78	20	163	<.3	80	12	633	7.00	22	<5	<2	<2	13	.7	5	<2	49	.10	.098	8	86	.92	107	.08	<3	2.28	.01	.04	<2	4
8+00S 21+25E	4	36	15	105	.3	47	11	657	3.74	13	<5	<2	<2	15	.8	2	<2	43	.19	.112	13	51	.63	74	.07	<3	2.64	.01	.04	<2	3
8+00S 21+50E	3	38	16	101	<.3	150	14	487	3.90	8	<5	<2	<2	13	.9	2	<2	47	.18	.062	13	145	1.55	67	.05	3	1.72	.01	.05	<2	6
8+00S 21+75E	3	61	13	116	<.3	239	23	745	3.91	9	<5	<2	3	14	.7	2	<2	52	.18	.050	14	121	1.65	68	.09	3	2.09	.01	.06	<2	5
8+00S 22+00E	3	39	17	120	<.3	108	16	1044	4.22	15	<5	<2	<2	19	.9	2	2	40	.25	.078	11	95	1.22	97	.11	3	2.31	.01	.06	<2	3
8+00S 22+25E	2	38	11	78	<.3	174	20	778	3.58	9	<5	<2	2	20	.6	<2	2	58	.32	.045	12	117	1.57	88	.14	4	1.78	.01	.05	<2	3
8+00S 22+50E	2	38	12	98	<.3	74	10	537	3.57	10	<5	<2	4	38	.5	<2	<2	51	.49	.074	21	43	.82	109	.12	3	1.60	.01	.07	<2	9
8+00S 22+75E	4	49	13	142	.4	117	29	1293	4.63	11	<5	<2	<2	19	.3	<2	2	49	.23	.078	12	125	1.16	85	.15	5	2.57	.01	.08	<2	3
8+00S 23+00E	4	36	12	110	.5	147	15	535	4.04	12	<5	<2	<2	16	<.2	2	<2	52	.22	.063	12	130	1.30	89	.06	4	2.44	.01	.05	<2	2
8+00S 23+25E	4	26	13	77	.3	90	9	426	4.28	8	<5	<2	<2	14	.3	2	<2	57	.13	.077	9	123	1.15	66	.06	4	2.00	.01	.06	<2	3
8+00S 23+50E	4	39	17	130	<.3	47	11	967	4.68	12	<5	<2	<2	18	<.2	3	<2	53	.23	.108	9	61	.98	80	.14	<3	1.87	.01	.08	<2	4
8+00S 23+75E	3	45	13	122	<.3	125	10	447	3.90	10	<5	<2	<2	17	.4	<2	<2	49	.19	.059	11	89	1.18	86	.07	<3	2.14	.01	.05	<2	4
8+00S 24+00E	3	31	9	102	.3	69	7	335	3.45	7	<5	<2	<2	22	.4	2	<2	44	.24	.072	13	60	.81	79	.10	<3	1.99	.01	.04	<2	8
8+00S 24+25E	5	36	12	128	.3	143	10	500	4.26	9	<5	<2	<2	19	<.2	<2	<2	48	.18	.057	8	117	1.66	85	.10	4	2.46	.01	.04	<2	5
8+00S 24+50E	3	38	12	93	.3	120	11	543	3.93	10	<5	<2	<2	13	<.2	<2	2	47	.18	.074	10	117	1.17	65	.05	3	2.31	.01	.05	<2	2
8+00S 24+75E	2	55	13	115	<.3	212	23	997	3.88	10	<5	<2	2	17	.4	2	<2	54	.23	.063	12	117	1.69	85	.08	3	2.15	.01	.06	<2	3
9+00S 20+00E	3	32	15	123	<.3	204	25	816	5.28	13	<5	<2	<2	20	.2	2	<2	59	.22	.072	10	235	1.97	96	.04	5	1.92	.01	.05	<2	4
9+00S 20+25E	4	16	8	146	<.3	108	11	558	3.15	5	<5	<2	<2	19	.4	<2	<2	47	.21	.054	10	196	1.33	102	.04	4	1.68	.01	.05	<2	5
9+00S 20+50E	3	24	13	107	.6	104	12	586	4.32	4	<5	<2	<2	14	.2	4	<2	53	.14	.079	10	162	1.21	92	.05	3	1.74	.01	.06	<2	4
9+00S 20+75E	3	26	15	136	.4	58	9	735	4.70	14	<5	<2	<2	13	<.2	3	<2	51	.13	.076	10	97	.92	81	.09	3	2.07	.01	.04	<2	4
9+00S 21+00E	6	23	15	104	<.3	45	6	740	3.86	10	<5	<2	<2	18	<.2	<2	2	44	.14	.087	8	87	.72	103	.09	<3	1.33	.01	.05	<2	2
9+00S 21+25E	10	71	25	430	<.3	233	27	1049	7.24	29	<5	<2	<2	14	1.0	5	<2	48	.11	.086	9	162	1.26	127	.05	<3	2.72	.01	.04	<2	8
STANDARD C/AU-S	18	58	38	122	6.6	67	30	1148	3.93	44	18	7	36	48	17.3	16	20	59	.49	.094	42	58	.92	177	.08	28	1.82	.06	.15	9	51

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
9+00S 21+50E	1	32	10	107	<.3	96	10	491	3.88	13	<5	<2	2	19	.2	2	<2	58	.27	.077	17	67	.77	92	.07	<3	2.19	.01	.04	<2	5
9+00S 21+75E	2	29	7	91	.5	155	11	463	3.59	10	<5	<2	<2	12	.4	<2	<2	52	.13	.055	9	139	1.20	84	.05	<3	2.06	.01	.05	<2	4
9+00S 22+00E	2	30	10	99	.3	83	13	831	3.95	8	<5	<2	<2	13	.5	<2	2	56	.13	.064	10	96	.99	78	.05	<3	1.91	.01	.05	<2	1
9+00S 22+25E	2	31	6	142	.4	135	8	361	3.30	7	<5	<2	<2	24	.5	2	<2	43	.30	.058	14	86	1.01	88	.08	<3	2.03	.01	.06	<2	3
9+00S 22+50E	7	32	8	133	<.3	77	29	2957	4.81	12	<5	<2	<2	21	.7	<2	3	50	.27	.088	9	105	1.13	80	.11	<3	2.21	.01	.06	<2	1
9+00S 22+75E	4	47	11	141	.3	139	19	925	4.39	6	<5	<2	<2	17	.6	<2	<2	55	.18	.051	11	116	1.40	92	.09	<3	1.81	.01	.07	<2	25
RE 9+00S 24+00E	4	31	10	106	<.3	68	9	492	4.57	6	<5	<2	<2	11	.7	<2	3	70	.11	.063	10	93	.88	93	.04	<3	2.09	.01	.05	<2	3
9+00S 23+00E	3	34	10	122	<.3	96	12	594	4.32	7	<5	<2	<2	16	1.0	<2	2	56	.17	.071	9	132	1.20	95	.06	<3	1.61	.01	.07	<2	2
9+00S 23+25E	4	35	9	121	.4	79	15	849	4.12	7	<5	<2	<2	14	.8	4	2	46	.17	.067	8	95	.97	76	.09	3	2.35	.01	.07	<2	1
9+00S 23+50E	4	41	8	118	.3	92	15	721	4.54	7	<5	<2	<2	13	1.2	3	<2	52	.14	.082	10	108	1.13	86	.06	<3	2.12	.01	.07	<2	2
9+00S 23+75E	4	31	11	105	<.3	69	11	729	4.31	8	<5	<2	<2	16	.9	<2	2	51	.18	.065	8	91	1.03	93	.08	<3	1.93	.01	.07	<2	1
9+00S 24+00E	3	30	8	103	<.3	64	9	481	4.51	5	<5	<2	<2	11	.8	2	3	70	.10	.063	10	92	.85	93	.04	<3	2.05	.01	.05	<2	2
9+00S 24+25E	4	35	10	107	.5	51	7	377	4.28	4	<5	<2	<2	11	.9	2	<2	62	.11	.059	11	79	.76	86	.03	<3	2.11	.01	.06	<2	2
9+00S 24+50E	3	29	7	85	1.0	54	8	657	3.65	3	<5	<2	<2	12	1.2	2	<2	54	.11	.118	7	102	.48	101	.03	<3	2.26	.01	.05	<2	1
9+00S 24+75E	6	47	7	150	.4	106	12	672	4.38	8	<5	<2	<2	15	1.0	2	2	52	.17	.094	9	89	1.05	83	.04	<3	2.46	.01	.06	<2	1
10+00S 20+00E	2	23	4	103	.3	204	14	309	3.59	4	<5	<2	<2	17	1.0	<2	<2	51	.23	.048	10	205	2.00	71	.05	4	1.94	.01	.04	<2	5
10+00S 20+25E	1	44	<3	111	<.3	96	23	785	6.19	<2	<5	<2	<2	13	1.5	<2	<2	104	.51	.032	3	104	2.37	95	.42	<3	3.40	.01	.13	<2	<1
10+00S 20+50E	3	39	10	101	<.3	268	19	544	3.88	8	<5	<2	<2	16	.9	3	<2	55	.24	.054	11	102	2.01	63	.08	5	1.83	.01	.05	<2	2
10+00S 20+75E	3	35	12	128	.4	149	12	443	4.55	10	<5	<2	<2	14	.7	3	3	65	.14	.059	11	177	1.49	81	.05	<3	1.68	.01	.04	<2	3
10+00S 21+00E	3	28	10	83	.3	50	5	258	3.09	2	<5	<2	<2	11	.7	<2	<2	46	.14	.063	12	87	.62	61	.04	<3	2.20	.01	.04	<2	1
10+00S 21+25E	3	25	7	106	<.3	72	7	273	3.11	4	<5	<2	<2	12	.7	<2	<2	53	.17	.066	11	50	.92	93	.04	<3	1.93	.01	.06	<2	2
10+00S 21+50E	3	40	11	190	.4	130	12	431	4.73	4	<5	<2	2	12	1.6	<2	<2	61	.14	.101	13	103	1.12	98	.07	<3	2.69	.01	.05	<2	9
10+00S 21+75E	4	52	8	197	.3	105	15	608	4.16	9	<5	<2	<2	14	1.7	<2	<2	46	.17	.087	13	79	.93	94	.06	<3	2.45	.01	.06	<2	3
10+00S 22+00E	4	42	10	171	.7	110	12	559	4.62	6	<5	<2	<2	13	1.5	2	3	57	.15	.086	11	100	.95	97	.04	<3	2.57	.01	.06	<2	2
10+00S 22+25E	2	32	10	125	<.3	94	9	356	3.68	3	<5	<2	<2	15	1.1	<2	<2	52	.21	.081	12	75	.79	72	.07	<3	2.37	.01	.05	<2	2
10+00S 22+50E	3	36	7	155	<.3	139	15	604	3.76	5	<5	<2	<2	15	1.2	<2	<2	57	.21	.058	12	97	1.33	66	.08	3	2.16	.01	.06	<2	1
10+00S 22+75E	3	34	9	124	<.3	123	18	785	4.49	8	<5	<2	2	21	1.0	<2	2	61	.32	.101	18	109	1.09	70	.14	<3	2.18	.01	.06	<2	10
10+00S 23+00E	3	30	10	113	<.3	111	16	914	4.09	7	<5	<2	<2	17	.7	<2	3	58	.22	.064	8	148	1.24	90	.09	<3	1.54	.01	.06	<2	1
10+00S 23+25E	2	29	7	97	.8	144	14	631	4.35	6	<5	<2	<2	13	<.2	<2	<2	66	.17	.064	7	155	1.26	89	.08	3	2.09	.01	.06	<2	1
10+00S 23+50E	3	35	6	138	.3	130	9	514	3.85	8	<5	<2	<2	22	<.2	<2	<2	53	.23	.073	11	86	.92	75	.11	3	2.08	.01	.05	<2	2
10+00S 23+75E	3	42	8	112	.4	129	14	679	4.22	9	<5	<2	<2	13	<.2	<2	2	64	.17	.065	10	102	1.18	66	.07	3	2.14	.01	.04	<2	16
10+00S 24+00E	3	42	6	132	<.3	73	7	449	3.80	11	<5	<2	<2	20	.2	2	4	50	.22	.065	11	56	.80	77	.10	<3	2.55	.01	.05	<2	2
10+00S 24+25E	4	33	9	114	.7	42	6	688	4.39	7	<5	<2	<2	19	.2	<2	2	49	.21	.070	8	48	.70	94	.16	<3	1.92	.01	.07	<2	1
10+00S 24+50E	5	36	7	179	.5	65	12	956	4.62	11	<5	<2	<2	24	.9	2	<2	50	.26	.072	8	62	.90	82	.16	<3	2.10	.01	.08	<2	2
10+00S 24+75E	3	23	7	117	.6	68	8	712	4.44	5	<5	<2	<2	19	1.1	<2	2	64	.17	.064	8	79	.87	103	.12	<3	1.97	.01	.06	<2	1
STANDARD C/AU-S	17	55	36	129	6.4	67	29	1099	3.87	38	17	7	35	46	18.3	16	18	62	.48	.091	41	57	.88	172	.07	31	1.79	.06	.14	10	45

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



AA ANALYTICAL



AA ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25+00E 3+00S	2	28	6	89	<.3	57	9	459	3.76	16	<5	<2	<2	22	.7	<2	<2	65	.27	.116	6	85	.74	82	.07	<3	2.15	.01	.05	<2	1
25+00E 4+00S	3	29	7	95	<.3	102	11	367	4.04	13	<5	2	<2	20	.4	<2	<2	62	.21	.060	7	123	1.25	68	.05	<3	1.96	.01	.04	<2	1
25+00E 6+00S	4	25	8	103	<.3	152	11	361	3.14	10	<5	<2	<2	27	<.2	<2	<2	50	.38	.076	12	155	1.44	62	.07	<3	1.72	.01	.05	<2	1
25+00E 7+00S	2	30	6	96	<.3	259	23	1307	3.62	16	<5	<2	<2	37	.5	<2	<2	48	.46	.081	10	268	2.70	99	.05	3	1.62	.02	.08	<2	<1
25+00E 8+00S	4	21	13	75	<.3	58	7	330	3.00	7	<5	<2	<2	12	.2	<2	<2	64	.10	.054	10	108	.82	99	.05	<3	1.65	.01	.05	<2	7
25+00E 8+25S	3	26	9	98	<.3	161	13	404	3.54	24	5	<2	<2	19	.4	<2	<2	60	.28	.068	8	146	1.62	85	.06	3	2.18	.01	.05	<2	3
25+00E 8+50S	6	51	11	186	<.3	70	15	683	3.76	14	<5	<2	<2	21	.8	<2	<2	52	.23	.094	12	69	.71	87	.08	<3	2.21	.01	.07	<2	3
25+00E 8+75S	5	15	7	62	.7	22	7	841	1.86	3	10	<2	<2	14	.3	<2	2	47	.10	.071	9	67	.31	161	.05	7	1.27	.01	.07	<2	1
25+00E 9+00S	4	25	8	136	<.3	99	12	726	4.00	11	<5	<2	<2	15	.5	<2	<2	67	.16	.064	8	190	1.24	91	.06	<3	1.73	.01	.05	<2	1
25+00E 9+25S	4	43	5	173	<.3	90	9	471	4.05	12	<5	<2	<2	21	.3	<2	<2	50	.22	.051	9	76	1.08	75	.12	<3	2.15	.01	.05	<2	18
25+00E 9+50S	4	33	8	125	.4	90	13	605	3.78	13	6	<2	<2	20	.6	<2	<2	49	.23	.093	8	106	1.04	78	.09	3	2.51	.01	.07	<2	1
25+00E 9+75S	5	55	9	280	<.3	59	9	422	3.97	18	<5	<2	2	27	.6	<2	<2	57	.18	.044	11	47	.82	108	.13	<3	2.46	.01	.06	<2	2
25+00E 10+00S	4	28	8	115	<.3	38	7	510	3.72	9	7	<2	<2	18	.3	<2	<2	52	.18	.074	7	63	.67	77	.13	<3	1.69	.01	.07	<2	1
RE 25+00E 9+75S	4	52	6	259	<.3	54	9	400	3.75	16	<5	<2	<2	25	.4	<2	<2	54	.17	.041	11	42	.76	102	.13	<3	2.29	.01	.06	<2	2
25+00E 10+25S	5	41	9	149	<.3	104	14	611	4.22	9	<5	<2	<2	16	.5	<2	<2	62	.19	.072	9	121	1.29	84	.08	<3	2.41	.01	.07	<2	6
STANDARD C	18	57	40	132	6.4	65	30	1059	3.64	44	17	8	35	49	17.7	17	19	64	.48	.088	42	64	.88	178	.08	27	1.77	.06	.15	11	-

