ASSESSMENT REPORT

GEOLOGICAL AND SOIL GEOCHEMICAL REPORT

on the

YELLOW MOOSE PROPERTY
YEL 1 TO YEL 11 Mineral Claims
PROJECT NO. 249

OMINECA MINING DIVISION
BRITISH COLUMBIA

NTS 93F/6,11
53° 30' North Latitude
125° 06' 30" West Longitude

by

C. W. Payne M.Sc., P.Geo.

FOX GEOLOGICAL SERVICES INC.
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Work Paid for by
PHELPS DODGE CORPORATION OF CANADA, LIMITED

January 23, 1996

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SUMMARY

A program of geological mapping, prospecting and soil sampling was conducted on the Yellow Moose Property in central B.C. between June 10 and September 28, 1995. The property is located approximately 70 kilometres south of Fraser Lake on the Nechako Plateau. Access is south of Fraser Lake via the Holy Cross Forest Service Road and then west on the 500 Forest Access Road for 19 kilometres and then south on the Knewstubb road which bisects the property.

The Yellow Moose Property is centrally located in the Interior Plateau of British Columbia, within the Intermontaine Belt, in the central portion of the Stikine Terrane. The west side of the property is underlain by upper Cretaceous Kasalka Group andesite/basalt while the central and eastern parts of the claims are underlain by lower to middle Eocene Ootsa Lake Group felsic volcanic rocks with associated volcanogenic sediments and pyroclastic rocks. In the north-central and northeastern parts of the property these rocks are capped by flat lying Miocene Endako Group basalt with minor andesite flows and tuffaceous rocks.

The 1995 exploration program was designed as a follow-up to Cogema's 1994 field season to evaluate areas of anomalous high resistivity outlined by a previous airborne survey on the property. A total of 1009 soil samples were collected over areas of interest and outlined coincident east-west trending arsenic and mercury soil anomalies through the central part of the property however anomalous gold values within this area are only weakly anomalous and irregularly distributed. A total of 159 rock samples were collected throughout the property with moderate to strongly anomalous arsenic values ranging up to 5,904ppm As and mercury values up to 14,013ppb Hg. Gold values were uniformly low with the highest value of 654ppb Au from a silicified lapilli tuff breccia with quartz/chalcedony veinlets. All rock samples weakly anomalous in gold are related to a fault structure within an extensive argillically altered envelope.

INTRODUCTION

This report details an exploration program conducted on the Yellow Moose Property between June 10 to September 28, 1995. A total of 120.2 man days was spent collecting soil and rock samples, prospecting and geological mapping the central and southern part of the property. The results of this work are reported herein.

LOCATION, ACCESS and PHYSIOGRAPHY

The Yellow Moose Property is located in central British Columbia, approximately 70 kilometres south of Fraser Lake. The claims lie just north of Yellow Moose Lake on NTS map sheets 93 F/6 and 11 (see Figure 1).

Access to the property is south from Fraser Lake for 68 kilometres via the Holy Cross Forest Service road, and then west on the 500 Forest Service road to kilometre 46 and then south on the Knewstubb road for six kilometres to the central part of the property.

The property is situated on a series of hills ranging in elevation up to 1100 metres in the central part of the property to 880 metres along the southern boundary of the claims near Yellow Moose Lake. Outcrop is sparse and limited to hill tops and steep slopes.

Most of the property has been logged with patchy areas of forest cover which consists primarily of spruce and pine on the eastern and southern parts of the claims.

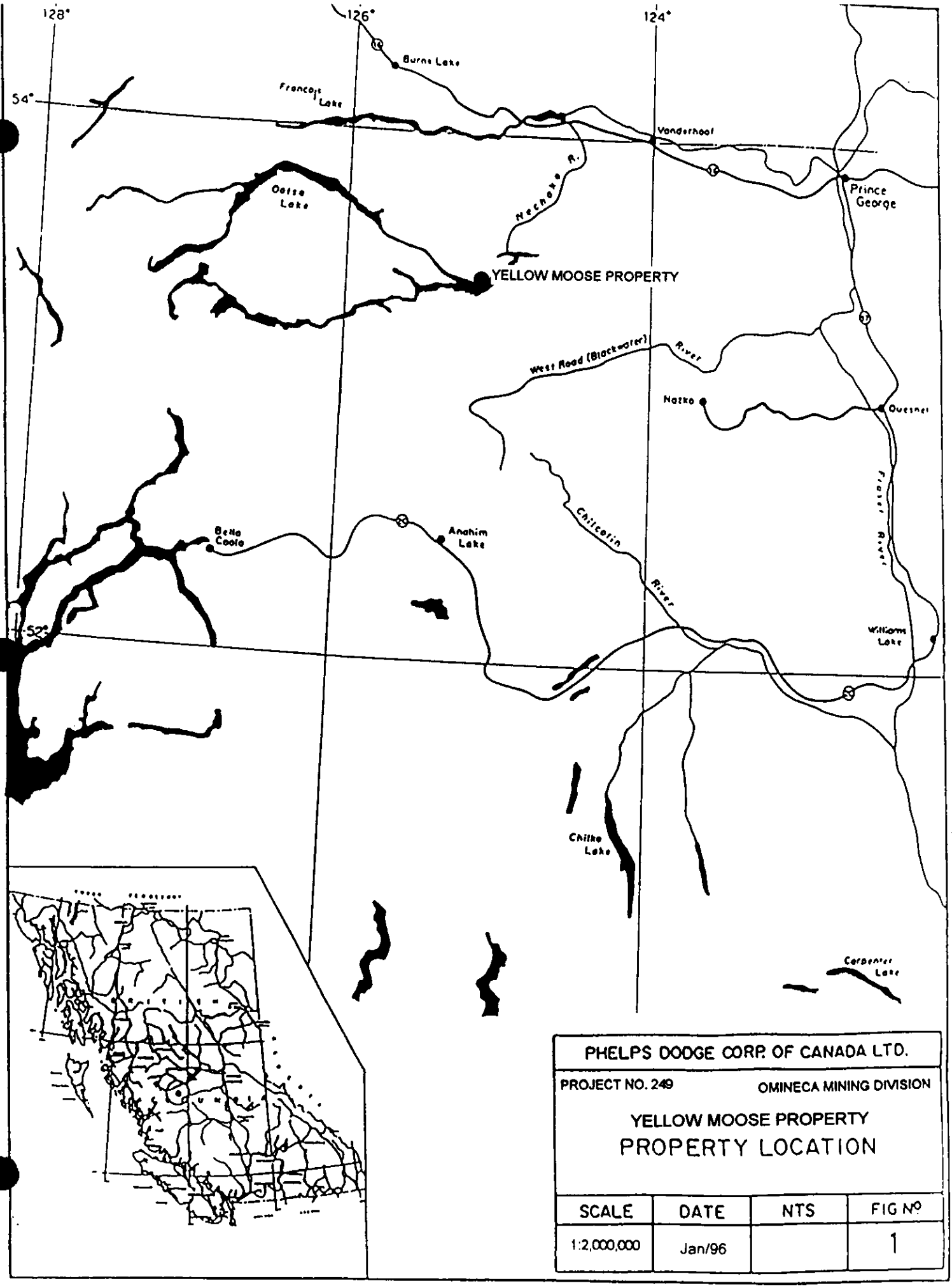
CLAIM INFORMATION

The Yellow Moose Property consists of 11 four post claims, totalling 173 units, recorded in the Omineca Mining Division and located on NTS map sheets 93F/6 and 11 (see Figure 2). Claim details are set out below. Expiry dates listed below assumes that current work is accepted for assessment purposes.

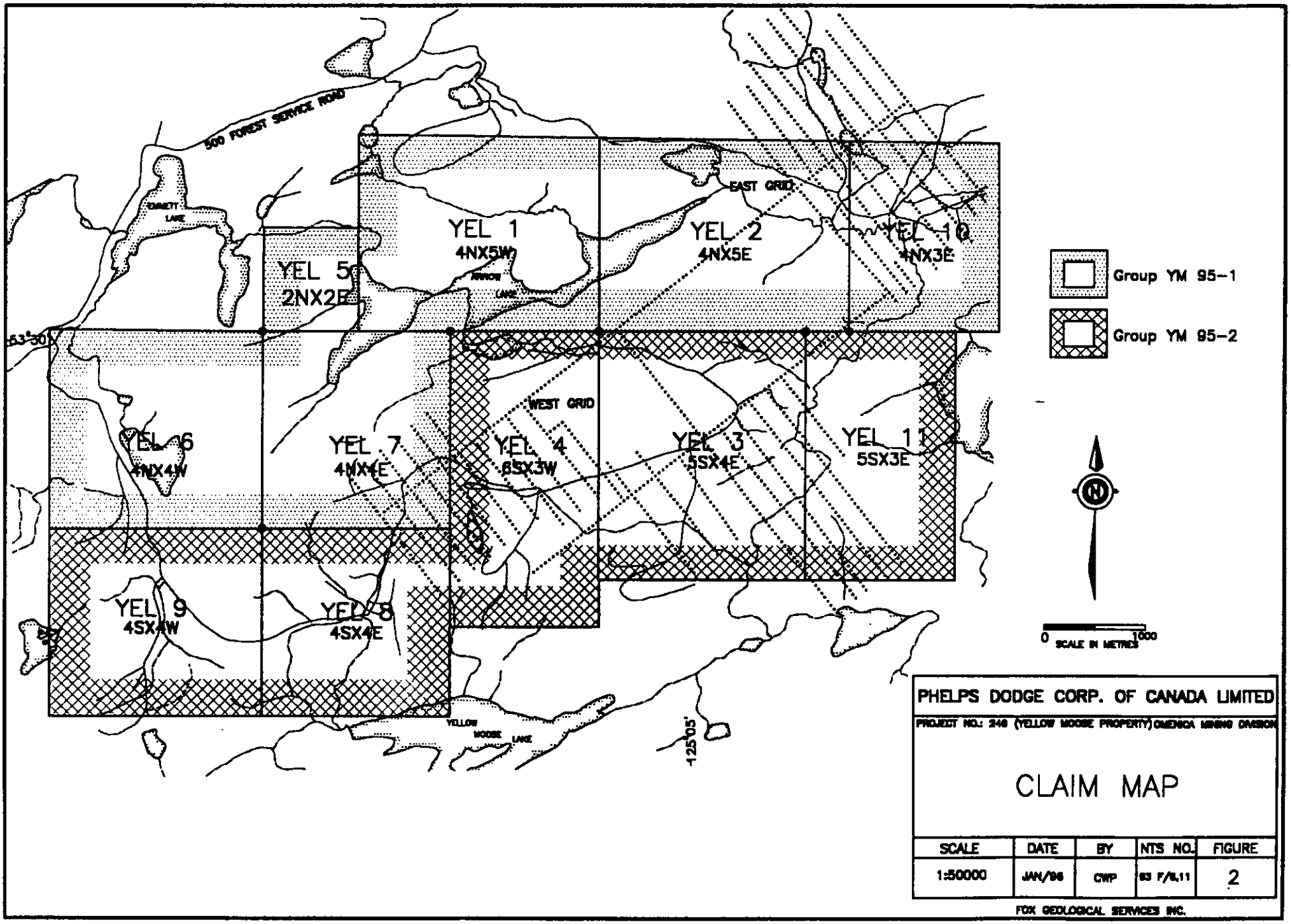
The claims listed below comprise the YM 95-1 and YM 95-2 Groups under a Notice to Group recorded November 6, 1995.

Table 1 Claims Data

CLAIM NAME	TENURE NO.	EXPIRY DATE	UNITS
YEL 1	314661	Nov 11, 1998	20
YEL 2	314662	Nov 11, 1998	20
YEL 3	314663	Nov 11, 1998	20
YEL 4	314664	Nov 11, 1998	18
YEL 5	314665	Nov 10, 1998	4
YEL 6	314666	Nov 10, 1998	16
YEL 7	314667	Nov 11, 1998	16
YEL 8	314668	Nov 10, 1998	16
YEL 9	314669	Nov 10, 1998	16
YEL 10	326473	June 01, 1998	12
YEL 11	326474	June 01, 1998	15



PHELPS DODGE CORP. OF CANADA LTD.			
PROJECT NO. 249	OMINECA MINING DIVISION		
YELLOW MOOSE PROPERTY PROPERTY LOCATION			
SCALE	DATE	NTS	FIG Nº
1:2,000,000	Jan/96		1


500 FOREST SERVICE ROAD
EMMETT LAKE
YEL 1
4NX5W
YEL 2
4NX5E
YEL 10
4NX3E
YEL 5
2NX2E
ARROW LAKE
EAST GRID
63°30'
WEST GRID
YEL 6
4NX4W
YEL 7
4NX4E
YEL 4
6SX3W
YEL 3
5SX4E
YEL 11
5SX3E
YEL 9
4SX4W
YEL 8
4SX4E
YELLOW MOOSE LAKE
125°05'
Group YM 95-1
Group YM 95-2
N
0
1000
SCALE IN METRES
PHELPS DODGE CORP. OF CANADA LIMITED
PROJECT NO.: 248 (YELLOW MOOSE PROPERTY) OMINECA MINING DIVISION
CLAIM MAP
SCALE
1:50000
DATE
JAN/96
BY
CWP
NTS NO.
93 F/6,11
FIGURE
2
FOX GEOLOGICAL SERVICES INC.

HISTORY

The northeast part of the Yellow Moose Property was staked in 1987 (White claims) by Newmont Exploration of Canada Ltd after regional exploration in the area in 1986 and 1987. Work in 1987 and 1988 by Newmont included prospecting, geological mapping, soil and rock sampling, geophysical surveys including magnetics and VLF-R as well as hand trenching on the Arrow and Gus showings. The property was optioned to Windflower Mining Ltd. in 1989 who completed an IP-resistivity survey on the Newmont grid.

Cogema Resources Inc. staked nine 4 post claims in 1992 following a regional reconnaissance program in the area to cover the Gus and Arrow showings and their mineralized boulder trains and anomalous till geochemical results. Exploration work in 1993 consisted of a heliborne Mag-EM survey, bedrock and surficial mapping, wide spaced till geochemical survey and prospecting. In 1994 Cogema carried out trenching, geological mapping and prospecting, detailed till geochemical surveys and limited diamond drilling on the Gus and IPA showings. Two more claims totalling 27 units were added to the claim block in 1994 to cover airborne geophysical anomalies.

REGIONAL GEOLOGY

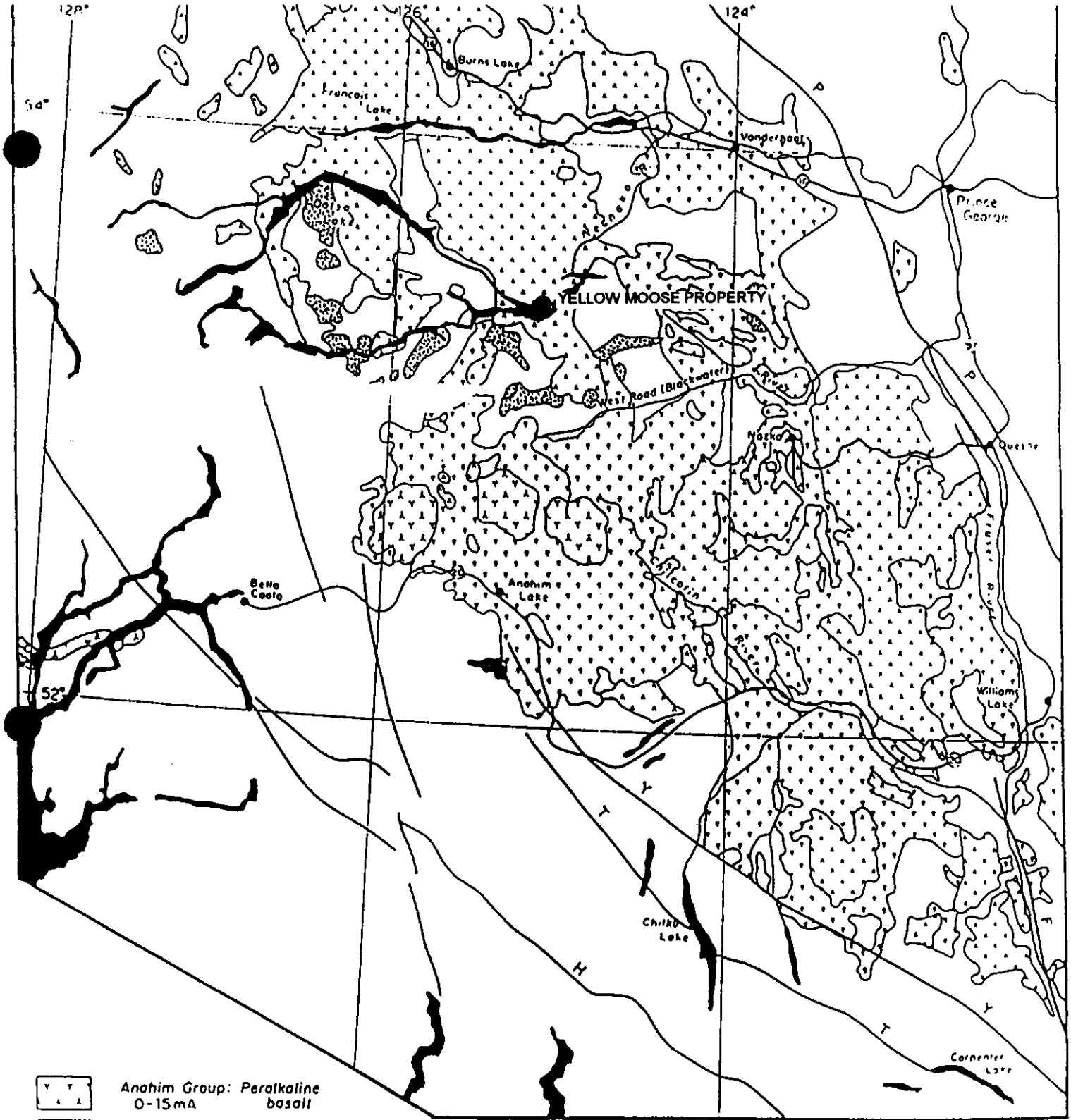
The Yellow Moose Property is centrally located in the Interior Plateau of British Columbia within the Intermontaine Belt, which consists of late Paleozoic to late Tertiary sedimentary and volcanic rocks belonging to the Stikinia, Cache Creek and Quesnellia Terranes. The Yalakom and Fraser Fault systems bound the plateau to the southwest and northeast. A third fault has been inferred from oil exploration data to bisect the plateau. The Anahim Volcanic Belt, which crosses the plateau in an east-west direction, is composed of a series of alkaline and peralkaline volcanic centers of Miocene to Quaternary age which become younger from west to east.

The Yellow Moose claims lie within the central portion of the Stikine Terrane, which locally consists of three volcanic-stratigraphic groups ranging in age from upper Cretaceous to Miocene. An Eocene extensional tectonic event, which resulted in basin and range type topography, is associated with epithermal, volcanic-hosted gold mineralization.

Mapping in the Natalkus Lake area by B.C. Geological Survey geologists Diakow, Green, Whittles and Perry in 1993 shows the immediate area of the property to be underlain by upper Cretaceous Kasalka Group? porphyritic andesite which is unconformably overlain by lower to middle Eocene Ootsa Lake Group rhyolite to dacite flows, associated pyroclastic rocks and locally derived sediments capped by flat lying upper Eocene to Oligocene Endako Group basalt and minor tuffaceous rocks (see Figure 3).

PROPERTY GEOLOGY

The western and southeastern parts of the property is underlain by upper Cretaceous, Kasalka Group porphyritic andesite, lapilli tuff and a thin sequence of conglomerate. Andesite is grey-green, massive with minor localized development of flow top breccia. There are minor basalt flows intercalated with the andesite. The basalt is fine to medium grained, grey to black with local flows containing up to 8% pyroxene phenocrysts (augite?) and <2% plagioclase phenocrysts set in a fine grained felted matrix. The andesite is commonly porphyritic with both



Anahim Group: Peralkaline basalt 0-15mA

Chilcotin Group: Backarc alkaline/tholeiite basalt 2-10mA

Nanika, Ouanchus Intrusives: Quartz monzonite, granite 60mA

Ootsa Group: Calc-alkaline felsic volcanics 35-70mA

Pre-Tertiary rocks and Coast Intrusions

Fault — H - Harrison, T - Tchaikazan, Y - Yalakom, F - Fraser, P - Pinchi

PHELPS DODGE CORP. OF CANADA LTD.

PROJECT NO. 249 OMINECA MINING DIVISION

YELLOW MOOSE PROPERTY

REGIONAL GEOLOGY

SCALE	DATE	NTS	FIG Nº
1:2,000,000	Jan/96		3

lath shaped plagioclase and hornblende phenocrysts set in a grey aphanitic groundmass. Locally the groundmass is weakly propyllitic. Crowded feldspar+hornblende phyric flows are common in the southwest corner of the property. Overlying the volcanic sequence is lapilli tuff which is grey-maroon, with angular to subrounded fragments set in a fine grained locally feldspar phyric maroon matrix. The fragments range in size from <3mm to 2cm, the fragments consist of a medium grained grey porphyritic andesite to fine grained, grey andesite. In the southwestern part of the property are several small road outcrops of shallow northeast to east dipping sequence of maroon to red polymictic conglomerate with a mud rich sandy matrix. The conglomerate is matrix supported with rounded to subangular clasts of light grey porphyritic volcanic, maroon lapilli tuff (local source?), white to cream granite and smaller clasts of fine grained sediments. Clast size range from <1cm to 30cm.

Lower to middle Eocene, Ootsa Lake Group rhyolite is exposed through the west-central, central and eastern areas of the property forming a series of east-west oriented incised knolls. Rhyolite in the west-central and central part of the property consist of a maroon to cream coloured feldspar phyric rock which is intercalated with flows which are banded. Locally within the sequence are quartz phyric flows but appear to be of limited lateral extent. When the rocks are unaltered they have euhedral plagioclase +/- quartz phenocrysts (rounded) set in a maroon to light grey vitreous matrix. On a local scale the rocks are flow banded, micro brecciated, spherulitic and sometimes perlitic. Generally the unaltered or weakly altered rhyolite occupies the tops of knolls through the western and central parts of the property while the topographic lows contain the moderate to strongly altered rhyolite. The east-central and southeastern areas of the property is underlain by maroon to grey quartz+feldspar phyric rhyolite with abundant intercalated thick sequences of shallow west dipping crystal tuff, ash flow tuff and coarse lapilli tuff. The various rhyolitic and pyroclastic rocks observed in the eastern part of the property commonly contain rounded quartz phenocrysts. Argillic alteration is not as pervasive or widespread in the eastern part of the property in comparison to the western part.

Within the east-central part of the property between the "western rhyolite sequence" and "eastern sequence" is an arcuate "apron" of intercalated lapilli tuff, sandstone, siltstone, minor conglomerate and lahar. Generally the stratigraphic sequence from west to east is as follows: Flanking the central rhyolite dome complex on the south, east and northeast is a thick sequence of coarse to fine lapilli tuff followed by local ash flow lahar (debris flows) on the north, followed by well laminated siltstone with plant impressions in the southeast followed by sandstone and minor siltstone followed by intercalated conglomerate-sandstone in the south.

The upper Eocene to Oligocene Endako Group consists of dark to medium grey vesicular basalt and local intercalated flows of andesite. Endako Group rocks underlie the northern and northeastern area of the property and also a lobe of vesicular basalt extends southwards through the west-central part of the property. The basalt is commonly vesicular with localized flows containing rounded light to medium green olivine phenocrysts and minor translucent plagioclase phenocrysts set in a grey aphanitic matrix (see Figure 4).

Alteration and Mineralization

The Kasalka Group andesite-basalt sequence in the southwestern part of the property exhibits a weak pervasive propyllitic alteration. Locally where rocks are fractured or flow top breccia is present propyllitic alteration is moderately strong usually associated with weak quartz+calcite

veining or stockworks. Trace to 1% disseminated pyrite mineralization is associated with the quartz-calcite veining.

Within the western and central rhyolite sequence are extensive areas of moderate to strong argillic alteration usually occupying topographic low areas. Within these areas where the rhyolite has been structurally prepared are zones of rhyolite breccia infilled with quartz and chalcedony which locally appears to be overprinted with a secondary silica flooding. Locally trace to 1% fine grained pyrite and trace fine grained arsenopyrite is disseminated throughout the zones. Locally within the lapilli tuff horizon are extensive zones of brecciation infilled with quartz-chalcedony and again a strong overprinting of silicification. Trace to 1% fine grained pyrite is observed throughout the rock with local areas of 2% to 3% disseminated very fine grained arsenopyrite associated with areas of intense silicification and brecciation.

1995 WORK PROGRAM

The 1995 field program, was carried out during the period June 10 to September 28, and focused on soil sampling, geological mapping and prospecting the high resistivity zones outlined by the 1993 airborne EM and magnetometer survey.

A total of 61.7 kilometres of grid lines were established through the northeastern and central part of the claim block with grid lines spaced 200 metres or 300 metres apart. A total of 1009 soil samples were collected at 50 metre intervals along the grid lines. Samples were obtained from the "B" horizon, where possible, stored in Kraft paper sample bags, tagged with a unique number and submitted to Acme Analytical Laboratories Ltd. in Vancouver, B.C. for analyses. Each sample was screened and an -80 mesh fraction analyzed for 34 elements by ICP techniques and for gold by geochemical atomic absorption analysis. Field notes detail location, topography, type and colour of material were also collected. Analytical methodology is set out in Appendix 2. Soil sample depth ranged from 15 to 30 centimetres.

Approximately 28 square kilometres was prospected and geologically mapped at a scale of 1:10,000. Property geology is shown in Figure 4. In addition, 159 rock samples were collected and sent to Acme Analytical Laboratories Ltd. for multi-element analysis. Rock sample locations are shown in Figure 5. A total of 120.2 mandays was spent completing the above exploration work.

RESULTS

Soil geochemical results show uniformly low concentrations of gold values throughout the West grid area with local one or two sample spot highs. Three unusually high spot high gold values of 42ppb Au, 202ppb Au and 522ppb Au are located in the southeast corner of the West grid (end of line anomalies). Rock samples collected in this area did not return any significant gold values.

One northeast-southwest oriented, linear gold soil anomaly is located through the central part of the East grid. The soil anomaly consists of six soil samples ranging from 5ppb Au to 332ppb Au and extends some 1,100 metres across the grid and is up to 50 metres wide. Weak to moderately anomalous spot highs in arsenic and mercury are coincident with the gold soil anomaly.

Mercury values in soils are uniformly low throughout the East grid area with only local spot highs related to samples collected from low lying areas with an organic component to the samples.

Two mercury soil anomalies are located within the West grid area. The first mercury soil anomaly (Anomaly 1) extends east-west through the central part of the West grid and is some 1,700 metres long and up to 200 metres wide. This soil anomaly remains open to the south.

The second mercury soil anomaly (Anomaly 2) is located south of anomaly one and extends some 2,000 metres to the northeast and southwest and is up to 450 metres wide. Generally this soil anomaly is underlain by Ootsa Lake Group pyroclastic rocks and associated sediments. Anomalous arsenic values in soils are coincident with mercury anomaly one extending through the central part of the West grid. Throughout the rest of the West and East grids are scattered one or two sample arsenic soil highs.

Soil geochemical results for gold, mercury and arsenic are outlined in Table 2 below.

Table 2 Soil Geochemical Results

ELEMENT	RANGE	THRESHOLD	ANOMALOUS
Gold	<1 to 522 ppb	5 ppb	>25 ppb
Mercury	<10 to 1,697 ppb	90ppb	>175ppb
Arsenic	<5 to 112.8 ppm	6ppm	>18ppm

Rock geochemical results outline an area through the central part of the West grid anomalous in mercury, arsenic, silver and weakly to moderately anomalous in gold.

Of the 159 rock samples collected and analysed throughout the property, 14 rock samples contain weakly to moderately anomalous gold values ranging from 50ppb Au to 654ppb Au. Ten of the 14 anomalous rock samples are silica flooded lapilli tuff breccia with weak to moderate quartz-chalcedony veining or flooding. Sulphide content is variable and consists of trace to 2% disseminated fine grained pyrite-marcasite and trace to <1% disseminated fine grained arsenopyrite. The remaining four samples contain weakly anomalous gold values and are argillically altered rhyolite and rhyolite breccia. The breccia is infilled with light to dark grey silica with very fine grained irregular stringers and pods of <1% disseminated pyrite and arsenopyrite.

All rock samples anomalous in gold are located in the south-central part of the claim block along an interpreted fault zone some 1,800 metres long. The fault zone is further defined by an east-west oriented linear topographic low feature. Argillic alteration is moderate to strong throughout the extent of the fault zone and extends in total some 2,500 metres in strike length and is up to 300 metres wide based on the distribution of angular float samples of altered rhyolite and lapilli tuff. Rock samples anomalous in gold are distributed along 1,800 metres of strike length within the alteration/fault zone.

CONCLUSIONS

Rock geochemical results have confirmed the presence of significant concentrations of indicator elements such as mercury, arsenic and antimony along an east-west oriented alteration/fault zone extending some 2,500 metres across the south-central part of the property

within Ootsa Lake Group lapilli tuff, rhyolite and rhyolite breccia. Extensive argillic alteration is associated with this fault system along with weakly to moderately anomalous gold values (50ppb Au to 654ppb Au) in rock float samples collected along strike of the structure. Mercury, and arsenic soil geochemical results have aided in defining the surface trace of the fault structure. An extensive northeast-southwest orientated 2000 metre long by up to 450 metres wide mercury and arsenic soil anomaly is located through the south-central part of the property. This soil anomaly is underlain by Ootsa Lake Group pyroclastic rocks and associated sediments.

DISBURSEMENTS

Expenditures on the Yellow Moose Property total $61,830.30 as tabulated below:

		$
Labour		
C. Payne, Geologist	24.5 days @ $295/day	7,227.50
T. Archibald, Prospector	15 days @ $225/day	3,375.00
R. Roe, Prospector	11 days @ $225/day	2,475.00
D. Gagnon, Sampler	15.5 days @ $225/day	3,487.50
J. Goodall, Sampler	17.2 days @ $225/day	3,870.00
D. Bowles, Sampler	7.5 days @ 225/day	1,687.50
J. Boutwell, Prospector	10 days @ 225/day	2,250.00
G. Goodall, Geologist	1.5 days @ $295/day	442.50
L. Payne , Cook	12 days @ $225/day	2,700.00
P. Murphy, Cook	6 days @ $225/day	1,350.00
Accommodation & Board		7,000.30
Geochemical Analyses		
159 rock samples	$19.55/sample	3,108.45
1,009 soil samples	$15.50/sample	15,639.50
Truck Rental		1,670.00
4Trax Rental		1,200.00
Radio Rental/Communications		550.00
Field Equipment/Consumables		1,340.00
Shipping		660.00
Report Writing and Drafting		1,797.05
TOTAL		**$61,830.30**

FOX GEOLOGICAL SERVICES INC.

C. W. PAYNE M.Sc., P.Geo
January 23, 1996

REPORT DISTRIBUTION:
Phelps Dodge, Toronto Land File 1
Phelps Dodge, Vancouver 1
B.C. Mining Recorder 2

REFERENCES

Diakow, L.J.; Green, K.; Whittles, J and Perry, A.1993
"Geology of the Natalkus Lake Area, Central British Columbia"; Geological Survey Branch, Open File 1993-14.

Schimann, K. 1994
"Drilling, Trenching, Geological and Geochemical Surveys, Yellow Moose Property"; Company report for Cogema Resources Inc., January, 1995.

Schimann, K. Richards T. 1993
"Nechako Project, British Columbia, 1993 Field Work, Company report for Cogema Resources Inc., May, 1994.

CERTIFICATE

STATEMENT OF QUALIFICATIONS

I, Craig W. Payne of Coquitlam, British Columbia do hereby certify that I:

1. am a graduate of Brock University, St. Catharines, Ontario with a Master of Science degree in Geological Sciences, 1979.

2. am a Fellow of the Geological Association of Canada.

3. am a member of the Association of Professional Engineers and Geoscientists of British Columbia.

4. have practised my profession since 1972.

5. am a consulting geologist with Crest Geological Consultants Limited.

6. am the author of the report entitled "Geological and Soil Geochemical Report on the Yellow Moose Property, Yel 1 to 11 Claims "; Omineca Mining Division, dated: January 23, 1996.

Dated at Vancouver, B.C. this 23rd day of January, 1996.

Respectfully submitted,

Craig W. Payne M.Sc. P. Geo.
Vancouver, B.C.
January 23, 1996

APPENDIX I

ROCK and SOIL SAMPLE DESCRIPTIONS

ROCK SAMPLE DESCRIPTIONS AND GEOCHEMISTRY

SAMPLE	TYPE	DESCRIPTION	Au ppb	Ag ppb	As ppm	Hg ppb
37775	GRAB	Silica flooded, argillically altered rhyolite, locally vuggy with vugs infilled with drusy quartz crystals.	4	160	71.7	51
46800	GRAB	Subrounded, grey quartz, minor chalcedony veinlets, 1-2% diss pyrite as cubes and stringers.	15	615	56	289
48957	GRAB	Gus showing; quartz vein up to 10 cm wide in argillically altered rhyolite, plagioclase phenocrysts angular to lath shaped, clay altered, rounded quartz phenocrysts. Arsenopyrite is disseminated disseminated throughout rock.	19	727	420.8	903
48958	GRAB	Argillically altered rhyolite breccia, abundant iron & limonite staining, silica flooding, trace disseminated sulphides.	3	72	24.2	102
48959	GRAB	Grey, fine grained, siliceous and calcareous volcanic, irregular quartz/calcite veinlets throughout, locally porphyritic; black angular phenocrysts 1mmx2mm pyroxene (?), phenocrysts are weakly chlorite altered, trace disseminated pyrite.	5	33	1.1	20
48960	GRAB	Subrounded-rounded float; siliceous, grey-green, fine grained, volcanic, 3-4% disseminated pyrite along fractures and in silica rich pods.	4	30	11.1	7
48975	GRAB	Angular float, grey siliceous, very fine grained, volcanic, 1% disseminated pyrite, trace disseminated arsenopyrite.	4	537	34.9	16
48976	GRAB	Quartz vein boulder 25x30cm, subrounded, weakly chlorite altered, trace disseminated pyrite.	3	30	1	5
48977	GRAB	Subcrop; silica flooded rhyolite breccia, abundant limonite staining, minor hematite alteration.	3	83	94.9	13559
48978	GRAB	Subcrop; coarse silica flooded breccia, trace disseminated sulphide.	1	32	37.2	3787
48979	GRAB	Outcrop, silica flooded rhyolite and rhyolite breccia, strong limonite staining on fractures and iron staining.	5	30	4.8	1734
48980	GRAB	Subrounded float, argillically altered feldspar/quartz phyric rhyolite, silica flooded.	2	46	9.5	6500
48981	GRAB	Subangular float in creek bed; siliceous rhyolite float, 1-2% disseminated pyrite, silica is dark grey.	1	105	5.6	316
48982	GRAB	Subcrop; siliceous rhyolite breccia, moderate limonite and iron staining, moderate quartz and chalcedony veining to 3mm thick, trace disseminated arsenopyrite and pyrite.	1	34	23.4	206
48983	GRAB	Angular float, siliceous rhyolite, trace disseminated pyrite.	2	30	3.9	221
48984	GRAB	Siliceous rhyolite, quartz phenocrysts to 3mm, weak to moderate limonite and iron staining, trace disseminated pyrite.	1	30	10.6	216
48985	GRAB	Angular boulder, argillically altered and limonite stained quartz eye rhyolite, trace disseminated sulphide, reddish hematite (?) stain on surface.	1	30	8.3	145
48986	GRAB	Angular, grey, silicified lapilli tuff, feldspars weakly argillically altered, 8-10% very fine grained sulphide.	29	148	3435.5	7310
48987	GRAB	Angular, silica vein in lapilli tuff; 4-5% very fine grained sulphide; host is siliceous lapilli tuff.	12	52	705.9	536
48988	GRAB	Subcrop (?), silica flooded lapilli tuff breccia, 3-5% disseminated sulphides, arsenopyrite is in pods.	21	102	4405	1233

ROCK SAMPLE DESCRIPTIONS AND GEOCHEMISTRY

SAMPLE	TYPE	DESCRIPTION	Au ppb	Ag ppb	As ppm	Hg ppb
48989	GRAB	Subcrop, silicified lapilli tuff; 1/2-2% disseminated sulphides.	5	31	319.7	343
48990	GRAB	Subcrop; white-grey bleached layered tuffaceous rock, silica layering throughout; trace disseminated tarnished sulphide in quartz layering.	3	30	36.5	35
48991	GRAB	Subcrop, silica flooded lapilli tuff breccia, <1% disseminated pyrite & arsenopyrite (arsenopyrite as pods), iron stained, yellowish-brown stain.	57	204	1058.1	215
48992	GRAB	Subcrop (?), grey silica flooded rhyolite, 3-4% very fine grained disseminations and pods of sulphides, black and clear silica veinlets throughout, feldspar phenocrysts to <1%, weak argillic alteration.	17	209	1466.5	1120
48993	GRAB	Subcrop? Silica flooded feldspar phyric rhyolite with 1% disseminated arsenopyrite, trace pyrite, very fine grained.	126	2011	3631.4	3884
48994	GRAB	Subangular, silica flooded andesite, 5-8% disseminated pyrite, trace chalcopyrite.	6	140	2.7	5
48995	GRAB	Fine grained, green-grey andesite, heavy iron staining on fractures, weathers a white rind.	4	30	2.1	6
48996	GRAB	Angular float; clay altered rhyolite. Rock is yellowish white, minor quartz/chalcedony veining, quartz eyes still evident, trace hematite alteration.	3	35	35.6	89
48997	GRAB	Arrow showing; silica flooded rhyolite, feldspar phyric rhyolite.	7	878	1391.9	1513
48998	GRAB	Subcrop; greyish-green, porphyritic rhyolite-dacite, strong argillic alteration, clay altered plagioclase phenocrysts, abundant reddish alteration along fractures.	6	30	20.9	27
51106	GRAB	Subcrop. Brecciated rhyolite; no mineralization or silica.	6	30	19	445
51107	GRAB	Subcrop (?), silicified rhyolite, flow banding.	4	36	33.5	82
51108	GRAB	Brecciated rhyolite, trace disseminated, very fine grained sulphide.	10	51	71.6	3336
51109	GRAB	Basalt breccia.	5	30	8.4	74
51110	GRAB	Brecciated chalcedony-quartz.	4	30	5.1	25
51111	GRAB	Quartz-chalcedony veinlets occurring as blebs or lenses within basalt.	3	30	1.5	26
51112	GRAB	Brecciated brown basalt, quartz infilling, vugs and vesicules.	4	30	2.2	13
51113	GRAB	Sinter (?), slightly rusty.	4	30	4.2	35
51114	GRAB	Basalt/quartz breccia in outcrop of massive basalt.	7	30	19.8	74
51115	GRAB	Rhyolite with abundant manganese stain.	3	30	2.3	21
51116	GRAB	Fractured tuffaceous rhyolite, abundant iron staining on surface.	3	30	2.2	21
51117	GRAB	Feldspar phyric rhyolite, iron stained surface.	3	30	1.1	7
51118	GRAB	Tuffaceous rhyolite, iron staining on surfaces.	2	30	6.4	16
51119	GRAB	Rhyolite with trace disseminated pyrite.	2	30	1	13
51120	GRAB	Slightly vuggy rhyolite with silica flow banding.	1	40	1.8	5
51121	GRAB	Feldspar/quartz phyric rhyolite with trace disseminated pyrite.	1	30	1.9	17
51501	GRAB	Argillically altered rhyolite.	1	30	0.5	16
51502	GRAB	Brecciated rhyolite, with abundant green silica.	3	30	29.7	3266
51503	GRAB	Brecciated rhyolite, trace fine arsenopyrite (?).	2	30	572.5	3779
51504	GRAB	Crystalline tuff with trace finely disseminated arsenopyrite.	1	36	18.3	14013
51505	GRAB	S/C. Rhyolite with disseminated arsenopyrite.	1	41	14.5	10987

SAMPLE	TYPE	DESCRIPTION	Au ppb	Ag ppb	As ppm	Hg ppb
51506	GRAB	Silicified tuff with thin quartz banding and trace pyrite.	2	86	28	160
51507	GRAB	Slightly brecciated, vuggy, silicified tuff.	5	136	70	314
51508	GRAB	Silicified tuff with trace disseminated arsenopyrite.	1	40	9.5	113
51509	GRAB	Silicified tuff with bands of jasper, trace fine grained sulphides.	2	105	46.8	153
51510	GRAB	Silicified andesite, weak epidote alteration.	8	50	5.5	19
51511	GRAB	Slightly brecciated siliceous rhyolite, trace disseminated pyrite.	1	30	13	29
51512	GRAB	Iron stained rhyolite, siliceous.	7	50	3.3	70
51513	GRAB	Iron stained rhyolite.	4	127	64.8	2106
51514	GRAB	Brecciated, siliceous, vuggy rhyolite with <1% disseminated arsenopyrite.	28	605	1989.3	1298
51689	GRAB	Outcrop, grey feldspar phyric rhyolite, with vuggy quartz, argillically altered, minor limonite staining.	2	128	14.7	87
51690	GRAB	Sucrop, light grey feldspar phyric rhyolite, vuggy quartz, manganese staining, minor limonite.	1	91	2.3	63
52973	GRAB	Subcrop, angular, silicified, quartz-eye rhyolite with 2-3% disseminated pyrite, argillically altered; pyrite also along fractures.	11	980	8.3	334
52974	GRAB	Angular, silicified quartz-eye rhyolite, weak to moderate chalcedony banding, trace disseminated fine grained pyrite, iron stained.	1	546	2.9	661
52975	GRAB	Subcrop, abundant angular float of spherulitic rhyolite, argillically altered, moderate flow banded, irregular black quartz veining, trace disseminated pyrite.	1	46	2.5	31
52976	GRAB	Outcrop, flow banded rhyolite, zones up to 10cm thick that are silica flooded.	1	71	0.9	18
52977	GRAB	Angular, white/tan flow banded rhyolite, strongly argillically altered, silica banding to 3mm thick through rock.	1	30	11.1	127
52978	GRAB	Grey to light grey, flow banded rhyolite, silica banding throughout, trace disseminated pyrite.	1	30	2.3	6
52979	GRAB	Brown jasperoidal brecciated rock, argillically altered, black silica infilling fractures, trace very fine grained sulphide and local iron staining on fractures.	1	48	1.9	33
52980	GRAB	Argillically altered, silica flooded rhyolite breccia, trace disseminated pyrite.	2	33	44.4	197
52981	GRAB	Argillically altered flow banded rhyolite with grey silica bands throughout.	1	359	5.1	393
52982	GRAB	Argillically altered spherulitic rhyolite with abundant grey silica veins and veinlets.	1	64	7.7	270
52983	GRAB	Argillically altered, silica flooded quartz-eye rhyolite, abundant chalcedony veinlets.	1	30	0.6	5
52984	GRAB	Subrounded, silica flooded rhyolite, minor grey chalcedony veins and veinlets, trace disseminated fine grained sulphide.	1	36	2.4	12
52985	GRAB	Subangular, grey silica flooded volcanic (?), trace disseminated fine grained sulphide.	1	58	1.6	14
52986	GRAB	Mottled grey-green silica flooded dacite, trace disseminated very fine grained sulphide.	1	30	0.5	5
52987	GRAB	Angular, mottled grey-yellow-red quartz-eye rhyolite, flow banded, local breccia, silicified with grey silica bands.	1	36	29.1	13
52988	GRAB	Angular, silica flooded rhyolite breccia, rock is argillically altered.	43	1327	409.8	3077
52989	GRAB	Angular, argillically altered, silica flooded rhyolite breccia, weak limonite staining on fractures.	3	143	237.5	572

SAMPLE	TYPE	DESCRIPTION	Au ppb	Ag ppb	As ppm	Hg ppb
52990	GRAB	Angular, argillically altered, flow banded rhyolite breccia, trace disseminated arsenopyrite along quartz filled fractures.	49	389	446.4	430
52991	GRAB	Angular, silicified rhyolite breccia, argillically altered, 1-2% disseminated very fine grained pyrite, arsenopyrite in matrix.	50	1188	593.2	3484
52992	GRAB	Argillically altered, rhyolite breccia, silica flooded with minor chaledonic veining, trace to 1% disseminated pyrite, trace arsenopyrite.	5	182	172.8	512
52993	GRAB	Subangular, brecciated, argillically altered rhyolite, chalcedonic veining and infilling throughout.	1	70	68.2	216
52994	GRAB	Angular, spherulitic rhyolite breccia, argillically altered, silica flooded with chalcedony surrounding breccia fragments.	1	48	48.9	77
52995	GRAB	Angular, chalky rhyolite breccia with grey silica infilling between fragments, trace disseminated sulphide.	9	59	25.4	537
52996	GRAB	Silica flooded rhyolite breccia with moderate chalcedony veinlets, trace to 1% disseminated fine grained pyrite.	6	172	208.7	514
52997	GRAB	Angular, massive chalcedony, trace disseminated pyrite, chalcedony is mottled tan-brown-dark grey.	2	30	6.7	22
52998	GRAB	Angular, silicified, flow banded rhyolite, argillically altered with black chalcedony banding, trace disseminated fine grained sulphide.	1	30	14.1	372
52999	GRAB	Flow banded rhyolite breccia, silica flooded and locally vuggy, vugs are infilled with amethyst, rhyolite fragments are angular to 1cm, no visible sulphides.	1	52	36.5	53
53000	GRAB	Subcrop, argillically altered rhyolite, silica flooded, trace disseminated pyrite, rock is vuggy.	1	37	31.7	82
54275	GRAB	Angular, argillically altered rhyolite, moderate silicification, reddish-orange stain on fractures, also manganese staining on fractures.	1	30	11.8	37
54276	GRAB	Feldspar and quartz phyric silicified rhyolite, argillically altered where fractured.	3	206	7.2	20
54277	GRAB	Subangular, limonitic stained, silica flooded rhyolite, argillically altered, trace to 1% disseminated sulphide, fine grained.	16	529	310.7	9598
54278	GRAB	Angular, silica flooded lapilli tuff breccia, voids infilled with chalcedony.	294	897	895.6	2870
54279	GRAB	Angular, grey silica flooded lapilli tuff, 1% very fine grained arsenopyrite.	20	181	2203.5	2212
54362	GRAB	Subcrop, argillically altered siliceous lapilli tuff, minor sulphides.	2	33	29.5	190
54363	GRAB	Siliceous rhyolite breccia.	1	58	16.4	118
54364	GRAB	Rhyolite, drusy quartz in vugs.	1	30	29.6	50
54365	GRAB	Subcrop, rhyolite tuff (?), 80% quartz, rusty, vuggy.	1	53	2.6	41
54366	GRAB	Siliceous tuff, vuggy, crystalline quartz lining vugs.	1	30	4.9	27
54367	GRAB	Angular quartz, rich rhyolite with drusy quartz lining vugs.	65	178	48.7	3129
54368	GRAB	Angular, light green, totally silicified, intrusive, biotite, phenocrysts, trace pyrite.	2	42	8.8	263
54369	GRAB	Ankerite-limonite breccia zone in rhyolite outcrop, minor silicification.	10	420	3.9	49
54370	GRAB	Outctrop, quartz phyric rhyolite, no visible sulphides.	1	40	17.3	715
54371	GRAB	Outcrop, siliceous rhyolite.	1	30	4.4	221

SAMPLE	TYPE	DESCRIPTION	Au ppb	Ag ppb	As ppm	Hg ppb
54372	GRAB	.7m band rusty, siliceous rhyolite.	1	30	83.6	1554
54373	GRAB	Very siliceous, coarse grained, intrusive (?).	1	30	2.7	76
54374	GRAB	Subcrop (?), light green, coarse grained intrusive breccia, silica matrix.	1	30	3.6	282
54375	GRAB	Siliceous, fine to medium grained rhyolite-tuff (?), sugary quartz with vitreous quartz stringers.	2	30	6.9	211
54376	GRAB	Subrounded, silicified rhyolite, minor argillic alteration.	4	67	2.2	18
54377	GRAB	Lapilli tuff with silicified matrix.	69	280	1271.8	32
54378	GRAB	Silica rich, dark grey volcanic breccia.	2	30	14.7	19
54379	GRAB	Angular, rhyolite-breccia with silica stringers, trace disseminated pyrite.	2	74	26.7	892
54380	GRAB	Dark grey chalcedony, trace disseminated pyrite.	1	30	15.1	25
54381	GRAB	Subrounded, silica flooded lapilli tuff.	1	30	2.2	20
54382	GRAB	Rounded, siliceous, felsic volcanic.	1	30	6.6	21
54383	GRAB	Siliceous agglomerate, 1cm-3cm rounded clasts.	3	30	1.6	10
54384	GRAB	Outcrop, fine grained rhyolite crystal tuff, 1.5cm quartz vein.	1	30	3	12
54385	GRAB	Argillically altered silica flooded rhyolite.	2	53	7.3	22
54386	GRAB	Subcrop, quartz phyric vuggy rhyolite with 1mm quartz stringer.	5	30	3.2	12
54387	GRAB	Subcrop, argillically altered rhyolite, rusty, vuggy, no visible sulphides.	2	30	2.5	12
54388	GRAB	Silicified lapilli tuff, 1-2% disseminated pyrite.	65	195	2678.1	723
54389	GRAB	Siliceous lapilli tuff breccia with trace to 1% disseminated pyrite and arsenopyrite.	8	293	1779	1092
54390	GRAB	Subrounded, siliceous mafic tuff, trace disseminated pyrite.	2	36	13.2	68
54391	GRAB	Subcrop, siliceous flow banded rhyolite, argillically altered, rusty, small vugs.	1	49	23.9	57
54392	GRAB	Argillically altered rhyolite, sugary texture, quartz stringers throughout.	1	30	15.8	64
54393	GRAB	Silica rich purplish-brown argillically altered rhyolite with minor quartz stringers.	1	30	5.4	5
54394	GRAB	Subcrop, silica banded rhyolite with argillically altered feldspar phenocrysts, iron stained banding.	1	30	6.7	8
54395	GRAB	Subcrop, silica rich, flow banded rhyolite, sugary texture.	11	36	4.5	5
54396	GRAB	Subcrop, silicified flow banded rhyolite, sugary texture.	2	55	5.8	5
54397	GRAB	Subcrop, siliceous argillically altered yellowish rhyolite, vuggy.	1	30	4	9
54398	GRAB	Quartz-ankerite-hematite rich, tuff (?).	1	30	207.8	37
54399	GRAB	Epithermal quartz cobble, tuffaceous clasts throughout.	31	137	132.6	3773
54400	GRAB	Boulder, epithermal quartz.	29	155	107.5	2023
54801	GRAB	Siliceous tuff, dark coloured, 3-4% pyrite.	1	30	8.2	52
54802	GRAB	Tuff breccia, angular clasts set in quartz matrix.	1	45	774.4	550
54803	GRAB	Siliceous breccia, chalcedony on fractured surfaces, iron stained.	2	47	32.5	340
54804	GRAB	Siliceous lapilli tuff with chalcedony in stringers and on fractures.	91	832	347.5	2681
54805	GRAB	3cmx7cm band of silica, in lapilli tuff breccia, <1% to 1% disseminated pyrite and on fractures with arsenopyrite.	24	197	1427.7	2222

SAMPLE	TYPE	DESCRIPTION	Au ppb	Ag ppb	As ppm	Hg ppb
54806	GRAB	Subcrop (?), angular, silicified and quartz filled lapilli tuff breccia boulder, <1% to 1% disseminated fine grained pyrite and arsenopyrite.	654	2540	5904.4	13134
54807	GRAB	Subcrop (?), silicified lapilli tuff, 1-2% arsenopyrite and pyrite.	62	966	1573.8	540
54808	GRAB	Subcrop (?), silicified lapilli tuff, with <1% disseminated pyrite and arsenopyrite and on fractures.	5	107	49.3	1361
54809	GRAB	Angular, silicified, chalcedonic quartz boulder, brecciated.	202	577	1506	4541
54810	GRAB	Siliceous breccia with chalcedonic quartz throughout.	5	110	942.7	1072
54811	GRAB	Siliceous lapill tuff with <1% disseminated fine grained arsenopyrite.	75	576	1040.5	599
54812	GRAB	Siliceous lapilli tuff breccia, infilled with silica, trace disseminated arsenopyrite.	38	364	581.5	601
54813	GRAB	Weakly silicified lapilli tuff breccia with epithermal quartz stringers, trace very fine grained sulphides.	59	289	299.1	11081
54814	GRAB	Silica flooded lapilli tuff breccia, grey chalcedony bands.	66	557	841.7	1075
54815	GRAB	Silica flooded quartz breccia.	4	59	38	162
54816	GRAB	Silicified rhyolite, yellow weathering.	7	139	52.2	3072
54817	GRAB	Subcrop, rhyolite-breccia, silica matrix, trace finely disseminated arsenopyrite (?).	6	88	122.2	788
54818	GRAB	Argillically altered rhyolite with dark grey siliceous bands.	1	41	4.6	53
54819	GRAB	Subcrop (?), light maroon rhyolite tuff, weak silicification.	1	30	9.6	660
54820	GRAB	Quartz breccia boulder, sugary texture.	1	30	1.6	16
54821	GRAB	Subcrop, silicified rhyolite breccia, dark grey matrix.	1	30	12	955
54822	GRAB	Subcrop, brecciated rhyolite, with quartz veins and veinlets.	2	30	12.9	164
54823	GRAB	Subcrop (?), sugary textured, banded rhyolite, quartz banding.	1	30	2.4	159
54901	GRAB	Subrounded, altered tuff, vuggy quartz and quartz veins.	1	30	20.9	457
54902	GRAB	Outcrop, argillically quartz phyric rhyolite tuff with quartz veinlets.	1	30	29.8	56

YELLOW MOOSE PROPERTY
PROJECT 249

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51040	18200	11300	SOIL	TILL	IN CLEARCUT.	4	30	79	4	0.2
51041	18200	11250	SOIL	TILL	CUTBLOCK.	2	30	55	4	0.2
51042	18200	11200	SOIL	TILL		1	30	30	2.6	0.2
51043	18200	11150	SOIL	TILL		1	397	31	1.9	0.2
51044	18200	11100	SOIL	TILL		1	56	64	1.5	0.2
51045	18200	11050	SOIL	TILL		1	30	34	2.2	0.2
51046	18200	11000	SOIL	TILL		1	30	58	2.3	0.2
51047	18200	10950	SOIL	TILL		1	30	54	3.7	0.2
51048	18200	10900	SOIL	TILL		1	30	35	1.8	0.2
51049	18200	10850	SOIL	TILL		3	172	89	7.1	0.2
51050	18200	10800	SOIL	TILL		2	30	40	1.5	0.2
51051	18200	10750	SOIL	TILL		2	30	40	3.5	0.2
51052	18200	10700	SOIL	TILL		6	411	69	2.4	0.2
51053	18200	10650	SOIL	TILL		1	64	50	1.7	0.2
51054	18200	10600	SOIL	TILL		1	30	38	1.8	0.2
51055	18200	10550	SOIL	TILL		1	30	25	1.2	0.2
51056	18200	10500	SOIL	TILL		1	30	35	2.3	0.2
51057	18200	10450	SOIL	TILL		2	30	36	2.3	0.2
51058	18200	10400	SOIL	TILL		1	58	56	0.5	0.2
51059	18200	10350	SOIL	TILL		1	114	44	0.5	0.2
51060	18200	10300	SOIL	TILL		2	30	42	1.2	0.2
51061	18200	10250	SOIL	TILL		1	62	47	1.4	0.2
51062	18200	10200	SOIL	TILL		1	66	48	0.5	0.2
51063	18200	10150	SOIL	TILL		1	36	50	1.5	0.2
51064	18200	10100	SOIL	TILL		1	38	52	1.2	0.2
51065	18200	10050	SOIL	TILL		1	45	42	0.6	0.4
51066	18200	10000	SOIL	TILL		1	30	44	0.9	0.5
51067	19200	8900	SOIL	TILL		2	30	18	1.4	0.2
51068	19200	8950	SOIL	TILL		2	594	24	1.4	0.2
51069	19200	9000	SOIL	TILL		1	30	50	1.6	0.2
51070	19200	9050	SOIL	TILL		1	30	27	1.7	0.2
51071	19200	9100	SOIL	TILL		1	30	49	1.7	0.2
51072	19200	9150	SOIL	TILL		1	30	20	2.6	0.2
51073	19200	9200	SOIL	TILL		1	30	26	2.1	0.3
51074	19200	9250	SOIL	TILL		3	30	37	3.1	0.3
51075	19200	9300	SOIL	TILL		2	30	38	1.7	0.5
51076	19200	9350	SOIL	TILL		2	30	26	1.3	0.3
51077	19200	9400	SOIL	TILL		1	52	71	1.2	0.4
51078	19200	9450	SOIL	TILL		1	30	27	0.5	0.3
51079	19200	9500	SOIL	TILL		1	54	40	3.2	0.7
51080	19200	9550	SOIL	TILL		2	31	58	2.3	0.8
51081	19200	9600	SOIL	TILL		2	59	26	0.5	0.2
51082	19200	9650	SOIL	TILL		1	34	46	0.5	0.4
51083	19200	9700	SOIL	TILL		2	30	30	3.1	0.7
51084	19200	9750	SOIL	TILL		1	30	67	1.4	0.6
51085	19200	9800	SOIL	TILL		1	32	36	2.5	0.9
51086	19200	9850	SOIL	TILL		1	44	37	1.5	0.6
51087	19200	9900	SOIL	TILL		1	101	23	0.8	0.6
51088	19200	9950	SOIL	TILL		6	118	51	2.4	0.3
51089	19200	10000	SOIL	TILL		1	30	19	0.8	0.3
51090	19200	11100	SOIL	TILL		1	36	27	1.5	0.3

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51091	19200	11050	SOIL	TILL		1	30	31	0.8	0.2
51092	19200	11000	SOIL	TILL		1	30	36	0.5	0.2
51093	19200	10950	SOIL	TILL		1	30	42	0.8	0.2
51094	19200	10900	SOIL	TILL		10	30	32	1	0.2
51095	19200	10850	SOIL	TILL		1	30	43	1.4	0.2
51096	19200	10800	SOIL	TILL		1	30	48	1.1	0.2
51097	19200	10750	SOIL	TILL		1	55	65	1.8	0.2
51098	19200	10700	SOIL	TILL		64	174	61	0.8	0.2
51099	19200	10650	SOIL	TILL		2	54	64	1.3	0.2
51100	19200	10600	SOIL	TILL		1	30	56	1.6	0.2
51256	18400	11500	SOIL	TILL		2	44	41	2.5	0.2
51257	18400	11450	SOIL	TILL		3	55	40	2	0.2
51258	18400	11400	SOIL	TILL		7	46	28	2	0.2
51259	18400	11350	SOIL	TILL		1	32	29	3.8	0.2
51260	18400	11300	SOIL	TILL		5	30	38	1.6	0.2
51261	18400	11250	SOIL	TILL		2	49	69	6.3	0.4
51262	18400	11200	SOIL	TILL		2	30	34	2.1	0.2
51263	18400	11150	SOIL	TILL		1	82	42	1.6	0.2
51264	18400	11100	SOIL	TILL		1	40	69	2.4	0.2
51265	18400	11050	SOIL	TILL		1	30	66	5.5	0.3
51266	18400	10000	SOIL	TILL	11000 ON ROAD SAMPLE 30M SOUTH.	1	30	50	2.6	0.2
51267	18400	10950	SOIL	TILL		1	30	38	4.2	0.2
51268	18400	10900	SOIL	TILL		1	30	59	4.9	0.2
51269	18400	10850	SOIL	TILL		1	30	58	6.3	0.3
51270	18400	10800	SOIL	TILL		1	30	36	4.6	0.2
51271	18400	10750	SOIL	TILL		3	30	44	3.9	0.3
51272	18400	10700	SOIL	TILL		1	49	97	2	0.2
51273	18400	10650	SOIL	TILL		1	48	65	22.8	2.4
51274	18400	10600	SOIL	TILL		3	99	29	3	0.4
51275	18400	10550	SOIL	TILL		3	69	49	4.9	0.3
51276	18400	10500	SOIL	TILL		1	54	54	4.9	0.6
51277	18400	10450	SOIL	TILL		1	37	38	3	0.2
51278	18400	10400	SOIL	TILL	ON ROAD SAMPLE 25M WEST.	1	139	39	2.3	0.2
51279	18400	10350	SOIL	TILL		3	30	6	1.1	0.2
51280	18400	10300	SOIL	TILL		1	84	24	1	0.2
51281	18400	10250	SOIL	COLLUVIUM		1	93	65	2.3	0.2
51282	18400	10200	SOIL	COLLUVIUM		1	182	43	0.8	0.2
51283	18400	10150	SOIL	COLLUVIUM		1	30	15	0.7	0.2
51284	18400	10100	SOIL	COLLUVIUM		1	71	38	1.5	0.4
51285	18400	10050	SOIL	COLLUVIUM		1	139	81	2.6	0.8
51286	18400	10000	SOIL	ORGANIC		1	473	121	7.2	2.1
51287	18600	9950	SOIL	TILL		1	244	103	1.3	0.9
51288	18600	9900	SOIL	TILL		1	30	62	1.6	0.6
51289	18600	9850	SOIL	TILL		1	136	49	0.6	0.2
51290	18600	9800	SOIL	TILL		1	30	90	6.1	1.2
51291	18600	9750	SOIL	TILL		1	46	89	2	0.9
51292	18615	9700	SOIL	TILL		1	30	30	1.8	0.2
51293	18600	9500	SOIL	TILL	NS 9650,9600, 9550.	1	31	5	2.6	0.3
51294	18600	9450	SOIL	TILL		1	116	28	1.1	0.2

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51295	18600	9400	SOIL	TILL		1	130	19	0.7	0.2
51296	18600	9350	SOIL	SAND	SAMPLE 10M SOUTH.	4	218	198	6.6	0.6
51297	18600	9300	SOIL	TILL		3	125	66	2.2	0.2
51298	18600	9250	SOIL	TILL		2	164	23	0.7	0.2
51299	18600	9200	SOIL	TILL		8	182	16	0.6	0.2
51300	18600	9150	SOIL	TILL		1	595	25	1.1	0.2
51301	19200	10550	SOIL	TILL		6	158	78	2.3	0.2
51302	19200	10500	SOIL	TILL		1	46	39	0.5	0.2
51303	19200	10450	SOIL	TILL		1	59	60	0.6	0.2
51304	19200	10400	SOIL	TILL		1	30	35	0.8	0.2
51305	19200	10200	SOIL	TILL	N/S 10250, 10300, 10350, SWAMP.	1	37	65	1.3	0.3
51306	19200	10150	SOIL	TILL		1	30	50	3	0.2
51307	19200	10100	SOIL	TILL		1	30	66	1.8	0.2
51308	19200	10050	SOIL	TILL		1	30	58	2.4	0.2
51309	18800	10000	SOIL	TILL		1	30	34	0.8	0.2
51310	18800	9950	SOIL	TILL		2	30	31	1	0.3
51311	18800	9900	SOIL	TILL		3	30	38	1.4	0.5
51312	18800	9850	SOIL	TILL		1	30	28	1.2	0.5
51313	18800	9800	SOIL	TILL		1	30	71	2.1	0.7
51314	18800	9750	SOIL	TILL		1	30	31	1.7	0.6
51315	18800	9700	SOIL	TILL		3	30	39	1.4	0.5
51316	18800	9650	SOIL	TILL		1	30	55	3.3	1.3
51317	18800	9350	SOIL	TILL	N/S 9600 TO 9400.	1	30	58	2.6	0.3
51318	18800	9300	SOIL	TILL		1	30	40	1.8	0.2
51319	18800	9250	SOIL	TILL		11	30	63	5.2	0.4
51320	18800	9200	SOIL	TILL		1	30	23	2.4	0.3
51321	18800	9150	SOIL	TILL		1	30	34	2.4	0.3
51322	18800	9100	SOIL	TILL		1	30	30	3.1	0.2
51323	18800	9050	SOIL	TILL		1	30	24	3.6	0.2
51324	18800	9000	SOIL	TILL		1	30	78	6.7	0.2
51325	18800	8950	SOIL	TILL		1	30	42	4.3	0.2
51326	18800	8900	SOIL	TILL		1	30	19	2.9	0.2
51327	18800	8850	SOIL	TILL		3	30	32	4.1	0.2
51328	18800	8800	SOIL	TILL		1	305	21	5.1	0.2
51329	18800	8750	SOIL	TILL		1	30	23	2.5	0.2
51330	18800	8700	SOIL	TILL		1	30	21	5.3	0.2
51331	18800	8650	SOIL	TILL		1	30	33	3.5	0.2
51332	18800	8600	SOIL	TILL		1	30	27	3.1	0.2
51333	18800	8550	SOIL	TILL		1	30	30	2.3	0.2
51334	18800	8500	SOIL	TILL		2	30	24	1.9	0.2
51335	18800	10050	SOIL	TILL		1	30	68	1.3	0.2
51336	18800	10100	SOIL	TILL		1	30	42	0.6	0.2
51337	18800	10150	SOIL	TILL		1	30	5	0.5	0.2
51338	18800	10200	SOIL	TILL		2	30	9	1.4	0.2
51339	18800	10250	SOIL	TILL		1	30	26	1.1	0.2
51340	18800	10300	SOIL	TILL		1	30	51	2	0.2
51341	18800	10350	SOIL	TILL		1	30	72	2.7	0.2
51342	18800	10400	SOIL	TILL		1	30	71	2.3	0.2
51343	18800	10450	SOIL	TILL		1	30	47	2.2	0.4
51344	18800	10500	SOIL	TILL		1	30	128	1.1	0.2

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51345	18800	10550	SOIL	TILL		1	30	144	0.8	0.3
51346	18800	10600	SOIL	TILL		1	75	27	1.2	0.2
51347	18800	10650	SOIL	TILL		1	30	5	1.9	0.3
51348	18800	10700	SOIL	TILL		1	38	139	2.6	0.2
51349	18800	10750	SOIL	TILL		3	30	43	0.9	0.2
51350	18800	10800	SOIL	TILL		1	30	205	1.4	0.3
51351	18800	10850	SOIL	TILL		1	38	154	2.3	0.2
51352	18800	10950	SOIL	TILL	N/S10900, IN LAKE.	7	30	145	1.4	0.2
51353	18800	11000	SOIL	TILL		1	30	94	0.9	0.2
51354	18800	11050	SOIL	TILL		1	30	148	1.8	0.2
51355	18800	11100	SOIL	TILL		1	64	82	7.5	0.4
51356	18800	11150	SOIL	TILL		2	404	83	8.4	0.3
51357	18800	11200	SOIL	TILL		1	30	45	0.5	0.2
51358	18800	11250	SOIL	TILL		1	30	29	3.6	0.2
51359	18800	11300	SOIL	TILL		1	98	49	3	0.2
51360	18800	11350	SOIL	TILL		1	30	75	4.8	0.2
51361	18800	11400	SOIL	TILL		1	30	16	1.5	0.2
51362	18800	11450	SOIL	TILL		1	39	32	3.2	0.3
51363	18800	11500	SOIL	TILL		1	30	32	3.9	0.2
51364	18600	10000	SOIL	TILL		1	69	22	1.1	0.4
51365	18600	10050	SOIL	TILL		1	49	31	1.8	0.6
51366	18600	10100	SOIL	TILL		1	30	24	2.2	0.7
51367	18600	10150	SOIL	TILL		1	39	30	0.5	0.4
51368	18600	10200	SOIL	TILL		1	30	31	0.8	0.2
51369	18600	10300	SOIL	TILL	N/S 10250, BOG.	1	31	50	1.3	0.4
51370	18600	10350	SOIL	TILL		1	57	35	0.7	0.4
51371	18600	10400	SOIL	TILL		1	42	89	3.8	0.2
51372	18600	10450	SOIL	TILL		2	30	47	2.2	0.2
51373	18600	10500	SOIL	TILL		1	32	30	1.8	0.2
51374	18600	10550	SOIL	TILL		1	34	26	0.6	0.2
51375	18600	10600	SOIL	TILL		2	30	54	0.6	0.2
51376	18600	10650	SOIL	TILL		1	32	14	1.3	0.2
51377	18600	10700	SOIL	TILL		1	30	57	3.5	0.2
51378	18600	10750	SOIL	TILL		1	30	52	1.4	0.2
51379	18600	10800	SOIL	TILL		1	41	41	3.7	0.3
51380	18600	10850	SOIL	TILL		1	30	22	1.7	0.3
51381	18600	10900	SOIL	TILL		1	30	48	1.4	0.2
51382	18600	10950	SOIL	ORGANIC		1	114	292	10.9	0.3
51383	18600	11000	SOIL	TILL		1	67	102	4.2	0.2
51384	18600	11500	SOIL	TILL		1	30	35	2.2	0.2
51385	18600	11450	SOIL	TILL		1	30	38	1.2	0.2
51386	18600	11400	SOIL	TILL		1	30	31	2.4	0.2
51387	18600	11350	SOIL	TILL		1	47	82	3	0.2
51388	18600	11300	SOIL	TILL		1	30	47	0.8	0.2
51389	18600	11250	SOIL	TILL		1	30	45	2.1	0.2
51390	18600	11200	SOIL	TILL		1	30	55	0.8	0.2
51391	18600	11150	SOIL	TILL		1	30	52	0.5	0.2
51392	18600	11100	SOIL	TILL		1	30	54	1	0.2
51393	18600	11050	SOIL	TILL		1	30	51	0.5	0.2
51394	18000	8500	SOIL	TILL		1	30	23	1.8	0.2
51395	18000	8550	SOIL	TILL		1	30	24	3.9	0.2

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51396	18000	8600	SOIL	TILL		2	30	39	2.4	0.2
51397	18000	8650	SOIL	COLLUVIUM		1	35	66	2.4	0.2
51398	18000	8700	SOIL	COLLUVIUM		1	34	33	2.5	0.2
51399	18000	8750	SOIL	COLLUVIUM		2	33	66	7	0.2
51400	18000	8800	SOIL	COLLUVIUM		1	30	27	1.8	0.2
51411	17800	11100	SOIL	TILL		1	91	30	0.8	0.2
51412	17800	11050	SOIL	TILL		1	30	42	2.9	0.2
51413	17800	11000	SOIL	TILL		1	54	36	3.8	0.2
51414	17800	10950	SOIL	TILL	COARSE, SANDY.	1	36	83	3.9	0.2
51415	17800	10900	SOIL	TILL		1	30	80	3.1	0.2
51416	17800	10850	SOIL	TILL		1	30	51	2	0.2
51417	17800	10800	SOIL	TILL		1	30	38	0.9	0.2
51418	17800	10750	SOIL	TILL		1	30	47	0.8	0.2
51419	17800	10700	SOIL	TILL		2	30	37	3.3	0.2
51420	17800	10650	SOIL	TILL		1	30	32	1	0.2
51421	17800	10600	SOIL	TILL		2	30	29	2	0.3
51422	17800	10550	SOIL	TILL		1	38	25	2.1	0.4
51423	17800	10500	SOIL	TILL		1	30	37	0.5	0.2
51424	17800	10450	SOIL	TILL		3	31	43	0.5	0.2
51425	17800	10400	SOIL	TILL		1	30	37	1.6	0.3
51426	17800	10350	SOIL	TILL		30	52	55	2.2	0.6
51427	17800	10300	SOIL	TILL		1	30	29	1.4	0.5
51428	17800	10250	SOIL	TILL		1	30	40	5	1.7
51429	17800	10200	SOIL	TILL		2	30	23	1	0.7
51430	17800	10150	SOIL	TILL		2	30	19	2.2	1.1
51431	17800	10100	SOIL	TILL		3	31	23	2.3	1.5
51432	17800	10050	SOIL	TILL		1	30	37	2.6	2.5
51433	17800	10000	SOIL	TILL		1	30	54	2.9	1.7
51434	19000	10000	SOIL	TILL		2	30	32	1.6	0.5
51435	19000	9950	SOIL	TILL		1	34	77	4.2	1
51436	19000	9900	SOIL	TILL		1	31	26	0.9	0.7
51437	19000	9850	SOIL	TILL		1	40	50	1.4	0.4
51438	19000	9800	SOIL	TILL		5	30	48	0.5	0.5
51439	19000	9750	SOIL	TILL		2	30	34	3.1	0.9
51440	19000	9700	SOIL	TILL		3	30	32	1.7	0.6
51441	19000	9650	SOIL	TILL		4	30	26	3	1.2
51442	19000	9600	SOIL	TILL		2	30	33	3.4	1.4
51443	19000	9550	SOIL	TILL		2	41	46	1.8	0.7
51444	19000	9450	SOIL	TILL	N/S 9500, BOG.	1	37	71	4.3	0.6
51445	19000	9400	SOIL	TILL		6	30	46	1.5	0.2
51446	19000	9350	SOIL	TILL		5	30	24	1.5	0.3
51447	19000	9300	SOIL	TILL		8	30	35	2.2	0.3
51448	19000	9250	SOIL	TILL		1	30	82	2.2	0.4
51449	19000	9200	SOIL	TILL		1	30	43	2.3	0.3
51450	19000	9150	SOIL	TILL		2	30	35	2.2	0.4
51451	19000	9100	SOIL	ORGANIC		11	44	92	3.9	0.4
51452	19000	9050	SOIL	TILL		1	30	40	1.9	0.3
51453	19000	9000	SOIL	TILL	SANDY.	1	30	37	2.1	0.3
51454	19000	8950	SOIL	TILL		1	30	37	0.5	0.3
51455	19000	8900	SOIL	TILL		1	148	15	2.2	0.2
51456	19000	8850	SOIL	TILL		3	30	5	2.6	0.3

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51457	19000	8800	SOIL	TILL	SANDY.	1	30	13	1.9	0.3
51458	19000	8750	SOIL	TILL	SANDY.	1	30	14	1.2	0.2
51459	19000	8700	SOIL	TILL		1	30	9	2	0.2
51460	19000	10050	SOIL	TILL		1	30	49	1.7	0.2
51461	19000	10100	SOIL	TILL		1	30	37	1	0.2
51462	19000	10150	SOIL	TILL		2	30	32	1.5	0.2
51463	19000	10200	SOIL	TILL		2	30	42	1.2	0.2
51464	19000	10250	SOIL	TILL		1	30	59	2.8	0.2
51465	19000	10300	SOIL	TILL		1	30	83	1.7	0.2
51466	19000	10350	SOIL	TILL	TALUS.	2	30	42	1.7	0.2
51467	19000	10400	SOIL	TILL		1	30	77	1.4	0.2
51468	19000	10450	SOIL	TILL		2	30	34	1.9	0.2
51469	19000	10500	SOIL	TILL	ROCKY SOIL.	1	39	64	1	0.2
51470	19000	10550	SOIL	TILL		1	34	50	0.7	0.2
51471	19000	10600	SOIL	TILL		2	77	103	3.2	0.2
51472	19000	10650	SOIL	TILL		16	39	36	0.5	0.2
51473	19000	10700	SOIL	TILL		1	34	48	1.4	0.2
51474	19000	10750	SOIL	TILL		2	30	43	1	0.2
51475	19000	10800	SOIL	TILL		1	38	80	1.5	0.2
51476	19000	10850	SOIL	TILL		1	89	88	2.9	0.2
51477	19000	10900	SOIL	TILL		1	62	56	2.3	0.2
51478	19000	10950	SOIL	TILL		1	30	40	2.4	0.2
51479	19000	11000	SOIL	TILL		1	60	33	1.9	0.2
51480	19000	11050	SOIL	TILL	N/S 11100, SWAMP.	1	172	63	0.5	0.2
51481	18400	8500	SOIL	TILL	COARSE, SANDY SOIL.	1	38	20	2.1	0.2
51482	18400	8550	SOIL	TILL		1	30	19	1.2	0.2
51483	18400	8600	SOIL	SAND		2	38	11	1.3	0.2
51484	18400	8650	SOIL	SAND		2	30	17	1.7	0.2
51485	18400	8700	SOIL	TILL		1	30	21	1.4	0.2
51486	18400	8750	SOIL	TILL		1	30	13	1.3	0.2
51487	18400	8800	SOIL	TILL		1	30	5	0.8	0.2
51488	18400	8850	SOIL	TILL		1	43	8	0.8	0.2
51489	18400	8900	SOIL	TILL		1	30	18	0.9	0.2
51490	18400	8950	SOIL	TILL		1	30	21	1	0.2
51491	18400	9000	SOIL	TILL		1	30	6	0.5	0.2
51492	18400	9050	SOIL	TILL	SANDY.	1	30	13	1	0.2
51493	18400	9100	SOIL	TILL		1	30	18	0.6	0.2
51494	18400	9150	SOIL	TILL		1	30	10	0.5	0.2
51495	18400	9200	SOIL	TILL		332	375	50	9	0.9
51496	18400	9250	SOIL	TILL		10	165	94	25.8	1.6
51497	18400	9300	SOIL	TILL		3	87	88	12.5	1
51498	18400	9350	SOIL	TILL		3	61	50	4.3	0.5
51499	18400	9400	SOIL	TILL		1	82	51	3	0.4
51500	18400	9450	SOIL	TILL		2	30	38	2	0.2
51601	18600	9100	SOIL	TILL		1	30	12	1.2	0.2
51602	18600	9050	SOIL	TILL		1	30	8	2	0.2
51603	18600	9000	SOIL	TILL		1	30	17	1.1	0.2
51604	18600	8950	SOIL	TILL		2	30	5	1.1	0.2
51605	18600	8900	SOIL	TILL		1	30	12	2.3	0.2
51606	18600	8850	SOIL	TILL		4	30	13	1.9	0.2

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51607	18600	8800	SOIL	TILL		1	30	9	1.5	0.2
51608	18600	8750	SOIL	TILL		1	30	7	1.5	0.2
51609	18600	8700	SOIL	TILL		2	30	10	2.1	0.2
51610	18600	8650	SOIL	TILL		1	30	29	1.6	0.2
51611	18600	8600	SOIL	TILL		2	30	39	1.8	0.2
51612	18600	8550	SOIL	TILL		1	32	30	1.6	0.3
51613	18600	8500	SOIL	TILL		2	30	32	0.6	0.2
51614	17800	9950	SOIL	TILL		1	32	34	0.8	0.6
51615	17800	9900	SOIL	TILL		1	46	50	1.3	0.6
51616	17800	9850	SOIL	TILL		1	30	34	1.5	0.4
51617	17800	9800	SOIL	TILL		15	38	18	2.1	0.4
51618	17800	9750	SOIL	TILL	SWAMPY AREA, OLD DRAINAGE.	1	30	58	3.4	0.5
51619	17800	9700	SOIL	TILL	EDGE OF SWAMP.	1	30	34	3.7	0.7
51620	17800	9650	SOIL	TILL	SWAMP/CREEK GULLEY.	1	71	97	2.3	0.7
51621	18400	9500	SOIL	TILL		2	30	20	0.7	0.3
51622	18400	9550	SOIL	TILL		1	37	26	1.8	0.4
51623	18400	9650	SOIL	TILL	N/S 9600, CREEK/BOG. 9675.	1	35	35	0.5	0.2
51624	18400	9700	SOIL	TILL		4	30	24	1.1	0.3
51625	18400	9750	SOIL	TILL		1	40	28	3	0.4
51626	18400	9800	SOIL	TILL		1	44	49	1.1	0.2
51627	18400	9850	SOIL	TILL	COARSE SANDY.	1	95	40	0.6	0.4
51628	18400	9900	SOIL	TILL	COARSE SANDY.	1	158	86	5.3	1.4
51629	18400	9950	SOIL	TILL	VERY COARSE, SANDY.	1	111	94	6.7	1
51630	18200	8500	SOIL	TILL		1	51	28	2	0.3
51631	18200	8550	SOIL	TILL	CLAIM LINE 8530.	1	36	65	3.7	0.3
51632	18200	8600	SOIL	TILL		1	30	17	1.6	0.2
51633	18200	8650	SOIL	TILL		2	30	21	1.2	0.2
51634	18200	8700	SOIL	TILL		1	30	20	2.4	0.2
51635	18200	8750	SOIL	TILL		1	32	28	1.9	0.2
51636	18200	8800	SOIL	TILL		2	30	25	0.7	0.2
51637	18200	8850	SOIL	TILL		2	38	46	2.4	0.2
51638	18200	8900	SOIL	TILL		1	34	50	4	0.3
51639	18200	8950	SOIL	TILL		1	30	18	2.6	0.2
51640	18200	9000	SOIL	TILL		1	30	22	2.5	0.2
51641	18200	9050	SOIL	TILL		2	46	22	1.6	0.2
51642	18200	9100	SOIL	TILL		1	30	30	3.1	0.2
51643	18200	9250	SOIL	TILL	N/S 9150, 9200.	1	73	62	3.6	1
51644	18200	9300	SOIL	TILL		1	30	28	2.8	0.2
51645	18200	9350	SOIL	TILL		1	30	43	3.8	0.5
51646	18200	9400	SOIL	TILL		1	30	45	2	0.2
51647	18200	9450	SOIL	TILL		1	30	27	2.7	0.2
51648	18200	9500	SOIL	TILL		1	30	23	4.3	0.3
51649	18200	9550	SOIL	TILL		1	30	28	2.5	0.2
51650	18200	9600	SOIL	TILL		1	30	67	4	0.4
51651	18200	9650	SOIL	TILL		1	30	29	3.6	0.5
51652	18200	9700	SOIL	TILL		1	63	49	1.7	0.5
51653	18200	9750	SOIL	TILL		1	42	47	2.7	1.4