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Hera Resources Inc. PROJECT BORNITE File # 95-2935 Page 1

P.O. Box 11611, 350 - 650, Vancouver BC V6B 4N9 Submitted by: U. Mowat

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
BL 11+00N	1	73	11	76	.3	180	19	763	3.55	15	<5	<2	2	23	.3	<2	4	64	.47	.058	15	180	1.55	102	.18	<3	1.98	.01	.09	3	5
BL 10+50N	1	59	9	73	<.3	151	19	790	3.49	11	<5	<2	2	24	.7	<2	3	62	.45	.062	11	137	1.35	81	.19	<3	1.53	.01	.07	2	6
BL 10+00N	2	26	13	92	<.3	96	11	407	3.13	12	<5	<2	2	20	.4	<2	7	62	.27	.036	11	106	1.48	146	.09	<3	1.72	.01	.07	2	7
BL 9+50N	5	95	11	175	<.3	90	18	839	3.98	19	<5	<2	4	22	.2	3	3	53	.32	.061	20	76	1.08	111	.11	<3	1.57	.01	.06	4	7
BL 9+00N	2	56	8	118	<.3	114	20	840	3.84	8	<5	<2	2	23	.7	<2	<2	67	.35	.065	13	108	1.32	94	.13	<3	2.31	.01	.07	3	4
BL 8+50N	1	47	7	91	<.3	73	14	782	3.38	10	<5	<2	2	36	.3	<2	2	61	.47	.073	13	77	1.06	115	.13	3	1.65	.02	.09	3	<2
BL 8+00N	6	88	11	167	<.3	85	18	915	4.46	17	<5	<2	3	20	1.3	<2	<2	59	.32	.074	15	78	1.23	72	.11	<3	1.82	.01	.09	3	4
BL 7+50N	1	57	11	64	.4	2226	128	1399	4.89	77	<5	<2	2	9	.3	<2	8	47	.14	.025	12	844	13.07	87	.06	42	1.44	.01	.06	3	6
BL 7+00N	2	53	9	99	<.3	194	24	709	3.59	12	<5	<2	2	19	.3	<2	<2	61	.31	.057	10	162	1.70	94	.12	6	1.94	.01	.09	2	<2
BL 6+50N	2	63	6	118	<.3	198	24	975	3.78	24	<5	<2	2	16	.5	<2	5	64	.25	.058	16	173	1.66	90	.14	5	2.28	.01	.09	4	5
BL 6+00N	3	64	12	85	<.3	216	23	696	3.78	13	<5	<2	2	24	.7	<2	7	64	.40	.057	13	206	1.67	97	.15	3	1.97	.01	.07	3	4
BL 5+71N	2	81	11	120	.4	159	14	395	3.46	2	<5	<2	2	27	.6	<2	3	82	.53	.076	19	185	1.51	91	.12	4	1.89	.02	.08	3	438
BL 5+50N	3	55	7	109	<.3	222	21	1511	3.66	16	<5	<2	<2	33	.7	<2	7	59	.69	.071	15	183	1.81	109	.10	5	1.71	.02	.08	3	<2
BL 5+00N	2	43	10	101	<.3	181	17	1330	3.50	12	<5	<2	2	29	.6	<2	2	60	.57	.059	13	163	1.44	86	.12	5	1.49	.01	.07	2	2
BL 4+50N	2	69	7	109	.3	204	19	691	3.70	18	<5	<2	2	24	.4	<2	2	63	.43	.053	19	183	1.66	114	.13	4	1.96	.02	.09	2	<2
BL 4+00N	1	45	8	104	.3	542	23	906	4.13	89	<5	<2	2	24	.5	<2	2	49	.34	.058	12	291	2.70	88	.08	10	1.53	.01	.08	3	<2
RE BL 3+00N	2	64	10	108	<.3	213	21	801	3.79	15	<5	<2	2	23	.8	<2	4	62	.38	.053	12	180	1.67	88	.13	4	2.07	.02	.07	2	<2
BL 3+50N	1	63	13	121	.3	495	23	596	4.02	61	<5	<2	<2	28	.5	<2	3	58	.38	.074	21	261	1.78	125	.09	4	2.13	.02	.08	3	5
BL 3+00N	2	65	9	110	<.3	221	23	821	3.94	12	<5	<2	2	24	.6	<2	7	65	.41	.055	11	192	1.72	92	.14	3	2.14	.01	.08	2	3
BL 2+50N	2	36	8	96	<.3	160	21	887	3.28	14	<5	<2	<2	20	1.2	<2	7	52	.38	.065	8	195	1.66	67	.10	3	1.51	.01	.10	<2	<2
BL 2+00N	2	64	8	110	.4	251	24	784	3.48	18	<5	<2	<2	29	.4	2	4	55	.53	.065	17	202	1.82	92	.10	<3	1.84	.02	.10	2	2
BL 1+50N	6	94	10	215	.4	88	18	1165	4.38	12	<5	<2	3	41	1.8	<2	2	62	.67	.085	15	66	1.10	104	.14	<3	1.55	.02	.10	3	<2
BL 1+00N	5	56	14	260	.5	100	16	575	4.63	12	<5	<2	2	17	.9	<2	2	64	.18	.082	9	102	1.04	118	.09	<3	2.47	.01	.08	<2	6
BL 0+50N	3	56	11	213	1.1	58	11	633	4.70	12	<5	<2	3	15	.9	<2	3	67	.16	.138	9	58	.99	79	.08	<3	2.34	.01	.09	<2	2
BL 0+00	3	57	14	245	.6	90	15	544	4.24	12	<5	<2	3	18	1.3	<2	6	64	.19	.073	8	83	1.10	115	.10	3	2.77	.01	.07	<2	10
BL 0+50S	3	41	11	165	.3	74	11	434	4.10	12	<5	<2	2	16	.4	<2	2	63	.21	.089	8	101	.88	67	.10	4	2.32	.01	.06	<2	<2
BL 1+00S	1	35	10	103	<.3	78	16	528	3.62	10	<5	<2	2	25	.9	2	<2	68	.31	.075	10	91	1.29	86	.13	3	2.17	.02	.06	<2	6
BL 1+50S	3	66	12	128	<.3	159	20	781	3.78	21	<5	<2	3	27	.9	<2	2	61	.39	.061	14	198	1.27	83	.12	3	1.59	.01	.06	3	21
BL 2+00S	3	58	15	107	<.3	130	18	726	3.47	18	<5	<2	3	28	.4	<2	<2	58	.39	.059	15	180	1.22	74	.11	<3	1.48	.01	.05	2	5
BL 2+50S	2	48	9	96	<.3	126	16	644	3.29	21	<5	<2	3	29	.6	2	<2	57	.44	.057	13	176	1.25	88	.12	<3	1.49	.01	.05	<2	4
BL 3+00S	3	59	6	119	<.3	173	19	755	3.61	30	<5	<2	3	28	.4	<2	6	58	.44	.061	13	213	1.34	88	.10	<3	1.50	.01	.06	2	6
BL 3+50S	3	63	10	119	<.3	160	19	856	3.81	28	<5	<2	3	28	.4	2	6	63	.44	.054	14	210	1.39	88	.12	<3	1.70	.01	.06	2	4
BL 4+00S	1	37	9	83	<.3	77	13	631	3.34	14	<5	<2	2	44	.7	<2	<2	65	.59	.070	12	92	1.09	109	.14	<3	1.59	.02	.07	2	3
BL 4+50S	3	61	9	123	<.3	162	20	779	3.60	30	<5	<2	3	25	.8	2	2	59	.36	.058	14	231	1.39	81	.10	3	1.56	.01	.05	3	7
BL 5+00S	4	60	8	130	<.3	212	26	859	3.99	38	<5	<2	3	19	.9	2	8	62	.28	.054	14	322	1.79	54	.12	4	1.77	.01	.06	2	5
BL 5+50S	4	94	7	137	<.3	127	26	983	4.96	13	<5	<2	3	16	1.3	2	5	69	.45	.077	11	142	1.63	69	.23	3	2.05	.01	.07	2	5
STANDARD C/AU-S	18	58	39	125	6.8	66	31	1124	3.79	38	18	7	37	51	17.2	15	17	61	.51	.093	40	63	.92	171	.08	27	1.84	.06	.16	12	49

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

- SAMPLE TYPE: SOIL AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 17 1995 DATE REPORT MAILED: Aug 29/95 SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
BL 6+00S	7	49	14	248	.6	33	15	1570	4.16	8	<5	<2	2	12	1.5	<2	<2	28	.15	.122	12	33	.38	69	.03	<3	1.39	.01	.07	2	6
BL 6+50S	19	130	21	428	.7	66	18	1546	7.13	8	<5	<2	3	9	3.0	3	<2	22	.09	.129	11	25	.28	81	.01	3	1.93	.01	.06	2	7
BL 7+00S	15	111	21	419	1.2	51	19	1591	6.50	16	<5	<2	3	10	1.9	3	8	34	.11	.121	11	29	.56	87	.02	<3	2.15	.01	.06	3	4
3+00S 13+00W	1	16	7	31	<.3	18	5	188	1.67	<2	<5	<2	<2	10	.2	3	2	61	.21	.025	5	56	.33	46	.24	<3	.97	.01	.02	<2	3
3+00S 12+75W	1	54	5	74	.3	82	19	478	5.72	11	<5	<2	<2	11	.8	4	3	87	.25	.027	3	128	1.76	53	.33	3	2.58	.01	.03	2	2
3+00S 12+50W	<1	603	3	77	.5	56	16	726	3.40	9	<5	<2	<2	22	.7	<2	2	69	1.03	.047	9	88	1.25	61	.28	<3	2.18	.01	.04	<2	<2
3+00S 12+25W	<1	382	5	99	.4	95	28	883	5.83	17	<5	<2	<2	16	.7	2	<2	112	.64	.035	4	139	1.92	66	.27	3	3.20	<.01	.04	2	<2
3+00S 12+00W	1	167	10	100	.3	27	31	1633	2.87	7	<5	<2	<2	19	.7	2	<2	71	.58	.055	9	63	.48	113	.17	<3	1.75	.01	.04	<2	2
3+00S 11+75W	1	42	8	92	.3	83	20	762	4.96	26	<5	<2	<2	19	.3	<2	<2	90	.46	.081	5	152	1.60	82	.33	4	2.27	.01	.04	<2	<2
3+00S 11+50W	1	122	4	100	.3	81	21	646	5.24	10	<5	<2	<2	16	.5	<2	5	86	.71	.061	4	126	1.72	69	.28	3	2.65	.01	.05	<2	2
3+00S 11+25W	1	83	5	99	.5	86	22	558	6.65	17	<5	<2	2	10	.6	5	3	92	.29	.133	4	153	1.58	47	.27	<3	3.39	.01	.04	<2	<2
3+00S 11+00W	1	157	7	101	.5	74	25	828	4.96	11	<5	<2	<2	17	.6	2	5	94	.65	.073	6	123	1.67	92	.29	<3	2.71	.01	.06	2	6
3+00S 10+75W	1	76	3	80	.3	80	20	541	5.32	15	<5	<2	2	12	.5	4	9	94	.31	.023	4	139	1.72	57	.40	<3	2.79	<.01	.04	2	<2
3+00S 10+50W	<1	42	8	75	.3	70	18	475	6.32	15	<5	<2	<2	10	.3	<2	4	109	.26	.142	3	133	1.61	52	.30	4	3.28	.01	.03	2	<2
3+00S 10+25W	1	30	4	69	.5	51	13	415	5.14	7	<5	<2	2	9	.9	<2	3	85	.24	.076	4	111	1.01	58	.32	5	2.33	.01	.03	<2	6
3+00S 10+00W	1	39	4	90	.5	91	19	527	6.27	13	<5	<2	2	11	.5	2	4	99	.30	.104	5	173	1.61	65	.33	<3	3.50	.01	.04	<2	<2
3+00S 9+75W	1	72	5	74	.4	94	20	551	4.88	15	<5	<2	<2	11	.4	2	<2	85	.28	.070	4	159	1.76	63	.29	3	2.90	.01	.04	2	3
3+00S 9+50W	1	42	11	93	.5	64	16	697	7.19	17	6	<2	<2	10	1.1	4	4	97	.22	.186	4	160	1.03	51	.31	<3	2.30	.01	.05	<2	<2
3+00S 9+25W	1	28	12	88	.3	70	15	413	5.16	15	<5	<2	<2	11	.7	3	5	89	.24	.070	5	148	1.12	56	.35	<3	2.75	.01	.04	2	<2
3+00S 9+00W	1	385	6	80	.3	112	22	593	5.16	18	<5	<2	<2	18	<.2	2	4	91	.58	.045	8	130	1.45	79	.23	<3	2.92	.01	.06	3	<2
3+00S 8+75W	1	118	5	81	<.3	87	18	538	5.04	15	<5	<2	<2	15	.9	<2	3	84	.55	.037	5	144	1.57	86	.32	<3	2.58	.01	.05	<2	<2
3+00S 8+50W	1	353	5	85	.4	107	23	1029	4.41	11	5	<2	<2	17	.7	2	<2	75	.66	.033	7	148	1.75	70	.25	3	2.55	.01	.05	2	2
3+00S 8+25W	<1	240	6	91	<.3	137	28	1077	4.91	17	<5	<2	<2	21	.9	2	6	98	.76	.043	6	178	2.74	84	.29	<3	3.44	.01	.06	2	<2
RE 3+00S 8+25W	1	250	3	94	.3	144	28	1129	5.11	21	5	<2	<2	22	.5	3	6	102	.79	.045	7	187	2.86	89	.30	<3	3.64	.01	.06	4	<2
3+00S 8+00W	1	202	7	120	.5	131	30	976	4.91	15	<5	<2	<2	18	.7	<2	<2	81	.69	.037	8	172	1.98	93	.25	3	2.87	.01	.06	3	5
3+00S 7+75W	1	2618	12	143	1.5	347	51	2180	7.62	24	<5	<2	2	30	1.0	<2	11	125	1.11	.073	31	252	2.64	246	.08	3	6.79	.02	.20	5	6
3+00S 7+50W	1	131	10	108	.3	129	30	841	4.84	14	<5	<2	<2	19	.5	3	<2	87	.63	.062	7	172	1.97	119	.22	4	3.02	.01	.07	3	<2
3+00S 7+25W	1	123	5	79	<.3	114	21	571	3.92	8	<5	<2	2	18	.3	3	3	70	.59	.061	8	132	1.58	53	.27	6	2.10	.01	.06	2	4
3+00S 7+00W	1	26	6	81	<.3	54	11	358	3.60	10	6	<2	<2	19	.4	2	4	69	.30	.058	8	93	1.02	100	.14	3	2.13	.01	.05	2	2
3+00S 6+75W	1	64	5	94	<.3	99	22	618	4.40	15	5	<2	<2	18	<.2	2	6	81	.39	.060	10	135	1.46	93	.25	<3	2.58	.01	.07	3	<2
3+00S 6+50W	1	113	5	82	<.3	129	23	801	4.38	10	7	<2	<2	21	.2	<2	6	73	.58	.054	11	155	1.92	74	.26	3	2.49	.01	.07	3	2
3+00S 6+25W	1	466	7	103	<.3	151	24	1046	4.80	14	<5	<2	<2	27	.7	2	4	86	.99	.060	17	157	1.64	158	.13	6	3.45	.01	.10	3	<2
3+00S 6+00W	1	224	12	98	<.3	137	28	904	5.99	24	5	<2	<2	22	.4	<2	6	85	.69	.075	12	171	1.84	91	.19	4	2.77	.01	.07	3	<2
3+00S 5+75W	1	86	4	95	<.3	108	22	686	4.32	14	6	<2	<2	19	.6	<2	<2	75	.59	.059	8	134	1.74	60	.21	3	2.34	.01	.05	2	<2
3+00S 5+50W	1	30	6	77	<.3	65	14	466	3.81	9	8	<2	<2	14	.6	<2	2	74	.32	.100	6	125	1.20	97	.20	4	2.15	.01	.05	<2	<2
STANDARD C/AU-S	18	60	39	127	7.0	66	31	1094	3.95	43	19	7	37	52	16.8	17	20	63	.51	.094	40	60	.95	182	.09	32	1.89	.06	.16	13	43