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51654	18200	9800	SOIL	TILL		5	66	31	2.9	1.3
51655	18200	9850	SOIL	TILL		1	31	63	3.5	0.4
51656	18200	9900	SOIL	TILL		5	33	35	4	1.3
51657	18200	9950	SOIL	TILL		1	30	59	0.5	0.3
51658	16000	6400	SOIL	TILL		1	95	86	5.4	0.5
51659	16000	6450	SOIL	TILL		522	181	75	6.4	0.4
51660	16000	6500	SOIL	TILL		24	86	60	4.7	0.4
51661	16000	6550	SOIL	TILL		1	52	35	1.1	0.2
51662	16000	6600	SOIL	TILL		1	33	45	6.5	0.3
51663	16000	6650	SOIL	TILL		1	30	37	2.3	0.2
51664	16000	6700	SOIL	TILL		1	153	96	4.2	0.2
51665	16000	6750	SOIL	TILL		1	80	97	4.7	0.2
51666	16000	6800	SOIL	TILL		1	62	91	2.4	0.3
51667	16000	6850	SOIL	TILL		1	130	124	3.3	0.6
51668	16000	6900	SOIL	TILL		1	58	87	3.3	0.3
51669	16000	6950	SOIL	TILL		1	131	63	0.7	0.8
51670	17800	9450	SOIL	ORGANIC	N/S 9600, 9550, 9500, CREEK.	1	188	175	1.9	1.5
51671	17800	9400	SOIL	ORGANIC		1	57	118	2.9	0.8
51672	17800	9350	SOIL	TILL		5	59	50	2.6	0.5
51673	17800	9300	SOIL	TILL		1	49	71	4	0.5
51674	17800	9250	SOIL	TILL		1	30	48	4.6	0.6
51675	17800	9150	SOIL	TILL	N/S 9200.	7	36	62	4.2	0.5
51676	17800	9100	SOIL	TILL		2	30	25	0.9	0.2
51677	17800	9050	SOIL	TILL		1	30	103	2.7	0.2
51678	17800	9000	SOIL	TILL		1	30	36	0.8	0.2
51679	17800	8950	SOIL	TILL		1	30	40	1.2	0.2
51680	17800	8900	SOIL	TILL		1	57	49	1.4	0.2
51681	17800	8850	SOIL	TILL		5	30	43	5.6	0.3
51682	17800	8800	SOIL	TILL		1	30	62	3.4	0.2
51683	17800	8750	SOIL	TILL		1	37	77	1.5	0.2
51684	17800	8700	SOIL	TILL	SILICEOUS RHYOLITE FLOAT.	1	30	69	0.5	0.2
51685	17800	8650	SOIL	TILL		1	45	49	2.2	0.3
51686	17800	8600	SOIL	TILL		1	114	61	1.3	0.2
51687	17800	8550	SOIL	TILL		1	56	37	2.7	0.3
51688	17800	8500	SOIL	TILL		2	30	46	3	0.2
51691	16000	7000	SOIL	TILL		3	46	25	3.9	0.3
51692	16000	7050	SOIL	TILL		2	49	55	1.7	0.2
51693	16000	7100	SOIL	TILL		1	38	34	0.8	0.2
51694	16000	7150	SOIL	TILL		1	51	32	1.8	0.2
51695	16000	7200	SOIL	TILL		7	70	35	5	0.4
51696	16000	7250	SOIL	TILL		2	75	32	2	0.3
51697	16000	7300	SOIL	TILL		1	57	42	4.1	0.2
51698	16000	7350	SOIL	TILL		1	56	37	2.2	0.3
51699	16000	7400	SOIL	TILL		13	36	48	2	0.2
51700	16000	7450	SOIL	TILL		3	74	78	1.8	0.2
51701	18000	8850	SOIL	COLLUVIUM		1	51	43	2.6	0.2
51702	18000	8900	SOIL	COLLUVIUM		2	67	31	2.9	0.3
51703	18000	8950	SOIL	COLLUVIUM		1	41	63	8.6	0.5
51704	18000	9000	SOIL	COLLUVIUM		1	38	40	4.9	0.2

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51705	18000	9050	SOIL	COLLUVIUM		2	30	28	1.4	0.3
51706	18000	9100	SOIL	COLLUVIUM		1	41	46	4.4	0.4
51707	18000	9250	SOIL	COLLUVIUM	N/S 9150 ,9200, BOG.	4	68	92	2.8	0.4
51708	18000	9300	SOIL	COLLUVIUM		2	73	116	2.6	1.2
51709	18000	9350	SOIL	COLLUVIUM		3	51	60	2.5	0.4
51710	18000	9400	SOIL	COLLUVIUM		1	41	21	1.8	0.5
51711	18000	9450	SOIL	COLLUVIUM		1	30	30	1.3	0.2
51712	18000	9500	SOIL	COLLUVIUM		2	30	55	1.9	0.2
51713	18000	9550	SOIL	COLLUVIUM		3	30	41	6.9	0.3
51714	18000	9700	SOIL	COLLUVIUM	N/S AT 9600, 9650, BOG.	1	65	38	1	0.2
51715	18000	9750	SOIL	COLLUVIUM		1	92	81	1.7	0.2
51716	18000	9800	SOIL	COLLUVIUM		1	30	33	1.8	0.7
51717	18000	9850	SOIL	COLLUVIUM		1	30	24	2.2	0.9
51718	18000	9900	SOIL	COLLUVIUM		1	30	76	3	0.8
51719	18000	9950	SOIL	COLLUVIUM		1	30	18	2	0.9
51720	15800	6400	SOIL	COLLUVIUM		2	71	82	5.1	1.1
51721	15800	6450	SOIL	COLLUVIUM		1	30	39	5.3	2.4
51722	15800	6500	SOIL	COLLUVIUM		1	66	26	1.7	0.2
51723	15800	6550	SOIL	COLLUVIUM		1	35	36	2.8	0.3
51724	15800	6600	SOIL	COLLUVIUM		1	104	27	0.9	0.4
51725	15800	6650	SOIL	COLLUVIUM		1	97	56	5.3	0.6
51726	15800	6700	SOIL	TILL	GRAVELLY.	1	30	84	5.2	0.2
51727	15800	6750	SOIL	TILL		1	76	73	2.9	1.1
51728	15800	6800	SOIL	TILL		1	52	79	6.1	1.1
51729	15800	6850	SOIL	TILL		1	49	47	5.1	0.2
51730	15800	6900	SOIL	TILL		1	74	100	3.3	0.7
51731	15800	6950	SOIL	TILL		1	114	73	3.8	0.6
51732	15800	7000	SOIL	TILL		1	107	108	11.5	8.3
51733	15800	7050	SOIL	TILL		4	69	39	1.8	0.4
51734	15800	7100	SOIL	TILL		1	36	22	2.2	0.2
51735	15800	7150	SOIL	TILL		1	30	37	4.9	0.4
51736	15800	7200	SOIL	TILL		1	66	26	1	0.4
51737	15800	7250	SOIL	TILL		1	67	29	4	0.4
51738	15800	7300	SOIL	TILL		1	42	30	2.1	0.2
51739	15800	7350	SOIL	TILL		2	35	42	5.1	0.2
51740	15800	7400	SOIL	TILL		1	39	21	1.7	0.2
51741	15800	7450	SOIL	TILL		4	30	39	1.5	0.2
51742	15800	7500	SOIL	TILL	CREEKSIDE.	1	77	53	8.8	0.3
51743	15800	7550	SOIL	TILL		1	141	131	3	0.3
51744	15800	7600	SOIL	TILL		1	30	52	2.4	0.2
51745	15800	7650	SOIL	TILL		1	30	19	0.5	0.2
51746	15800	7700	SOIL	TILL		1	30	69	1.6	0.2
51747	15800	7750	SOIL	TILL		1	30	194	1.1	0.2
51748	15800	7800	SOIL	TILL		1	30	87	1.5	0.2
51749	15800	7850	SOIL	TILL		1	30	116	3.2	0.2
51750	15800	7900	SOIL	TILL		1	42	91	4	0.4
51751	15800	7950	SOIL	TILL		2	33	102	2.5	0.4
51752	15800	8000	SOIL	ORGANIC	IN CUTBLOCK.	2	113	328	3.4	1.6
51753	15800	8050	SOIL	TILL	IN CUTBLOCK.	1	30	62	1.8	0.2
51754	15800	8100	SOIL	TILL	IN CLEARCUT.	2	30	82	2	0.3

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51755	15800	8150	SOIL	TILL	IN CLEARCUT.	1	30	83	2.9	0.4
51756	15800	8200	SOIL	TILL	IN CLEARCUT.	1	30	131	3	0.2
51757	15800	8250	SOIL	TILL	IN CLEARCUT.	1	30	75	2.1	0.2
51758	15800	8300	SOIL	TILL	IN CUTBLOCK.	2	38	226	7.4	0.7
51759	15800	8350	SOIL	TILL	IN CUTBLOCK.	1	30	51	1.7	0.3
51760	15800	8400	SOIL	TILL	IN CLEARCUT.	1	30	57	3.5	0.4
51761	15800	8450	SOIL	TILL	IN CUTBLOCK.	1	30	99	2.9	0.5
51762	15800	8500	SOIL	TILL	IN CUTBLOCK. SIDE OF ROAD.	1	37	94	4.1	0.6
51763	15800	8550	SOIL	TILL	IN CUTBLOCK.	1	30	70	3.8	0.3
51764	15800	8600	SOIL	TILL	IN CUTBLOCK.	1	30	42	3.2	0.4
51765	16200	7350	SOIL	TILL		1	30	58	1.6	0.2
51766	16200	7400	SOIL	TILL		1	30	141	2.8	0.3
51767	16200	7450	SOIL	TILL		2	31	58	1.9	0.2
51768	16200	7500	SOIL	TILL		3	41	71	2.7	0.3
51769	16200	7550	SOIL	TILL	CREEKSIDE.	1	30	71	4.5	0.3
51770	16200	7600	SOIL	TILL		1	45	106	3.4	0.4
51771	16200	7650	SOIL	TILL		1	38	49	2.7	0.2
51772	16200	7700	SOIL	TILL		1	45	89	2.3	0.2
51773	16200	7750	SOIL	TILL		20	47	82	1.7	0.3
51774	16200	7800	SOIL	TILL	CREEKSIDE.	1	230	95	2.5	0.3
51775	16200	7850	SOIL	ORGANIC	SIDE OF CREEK.	1	71	327	7.8	1.5
51776	16200	7900	SOIL	TILL		11	30	116	4.5	0.4
51777	16200	7950	SOIL	TILL	CREEKSIDE. SILTY/SANDY.	2	43	245	5.2	0.9
51778	16200	8000	SOIL	TILL	CREEKSIDE.	1	44	146	4.3	0.5
51779	16200	8050	SOIL	TILL	IN CUTBLOCK.	1	30	135	6.4	0.4
51780	16200	8100	SOIL	TILL	IN CLEARCUT.	2	149	119	3.6	0.4
51781	16200	8150	SOIL	TILL	IN CLEARCUT.	1	135	143	2.9	0.4
51782	16200	8200	SOIL	TILL	IN CLEARCUT.	1	30	91	3.6	0.4
51783	16200	8250	SOIL	TILL	MIDDLE OF LANDING. CLEARCUT.	1	188	185	7	0.5
51784	16200	8300	SOIL	TILL	IN CUTBLOCK	1	77	150	3.5	0.4
51785	16200	8350	SOIL	TILL	IN CLEARCUT.	1	65	87	3	0.3
51786	16200	8400	SOIL	TILL	IN CLEARCUT.	1	30	43	0.7	0.2
51787	16200	8450	SOIL	TILL	IN CUTBLOCK.	1	30	110	6.3	0.5
51788	16200	8500	SOIL	TILL	IN CUTBLOCK.	1	30	73	2.9	0.5
51789	16200	8550	SOIL	TILL	IN CUTBLOCK.	1	222	48	2.1	0.3
51790	16200	8600	SOIL	TILL	IN CUTBLOCK.	1	66	77	5.1	0.3
51801	16000	7500	SOIL	TILL		2	81	61	2.9	0.3
51802	16000	7550	SOIL	TILL		1	171	238	7.5	2
51803	16000	7600	SOIL	TILL		1	54	43	1.9	0.2
51804	16000	7650	SOIL	TILL		1	114	107	3.1	0.4
51805	16000	7700	SOIL	TILL		1	71	146	1.7	0.2
51806	16400	6400	SOIL	TILL		42	44	1697	23	10.3
51807	16400	6450	SOIL	TILL		1	257	141	6.9	4.5
51808	16400	6500	SOIL	TILL		1	54	273	7.9	5.2
51809	16400	6550	SOIL	TILL		1	30	124	16.1	4.1
51810	16400	6600	SOIL	TILL		1	30	84	3.8	0.7
51811	16400	6650	SOIL	TILL		1	30	53	2.5	0.4
51812	16400	6700	SOIL	TILL		8	72	88	3.4	0.4

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51813	16400	6750	SOIL	TILL		1	30	60	1.6	0.3
51814	16400	6800	SOIL	TILL		2	31	81	2.3	0.4
51815	16400	6850	SOIL	TILL		3	30	52	2.9	0.6
51816	16400	6900	SOIL	TILL		1	38	83	1.8	0.4
51817	16400	6950	SOIL	TILL		1	30	47	1.9	0.3
51818	16400	7000	SOIL	TILL		1	30	60	2.6	0.2
51819	16400	7050	SOIL	TILL		1	30	49	2.3	0.3
51820	16400	7150	SOIL	TILL		1	115	59	3.5	1.4
51821	16400	7100	SOIL	TILL		1	30	57	1.5	0.2
51822	16400	7200	SOIL	TILL		1	30	27	1.7	0.2
51823	16000	8600	SOIL	TILL		1	30	61	5	0.5
51824	16000	8550	SOIL	TILL		1	30	57	4.7	0.3
51825	16000	8500	SOIL	TILL		1	30	55	6.5	0.4
51826	16000	8450	SOIL	TILL		2	30	52	2.8	0.3
51827	16000	8400	SOIL	TILL		1	30	65	4.4	0.4
51828	16000	8350	SOIL	TILL		1	30	71	2.3	0.3
51829	16000	8300	SOIL	TILL		1	30	99	1.8	0.2
51830	16000	8250	SOIL	TILL	COARSE, SANDY.	1	30	68	1.1	0.2
51831	16000	8200	SOIL	TILL	COARSE, SANDY.	1	30	96	2.5	0.3
51832	16000	8150	SOIL	TILL	SANDY.	2	30	139	8.2	0.3
51833	16000	8100	SOIL	TILL		1	30	83	3.6	0.3
51834	16000	8050	SOIL	TILL		1	30	80	2.7	0.3
51835	16000	8000	SOIL	TILL		1	30	95	3.6	0.3
51836	16000	7950	SOIL	TILL		1	30	55	0.8	0.2
51837	16000	7900	SOIL	TILL		1	30	68	1.7	0.2
51838	16000	7850	SOIL	TILL		1	30	110	2	0.2
51839	16000	7800	SOIL	TILL		1	30	84	2.7	0.2
51840	16000	7750	SOIL	TILL		1	30	55	1.1	0.2
51841	16400	7300	SOIL	TILL	VERY LIGHT BROWN, ALMOST GREY.	1	30	32	1.6	0.2
51842	16400	7350	SOIL	TILL	SWAMP AT 7320 TO 60. TAKEN AT 7375.	1	105	90	3.1	0.3
51843	16400	7400	SOIL	TILL		1	30	70	1.6	0.2
51844	16400	7450	SOIL	TILL	RIDGE 7425.	1	30	67	2.1	0.2
51845	16400	7500	SOIL	TILL		7	60	72	2.1	0.3
51846	16400	7550	SOIL	TILL		1	34	137	4.8	0.3
51847	16400	7600	SOIL	TILL	BEAVERPOND 7610.	31	30	66	1.7	0.2
51848	16400	7650	SOIL	TILL	TAKEN 30M E DUE TO BEAVER POND.	1	30	708	6.8	2.2
51849	16400	7700	SOIL	TILL	BEAVER POND AT 7695.	1	31	91	3.4	0.4
51850	15600	6400	SOIL	TILL		202	333	43	3.7	0.5
51851	15600	6450	SOIL	TILL		2	165	61	8.1	0.5
51852	15600	6500	SOIL	TILL		2	81	67	10.7	0.5
51853	15600	6550	SOIL	TILL	CREEK AT 6525.	1	30	39	9.5	0.2
51854	15600	6600	SOIL	TILL		1	52	36	4.2	0.3
51855	15600	6650	SOIL	TILL		1	209	22	2.3	0.2
51856	15600	6700	SOIL	TILL	SANDY.	2	79	50	9.2	0.7
51857	15600	6750	SOIL	TILL	SANDY.	29	30	95	13.6	2.2
51858	15600	6800	SOIL	TILL		12	108	109	7.5	1.4
51859	15600	6850	SOIL	TILL		6	30	90	15	1.5

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51860	15600	6900	SOIL	TILL		1	49	48	4.8	0.4
51861	15600	6950	SOIL	TILL		3	82	21	3.3	0.2
51862	15600	7000	SOIL	TILL		1	66	14	1.3	0.2
51863	15600	7050	SOIL	TILL		1	103	41	1.4	0.2
51864	15600	7100	SOIL	TILL		1	54	28	1.3	0.2
51865	15600	7150	SOIL	TILL		1	30	28	1.1	0.2
51866	15600	7200	SOIL	TILL		2	126	117	4.6	0.2
51867	15600	7250	SOIL	TILL		1	48	30	2.7	0.2
51868	15600	7300	SOIL	TILL		1	30	20	2.6	0.2
51869	15600	7350	SOIL	TILL		2	30	38	3	0.2
51870	15600	7400	SOIL	TILL	HUMMICKY RHYOLITE FLOAT IN HOLE.	2	160	59	2.4	0.2
51871	15600	7450	SOIL	TILL		2	30	29	3.3	0.2
51872	15600	7500	SOIL	TILL	ABOVE CREEK SOUTH SIDE.	1	77	43	16.3	0.2
51873	15600	7550	SOIL	TILL	CREEK 7515N.	1	30	80	3.7	0.2
51874	15600	7600	SOIL	TILL		1	56	54	1.7	0.2
51875	16200	6400	SOIL	TILL		1	30	77	5.5	0.7
51876	16200	6450	SOIL	TILL		2	45	66	7.9	0.4
51877	16200	6500	SOIL	TILL		1	56	55	2.7	0.3
51878	16200	6550	SOIL	TILL	ROCKY/SUBCROP.	1	145	609	13.4	16.4
51879	16200	6600	SOIL	TILL		1	30	69	4.3	0.9
51880	16200	6650	SOIL	TILL		1	30	49	2	0.2
51881	16200	6700	SOIL	TILL		2	30	48	2	0.2
51882	16200	6750	SOIL	TILL		1	37	69	2	0.2
51883	16200	6800	SOIL	TILL		1	30	38	0.5	0.2
51884	16200	6850	SOIL	TILL		1	30	42	0.7	0.2
51885	16200	6900	SOIL	TILL		1	30	48	0.6	0.2
51886	16200	6950	SOIL	TILL		1	30	49	1	0.2
51887	16200	7000	SOIL	TILL		1	223	26	2	0.2
51888	16200	7050	SOIL	TILL		1	30	40	2.1	0.3
51889	16200	7100	SOIL	TILL		1	30	45	2	0.2
51890	16200	7150	SOIL	TILL		2	30	52	2.8	0.2
51891	16200	7200	SOIL	TILL	ROCKY TILL.	1	34	361	5.3	2.7
51892	16200	7250	SOIL	TILL		1	30	51	1.4	0.2
51893	16200	7300	SOIL	TILL		1	46	84	2.2	0.3
51894	15600	7650	SOIL	TILL		2	741	79	1.2	0.2
51895	15600	7700	SOIL	TILL		2	30	107	1.1	0.2
51896	15600	7750	SOIL	TILL		1	30	111	1.6	0.2
51897	15600	7800	SOIL	TILL		2	30	112	1.8	0.2
51898	15600	7850	SOIL	TILL		13	30	93	1.8	0.2
51899	15600	7900	SOIL	TILL		1	30	89	2.5	0.2
51900	15600	7950	SOIL	TILL		1	30	87	2.1	0.2
51901	15600	8000	SOIL	TILL		1	30	114	2.2	0.2
51902	15600	8050	SOIL	TILL	SAMPLE 15M NW.	2	34	146	2.3	0.2
51903	15600	8100	SOIL	TILL		1	30	125	2.4	0.2
51904	15600	8150	SOIL	TILL	RIDGE TOP.	1	30	98	2.3	0.3
51905	15600	8200	SOIL	TILL		1	30	101	1.9	0.4
51906	15600	8250	SOIL	TILL	SAMPLE 15M NW.	1	30	81	1.8	0.3
51907	15600	8300	SOIL	TILL		1	30	108	2.3	0.3
51908	15600	8350	SOIL	TILL		1	54	54	2.1	0.5

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51909	15600	8400	SOIL	TILL		1	30	75	1.5	0.2
51910	15600	8450	SOIL	TILL		1	30	74	1.6	0.3
51911	15600	8500	SOIL	TILL		2	30	92	3.5	0.3
51912	15600	8550	SOIL	TILL	RIDGE?	1	30	96	2.8	0.4
51913	15600	8600	SOIL	TILL		3	30	95	4	0.3
51914	16600	7600	SOIL	TILL		3	90	152	8.9	0.7
51915	16600	7650	SOIL	TILL		2	30	95	3.3	0.5
51916	16600	7700	SOIL	TILL		2	30	79	2.2	0.7
51917	16600	7750	SOIL	TILL		1	30	186	2.2	0.8
51918	16600	7800	SOIL	TILL		1	30	72	3.2	0.8
51919	16600	7850	SOIL	TILL		2	30	134	2.2	5.6
51920	16600	7900	SOIL	TILL		1	30	92	6.5	1.9
51921	16600	7950	SOIL	TILL		2	47	65	3.1	1.2
51922	16600	8000	SOIL	TILL		2	30	63	5.6	0.7
51923	16600	8050	SOIL	TILL		2	30	83	2.9	0.6
51924	16600	8300	SOIL	TILL	N/S 8100, 8150, 8200, 8250.	2	30	164	5.5	0.5
51925	16600	8350	SOIL	TILL		2	30	70	4.8	1.2
51926	16600	8400	SOIL	TILL		2	30	113	2.6	0.5
51927	16600	8450	SOIL	TILL		1	30	35	1.4	0.3
51928	16600	8500	SOIL	TILL		1	30	53	4.4	0.4
51929	16600	8550	SOIL	TILL		1	30	83	5.4	0.3
51930	16600	8600	SOIL	TILL		1	30	88	6.2	0.3
51931	15300	8600	SOIL	TILL		2	30	42	1.9	0.4
51932	15300	8550	SOIL	TILL		1	30	65	2.7	0.3
51933	15300	8500	SOIL	TILL		2	30	68	2.1	0.3
51934	15300	8450	SOIL	TILL		2	31	80	2.6	0.3
51935	15300	8400	SOIL	TILL		2	30	46	4.1	0.3
51936	15300	8350	SOIL	TILL		2	30	92	2.3	0.3
51937	15300	8300	SOIL	TILL		4	30	109	2.4	0.4
51938	15300	8250	SOIL	TILL		1	30	57	1.8	0.2
51939	15300	8200	SOIL	TILL		1	30	103	2.2	0.3
51940	15300	8150	SOIL	TILL		1	30	69	2.5	0.3
51941	15300	8100	SOIL	TILL		1	30	59	2.2	0.2
51942	15300	8050	SOIL	TILL		1	30	63	3.3	0.3
51943	15300	8000	SOIL	TILL		1	30	61	2.4	0.2
51944	15300	7950	SOIL	TILL		1	30	42	2.6	0.2
51945	15300	7900	SOIL	TILL		1	42	85	2.9	0.3
51946	15300	7850	SOIL	TILL		26	30	47	2.9	0.2
51947	15300	7800	SOIL	TILL		1	30	62	1.6	0.2
51948	15300	7750	SOIL	TILL		1	30	55	3.2	0.2
51949	15300	7700	SOIL	TILL		1	37	67	2.5	0.2
51950	15300	7650	SOIL	TILL		1	30	52	2.6	0.2
51951	15300	7600	SOIL	TILL		1	30	104	4	0.2
51952	18000	10000	SOIL	TILL		3	30	27	5	1.2
51953	18000	10050	SOIL	TILL		1	30	29	2	0.5
51954	18000	10100	SOIL	TILL		1	30	35	2	0.4
51955	18000	10150	SOIL	TILL		1	30	25	2.3	0.4
51956	18000	10200	SOIL	TILL		1	30	21	1.3	0.3
51957	18000	10250	SOIL	TILL		1	30	46	4.8	0.3
51958	18000	10300	SOIL	TILL		1	30	30	1.8	0.3

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
51959	14700	7600	SOIL	TILL		1	30	77	3	0.2
51960	14700	7650	SOIL	TILL		1	30	31	3.1	0.2
51961	14700	7700	SOIL	TILL		3	30	70	2.3	0.4
51962	14700	7750	SOIL	TILL		1	30	23	1.2	0.2
51963	14700	7800	SOIL	TILL		1	30	69	2.7	0.4
51964	14700	7850	SOIL	TILL		1	30	90	3.9	0.3
51965	14700	7900	SOIL	TILL		1	30	141	7.5	0.2
51966	14700	7950	SOIL	TILL		1	30	238	5.4	0.2
51967	14700	8000	SOIL	TILL		1	30	272	3.2	0.2
51968	14700	8050	SOIL	TILL		1	708	105	3.7	0.3
51969	14700	8100	SOIL	TILL		1	30	101	2.2	0.2
51970	14700	8150	SOIL	TILL		1	54	173	2.7	0.4
51971	14700	8200	SOIL	TILL		1	72	130	2.2	0.3
51972	14700	8250	SOIL	TILL		1	30	78	2.3	0.3
51973	14700	8300	SOIL	TILL		1	108	256	9.1	0.7
51974	14700	8350	SOIL	TILL		1	33	164	4.5	0.3
51975	14700	8400	SOIL	TILL		1	38	136	7	0.4
51976	14700	8450	SOIL	TILL		1	30	230	1.6	0.3
51977	14700	8500	SOIL	TILL		4	161	154	1.9	0.4
51978	14700	8550	SOIL	TILL		1	119	127	3.1	0.5
51979	14700	8600	SOIL	TILL		2	86	110	11	0.8
51980	14700	8650	SOIL	TILL		1	45	67	4	0.5
51981	14700	8700	SOIL	TILL		1	30	49	0.5	0.2
51982	14700	8750	SOIL	TILL		2	30	86	2.5	0.4
51983	14700	8800	SOIL	TILL		1	30	124	1.1	0.2
51984	14700	8850	SOIL	TILL		2	30	303	4.5	0.6
51985	14700	8900	SOIL	TILL		1	30	103	4.4	0.3
51986	14700	8950	SOIL	TILL		1	30	118	4.8	0.3
51987	14700	9000	SOIL	TILL		1	30	69	4.8	0.3
52001	16400	7750	SOIL	TILL		1	176	135	1.8	1.3
52002	16400	7800	SOIL	TILL		2	44	546	2.6	1.5
52003	16400	7850	SOIL	TILL		1	52	94	3.9	9.5
52004	16400	7900	SOIL	TILL		1	220	114	1.5	0.5
52005	16400	7950	SOIL	TILL		1	851	288	27.3	408.2
52006	16400	8000	SOIL	TILL		1	30	324	1.5	4.3
52007	16400	8050	SOIL	TILL		7	30	136	1.4	2.9
52008	16400	8100	SOIL	TILL	SWAMP 8120. CREEK 8150.	2	84	661	9.6	66.6
52009	16400	8150	SOIL	TILL	TAKEN 35M W DUE TO CREEK, SWAMP.	1	62	153	4.9	1.7
52010	16400	8200	SOIL	TILL		1	30	154	4.2	0.5
52011	16400	8250	SOIL	TILL		1	30	123	1.7	0.2
52012	16400	8300	SOIL	TILL	FOREST. SANDY, COARSE GRAIN.	1	58	160	6.7	0.7
52013	16400	8350	SOIL	TILL		1	62	177	8.2	0.7
52014	16400	8400	SOIL	TILL	SANDY. CUTBLOCK STARTS.	8	98	110	5.9	0.8
52015	16400	8450	SOIL	TILL		2	54	59	4.4	1.1
52016	16400	8500	SOIL	TILL		2	30	46	1.9	0.3
52017	16400	8550	SOIL	TILL		13	30	44	3.6	0.7
52018	16400	8600	SOIL	TILL		1	34	56	7	2.4

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
52019	18000	11100	SOIL	TILL		1	54	60	1.1	0.2
52020	18000	11050	SOIL	TILL		1	30	57	2.4	0.4
52021	18000	11000	SOIL	TILL		1	30	49	1.4	0.2
52022	18000	10950	SOIL	TILL		1	30	42	1	0.2
52023	18000	10900	SOIL	TILL		2	30	48	1.8	0.2
52024	18000	10850	SOIL	TILL		1	30	48	2.4	0.2
52025	18000	10800	SOIL	TILL		1	30	37	4.7	0.2
52026	18000	10750	SOIL	TILL		1	30	38	4.8	0.3
52027	18000	10700	SOIL	TILL		1	30	46	2.7	0.2
52028	18000	10650	SOIL	TILL		1	30	47	5.8	0.3
52029	18000	10600	SOIL	TILL		1	30	28	4.9	0.2
52030	18000	10550	SOIL	TILL		1	130	81	1.4	0.2
52031	18000	10500	SOIL	TILL		1	30	34	1.5	0.3
52032	18000	10450	SOIL	TILL		3	30	38	4.9	0.4
52033	18000	10400	SOIL	TILL		1	129	111	3.9	0.4
52034	18000	10350	SOIL	TILL		1	30	58	0.5	0.2
52035	15000	7600	SOIL	TILL		1	57	189	3.6	0.3
52036	15000	7650	SOIL	TILL		1	35	92	2.6	0.2
52037	15000	7700	SOIL	TILL		1	57	81	2.9	0.2
52038	15000	7750	SOIL	TILL		1	90	80	3.7	0.2
52039	15000	7800	SOIL	TILL		1	62	67	3.3	0.3
52040	15000	7850	SOIL	TILL		1	45	100	3.3	0.3
52041	15000	7900	SOIL	TILL		2	30	49	1.9	0.2
52042	15000	7950	SOIL	TILL		1	30	54	1.3	0.2
52043	15000	8000	SOIL	TILL		1	30	144	0.5	0.2
52044	15000	8050	SOIL	TILL		1	37	198	2.2	0.3
52045	15000	8100	SOIL	TILL		1	30	73	1	0.2
52046	15000	8150	SOIL	TILL		2	30	68	2.1	0.2
52047	15000	8200	SOIL	TILL		1	30	34	1.2	0.2
52048	15000	8250	SOIL	TILL		1	33	204	2.8	0.4
52049	15000	8300	SOIL	TILL		1	64	131	3.1	0.6
52050	15000	8350	SOIL	TILL		1	30	103	2.5	0.3
52051	15000	8400	SOIL	TILL		2	30	104	7.7	0.5
52052	15000	8450	SOIL	TILL		1	41	181	8.6	0.5
52053	15000	8500	SOIL	TILL		1	30	86	1.5	0.2
52054	15000	8550	SOIL	TILL		1	30	59	2.8	0.4
52055	15000	8600	SOIL	TILL		1	30	55	2.7	0.3
52056	15000	8650	SOIL	TILL		1	30	171	7.1	0.5
52057	15000	8700	SOIL	TILL		1	30	128	2.8	0.4
52058	15000	8750	SOIL	TILL		2	33	93	2.9	0.4
52059	15000	8800	SOIL	TILL		1	30	93	4.9	0.3
52060	15000	8850	SOIL	TILL		1	30	51	7.6	0.4
52061	15000	8900	SOIL	TILL		1	30	58	2.1	0.3
54501	12600	10000	SOIL	TILL		1	33	34	2	0.2
54502	12600	10050	SOIL	TILL		1	38	30	2.8	0.2
54503	12600	10100	SOIL	TILL		1	39	40	2.1	0.2
54504	12600	10150	SOIL	TILL		2	30	33	0.9	0.2
54505	12600	10200	SOIL	TILL		1	108	25	2.4	0.2
54506	12600	10250	SOIL	TILL	ROCKY.	1	432	55	1.5	0.3
54507	12600	10300	SOIL	TILL		1	124	20	1.3	0.2
54508	12600	10350	SOIL	TILL		1	30	15	1.4	0.2

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
54509	12600	10400	SOIL	TILL		2	30	13	1.5	0.2
54510	12600	10450	SOIL	TILL		1	30	16	2.6	0.2
54511	12600	10500	SOIL	TILL		1	30	41	3.5	0.2
54512	12800	10500	SOIL	TILL		1	30	24	3	0.2
54513	12800	10450	SOIL	TILL		2	34	28	4.1	0.2
54514	12800	10400	SOIL	TILL	SAMPLE TAKEN AT 10390.	1	30	18	5.1	0.3
54515	12800	10350	SOIL	TILL		2	30	16	1.7	0.2
54516	12800	10300	SOIL	TILL		1	139	15	4.4	0.4
54517	12800	10250	SOIL	TILL		1	125	30	2.8	0.2
54518	12800	10200	SOIL	TILL	ROCKY.	1	83	43	2	0.2
54519	12800	10150	SOIL	TILL		1	115	31	3.7	0.2
54520	12800	10100	SOIL	TILL		1	30	30	2.6	0.2
54521	12800	10050	SOIL	TILL		1	30	21	2.8	0.2
54522	12800	10000	SOIL	TILL		1	30	26	3	0.2
54523	13000	10000	SOIL	TILL		1	163	28	2.3	0.2
54524	13000	10050	SOIL	TILL		1	252	29	13.6	0.3
54525	13000	10100	SOIL	TILL		1	30	25	4.3	0.3
54526	13000	10150	SOIL	TILL	SAMPLE AT 10135.	1	49	28	5	0.2
54527	13000	10200	SOIL	TILL		1	31	32	3.3	0.2
54528	13000	10250	SOIL	TILL		1	33	20	1.8	0.2
54529	13000	10300	SOIL	TILL		1	67	22	2.4	0.2
54530	13000	10350	SOIL	TILL		1	30	18	1.7	0.2
54531	13000	10400	SOIL	TILL		1	76	28	2.9	0.2
54532	13000	10450	SOIL	TILL		1	88	20	3.2	0.2
54533	13000	10500	SOIL	TILL		1	140	31	3.7	0.2
54534	13200	10500	SOIL	TILL		1	56	26	3.4	0.2
54535	13200	10450	SOIL	TILL		1	58	20	5.9	0.4
54536	13200	10400	SOIL	TILL		1	33	19	5.4	0.2
54537	13200	10350	SOIL	TILL	SAMPLE TAKEN AT 10340.	5	90	9	8.8	0.7
54538	13200	10300	SOIL	TILL		1	30	24	5.5	0.2
54539	13200	10250	SOIL	TILL		1	30	28	4.6	0.2
54540	13200	10200	SOIL	TILL	SAMPLE TAKEN AT 10210.	1	30	104	3.5	0.2
54541	13200	10100	SOIL	TILL	N/S 10150, SWAMP.	1	30	11	1.5	0.2
54542	13200	10050	SOIL	TILL		1	134	82	2.6	0.3
54543	13200	10000	SOIL	TILL		1	61	27	2.5	0.2
54544	13000	9950	SOIL	TILL	ROCKY.	1	303	43	2.6	0.2
54545	13000	9900	SOIL	TILL		1	167	16	3.4	0.2
54546	13000	9850	SOIL	TILL		1	263	51	2.3	0.2
54547	13000	9800	SOIL	TILL		1	43	19	2.9	0.2
54548	13000	9750	SOIL	TILL		1	75	29	3.3	0.2
54549	13000	9700	SOIL	TILL	SAMPLE AT 9690.	1	39	19	1.2	0.2
54550	13000	9650	SOIL	TILL		9	107	37	2.3	0.2
54551	13000	9600	SOIL	TILL		1	33	31	3.9	0.2
54552	13000	9550	SOIL	TILL		1	30	33	2.2	0.2
54553	13000	9500	SOIL	TILL		1	30	26	2.3	0.2
54554	13000	9450	SOIL	TILL		1	30	18	3.1	0.2
54555	13000	9400	SOIL	TILL		5	34	18	2.4	0.2
54556	13000	9350	SOIL	TILL		1	30	33	2.2	0.2

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
54558	13000	9300	SOIL	TILL		1	74	26	2.1	0.2
54558	13000	9250	SOIL	TILL		1	74	26	2.1	0.2
54559	13000	9200	SOIL	TILL		1	43	34	1.8	0.2
54560	13000	9150	SOIL	TILL		1	56	37	1.7	0.2
54561	13000	9100	SOIL	TILL		1	124	44	3.4	0.2
54562	13000	9050	SOIL	TILL		1	125	30	1.9	0.2
54563	13000	9000	SOIL	TILL		1	58	25	1.7	0.2
54564	12800	9000	SOIL	TILL		1	42	24	1.8	0.2
54565	12800	9050	SOIL	TILL		1	76	22	1.1	0.2
54566	12800	9100	SOIL	TILL		1	56	32	1.7	0.2
54567	12800	9150	SOIL	TILL		1	498	76	7.1	0.2
54568	12800	9200	SOIL	TILL	ROCKY SAMPLE.	1	30	75	1.9	0.2
54569	12800	9250	SOIL	TILL	ROCKY.	1	67	61	0.9	0.2
54570	12800	9300	SOIL	TILL		1	30	37	2	0.2
54571	12800	9350	SOIL	TILL		1	30	23	1.7	0.2
54572	12800	9400	SOIL	TILL		1	30	54	4.7	0.2
54573	12800	9450	SOIL	TILL	ROCKY.	1	31	65	3.7	0.2
54574	12800	9500	SOIL	TILL	ROCKY.	1	51	194	3.6	0.2
54575	12800	9550	SOIL	TILL		1	30	26	1.8	0.2
54576	12800	9600	SOIL	TILL		1	34	26	1.6	0.2
54577	12800	9650	SOIL	TILL		1	30	37	1.4	0.2
54578	12800	9700	SOIL	TILL		2	30	34	1.6	0.2
54579	12800	9750	SOIL	TILL		2	49	38	3.3	0.2
54580	12800	9800	SOIL	TILL		2	201	89	9.3	0.2
54581	12800	9850	SOIL	TILL		1	30	34	4.3	0.2
54582	12800	9900	SOIL	TILL		1	49	38	5.6	0.2
54583	12800	9950	SOIL	TILL		1	38	23	3.8	0.2
54584	12600	9950	SOIL	TILL		1	65	36	2.2	0.2
54585	12600	9900	SOIL	TILL		1	76	38	6.3	0.2
54586	12600	9850	SOIL	TILL		1	30	29	2.2	0.2
54587	12600	9800	SOIL	TILL		2	69	30	3.6	0.2
54588	12600	9750	SOIL	TILL		1	161	36	2.9	0.2
54589	13200	9950	SOIL	TILL		7	30	30	2.7	0.2
54590	13200	9900	SOIL	TILL		1	100	27	1.9	0.2
54591	13200	9850	SOIL	TILL		1	107	33	2.9	0.2
54592	13200	9800	SOIL	TILL		8	104	35	2.8	0.2
54593	13200	9750	SOIL	TILL		1	64	43	3	0.2
54594	13200	9700	SOIL	TILL		1	99	34	4.3	0.2
54595	13200	9650	SOIL	TILL		1	68	39	1.8	0.2
54596	13200	9600	SOIL	TILL	SAMPLE TAKEN AT 9615.	2	49	37	1.6	0.2
54597	13200	9550	SOIL	TILL		1	30	34	1.1	0.2
54598	13200	9500	SOIL	TILL		1	30	73	1.9	0.2
54599	13200	9450	SOIL	TILL		1	47	72	2.2	0.2
54600	13200	9400	SOIL	TILL		1	60	48	5.7	0.4
54601	13200	9367	SOIL	TILL	LAKE.	5	30	21	3.5	0.2
54602	13200	9123	SOIL	TILL	N/S AT 9150, 9200, 9250, 9300, 9350.	1	30	24	1.7	0.4
54603	13200	9100	SOIL	TILL		1	30	25	2.7	0.2
54604	13200	9050	SOIL	TILL		1	30	22	2.8	0.2
54605	13200	9000	SOIL	TILL		1	30	28	2.1	0.2