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
3+00S 5+25W	1	56	8	100	<.3	120	25	715	4.99	7	<5	<2	<2	13	.7	<2	<2	73	.38	.089	6	178	1.83	71	.21	<3	2.77	.01	.06	<2	2
3+00S 5+00W	2	47	9	102	<.3	93	17	495	4.92	3	<5	<2	<2	13	<.2	<2	<2	75	.31	.069	5	150	1.44	89	.19	<3	2.73	.01	.05	2	6
3+00S 4+75W	1	31	9	68	<.3	72	13	498	3.14	3	<5	<2	<2	25	<.2	<2	<2	57	.46	.067	9	96	1.19	66	.14	<3	1.53	.01	.05	<2	21
3+00S 4+50W	1	74	6	77	<.3	106	19	728	3.88	4	<5	<2	<2	20	.2	<2	5	61	.49	.078	8	116	1.37	69	.16	<3	2.10	.01	.06	2	9
3+00S 4+25W	1	40	5	61	<.3	65	14	518	3.15	2	<5	<2	<2	27	<.2	<2	3	59	.49	.074	10	94	1.13	59	.15	4	1.43	.01	.04	2	2
3+00S 4+00W	1	30	3	68	<.3	59	13	503	2.90	3	<5	<2	<2	27	<.2	<2	2	56	.48	.059	9	97	1.12	77	.14	<3	1.54	.01	.04	<2	2
3+00S 3+75W	1	90	6	85	<.3	116	22	845	4.28	11	<5	<2	2	28	.3	<2	<2	71	.64	.078	10	134	1.64	85	.19	<3	2.04	.01	.10	<2	<2
3+00S 3+50W	1	47	6	72	<.3	89	14	509	3.16	8	<5	<2	<2	25	<.2	<2	<2	57	.55	.064	9	129	1.26	70	.15	<3	1.61	.01	.05	<2	3
3+00S 3+25W	3	57	8	94	<.3	124	11	405	3.14	4	<5	<2	<2	30	.2	<2	<2	50	.65	.066	14	137	1.32	91	.08	<3	1.63	.01	.06	2	8
3+00S 3+00W	1	56	7	75	<.3	101	16	713	3.54	5	<5	<2	<2	30	.2	<2	<2	64	.59	.072	11	110	1.22	87	.15	<3	1.61	.01	.06	<2	2
3+00S 2+75W	1	41	7	68	<.3	83	17	716	3.46	7	<5	<2	<2	20	<.2	<2	<2	62	.42	.080	7	100	1.06	58	.16	3	1.65	.01	.05	2	2
3+00S 2+50W	2	76	4	108	<.3	109	16	617	3.75	16	<5	<2	2	31	.2	<2	<2	63	.62	.072	11	165	1.38	84	.13	3	1.65	.02	.06	2	4
3+00S 2+25W	1	64	10	102	<.3	94	18	1144	4.50	12	<5	<2	2	58	.5	<2	<2	76	.77	.074	15	88	1.44	189	.10	<3	2.36	.03	.10	2	<2
3+00S 2+00W	1	58	3	102	<.3	103	16	759	3.48	3	<5	<2	<2	20	.4	<2	2	67	.27	.039	13	122	1.05	127	.11	4	2.34	.01	.05	<2	3
3+00S 1+75W	1	31	10	88	<.3	95	15	401	3.52	11	<5	<2	2	16	.5	<2	3	66	.19	.065	9	145	1.17	101	.11	<3	2.08	.01	.05	<2	<2
3+00S 1+50W	1	37	10	71	<.3	75	12	597	3.39	11	<5	<2	2	40	.5	<2	<2	66	.59	.073	12	87	1.04	108	.12	<3	1.55	.02	.05	<2	3
3+00S 1+25W	1	53	9	82	<.3	110	17	757	3.77	17	<5	<2	2	39	.4	<2	<2	67	.59	.071	12	114	1.23	115	.13	<3	1.68	.02	.06	<2	6
3+00S 1+00W	2	50	11	103	<.3	130	28	1022	4.18	15	<5	<2	<2	17	.6	<2	2	68	.36	.064	7	133	1.24	72	.13	<3	2.19	.01	.05	<2	2
3+00S 0+75W	3	61	10	119	<.3	182	20	804	3.72	24	<5	<2	2	29	.2	<2	<2	59	.52	.066	13	221	1.41	87	.10	<3	1.52	.02	.05	<2	4
3+00S 0+50W	1	50	6	87	<.3	108	16	692	3.64	10	<5	<2	2	38	.3	<2	2	67	.62	.069	12	124	1.22	136	.13	<3	1.74	.02	.06	<2	16
3+00S 0+25W	1	55	6	81	<.3	112	19	758	3.80	15	<5	<2	2	42	.5	<2	<2	67	.70	.079	12	105	1.27	103	.13	3	1.63	.02	.07	<2	4
5+00S 10+00W	1	48	9	90	<.3	110	23	580	4.90	14	<5	<2	<2	10	.7	<2	<2	69	.30	.067	5	182	1.69	63	.26	<3	3.01	.01	.04	2	<2
RE 5+00S 10+00W	1	48	6	92	<.3	110	23	590	5.00	8	<5	<2	<2	10	.6	<2	<2	71	.31	.069	5	185	1.72	67	.27	<3	3.09	<.01	.04	<2	<2
5+00S 9+75W	1	57	5	87	<.3	81	20	530	5.50	12	<5	<2	<2	9	<.2	<2	3	83	.27	.104	4	164	1.67	69	.26	<3	3.09	<.01	.03	2	<2
5+00S 9+50W	1	42	<3	101	<.3	106	23	734	5.83	14	<5	<2	<2	10	.2	<2	5	83	.35	.109	5	193	2.08	72	.25	<3	3.11	.01	.05	<2	<2
5+00S 9+25W	1	343	3	79	<.3	123	27	837	4.73	10	<5	<2	<2	15	<.2	<2	<2	76	.56	.050	7	178	1.97	57	.22	<3	2.86	<.01	.05	<2	<2
5+00S 9+00W	1	219	8	88	.3	109	22	723	4.90	9	<5	<2	<2	18	<.2	<2	<2	87	.81	.048	9	187	1.79	91	.25	<3	2.97	.01	.06	<2	<2
5+00S 8+75W	1	86	12	106	<.3	113	24	711	4.92	13	<5	<2	<2	12	.8	<2	<2	79	.45	.043	6	176	1.88	100	.26	<3	2.88	<.01	.06	2	4
5+00S 8+50W	1	112	5	98	<.3	160	33	897	5.21	13	<5	<2	<2	14	<.2	<2	2	82	.48	.063	6	205	2.14	79	.24	<3	3.13	.01	.07	<2	<2
5+00S 8+25W	1	65	5	111	<.3	118	24	701	5.04	11	<5	<2	<2	13	.6	<2	4	77	.42	.063	6	176	1.95	64	.23	<3	2.70	.01	.06	2	<2
5+00S 8+00W	1	54	5	88	<.3	111	23	634	4.51	13	<5	<2	<2	13	.5	<2	2	68	.42	.060	6	157	1.72	67	.23	<3	2.66	<.01	.05	<2	2
5+00S 7+75W	1	135	4	115	.3	129	26	875	4.82	12	<5	<2	<2	19	1.0	<2	<2	85	.61	.044	7	168	1.67	151	.21	<3	2.78	.01	.06	<2	<2
5+00S 7+50W	1	59	4	88	<.3	127	21	618	4.12	12	<5	<2	<2	16	.3	<2	<2	64	.46	.082	6	140	1.61	76	.18	<3	2.27	<.01	.05	2	<2
5+00S 7+25W	1	63	<3	87	.3	114	19	537	4.22	14	<5	<2	<2	17	.5	<2	4	70	.56	.060	5	142	1.66	84	.18	<3	2.35	<.01	.05	<2	2
5+00S 7+00W	<1	107	6	83	<.3	117	26	933	4.78	8	<5	<2	<2	17	.6	<2	<2	80	.59	.053	6	144	1.98	69	.23	<3	2.50	.01	.06	<2	<2
STANDARD C/AU-S	19	60	36	130	7.2	67	32	1176	4.07	41	20	6	38	52	18.0	16	18	62	.52	.096	40	61	.97	187	.08	24	1.88	.06	.15	11	49

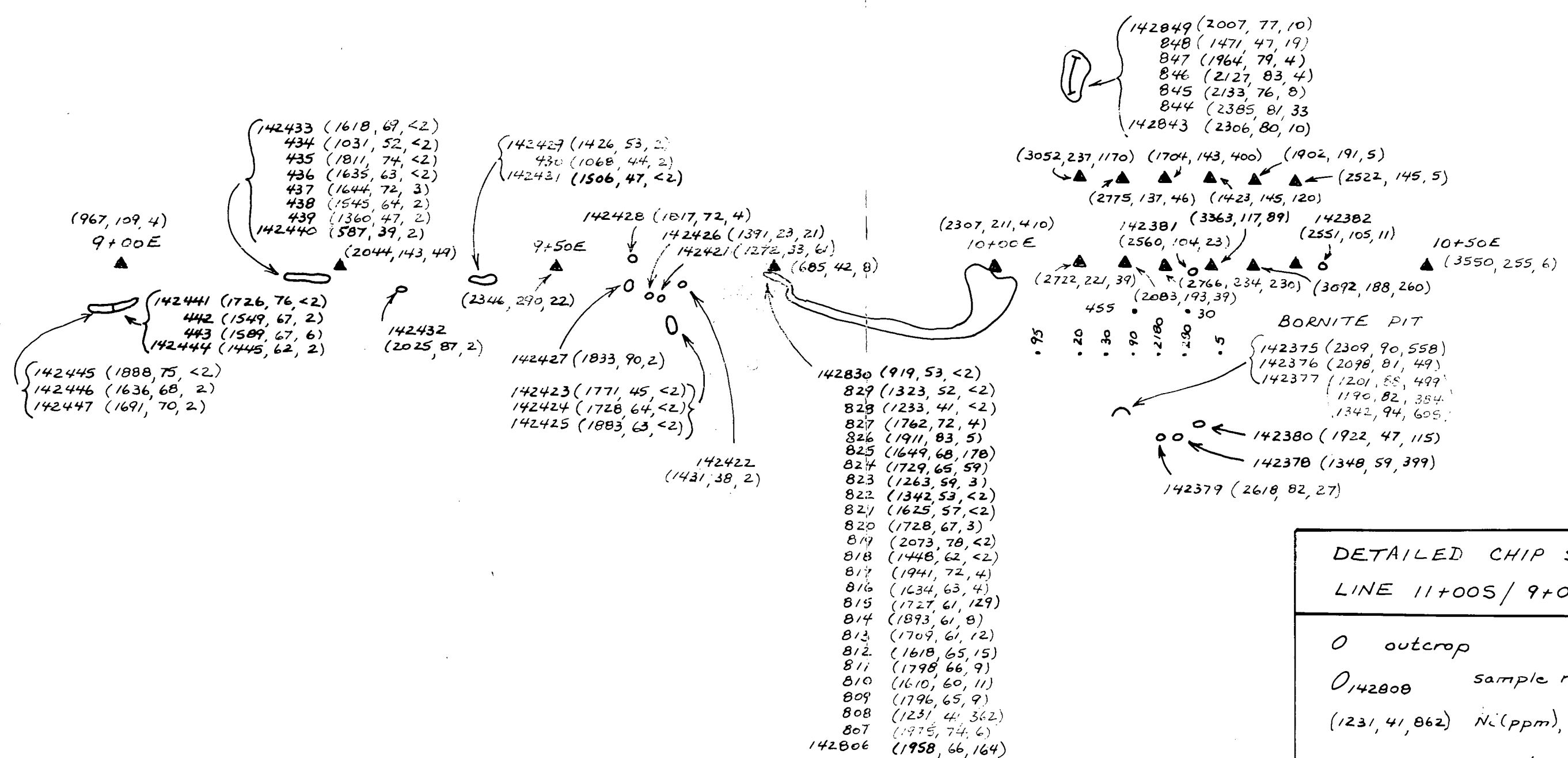
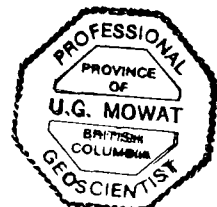
Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