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
54606	12600	9000	SOIL	TILL		1	32	27	2.1	0.2
54607	12600	9050	SOIL	TILL		1	66	28	1.6	0.2
54608	12600	9100	SOIL	TILL		1	30	24	1.8	0.2
54609	12600	9150	SOIL	TILL		1	41	26	1.7	0.2
54610	12600	9200	SOIL	TILL		1	37	30	1.3	0.2
54611	12600	9250	SOIL	TILL		1	56	18	1	0.2
54612	12600	9300	SOIL	TILL		1	88	33	1.2	0.2
54613	12600	9350	SOIL	TILL		5	183	34	2.9	0.2
54614	12600	9400	SOIL	TILL		1	303	42	3	0.2
54615	12600	9450	SOIL	TILL		1	44	24	1.6	0.2
54616	12600	9500	SOIL	TILL		1	128	28	1.5	0.2
54617	12600	9550	SOIL	TILL		1	30	44	0.9	0.2
54618	12600	9600	SOIL	TILL		1	30	15	1.8	0.2
54619	12600	9650	SOIL	TILL		2	90	99	13.1	0.6
54620	13400	10500	SOIL	TILL		1	113	42	8.9	0.2
54621	13400	10450	SOIL	TILL		1	287	29	15.5	0.2
54622	13400	10400	SOIL	TILL		1	96	6	4.2	0.2
54623	13400	10350	SOIL	TILL		1	39	21	2.8	0.2
54624	13400	10300	SOIL	TILL		1	30	23	2.6	0.2
54625	13400	10250	SOIL	TILL		1	30	31	3.1	0.2
54626	13400	10200	SOIL	TILL		1	30	22	2	0.2
54627	13400	10150	SOIL	TILL		1	108	61	4.1	0.2
54628	13400	10100	SOIL	TILL		1	322	108	16	1.1
54629	13400	10050	SOIL	TILL	N/S TAKEN 10000 TO 9850, SWAMP.	1	33	30	4.9	0.3
54630	13400	9800	SOIL	TILL		1	226	206	110.9	2.7
54631	13400	9550	SOIL	TILL	9750 TO 9600 IN SWAMP.	1	54	40	4.4	0.2
54632	13400	9500	SOIL	TILL		1	47	36	2.4	0.6
54633	13400	9450	SOIL	TILL	ROCKY.	1	71	150	7.7	1.4
54634	13400	9350	SOIL	TILL	N/S AT 9400. OUTCROP.	2	46	80	3.9	1.9
54635	13400	9300	SOIL	TILL		1	40	36	5.4	0.8
54636	13400	9250	SOIL	TILL		1	33	51	4.3	1.1
54637	13400	9200	SOIL	TILL		1	45	39	1.6	1.7
54638	13400	9150	SOIL	TILL		1	50	43	1.6	0.9
54639	13400	9100	SOIL	TILL		1	48	40	2.2	0.3
54640	13400	9050	SOIL	TILL		1	30	27	2.8	0.3
54641	13400	9000	SOIL	TILL		1	34	33	1.1	0.2
54642	13600	9000	SOIL	TILL		1	30	23	1	0.2
54643	13600	9050	SOIL	TILL		1	36	27	1.7	0.3
54644	13600	9100	SOIL	TILL		1	30	28	2.2	0.4
54645	13600	9150	SOIL	TILL		6	30	22	3.1	0.4
54646	13600	9200	SOIL	TILL		1	30	36	3.7	0.6
54647	13600	9250	SOIL	TILL		1	30	28	1.5	0.2
54648	13600	9300	SOIL	TILL		1	30	32	1.9	0.4
54649	13600	9350	SOIL	TILL		1	30	46	1.8	0.2
54650	13600	9400	SOIL	TILL	ROCKY SAMPLE.	1	30	31	1.6	0.6
54651	13600	9450	SOIL	TILL	N/S AT 9500, LAKE.	1	39	38	1.8	0.4
54652	13600	9650	SOIL	TILL	N/S 9500 TO 9600.	1	50	63	13.9	0.3

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
54653	13600	9700	SOIL	TILL	SAMPLE TAKEN AT 9705.	1	93	89	11.4	0.4
54654	13600	9750	SOIL	TILL		1	76	39	2.6	0.2
54655	13600	9800	SOIL	TILL		1	30	37	3.4	0.2
54656	13600	9850	SOIL	TILL		1	167	73	5.9	0.2
54657	13600	9900	SOIL	TILL		1	39	16	3.5	0.3
54658	13600	9950	SOIL	TILL		2	49	40	4.9	0.3
54659	13600	10000	SOIL	TILL		1	60	50	7	0.4
54660	13600	10050	SOIL	TILL		1	55	31	3.3	0.3
54661	13600	10100	SOIL	TILL		1	58	30	2.2	0.3
54662	13600	10150	SOIL	TILL		1	35	16	1.5	0.2
54663	13600	10200	SOIL	TILL		1	37	17	1	0.2
54664	13600	10250	SOIL	TILL		1	50	16	1	0.2
54665	13600	10300	SOIL	TILL		1	115	29	6.6	0.4
54666	13600	10350	SOIL	TILL	ROCKY SAMPLE.	2	345	46	42.4	1.4
54667	13600	10400	SOIL	TILL		1	96	32	15.1	0.6
54668	13600	10450	SOIL	TILL		6	562	194	112.8	3.8
54669	13600	10500	SOIL	TILL		1	132	30	5.9	0.3
54670	13800	9000	SOIL	TILL		1	30	41	5.4	0.6
54671	13800	9050	SOIL	TILL		1	39	44	2	0.5
54672	13800	9100	SOIL	TILL		1	30	56	5.1	0.5
54673	13800	9150	SOIL	TILL		8	30	22	1.2	0.3
54674	13800	9200	SOIL	TILL		2	30	26	4.9	0.4
54675	13800	9250	SOIL	TILL	SAMPLE TAKEN AT 9215.	5	102	312	47	2.3
54676	13800	9300	SOIL	TILL		3	422	192	101.3	2.2
54677	13800	9350	SOIL	TILL		2	30	52	5.4	0.3
54678	13800	9400	SOIL	TILL		1	40	35	3	0.2
54679	13800	9450	SOIL	TILL		1	30	48	2.2	0.2
54680	13800	9500	SOIL	TILL		3	35	52	3.8	0.2
54681	13800	9550	SOIL	TILL	ROCKY SAMPLE.	1	111	62	4.3	0.3
54682	13800	9600	SOIL	TILL		1	42	52	2.3	0.2
54683	13800	9650	SOIL	TILL		3	41	44	2.2	0.2
54684	13800	9700	SOIL	TILL		1	30	92	10.1	0.4
54685	13800	9750	SOIL	TILL		1	30	89	3.5	0.2
54686	13800	9800	SOIL	TILL		1	34	30	1.1	0.2
54687	13800	9850	SOIL	TILL		1	30	30	1.3	0.2
54688	13800	9900	SOIL	TILL		1	35	48	4.5	0.4
54689	13800	9950	SOIL	TILL		2	64	36	0.9	0.2
54690	13800	10000	SOIL	TILL		2	30	19	1.1	0.2
54691	14000	10000	SOIL	TILL		1	56	29	2	0.2
54692	14000	9950	SOIL	TILL		1	30	24	1.8	0.2
54693	14000	9900	SOIL	TILL		1	30	42	1.1	0.2
54694	14000	9850	SOIL	TILL		1	49	25	1.7	0.2
54695	14000	9800	SOIL	TILL		1	30	44	5.7	0.8
54696	14000	9750	SOIL	TILL		1	55	36	2.6	0.4
54697	14000	9700	SOIL	TILL		1	252	37	3.5	0.2
54698	14000	9650	SOIL	TILL		1	139	49	4	0.2
54699	14000	9600	SOIL	TILL			198		4.1	0.2
54700	14000	9550	SOIL	TILL		1	1266	50	7.2	0.2
54701	14000	9500	SOIL	TILL		1	86	48	5.1	0.2

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
54702	14000	9450	SOIL	TILL		1	30	37	4.7	0.2
54703	14000	9400	SOIL	TILL		1	30	21	3	0.2
54704	14000	9350	SOIL	TILL	ROCKY SAMPLE.	1	174	28	1	0.2
54705	14000	9300	SOIL	TILL		1	52	37	2.8	0.2
54706	14000	9250	SOIL	TILL		1	40	85	7.9	0.6
54707	14000	9200	SOIL	TILL		2	47	114	8.3	0.6
54708	14000	9150	SOIL	TILL		1	42	60	14.8	0.6
54709	14000	9100	SOIL	TILL		1	30	76	3.8	0.5
54710	14000	9050	SOIL	TILL		1	33	84	8.3	1
54711	14000	9000	SOIL	TILL		1	53	126	18.4	0.9
54712	14200	9000	SOIL	TILL		1	44	32	1.5	0.3
54713	14200	9050	SOIL	TILL		1	40	32	3.5	0.6
54714	14200	9100	SOIL	TILL		1	74	114	8.8	0.7
54715	14200	9150	SOIL	TILL		2	30	63	17	0.5
54716	14200	9200	SOIL	TILL		1	35	59	5.3	0.5
54717	14200	9250	SOIL	TILL		1	49	90	17.5	0.5
54718	14200	9300	SOIL	TILL		1	30	32	2.7	0.2
54719	14200	9350	SOIL	TILL		1	38	22	2.6	0.2
54720	14200	9400	SOIL	TILL		1	39	62	6.9	0.3
54721	14200	9450	SOIL	TILL		1	48	32	2.3	0.2
54722	14200	9500	SOIL	TILL		1	62	128	2.4	0.2
54723	14200	9550	SOIL	TILL		1	56	31	2.8	0.2
54724	14200	9600	SOIL	TILL		1	31	56	2.6	0.2
54725	14200	9650	SOIL	TILL		1	62	41	4.9	0.3
54726	14200	9700	SOIL	TILL		1	43	49	2.6	0.2
54727	14200	9750	SOIL	TILL		1	70	73	8.1	0.7
54728	14200	9800	SOIL	TILL		1	60	65	9.4	0.7
54729	14200	9850	SOIL	TILL		1	30	41	5	0.3
54730	14200	9950	SOIL	TILL	N/S AT 9900, SWAMP. ROCKY.	1	46	25	1.2	0.2
54731	14200	10000	SOIL	TILL		1	131	29	1.7	0.2
54732	14400	9000	SOIL	TILL		2	242	159	28.3	0.7
54733	14400	9050	SOIL	TILL		1	30	72	7.2	0.3
54734	14400	9100	SOIL	TILL		1	30	79	5.4	0.4
54735	14400	9150	SOIL	TILL		2	30	80	14	0.4
54736	14400	9200	SOIL	TILL		2	74	42	3.7	0.2
54737	14400	9250	SOIL	TILL		1	30	51	7.1	0.2
54738	14400	9300	SOIL	TILL		5	30	37	6.7	0.3
54739	14400	9350	SOIL	TILL		1	244	24	9.2	0.4
54740	14400	9400	SOIL	TILL		1	30	96	8.5	0.4
54741	14400	9450	SOIL	TILL		1	41	64	7.7	0.4
54742	14400	9500	SOIL	TILL		1	54	32	3.9	0.2
54743	14400	9550	SOIL	TILL		1	30	17	1.5	0.2
54744	14400	9600	SOIL	TILL		1	30	56	10.5	0.3
54745	14400	9650	SOIL	TILL		1	97	75	5	0.2
54746	14400	9700	SOIL	TILL		4	52	67	5.3	0.3
54747	14400	9750	SOIL	TILL		1	34	33	4.2	0.3
54748	14400	9800	SOIL	TILL		1	30	44	3	0.2
54749	14400	9850	SOIL	TILL		1	45	39	1.3	0.2
54750	14400	9900	SOIL	TILL		1	30	26	0.9	0.2
54751	14400	9950	SOIL	TILL		1	30	26	1.5	0.2

SOIL SAMPLE DESCRIPTIONS AND GEOCHEMICAL RESULTS

SAMPLE	EAST	NORTH	TYPE	MATERIAL	REMARKS	Au ppb	Ag ppb	Hg ppb	As ppm	Sb ppm
54752	14400	10000	SOIL	TILL		1	30	42	2	0.2
54753	14600	9600	SOIL	TILL		1	30	87	8.2	0.4
54754	14600	9550	SOIL	TILL		1	30	100	7.3	0.2
54755	14600	9500	SOIL	TILL		1	30	41	3.4	0.3
54756	14600	9450	SOIL	TILL		1	30	64	6.5	0.2
54757	14600	9400	SOIL	TILL		1	30	34	1.4	0.2
54758	14600	9350	SOIL	TILL		1	30	65	4.6	0.3
54759	14600	9300	SOIL	TILL		1	30	45	3.5	0.2
54760	14600	9250	SOIL	TILL		58	30	66	7.2	0.3
54761	14600	9200	SOIL	TILL		1	30	42	3.9	0.2
54762	14600	9150	SOIL	TILL		2	30	104	10.7	0.5
54763	14600	9100	SOIL	TILL		3	30	107	8.6	0.3
54764	14600	9050	SOIL	TILL		5	30	81	10.1	0.4
54765	14600	9000	SOIL	TILL		3	30	20	3.1	0.2
54766	14400	8950	SOIL	TILL		12	30	228	2.4	0.2
54767	14400	8900	SOIL	TILL		2	41	156	1.6	0.2
54768	14400	8850	SOIL	TILL		2	30	212	1.7	0.2
54769	14400	8800	SOIL	TILL		1	30	52	2	0.2
54770	14200	8950	SOIL	TILL		1	39	54	1.9	0.2
54771	14200	8900	SOIL	TILL		1	40	47	2.4	0.3
54772	14200	8850	SOIL	TILL		1	30	236	3.4	0.4
54773	14200	8800	SOIL	TILL		1	36	217	3.6	0.3
54774	14000	8950	SOIL	TILL		1	30	33	2.8	0.2
54775	14000	8900	SOIL	TILL		1	34	47	6.3	0.4
54776	14000	8850	SOIL	TILL		1	30	32	4.3	0.2
54777	14000	8800	SOIL	TILL		1	40	57	5.1	0.5

APPENDIX 2

Analytical Method

ICP: A 30 gram sample is digested with 180 millilitres 3-1-2 HCl-HNO_3-H_2O at 95° Centigrade for one hour and is diluted to 100 millilitres with water. This leach is partial for Mn, Fe, Sr, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K, Ga and Al. Solution is analysed directly by ICP. Mo, Cu, Pb, Zn, Ag, As, Au, Cd, Sb, Bi, Tl, Hg, Se,Te and Ga are extracted with MIBK-aliquat 336 and analysed by ICP.

Au^+: Gold is extracted by aqua-regia/MIBK extract, GF/AA finished.

APPENDIX 3

GEOCHEMICAL CERTIFICATES

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 249 File # 95-1941 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: G. Goodall

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
48977	4.1	3.3	11.1	97.9	83	2	3	550	4.59	94.9	8	3	9	.12	178.8	.5	31	.02	.010	2	4	.01	43	<.01	4	.53	.01	.15	<2	.9	13559	.8	.2	1.6	3
48978	1.8	3.5	5.0	4.7	32	5	1	101	.38	37.2	<5	2	24	.04	169.3	<.1	3	.06	.023	3	5	.01	117	<.01	<2	.46	.01	.11	<2	.2	3787	<.3	<.1	1.2	1
48979	.1	.5	1.5	4.5	<30	<1	1	22	.88	4.8	8	1	22	.08	15105.5	.3	1	.04	.004	1	3	.01	104	<.01	3	.51	.01	.15	<2	.8	1734	2.4	.2	.9	5
48980	1.1	1.8	5.8	23.1	46	2	1	247	.52	9.5	<5	13	3	.01	138.4	.3	6	.02	.005	56	3	.03	8	.01	<2	.21	.05	.12	<2	.1	6500	<.3	<.1	.7	2
48981	2.8	4.4	15.2	19.1	105	4	1	249	.75	5.6	7	7	4	.05	28.2	.1	3	.02	.007	22	7	.01	8	.01	2	.19	.05	.14	<2	.2	316	<.3	.2	.9	<1
48982	6.9	6.7	11.9	49.7	34	2	4	648	3.74	23.4	6	2	7	.05	105.1	.1	10	.13	.094	9	2	.03	32	<.01	8	.55	.03	.19	<2	.3	206	<.3	.3	1.3	<1
48983	1.1	1.5	2.6	75.8	<30	5	<1	1555	2.76	3.9	<5	2	28	.14	4.2	.1	2	.24	.060	16	3	.05	61	<.01	4	.48	.03	.22	<2	<.1	221	<.3	<.1	1.2	2
48984	5.0	7.1	8.8	61.5	<30	1	6	826	3.73	10.6	<5	2	13	.08	5.6	.1	14	.17	.098	12	3	.05	73	<.01	10	.72	.04	.30	<2	.1	216	<.3	.2	2.1	<1
48985	5.3	3.5	4.8	8.5	<30	3	1	115	.64	8.3	6	14	2	<.01	15.4	.1	2	.02	.024	43	5	.01	10	<.01	2	.35	.05	.15	<2	<.1	145	<.3	.1	1.4	1
RE 48985	4.9	4.1	5.1	7.7	<30	3	1	109	.59	8.4	<5	15	2	.02	16.1	.3	2	.01	.022	43	5	.01	8	<.01	2	.34	.05	.14	<2	<.1	142	<.3	.1	1.2	1
RRE 48985	4.9	3.8	3.3	5.8	35	4	<1	86	.52	23.2	<5	15	2	<.01	3.8	.2	2	.01	.020	43	6	.01	8	<.01	3	.34	.06	.15	<2	.1	161	<.3	.3	1.4	3
48986	7.7	9.4	13.1	18.0	148	10	7	209	3.71	3435.5	5	2	24	.06	120.3	.1	3	.07	.009	3	7	.02	20	<.01	5	.41	.01	.22	<2	1.0	7310	<.3	<.1	.8	29
48987	3.4	7.8	4.6	37.6	52	6	8	131	1.50	705.9	5	1	26	.22	128.2	.1	11	.18	.062	6	3	.03	52	<.01	4	.48	.01	.19	<2	.2	536	.3	<.1	.7	12
48988	4.0	6.7	10.4	43.1	102	5	4	403	4.07	4405.0	<5	2	95	.04	146.6	<.1	34	3.02	1.414	26	3	.05	131	<.01	14	1.46	.01	.65	2	.4	1233	2.3	.4	4.7	21
48989	5.5	5.3	5.7	59.7	31	6	1	120	1.87	319.7	<5	1	15	.05	22.8	.2	3	.12	.061	5	5	.03	130	<.01	5	.74	<.01	.27	<2	.2	343	<.3	<.1	1.3	5
48990	1.3	2.3	5.2	33.8	<30	5	<1	72	.75	36.5	<5	11	7	.03	3.4	.1	3	.09	.006	45	4	.03	8	.01	<2	.45	.05	.13	2	.1	35	<.3	<.1	1.4	3
48991	3.9	10.1	3.9	9.4	204	9	2	78	.86	1058.1	<5	1	17	.02	52.5	.1	6	.04	.037	1	9	.01	46	<.01	3	.25	<.01	.11	<2	<.1	215	1.3	<.1	.6	57
48992	6.8	10.4	7.7	18.7	209	6	3	135	1.93	1466.5	<5	1	63	.08	211.2	.1	3	.05	.012	2	5	.02	64	<.01	5	.30	.01	.18	<2	.5	1120	.8	<.1	.9	17
48993	10.5	4.5	8.3	7.9	2011	5	1	49	1.22	3631.4	<5	7	22	.04	58.5	.3	2	.07	.005	53	6	.02	367	<.01	3	.33	.04	.18	<2	<.1	3884	<.3	<.1	<.5	126
51106	1.1	2.2	3.2	14.8	<30	4	<1	175	1.77	19.0	<5	1	18	.06	2.0	.1	1	.06	.009	2	4	.01	46	.01	6	.40	.02	.22	<2	<.1	445	<.3	<.1	.7	6
51107	6.2	3.4	5.9	3.8	36	8	<1	55	.47	33.5	<5	13	3	.01	4.1	.2	2	.01	.007	43	7	.01	11	<.01	<2	.30	.05	.15	<2	.1	82	<.3	.1	.8	4
51108	4.7	2.7	10.3	13.7	51	5	1	33	.41	71.6	<5	1	35	.11	28.6	.2	2	.04	.005	5	4	.01	154	<.01	5	.56	<.01	.17	<2	.2	3336	<.3	.1	1.6	10
51109	1.0	31.0	1.9	52.3	<30	12	13	796	2.96	8.4	<5	2	107	.13	.8	.2	122	1.21	.236	22	10	.12	147	.06	3	1.35	.23	.17	<2	.1	74	<.3	<.1	5.0	5
51110	4.3	11.0	.7	35.9	<30	35	16	449	5.30	5.1	5	1	15	.06	.3	.1	41	.12	.017	3	17	.04	37	.02	<2	.13	.02	.05	<2	<.1	25	.3	<.1	<.5	4
51111	2.1	10.2	.7	31.5	<30	20	6	405	1.91	1.5	<5	1	34	.05	1.9	<.1	27	.23	.031	5	26	.05	56	.03	4	.30	.04	.13	<2	.1	26	<.3	<.1	.7	3
RE 51111	2.0	9.9	1.1	30.6	<30	19	6	392	1.82	2.2	<5	<1	33	.06	1.9	.1	26	.22	.030	6	26	.05	58	.03	2	.28	.04	.12	<2	<.1	17	<.3	<.1	.7	4
RRE 51111	2.9	8.6	.8	29.0	<30	21	6	382	1.75	3.1	8	1	32	.05	<.2	.1	25	.22	.029	5	27	.05	57	.03	<2	.25	.04	.12	<2	<.1	<5	<.3	<.1	.6	5
51112	1.3	20.8	1.5	69.0	<30	32	13	689	3.48	2.2	<5	3	85	.11	<.2	.1	77	.65	.107	20	59	.15	157	.05	<2	.87	.11	.23	<2	<.1	13	<.3	<.1	2.4	4
51113	.8	18.2	.8	89.6	<30	28	22	857	7.66	4.2	<5	2	124	.15	<.2	.1	94	.97	.170	19	10	.12	220	.03	6	1.42	.18	.15	<2	<.1	35	.3	<.1	3.6	4
51114	4.7	26.9	1.3	50.9	<30	21	19	673	3.86	19.8	<5	2	76	.14	<.2	.1	119	.77	.149	16	9	.09	115	.09	6	.77	.14	.14	<2	.5	74	<.3	<.1	3.7	7
51115	2.2	4.8	4.7	63.5	<30	20	9	971	3.60	2.3	<5	4	6	.08	.3	.1	11	.03	.011	30	8	.01	43	.03	<2	.15	.04	.12	<2	.2	21	<.3	.1	<.5	3
51116	1.0	16.4	3.1	82.7	<30	12	13	879	4.46	2.2	6	5	65	.08	.2	.2	84	.74	.216	34	3	.09	113	.05	2	.79	.11	.12	<2	.2	21	.5	<.1	2.6	3
51117	2.3	4.2	5.1	19.5	<30	8	1	132	.67	1.1	8	6	3	.01	<.2	<.1	7	.02	.014	30	8	.01	13	.05	5	.29	.08	.15	<2	<.1	7	<.3	<.1	<.5	3
51118	1.2	13.6	3.2	67.5	<30	13	10	659	3.74	6.4	<5	5	66	.07	<.2	<.1	81	.77	.207	33	3	.08	109	.07	5	.76	.11	.11	<2	<.1	16	<.3	<.1	2.1	2
STANDARD D/AU-R	24.5	114.4	81.0	261.0	1863	28	14	1012	4.36	71.8	22	18	56	2.25	9.5	19.6	65	.73	.092	18	49	1.18	227	.15	22	2.31	.04	.70	15	2.1	453	1.0	2.4	6.9	509

ICP - 30 GRAM SAMPLE IS DIGESTED WITH 180 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 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 GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.
- SAMPLE TYPE: P1 TO P2 ROCK P3 TO P11 SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 23 1995 DATE REPORT MAILED: July 10/95 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51119	1.5	2.2	5.6	37.8	<30	3	1	98	.87	1.0	<5	8	3	.05	1.0	<.1	5	.02	.010	55	4	.01	3	.01	2	.13	.05	.08	<2	<.1	13	.5	.1	1.1	2
51120	1.9	1.4	13.8	23.6	40	4	1	79	.25	1.8	<5	10	3	.06	.7	.3	3	.01	.007	65	6	.01	4	.02	<2	.15	.05	.10	<2	<.1	<5	<.3	<.1	.8	1
51121	3.3	1.4	7.6	20.7	<30	4	1	590	.43	1.9	<5	12	4	.12	3.7	.3	3	.02	.009	63	5	.01	10	.01	<2	.15	.05	.10	<2	<.1	17	<.3	<.1	1.5	1
51501	1.4	.6	21.0	58.4	<30	2	<1	450	.67	<.5	<5	14	3	.01	<.2	<.1	4	.01	.016	74	4	.01	14	.01	<2	.18	.05	.09	<2	<.1	16	<.3	<.1	<.5	1
51502	2.5	.5	16.9	6.9	<30	4	1	69	.58	29.7	<5	<1	35	<.01	288.5	<.1	1	.03	.010	3	4	.02	168	<.01	3	.58	.01	.18	<2	.1	3266	<.3	<.1	2.1	3
51503	7.1	1.2	29.1	3.8	<30	3	1	24	1.22	572.5	<5	1	34	.02	66.9	.2	2	.10	.085	5	2	.01	77	<.01	4	.49	<.01	.22	<2	.2	3779	<.3	<.1	<.5	2
51504	.6	<.1	1.8	32.3	36	3	<1	549	2.48	18.3	<5	<1	21	.05	4.2	.3	2	.09	.028	3	3	.03	76	<.01	3	.31	.05	.18	<2	<.1	14013	<.3	.2	1.2	1
51505	1.3	.5	2.5	44.3	41	2	1	1043	3.03	14.5	<5	<1	36	.12	8.1	.5	2	.13	.063	9	4	.02	74	<.01	3	.36	.05	.16	<2	<.1	10987	<.3	<.1	1.3	1
51506	3.2	1.5	8.5	26.7	86	5	<1	212	.77	28.0	<5	11	4	.04	2.2	.2	3	.06	.009	47	5	.04	15	.02	<2	.33	.08	.18	<2	.2	160	<.3	<.1	2.1	2
RE 51506	3.2	1.4	7.8	26.6	<30	5	<1	201	.73	22.4	<5	11	4	.05	1.6	.3	3	.06	.008	46	5	.03	15	.02	<2	.31	.08	.17	<2	.1	146	<.3	<.1	.6	1
RRE 51506	3.4	2.0	10.9	27.3	50	2	1	211	.74	6.1	<5	11	4	.05	2.0	.3	2	.05	.004	48	4	.03	14	.02	2	.29	.07	.16	<2	<.1	154	<.3	<.1	2.0	1
51507	9.0	2.4	9.4	12.8	136	7	<1	125	.70	70.0	<5	9	6	.07	3.3	.5	2	.08	.003	27	7	.04	12	.01	<2	.30	.05	.12	<2	.2	314	.9	<.1	2.2	5
51508	4.9	2.6	7.7	14.9	40	5	<1	127	.57	9.5	<5	8	3	.05	1.4	.3	2	.05	.005	28	7	.02	8	.01	<2	.23	.05	.11	<2	<.1	113	<.3	<.1	1.0	1
51509	5.7	1.2	13.8	9.7	105	2	<1	95	.64	46.8	<5	8	23	.07	3.1	.1	1	.27	.003	47	3	.02	46	.01	<2	.50	.64	.28	<2	.3	153	<.3	.6	2.9	2
51689	14.0	3.3	7.4	13.5	128	4	<1	132	.33	14.7	<5	10	3	.16	1.5	.2	4	.02	.009	67	5	.02	9	.01	<2	.17	.06	.12	<2	.4	87	<.3	.4	2.9	2
51690	1.7	1.8	15.5	34.3	91	2	<1	1522	1.11	2.3	<5	12	3	.10	.9	.1	6	.02	.010	70	5	.02	46	.02	<2	.18	.06	.12	<2	.3	63	<.3	.2	1.4	1
STANDARD	26.2	120.1	83.2	255.6	1870	31	14	1051	4.50	77.8	13	19	53	2.23	9.5	17.4	64	.70	.091	18	48	1.23	232	.12	27	2.25	.05	.71	14	1.5	454	.8	2.3	6.5	525

Standard is STANDARD D/AU-R. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51287	.4	19.0	5.4	98.5	244	22	7	828	2.89	1.3	<5	3	59	.18	.9	.1	36	.77	.030	26	26	.27	103	.07	<2	1.63	.03	.09	<2	.1	103	<.3	.1	5.4	<1
51288	.7	6.2	4.4	32.3	<30	9	4	236	1.86	1.6	5	2	23	.03	.6	.1	37	.22	.022	10	22	.14	71	.09	2	1.08	.01	.07	<2	.1	62	<.3	<.1	4.5	<1
51289	.2	1.6	1.8	26.6	136	5	3	131	1.78	.6	<5	2	16	.01	.2	<.1	32	.22	.016	10	17	.11	55	.07	<2	1.05	.02	.04	<2	.1	49	<.3	.1	1.6	<1
51290	.8	6.9	5.8	29.3	<30	8	5	189	2.32	6.1	5	2	31	.05	1.2	.2	39	.31	.036	15	19	.17	59	.07	<2	1.00	.02	.08	<2	<.1	90	<.3	<.1	3.9	<1
51291	.4	6.3	4.9	34.5	46	5	4	150	2.32	2.0	<5	1	49	.05	.9	.1	29	.62	.030	15	18	.27	57	.06	<2	1.08	.03	.08	<2	.1	89	.3	<.1	3.3	<1
51292	.5	4.1	184.0	33.5	<30	9	5	208	2.24	1.8	6	3	28	.02	.2	.2	41	.29	.035	13	20	.17	75	.09	4	.98	.02	.09	<2	<.1	30	<.3	<.1	1.5	<1
51293	.7	5.8	4.9	26.8	31	9	3	150	1.54	2.6	<5	1	26	.03	.3	.1	27	.26	.022	11	16	.13	80	.07	<2	1.18	.02	.04	<2	<.1	<5	<.3	.2	5.0	1
51294	.2	1.8	1.5	69.1	116	16	6	567	2.01	1.1	6	2	19	.01	<.2	<.1	38	.18	.051	9	21	.14	126	.08	5	1.84	.01	.05	<2	<.1	28	<.3	.1	1.7	1
51295	.3	2.0	1.9	155.4	130	12	5	512	1.88	.7	<5	3	13	.02	<.2	.1	38	.15	.051	10	21	.13	103	.08	3	1.51	.02	.05	<2	<.1	19	<.3	.1	1.9	1
51296	.7	7.0	7.0	37.1	218	8	4	401	1.89	6.6	<5	3	28	.04	.6	.2	34	.34	.050	19	14	.23	61	.07	2	.96	.05	.10	<2	.3	198	<.3	<.1	3.6	4
51297	.3	1.8	2.4	46.4	125	8	4	226	1.85	2.2	<5	3	14	.01	.2	.1	34	.15	.056	13	13	.12	65	.06	3	1.33	.01	.05	<2	<.1	66	<.3	<.1	1.9	3
51298	.2	1.7	2.3	26.0	164	3	2	232	1.07	.7	<5	3	17	.01	<.2	<.1	18	.20	.024	12	10	.11	48	.07	2	.81	.04	.06	<2	.2	23	<.3	<.1	.8	2
51299	.2	1.3	2.1	17.1	182	2	1	63	.78	.6	<5	3	12	<.01	<.2	.1	11	.10	.016	11	6	.06	38	.05	2	.86	.02	.07	<2	<.1	16	<.3	<.1	1.1	8
RE 51299	.2	1.4	2.2	17.5	220	2	1	65	.78	.9	<5	3	12	<.01	<.2	.1	11	.10	.016	11	6	.06	38	.05	2	.85	.02	.07	<2	.1	31	<.3	<.1	1.0	1
51300	.2	1.2	2.1	15.1	595	3	1	53	.64	1.1	<5	3	11	.01	<.2	<.1	10	.10	.005	11	5	.05	27	.04	3	.67	.03	.07	<2	.2	25	<.3	.1	.8	<1
51335	.4	4.8	4.2	61.0	<30	9	4	305	1.68	1.3	<5	2	28	.02	.2	.1	35	.23	.027	11	20	.12	79	.09	<2	1.15	.02	.04	<2	<.1	68	<.3	<.1	3.4	<1
51336	.4	4.9	3.8	135.1	<30	9	4	155	1.49	.6	<5	2	26	.03	.2	<.1	29	.23	.047	9	19	.13	81	.09	<2	1.07	.01	.05	<2	<.1	42	<.3	<.1	3.8	<1
51337	.8	7.3	4.8	158.4	<30	12	4	374	1.78	<.5	<5	2	36	.07	.2	.1	37	.33	.046	11	25	.14	92	.11	2	1.17	.02	.07	<2	.1	<5	<.3	<.1	4.4	1
51338	.4	7.4	4.5	54.0	<30	9	2	244	1.72	1.4	<5	3	30	.02	<.2	.1	36	.27	.016	14	22	.14	92	.09	3	1.39	.02	.05	<2	<.1	9	.4	<.1	3.3	2
51339	.4	9.8	3.8	55.7	<30	11	7	447	2.66	1.1	<5	3	36	.03	.2	.1	60	.27	.027	17	24	.15	114	.09	<2	1.94	.02	.05	<2	.1	26	<.3	<.1	4.6	<1
51340	.4	8.9	4.6	52.9	<30	9	5	460	1.94	2.0	<5	3	39	.03	.2	.1	40	.31	.023	17	21	.15	87	.09	2	1.49	.02	.06	<2	<.1	51	<.3	.1	4.4	1
51341	.8	12.5	5.2	85.0	<30	18	11	904	2.91	2.7	<5	3	62	.07	<.2	.2	51	.41	.049	21	33	.17	123	.08	3	1.73	.02	.09	<2	.1	72	<.3	<.1	4.5	<1
51342	.7	16.5	3.0	161.5	<30	11	7	258	4.00	2.3	<5	2	69	.09	.2	.1	88	.60	.107	11	16	.14	122	.08	3	1.20	.04	.12	<2	.1	71	<.3	.1	4.9	1
51343	.6	8.5	5.2	52.3	<30	6	3	189	1.73	2.2	<5	2	34	.04	.4	.2	34	.35	.018	15	17	.18	52	.10	2	.90	.02	.08	<2	.1	47	<.3	.2	3.5	<1
51344	.7	6.8	5.6	114.6	<30	8	5	348	1.59	1.1	<5	2	32	.06	.2	.1	35	.30	.056	11	20	.14	91	.08	7	1.09	.01	.10	<2	.1	128	<.3	.2	4.5	<1
51345	.9	5.1	4.6	120.6	<30	8	6	699	1.60	.8	<5	1	31	.10	.3	.1	30	.35	.112	10	17	.14	155	.06	2	1.12	.01	.10	<2	<.1	144	<.3	.3	4.9	<1
51346	.3	1.9	2.1	89.5	75	10	5	340	1.79	1.2	<5	2	22	.01	<.2	.1	37	.25	.087	10	16	.15	89	.07	<2	1.25	.01	.07	<2	<.1	27	<.3	<.1	1.6	1
51347	.7	5.5	5.6	106.7	<30	10	5	373	1.63	1.9	<5	2	26	.04	.3	.1	36	.25	.048	10	15	.14	130	.08	<2	1.42	.01	.07	<2	<.1	<5	<.3	<.1	5.5	1
51348	.9	34.0	4.3	206.3	38	30	28	1934	6.52	2.6	<5	2	58	.31	.2	.1	173	.46	.105	19	15	.22	219	.07	<2	3.08	.02	.09	<2	.1	139	<.3	.3	10.7	1
51349	.7	16.5	3.9	269.2	<30	24	16	1626	5.39	.9	<5	3	45	.24	<.2	.1	128	.33	.104	15	15	.17	207	.08	3	3.02	.02	.09	<2	<.1	43	<.3	.2	9.9	3
51350	1.1	4.9	4.1	114.9	<30	15	6	268	1.97	1.4	<5	2	28	.07	.3	<.1	37	.24	.043	11	17	.17	101	.06	<2	1.35	.01	.07	<2	<.1	205	<.3	.2	3.8	<1
51351	1.0	8.1	8.4	116.3	38	10	9	1557	2.09	2.3	<5	2	67	.19	<.2	.1	36	.69	.056	23	12	.22	241	.06	2	1.41	.01	.17	<2	.1	154	<.3	.4	4.4	1
51352	.6	9.3	4.8	60.0	<30	13	6	209	2.33	1.4	<5	1	32	.04	<.2	.2	46	.26	.029	10	27	.18	87	.07	<2	1.67	.02	.07	<2	<.1	145	<.3	.1	5.4	7
51353	.5	7.1	4.3	187.9	<30	12	5	267	1.97	.9	<5	2	36	.06	<.2	.1	38	.29	.070	9	25	.14	122	.08	<2	1.54	.02	.06	<2	<.1	94	<.3	.3	5.5	<1
STANDARD D/AU-S	22.8	111.5	85.8	242.9	1898	30	13	952	4.06	73.3	18	17	50	2.26	9.9	21.0	59	.65	.087	17	44	1.09	216	.12	23	2.29	.04	.65	19	2.1	462	1.1	2.4	6.2	52