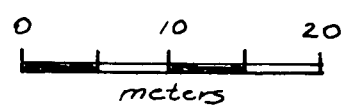
SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
5+00S 6+75W	1	60	8	88	<.3	106	23	705	4.67	10	<5	<2	<2	17	.9	<2	<2	76	.49	.067	7	148	1.65	69	.21	<3	2.39	.01	.06	<2	6
5+00S 6+50W	1	49	8	98	.3	99	19	560	4.55	14	<5	<2	<2	16	.9	<2	3	71	.42	.070	7	146	1.61	79	.17	<3	2.51	.01	.05	<2	6
5+00S 6+25W	<1	41	3	90	<.3	98	21	740	4.01	8	<5	<2	<2	15	.6	<2	3	67	.45	.056	6	154	1.77	67	.22	<3	2.20	.01	.05	<2	7
5+00S 6+00W	1	63	5	81	<.3	115	21	548	4.34	13	<5	<2	<2	15	.7	<2	<2	65	.39	.067	6	139	1.55	78	.21	<3	2.43	.01	.06	<2	6
5+00S 5+75W	1	78	5	141	<.3	113	23	651	5.57	17	<5	<2	<2	16	1.1	<2	<2	89	.38	.051	6	158	1.40	175	.27	<3	2.78	.01	.07	<2	2
5+00S 5+50W	1	510	10	111	.4	239	32	1663	5.67	17	<5	<2	<2	31	1.1	<2	<2	86	1.08	.087	16	182	2.07	189	.09	<3	3.90	.01	.13	<2	5
5+00S 5+25W	<1	81	9	71	<.3	107	20	847	4.05	9	<5	<2	<2	21	.7	<2	<2	65	.62	.082	9	141	1.67	55	.22	<3	1.91	.01	.06	<2	4
5+00S 5+00W	1	91	7	69	<.3	100	17	667	3.71	10	<5	<2	<2	20	.3	<2	<2	63	.60	.078	9	127	1.51	52	.21	<3	1.77	.01	.05	<2	<2
5+00S 4+75W	1	98	10	85	<.3	112	24	1590	4.31	11	<5	<2	<2	20	.6	<2	<2	68	.58	.075	8	144	1.59	86	.22	<3	2.03	.01	.07	<2	5
5+00S 4+50W	1	110	7	78	<.3	82	16	818	3.58	7	<5	<2	<2	22	.8	<2	<2	64	.64	.057	9	124	1.36	86	.16	<3	2.00	.01	.05	<2	6
5+00S 4+25W	1	45	8	75	<.3	95	19	689	3.79	6	<5	<2	<2	23	.8	<2	<2	64	.56	.071	7	125	1.54	66	.17	<3	1.89	.01	.06	<2	3
5+00S 4+00W	1	62	7	70	<.3	85	15	916	3.55	11	<5	<2	<2	26	.8	<2	<2	64	.59	.069	8	117	1.30	85	.15	<3	1.75	.01	.05	<2	<2
5+00S 3+75W	<1	78	6	85	<.3	122	20	754	3.79	10	<5	<2	<2	26	.5	<2	4	67	.65	.074	9	123	1.57	86	.18	<3	1.93	.01	.10	<2	3
5+00S 3+50W	1	98	8	79	<.3	107	16	704	3.76	9	<5	<2	<2	29	.8	<2	2	66	.58	.063	12	123	1.33	107	.11	<3	2.04	.01	.06	<2	13
5+00S 3+25W	1	44	6	70	<.3	99	16	666	3.33	10	<5	<2	<2	29	.3	<2	<2	59	.61	.066	9	113	1.35	85	.14	<3	1.61	.02	.05	<2	<2
5+00S 3+00W	1	58	4	78	<.3	80	15	925	3.36	12	<5	<2	<2	31	.3	<2	2	63	.60	.065	11	96	1.11	86	.10	<3	1.87	.01	.05	<2	<2
RE 5+00S 3+00W	1	59	8	80	<.3	83	16	946	3.45	11	<5	<2	<2	32	.9	<2	4	64	.62	.066	12	100	1.13	91	.11	<3	1.92	.01	.06	<2	-
5+00S 2+75W	1	53	11	77	<.3	112	17	587	3.51	9	<5	<2	<2	37	.5	<2	<2	64	.76	.070	11	116	1.48	93	.13	3	1.69	.02	.07	<2	2
5+00S 2+50W	1	42	8	69	<.3	78	14	731	3.20	17	<5	<2	<2	34	<.2	<2	<2	61	.59	.068	10	89	1.15	86	.13	<3	1.52	.02	.06	<2	<2
5+00S 2+25W	1	39	5	77	<.3	71	13	633	3.11	14	<5	<2	<2	36	.5	<2	<2	60	.60	.068	11	89	1.00	102	.12	<3	1.54	.01	.05	<2	2
5+00S 2+00W	1	32	7	58	<.3	78	13	487	2.84	4	<5	<2	<2	25	<.2	<2	<2	55	.43	.056	9	117	1.09	63	.12	<3	1.37	.02	.04	<2	2
5+00S 1+50W	1	54	4	81	<.3	117	18	738	3.18	20	<5	<2	<2	24	.5	<2	<2	56	.45	.068	14	166	1.21	61	.12	<3	1.29	.01	.04	<2	2
5+00 1+25W	1	45	7	72	<.3	110	19	715	3.42	14	<5	<2	<2	26	.5	<2	2	62	.36	.062	13	145	1.34	83	.12	<3	1.63	.01	.04	<2	27
5+00S 1+00W	2	35	8	115	.4	96	14	653	3.18	12	<5	<2	<2	27	.6	<2	<2	55	.47	.060	12	150	1.06	131	.06	<3	1.74	.01	.05	<2	<2
5+00S 0+75W	4	73	6	77	<.3	274	15	5901	3.40	20	<5	<2	<2	38	2.9	<2	<2	70	.64	.079	12	81	.78	377	.13	<3	1.24	.02	.05	<2	4
5+00S 0+50W	1	45	4	73	<.3	80	16	680	3.10	10	<5	<2	<2	27	.6	<2	<2	61	.38	.058	12	111	1.07	85	.14	<3	1.45	.01	.05	<2	7
5+00S 0+25W	5	85	7	163	<.3	196	23	926	4.21	34	<5	<2	2	25	1.2	<2	3	60	.32	.059	13	227	1.41	83	.10	4	1.61	.01	.06	<2	3
STANDARD C/AU-S	18	59	35	125	6.7	68	31	1131	3.88	38	21	5	36	50	17.5	15	17	60	.50	.094	39	60	.93	179	.08	27	1.79	.06	.15	10	45

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

24,277



DETAILED CHIP SAMPLING LINE 11+00S/9+00-10+50E	
O	outcrop
O ₁₄₂₈₀₈	sample number
(1231, 41, 862)	Ni(ppm), Co(ppm), Au(ppb)
▲	soil sample/station
•	soil (analyzed for Au only)
2180	Au in ppb





PROVINCE OF
BRITISH COLUMBIA
MINISTRY OF
ENERGY, MINES
PETROLEUM REVENUE



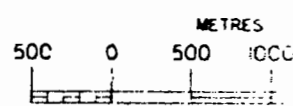
MINERAL TITLES

MAP 093K13

U.T.M. ZONE 18

LAST MAP UPDATE: 1998

ORIGINAL PRODUCED BY



ADMINISTRATIVE

MINING DIVISIONS: 093K13

1:50,000

LAND DISTRICTS:

93K13E

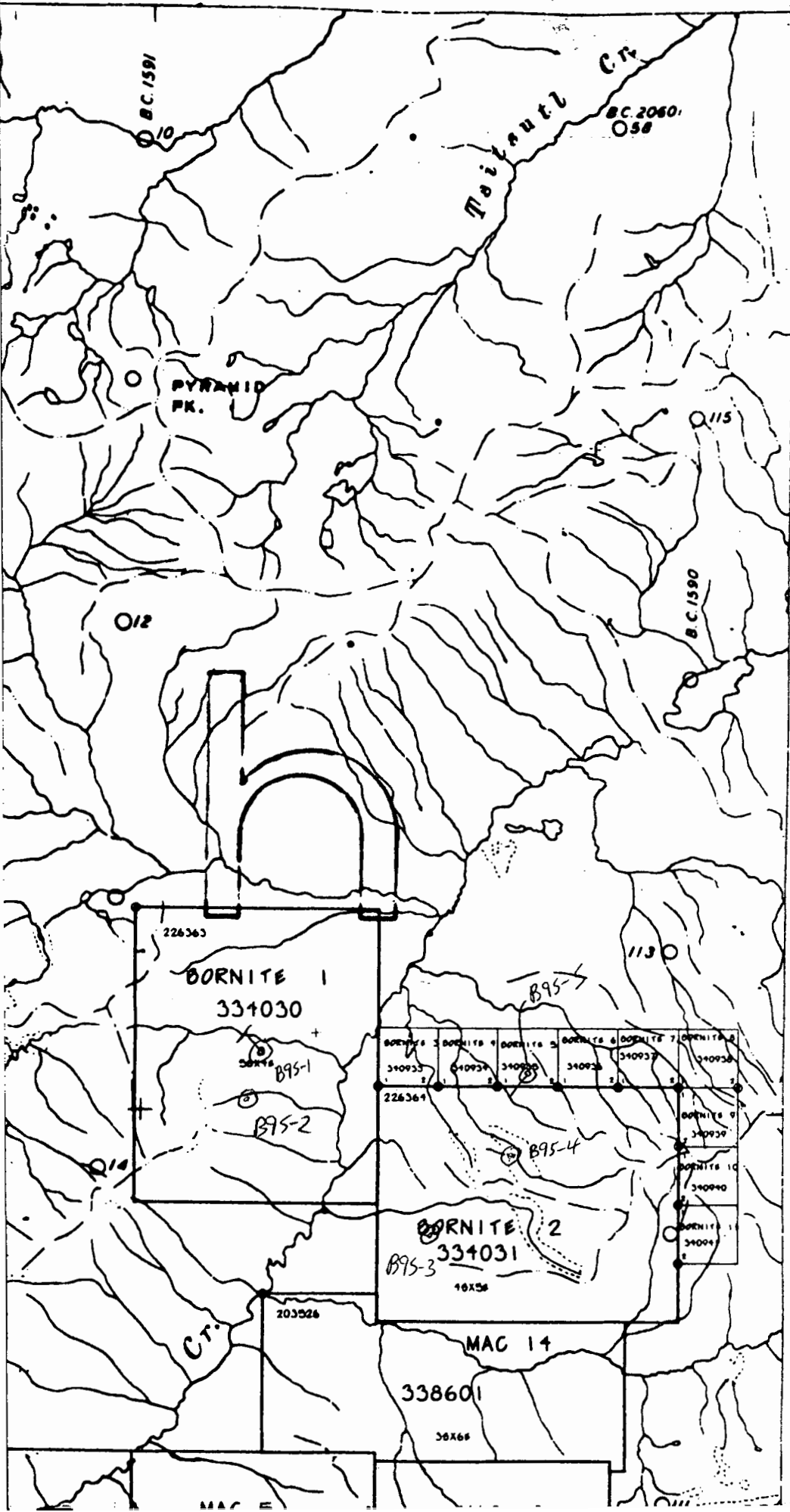
ALIENATIONS

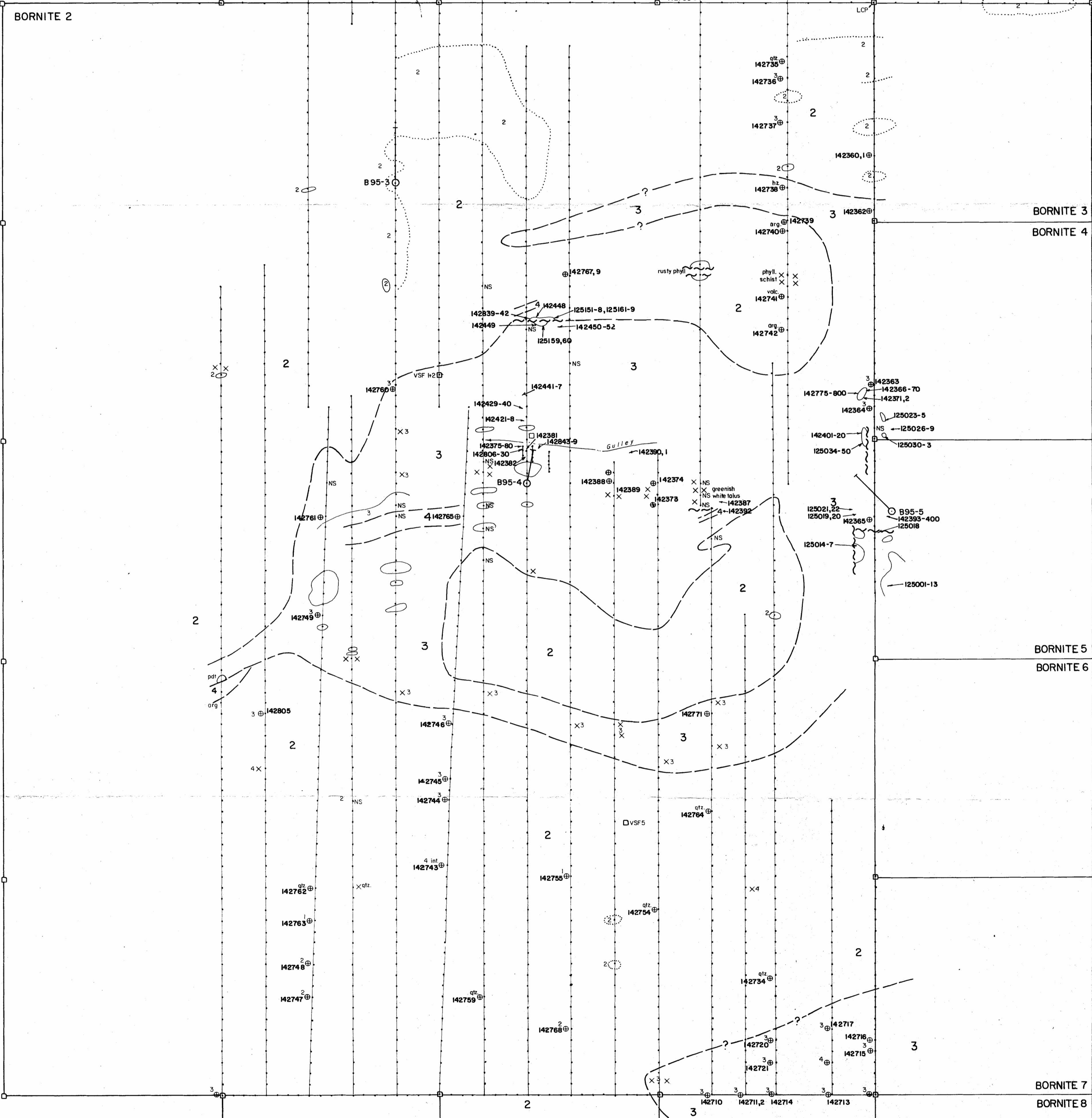
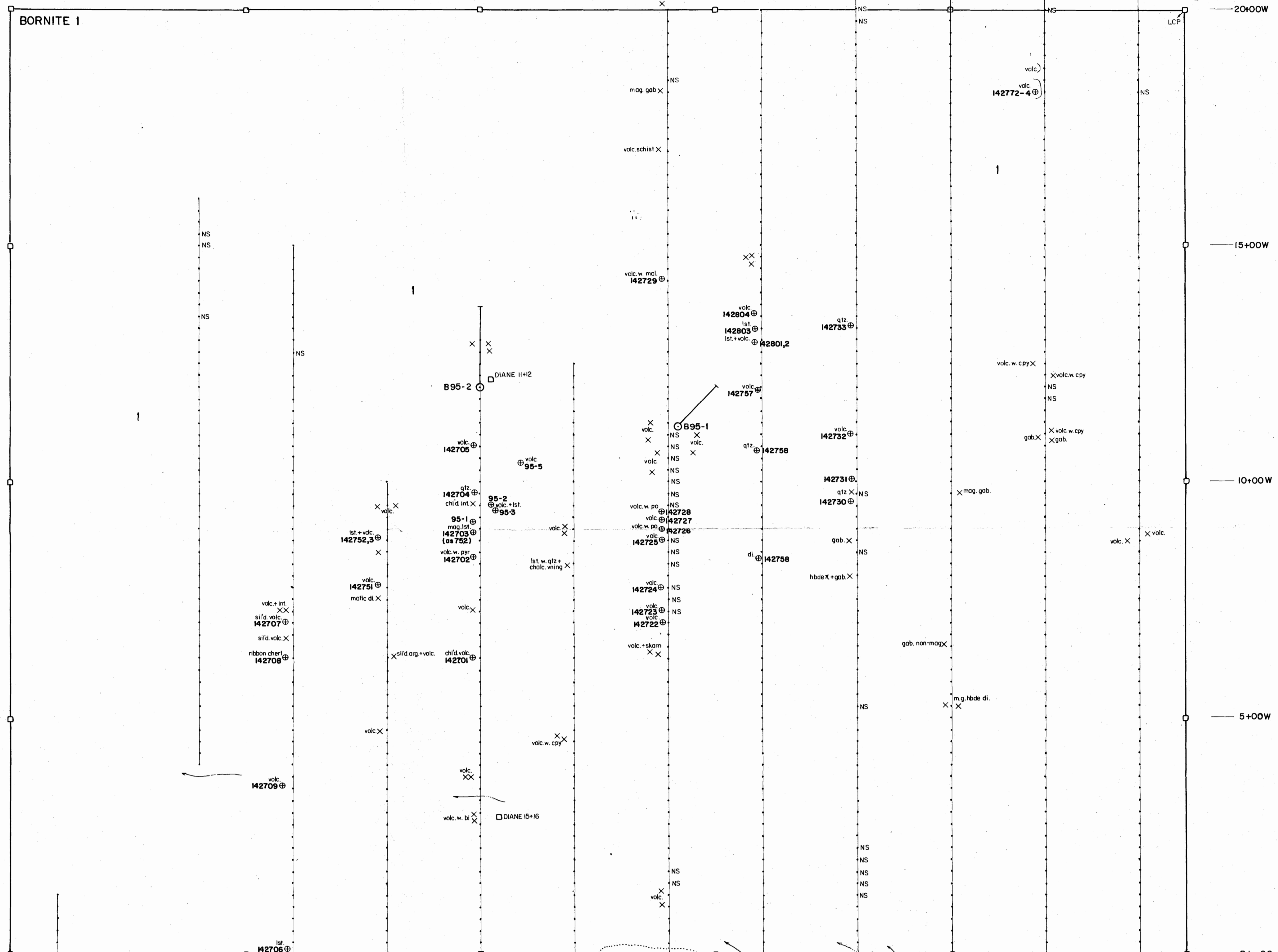
NO STAKING AREA