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51354	.8	9.9	3.8	102.8	<30	10	5	430	2.24	1.8	<5	2	39	.04	.2	.2	45	.31	.051	9	26	.14	202	.08	2	1.51	.02	.08	<2	.1	148	.4	<.1	4.4	<1
51355	.5	15.7	6.1	55.0	64	13	7	377	2.51	7.5	6	3	57	.05	.4	<.1	51	.48	.050	17	22	.23	77	.10	2	1.04	.04	.09	<2	.1	82	<.3	.1	3.2	<1
51356	.5	46.5	9.4	101.9	404	44	15	1181	4.99	8.4	15	3	95	.14	.3	.1	60	.86	.125	56	43	.50	184	.04	<2	4.43	.02	.22	<2	.2	83	<.3	<.1	10.0	2
51357	.8	8.0	4.7	145.7	<30	12	6	362	1.93	<.5	7	1	31	.06	.2	<.1	38	.22	.064	9	26	.13	143	.08	<2	1.39	.02	.07	<2	<.1	45	.4	.2	4.9	<1
51358	.4	13.5	4.6	40.1	<30	8	5	165	2.32	3.6	<5	3	36	.02	.2	<.1	48	.28	.020	15	23	.18	63	.10	<2	.92	.03	.09	<2	<.1	29	<.3	<.1	2.7	<1
51359	.9	16.0	5.8	95.0	98	14	7	651	3.15	3.0	<5	1	69	.10	.2	.1	55	.53	.085	11	27	.19	128	.07	2	1.58	.02	.08	<2	.1	49	<.3	.2	4.3	<1
51360	.5	18.9	4.0	52.0	<30	16	7	229	2.99	4.8	6	3	48	.03	.2	<.1	55	.36	.040	19	24	.21	85	.07	3	1.41	.03	.07	<2	.1	75	<.3	<.1	3.5	<1
51361	.4	4.2	3.2	62.7	<30	13	6	353	1.98	1.5	6	2	25	.01	<.2	.1	41	.22	.083	10	20	.13	83	.09	<2	1.55	.01	.05	<2	<.1	16	<.3	.1	1.6	<1
51362	.5	9.1	5.1	49.9	39	8	4	207	2.11	3.2	6	2	23	.03	.3	<.1	44	.21	.058	11	19	.14	70	.09	4	1.07	.02	.05	<2	.1	32	<.3	.1	3.9	<1
51363	.5	8.2	5.5	37.9	<30	6	3	151	2.00	3.9	<5	2	24	.02	<.2	.2	45	.22	.040	12	18	.17	69	.09	7	1.00	.02	.04	<2	.1	32	<.3	<.1	2.4	<1
51364	.4	11.7	4.5	68.2	69	9	5	179	2.30	1.1	<5	1	32	.05	.4	<.1	39	.30	.041	8	32	.17	102	.09	<2	1.59	.02	.07	<2	.1	22	<.3	.1	4.2	<1
51365	.5	12.5	5.1	97.5	49	18	7	631	2.85	1.8	<5	1	49	.09	.6	.1	51	.46	.071	12	38	.19	134	.07	<2	1.80	.02	.14	<2	<.1	31	<.3	<.1	4.3	<1
51366	.6	8.2	4.7	56.3	<30	9	6	576	2.13	2.2	<5	2	26	.07	.7	<.1	45	.26	.028	11	24	.15	91	.10	23	1.02	.02	.10	<2	.1	24	<.3	<.1	3.1	<1
51367	.8	9.8	5.5	69.4	39	13	7	520	2.17	<.5	<5	1	33	.06	.4	<.1	45	.30	.033	11	28	.15	130	.11	10	1.33	.02	.12	<2	.1	30	<.3	<.1	4.4	1
51368	.8	9.0	4.3	62.2	30	9	5	129	2.29	.8	<5	2	25	.03	.2	.1	42	.24	.058	8	28	.13	90	.08	<2	1.64	.02	.05	<2	.1	31	<.3	<.1	5.0	<1
51369	.7	11.7	6.8	124.6	31	8	8	773	2.45	1.3	<5	2	52	.17	.4	.2	43	.53	.056	12	27	.18	111	.08	<2	1.27	.02	.15	<2	.1	50	<.3	<.1	3.6	1
51370	.5	11.2	5.0	200.0	57	11	8	457	2.33	.7	<5	2	40	.14	.4	<.1	42	.36	.113	11	24	.17	126	.08	14	1.46	.02	.08	<2	.1	35	<.3	<.1	4.4	1
51371	.7	8.5	3.7	48.2	42	14	9	1181	3.51	3.8	<5	1	69	.07	<.2	<.1	48	.89	.090	25	30	.28	90	.05	3	1.32	.03	.10	<2	.2	89	<.3	<.1	2.7	<1
RE 51371	.7	9.1	4.1	47.0	71	16	10	1196	3.54	4.3	5	1	70	.08	.3	.1	48	.91	.092	26	29	.28	85	.05	2	1.33	.03	.11	<2	.1	84	.3	<.1	3.0	1
51372	.8	8.9	5.8	129.8	<30	10	8	504	2.29	2.2	<5	2	29	.06	.2	.1	45	.24	.065	12	21	.16	126	.08	<2	1.29	.02	.07	<2	<.1	47	<.3	<.1	3.8	2
51373	.7	5.9	8.5	83.1	32	6	4	292	1.65	1.8	<5	2	19	.03	<.2	<.1	34	.17	.069	12	13	.12	111	.08	<2	1.25	.01	.06	<2	<.1	30	<.3	<.1	4.3	<1
51374	.5	4.4	4.5	125.6	34	2	4	738	1.30	.6	<5	1	21	.02	<.2	.1	31	.19	.043	11	14	.09	96	.09	5	.97	.01	.06	<2	<.1	26	<.3	.1	1.9	<1
51375	.3	27.5	5.9	116.2	<30	38	17	832	5.61	.6	8	2	53	.13	<.2	.1	79	.64	.148	35	81	.26	77	.07	3	1.05	.03	.05	<2	<.1	54	<.3	<.1	2.3	2
51376	.5	6.8	8.4	132.1	32	8	6	415	1.83	1.3	<5	2	23	.10	<.2	.1	39	.22	.069	11	19	.12	108	.09	9	1.14	.01	.07	<2	<.1	14	<.3	.1	3.5	1
51377	.7	8.1	5.4	46.8	<30	8	6	392	2.23	3.5	<5	1	40	.06	<.2	.1	44	.44	.019	10	19	.25	85	.09	3	1.29	.02	.07	<2	.1	57	<.3	<.1	3.5	1
51378	.6	6.4	5.6	77.9	<30	12	5	622	1.81	1.4	<5	2	19	.06	.2	<.1	39	.22	.050	11	17	.15	102	.09	2	1.15	.01	.06	<2	<.1	52	<.3	<.1	3.8	1
51379	.5	6.2	4.9	50.2	41	9	4	250	1.88	3.7	<5	2	17	.03	.3	.1	41	.18	.050	9	16	.16	97	.09	2	1.24	.01	.04	<2	.1	41	<.3	.2	3.6	<1
51380	.6	6.5	7.0	79.4	<30	12	6	299	1.99	1.7	<5	2	18	.04	.3	<.1	41	.20	.075	11	17	.19	94	.09	2	1.42	.01	.05	<2	<.1	22	<.3	<.1	5.0	1
51381	.7	11.9	3.8	84.1	<30	21	9	357	3.22	1.4	<5	2	31	.04	<.2	.1	60	.22	.045	14	45	.18	129	.07	2	2.50	.02	.05	<2	.1	48	<.3	<.1	5.2	<1
51382	6.1	17.9	3.1	46.3	114	41	30	12764	5.86	10.9	<5	1	303	.46	.3	.1	65	3.77	.190	26	16	.50	469	.01	4	1.54	.05	.20	<2	.7	292	.4	<.1	2.4	1
51383	.5	19.9	4.5	63.2	67	18	9	676	3.12	4.2	5	3	55	.05	.2	.1	56	.53	.060	22	28	.26	82	.08	<2	1.31	.04	.06	<2	.1	102	<.3	<.1	3.2	1
51384	1.2	7.8	5.9	104.4	<30	18	9	445	2.73	2.2	<5	2	25	.05	<.2	<.1	59	.19	.036	11	28	.17	144	.10	<2	2.79	.01	.05	<2	.1	35	<.3	<.1	6.1	<1
51385	1.0	5.8	4.9	130.3	<30	12	7	936	1.87	1.2	<5	1	30	.06	<.2	<.1	40	.25	.048	10	21	.14	128	.08	2	1.64	.01	.05	<2	<.1	38	<.3	<.1	3.8	<1
51386	.5	6.8	4.8	47.1	<30	10	5	278	1.92	2.4	<5	2	22	.02	<.2	.2	41	.21	.041	11	17	.16	81	.08	5	1.40	.02	.04	<2	<.1	31	<.3	<.1	2.6	<1
STANDARD	22.8	141.4	89.0	272.7	1958	28	15	957	4.51	75.0	21	19	53	2.36	10.7	20.9	66	.70	.088	17	49	1.22	240	.14	26	2.34	.05	.74	18	1.8	445	.9	2.2	6.7	47

Standard is STANDARD D/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51387	.9	7.0	7.9	79.2	47	15	6	912	2.16	3.0	<5	2	21	.06	<.2	.1	45	.23	.051	10	17	.22	70	.10	<2	1.58	.01	.06	<2	.1	82	<.3	.1	4.0	<1
51388	.3	3.7	5.0	50.3	<30	5	3	271	1.57	.8	<5	2	29	.03	<.2	.1	35	.28	.016	14	13	.19	58	.11	<2	.96	.01	.04	<2	<.1	47	<.3	.2	1.8	1
51389	.7	6.1	4.9	76.3	<30	13	6	876	2.15	2.1	<5	3	21	.05	<.2	.1	47	.18	.033	10	22	.14	117	.09	2	1.82	.01	.05	<2	<.1	45	.3	.1	3.4	1
51390	.5	4.4	4.1	47.2	<30	11	3	341	1.45	.8	<5	2	26	.03	<.2	.1	32	.22	.018	10	16	.13	73	.10	<2	.89	.01	.06	<2	<.1	55	<.3	.1	1.8	<1
51391	.6	4.8	3.1	67.8	<30	12	5	377	1.83	.5	<5	2	27	.03	<.2	<.1	40	.22	.042	10	21	.13	113	.09	<2	1.00	.02	.09	<2	<.1	52	<.3	.1	1.8	<1
51392	.4	5.9	3.5	80.2	<30	10	4	340	1.84	1.0	<5	3	34	.06	<.2	.1	37	.31	.042	10	21	.14	86	.08	2	.92	.02	.09	<2	.1	54	<.3	.1	2.0	<1
51393	.5	9.7	3.0	101.7	<30	16	5	402	2.41	.5	<5	2	49	.06	<.2	<.1	45	.32	.047	10	32	.13	124	.09	2	1.61	.03	.09	<2	<.1	51	<.3	<.1	2.8	1
51394	.6	3.6	6.1	76.7	<30	5	2	355	1.04	1.8	<5	4	12	.05	<.2	.1	17	.11	.061	13	8	.07	54	.07	<2	1.26	.01	.07	<2	<.1	23	<.3	.1	2.5	<1
RE 51394	.5	3.6	6.5	80.3	<30	4	2	382	1.10	1.4	<5	4	12	.05	<.2	<.1	17	.11	.068	14	8	.07	57	.07	<2	1.33	.01	.08	<2	<.1	32	<.3	.1	2.6	2
51395	.7	3.3	6.4	87.9	<30	7	3	301	1.47	3.9	<5	4	16	.06	<.2	<.1	27	.14	.032	16	12	.12	74	.10	<2	1.27	.01	.05	<2	.1	24	<.3	<.1	1.9	<1
51396	.8	2.8	8.3	73.2	<30	4	1	140	1.11	2.4	<5	4	12	.07	<.2	.1	21	.12	.037	20	8	.08	48	.08	43	.88	.01	.05	<2	<.1	39	.3	<.1	3.1	2
51397	.4	6.6	9.0	66.9	35	6	2	137	1.97	2.4	<5	5	36	.03	<.2	.1	21	.34	.018	23	14	.19	57	.07	20	1.19	.03	.13	<2	<.1	66	<.3	<.1	2.3	<1
51398	.4	3.6	5.6	27.9	34	5	3	250	1.50	2.5	<5	5	25	.02	<.2	.1	30	.19	.016	16	13	.11	72	.11	<2	.87	.02	.08	<2	.1	33	<.3	.1	2.3	<1
51399	.8	7.0	6.1	40.9	33	9	3	172	1.88	7.0	<5	4	17	.03	.2	<.1	34	.18	.067	15	13	.12	85	.07	<2	1.03	.01	.07	<2	<.1	66	<.3	.1	2.6	2
51400	.6	3.3	4.7	69.4	<30	6	3	719	1.18	1.8	<5	3	15	.03	<.2	.1	25	.16	.030	12	9	.09	81	.07	2	.88	.01	.06	<2	<.1	27	<.3	<.1	2.3	<1
51460	.4	6.0	4.7	111.4	<30	15	5	226	1.78	1.7	<5	3	27	.03	<.2	<.1	36	.25	.072	12	17	.16	97	.10	59	1.45	.02	.05	<2	<.1	49	<.3	<.1	3.1	1
51461	.5	7.4	4.9	88.6	<30	14	4	373	1.83	1.0	<5	3	34	.04	<.2	<.1	38	.27	.044	11	23	.13	97	.10	<2	1.49	.02	.05	<2	<.1	37	<.3	.1	3.5	1
51462	.5	5.8	4.7	85.8	<30	14	4	234	1.55	1.5	<5	2	27	.03	<.2	.1	33	.21	.041	10	16	.14	100	.10	2	1.37	.02	.04	<2	<.1	32	<.3	<.1	3.2	2
51463	.6	8.0	4.6	122.3	<30	18	5	423	1.91	1.2	<5	2	31	.05	<.2	<.1	38	.27	.086	11	22	.14	112	.09	3	1.65	.02	.06	<2	.1	42	<.3	<.1	3.7	2
51464	.6	8.0	4.5	54.5	<30	9	4	256	2.23	2.8	<5	3	28	.02	<.2	<.1	44	.25	.040	12	21	.15	70	.10	<2	1.29	.02	.06	<2	<.1	59	<.3	.1	2.7	1
51465	.7	14.0	5.7	99.5	<30	17	11	820	2.76	1.7	<5	3	41	.07	<.2	<.1	55	.31	.048	15	22	.21	176	.08	<2	2.59	.02	.05	<2	<.1	83	.3	.1	5.1	1
51466	.5	7.6	4.2	68.7	<30	14	6	188	2.10	1.7	<5	2	30	.03	<.2	<.1	42	.27	.052	11	22	.15	85	.09	<2	1.55	.02	.04	<2	<.1	42	<.3	<.1	3.5	2
51467	.8	6.0	5.1	51.7	<30	9	3	396	1.49	1.4	<5	2	37	.06	<.2	<.1	32	.38	.039	11	15	.14	81	.09	<2	.94	.01	.09	<2	<.1	77	<.3	.1	3.3	1
51468	.4	5.9	5.2	57.7	<30	9	4	183	1.35	1.9	<5	3	28	.02	<.2	.1	31	.24	.016	11	12	.16	98	.09	<2	1.19	.02	.06	<2	<.1	34	<.3	.1	3.2	2
51469	.7	9.0	4.9	202.5	39	16	6	551	1.93	1.0	<5	2	51	.09	<.2	<.1	44	.40	.055	17	17	.23	120	.09	19	1.86	.02	.06	<2	.1	64	<.3	<.1	4.5	1
51470	.5	6.5	3.9	89.8	34	8	4	300	1.45	.7	<5	2	38	.04	<.2	<.1	34	.30	.033	10	16	.14	84	.08	<2	1.05	.02	.06	<2	<.1	50	<.3	.1	3.3	1
51471	1.4	20.3	6.4	231.7	77	31	28	2509	5.60	3.2	<5	4	83	.26	<.2	<.1	88	.49	.130	32	17	.25	312	.06	<2	3.45	.02	.08	<2	.1	103	<.3	<.1	7.0	2
51472	.7	7.8	4.2	87.4	39	6	4	260	1.72	<.5	7	2	28	.05	<.2	<.1	37	.26	.032	12	14	.14	88	.08	2	1.17	.02	.08	<2	<.1	36	<.3	.1	3.4	16
51473	.8	8.7	5.0	112.4	34	19	8	485	2.32	1.4	<5	3	43	.05	<.2	<.1	42	.30	.126	14	18	.15	156	.07	<2	1.86	.02	.07	<2	<.1	48	<.3	.1	5.0	1
51474	.6	6.3	5.6	97.4	<30	10	5	454	1.52	1.0	<5	3	27	.04	<.2	<.1	33	.24	.039	12	14	.16	137	.08	2	1.38	.01	.05	<2	<.1	43	<.3	<.1	3.9	2
51475	.8	5.6	8.9	176.9	38	8	4	662	1.59	1.5	<5	2	23	.08	<.2	<.1	33	.21	.036	15	14	.12	162	.07	<2	1.16	.02	.05	<2	<.1	80	<.3	<.1	3.5	1
51476	1.4	13.6	5.8	115.2	89	19	8	1292	2.47	2.9	6	3	68	.36	.2	<.1	41	.57	.117	18	21	.21	154	.07	30	1.65	.02	.10	<2	<.1	88	<.3	.1	4.2	1
51477	.5	19.8	5.0	87.1	62	14	5	420	2.30	2.3	5	3	46	.05	<.2	<.1	42	.39	.031	14	19	.26	89	.09	5	1.20	.02	.09	<2	<.1	56	.3	.1	3.4	1
51478	.4	8.9	5.1	48.1	<30	5	3	138	1.77	2.4	7	3	28	.03	<.2	<.1	34	.26	.028	13	14	.20	95	.09	2	1.01	.02	.04	<2	<.1	40	<.3	<.1	2.6	1
STANDARD D/AU-S	23.2	126.1	84.3	251.2	1876	30	13	968	4.36	74.9	18	20	55	2.24	9.1	20.2	64	.69	.094	18	49	1.18	235	.14	27	2.27	.05	.73	19	2.1	457	.9	1.8	6.5	52

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51479	.6	10.3	6.1	62.9	60	7	4	146	1.94	1.9	<5	2	38	.04	<.2	<.1	35	.24	.036	11	20	.16	106	.10	2	1.55	.01	.06	<2	.2	33	.3	<.1	4.8	<1
51480	1.5	19.4	4.2	182.9	172	13	9	275	2.97	<.5	<5	2	34	.07	<.2	<.1	63	.21	.128	9	64	.14	153	.07	<2	2.18	.02	.08	<2	.1	63	.5	.4	6.7	1
51481	.7	2.9	2.7	29.2	38	1	<1	82	.70	2.1	<5	3	9	<.01	.2	.2	10	.07	.010	15	5	.04	29	.05	<2	.81	.01	.08	2	.1	20	.3	.1	1.0	1
51482	.4	2.6	5.0	55.5	<30	3	1	72	.90	1.2	<5	<1	10	<.01	<.2	.1	9	.07	.026	14	6	.05	37	.03	2	1.08	.01	.07	<2	.1	19	.3	<.1	1.4	1
51483	.7	2.0	4.5	28.6	38	1	<1	50	.66	1.3	<5	2	7	<.01	<.2	.1	7	.06	.007	12	4	.04	25	.04	2	.89	.01	.06	<2	.1	11	.4	<.1	1.1	2
51484	.6	2.6	3.0	29.8	<30	2	1	97	.76	1.7	<5	2	10	<.01	<.2	.1	7	.08	.017	14	4	.05	29	.03	2	1.07	.02	.08	<2	.1	17	<.3	<.1	1.0	2
51485	.4	2.1	4.0	26.5	<30	1	<1	50	.67	1.4	<5	2	7	<.01	<.2	.1	7	.05	.015	11	3	.04	31	.03	2	.69	.01	.06	<2	.1	21	.4	.1	1.0	<1
51486	1.1	3.8	5.7	53.9	<30	1	1	324	.44	1.3	<5	2	9	.02	<.2	.1	5	.10	.020	11	3	.03	55	.04	<2	1.00	.01	.08	<2	.1	13	<.3	<.1	1.6	1
51487	.5	1.4	4.2	31.0	<30	<1	<1	22	.25	.8	<5	2	2	<.01	<.2	.1	2	.02	.013	10	1	.02	11	.02	<2	.93	.01	.05	<2	<.1	<5	<.3	<.1	1.0	1
51488	.4	2.2	5.1	38.7	43	1	<1	60	.46	.8	<5	3	8	<.01	<.2	.1	6	.08	.007	12	3	.04	15	.03	5	.70	.01	.07	<2	.1	8	<.3	<.1	1.0	1
51489	.7	3.8	7.4	73.3	<30	1	1	325	.66	.9	<5	2	12	.02	<.2	<.1	7	.13	.032	18	5	.06	63	.04	3	1.86	.01	.10	<2	.1	18	.3	.1	2.1	<1
51490	.6	3.2	6.8	46.1	<30	1	1	382	.59	1.0	<5	3	15	.02	<.2	.1	6	.15	.013	20	4	.05	49	.03	<2	1.27	.01	.10	<2	<.1	21	<.3	<.1	1.6	1
51491	.3	1.0	2.6	12.1	<30	<1	<1	17	.19	<.5	<5	1	2	<.01	<.2	<.1	2	.02	.006	5	1	.01	19	.02	<2	.59	.01	.04	<2	.1	6	<.3	<.1	.5	<1
51492	.5	2.4	3.8	29.7	<30	<1	<1	102	.45	1.0	<5	2	5	<.01	<.2	.1	5	.04	.011	10	3	.03	19	.03	3	.89	.01	.06	<2	.1	13	<.3	.1	1.6	1
51493	.5	2.0	4.8	37.1	<30	1	<1	73	.37	.6	<5	3	5	<.01	<.2	.1	4	.05	.013	20	2	.04	23	.02	3	.68	.02	.14	<2	.1	18	.3	<.1	1.3	<1
51494	.3	.9	4.2	24.1	<30	<1	<1	31	.28	.5	<5	6	3	<.01	<.2	<.1	4	.02	.014	28	2	.03	13	.02	<2	.52	.02	.16	<2	<.1	10	<.3	<.1	<.5	<1
51495	1.1	9.3	9.8	145.9	375	8	6	631	3.17	9.0	<5	4	25	.10	.9	.2	55	.25	.165	19	23	.20	96	.08	2	1.45	.01	.10	<2	.1	50	<.3	.3	4.9	332
51496	2.0	13.9	9.6	71.5	165	11	5	738	3.21	25.8	<5	3	47	.13	1.6	.3	44	.51	.063	23	21	.26	78	.08	3	1.54	.02	.12	<2	.3	94	.3	.1	5.5	10
51497	3.1	11.5	11.7	69.2	87	11	8	3544	2.21	12.5	<5	1	83	.17	1.0	.3	34	1.05	.065	28	15	.27	100	.05	<2	1.65	.02	.11	<2	<.1	88	<.3	.1	5.4	3
51498	1.0	8.6	7.5	128.2	61	10	6	513	2.24	4.3	<5	2	21	.07	.5	.1	44	.22	.057	15	21	.19	106	.11	<2	1.57	.01	.06	<2	.1	50	<.3	.1	4.2	3
51499	.9	8.2	5.0	94.4	82	12	5	441	2.11	3.0	<5	2	21	.05	.4	.1	41	.19	.082	12	25	.17	120	.11	<2	1.67	.01	.07	<2	.1	51	.5	.3	4.8	<1
51500	1.0	8.1	5.7	122.0	<30	19	7	968	2.26	2.0	<5	2	25	.05	<.2	.1	43	.21	.080	12	29	.16	126	.10	<2	2.02	.02	.07	<2	.1	38	<.3	.1	4.3	2
RE 51500	.9	7.5	4.9	117.1	<30	16	7	914	2.15	1.8	<5	2	24	.02	.2	.1	41	.20	.077	12	28	.15	124	.10	<2	1.93	.02	.06	<2	.1	33	.3	.1	3.8	2
51601	.6	2.2	4.0	19.8	<30	<1	1	57	.54	1.2	<5	2	10	<.01	<.2	.1	6	.08	.009	12	4	.04	25	.03	2	.64	.02	.07	<2	<.1	12	<.3	<.1	.8	1
51602	.4	3.1	5.2	21.0	<30	3	<1	48	.72	2.0	<5	1	10	<.01	<.2	.1	9	.08	.008	12	5	.05	31	.05	<2	.96	.02	.07	<2	<.1	8	.3	.1	1.1	1
51603	.3	2.6	4.4	14.6	<30	2	1	44	.53	1.1	<5	2	15	<.01	.2	.1	8	.08	.006	13	4	.04	39	.04	<2	.54	.02	.10	<2	<.1	17	<.3	.1	.9	<1
51604	.3	2.1	3.8	9.5	<30	1	1	35	.41	1.1	<5	2	11	<.01	<.2	.1	6	.09	.003	12	3	.04	25	.04	3	.53	.02	.08	<2	.1	5	<.3	<.1	.9	2
51605	.5	3.0	5.2	17.0	<30	2	1	62	.87	2.3	<5	2	14	.01	<.2	.1	12	.13	.005	14	6	.07	34	.07	<2	.98	.02	.09	<2	.1	12	<.3	<.1	1.4	1
51606	.6	3.3	6.5	17.6	<30	1	<1	77	.72	1.9	<5	4	14	<.01	<.2	.1	11	.13	.008	18	5	.06	29	.05	<2	.85	.02	.08	<2	<.1	13	<.3	.1	1.0	4
51607	.3	2.8	6.7	17.2	<30	2	1	38	.64	1.5	<5	4	12	<.01	.2	.1	8	.10	.007	23	4	.05	22	.03	<2	.74	.02	.12	<2	.1	9	<.3	.2	1.6	1
51608	.3	1.9	4.3	9.0	<30	1	<1	34	.45	1.5	<5	2	9	.01	<.2	.1	7	.08	.004	14	3	.03	18	.02	<2	.44	.02	.11	<2	<.1	7	.3	<.1	.6	1
51609	.6	3.0	2.7	13.7	<30	1	<1	14	.35	2.1	<5	1	8	<.01	<.2	<.1	3	.08	.002	9	2	.04	10	.01	<2	.60	.04	.15	<2	<.1	10	<.3	.1	1.1	2
51610	.8	4.3	7.4	19.7	<30	4	3	574	.87	1.6	<5	2	15	.02	<.2	.1	13	.13	.009	15	6	.06	46	.05	4	.93	.01	.10	<2	<.1	29	<.3	.1	1.3	1
51611	.8	5.4	6.5	26.9	<30	4	1	128	1.10	1.8	<5	2	18	.01	<.2	<.1	17	.17	.012	14	10	.09	42	.07	<2	1.30	.02	.10	<2	<.1	39	<.3	<.1	2.1	2
STANDARD D/AU-S	22.8	122.2	94.0	272.6	1894	29	14	1037	4.71	77.7	21	21	61	2.29	9.2	20.9	65	.70	.091	20	55	1.28	233	.15	26	2.50	.05	.77	17	2.0	464	.8	2.2	6.3	50

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51612	.4	5.5	5.0	18.8	32	1	1	100	.97	1.6	<5	3	15	.01	.3	.1	18	.16	.006	13	9	.09	33	.08	2	.77	.01	.06	<2	.1	30	<.3	.2	2.2	1
51613	.2	1.9	2.3	15.2	<30	1	1	74	.67	.6	<5	3	11	<.01	<.2	<.1	11	.11	.006	12	5	.05	18	.05	<2	.50	.01	.08	<2	<.1	32	<.3	.1	.9	2
51614	.3	3.1	3.6	28.3	32	3	2	299	1.65	.8	<5	2	28	.01	.6	.1	29	.39	.016	10	13	.15	54	.08	3	1.02	.01	.06	<2	<.1	34	<.3	<.1	2.2	1
51615	.3	3.5	3.4	29.5	46	6	2	208	1.46	1.3	<5	1	29	.02	.6	<.1	29	.38	.019	12	12	.16	50	.06	3	1.04	.01	.05	<2	<.1	50	<.3	.2	2.0	1
51616	.5	3.4	3.9	47.0	<30	3	4	280	1.97	1.5	<5	1	38	.03	.4	.1	40	.29	.018	10	15	.22	62	.08	2	1.00	.01	.06	<2	<.1	34	<.3	<.1	2.5	<1
51617	.6	6.9	5.1	50.0	38	9	5	208	1.92	2.1	<5	2	25	.03	.4	.1	40	.24	.041	9	19	.16	84	.08	<2	1.06	.01	.05	<2	<.1	18	<.3	.2	3.9	15
51618	.4	7.2	2.6	33.4	<30	17	6	234	2.39	3.4	<5	2	42	.02	.5	<.1	44	.35	.044	12	21	.24	81	.08	<2	1.26	.02	.05	<2	<.1	58	<.3	.1	2.2	1
51619	.5	6.8	3.5	33.7	<30	9	4	271	2.50	3.7	<5	3	42	.02	.7	<.1	48	.41	.032	16	23	.21	60	.09	4	1.02	.03	.07	<2	<.1	34	<.3	.1	2.1	1
51620	.5	11.8	4.2	30.7	71	14	6	172	2.33	2.3	<5	2	80	.03	.7	<.1	46	1.05	.065	18	16	.31	96	.04	5	1.08	.03	.03	<2	<.1	97	<.3	.2	2.7	<1
51621	.5	4.1	3.1	78.0	<30	13	5	552	1.70	.7	<5	1	23	.01	.3	<.1	34	.21	.058	10	20	.12	113	.09	2	1.39	.01	.05	<2	<.1	20	<.3	.2	3.2	2
RE 51621	.5	4.7	3.7	82.9	38	15	6	579	1.79	1.1	<5	2	25	.02	.4	.1	35	.22	.062	10	22	.13	117	.09	<2	1.50	.01	.05	<2	<.1	22	.3	.3	3.5	1
51622	.7	5.5	3.6	64.4	37	17	8	353	2.32	1.8	<5	2	21	.02	.4	<.1	46	.20	.077	10	27	.14	103	.09	3	1.65	.01	.07	<2	<.1	26	<.3	.2	3.8	1
51623	.2	7.9	5.6	93.7	35	11	5	135	2.17	<.5	<5	2	52	.01	.2	<.1	43	.46	.032	14	42	.24	77	.08	<2	1.80	.04	.05	<2	<.1	35	<.3	.2	4.5	<1
51624	.6	14.2	7.5	114.8	<30	22	7	195	2.41	1.1	<5	2	42	.03	.3	.1	48	.33	.052	11	41	.22	149	.08	4	2.29	.03	.06	<2	<.1	24	.3	.2	5.8	4
51625	1.2	8.0	5.5	82.8	40	8	5	424	2.11	3.0	<5	2	21	.03	.4	.1	44	.20	.047	9	22	.14	130	.09	17	1.47	.01	.05	<2	<.1	28	.5	.2	5.1	1
51626	.8	9.6	4.4	121.6	44	13	6	189	2.91	1.1	<5	1	32	.04	.2	<.1	50	.25	.158	7	34	.16	182	.08	4	2.37	.01	.06	<2	.1	49	<.3	.1	5.0	1
51627	.9	11.2	5.5	128.7	95	12	7	465	2.46	.6	<5	2	30	.10	.4	.1	50	.29	.102	9	34	.17	145	.08	6	1.73	.01	.11	<2	<.1	40	<.3	<.1	4.9	1
51628	.8	10.1	7.7	184.9	158	18	12	1937	3.60	5.3	<5	3	37	.16	1.4	<.1	63	.33	.111	12	33	.28	183	.08	2	2.17	.02	.11	<2	<.1	86	<.3	.1	4.8	1
51629	.7	15.2	6.8	135.5	111	24	16	1443	3.73	6.7	<5	2	54	.15	1.0	.1	64	.47	.130	9	46	.27	171	.05	<2	2.85	.02	.08	<2	.1	94	<.3	.1	4.5	<1
51630	1.3	3.6	10.8	58.9	51	3	1	187	1.05	2.0	<5	4	17	.07	.3	.2	22	.19	.014	20	9	.10	52	.10	<2	.72	.01	.06	<2	.1	28	<.3	.2	2.9	<1
51631	.8	4.4	6.0	60.7	36	8	3	368	1.99	3.7	<5	3	22	.06	.3	.1	36	.21	.055	18	15	.17	68	.10	<2	.99	.01	.08	<2	.1	65	<.3	.2	2.4	<1
51632	.4	4.0	4.9	34.8	<30	2	1	96	.90	1.6	<5	3	11	.01	<.2	.1	15	.11	.015	14	7	.06	43	.06	<2	.94	.01	.06	<2	<.1	17	<.3	.2	2.0	1
51633	.4	3.4	5.4	26.7	<30	2	1	142	.82	1.2	<5	1	19	.01	<.2	.1	13	.21	.013	16	7	.07	34	.05	2	.77	.01	.07	<2	<.1	21	<.3	.1	1.7	2
51634	.5	4.1	5.7	58.2	<30	6	3	249	1.84	2.4	<5	3	16	.02	.2	<.1	35	.16	.033	14	15	.13	75	.10	<2	1.16	.01	.06	<2	.1	20	<.3	<.1	2.9	1
51635	.4	3.8	4.8	38.3	32	6	3	190	1.40	1.9	<5	3	13	.01	.2	.1	25	.12	.047	12	10	.10	81	.07	9	1.18	.01	.05	<2	<.1	28	<.3	.1	2.5	1
51636	.4	3.8	4.6	81.2	<30	7	4	282	1.48	.7	<5	2	14	.02	<.2	<.1	29	.14	.053	13	11	.11	86	.07	2	1.19	.01	.05	<2	<.1	25	<.3	<.1	2.2	2
51637	.4	3.8	5.1	40.2	38	4	3	146	1.59	2.4	<5	1	22	.02	<.2	.1	29	.18	.042	14	12	.12	88	.06	2	1.10	.01	.06	<2	.1	46	<.3	<.1	2.6	2
51638	.7	4.8	5.8	32.3	34	6	3	190	1.88	4.0	<5	3	23	.02	.3	.1	35	.17	.043	15	13	.15	81	.08	<2	.95	.01	.07	<2	<.1	50	<.3	.1	2.2	1
51639	.9	3.7	5.4	26.7	<30	4	2	125	1.45	2.6	<5	2	15	.02	.2	.2	32	.15	.020	12	11	.08	66	.08	<2	.77	.01	.08	<2	<.1	18	<.3	<.1	2.9	1
51640	.6	3.8	6.1	54.2	<30	8	4	367	1.99	2.5	<5	3	18	.02	<.2	.1	37	.19	.047	14	14	.13	101	.08	<2	1.31	.01	.08	<2	<.1	22	.3	<.1	2.7	1
51641	.5	3.6	5.7	73.6	46	6	3	393	1.52	1.6	<5	2	13	.03	.2	<.1	29	.14	.049	14	12	.11	88	.07	3	1.19	.01	.05	<2	.1	22	<.3	.1	3.1	2
51642	.5	6.0	7.8	38.5	<30	12	6	182	2.26	3.1	<5	3	24	.02	<.2	.1	38	.21	.036	14	19	.16	75	.07	3	1.52	.01	.10	<2	<.1	30	.3	<.1	2.5	1
51643	.6	5.9	7.0	29.8	73	9	5	425	1.77	3.6	<5	3	33	.03	1.0	<.1	35	.28	.032	21	15	.19	77	.08	3	.98	.02	.07	<2	<.1	62	<.3	.2	2.7	1
51644	.4	5.7	4.7	50.3	<30	9	4	238	1.88	2.8	<5	2	21	.03	.2	<.1	38	.23	.035	12	17	.16	73	.10	<2	1.25	.01	.06	<2	<.1	28	<.3	<.1	2.4	1
STANDARD D/AU-S	20.6	118.6	89.9	268.0	1809	29	13	1043	4.44	73.8	19	20	58	2.20	9.2	19.5	65	.73	.090	19	50	1.19	238	.15	29	2.40	.05	.75	18	2.0	477	.8	1.9	6.2	50

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51645	.4	4.5	6.5	36.8	<30	8	4	212	1.63	3.8	<5	3	13	.01	.5	.1	32	.14	.034	11	13	.14	70	.08	3	1.06	.01	.04	<2	<.1	43	.5	.1	2.9	<1
51646	.3	3.8	3.2	47.5	<30	12	4	382	1.88	2.0	<5	2	18	.01	.2	.1	35	.17	.048	10	18	.15	82	.07	2	1.27	.01	.05	<2	<.1	45	<.3	.1	1.5	<1
51647	.6	5.1	5.4	68.3	<30	17	6	174	1.90	2.7	<5	2	23	.03	.2	.1	34	.20	.075	11	20	.17	122	.07	<2	1.51	.01	.05	<2	<.1	27	.3	<.1	3.2	1
51648	.5	4.8	4.0	57.0	<30	15	5	288	1.79	4.3	<5	2	18	.02	.3	.2	33	.17	.056	10	20	.15	119	.07	2	1.38	.01	.04	<2	.1	23	.5	<.1	3.1	<1
51649	.8	7.3	5.1	70.7	<30	16	5	182	2.21	2.5	<5	2	29	.03	.2	.2	41	.24	.066	9	30	.16	135	.09	2	1.73	.01	.07	<2	.1	28	<.3	<.1	5.0	<1
51650	.6	4.6	6.4	26.6	<30	9	2	105	1.61	4.0	<5	2	31	.01	.4	.2	29	.21	.021	15	15	.14	85	.06	<2	1.13	.02	.03	<2	<.1	67	<.3	<.1	2.7	<1
51651	.5	7.9	5.8	97.6	<30	19	6	326	2.35	3.6	<5	2	29	.03	.5	.1	43	.21	.058	9	24	.18	119	.07	<2	1.86	.01	.05	<2	<.1	29	.3	<.1	3.7	<1
51652	.7	8.4	4.3	106.0	63	15	7	242	2.35	1.7	<5	1	34	.03	.5	<.1	43	.27	.089	8	34	.17	133	.07	2	1.94	.01	.08	<2	<.1	49	<.3	.2	5.1	<1
51653	.4	9.8	3.9	102.2	42	19	6	315	2.21	2.7	<5	1	45	.03	1.4	.1	39	.35	.051	10	33	.18	119	.07	<2	1.83	.02	.08	<2	.1	47	.4	.1	3.7	1
51654	.4	4.3	5.4	97.1	66	13	5	213	2.20	2.9	<5	2	21	.03	1.3	.1	43	.22	.100	10	19	.15	86	.07	<2	1.41	.01	.06	<2	.1	31	.3	.1	3.1	5
51655	.4	17.8	5.2	90.9	31	21	7	453	2.88	3.5	<5	2	58	.07	.4	.2	54	.43	.052	11	41	.19	144	.06	<2	1.91	.02	.10	<2	<.1	63	<.3	<.1	3.9	<1
51656	.4	7.3	6.2	40.2	33	9	4	269	1.89	4.0	<5	2	21	.02	1.3	.1	38	.20	.047	10	18	.12	70	.07	2	.99	.01	.05	<2	<.1	35	<.3	<.1	2.9	5
51657	.3	3.8	4.4	104.9	<30	10	7	1040	1.97	.5	<5	1	23	.02	.3	.1	40	.19	.070	10	22	.14	132	.07	2	1.30	.01	.05	<2	<.1	59	<.3	<.1	1.5	1
51658	.9	6.9	8.0	91.0	95	13	8	1337	2.94	5.4	<5	1	33	.12	.5	.3	52	.33	.063	11	16	.25	202	.06	2	1.49	.01	.07	<2	<.1	86	.5	<.1	3.8	<1
51659	.9	8.4	8.8	87.8	181	12	6	782	2.53	6.4	<5	1	54	.17	.4	.1	46	.60	.094	10	14	.23	175	.06	4	1.39	.01	.11	<2	.1	75	.3	<.1	4.2	522
51660	.8	6.8	7.5	70.6	86	5	4	373	2.13	4.7	<5	2	23	.10	.4	.2	42	.25	.039	9	13	.15	89	.07	4	.87	.01	.07	<2	.1	60	<.3	.1	3.6	24
51661	.4	5.0	4.9	58.4	52	5	3	766	1.58	1.1	<5	2	22	.12	<.2	.1	35	.22	.054	9	12	.12	130	.07	<2	.75	.01	.04	<2	<.1	35	<.3	<.1	2.4	<1
51662	.4	5.7	5.0	47.0	33	7	5	437	2.42	6.5	<5	2	31	.04	.3	.1	51	.30	.029	12	17	.21	82	.09	<2	.97	.01	.10	<2	.1	45	<.3	.1	2.4	1
RE 51662	.4	6.1	5.3	45.4	<30	8	5	421	2.35	7.8	<5	2	31	.04	.2	.1	49	.30	.029	12	17	.21	80	.09	2	.96	.01	.09	<2	<.1	35	.3	<.1	2.5	3
51663	.7	5.6	4.9	41.3	<30	8	4	909	2.03	2.3	<5	2	31	.03	.2	.1	42	.34	.019	10	14	.17	128	.08	<2	.99	.01	.05	<2	.1	37	<.3	<.1	2.0	1
51664	1.4	16.7	9.0	72.2	153	14	9	3064	2.75	4.2	<5	1	76	.08	.2	.1	45	.61	.064	40	15	.20	218	.05	<2	1.71	.01	.06	<2	.1	96	.3	.2	4.0	<1
51665	.8	7.8	8.8	68.4	80	9	6	759	2.81	4.7	<5	1	23	.05	.2	.1	52	.23	.063	10	15	.24	146	.06	4	1.54	.01	.05	<2	.1	97	<.3	.1	3.4	1
51666	.5	6.6	5.3	65.2	62	8	5	303	2.23	2.4	<5	1	56	.09	.3	.2	36	.53	.184	12	13	.22	155	.06	3	1.31	.01	.12	<2	.1	91	<.3	<.1	2.7	<1
51669	.3	11.5	6.5	85.2	131	4	4	436	2.82	.7	<5	2	55	.08	.8	.1	30	.85	.025	13	16	.33	114	.07	3	1.86	.02	.10	<2	<.1	63	.4	<.1	3.3	1
51670	.2	29.0	4.4	31.4	188	26	7	243	2.43	1.9	<5	1	240	.09	1.5	.1	63	4.87	.142	22	23	.55	115	.02	<2	1.19	.03	.03	<2	.1	175	.9	.2	3.0	1
51671	.3	8.9	6.6	25.5	57	12	7	350	2.04	2.9	<5	1	75	.09	.8	.1	31	1.46	.045	20	21	.31	70	.03	<2	1.30	.02	.04	<2	.1	118	.5	.2	3.9	<1
51672	.4	4.9	5.8	60.7	59	9	5	249	1.89	2.6	<5	3	19	.03	.5	.1	35	.24	.073	12	16	.18	82	.07	2	1.31	.01	.06	<2	.1	50	<.3	.1	3.7	5
51673	.4	5.5	7.4	83.6	49	7	4	572	1.85	4.0	<5	2	21	.06	.5	<.1	34	.23	.061	14	14	.18	127	.07	2	1.26	.01	.08	<2	.1	71	<.3	<.1	4.0	<1
51674	.4	4.8	6.1	44.3	<30	5	3	349	1.71	4.6	<5	3	19	.02	.6	<.1	34	.20	.044	19	13	.14	64	.06	2	1.01	.01	.08	<2	.1	48	<.3	<.1	2.7	1
51675	.4	4.2	7.1	30.4	36	4	4	224	1.85	4.2	<5	4	26	.02	.5	.1	37	.25	.047	15	13	.17	74	.08	2	.85	.02	.07	<2	<.1	62	<.3	.1	2.1	7
51676	.2	3.0	5.0	31.3	<30	4	2	110	1.33	.9	<5	3	20	<.01	<.2	.1	26	.18	.027	11	10	.13	57	.07	4	.82	.01	.06	<2	<.1	25	<.3	<.1	1.3	2
51677	.3	4.7	5.9	59.2	<30	8	3	126	1.79	2.7	<5	3	19	.01	.2	.1	31	.18	.082	12	14	.14	82	.06	14	1.48	.01	.05	<2	<.1	103	<.3	<.1	3.1	<1
51678	.2	2.6	5.8	55.9	<30	4	2	84	1.25	.8	<5	3	15	<.01	<.2	.1	22	.10	.075	14	8	.07	73	.04	<2	1.01	.01	.06	<2	.1	36	<.3	<.1	2.1	<1
51679	.2	3.0	5.8	32.6	<30	5	4	87	1.45	1.2	<5	3	16	<.01	<.2	.1	26	.12	.062	11	9	.11	85	.05	2	1.12	.01	.04	<2	<.1	40	<.3	.1	1.5	<1
STANDARD D/AU-S	21.5	129.7	87.9	257.4	2029	27	14	977	4.49	75.3	16	19	54	2.20	10.3	21.3	65	.71	.091	18	48	1.21	235	.13	25	2.32	.04	.73	18	2.1	453	1.2	2.0	6.9	51

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51680	.8	4.9	7.9	36.4	57	4	3	127	1.28	1.4	5	3	18	.02	.2	<.1	23	.17	.042	11	9	.10	64	.05	<2	.91	.01	.05	<2	<.1	49	<.3	.1	3.8	1
51681	.7	4.7	7.9	31.8	<30	7	4	187	1.90	5.6	<5	4	25	.01	.3	<.1	35	.24	.042	13	13	.12	84	.07	<2	1.02	.01	.06	<2	<.1	43	<.3	.1	2.6	5
51682	.6	4.2	7.1	32.1	<30	6	3	204	1.55	3.4	<5	3	22	.02	<.2	<.1	30	.26	.041	13	11	.11	73	.06	2	.73	.01	.06	<2	<.1	62	<.3	<.1	2.0	1
51683	.5	2.8	6.0	33.7	37	5	2	231	1.11	1.5	<5	3	22	.01	<.2	<.1	21	.25	.011	14	9	.12	57	.07	<2	.79	.01	.05	<2	<.1	77	<.3	<.1	1.9	1
51684	1.1	1.6	8.7	32.0	30	1	1	35	.36	<.5	<5	<1	21	.14	<.2	<.1	7	.07	.034	19	4	.03	58	<.01	<2	.80	.01	.05	<2	<.1	69	<.3	.2	4.3	1
51685	.5	4.2	6.8	34.6	45	5	2	147	1.58	2.2	<5	4	32	.04	.3	<.1	34	.28	.032	18	15	.12	57	.12	<2	.72	.02	.09	<2	<.1	49	<.3	<.1	2.3	1
51686	6.9	4.4	10.7	171.2	114	4	2	2112	.93	1.3	<5	1	24	.78	<.2	<.1	15	.29	.054	22	6	.08	93	.04	<2	.52	.01	.09	<2	.2	61	<.3	.2	1.5	1
51687	1.1	4.4	9.7	76.8	56	5	2	396	1.15	2.7	<5	4	14	.11	.3	<.1	22	.16	.017	20	9	.09	67	.08	<2	.84	.01	.05	<2	<.1	37	<.3	.2	3.4	1
51688	.8	3.2	6.5	62.7	<30	8	3	150	1.47	3.0	<5	4	16	.04	<.2	<.1	28	.16	.022	16	13	.13	74	.10	<2	1.16	.02	.05	<2	<.1	46	<.3	.1	2.5	2
51691	.4	4.2	5.6	36.8	46	7	5	269	2.14	3.9	<5	3	23	.03	.3	<.1	47	.25	.045	11	16	.16	123	.10	<2	1.05	.02	.05	<2	.1	25	<.3	.2	3.7	3
RE 51691	.4	3.9	5.0	35.0	35	7	4	254	2.08	3.5	<5	3	22	.03	<.2	<.1	46	.24	.044	10	16	.15	120	.09	<2	1.02	.01	.04	<2	<.1	31	<.3	.1	3.5	1
51693	.6	4.5	5.1	40.5	38	6	5	340	1.95	.8	5	2	20	.05	<.2	<.1	42	.25	.071	11	15	.15	103	.09	<2	.91	.01	.04	<2	<.1	34	<.3	<.1	2.6	1
51694	.3	4.2	5.7	46.8	51	10	4	274	1.87	1.8	<5	2	20	.04	<.2	<.1	39	.23	.069	9	14	.14	134	.09	<2	1.13	.01	.04	<2	.1	32	<.3	.1	3.2	1
51695	.6	5.9	6.1	26.2	70	4	4	265	2.18	5.0	<5	2	24	.03	.4	.1	49	.29	.021	9	16	.17	76	.11	2	.88	.01	.05	<2	<.1	35	<.3	.2	3.7	7
51696	.6	4.5	6.0	44.5	75	6	4	568	1.57	2.0	<5	2	27	.06	.3	<.1	35	.32	.049	11	12	.14	136	.09	2	.86	.01	.05	<2	.1	32	<.3	.1	3.0	2
51697	.6	5.0	6.7	35.8	57	6	3	264	1.74	4.1	<5	3	21	.02	.2	<.1	37	.25	.055	14	13	.14	78	.10	<2	1.04	.01	.06	<2	<.1	42	<.3	.1	3.7	1
51698	.5	4.3	7.6	29.8	56	3	3	174	1.50	2.2	<5	3	22	.02	.3	<.1	32	.26	.037	13	11	.15	70	.10	<2	.89	.01	.05	<2	.1	37	<.3	.2	3.4	1
51699	.5	4.1	7.1	34.5	36	4	3	172	1.57	2.0	<5	2	18	.03	<.2	<.1	34	.22	.027	13	11	.13	70	.09	<2	.90	.01	.04	<2	<.1	48	.3	.1	3.2	13
51700	.4	5.3	6.7	32.3	74	3	3	315	1.73	1.8	<5	3	44	.04	<.2	.1	30	.56	.017	16	14	.22	76	.08	<2	1.23	.02	.07	<2	<.1	78	<.3	.1	3.3	3
51701	.5	3.4	4.7	79.6	51	6	4	609	1.62	2.6	<5	3	15	.04	<.2	<.1	33	.15	.057	13	12	.11	85	.06	<2	1.14	.01	.05	<2	.1	43	<.3	.1	2.9	1
51702	.8	4.1	6.7	102.5	67	7	10	425	2.76	2.9	<5	3	14	.05	.3	.1	79	.22	.083	12	10	.45	91	.18	<2	1.32	.02	.13	<2	.1	31	<.3	.2	6.5	2
51703	.8	6.5	6.6	28.5	41	7	4	197	1.81	8.6	<5	4	15	.03	.5	.2	35	.16	.037	14	13	.13	73	.07	<2	.85	.01	.06	<2	.1	63	<.3	.1	3.1	1
51704	.5	4.9	5.7	59.7	38	7	4	369	1.91	4.9	<5	3	18	.03	.2	<.1	34	.17	.087	12	13	.12	106	.06	<2	1.27	.01	.06	<2	<.1	40	<.3	.1	3.7	1
51705	.8	4.7	7.4	32.3	<30	4	3	110	1.20	1.4	<5	2	19	.03	.3	.1	27	.18	.023	12	11	.09	67	.08	2	.76	.01	.05	<2	.1	28	<.3	.1	4.2	2
51706	.5	4.5	7.5	44.9	41	5	4	127	1.91	4.4	<5	3	16	.02	.4	<.1	33	.16	.084	16	13	.14	85	.06	<2	1.43	.01	.06	<2	<.1	46	<.3	.1	3.9	1
51707	.6	16.2	10.8	61.3	68	12	8	671	1.81	2.8	<5	1	123	.13	.4	<.1	27	1.17	.206	20	20	.34	151	.03	3	1.63	.02	.10	<2	<.1	92	<.3	<.1	5.7	4
51708	.8	13.0	9.9	44.3	73	11	7	385	2.66	2.6	<5	5	67	.09	1.2	.1	35	.77	.071	30	25	.35	95	.05	2	1.75	.03	.11	2	.1	116	<.3	.1	6.1	2
51709	.8	6.1	9.0	136.6	51	10	6	1158	2.36	2.5	<5	2	19	.11	.4	.1	45	.23	.106	15	19	.19	132	.07	4	1.44	.01	.07	<2	<.1	60	<.3	.2	4.7	3
51710	.8	4.2	7.0	43.7	41	3	4	247	1.60	1.8	<5	2	13	.03	.5	<.1	33	.15	.040	12	12	.12	82	.07	2	.91	.01	.05	<2	.1	21	<.3	.1	4.6	1
51711	.8	6.0	5.6	65.3	<30	8	5	132	1.89	1.3	<5	2	16	.03	.2	<.1	40	.15	.073	10	22	.13	73	.07	<2	1.24	.02	.04	<2	<.1	30	<.3	.1	5.2	1
51712	.6	14.3	4.8	73.2	<30	21	9	220	3.28	1.9	<5	3	40	.06	<.2	<.1	56	.40	.092	11	41	.23	134	.07	<2	1.92	.02	.10	2	<.1	55	<.3	.1	5.6	2
51713	.6	18.5	4.4	55.2	<30	35	11	235	3.28	6.9	<5	4	50	.04	.3	.1	53	.35	.063	14	36	.22	121	.06	<2	1.81	.02	.08	<2	.1	41	<.3	.1	5.3	3
51714	.5	19.2	2.9	218.1	65	35	12	650	4.65	1.0	<5	2	56	.11	<.2	<.1	84	.46	.104	13	95	.24	205	.05	5	2.31	.02	.13	<2	<.1	38	.3	.2	5.7	1
51715	.9	19.1	4.4	155.3	92	32	15	1319	4.31	1.7	<5	1	84	.19	<.2	.1	64	.79	.093	11	55	.25	202	.04	<2	1.91	.02	.13	<2	<.1	81	.3	.1	5.8	1
STANDARD D/AU-S	20.6	120.9	86.9	241.1	1935	28	15	960	4.39	75.3	19	20	56	2.21	10.3	20.4	65	.73	.093	18	48	1.20	238	.13	29	2.24	.05	.71	19	1.9	455	.8	1.9	6.6	48

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51716	.4	5.8	5.5	70.2	<30	11	4	231	1.84	1.8	<5	2	23	.03	.7	<.1	39	.22	.040	8	24	.13	87	.08	<2	1.10	.01	.05	<2	<.1	33	.3	<.1	3.9	<1
51717	.7	4.5	7.8	66.3	<30	8	3	330	1.61	2.2	<5	2	15	.04	.9	<.1	35	.16	.051	9	15	.10	83	.08	<2	.90	.02	.05	<2	.1	24	.3	<.1	4.6	<1
51718	.5	4.7	8.6	47.0	<30	6	5	113	1.52	3.0	<5	2	17	.02	.8	<.1	30	.15	.035	10	12	.11	101	.07	<2	1.25	.01	.03	<2	<.1	76	.5	<.1	4.3	<1
51719	.4	3.7	8.9	33.2	<30	6	3	153	1.43	2.0	<5	2	17	.02	.9	<.1	30	.19	.034	10	11	.09	65	.08	<2	.78	.01	.06	<2	.1	18	.3	.1	4.3	<1
51720	1.1	6.1	8.7	111.7	71	10	8	1059	3.21	5.1	<5	2	37	.13	1.1	.2	66	.38	.123	11	19	.25	235	.08	<2	1.33	.01	.08	<2	<.1	82	.3	<.1	4.7	2
51721	.8	6.2	8.5	78.6	<30	11	6	648	3.04	5.3	<5	3	25	.10	2.4	.2	63	.25	.084	12	18	.22	146	.08	<2	1.13	.02	.06	<2	.2	39	.3	<.1	4.1	<1
51722	.6	4.3	7.0	53.5	66	6	3	149	1.71	1.7	<5	3	24	.05	.2	<.1	35	.21	.036	11	12	.12	110	.05	<2	.82	.02	.07	<2	.1	26	<.3	.1	3.1	<1
51723	.6	5.3	10.0	27.0	35	6	3	179	1.23	2.8	<5	3	58	.02	.3	.1	28	.22	.019	15	10	.17	77	.06	<2	.67	.03	.05	<2	.1	36	.4	<.1	2.5	<1
51724	.9	6.3	12.3	48.1	104	5	3	285	1.21	.9	<5	3	40	.04	.4	.2	24	.30	.017	13	9	.13	142	.03	7	.86	.02	.13	<2	.1	27	.5	.2	4.4	<1
51725	1.3	7.6	12.8	178.6	97	13	8	1197	2.40	5.3	<5	2	38	.17	.6	.2	44	.38	.095	12	15	.25	262	.06	2	1.88	.01	.10	<2	.3	56	<.3	.3	6.7	<1
51726	.9	6.4	6.8	78.3	<30	7	5	316	2.25	5.2	<5	2	25	.06	<.2	.1	39	.21	.137	12	13	.15	136	.05	<2	1.59	.02	.08	<2	<.1	84	.4	<.1	4.8	<1
51727	1.2	8.6	11.1	97.7	76	9	7	1644	2.59	2.9	<5	2	46	.16	1.1	.1	49	.52	.119	13	14	.24	298	.06	2	1.35	.01	.22	<2	.1	73	<.3	.2	5.2	<1
51728	1.1	11.0	11.9	91.3	52	14	7	675	3.00	6.1	<5	3	43	.14	1.1	.1	57	.44	.040	14	16	.30	211	.05	<2	1.87	.01	.07	2	.1	79	.3	<.1	6.8	<1
RE 51728	1.3	11.3	13.7	96.2	94	11	8	712	3.13	7.2	9	3	45	.17	1.3	.3	61	.46	.046	15	18	.30	223	.07	<2	1.98	.02	.07	<2	.4	82	.6	.1	7.2	<1
51729	1.2	7.3	6.8	53.8	49	7	5	355	2.39	5.1	<5	1	20	.09	.2	.1	50	.21	.037	10	14	.19	143	.07	<2	1.26	.02	.05	<2	.1	47	<.3	<.1	4.8	<1
51730	.7	7.0	6.8	135.5	74	8	6	1059	2.29	3.3	<5	1	36	.10	.7	.1	44	.41	.102	11	15	.23	263	.07	<2	1.68	.02	.12	<2	<.1	100	<.3	<.1	4.6	<1
51731	2.2	13.6	13.1	135.1	114	11	11	2888	2.61	3.8	<5	1	41	.26	.6	<.1	45	.44	.111	12	15	.24	408	.05	<2	1.71	.01	.09	<2	.1	73	<.3	<.1	6.2	<1
51732	1.4	15.0	10.5	141.7	107	16	12	1841	3.81	11.5	<5	2	60	.30	8.3	.4	63	.67	.078	12	19	.32	289	.07	<2	2.02	.02	.08	<2	.2	108	.5	<.1	5.9	<1
51733	.8	7.4	9.2	45.2	69	7	4	555	1.92	1.8	<5	2	40	.09	.4	.3	39	.44	.054	11	13	.16	137	.08	<2	.91	.01	.10	<2	.1	39	.5	<.1	3.4	4
51734	.7	3.9	8.5	43.6	36	5	3	238	1.71	2.2	5	3	17	.04	.2	.2	42	.23	.035	12	14	.15	78	.10	<2	.82	.01	.05	<2	.1	22	.4	<.1	3.3	<1
51735	.7	7.0	7.9	33.8	<30	7	5	233	2.28	4.9	5	3	24	.03	.4	.1	51	.27	.048	12	18	.18	81	.11	<2	.90	.01	.04	<2	<.1	37	.5	.1	3.4	<1
51736	.9	4.3	8.0	36.8	66	7	3	311	1.57	1.0	7	2	19	.04	.4	.2	36	.23	.043	11	12	.12	101	.10	<2	.85	.01	.03	<2	.2	26	<.3	<.1	4.2	<1
51737	.9	5.7	7.6	47.9	67	5	2	401	1.89	4.0	6	3	22	.06	.4	.1	41	.22	.042	11	13	.13	138	.10	<2	.88	.01	.05	<2	.2	29	<.3	.2	4.4	<1
51738	.7	4.5	7.0	41.5	42	8	3	215	1.87	2.1	5	2	16	.02	.2	.1	39	.17	.037	10	12	.13	113	.08	<2	.98	.01	.04	<2	.2	30	.3	.1	3.9	<1
51739	1.1	6.8	11.1	35.0	35	7	2	212	1.84	5.1	<5	4	19	.04	.2	.3	39	.21	.042	18	13	.16	70	.11	<2	.87	.01	.05	<2	.1	42	.4	<.1	3.2	2
51740	.6	3.7	7.8	32.0	39	4	2	120	1.26	1.7	5	3	16	.01	.2	.2	27	.17	.028	14	9	.10	50	.10	<2	.71	.01	.05	<2	.1	21	.5	<.1	2.7	<1
51741	.6	5.0	8.8	29.5	<30	7	3	356	1.70	1.5	<5	3	34	.04	<.2	.1	36	.39	.014	14	12	.16	93	.10	<2	.96	.02	.04	<2	<.1	39	.3	<.1	2.7	4
51742	1.0	8.0	9.4	59.1	77	5	4	458	2.18	8.8	6	2	40	.08	.3	.1	44	.39	.066	12	13	.16	130	.07	<2	.98	.01	.06	<2	.1	53	.7	<.1	4.0	1
51801	.7	5.8	9.1	28.3	81	4	2	585	1.48	2.9	7	2	32	.04	.3	<.1	30	.30	.018	16	11	.15	86	.08	<2	.94	.02	.05	<2	.1	61	<.3	.1	3.1	2
51802	2.5	12.7	8.4	35.7	171	11	7	4164	4.13	7.5	<5	2	104	.08	2.0	.2	39	.88	.106	26	15	.19	240	.02	2	1.14	.03	.05	2	.3	238	1.1	.1	3.1	<1
51803	.6	3.3	8.3	49.5	54	4	2	212	1.24	1.9	8	3	17	.03	.2	.1	25	.20	.066	13	9	.11	85	.07	<2	.86	.01	.08	<2	.1	43	<.3	<.1	2.9	<1
51804	.6	8.9	9.5	34.2	114	6	3	602	2.14	3.1	5	4	40	.05	.4	.1	33	.54	.022	29	14	.21	87	.07	<2	1.29	.02	.08	<2	.2	107	.3	.2	4.1	1
51805	.5	4.7	7.2	43.4	71	4	2	191	1.25	1.7	9	3	18	.03	.2	.2	25	.20	.038	13	9	.12	66	.07	<2	.86	.01	.05	<2	.1	146	.6	.1	3.1	<1
51850	1.1	8.1	9.9	116.9	333	8	7	646	2.49	3.7	9	2	24	.11	.5	.2	47	.22	.084	11	16	.25	223	.06	<2	1.62	.01	.10	<2	.2	43	.5	.1	5.8	202
STANDARD D/AU-S	20.3	112.2	84.9	260.9	1899	27	14	998	4.43	75.3	20	20	56	1.93	9.5	21.0	66	.71	.092	18	49	1.20	246	.14	27	2.32	.05	.73	18	2.4	462	1.0	2.2	7.2	54

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51851	1.0	10.7	6.3	160.7	165	11	7	1018	2.32	8.1	<5	3	31	.14	.5	<.1	42	.31	.057	11	15	.24	206	.04	<2	1.65	.01	.08	<2	.2	61	.5	.3	4.2	2
51852	1.0	10.1	7.1	46.2	81	9	5	180	2.02	10.7	<5	3	34	.06	.5	.1	44	.30	.017	13	15	.21	70	.07	<2	.99	.01	.07	<2	.2	67	<.3	.3	3.0	2
51853	.6	8.1	7.1	42.0	<30	6	4	178	2.10	9.5	<5	3	19	.05	.2	.1	50	.20	.021	10	17	.17	66	.09	<2	.92	.01	.04	<2	.1	39	<.3	.1	3.0	1
51854	.7	6.6	6.5	42.9	52	6	4	458	2.00	4.2	<5	2	23	.08	.3	.1	48	.29	.070	10	17	.19	93	.12	<2	.89	.01	.06	<2	.1	36	<.3	.1	3.4	1
51855	.5	6.6	8.7	56.3	209	7	3	326	1.41	2.3	<5	2	21	.05	<.2	.1	33	.24	.056	9	12	.15	113	.10	54	1.00	.01	.04	<2	.1	22	<.3	.1	3.8	<1
51856	.7	7.2	8.0	57.9	79	7	5	589	2.19	9.2	<5	3	22	.08	.7	.1	47	.21	.072	12	15	.19	118	.06	<2	1.26	.01	.05	<2	.1	50	<.3	.4	4.4	2
51857	1.0	9.4	8.7	95.0	<30	8	7	523	2.39	13.6	<5	3	24	.14	2.2	.2	49	.25	.039	14	15	.24	127	.07	<2	1.29	.01	.07	<2	.1	95	<.3	.1	3.8	29
51858	.9	9.0	9.2	183.1	108	13	9	1264	2.61	7.5	<5	3	36	.15	1.4	.1	50	.34	.126	14	17	.29	297	.06	2	2.04	.01	.09	<2	.1	109	<.3	.1	5.3	12
51859	1.5	9.9	11.3	59.9	<30	8	6	183	2.58	15.0	<5	3	27	.11	1.5	.1	52	.24	.038	12	16	.25	98	.06	<2	1.50	.01	.12	<2	<.1	90	<.3	.2	5.8	6
RE 51859	1.3	8.4	9.8	60.9	43	10	7	177	2.55	13.5	<5	3	27	.09	1.4	.1	52	.24	.038	12	15	.25	95	.06	<2	1.52	.01	.13	<2	.2	91	.3	.3	5.1	3
51860	.6	7.9	6.7	33.7	49	5	3	183	2.15	4.8	<5	2	37	.05	.4	.1	39	.39	.025	13	12	.21	109	.06	<2	1.37	.01	.06	<2	.1	48	<.3	.1	4.0	1
51861	.8	7.6	7.7	36.4	82	6	3	165	1.67	3.3	<5	3	22	.05	<.2	.1	33	.25	.015	11	9	.13	110	.05	<2	.99	.01	.09	<2	.1	21	<.3	.2	3.9	3
51862	.7	6.3	6.3	47.3	66	4	4	325	1.57	1.3	<5	3	25	.05	<.2	.1	35	.27	.044	10	12	.11	119	.08	<2	.84	.01	.06	<2	.1	14	<.3	<.1	3.1	1
51863	.5	7.7	7.1	47.2	103	4	3	188	1.51	1.4	<5	2	34	.09	<.2	<.1	35	.36	.038	10	12	.15	109	.10	<2	1.05	.01	.06	<2	.1	41	<.3	<.1	3.7	1
51864	.4	7.6	6.4	40.4	54	4	4	200	1.34	1.3	<5	2	29	.06	<.2	<.1	29	.26	.034	9	13	.15	119	.08	<2	1.04	.01	.06	<2	.2	28	<.3	<.1	4.1	<1
51865	.5	6.5	7.5	41.5	<30	6	3	285	1.34	1.1	<5	2	25	.05	<.2	.1	32	.26	.017	11	12	.15	77	.11	6	.88	.01	.05	<2	<.1	28	<.3	<.1	2.9	<1
51866	.5	9.9	11.4	34.3	126	5	3	278	1.82	4.6	<5	3	46	.09	<.2	.1	30	.60	.013	20	15	.28	87	.10	<2	1.34	.02	.07	<2	.1	117	<.3	<.1	3.9	2
51867	.5	6.4	7.9	36.8	48	6	3	254	1.32	2.7	<5	2	26	.05	.2	.1	30	.26	.037	12	9	.14	86	.09	<2	.95	.01	.05	<2	<.1	30	<.3	.1	4.1	1
51868	.6	4.5	5.8	53.7	<30	4	3	218	1.50	2.6	<5	3	16	.03	<.2	.1	35	.20	.048	13	11	.16	77	.09	2	1.06	.01	.04	<2	<.1	20	<.3	<.1	2.5	1
51869	.5	3.6	5.4	22.7	<30	2	2	113	1.18	3.0	<5	2	18	.02	<.2	<.1	30	.20	.012	12	8	.12	59	.08	<2	.73	.01	.03	<2	<.1	38	<.3	<.1	1.6	2
51870	.5	10.7	14.9	40.1	160	6	1	159	1.61	2.4	<5	5	49	.08	.2	<.1	25	.61	.035	32	13	.34	51	.10	<2	1.04	.03	.05	<2	.2	59	<.3	<.1	4.0	2
51871	.6	5.1	9.2	57.8	<30	2	2	309	1.31	3.3	<5	3	18	.06	<.2	.1	31	.23	.037	15	12	.12	53	.13	<2	.84	.01	.04	<2	<.1	29	<.3	<.1	2.9	2
51872	.8	9.8	11.0	59.1	77	3	5	225	1.71	16.3	<5	3	49	.09	<.2	.1	30	.48	.050	15	9	.16	170	.02	<2	1.06	.01	.12	<2	.1	43	<.3	.1	3.4	1
51873	.6	5.0	7.1	43.5	<30	2	3	231	1.27	3.7	<5	3	19	.05	<.2	.2	27	.20	.026	13	9	.14	55	.07	<2	.64	.01	.07	<2	<.1	80	<.3	<.1	2.0	<1
51874	.7	4.7	5.1	40.0	56	2	2	392	1.19	1.7	<5	2	22	.04	<.2	<.1	26	.20	.026	22	9	.10	64	.05	<2	.66	<.01	.08	<2	.1	54	<.3	.1	1.4	<1
STANDARD D/AU-S	22.8	125.0	93.2	283.6	1968	29	13	997	4.25	75.1	20	21	55	2.34	9.9	20.7	67	.72	.089	18	51	1.27	252	.14	23	2.47	.05	.79	21	2.1	465	1.3	2.4	6.6	53

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

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 249 YELLOW MOOSE File # 95-2286

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Geoff Goodall

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
48959	1.1	26.9	5.5	49.2	33	24	10	1127	3.87	1.1	<5	2	132	.16	<.2	<.1	64	5.88	.122	18	24	1.19	95	.37	2	.94	.09	.09	<2	<.1	20	.3	<.1	3.2	5
48960	2.7	10.8	2.8	9.1	<30	5	24	316	3.92	11.1	<5	2	17	.04	<.2	.5	18	.74	.092	4	<1	.34	48	.19	6	.48	.10	.05	<2	<.1	7	4.9	.2	1.0	4
48975	2.5	40.3	6.0	127.3	537	10	15	1205	6.68	34.9	<5	1	28	.17	<.2	.1	50	1.14	.093	8	9	2.23	86	.25	2	2.96	.04	.13	<2	<.1	16	.6	.2	7.1	4
48976	1.9	5.9	6.7	18.3	<30	5	1	196	.64	1.0	<5	4	6	.04	<.2	<.1	2	.08	.011	7	4	.18	53	.01	7	.43	.04	.11	<2	.2	<5	.3	<.1	<.5	3
48994	1.6	35.8	13.6	49.2	140	23	18	792	5.45	2.7	<5	1	28	.17	<.2	1.2	144	1.39	.076	3	21	2.78	19	.15	3	2.37	.12	.04	<2	.2	<5	.5	.4	10.3	6
48995	.6	19.8	4.9	69.0	<30	7	8	400	2.78	2.1	<5	3	56	.07	<.2	.1	45	.90	.131	22	14	1.39	167	.34	4	2.43	.05	.11	<2	.1	6	.6	.4	8.6	4
48996	3.1	3.4	21.2	21.8	35	3	1	336	.68	35.6	<5	9	5	.09	.5	<.1	3	.06	.014	61	<1	.04	20	.01	<2	.32	.08	.11	<2	<.1	89	<.3	.4	.7	3
48997	3.4	8.4	12.3	22.8	878	5	1	55	2.14	1391.9	<5	2	6	.16	508.3	<.1	2	.03	.003	10	5	.03	33	<.01	6	.21	<.01	.06	2	2.1	1513	3.0	.6	1.9	7
RE 48997	3.3	7.8	11.6	23.7	779	5	1	68	2.26	1451.9	<5	3	6	.17	531.0	.1	2	.03	.003	10	8	.03	36	<.01	7	.24	<.01	.06	2	1.9	1527	2.7	.5	1.2	11
RRE 48997	3.2	9.9	12.0	23.0	1025	6	1	117	2.37	1464.3	<5	1	9	.14	561.4	<.1	2	.04	.007	12	3	.05	45	.01	9	.31	.03	.07	3	1.9	1559	1.9	.4	1.2	10
48998	8.8	2.8	11.3	23.1	<30	4	<1	298	.88	20.9	<5	11	6	.04	3.8	.1	1	.03	.011	58	3	.02	64	<.01	<2	.43	.01	.17	<2	.2	27	.4	.2	1.9	6
51510	1.6	20.6	3.2	76.3	50	9	11	870	5.19	5.5	<5	4	31	.07	1.6	.1	48	.98	.105	20	1	.75	68	.15	4	1.89	.10	.08	<2	.1	19	.7	.4	9.5	8
51511	1.2	1.4	6.3	19.9	<30	1	<1	89	.29	13.0	6	9	12	.02	2.2	.4	2	.42	.005	40	<1	.04	23	.02	4	.82	1.00	.31	<2	.2	29	.8	<.1	1.4	1
51512	4.9	4.4	4.5	36.6	50	6	<1	127	.82	3.3	<5	7	3	.02	1.1	.1	<1	.02	.012	23	10	<.01	24	<.01	5	.33	.06	.10	2	<.1	70	.3	.2	1.4	7
51513	3.2	4.5	4.0	25.6	127	5	1	185	.79	64.8	<5	2	10	.10	24.6	<.1	3	.10	.008	17	7	.05	66	.01	2	.37	.01	.09	<2	.3	2106	.3	.6	2.0	4
51514	3.2	7.6	9.4	7.2	605	6	1	100	1.85	1989.3	<5	1	8	.07	1298.9	<.1	1	.02	.003	7	6	.01	47	<.01	4	.17	.02	.07	3	1.4	1298	6.2	<.1	<.5	28
STANDARD D/AU-S	22.8	121.3	87.7	274.8	1860	26	17	1003	4.69	78.3	22	22	59	2.20	10.0	21.8	65	.75	.089	19	59	1.24	253	.15	27	2.44	.08	.72	19	1.9	476	1.0	2.7	6.8	51

ICP - 30 GRAM SAMPLE IS DIGESTED WITH 180 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 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 GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.
- SAMPLE TYPE: ROCK AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1995 **DATE REPORT MAILED:** July 24/95 **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 249 File # 95-2053

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Geoff Goodall

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
37774	17.2	6.5	5.9	13.9	633	5	2	109	1.57	23.3	<5	<1	7	.01	1.1	<.1	25	.03	.020	2	7	.21	49	<.01	<2	.64	<.01	.09	<2	.1	9	<.3	.2	1.5	69
37775	4.8	2.6	8.7	10.8	160	5	<1	72	.72	71.7	<5	9	3	.03	1.6	1.3	2	.06	.003	46	5	.03	12	.01	<2	.34	.10	.17	<2	.1	51	<.3	.4	1.6	4
37776	1.4	4.0	3.9	47.6	217	5	5	361	1.65	12.4	<5	7	50	.13	.7	<.1	47	.91	.289	49	2	.10	192	.08	<2	.58	.09	.11	<2	.1	<5	<.3	.5	3.9	2
37777	.7	3.7	12.1	56.3	101	3	3	473	1.93	6.3	<5	5	14	.10	.5	<.1	10	.42	.132	52	2	.07	75	<.01	<2	.64	.03	.32	<2	<.1	<5	.3	.2	3.1	2
37778	149.5	22.9	22.1	271.2	313	223	65	1435	28.90	740.6	<5	4	10	.45	4.7	.7	176	.13	.073	13	2	.06	77	.02	<2	.46	.02	.09	<2	10.1	229	<.3	1.7	4.8	5
37779	6.5	50.9	3.7	107.4	75	82	49	2830	16.59	21.9	<5	3	71	.25	3.7	.1	169	1.73	.100	28	8	.72	677	.01	<2	1.87	<.01	.08	4	.1	88	<.3	.3	5.2	3
RE 37779	5.7	47.8	3.5	100.4	56	77	47	2700	15.41	21.8	<5	3	67	.23	3.5	.3	159	1.63	.093	25	7	.68	644	.01	<2	1.76	<.01	.07	4	.1	75	<.3	<.1	4.4	2
RRE 37779	5.6	47.9	3.3	101.1	72	79	49	2770	15.80	23.1	<5	3	68	.23	3.4	.3	162	1.69	.097	27	7	.70	655	.01	<2	1.75	<.01	.07	6	.1	72	.4	.2	4.5	2
37780	1.2	3.3	6.8	25.8	81	2	2	75	2.38	47.4	<5	10	23	.02	7.4	<.1	19	.30	.118	41	1	.06	49	<.01	<2	.73	.01	.07	<2	.1	737	<.3	.4	2.5	<1
37781	1.4	22.3	6.1	87.9	74	3	1	979	2.51	2.6	<5	3	3	.07	.4	.1	4	.09	.020	24	3	.43	82	<.01	2	1.15	.02	.23	<2	<.1	13	<.3	.1	2.7	<1
STANDARD	22.8	129.6	85.6	257.9	1911	26	13	960	4.36	73.4	17	21	52	2.36	10.0	20.8	64	.67	.092	17	49	1.14	237	.13	24	2.23	.04	.71	21	2.1	481	.9	2.1	6.9	530

Standard is STANDARD D\AU-R.

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 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 GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP.

- SAMPLE TYPE: ROCK AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 29 1995 **DATE REPORT MAILED:** July 14/95 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL EXTRACTION & ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 249 File # 95-3906 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: C. Payne

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
46800	2.5	8.1	135.0	389.1	615	5	6	77	2.43	56.0	<5	<1	30	1.32	7.3	1.2	2	.30	.038	2	6	.10	49	<.01	<2	.20	<.01	.12	<2	.8	289	<.3	.7	<.5	15
52973	1.8	68.2	367.0	402.5	980	3	1	129	2.42	8.3	<5	1	13	1.64	1.8	.6	33	.41	.033	2	8	.21	71	.18	<2	.20	.09	.06	<2	.1	334	.4	.3	1.9	11
52974	4.9	31.5	361.0	976.4	546	10	1	141	1.24	2.9	<5	6	65	2.40	.5	.5	18	.87	.024	24	10	.03	93	.05	<2	.65	.13	1.30	<2	.2	661	.7	<.1	2.2	<1
52975	5.3	3.3	28.0	65.0	46	3	<1	94	.70	2.5	<5	8	5	.19	.5	.5	2	.04	.007	46	6	.01	26	.02	<2	.39	.09	.24	<2	<.1	31	<.3	<.1	1.5	<1
52976	3.2	5.2	25.7	72.1	71	6	<1	221	.98	.9	<5	8	3	.18	.7	.3	3	.03	.004	50	8	.03	16	.04	<2	.26	.12	.15	2	<.1	18	<.3	<.1	1.0	<1
52977	1.8	2.7	26.9	50.8	<30	4	1	232	.66	11.1	<5	12	6	.09	.6	.2	5	.03	.019	21	5	.02	20	<.01	<2	.46	.06	.20	<2	<.1	127	<.3	<.1	1.5	<1
52978	3.1	2.5	15.6	54.3	<30	3	<1	180	1.07	2.3	<5	14	9	.06	.8	.3	5	.06	.006	29	4	.03	24	.03	<2	.36	.06	.19	<2	<.1	6	<.3	<.1	1.7	1
52979	1.4	1.9	23.5	43.7	48	1	<1	254	.69	1.9	<5	8	107	.08	1.2	.2	2	.32	.003	48	2	.03	356	.04	<2	.65	.50	.57	<2	.1	33	<.3	<.1	2.4	1
52980	3.2	3.5	17.1	29.4	33	4	<1	51	1.01	44.4	<5	10	7	.07	1.1	.2	1	.04	.002	36	6	.02	30	<.01	<2	.28	.05	.15	<2	<.1	197	<.3	<.1	1.8	2
52981	3.4	3.5	18.7	84.8	359	4	<1	1074	1.26	5.1	<5	10	6	.95	1.2	.1	8	.08	.006	65	6	.05	14	.03	<2	.30	.06	.17	2	.2	393	<.3	<.1	1.4	<1
~~RE 52981~~	3.2	3.3	18.5	84.6	347	5	<1	1063	1.23	4.3	<5	10	6	.93	1.2	.2	8	.08	.006	65	5	.05	18	.03	<2	.30	.06	.17	2	.1	391	<.3	<.1	1.4	<1
~~RRE 52981~~	2.6	3.5	20.5	88.7	270	4	<1	1113	1.31	3.7	<5	9	7	.74	1.1	.2	8	.09	.006	66	5	.05	16	.03	<2	.34	.07	.20	<2	.1	400	<.3	<.1	1.1	<1
52982	1.3	1.8	23.0	35.3	64	2	<1	65	.50	7.7	<5	9	11	.51	.9	.3	1	.07	.003	52	4	.02	34	.01	<2	.51	.12	.19	<2	<.1	270	<.3	<.1	1.7	<1
52983	2.7	5.5	5.4	21.4	<30	6	<1	397	.54	.6	<5	2	6	.08	<.2	.1	1	.15	.006	14	11	.08	36	.01	<2	.22	.07	.12	2	<.1	5	<.3	<.1	.8	<1
52984	1.6	6.2	10.7	35.7	36	5	<1	286	.65	2.4	<5	1	38	.09	.2	.1	22	.89	.046	6	9	.07	30	.17	<2	.85	.23	.04	<2	<.1	12	<.3	.1	2.0	<1
52985	1.8	44.4	8.2	52.7	58	30	13	532	3.67	1.6	<5	4	36	.11	.3	.1	102	.72	.113	21	71	1.23	53	.21	<2	1.00	.11	.10	<2	<.1	14	<.3	<.1	6.7	<1
52986	1.6	3.4	2.9	42.0	<30	4	3	785	1.64	<.5	<5	2	13	.11	<.2	.1	15	.74	.025	10	8	.88	16	.01	<2	.80	.07	.02	<2	<.1	<5	<.3	<.1	4.2	<1
52987	4.7	2.9	7.4	21.2	36	2	<1	110	1.11	29.1	<5	8	8	.04	1.0	.3	2	.11	.003	40	5	.04	14	.03	<2	.32	.17	.20	<2	.1	13	<.3	<.1	1.4	1
52988	8.7	4.1	10.8	16.3	1327	3	<1	58	1.29	409.8	<5	7	13	.04	10.6	.2	1	.06	.006	54	7	.02	58	<.01	<2	.30	.04	.19	<2	.1	3077	<.3	<.1	1.0	43
52989	3.2	4.7	10.2	10.5	143	4	<1	53	.54	237.5	<5	9	7	.04	8.8	.2	2	.05	.005	51	6	.03	24	<.01	<2	.30	.05	.18	<2	<.1	572	<.3	<.1	1.1	3
52990	4.7	4.0	19.7	6.5	389	2	<1	51	1.20	446.4	<5	10	9	.03	16.5	.3	1	.02	.006	47	5	.01	14	.01	<2	.20	.08	.18	<2	.1	430	<.3	<.1	.7	49
52991	11.6	5.7	13.2	13.3	1188	3	<1	49	3.32	593.2	<5	9	13	.04	14.6	.3	1	.04	.005	47	6	.01	40	<.01	2	.20	.05	.24	<2	.1	3484	<.3	.1	.8	50
~~RE 52991~~	9.6	4.5	14.7	12.2	1242	4	<1	52	3.30	581.1	<5	8	14	.03	15.3	.2	1	.04	.004	47	6	.01	36	<.01	<2	.20	.05	.25	<2	.1	3891	<.3	<.1	.7	50
~~RRE 52991~~	9.1	4.8	10.8	10.4	1189	5	<1	52	3.10	543.4	<5	8	12	.03	14.1	.2	1	.03	.005	45	8	.01	32	<.01	2	.20	.05	.24	<2	.1	3828	<.3	.1	.8	48
52992	4.2	3.2	16.0	15.5	182	3	<1	56	1.29	172.8	<5	9	10	.03	6.7	.2	1	.14	.003	44	4	.02	32	<.01	<2	.28	.07	.19	<2	<.1	512	<.3	.1	1.2	5
52993	6.5	2.3	12.9	18.8	70	3	<1	76	.77	68.2	<5	10	15	.04	3.5	.3	1	.18	.003	45	5	.02	24	.01	<2	.42	.26	.24	<2	.2	216	<.3	.1	2.0	<1
52994	10.5	2.8	10.6	15.7	48	3	<1	97	1.45	48.9	<5	7	8	.04	1.8	.4	1	.09	.003	42	7	.02	20	.02	<2	.33	.18	.23	<2	.1	77	<.3	.1	1.8	1
52995	2.5	2.8	4.4	3.8	59	3	<1	46	.35	25.4	<5	10	4	.02	1.6	.1	1	.02	.004	50	5	.01	18	<.01	<2	.24	.05	.19	<2	<.1	537	<.3	.1	1.1	9
52996	5.9	6.0	7.6	11.5	172	4	<1	58	1.19	208.7	5	9	11	.02	4.7	.2	3	.08	.006	54	6	.03	28	<.01	<2	.40	.06	.17	<2	.1	514	<.3	<.1	1.9	6
52997	5.8	3.6	7.1	9.9	<30	5	<1	117	.35	6.7	<5	8	30	.03	.3	.1	1	.04	.003	23	7	.01	98	.01	<2	.19	.05	.26	<2	.1	22	<.3	<.1	<.5	2
52998	3.4	3.4	11.4	37.7	<30	3	<1	200	1.56	14.1	<5	10	7	.05	.5	.2	6	.05	.023	42	5	.02	38	.02	<2	.45	.11	.28	<2	<.1	372	<.3	<.1	2.0	<1
52999	3.9	3.2	6.1	21.6	52	5	<1	57	.74	36.5	5	6	6	.03	1.8	2.8	1	.09	.003	33	7	.02	8	.01	<2	.23	.10	.13	<2	<.1	53	<.3	.1	1.1	<1
53000	3.5	4.3	6.9	4.4	37	7	1	44	.47	31.7	5	10	5	.04	1.3	.1	4	.03	.004	50	7	.01	16	<.01	<2	.23	.07	.19	<2	<.1	82	<.3	.1	.8	1
54275	2.8	2.7	9.7	24.3	<30	2	2	391	1.13	11.8	<5	9	9	.03	1.1	.2	4	.03	.015	45	4	.01	40	.02	<2	.31	.08	.20	<2	<.1	37	<.3	<.1	1.2	<1
STANDARD	22.5	132.0	82.7	293.7	2076	28	13	1029	4.66	78.8	18	22	63	2.34	9.4	22.7	66	.68	.091	19	54	1.13	232	.16	21	2.07	.05	.75	17	2.4	1856	.7	2.1	7.0	541

Standard is STANDARD D/C/AU-R.