NO STAKING REQUIRED

PARKS

ECOLOGICAL RESERVE





- LEGEND**
- 4 SHASS MOUNTAIN / TOPYLE INTRUSIONS
 - 3 UNDIVIDED ULTRAMAFICS
 - 2 ARGILLITE WITH MINOR VOLCANICS
 - 1 VOLCANICS
 - OUTCROP, SUBCROP
 - - - ASSUMED LITHOLOGIC CONTACT
 - - - FAULT ZONE
 - + SOIL SAMPLE STATION
 - ⊙ ROCK SAMPLE
 - × FLOAT OR TALUS
 - CLAIM POST, LEGAL CORNER POST
 - ⊕ DIAMOND DRILL HOLE
 - ⊖ SWAMP
 - - - GULLEY
 - 12504 ROCK SAMPLE NR.

GEOLOGICAL BRANCH
ASSESSMENT REPORT
24,277

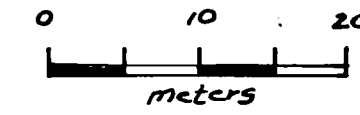


BORNITE 1
BORNITE 2
BORNITE 3
BORNITE 4
BORNITE 5
BORNITE 6
BORNITE 7
BORNITE 8



ddh 95-2, 2A

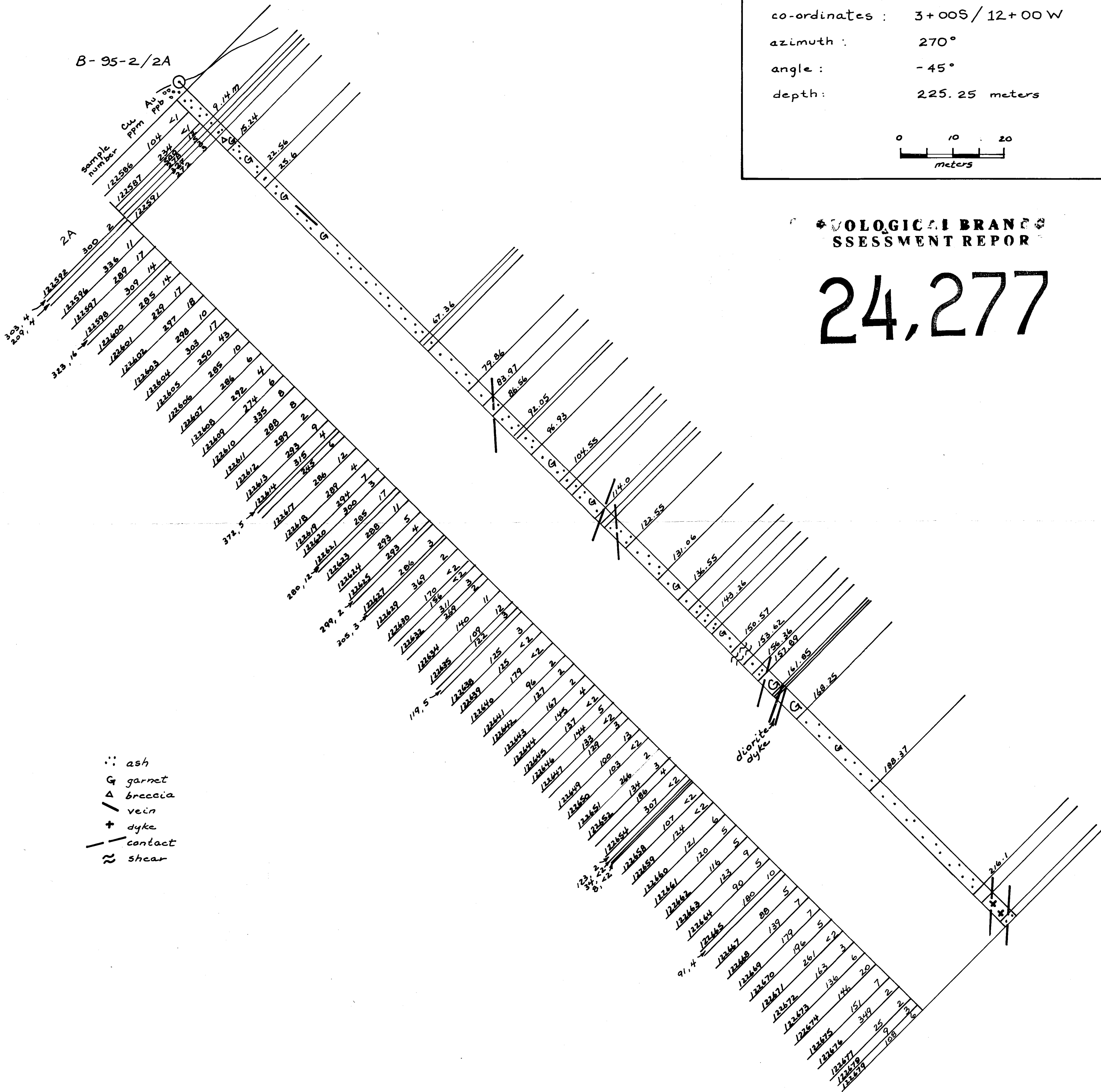
co-ordinates : 3+00S / 12+00 W
azimuth : 270°
angle : -45°
depth : 225.25 meters



LOGICAL BRANCH
ASSESSMENT REPORT

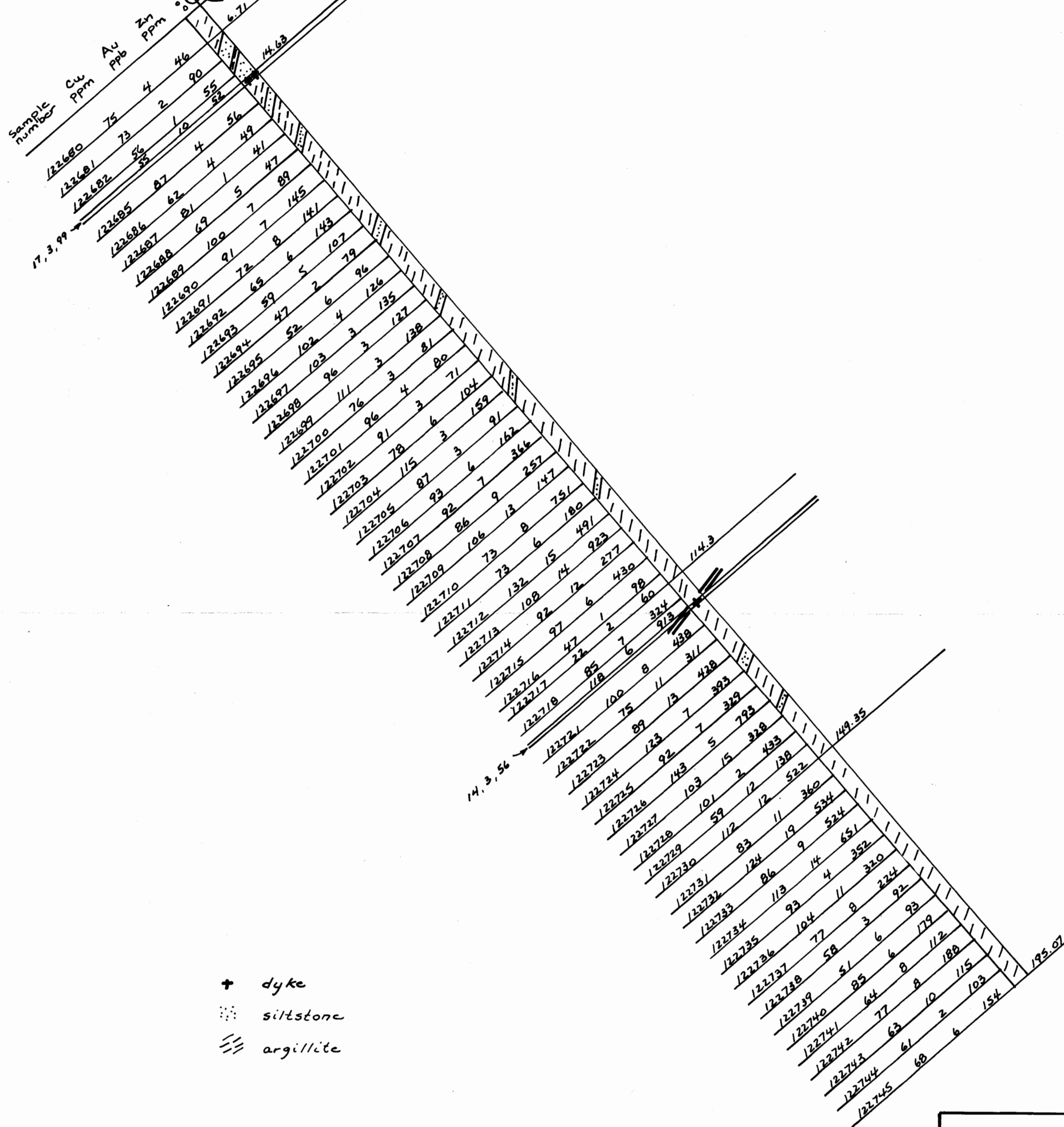
24,277

B-95-2/2A



- ∴ ash
- G garnet
- △ breccia
- / vein
- + dyke
- contact
- ~ shear

B-95-3





+ + intrusive
 ~ ~ fault zone

• GEOLOGICAL BRANCH
 • ASSESSMENT REPORT

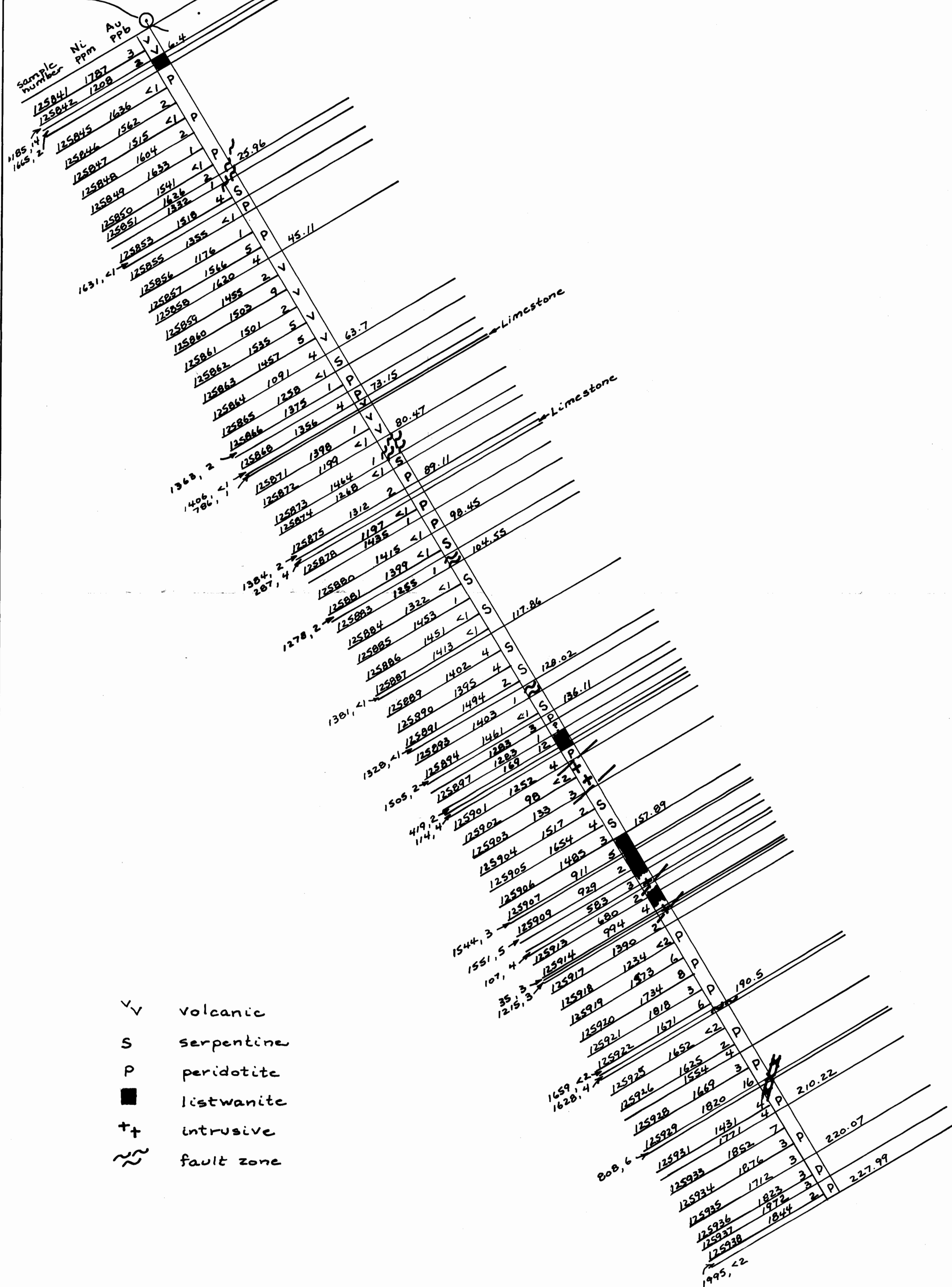
24,277

ddh 95-4, 4A

co-ordinates: 11+00E/11+00S
 azimuth: 277°
 angle: -45°
 depth: 89.92 meters

0 10 20
 meters

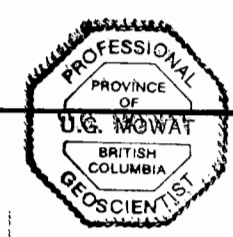
B-95-5



- V volcanic
- S serpentine
- P peridotite
- listwanite
- + intrusive
- ~ fault zone

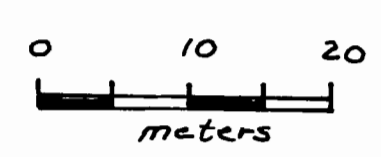
GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,277



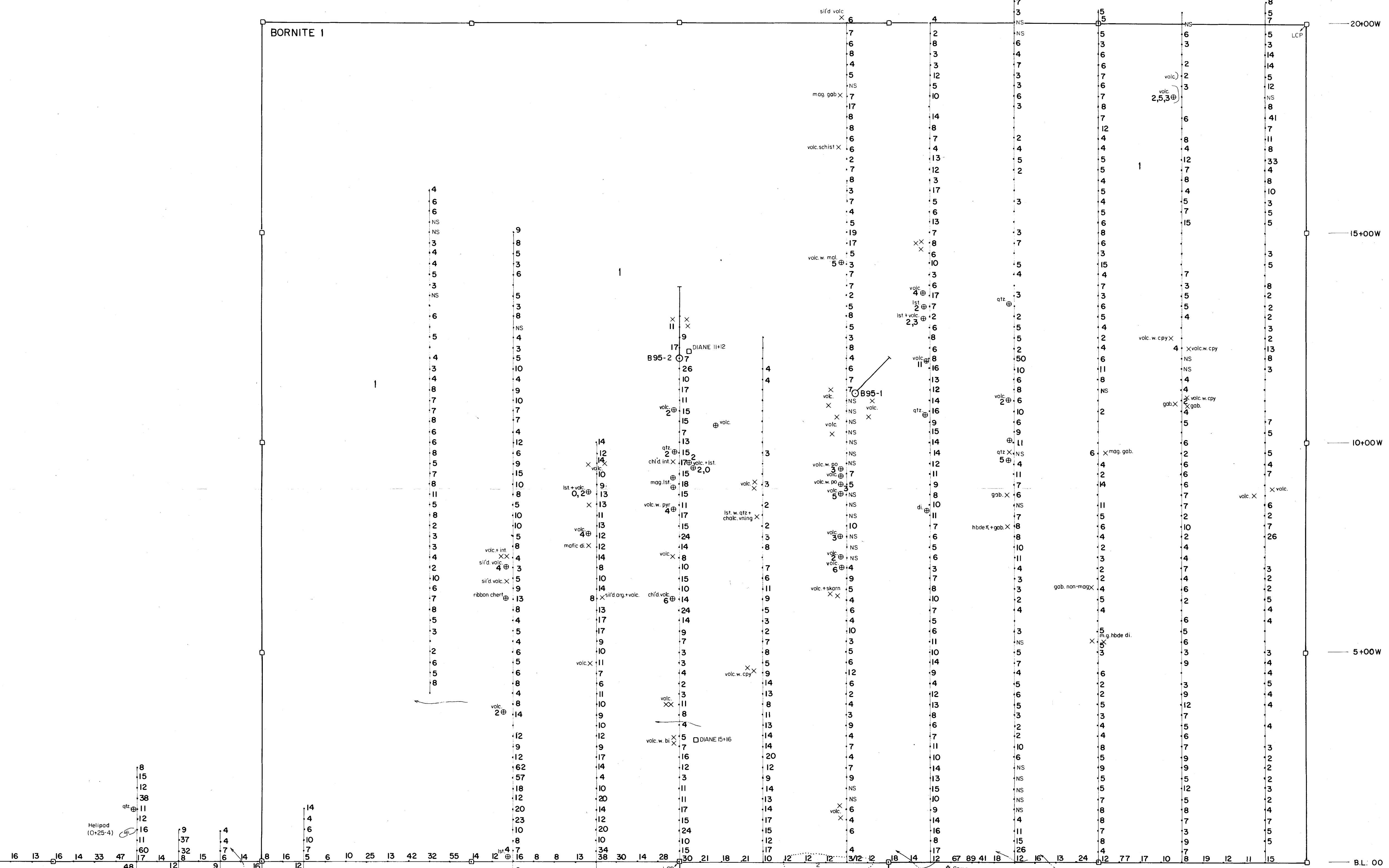
ddh 95-5

co-ordinates : 11+65E / 2+77S
 azimuth : 226°
 angle : -60°
 depth : 227.99 meters

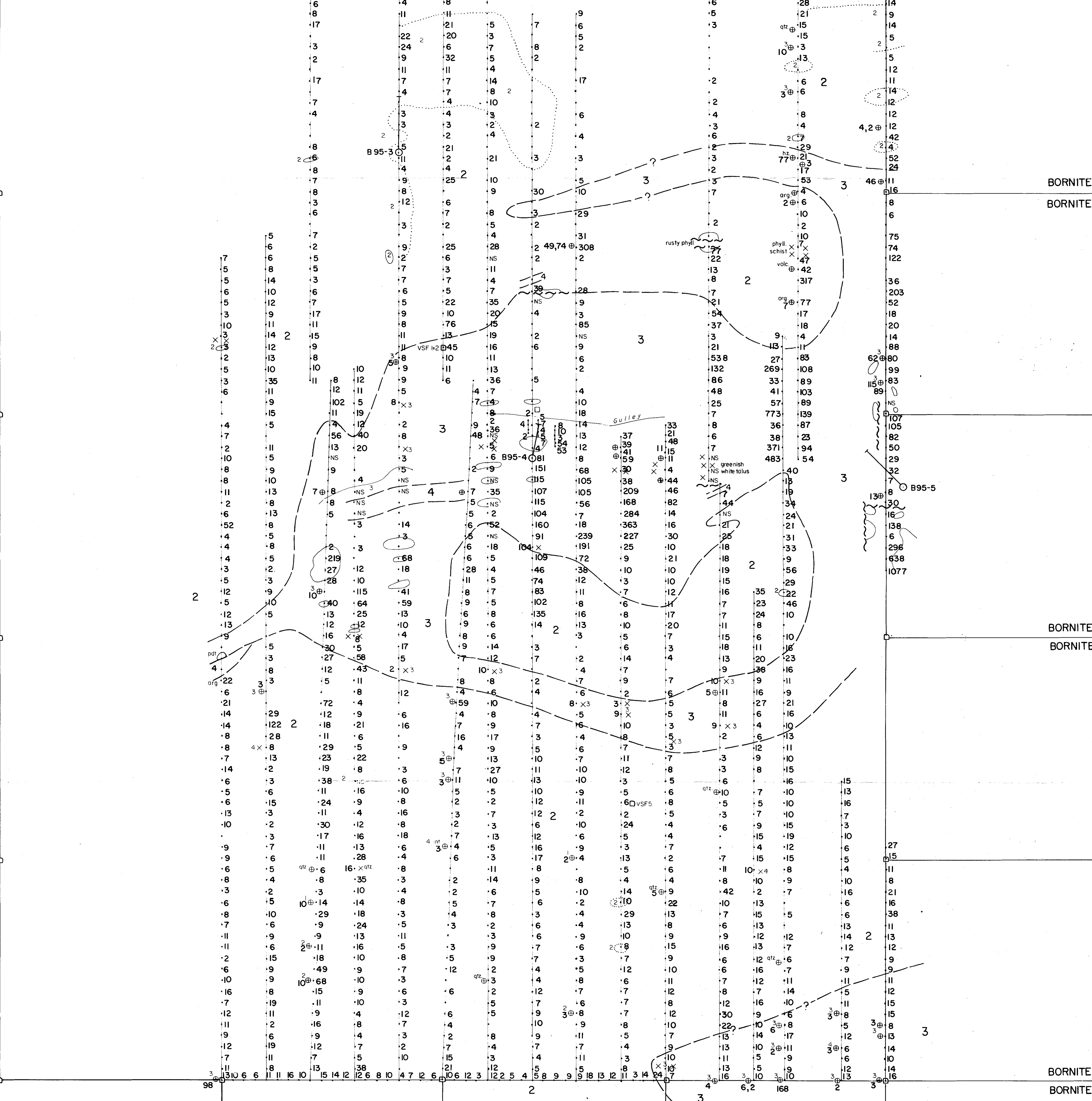


20+00W
15+00W
10+00W
5+00W
B.L. 00

BORNITE 1



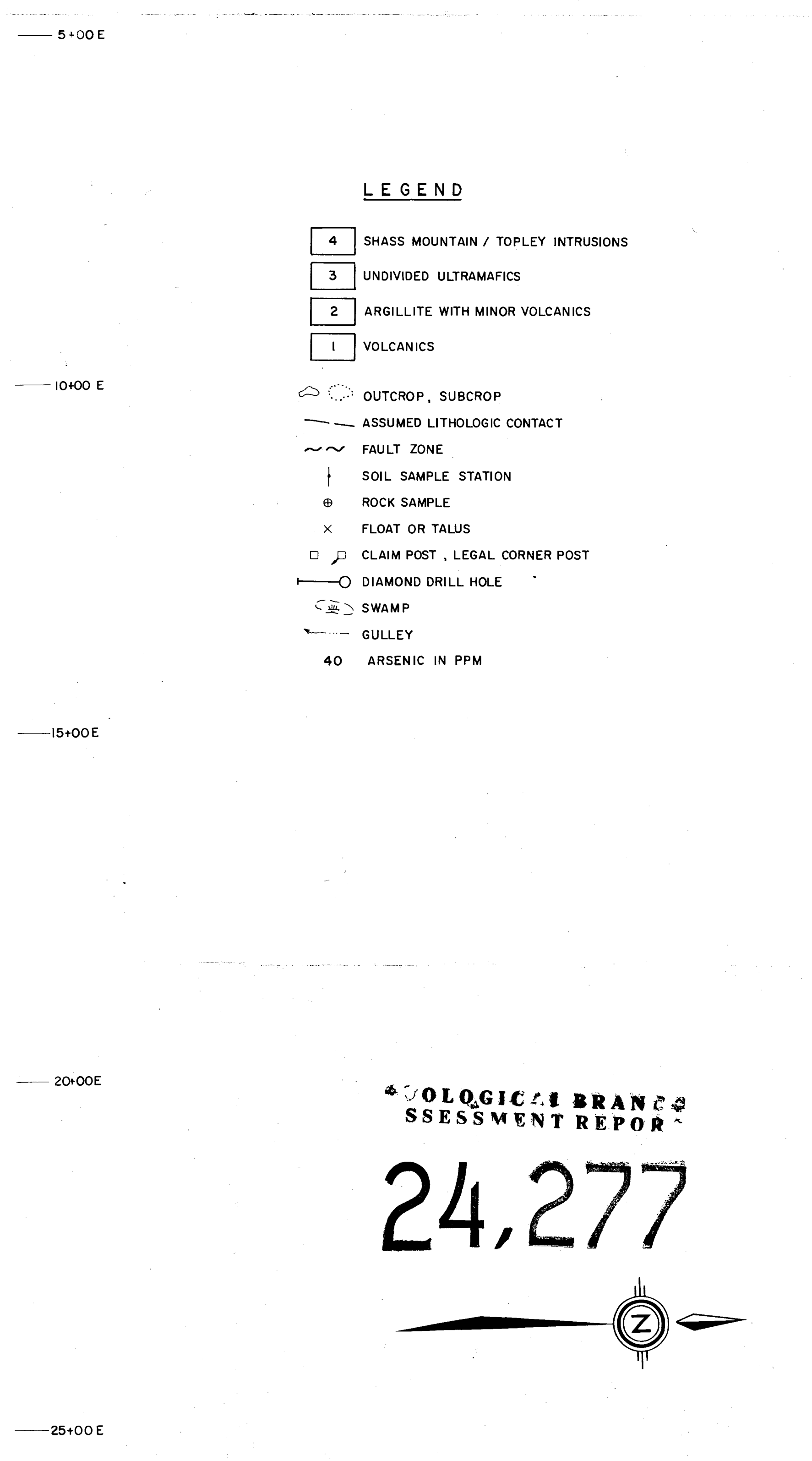
BORNITE 2



BORNITE 3
BORNITE 4

BORNITE 5
BORNITE 6

BORNITE 7
BORNITE 8



LEGEND

- 4 SHASS MOUNTAIN / TOPYLE INTRUSIONS
- 3 UNDIVIDED ULTRAMAFICS
- 2 ARGILLITE WITH MINOR VOLCANICS
- 1 VOLCANICS
- OUTCROP, SUBCROP
- ASSUMED LITHOLOGIC CONTACT
- FAULTY ZONE
- SOIL SAMPLE STATION
- ROCK SAMPLE
- FLOAT OR TALUS
- CLAIM POST, LEGAL CORNER POST
- DIAMOND DRILL HOLE
- SWAMP
- GULLEY
- 40 ARSENIC IN PPM