ICP - 30 GRAM SAMPLE IS DIGESTED WITH 180 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 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 GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.

- SAMPLE TYPE: P1 TO P4 ROCK P5 TO P13 SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

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

DATE RECEIVED: OCT 2 1995 **DATE REPORT MAILED:** Oct 18/95 **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
54276	2.6	1.8	11.9	47.0	206	3	<1	271	.84	7.2	<5	11	1	.05	.6	.1	7	.01	.004	55	4	.01	9	.04	<2	.20	.05	.09	<2	.1	20	<.3	<.1	1.0	3
54277	7.7	24.3	14.1	26.1	529	4	2	86	2.01	310.7	<5	6	6	.16	10.7	.2	4	.45	.013	21	7	.01	16	.01	<2	.40	.02	.13	<2	.1	9598	<.3	.1	1.3	16
54278	6.1	4.6	6.5	8.6	897	4	1	86	.94	895.6	<5	1	21	.05	116.8	.1	2	.05	.004	1	7	.01	641	<.01	5	.20	.01	.18	<2	.6	2870	2.6	<.1	.9	294
54279	8.3	12.9	4.8	19.5	181	6	2	43	2.19	2203.5	<5	<1	9	.06	130.2	.1	1	.02	<.002	1	7	.01	55	<.01	4	.20	<.01	.14	<2	1.7	2212	.4	<.1	<.5	20
54362	2.0	1.9	12.5	26.4	33	4	<1	54	.43	29.5	<5	8	12	.07	1.3	<.1	1	.09	.004	46	5	.02	93	<.01	<2	.41	.08	.26	<2	.1	190	.3	.1	1.4	2
54363	11.6	3.1	21.9	47.3	58	3	<1	94	.81	16.4	<5	8	9	.08	1.3	.2	5	.11	.011	34	6	.02	42	<.01	<2	.56	.06	.18	<2	.2	118	<.3	.1	2.8	1
54364	3.2	2.5	12.7	28.6	<30	4	<1	107	1.37	29.6	<5	11	4	.02	1.5	.1	2	.02	.010	16	6	.02	24	.01	3	.43	.06	.19	<2	.1	50	<.3	.1	1.7	1
54365	7.1	4.4	8.5	32.0	53	6	<1	193	1.85	2.6	<5	3	2	.07	.9	<.1	3	.01	.005	10	10	.01	16	.01	<2	.14	.01	.05	2	<.1	41	<.3	<.1	2.4	1
54366	.8	2.2	12.3	37.1	<30	1	<1	246	.93	4.9	<5	8	3	.03	.5	.1	3	.03	.005	38	3	.02	26	.03	2	.33	.08	.16	<2	<.1	27	<.3	<.1	1.1	1
54367	3.8	2.4	5.6	5.7	178	6	1	82	.56	48.7	<5	3	7	.02	3.9	.2	1	.01	.004	10	6	<.01	39	<.01	<2	.18	.03	.24	<2	.2	3129	<.3	<.1	.8	65
54368	3.7	1.4	11.8	33.7	42	2	<1	69	.33	8.8	<5	12	32	.05	.3	.1	2	.27	.005	48	2	.03	20	.02	2	.65	.23	.97	<2	.4	263	<.3	<.1	3.0	2
54369	2.4	4.2	14.4	24.8	420	3	<1	891	1.70	3.9	<5	6	3	.04	.8	.1	14	.05	.006	46	6	.02	6	.02	<2	.28	.04	.12	5	<.1	49	<.3	.1	1.1	10
~~RE 54369~~	2.4	4.1	14.2	23.3	422	3	<1	858	1.63	3.3	<5	6	3	.03	.8	.1	14	.05	.005	45	6	.02	11	.02	<2	.27	.04	.11	6	<.1	48	<.3	<.1	1.0	2
~~RRE 54369~~	2.6	3.8	13.6	23.4	355	4	<1	1009	1.59	3.2	<5	5	3	.03	.7	.1	13	.05	.005	45	6	.02	9	.02	<2	.25	.03	.11	5	.1	50	<.3	.1	1.0	1
54370	3.8	1.7	13.8	24.1	40	<1	1	141	.80	17.3	5	8	3	.04	.9	.1	2	.05	.008	47	2	.03	7	.01	<2	.37	.05	.14	<2	.1	715	<.3	<.1	2.2	1
54371	1.4	2.2	4.6	55.6	<30	3	1	252	.59	4.4	<5	12	2	.02	.4	.1	5	.05	.005	56	3	.02	6	.03	3	.20	.05	.11	<2	<.1	221	<.3	.1	.8	1
54372	4.4	1.7	4.7	12.5	<30	2	<1	144	.58	83.6	<5	12	3	.01	3.0	.1	2	.06	.004	54	3	.02	2	.01	<2	.21	.04	.11	<2	.1	1554	<.3	.1	.8	1
54373	2.8	3.7	5.2	45.3	<30	5	<1	308	.82	2.7	<5	8	2	.02	.4	.1	3	.03	.005	31	8	.02	7	.02	<2	.15	.04	.08	2	<.1	76	<.3	<.1	.8	1
54374	3.5	3.5	3.1	76.1	<30	3	<1	216	.64	3.6	<5	10	3	.03	.5	.1	3	.05	.005	49	5	.03	9	.02	<2	.17	.04	.09	<2	.1	282	<.3	.1	1.0	1
54375	2.4	2.6	4.4	27.9	<30	4	<1	200	.73	6.9	<5	10	3	.01	.5	.1	3	.05	.003	29	6	.02	<2	.02	<2	.17	.04	.08	<2	.1	211	<.3	.1	.9	2
54376	4.7	20.9	41.0	20.1	67	10	<1	179	.55	2.2	<5	8	2	.07	7.5	.1	1	.02	.002	24	14	.01	9	.01	<2	.15	.05	.16	2	.1	18	<.3	.1	.6	4
54377	6.0	14.7	6.6	6.0	280	4	1	163	1.40	1271.8	<5	5	21	.07	24.5	.3	4	.07	.010	32	8	.02	85	<.01	<2	.30	.01	.18	<2	.1	32	.5	.3	2.5	69
54378	1.4	1.9	10.8	26.2	<30	2	<1	182	.75	14.7	<5	6	40	.03	.5	.2	2	.12	.003	34	5	.01	68	.04	<2	.36	.09	.70	<2	<.1	19	<.3	<.1	1.0	2
54379	4.2	2.9	11.1	23.7	74	4	1	88	.75	26.7	<5	11	5	.06	1.3	.2	3	.04	.004	19	5	.03	26	.01	<2	.50	.07	.21	<2	.1	892	<.3	<.1	2.2	2
~~RE 54379~~	4.3	3.2	11.5	25.4	84	4	<1	86	.77	28.7	<5	12	5	.07	1.4	.2	3	.04	.004	20	6	.03	24	.01	<2	.54	.07	.22	<2	.1	956	<.3	.1	2.5	2
~~RRE 54379~~	3.4	3.3	9.7	25.8	90	4	1	87	.74	35.4	<5	12	5	.08	1.6	.2	3	.04	.004	21	4	.03	26	.01	<2	.54	.06	.22	<2	.1	916	<.3	.1	2.7	2
54380	4.5	2.3	10.6	28.1	<30	4	<1	111	.77	15.1	<5	11	3	.04	1.7	.2	3	.04	.003	39	4	.04	11	.05	<2	.29	.10	.18	<2	.1	25	<.3	.1	1.2	1
54381	1.9	4.2	1.6	17.5	<30	6	2	728	1.42	2.2	<5	2	11	.04	<.2	.1	16	.49	.025	11	8	.37	22	.04	2	.41	.06	.08	<2	<.1	20	<.3	.1	2.0	1
54382	3.0	12.8	3.0	10.0	<30	5	1	207	.73	6.6	<5	18	4	.02	.2	.1	3	.04	.005	23	8	.04	15	<.01	<2	.29	.04	.10	<2	<.1	21	<.3	.1	2.6	1
54383	1.9	4.5	1.4	58.3	<30	3	3	496	1.99	1.6	<5	3	3	.02	<.2	.1	18	.05	.014	9	6	1.25	17	.01	<2	1.30	.05	.08	<2	<.1	10	<.3	<.1	7.8	3
54384	4.1	2.9	16.1	23.3	<30	4	<1	259	1.09	3.0	<5	10	3	.06	<.2	.1	3	.06	.006	28	5	.04	6	.04	<2	.25	.05	.12	<2	.1	12	<.3	<.1	1.3	1
54385	4.0	2.3	10.3	29.9	53	2	1	303	.72	7.3	<5	11	4	.12	.3	.1	4	.05	.007	53	2	.03	8	.05	<2	.28	.06	.13	<2	.1	22	<.3	<.1	1.3	2
54386	1.6	1.9	4.0	54.5	<30	3	1	158	.67	3.2	<5	15	2	.02	.2	.2	5	.04	.008	60	3	.02	11	.05	<2	.24	.05	.09	<2	<.1	12	<.3	<.1	1.1	5
54387	1.7	1.7	7.1	93.2	<30	2	<1	222	.70	2.5	<5	11	5	.04	.2	.2	5	.06	.006	59	3	.02	9	.04	<2	.18	.05	.08	<2	<.1	12	<.3	.1	.8	2
STANDARD	21.9	133.3	82.4	275.5	1950	25	12	980	4.40	74.7	23	18	54	2.44	10.2	20.6	67	.67	.085	16	50	1.17	236	.14	20	2.25	.05	.71	21	2.3	1833	1.1	2.1	7.1	466

Standard is STANDARD D/C/AU-R. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
54388	6.9	12.3	5.0	17.2	195	5	1	41	1.90	2678.1	<5	2	39	.04	62.9	.1	4	.07	.049	6	7	.01	76	<.01	<2	.33	<.01	.28	2	.2	723	1.4	<.1	.8	65
54389	7.7	11.6	6.2	25.1	293	8	4	48	2.43	1779.0	<5	2	30	.37	78.1	.1	1	.07	.025	2	6	.01	47	<.01	<2	.25	<.01	.19	2	1.2	1092	1.2	<.1	.8	8
54390	1.8	37.4	2.7	79.9	36	35	18	729	3.97	13.2	<5	4	81	.12	.5	<.1	109	2.25	.115	17	73	1.76	56	.16	<2	1.44	.11	.11	<2	<.1	68	<.3	<.1	7.1	2
54391	4.4	2.5	12.5	47.6	49	2	<1	176	1.47	23.9	<5	13	2	.03	1.0	.1	8	.02	.010	46	5	.02	4	.04	<2	.22	.06	.11	<2	.1	57	<.3	<.1	1.2	<1
54392	2.4	2.1	5.2	61.8	<30	5	1	246	.95	15.8	<5	15	2	.04	1.5	<.1	6	.02	.010	79	4	.01	8	.04	<2	.25	.06	.12	<2	.1	64	<.3	<.1	1.2	1
54393	2.8	1.7	5.6	58.1	<30	3	1	153	.83	5.4	<5	14	2	.01	.4	.1	7	.02	.006	52	4	.02	3	.05	<2	.19	.05	.10	<2	.1	<5	<.3	<.1	1.0	<1
54394	1.2	1.8	3.2	48.6	<30	4	1	134	.53	6.7	<5	14	2	.01	.3	<.1	5	.02	.009	62	4	.01	10	.05	<2	.23	.07	.12	<2	<.1	8	<.3	<.1	.8	<1
54395	2.3	1.6	3.8	44.7	36	4	<1	135	.72	4.5	<5	9	1	.01	.2	<.1	6	.01	.007	79	4	.02	5	.05	<2	.23	.06	.12	<2	<.1	<5	<.3	<.1	.7	11
54396	3.4	2.8	8.3	60.6	55	4	<1	152	.99	5.8	<5	10	1	.03	.4	.1	7	.01	.006	61	5	.01	<2	.05	<2	.20	.08	.13	2	.1	<5	<.3	<.1	1.1	2
54397	1.8	2.1	6.8	55.9	<30	5	<1	124	.61	4.0	<5	15	1	.01	.3	.2	6	.01	.007	57	3	.01	5	.05	<2	.19	.06	.10	2	.1	9	<.3	<.1	.7	1
54398	7.5	2.0	4.7	158.0	<30	<1	<1	587	11.97	207.8	<5	10	4	.18	8.0	.1	15	.02	.020	43	5	.01	16	.01	<2	.29	.04	.09	2	.2	37	<.3	.1	3.1	1
RE 54398	8.4	2.0	3.7	173.8	<30	<1	<1	640	13.40	226.7	<5	10	4	.24	9.8	.1	17	.02	.023	45	6	.01	16	.01	<2	.31	.04	.09	3	.3	43	<.3	.4	3.5	1
RRE 54398	9.7	2.4	.8	185.1	<30	<1	<1	606	14.79	256.0	<5	11	4	.31	9.9	.2	18	.02	.024	49	7	.01	16	.01	<2	.35	.05	.11	2	.4	35	<.3	.5	5.1	2
54399	3.6	3.6	3.3	7.9	137	6	1	240	.52	132.6	<5	2	9	.03	17.0	.1	2	.05	.004	2	7	.02	129	<.01	4	.22	<.01	.16	2	.4	3773	<.3	<.1	.8	31
54400	3.0	2.9	10.4	8.7	155	5	1	64	.41	107.5	<5	1	7	.02	71.0	.2	1	.04	<.002	2	7	.01	52	<.01	3	.18	<.01	.11	2	.1	2023	<.3	<.1	.6	29
54801	1.6	14.5	2.3	55.6	<30	3	7	547	3.59	8.2	<5	2	60	.02	.8	.1	73	.47	.079	5	9	.61	69	.17	<2	1.17	.07	.16	<2	.1	52	1.2	.2	5.7	1
54802	6.0	5.9	10.9	45.9	45	4	1	319	1.93	774.4	<5	1	21	.09	28.1	.2	4	.10	.038	3	5	.02	186	<.01	<2	.36	<.01	.23	2	.2	550	<.3	<.1	1.1	1
54803	4.6	3.4	4.5	45.1	47	4	<1	70	.89	32.5	<5	1	8	.01	3.4	.1	<1	.06	<.002	4	6	.02	30	<.01	3	.27	<.01	.19	3	.1	340	<.3	<.1	.7	2
54804	5.9	3.4	8.7	7.0	832	6	1	57	1.14	347.5	<5	1	63	.02	127.4	.2	4	.05	.017	3	7	.02	117	<.01	2	.31	.01	.31	2	.4	2681	1.0	<.1	1.4	91
54805	6.3	6.5	5.1	19.9	197	6	<1	90	.88	1427.7	<5	1	23	.14	331.1	<.1	1	.03	.007	2	8	.01	195	<.01	2	.26	<.01	.17	2	.3	2222	.5	<.1	.8	24
54806	11.8	11.9	2.3	6.3	2540	5	1	116	1.52	5904.4	<5	2	32	.08	595.2	2.0	2	.04	.010	2	8	.02	511	<.01	<2	.18	.01	.17	2	2.0	13134	5.0	2.0	5.0	654
54807	9.0	15.1	4.1	9.8	966	9	1	67	1.11	1573.8	<5	1	18	.04	156.8	.3	1	.03	.003	2	10	.01	166	<.01	<2	.22	<.01	.16	3	.5	540	1.8	<.1	1.4	62
54808	3.0	7.1	12.7	47.4	107	4	1	28	.88	49.3	<5	1	24	.21	9.4	.2	1	.04	.002	4	4	.02	100	<.01	3	.31	<.01	.22	2	.1	1361	<.3	<.1	1.2	5
RE 54808	3.1	7.2	12.2	47.4	112	5	1	26	.89	50.9	<5	1	25	.22	8.7	.2	1	.04	.002	4	5	.02	103	<.01	5	.31	<.01	.22	2	.2	1547	<.3	<.1	1.1	2
RRE 54808	3.3	6.7	12.9	60.8	114	6	2	34	.95	59.2	<5	2	26	.23	10.9	.2	1	.05	.003	4	6	.02	109	<.01	5	.32	<.01	.22	2	.2	1623	<.3	<.1	1.2	6
54809	7.3	4.4	5.3	11.2	577	6	1	92	1.19	1506.0	<5	1	32	.05	106.7	.3	2	.05	.008	1	8	.02	116	<.01	4	.27	.01	.31	2	1.1	4541	2.5	<.1	1.4	202
54810	5.8	6.5	8.0	57.2	110	5	1	227	1.44	942.7	<5	1	16	.14	34.3	.2	2	.08	.013	5	7	.03	136	<.01	2	.39	<.01	.24	2	.2	1072	<.3	.1	1.2	5
54811	7.1	7.3	2.6	7.7	576	6	<1	44	.94	1040.5	<5	1	20	.04	102.6	.2	2	.04	.009	4	7	.02	74	<.01	<2	.21	<.01	.18	3	.3	599	1.5	.2	.8	75
54812	6.4	6.1	8.6	3.8	364	7	<1	41	.93	581.5	<5	1	31	.02	72.1	.1	2	.04	.010	2	9	.01	44	<.01	2	.23	<.01	.22	3	.2	601	.7	.1	1.2	38
54813	5.4	4.4	5.0	3.4	289	4	1	93	.73	299.1	<5	1	27	.04	98.3	.2	3	.06	.005	3	7	.02	146	<.01	2	.30	<.01	.22	2	.6	11081	.3	<.1	1.5	59
54814	7.7	8.1	5.0	7.0	557	6	<1	87	1.48	841.7	<5	1	63	.07	297.6	.3	3	.02	.017	2	10	.01	70	<.01	<2	.15	.02	.13	4	.4	1075	1.2	<.1	.8	66
54815	9.0	4.4	11.3	1.7	59	7	<1	121	.76	38.0	<5	4	5	.01	4.6	.6	1	<.01	<.002	13	10	<.01	10	.01	<2	.06	.01	.09	4	.1	162	<.3	<.1	.5	4
54816	5.4	2.9	9.6	3.8	139	3	<1	62	.82	52.2	<5	7	7	.01	7.6	.1	1	.03	.002	26	5	.01	25	<.01	<2	.27	.04	.21	3	.1	3072	<.3	.1	1.2	7
54817	3.2	3.2	10.0	2.5	88	3	<1	32	.85	122.2	<5	9	3	.01	4.8	.2	1	.01	.005	48	5	.01	21	<.01	<2	.26	.07	.18	3	.1	788	<.3	<.1	1.0	6
STANDARD	21.4	118.6	82.0	273.2	1847	27	16	985	4.24	79.1	19	21	60	2.20	9.8	20.4	67	.63	.094	16	49	1.12	233	.16	21	2.03	.05	.80	18	2.2	1879	1.0	2.3	6.9	487

Standard is STANDARD D/C/AU-R. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
54818	1.5	3.2	5.5	44.0	41	5	<1	113	.53	4.6	<5	5	2	.02	1.3	.1	2	.01	.004	39	7	.01	8	.02	<2	.14	.04	.09	<2	.1	53	.3	.1	<.5	<1
54819	.7	13.2	11.0	63.2	<30	8	5	283	1.72	9.6	<5	6	11	.06	2.1	.2	29	.09	.033	18	8	.03	33	.01	<2	.67	<.01	.12	<2	.2	660	.3	.1	2.5	<1
54820	1.7	4.6	7.3	54.0	<30	3	1	743	1.04	1.6	<5	18	7	.05	.2	.1	6	.09	.009	60	5	.08	20	.05	<2	.39	.04	.18	<2	.1	16	<.3	<.1	2.0	<1
54821	2.6	3.2	3.6	29.3	<30	6	1	304	.95	12.0	<5	11	3	.01	1.7	<.1	3	.04	.005	45	7	.02	11	.01	<2	.25	.04	.13	<2	<.1	955	<.3	<.1	.7	<1
54822	1.8	2.5	4.6	32.7	<30	5	<1	507	.91	12.9	<5	10	3	.01	.7	.1	2	.07	.005	28	7	.03	8	.01	<2	.28	.04	.10	<2	<.1	164	<.3	<.1	.9	2
54823	2.7	3.1	5.0	37.1	<30	8	<1	109	.55	2.4	<5	9	6	.03	.5	.1	1	.10	.004	88	10	.05	8	.01	<2	.42	.03	.10	<2	.1	159	<.3	<.1	.9	1
~~RE 54823~~	2.7	3.1	5.0	37.6	<30	8	1	110	.54	2.2	<5	10	6	.03	.5	.1	2	.10	.005	87	10	.05	6	.01	<2	.41	.04	.10	<2	<.1	150	<.3	<.1	.8	<1
~~RRE 54823~~	2.1	3.3	4.5	34.6	<30	7	<1	108	.54	1.4	<5	9	6	.04	.4	.1	2	.11	.004	92	9	.06	3	<.01	<2	.57	.04	.11	<2	.1	168	<.3	.1	1.3	<1
54901	2.6	2.8	8.0	8.3	<30	4	1	193	.65	20.9	<5	11	5	.02	1.3	.2	3	.05	.016	68	6	.02	27	<.01	<2	.26	.05	.19	<2	<.1	457	<.3	<.1	<.5	<1
54902	7.2	2.7	6.5	18.3	<30	2	1	82	.65	29.8	<5	10	3	.03	1.1	.1	2	.05	.009	55	5	.01	8	<.01	<2	.44	.09	.30	<2	.2	56	<.3	<.1	1.9	<1
STANDARD D/C/AU-R	23.2	122.3	92.2	293.3	1943	31	15	969	4.60	80.6	19	23	60	2.41	9.8	21.7	65	.69	.102	18	53	1.22	229	.15	25	2.04	.05	.74	16	2.2	1957	1.0	2.3	7.1	512

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

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL EXTRACTION & ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 249 File # 95-3906 Page 5

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: C. Payne

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
54501	1.4	2.8	5.6	109.3	33	3	4	714	1.56	2.0	<5	1	12	.07	<.2	.1	30	.12	.026	11	12	.12	68	.05	<2	.91	.01	.05	<2	.1	34	<.3	.2	3.2	1
54502	.9	4.5	4.8	59.6	38	5	4	458	1.81	2.8	<5	2	25	.06	.2	.2	36	.21	.042	15	17	.15	109	.07	<2	1.01	.02	.06	<2	.1	30	.3	.1	2.7	<1
54503	1.3	2.9	5.3	88.3	39	5	4	1040	1.62	2.1	<5	1	12	.10	<.2	.1	32	.13	.045	13	15	.12	92	.07	<2	1.17	.02	.05	<2	<.1	40	.3	<.1	3.2	<1
54504	.5	1.8	5.3	25.2	<30	1	<1	90	.35	.9	<5	<1	20	.04	<.2	.1	8	.15	.019	14	4	.03	74	.03	<2	.46	.01	.04	<2	.1	33	<.3	.1	1.8	2
54505	.7	3.9	5.0	66.3	108	5	4	217	1.98	2.4	<5	2	22	.05	<.2	.2	37	.18	.043	13	16	.18	97	.07	<2	1.15	.01	.05	<2	.1	25	<.3	.1	2.8	<1
54506	1.6	5.3	10.3	242.7	432	4	3	3146	1.93	1.5	<5	1	27	.37	.3	.3	32	.25	.084	23	13	.12	232	.05	<2	1.12	.02	.07	<2	.1	55	<.3	.1	4.2	<1
54507	.7	4.2	5.9	71.9	124	6	3	248	1.84	1.3	<5	2	19	.08	.2	.2	36	.18	.046	13	16	.16	85	.08	<2	.81	.02	.05	<2	.1	20	<.3	<.1	3.9	1
RE 54507	.6	3.4	4.9	71.0	84	5	2	224	1.87	1.2	<5	2	19	.07	<.2	.2	37	.17	.046	12	14	.16	87	.08	<2	.80	.01	.05	<2	.1	25	<.3	.1	2.9	1
54508	.4	4.1	4.8	28.3	<30	4	3	171	1.57	1.4	<5	2	26	.02	<.2	.1	34	.27	.029	17	17	.24	66	.12	<2	.77	.02	.05	<2	.1	15	<.3	.1	2.0	1
54509	.4	4.4	5.0	28.6	<30	6	3	273	1.51	1.5	<5	2	27	.02	<.2	.2	31	.29	.031	14	16	.25	79	.11	<2	.89	.01	.06	<2	<.1	13	<.3	.1	2.5	2
54510	.8	5.5	5.1	33.9	<30	7	4	225	2.09	2.6	<5	3	25	.03	.2	.1	43	.24	.044	11	20	.27	117	.09	3	.97	.02	.05	<2	.1	16	<.3	.1	3.0	<1
54511	1.1	5.1	7.2	78.5	<30	6	4	205	1.87	3.5	<5	2	18	.03	<.2	.1	35	.17	.047	15	16	.20	83	.06	<2	1.45	.01	.06	<2	.1	41	<.3	<.1	4.8	1
54512	.8	3.5	5.3	53.2	<30	9	4	159	2.12	3.0	<5	2	17	.02	<.2	.1	41	.15	.060	10	19	.17	77	.10	<2	1.52	.01	.05	<2	<.1	24	<.3	.1	3.7	<1
54513	.9	5.6	6.6	53.7	34	7	4	228	2.04	4.1	<5	2	17	.03	.2	.1	37	.16	.084	11	16	.19	106	.06	<2	1.34	.01	.06	<2	.1	28	<.3	<.1	4.4	2
54514	.8	5.2	5.0	30.4	<30	7	4	216	2.03	5.1	<5	2	24	.02	.3	.2	41	.24	.098	14	19	.20	122	.08	<2	1.03	.02	.06	<2	.1	18	<.3	.1	2.7	1
54515	.6	4.4	5.3	37.4	<30	7	3	230	1.53	1.7	<5	1	23	.02	<.2	.1	33	.20	.025	11	14	.19	85	.09	<2	.85	.02	.04	<2	<.1	16	<.3	<.1	3.0	2
54516	.9	5.3	6.8	35.0	139	5	3	199	2.62	4.4	<5	2	26	.02	.4	.3	49	.23	.055	19	20	.17	120	.10	<2	.83	.02	.04	<2	.1	15	<.3	<.1	2.6	1
54517	.8	3.4	5.8	69.5	125	6	3	417	2.24	2.8	<5	2	17	.05	.2	.2	44	.17	.063	12	18	.15	81	.08	<2	.98	.01	.05	<2	<.1	30	<.3	<.1	3.4	<1
54518	2.1	2.9	7.4	143.8	83	4	3	1320	1.69	2.0	<5	1	17	.17	<.2	.2	32	.24	.028	16	12	.13	77	.05	2	1.36	.01	.06	<2	.1	43	<.3	.1	4.2	1
54519	1.0	5.2	6.2	83.7	115	5	3	400	2.10	3.7	<5	2	22	.09	.2	.2	42	.21	.058	13	18	.19	79	.08	<2	1.10	.02	.05	<2	<.1	31	<.3	.1	3.3	1
54520	.8	4.2	4.8	52.3	<30	5	3	469	1.70	2.6	<5	1	26	.04	<.2	.1	35	.24	.068	11	16	.14	87	.07	<2	.82	.02	.05	<2	<.1	30	<.3	<.1	2.4	1
54521	.8	4.0	4.6	44.3	<30	5	4	399	1.89	2.8	<5	2	21	.07	<.2	.2	38	.19	.041	12	17	.15	85	.08	<2	.77	.02	.06	<2	<.1	21	<.3	.1	2.0	1
54522	.9	3.7	4.9	44.8	<30	6	3	279	1.78	3.0	<5	2	15	.03	.2	.1	35	.15	.056	11	16	.14	63	.07	3	.91	.01	.06	<2	<.1	26	<.3	<.1	3.0	1
54523	.9	2.0	5.7	66.2	163	4	2	122	1.15	2.3	<5	2	17	.01	.2	.1	23	.17	.011	13	10	.09	78	.05	2	.86	.02	.05	<2	.1	28	<.3	.1	2.5	1
54524	2.5	1.7	7.8	60.8	252	2	<1	101	1.02	13.6	<5	3	29	.06	.3	.1	17	.27	.013	24	7	.09	136	.01	<2	.84	.01	.10	<2	.1	29	<.3	<.1	2.3	1
54525	2.2	4.1	5.7	46.5	<30	9	3	212	2.03	4.3	<5	1	26	.05	.3	.1	40	.21	.032	12	18	.17	90	.08	<2	.86	.01	.05	<2	<.1	25	<.3	<.1	3.3	1
54526	1.6	13.9	3.7	93.5	49	60	15	690	3.93	5.0	<5	2	45	.11	<.2	.1	89	.49	.035	13	112	.89	135	.03	<2	2.45	.02	.07	<2	.1	28	<.3	<.1	7.7	1
54527	.9	6.0	5.8	56.9	31	7	4	545	2.32	3.3	<5	2	28	.07	.2	.2	45	.26	.074	15	21	.18	129	.08	2	1.00	.02	.06	<2	.1	32	<.3	<.1	3.0	1
54528	.7	4.7	7.0	43.0	33	5	3	268	1.84	1.8	<5	1	25	.03	.2	.1	38	.22	.024	17	16	.16	78	.09	<2	.88	.01	.05	<2	<.1	20	<.3	.1	3.3	1
54529	.7	4.6	5.2	40.1	67	6	4	303	2.11	2.4	<5	1	24	.04	.2	.2	40	.21	.062	13	16	.17	111	.08	<2	.89	.01	.05	<2	<.1	22	<.3	<.1	2.9	1
54530	.6	3.5	5.6	34.0	<30	5	2	150	1.73	1.7	<5	1	16	.02	<.2	.1	38	.14	.047	10	15	.12	63	.09	<2	.74	.02	.04	<2	<.1	18	<.3	<.1	3.1	1
54531	.9	5.9	8.8	55.4	76	5	4	375	2.00	2.9	<5	1	24	.04	.2	.1	40	.24	.027	26	18	.23	68	.09	3	.99	.02	.06	<2	.1	28	<.3	.1	3.5	<1
54532	.9	4.5	5.4	109.5	88	8	4	387	2.09	3.2	<5	2	29	.11	.2	.1	42	.34	.064	14	17	.18	78	.08	3	1.00	.01	.06	<2	<.1	20	<.3	.1	3.5	<1
54533	.9	3.6	8.1	95.7	140	5	2	228	1.88	3.7	<5	2	22	.07	.2	.1	35	.24	.068	14	15	.16	95	.06	2	1.23	.01	.05	<2	.1	31	<.3	<.1	4.4	1
STANDARD	20.9	113.6	87.1	259.3	1817	27	13	984	4.17	70.6	17	19	53	2.18	9.8	20.2	64	.64	.091	16	51	1.10	235	.13	25	2.17	.04	.68	17	2.3	1927	.8	2.0	6.7	52

Standard is STANDARD D/C/AU-S.

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 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 GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.

- SAMPLE TYPE: P1 TO P4 ROCK P5 TO P13 SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

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

DATE RECEIVED: OCT 2 1995 **DATE REPORT MAILED:** Oct 18/95 **SIGNED BY** .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
54534	1.0	3.3	4.6	53.1	56	6	5	601	1.76	3.4	<5	2	20	.08	.2	<.1	33	.18	.050	12	14	.17	92	.07	<2	.96	.01	.09	<2	.1	26	.3	<.1	3.2	1
54535	2.1	4.1	5.4	57.3	58	7	3	219	1.79	5.9	<5	2	31	.04	.4	.1	42	.30	.027	17	16	.18	63	.12	<2	.82	.02	.06	<2	<.1	20	<.3	.1	2.9	1
54536	1.8	4.2	5.8	80.5	33	8	4	242	2.19	5.4	<5	2	19	.05	.2	<.1	46	.17	.030	11	19	.20	81	.12	<2	1.09	.01	.05	<2	.1	19	<.3	.1	3.1	1
54537	.6	11.7	4.5	61.8	90	10	3	271	1.84	8.8	<5	4	132	.11	.7	.1	49	1.60	.054	92	16	.26	126	.08	3	1.47	.05	.16	<2	.1	9	.3	.1	4.8	5
54538	.9	3.6	4.8	36.4	<30	4	4	165	2.19	5.5	<5	2	20	.01	<.2	<.1	48	.18	.039	11	15	.17	79	.09	<2	.89	.01	.05	<2	<.1	24	<.3	<.1	3.4	<1
54539	.7	5.1	4.2	37.5	<30	7	4	185	2.18	4.6	<5	2	19	.01	<.2	<.1	46	.19	.042	11	17	.21	108	.10	<2	1.30	.01	.06	<2	<.1	28	<.3	.1	3.0	<1
54540	.8	2.7	4.1	36.6	<30	4	5	237	3.09	3.5	<5	2	40	.01	<.2	.1	41	.64	.159	27	8	.13	124	.02	<2	1.12	.02	.03	<2	.1	104	<.3	<.1	2.5	<1
54541	.7	3.3	5.4	44.2	<30	5	3	288	1.92	1.5	<5	1	17	.03	<.2	.1	40	.16	.039	11	14	.13	85	.07	<2	.72	.01	.04	<2	<.1	11	<.3	<.1	2.6	<1
54542	1.3	5.0	6.3	59.6	134	4	4	704	1.99	2.6	<5	1	24	.18	.3	.1	35	.19	.085	17	13	.10	102	.05	2	.78	.02	.09	<2	.1	82	<.3	<.1	3.5	<1
54543	1.0	3.4	6.4	69.1	61	4	3	500	1.61	2.5	<5	2	17	.07	.2	.1	33	.17	.069	13	13	.08	63	.07	<2	.70	.01	.07	<2	<.1	27	.3	.1	3.2	<1
54544	.9	2.7	6.2	112.1	303	4	3	678	1.28	2.6	<5	1	21	.04	<.2	.1	24	.20	.032	14	10	.11	88	.06	<2	1.07	.02	.05	<2	.1	43	<.3	<.1	3.1	<1
~~RE 54544~~	.9	2.5	5.9	104.5	306	4	3	661	1.21	2.5	<5	1	20	.03	<.2	<.1	23	.19	.031	13	10	.11	86	.05	<2	1.02	.01	.05	<2	.1	43	.4	.1	3.2	<1
54545	.6	3.5	5.1	83.6	167	6	3	193	1.54	3.4	<5	2	17	.02	.2	<.1	31	.16	.022	12	11	.14	65	.09	<2	1.02	.01	.04	<2	.1	16	<.3	.1	3.1	<1
54546	.8	3.1	5.7	102.6	263	6	4	714	1.25	2.3	<5	2	26	.04	<.2	<.1	28	.30	.033	20	9	.13	87	.08	2	.85	.01	.08	<2	<.1	51	<.3	.1	2.7	<1
54547	.7	3.3	5.6	47.7	43	5	3	243	1.59	2.9	<5	2	23	.01	<.2	<.1	32	.20	.017	17	12	.18	59	.09	<2	.94	.02	.05	<2	.1	19	<.3	<.1	3.1	<1
54548	.9	4.2	5.4	136.2	75	7	4	464	1.93	3.3	<5	2	24	.06	.2	<.1	38	.31	.077	13	14	.21	85	.09	2	1.27	.01	.08	<2	.1	29	<.3	.1	4.3	<1
54549	.9	2.9	5.6	156.5	39	4	4	386	1.67	1.2	<5	3	17	.16	<.2	<.1	37	.20	.030	13	14	.16	67	.10	4	.93	.02	.06	<2	<.1	19	<.3	<.1	4.1	1
54550	1.6	3.0	6.8	126.6	107	5	4	509	1.47	2.3	<5	2	15	.09	<.2	.1	32	.18	.036	12	11	.12	54	.09	2	.93	.01	.06	<2	<.1	37	<.3	<.1	3.7	9
54551	1.1	6.0	5.0	53.6	33	7	3	206	1.98	3.9	<5	2	16	.04	.2	.1	41	.18	.027	12	15	.19	49	.10	<2	1.29	.01	.05	<2	.1	31	<.3	.1	4.1	1
54552	1.2	4.1	6.5	105.4	<30	7	3	702	1.67	2.2	<5	2	11	.12	<.2	.1	32	.14	.054	13	11	.15	36	.08	<2	1.51	.01	.07	<2	.1	33	<.3	<.1	4.2	<1
54553	.6	2.9	4.2	61.9	<30	8	3	460	1.49	2.3	<5	2	14	.06	<.2	<.1	32	.18	.051	11	11	.15	52	.09	<2	1.01	.01	.07	<2	.1	26	<.3	.1	3.2	<1
54554	.8	4.2	3.9	48.0	<30	6	2	284	1.59	3.1	<5	2	15	.05	<.2	<.1	35	.20	.040	10	13	.16	42	.10	<2	.92	.01	.06	<2	.1	18	<.3	<.1	2.9	<1
54555	.8	3.4	4.7	55.5	34	5	3	416	1.70	2.4	<5	2	20	.04	.2	.1	38	.27	.055	11	14	.15	52	.11	<2	.88	.01	.07	<2	.1	18	<.3	.1	3.5	5
54556	.5	3.0	4.6	49.7	<30	7	4	290	1.76	2.2	<5	2	16	.03	<.2	<.1	37	.20	.086	10	13	.13	54	.09	<2	.98	.01	.06	<2	<.1	33	<.3	.1	3.6	<1
54557	.5	7.0	5.8	44.5	37	7	4	331	1.59	1.7	<5	2	16	.05	<.2	<.1	35	.18	.030	12	13	.16	46	.09	<2	.90	.01	.04	<2	<.1	27	<.3	<.1	3.6	1
54558	.8	4.3	4.9	51.9	74	6	3	302	1.88	2.1	<5	1	26	.05	.2	<.1	43	.28	.047	10	15	.17	56	.09	3	.70	.01	.07	<2	.1	26	<.3	.1	3.5	<1
54559	.6	3.0	5.1	60.4	43	5	3	396	1.60	1.8	<5	2	17	.05	<.2	.1	33	.20	.104	13	11	.13	63	.08	<2	.86	.01	.06	<2	<.1	34	<.3	<.1	3.1	1
54560	1.0	4.6	6.5	108.9	56	5	4	886	1.59	1.7	<5	2	28	.25	<.2	.1	34	.28	.074	16	11	.12	91	.06	2	.91	.01	.10	<2	<.1	37	<.3	.1	3.6	<1
54561	.8	3.9	5.3	78.1	124	6	3	586	1.99	3.4	<5	3	14	.03	<.2	.1	43	.15	.036	17	14	.17	42	.09	2	1.06	.01	.05	<2	<.1	44	.3	<.1	3.4	1
54562	.7	3.4	4.6	71.2	125	4	2	1031	1.02	1.9	<5	3	19	.04	<.2	<.1	19	.23	.027	21	6	.10	52	.06	<2	.84	.01	.05	<2	<.1	30	<.3	<.1	2.3	1
54563	.5	3.8	4.8	33.6	58	4	2	586	1.25	1.7	<5	3	19	<.01	<.2	<.1	27	.18	.013	24	9	.15	48	.10	<2	.87	.01	.03	<2	<.1	25	<.3	<.1	2.6	1
54564	.7	2.7	4.6	65.2	42	5	2	344	1.39	1.8	<5	2	15	.02	<.2	.1	32	.18	.020	16	10	.12	38	.09	<2	.66	.02	.04	<2	<.1	24	<.3	<.1	2.7	<1
54565	.5	3.8	5.8	45.3	76	4	1	395	.97	1.1	<5	2	8	<.01	<.2	.1	19	.07	.013	26	6	.10	29	.05	<2	.85	.01	.04	<2	<.1	22	<.3	<.1	2.9	<1
54566	.6	3.3	5.6	83.4	56	7	3	806	1.28	1.7	<5	2	19	.05	<.2	<.1	27	.24	.048	16	9	.13	63	.07	3	1.03	.01	.07	<2	<.1	32	<.3	<.1	2.6	<1
STANDARD	21.5	113.4	86.8	267.1	1874	27	13	906	4.32	72.5	20	21	54	2.21	9.7	22.4	67	.65	.093	16	48	1.14	242	.13	28	2.22	.05	.70	18	2.4	1914	1.0	2.2	7.0	52