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,277



9+00S

5+00S

1+00S

3+00N

7+00N

11+00N

BORNITE 1

BORNITE 2

BORNITE 3

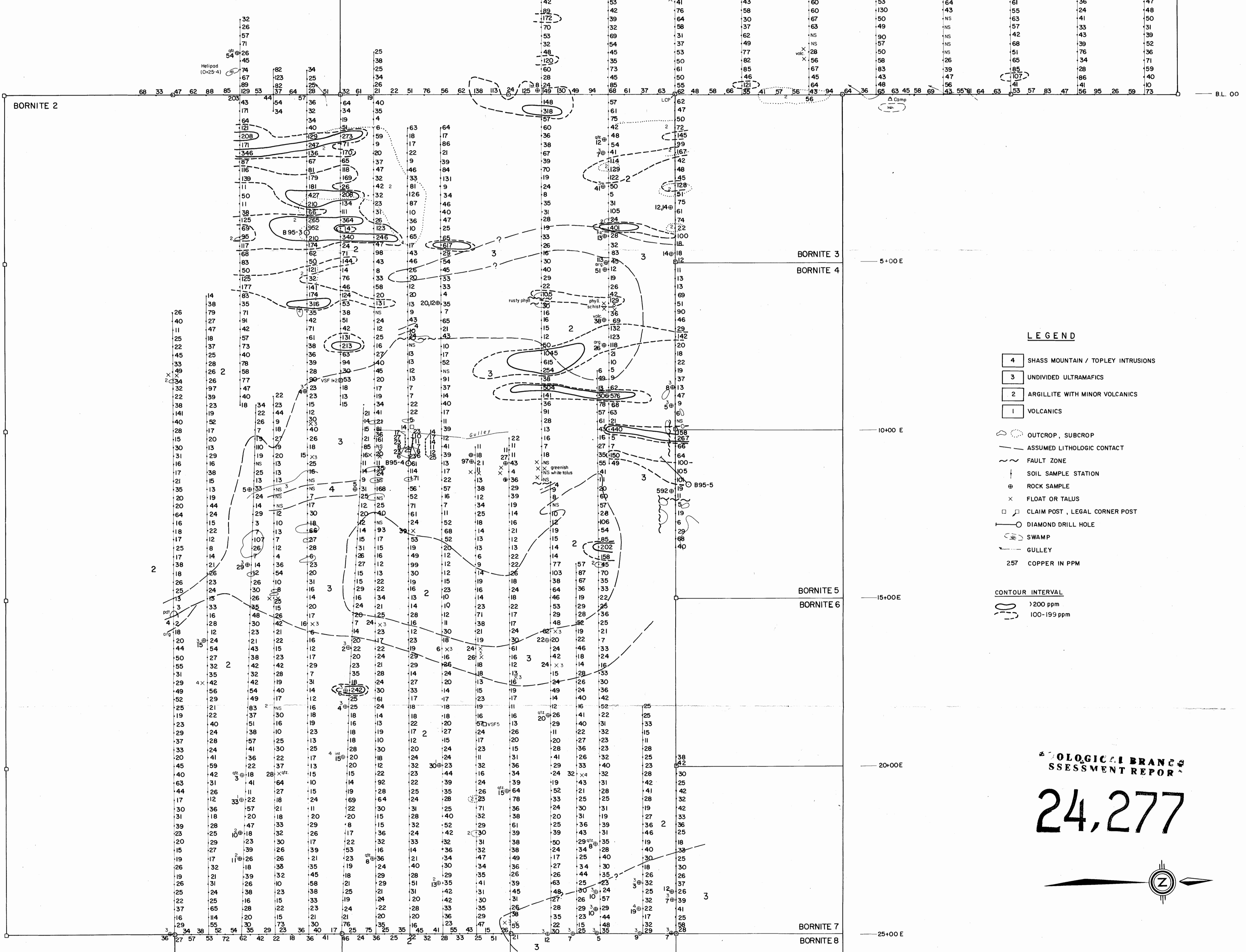
BORNITE 4

BORNITE 5

BORNITE 6

BORNITE 7

BORNITE 8



LEGEND

- 4 SHASS MOUNTAIN / TOPYLE INTRUSIONS
 - 3 UNDIVIDED ULTRAMAFICS
 - 2 ARGILLITE WITH MINOR VOLCANICS
 - 1 VOLCANICS
 - OUTCROP, SUBCROP
 - ASSUMED LITHOLOGIC CONTACT
 - ~ FAULT ZONE
 - ⊕ SOIL SAMPLE STATION
 - ⊙ ROCK SAMPLE
 - ⊗ FLOAT OR TALUS
 - ⊕ CLAIM POST, LEGAL CORNER POST
 - ⊕ DIAMOND DRILL HOLE
 - ⊕ SWAMP
 - ⊕ GULLEY
 - 257 COPPER IN PPM
- CONTOUR INTERVAL
- 200 ppm
 - 100-199 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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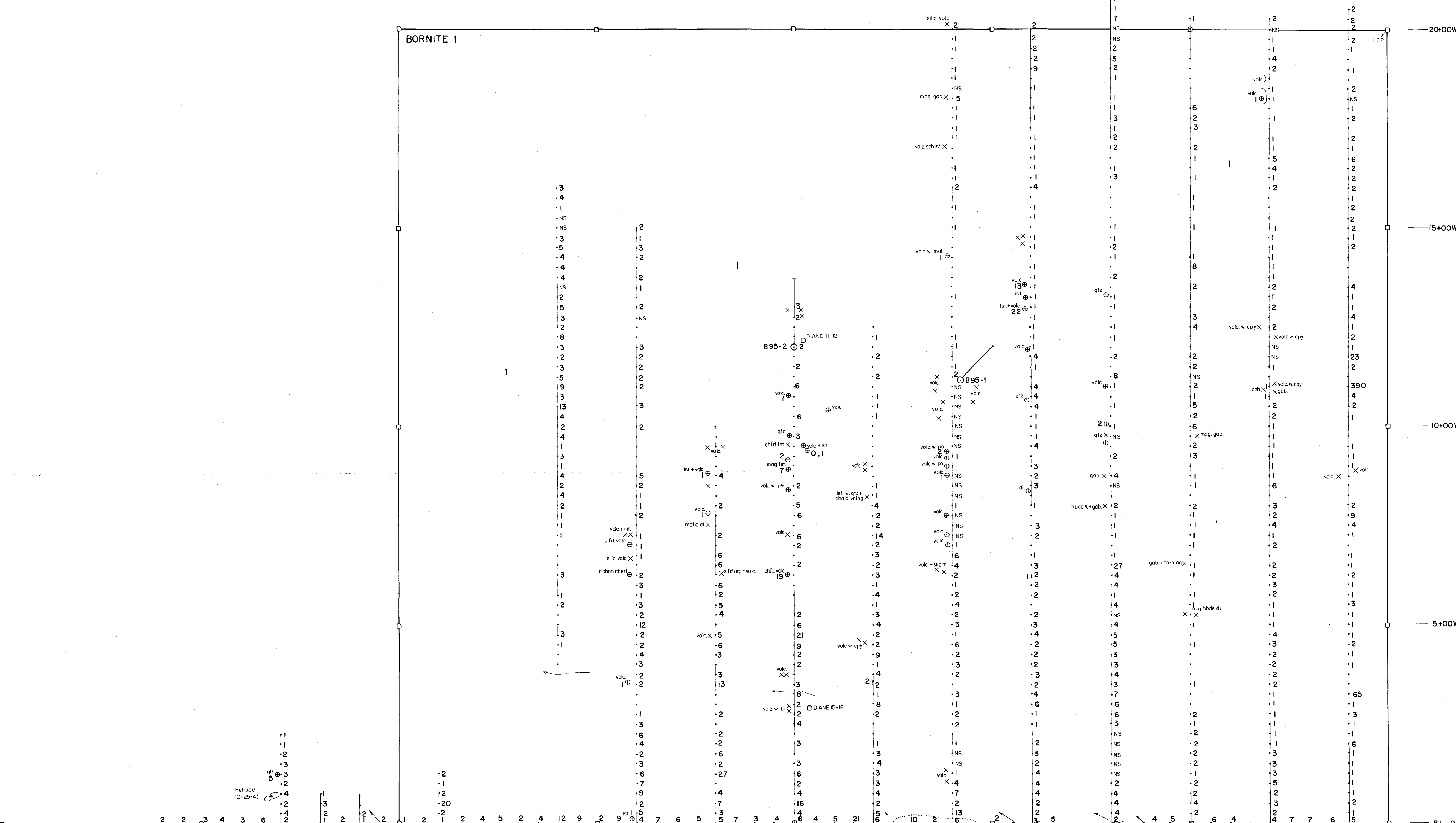
20+00W

15+00W

10+00W

5+00W

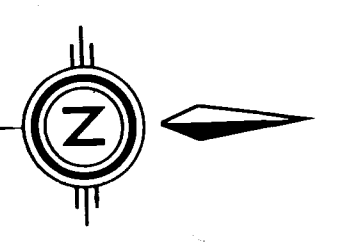
B.L. 00



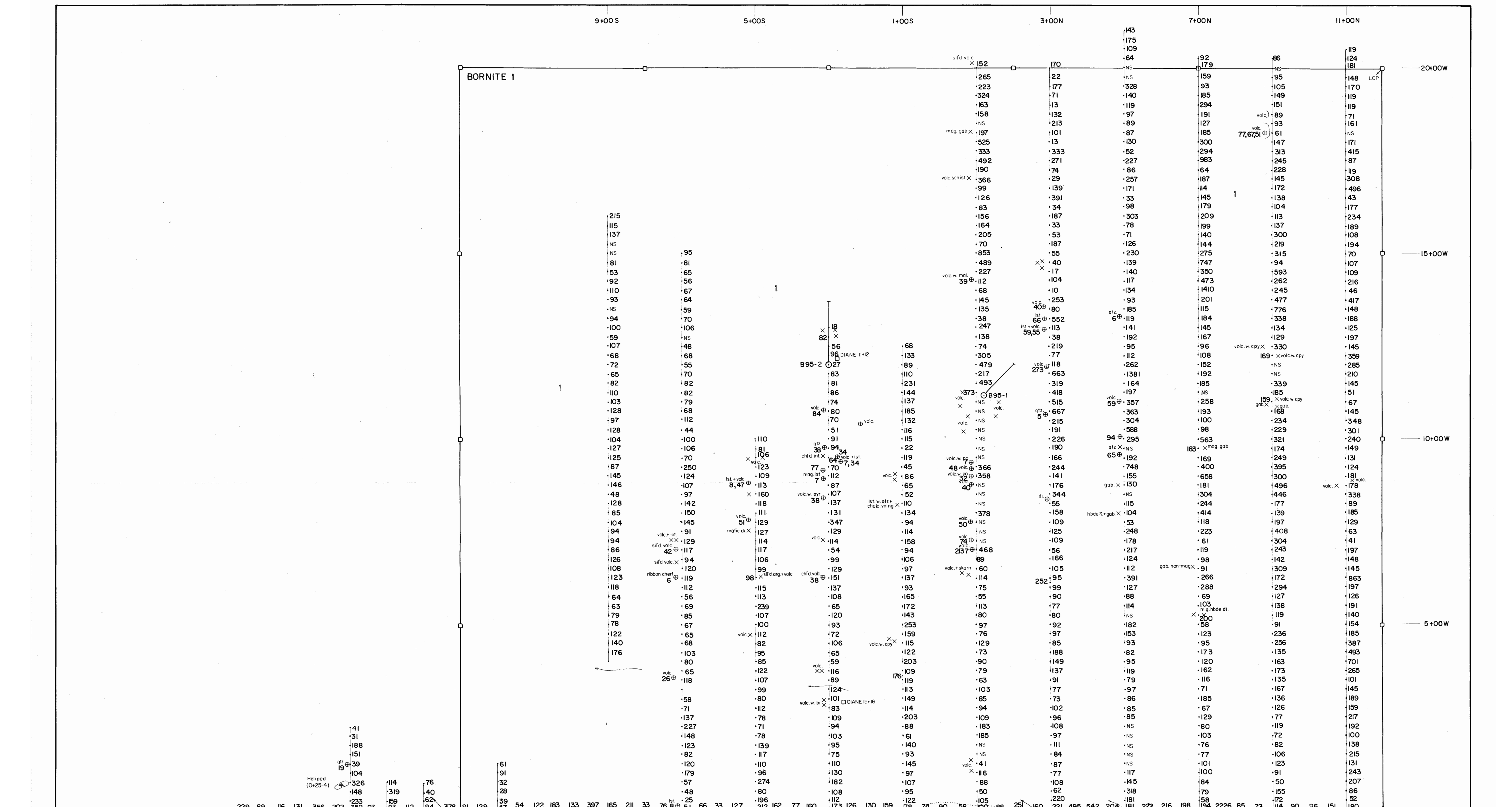
LEGEND

- 4 SHASS MOUNTAIN / TOPYLE INTRUSIONS
- 3 UNDIVIDED ULTRAMAFICS
- 2 ARGILLITE WITH MINOR VOLCANICS
- 1 VOLCANICS
- OUTCROP, SUBCROP
- ASSUMED LITHOLOGIC CONTACT
- FAULT ZONE
- SOIL SAMPLE STATION
- ROCK SAMPLE
- FLOAT OR TALUS
- CLAIM POST, LEGAL CORNER POST
- DIAMOND DRILL HOLE
- SWAMP
- GULLEY
- 21 GOLD IN PPB

GEOLOGICAL BRANCH
ASSESSMENT REPORT
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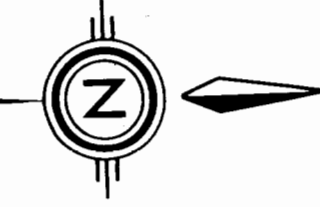


BORNITE 7
BORNITE 8



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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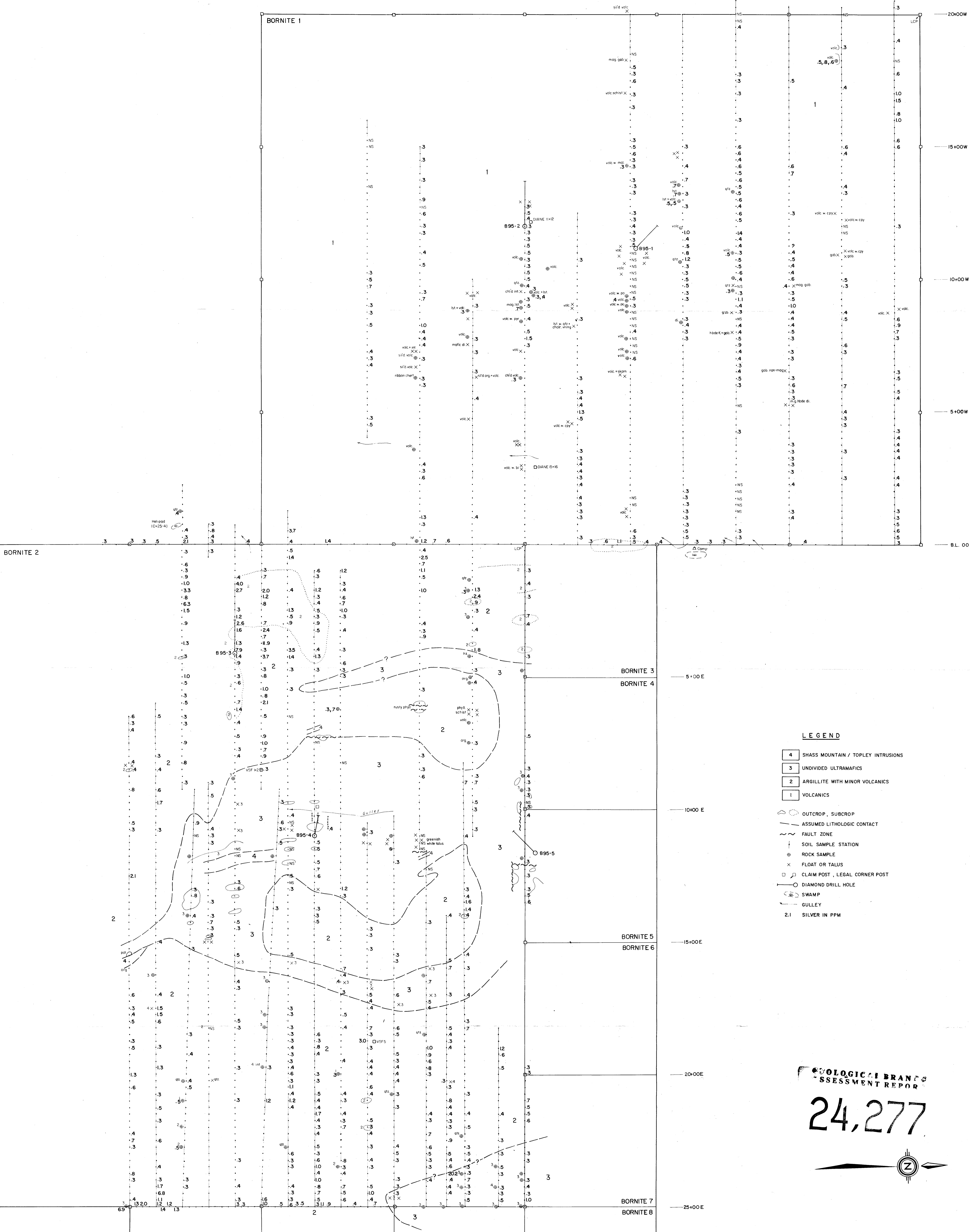
BORNITE 1

BORNITE 2

BORNITE 3
BORNITE 4

BORNITE 5
BORNITE 6

BORNITE 7
BORNITE 8



LEGEND

- 4 SHASS MOUNTAIN / TOPLEY INTRUSIONS
- 3 UNDIVIDED ULTRAMAFICS
- 2 ARGILLITE WITH MINOR VOLCANICS
- 1 VOLCANICS
- OUTCROP, SUBCROP
- ASSUMED LITHOLOGIC CONTACT
- ~ FAULT ZONE
- ⊕ SOIL SAMPLE STATION
- ⊙ ROCK SAMPLE
- × FLOAT OR TALUS
- CLAIM POST, LEGAL CORNER POST
- ⊙ DIAMOND DRILL HOLE
- ⊙ SWAMP
- GULLEY
- 2.1 SILVER IN PPM

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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9+00 S

5+00 S

1+00 S

3+00 N

7+00 N

11+00 N

64

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71

72

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BORNITE 1

BORNITE 2

BORNITE 3

BORNITE 4

BORNITE 5

BORNITE 6

BORNITE 7

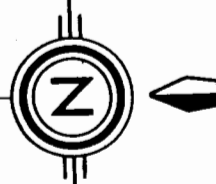
BORNITE 8

LEGEND

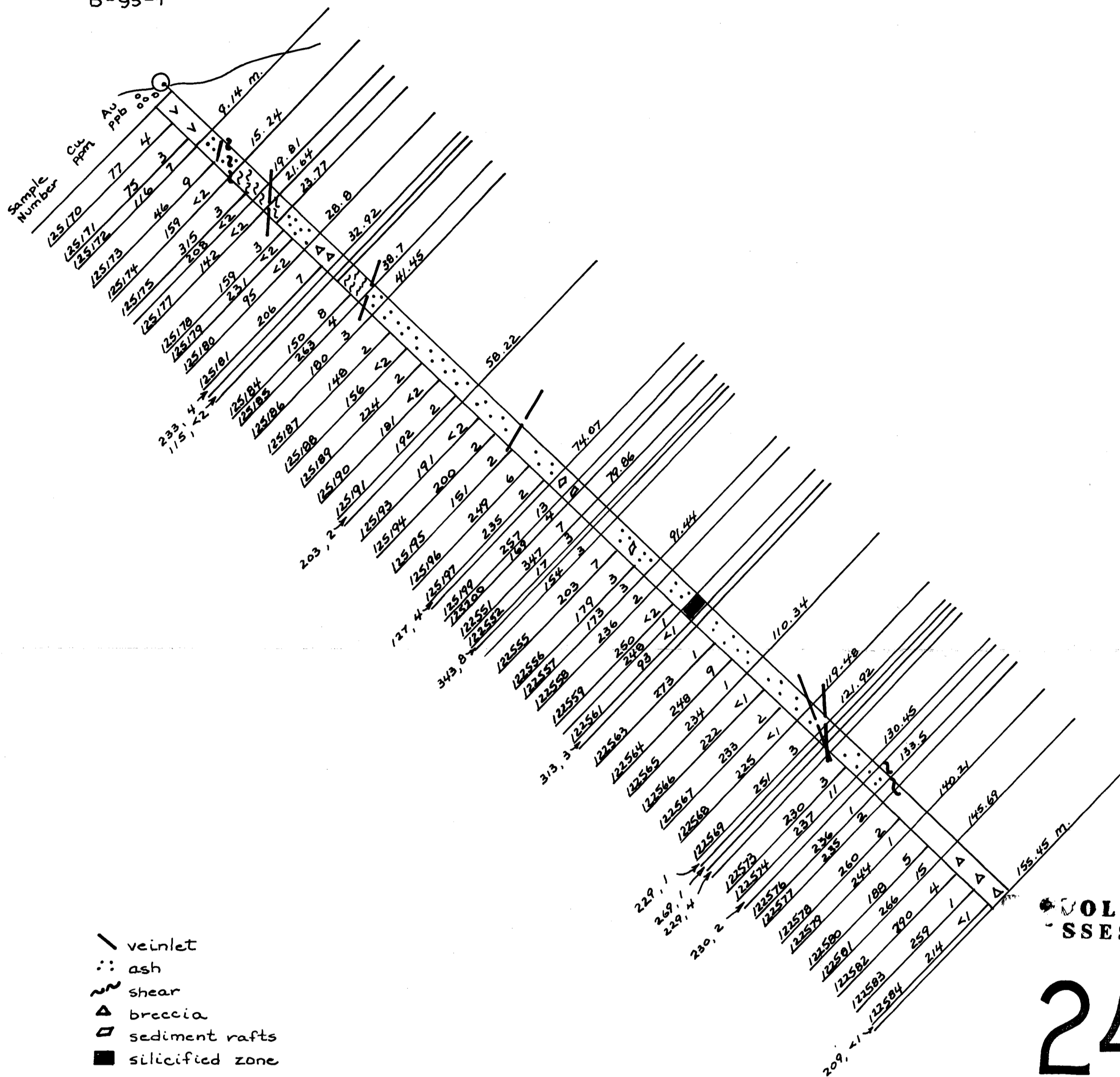
- 4 SHASS MOUNTAIN / TOPLEY INTRUSIONS
- 3 UNDIVIDED ULTRAMAFICS
- 2 ARGILLITE WITH MINOR VOLCANICS
- 1 VOLCANICS
- OUTCROP, SUBCROP
- ASSUMED LITHOLOGIC CONTACT
- FAULT ZONE
- SOIL SAMPLE STATION
- ROCK SAMPLE
- FLOAT OR TALUS
- CLAIM POST - LEGAL CORNER POST
- DIAMOND DRILL HOLE
- SWAMP
- GULLEY
- 344 ZINC IN PPM

GEOLOGICAL BRANCH ASSESSMENT REPORT

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B-95-1



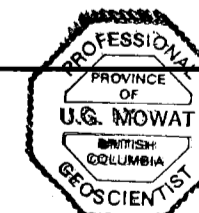
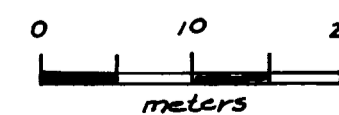
- veinlet
- :: ash
- ~ shear
- △ breccia
- sediment rafts
- silicified zone
- - - contact

GEOLOGICAL BRANCH
ASSESSMENT REPORT

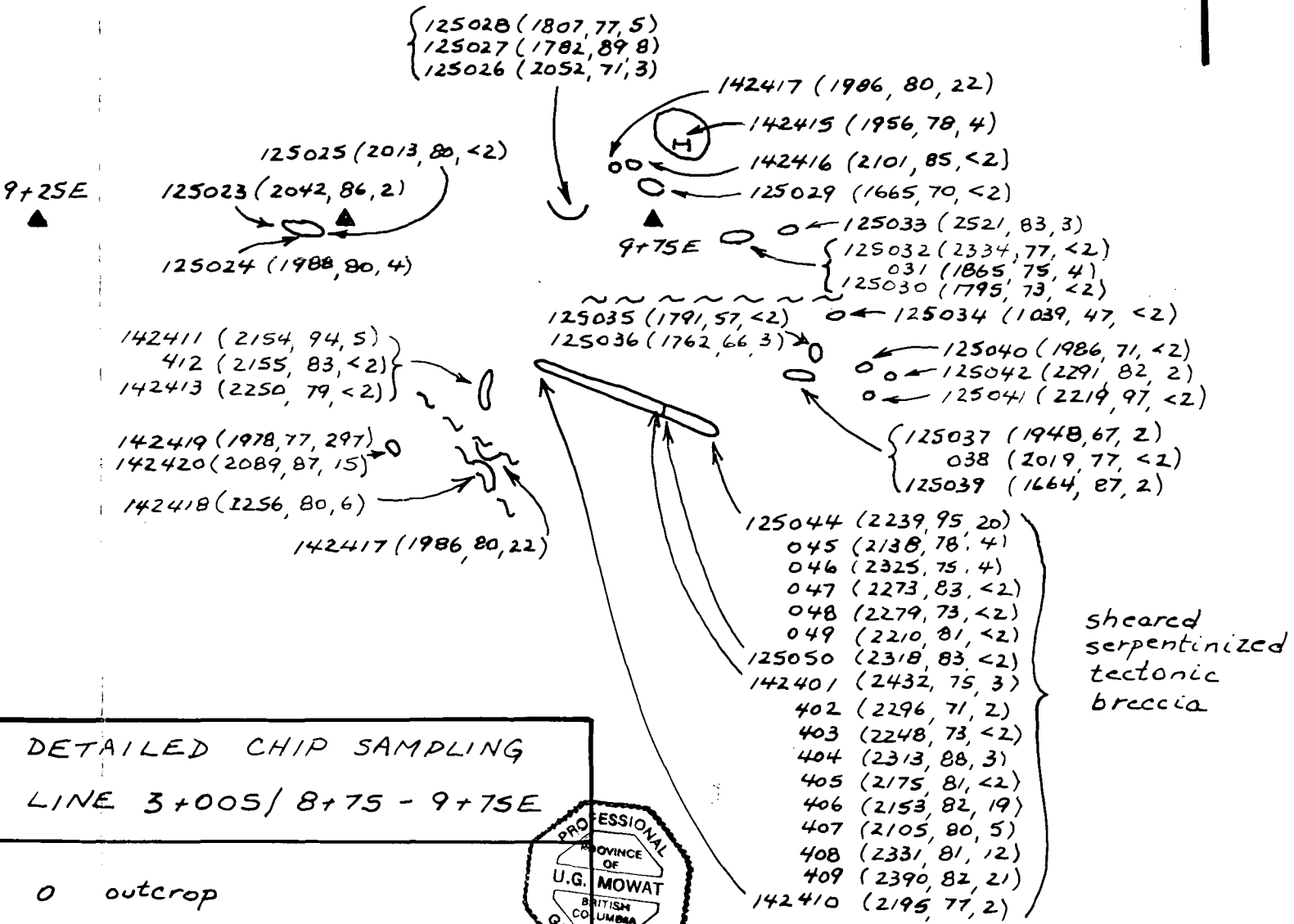
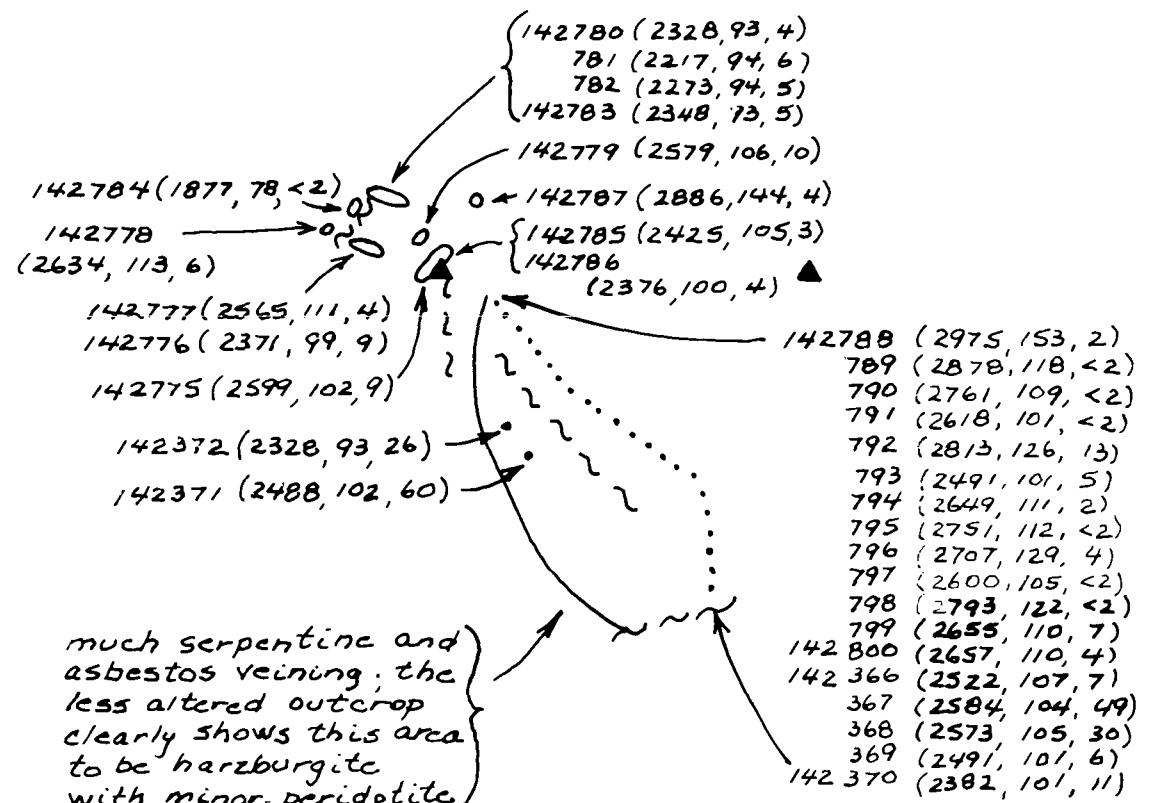
24,277

ddh 95-1

co-ordinates : 1+22N/11+05W
azimuth : 315°
angle : -45°
depth : 155.45 meters



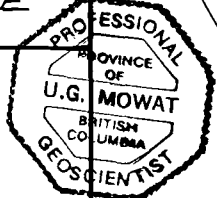
24,277



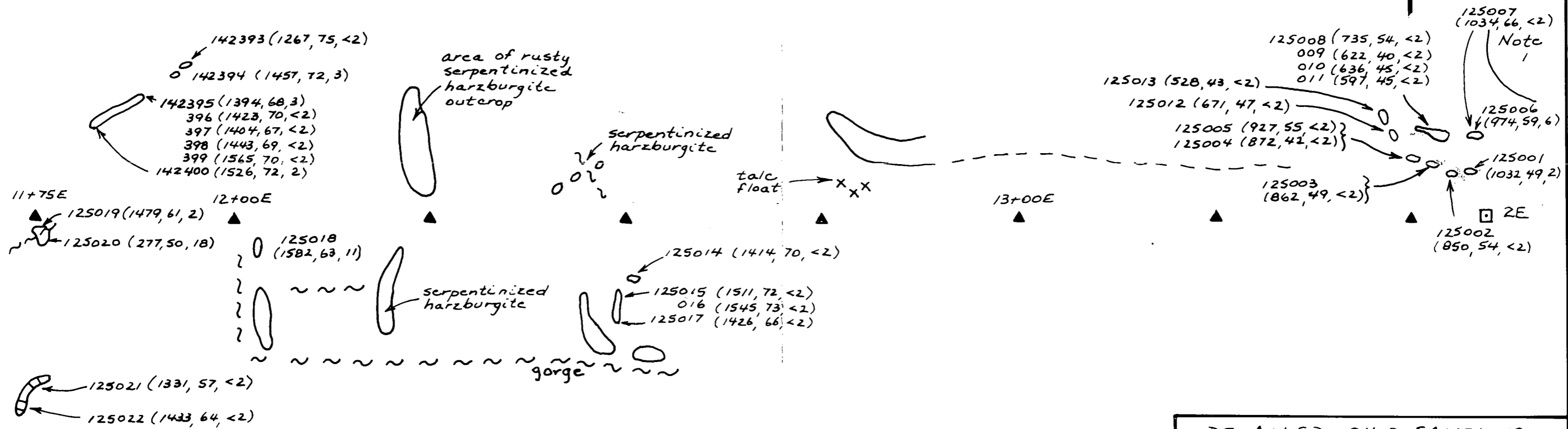
142035 and 142036 - volcanic boulder (?); heavily chloritized with magnetite; lapilli fragments

DETAILED CHIP SAMPLING
LINE 3+005 / 8+75 - 9+75E

○ outcrop
○₁₄₂₄₁₉ sample number
(1978, 77, 297) Ni (ppm), Co (ppm), Au (ppb)
▲ station



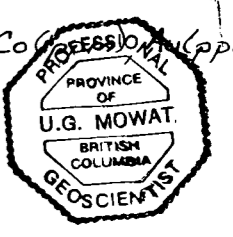
24,277



DETAILED CHIP SAMPLING
LINE 3+00S/ 11+75 - 13+50E

○ outcrop
○₁₄₂₄₁₉ sample number
(1970, 77, 297) Ni (ppm), Co (ppb)

▲ station
□ claim post



Note 1 massive talc outcrop generally pale grey with red brown rusty patches; intensely sheared at 045°/90°

125009 and 125010 have a minor amount of 1cm wide vertical quartz veinlets

125019 dark greenish grey with distinct whitish schlieren and cobble of intrusive; disseminated chalcopyrite