Standard is STANDARD D/C/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
54567	5.8	7.7	13.6	475.3	498	6	2	2924	1.23	7.1	<5	2	13	.85	<.2	.1	22	.15	.036	30	7	.11	55	.05	<2	1.40	.01	.07	<2	.4	76	.4	.1	4.7	1
54568	.9	2.5	8.9	46.1	<30	2	<1	266	.50	1.9	<5	6	24	.16	<.2	.1	7	.28	.017	31	3	.05	20	.02	<2	1.22	.02	.64	<2	.2	75	<.3	<.1	2.1	1
54569	2.1	3.8	10.4	84.0	67	4	1	556	.79	.9	<5	3	22	.15	<.2	.2	14	.19	.028	22	5	.07	33	.04	<2	1.46	.02	.26	<2	.1	61	<.3	<.1	3.3	1
54570	.6	6.5	5.6	43.3	<30	6	4	373	1.68	2.0	<5	2	32	.04	<.2	.1	36	.33	.029	20	13	.21	61	.09	<2	1.03	.01	.05	<2	<.1	37	<.3	<.1	2.9	<1
54571	.4	3.7	4.7	58.6	<30	4	3	261	1.71	1.7	<5	2	22	.04	<.2	.1	38	.28	.092	11	14	.14	71	.10	<2	.89	.01	.05	<2	<.1	23	<.3	.1	3.3	<1
54572	1.6	5.3	6.3	70.8	<30	6	3	247	2.10	4.7	<5	3	13	.04	<.2	.1	43	.15	.094	12	16	.17	39	.10	<2	1.53	.01	.04	<2	<.1	54	<.3	.1	5.0	1
RE 54572	1.3	4.6	5.5	68.3	<30	7	2	237	2.02	4.2	<5	2	13	.03	<.2	<.1	42	.14	.092	12	14	.16	39	.09	<2	1.49	.01	.04	<2	<.1	55	<.3	<.1	4.1	1
54573	.7	2.1	7.7	68.1	31	2	1	276	.66	3.7	<5	5	14	.06	<.2	.1	10	.44	.026	32	5	.07	17	.04	<2	1.45	.13	.44	<2	.2	65	<.3	<.1	2.5	1
54574	2.9	2.1	15.9	49.1	51	1	1	895	.52	3.6	<5	7	17	.20	.2	.4	6	.38	.018	40	2	.05	32	.02	<2	1.05	.29	.67	<2	.2	194	<.3	<.1	1.9	<1
54575	.9	3.2	9.0	155.7	<30	5	3	419	1.50	1.8	<5	2	18	.13	<.2	.1	33	.21	.036	17	12	.15	69	.10	<2	.94	.02	.08	<2	<.1	26	<.3	<.1	3.6	1
54576	1.0	3.9	6.2	96.3	34	7	4	659	1.93	1.6	<5	2	27	.18	<.2	.1	40	.31	.081	13	14	.21	85	.10	3	1.17	.02	.12	<2	<.1	26	<.3	.1	3.9	1
54577	.5	3.0	6.0	50.1	<30	5	4	1003	1.69	1.4	<5	2	27	.07	<.2	.1	37	.30	.050	12	13	.15	93	.10	3	.84	.01	.06	<2	<.1	37	<.3	.1	3.2	<1
54578	.7	3.3	5.8	37.0	<30	5	3	284	1.72	1.6	<5	2	22	.03	<.2	<.1	38	.25	.025	13	13	.17	40	.11	2	.79	.01	.06	<2	<.1	34	<.3	<.1	2.8	2
54579	.6	7.8	5.8	31.9	49	5	3	271	1.71	3.3	<5	2	38	.04	.2	.1	34	.39	.016	24	13	.25	65	.10	4	.94	.03	.07	<2	<.1	38	<.3	.1	3.1	2
54580	1.4	30.4	12.5	144.7	201	24	11	1880	4.18	9.3	<5	3	84	.18	.2	.2	57	.74	.059	220	33	.59	209	.04	<2	3.73	.03	.24	<2	.1	89	<.3	<.1	10.9	2
54581	.9	4.8	6.6	92.9	<30	7	5	381	2.35	4.3	<5	2	34	.09	<.2	.1	48	.28	.059	18	18	.21	100	.10	<2	1.10	.02	.07	<2	<.1	34	<.3	<.1	3.3	1
54582	1.4	4.2	5.6	119.6	49	5	4	491	2.07	5.6	<5	2	27	.26	<.2	.1	44	.25	.058	14	16	.16	86	.10	2	1.08	.02	.06	<2	.1	38	<.3	<.1	3.2	<1
54583	1.1	3.8	4.6	73.9	38	5	3	361	1.91	3.8	<5	2	23	.10	<.2	.1	40	.20	.043	12	16	.16	75	.09	<2	.87	.02	.05	<2	<.1	23	<.3	.1	2.7	1
54584	1.1	3.1	8.4	216.6	65	5	2	447	1.51	2.2	<5	1	20	.18	<.2	.1	32	.20	.024	12	12	.12	67	.08	<2	.90	.01	.05	<2	<.1	36	<.3	.1	3.0	1
54585	.9	2.9	9.6	101.2	76	5	3	281	1.50	6.3	<5	3	21	.08	<.2	<.1	33	.20	.017	14	12	.14	76	.09	<2	1.13	.02	.05	<2	.1	38	<.3	<.1	3.3	1
54586	.6	3.5	4.7	44.5	<30	7	4	339	2.00	2.2	<5	2	27	.03	<.2	.1	44	.22	.035	12	15	.17	77	.10	<2	.93	.01	.05	<2	<.1	29	<.3	<.1	3.1	1
54587	.6	4.7	6.6	64.7	69	7	4	453	2.11	3.6	<5	1	30	.10	.2	<.1	47	.28	.059	15	18	.20	82	.10	<2	.91	.01	.09	<2	<.1	30	<.3	<.1	2.8	2
54588	.9	5.8	7.1	62.1	161	6	3	345	1.95	2.9	<5	1	29	.05	.2	.1	42	.31	.015	109	16	.21	51	.09	<2	1.15	.02	.05	<2	<.1	36	<.3	<.1	3.4	1
54589	.8	3.4	6.7	75.5	<30	6	4	481	1.98	2.7	<5	2	22	.07	<.2	.1	42	.22	.087	14	16	.18	65	.09	<2	.97	.02	.06	<2	.1	30	<.3	.1	4.1	7
54590	.7	2.9	5.9	116.2	100	5	3	383	1.53	1.9	<5	2	19	.04	.2	.2	32	.20	.072	12	13	.13	78	.08	3	.86	.02	.06	<2	<.1	27	<.3	<.1	3.3	1
54591	.7	3.3	5.3	69.5	107	5	3	306	1.85	2.9	<5	2	20	.03	.2	.1	41	.21	.056	12	16	.13	49	.10	2	.91	.02	.05	<2	<.1	33	<.3	<.1	3.2	1
54592	.5	3.7	5.6	64.8	104	5	4	236	1.99	2.8	<5	2	19	.05	<.2	.1	41	.18	.082	12	15	.12	59	.09	<2	1.02	.02	.05	<2	.1	35	<.3	.1	4.6	8
54593	.6	5.0	6.1	50.6	64	5	2	226	1.71	3.0	<5	1	28	.05	.2	.1	37	.27	.037	16	14	.20	59	.10	<2	.80	.02	.07	<2	<.1	43	<.3	<.1	2.9	<1
54594	.9	4.3	5.2	122.1	99	5	3	368	2.17	4.3	<5	2	20	.14	<.2	.1	47	.20	.046	11	15	.17	61	.09	<2	1.09	.02	.05	<2	<.1	34	<.3	<.1	3.5	1
54595	1.5	3.9	7.1	209.7	68	4	5	593	1.80	1.8	<5	2	19	.76	<.2	.1	36	.25	.082	12	14	.17	70	.08	<2	1.04	.01	.06	<2	<.1	39	<.3	<.1	3.4	<1
54596	2.0	3.6	5.0	131.1	49	4	4	500	1.92	1.6	<5	1	18	.92	.2	.1	41	.19	.077	11	15	.15	47	.08	2	.85	.01	.05	<2	<.1	37	<.3	<.1	3.9	2
54597	.9	3.3	6.0	108.8	<30	6	2	553	1.56	1.1	<5	4	12	.06	<.2	.1	30	.16	.031	20	12	.15	25	.08	<2	2.04	.02	.15	<2	<.1	34	<.3	.1	4.6	1
54598	.8	3.5	8.4	91.5	<30	4	2	576	1.48	1.9	<5	3	15	.07	<.2	.2	29	.20	.050	17	11	.13	35	.08	<2	1.65	.02	.15	<2	.1	73	<.3	.1	4.1	1
54599	.9	3.1	7.7	95.4	47	4	2	320	1.33	2.2	<5	3	14	.07	.2	.1	27	.22	.055	18	10	.12	25	.08	<2	1.36	.03	.15	<2	.1	72	<.3	<.1	3.8	1
STANDARD	21.3	111.8	90.2	257.5	1880	28	12	948	4.17	72.0	18	20	57	2.16	10.3	20.0	66	.67	.087	17	48	1.10	232	.15	22	2.21	.05	.68	19	2.3	1825	.9	2.1	6.6	51

Standard is STANDARD D/C/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
54600	3.7	11.3	7.5	112.7	60	6	7	5067	1.79	5.7	<5	<1	16	.70	.4	.1	37	.20	.135	21	15	.13	93	.10	3	1.05	.01	.09	<2	.1	48	.3	.1	3.3	1
54601	2.3	4.5	4.5	23.0	<30	5	3	270	2.05	3.5	<5	1	18	.02	.2	.2	54	.17	.010	11	18	.12	33	.13	2	.80	.02	.05	<2	.1	21	<.3	<.1	3.7	5
54602	1.6	2.3	4.6	12.0	<30	1	1	105	.89	1.7	<5	<1	16	.01	.4	.1	23	.16	.010	11	8	.06	22	.09	<2	.39	.02	.06	<2	<.1	24	<.3	<.1	2.0	1
54603	.5	3.8	4.2	39.4	<30	6	2	172	1.56	2.7	<5	1	22	.02	<.2	.1	32	.26	.043	11	13	.19	43	.09	<2	.92	.01	.07	<2	<.1	25	<.3	<.1	2.9	1
54604	.6	3.7	3.7	60.2	<30	8	4	404	1.78	2.8	<5	2	14	.04	.2	.1	37	.15	.071	12	13	.14	57	.09	<2	1.17	.02	.06	<2	.2	22	<.3	<.1	3.1	<1
54605	1.0	3.0	5.8	89.0	<30	6	3	399	1.56	2.1	<5	2	10	.04	<.2	.1	32	.13	.022	17	12	.14	32	.09	<2	1.23	.01	.06	<2	<.1	28	<.3	<.1	2.8	1
54606	.6	3.9	4.4	98.8	32	5	4	464	1.80	2.1	<5	2	19	.06	<.2	.1	41	.20	.053	13	15	.15	75	.11	<2	1.00	.02	.04	<2	.1	27	<.3	<.1	3.4	1
54607	.5	2.7	4.7	77.4	66	5	3	299	1.49	1.6	<5	2	16	.03	<.2	.1	35	.20	.035	14	12	.14	59	.11	<2	.84	.01	.05	<2	.1	28	<.3	<.1	3.0	<1
54608	.6	4.3	31.5	71.0	30	6	4	284	2.13	1.8	<5	2	16	.05	<.2	.1	47	.20	.073	11	18	.16	61	.11	<2	1.26	.01	.05	<2	.1	24	<.3	<.1	4.6	<1
54609	.5	3.6	4.2	46.6	41	4	3	424	1.73	1.7	<5	1	23	.04	.2	.1	39	.24	.056	13	15	.16	63	.11	3	.87	.01	.04	<2	.1	26	<.3	<.1	2.6	<1
54610	.6	2.9	4.8	74.0	37	5	3	631	1.54	1.3	<5	2	17	.05	<.2	.1	35	.21	.049	13	13	.14	45	.10	2	.86	.01	.05	<2	.1	30	<.3	<.1	3.3	<1
54611	.8	2.1	3.4	98.9	56	3	<1	551	1.11	1.0	<5	5	10	.01	<.2	.1	19	.13	.014	33	7	.08	30	.07	<2	.70	.01	.05	<2	<.1	18	<.3	<.1	1.6	<1
54612	.8	3.8	4.2	126.5	88	4	2	619	1.18	1.2	<5	4	10	.02	<.2	.1	21	.13	.024	34	8	.12	32	.06	<2	1.22	.01	.08	<2	.1	33	<.3	<.1	3.6	<1
RE 54612	.9	4.4	4.7	129.0	105	3	2	642	1.22	2.5	<5	4	10	.03	.2	.1	21	.13	.025	35	8	.13	28	.06	<2	1.26	.01	.08	<2	.2	31	<.3	.1	4.2	1
54613	.7	5.0	5.1	81.5	183	6	3	750	1.66	2.9	<5	1	19	.05	.2	.1	36	.20	.050	15	14	.17	61	.09	<2	1.13	.01	.04	<2	.1	34	<.3	.1	3.2	5
54614	1.0	2.8	6.4	62.6	303	4	1	164	1.04	3.0	<5	4	9	.01	.2	.1	15	.13	.031	34	6	.08	18	.04	6	1.17	.01	.04	<2	.1	42	<.3	.1	3.5	<1
54615	.8	2.6	4.3	109.2	44	3	2	498	1.22	1.6	<5	2	22	.05	<.2	<.1	29	.27	.022	12	11	.13	48	.10	4	.70	.01	.06	<2	.1	24	<.3	<.1	2.6	<1
54616	1.0	1.8	6.9	107.3	128	3	1	636	.90	1.5	<5	5	17	.06	.2	<.1	15	.27	.011	40	5	.07	33	.04	<2	.77	.01	.07	<2	.1	28	<.3	.1	2.3	<1
54617	.7	3.0	5.3	78.3	30	2	1	401	.94	.9	<5	3	18	.07	.2	.1	19	.21	.024	27	7	.06	57	.05	<2	.47	.01	.06	<2	.1	44	<.3	.1	1.9	<1
54618	.6	3.0	4.9	27.5	<30	4	2	273	1.32	1.8	<5	1	19	.01	.2	<.1	31	.20	.021	17	11	.11	34	.09	<2	.60	.01	.05	<2	.1	15	<.3	.1	2.5	1
54619	1.9	37.4	11.4	74.8	90	21	14	1925	4.60	13.1	<5	3	94	.05	.6	.1	76	1.13	.042	132	36	.63	216	.04	2	4.20	.03	.26	<2	.2	99	.3	<.1	10.9	2
54620	1.8	2.9	5.3	53.0	113	4	4	431	1.35	8.9	<5	1	25	.04	.2	<.1	31	.27	.021	15	14	.11	65	.09	<2	.73	.01	.07	<2	.1	42	<.3	<.1	3.2	1
54621	1.0	3.3	6.0	51.8	287	7	4	321	1.70	15.5	<5	2	17	.03	.2	.1	35	.19	.037	13	15	.15	57	.08	<2	1.07	.01	.05	<2	.1	29	<.3	<.1	3.2	1
54622	.6	2.2	4.4	85.6	96	4	2	247	1.20	4.2	<5	1	20	.02	.2	<.1	27	.19	.018	13	11	.10	57	.07	<2	.73	.01	.06	<2	.1	6	<.3	.1	2.5	1
54623	.7	3.3	5.9	70.9	39	7	5	668	1.48	2.8	<5	2	17	.04	<.2	.1	31	.22	.033	11	15	.17	89	.07	2	.91	.01	.08	<2	.1	21	<.3	<.1	3.1	<1
54624	.6	3.9	4.9	31.6	<30	5	3	191	1.32	2.6	<5	1	23	<.01	<.2	.1	28	.23	.019	15	13	.18	66	.09	<2	.80	.01	.06	<2	.1	23	<.3	.1	2.7	<1
54625	.9	4.5	5.4	40.3	<30	7	3	361	1.80	3.1	<5	1	23	.02	<.2	.1	35	.24	.029	16	16	.18	91	.07	6	1.21	.02	.06	<2	.2	31	<.3	.1	3.4	<1
54626	.7	5.2	5.6	67.1	<30	6	4	803	1.66	2.0	<5	<1	25	.10	<.2	.1	34	.25	.042	16	15	.17	95	.08	<2	.94	.02	.08	<2	.2	22	<.3	<.1	3.2	<1
54627	1.3	5.1	4.3	61.2	108	10	6	728	2.45	4.1	<5	<1	44	.03	<.2	.1	45	.49	.041	54	20	.33	135	.07	3	1.77	.02	.12	<2	.2	61	<.3	<.1	3.1	1
54628	3.0	19.3	8.5	104.3	322	13	5	416	2.48	16.0	<5	2	203	.24	1.1	.2	36	1.68	.062	54	21	.33	232	.04	<2	2.10	.03	.18	<2	.3	108	<.3	.1	6.3	1
54629	1.0	2.8	4.5	87.1	33	3	3	265	1.77	4.9	<5	1	17	.05	.3	.1	37	.16	.036	11	13	.11	63	.07	<2	.72	.01	.04	<2	.2	30	<.3	.1	2.8	1
54630	6.2	8.4	12.8	127.9	226	7	3	1099	2.58	110.9	<5	2	91	.16	2.7	.1	32	.77	.047	45	17	.22	139	.04	<2	1.29	.01	.12	<2	.4	206	<.3	<.1	4.3	1
54631	1.2	6.6	5.6	160.8	54	4	5	988	2.11	4.4	<5	1	26	.50	.2	.1	43	.30	.103	13	18	.14	89	.09	<2	.73	.01	.09	<2	.1	40	<.3	.1	3.3	<1
54632	2.8	4.8	7.0	144.5	47	3	5	1424	1.42	2.4	<5	1	19	.23	.6	.1	27	.24	.075	16	12	.10	59	.08	<2	.80	.01	.12	<2	.1	36	<.3	<.1	3.1	<1
STANDARD	22.1	117.4	84.4	253.9	1836	25	12	930	4.08	71.0	19	20	54	2.25	9.7	21.6	64	.63	.088	16	51	1.08	234	.14	24	2.16	.04	.68	19	2.2	1881	.8	2.0	6.5	48

Standard is STANDARD D/C/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
54633	4.8	4.7	16.9	95.9	71	3	2	1399	.92	7.7	<5	2	15	.42	1.4	.3	15	.37	.024	46	6	.10	22	.03	<2	1.53	.15	.21	<2	.2	150	<.3	<.1	5.5	1
54634	2.2	2.7	10.1	99.8	46	3	1	1256	.89	3.9	<5	3	18	.20	1.9	.2	15	.24	.019	34	5	.07	39	.04	<2	1.94	.06	.28	<2	.2	80	<.3	<.1	4.4	2
54635	1.2	2.4	7.8	54.3	40	4	2	317	1.19	5.4	<5	1	14	.06	.8	.1	25	.19	.012	18	9	.11	24	.08	<2	1.26	.07	.13	<2	.1	36	<.3	<.1	3.0	<1
54636	1.9	3.7	9.3	127.8	33	9	3	780	1.51	4.3	<5	2	13	.10	1.1	.1	29	.17	.033	21	11	.16	39	.08	<2	1.95	.02	.14	<2	.2	51	<.3	<.1	5.2	1
54637	1.5	6.1	10.2	135.2	45	5	2	849	1.18	1.6	<5	4	14	.08	1.7	.2	18	.21	.047	26	8	.10	29	.04	<2	2.84	.04	.24	<2	.2	39	<.3	<.1	7.3	1
54638	1.2	4.2	10.5	67.9	50	2	1	447	1.16	1.6	<5	4	18	.10	.9	.2	19	.21	.032	26	8	.09	33	.06	<2	2.37	.04	.25	<2	.2	43	<.3	<.1	6.3	<1
54639	1.0	6.0	7.8	119.8	48	8	3	616	1.65	2.2	<5	2	16	.09	.3	.1	32	.23	.043	17	13	.20	27	.09	<2	2.00	.02	.14	<2	.1	40	<.3	<.1	5.5	<1
54640	.7	3.6	5.8	56.1	<30	8	2	215	1.44	2.8	<5	2	15	.03	.3	.1	28	.16	.046	14	11	.15	39	.10	<2	1.37	.01	.08	<2	<.1	27	<.3	.1	3.7	1
54641	.8	2.5	4.9	104.7	34	5	3	549	1.38	1.1	<5	1	14	.05	.2	<.1	30	.18	.031	13	10	.15	37	.10	<2	.97	.01	.06	<2	.1	33	<.3	.1	3.0	<1
54642	.5	2.6	5.3	26.7	<30	4	1	144	1.07	1.0	<5	2	18	.03	.2	.1	23	.18	.014	13	7	.09	25	.10	<2	.65	.02	.08	<2	.1	23	<.3	<.1	2.2	<1
54643	.8	3.4	6.6	60.1	36	4	3	289	1.29	1.7	<5	2	18	.05	.3	.1	27	.22	.046	13	9	.10	35	.08	2	.83	.01	.07	<2	.1	27	<.3	<.1	3.4	1
54644	.9	3.7	4.7	61.2	<30	6	3	280	1.42	2.2	<5	1	12	.03	.4	<.1	31	.15	.029	10	11	.13	27	.09	<2	1.07	.01	.06	<2	<.1	28	<.3	<.1	2.8	1
54645	1.0	4.1	6.1	60.1	<30	10	3	207	1.51	3.1	<5	2	17	.02	.4	.1	30	.17	.041	14	11	.14	43	.10	2	1.40	.02	.15	<2	.1	22	<.3	<.1	4.1	6
54646	1.2	3.8	5.9	71.1	<30	5	3	435	1.53	3.7	<5	2	17	.05	.6	.1	30	.22	.057	14	12	.14	49	.10	<2	1.15	.04	.13	<2	<.1	36	<.3	<.1	3.7	<1
54647	1.5	3.1	6.5	73.4	<30	4	3	536	1.22	1.5	<5	2	16	.05	.2	.1	28	.20	.052	12	10	.12	31	.11	<2	.94	.01	.11	<2	.1	28	<.3	<.1	3.7	<1
54648	1.1	2.4	6.3	39.1	<30	3	1	158	1.02	1.9	<5	2	13	.02	.4	.1	22	.17	.017	17	8	.09	23	.09	2	.80	.10	.11	<2	.1	32	<.3	<.1	2.5	<1
54649	1.7	2.4	5.4	137.1	30	4	3	1130	1.19	1.8	<5	1	15	.11	.2	.1	25	.21	.067	15	9	.11	31	.08	<2	.96	.02	.13	<2	.1	46	<.3	<.1	2.8	1
54650	.9	2.2	7.8	47.8	<30	2	1	116	.72	1.6	<5	2	14	.01	.6	.1	16	.16	.025	18	5	.08	25	.09	<2	.73	.05	.10	<2	.1	31	<.3	<.1	3.0	1
54651	1.0	2.5	5.8	133.1	39	4	3	622	1.42	1.8	<5	1	11	.13	.4	.1	30	.14	.047	13	11	.10	41	.08	<2	.88	.01	.06	<2	.1	38	<.3	<.1	3.5	1
54652	1.1	3.1	6.8	40.2	50	2	3	588	1.60	13.9	<5	1	14	.07	.3	.1	33	.16	.016	18	11	.13	47	.07	<2	.85	.01	.08	<2	.1	63	<.3	<.1	3.1	<1
54653	1.0	2.1	4.4	33.7	93	2	3	283	1.12	11.4	<5	1	19	.06	.4	<.1	24	.24	.013	17	8	.12	45	.05	2	.62	.01	.09	<2	.1	89	<.3	<.1	2.3	<1
54654	1.0	1.9	6.0	46.2	76	3	2	497	1.06	2.6	<5	2	15	.04	.2	<.1	23	.17	.018	17	8	.08	55	.06	<2	.63	.01	.06	<2	.1	39	<.3	.1	2.2	<1
54655	.9	2.1	5.3	46.0	<30	5	3	330	1.17	3.4	<5	1	19	.03	.2	.1	25	.20	.016	15	9	.10	57	.07	<2	.81	.02	.06	<2	<.1	37	<.3	<.1	2.5	<1
54656	.7	2.2	4.6	77.8	167	4	1	152	1.33	5.9	<5	1	15	.09	.2	<.1	28	.15	.018	14	10	.12	33	.07	2	.71	.02	.06	<2	<.1	73	<.3	<.1	2.6	<1
RE 54656	.7	2.3	5.2	76.9	184	5	3	149	1.37	5.2	<5	1	15	.09	.3	.1	29	.15	.019	14	10	.12	39	.07	2	.70	.02	.06	<2	<.1	75	<.3	<.1	2.6	<1
54657	.7	3.2	5.3	45.1	39	4	4	193	1.68	3.5	<5	1	25	.06	.3	.1	34	.20	.019	14	12	.18	73	.10	<2	.70	.02	.06	<2	.1	16	<.3	<.1	2.5	<1
54658	1.0	4.1	5.5	95.3	49	4	3	477	1.66	4.9	<5	<1	29	.13	.3	.1	32	.29	.033	22	13	.20	75	.09	4	.86	.02	.09	<2	<.1	40	<.3	<.1	2.8	2
54659	2.2	6.0	6.1	62.0	60	9	5	832	2.21	7.0	<5	<1	30	.07	.4	.1	40	.27	.035	27	16	.22	103	.07	<2	1.23	.02	.09	<2	.1	50	<.3	<.1	3.8	1
54660	1.2	3.1	5.4	38.5	55	5	3	277	1.84	3.3	<5	1	21	.03	.3	.1	37	.22	.014	16	13	.17	73	.08	<2	.87	.01	.08	<2	.1	31	<.3	<.1	3.3	<1
54661	.8	3.5	5.3	40.4	58	6	3	264	1.51	2.2	<5	1	29	.04	.3	.1	31	.30	.019	17	12	.16	59	.08	3	.88	.01	.06	<2	.1	30	<.3	.1	3.2	1
54662	.8	3.0	5.0	47.1	35	5	3	210	1.37	1.5	<5	2	16	.06	.2	.1	29	.17	.040	12	11	.12	59	.09	<2	.78	.01	.06	<2	.1	16	<.3	.1	2.6	<1
54663	1.5	2.9	5.5	54.6	37	3	3	416	1.24	1.0	<5	2	31	.33	.2	.1	26	.43	.037	14	10	.13	81	.07	<2	.80	.01	.10	<2	<.1	17	.3	<.1	2.7	1
54664	.6	2.0	6.3	39.4	50	5	2	371	1.01	1.0	<5	3	20	.33	<.2	.1	20	.19	.020	16	9	.09	61	.06	<2	.86	.02	.13	<2	.1	16	<.3	<.1	2.5	<1
54665	.5	2.0	7.3	58.3	115	2	1	574	.80	6.6	<5	3	36	.14	.4	.1	13	.27	.031	28	6	.07	61	.04	<2	1.10	.01	.39	<2	.1	29	<.3	.1	3.4	<1
STANDARD	21.4	110.2	85.1	255.9	1993	27	14	965	4.09	69.4	23	19	57	2.15	9.5	17.5	66	.67	.089	17	47	1.09	233	.14	24	2.18	.05	.78	18	2.2	1890	.8	1.9	7.2	55

Standard is STANDARD D/C/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
54666	1.8	5.7	12.8	34.3	345	4	3	521	1.50	42.4	<5	1	44	.07	1.4	.2	28	.48	.036	20	10	.12	67	.05	3	.59	.02	.11	<2	.1	46	<.3	<.1	1.9	2
54667	1.5	4.2	6.2	50.9	96	6	2	167	1.94	15.1	<5	1	26	.06	.6	.2	38	.26	.111	14	16	.13	92	.06	<2	.81	.01	.10	<2	<.1	32	<.3	<.1	3.1	1
54668	7.8	10.8	11.4	64.6	562	8	3	752	1.92	112.8	<5	<1	66	.11	3.8	.3	24	.67	.054	141	11	.19	112	.02	<2	1.35	.01	.17	<2	.2	194	<.3	.2	3.7	6
54669	1.0	4.9	5.8	46.1	132	7	3	234	1.70	5.9	<5	2	25	.03	.3	.2	32	.21	.044	22	13	.15	71	.06	<2	.93	.01	.07	<2	<.1	30	<.3	.1	2.8	1
54670	1.1	3.7	5.2	65.5	<30	6	2	235	1.69	5.4	<5	3	13	.05	.6	.2	34	.15	.096	14	13	.14	27	.08	<2	1.24	.01	.11	<2	<.1	41	<.3	.1	3.5	<1
54671	1.5	3.0	6.4	64.3	39	3	2	319	1.56	2.0	<5	1	18	.07	.5	.2	36	.25	.052	18	13	.11	37	.08	2	.86	.01	.16	<2	.1	44	<.3	<.1	4.2	1
54672	1.5	4.1	5.1	32.6	<30	5	2	221	1.69	5.1	<5	2	28	.07	.5	.2	37	.32	.041	14	13	.13	41	.10	<2	.70	.02	.32	<2	.1	56	<.3	.1	1.9	<1
54673	.7	2.0	5.0	61.8	<30	3	2	307	1.29	1.2	<5	2	15	.05	.3	.1	27	.23	.081	14	10	.09	41	.09	2	.85	.01	.20	<2	<.1	22	<.3	<.1	2.5	8
54674	1.0	3.0	4.8	35.1	<30	4	3	193	1.74	4.9	<5	3	17	.02	.4	.1	37	.19	.065	14	13	.12	23	.10	<2	.94	.02	.19	<2	.1	26	<.3	<.1	2.5	2
54675	5.4	13.1	11.4	112.7	102	9	4	1007	2.67	47.0	<5	1	45	.24	2.3	.2	39	.63	.049	43	18	.30	70	.05	3	1.95	.06	.14	<2	.2	312	<.3	.1	6.0	5
54676	17.5	34.2	15.0	137.6	422	27	5	2910	3.03	101.3	<5	2	99	.73	2.2	.3	45	1.30	.146	143	24	.32	125	.02	2	2.89	.06	.18	<2	.2	192	.3	.1	8.7	3
54677	1.2	2.4	6.2	44.7	<30	2	1	335	1.23	5.4	<5	2	18	.03	.3	.2	26	.20	.023	22	9	.12	37	.08	<2	.76	.02	.08	<2	<.1	52	<.3	<.1	2.1	2
54678	1.1	2.6	5.2	59.5	40	3	2	549	1.02	3.0	<5	2	21	.05	.2	.1	23	.29	.037	15	8	.11	60	.08	<2	.60	.01	.09	<2	.1	35	<.3	.1	2.2	<1
54679	.9	2.5	4.3	87.4	<30	3	2	725	1.18	2.2	<5	2	30	.14	<.2	<.1	23	.37	.040	18	9	.12	125	.07	<2	.60	.01	.14	<2	<.1	48	<.3	<.1	1.3	1
54680	1.0	2.5	6.7	74.0	35	4	3	560	1.15	3.8	<5	3	16	.08	.2	.1	24	.21	.033	16	9	.11	58	.07	<2	.66	.01	.08	<2	<.1	52	<.3	<.1	2.4	3
54681	3.3	3.8	12.7	98.4	111	3	2	1826	.95	4.3	<5	1	19	.43	.3	.2	16	.28	.020	43	8	.10	49	.05	<2	.80	.02	.10	<2	.1	62	<.3	<.1	2.7	<1
54682	2.6	1.8	8.5	67.2	42	4	3	842	1.11	2.3	<5	2	13	.20	<.2	.1	25	.22	.040	17	9	.10	49	.07	<2	.70	.01	.07	<2	.1	52	<.3	.1	2.2	<1
54683	1.5	1.9	5.0	37.3	41	3	2	364	.97	2.2	<5	2	13	.04	.2	.1	20	.21	.042	16	7	.07	45	.06	<2	.48	.01	.09	<2	<.1	44	<.3	.1	1.9	3
54684	1.0	2.4	7.5	20.3	<30	2	1	162	1.24	10.1	<5	3	18	.02	.4	.1	26	.25	.034	21	10	.12	34	.09	<2	.48	.02	.09	<2	<.1	92	<.3	.1	1.4	1
54685	1.0	2.0	5.2	21.6	<30	2	1	146	.93	3.5	<5	3	22	.01	.2	.1	18	.25	.032	18	8	.11	49	.08	2	.46	.02	.09	<2	<.1	89	<.3	<.1	1.3	1
54686	2.1	3.9	8.7	63.2	34	4	3	1015	1.65	1.1	<5	2	26	.31	.2	.2	33	.32	.076	15	13	.12	101	.07	3	.83	.02	.07	<2	.2	30	<.3	<.1	3.0	1
54687	.8	3.2	4.9	62.4	<30	4	2	201	1.43	1.3	<5	1	18	.05	<.2	.1	30	.24	.031	14	12	.14	43	.09	2	.73	.01	.07	<2	<.1	30	<.3	<.1	2.4	<1
54688	.9	3.7	4.8	35.4	35	4	2	168	1.52	4.5	<5	2	20	.01	.4	.1	30	.23	.014	17	11	.15	72	.08	4	.71	.02	.07	<2	.2	48	<.3	.1	2.2	1
RE 54688	.9	3.0	4.9	35.0	<30	5	3	172	1.54	4.9	<5	2	21	.01	.4	.1	31	.24	.015	18	11	.15	74	.08	<2	.74	.02	.07	<2	<.1	52	<.3	<.1	2.3	1
54689	1.6	3.1	7.1	64.7	64	3	1	489	1.28	.9	<5	2	28	.18	<.2	.1	25	.53	.056	16	10	.11	74	.06	6	.80	.01	.15	<2	.2	36	<.3	.1	2.8	2
54690	.8	3.0	4.5	53.1	<30	5	3	180	1.41	1.1	<5	2	19	.03	<.2	.1	29	.27	.038	13	11	.11	55	.09	2	.86	.01	.09	<2	<.1	19	<.3	<.1	2.5	2
54691	.7	2.8	5.1	81.6	56	1	2	177	1.05	2.0	<5	4	10	.01	<.2	.1	20	.10	.031	18	8	.09	45	.06	<2	1.02	.01	.06	<2	.1	29	<.3	<.1	2.9	<1
54692	1.0	3.3	5.2	50.1	<30	1	2	526	1.43	1.8	<5	3	25	.03	.2	.1	30	.24	.019	18	12	.12	68	.09	<2	.82	.01	.08	<2	.1	24	<.3	<.1	2.5	<1
54693	1.1	3.6	6.4	127.6	<30	5	5	1488	1.66	1.1	<5	2	21	.05	<.2	.1	30	.20	.048	18	12	.16	95	.06	<2	1.31	.01	.07	<2	.1	42	<.3	<.1	3.4	1
54694	.9	2.2	6.7	160.0	49	4	2	645	1.08	1.7	<5	4	13	.06	<.2	.1	19	.12	.023	25	7	.09	70	.05	<2	1.05	.01	.04	<2	.1	25	<.3	<.1	3.1	<1
54695	1.4	4.2	5.8	141.4	<30	7	3	1122	2.16	5.7	<5	2	18	.07	.8	.1	37	.17	.043	16	13	.15	105	.08	3	1.24	.01	.05	<2	.1	44	<.3	<.1	3.7	1
54696	1.2	3.1	7.1	199.0	55	3	4	1194	1.59	2.6	<5	4	17	.06	.4	.2	29	.14	.046	28	10	.14	101	.07	3	1.38	.01	.05	<2	.2	36	<.3	.1	4.3	<1
54697	1.0	4.5	6.8	89.0	252	5	4	1040	1.51	3.5	<5	2	17	.04	.2	.1	29	.14	.023	20	12	.15	112	.06	6	1.42	.02	.06	<2	.3	37	<.3	.1	3.5	<1
54698	.9	3.0	7.6	161.8	139	4	3	817	1.26	4.0	<5	2	20	.18	.2	.1	24	.18	.028	30	9	.11	90	.05	7	1.03	.02	.06	<2	.2	49	<.3	.1	2.6	<1
STANDARD	21.8	116.7	78.4	254.5	1878	24	13	912	4.11	73.5	20	20	57	2.21	9.6	19.9	65	.67	.088	17	48	1.09	229	.14	26	2.18	.05	.68	20	2.2	1919	.9	1.9	6.8	50

Standard is STANDARD D/C/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
54699	1.1	2.0	8.7	161.4	198	4	1	299	.94	4.1	<5	4	11	.03	.2	.1	19	.10	.015	21	7	.08	41	.06	<2	.81	.01	.04	<2	.1	39	.4	.1	2.7	<1
54700	1.1	4.1	18.1	253.0	1266	6	1	193	1.47	7.2	<5	7	16	.08	.2	.1	22	.13	.076	59	9	.11	37	.05	3	1.29	.01	.07	<2	.1	50	<.3	<.1	4.8	<1
54701	.7	2.6	6.9	253.0	86	6	2	792	1.18	5.1	<5	4	21	.16	.2	.1	24	.20	.028	26	9	.11	75	.08	2	.93	.01	.05	<2	.1	48	<.3	<.1	3.1	1
54702	.7	1.9	5.5	108.8	<30	5	1	472	.97	4.7	<5	4	14	.04	.2	.1	21	.12	.012	16	8	.08	43	.07	<2	.57	.01	.05	<2	<.1	37	<.3	<.1	2.0	<1
54703	.6	2.2	5.0	133.6	<30	4	1	533	1.03	3.0	<5	4	23	.12	<.2	<.1	21	.22	.015	21	9	.08	37	.07	<2	.47	.01	.08	<2	<.1	21	<.3	<.1	1.3	<1
54704	.5	2.6	6.5	168.0	174	3	<1	376	.55	1.0	<5	3	23	.14	<.2	<.1	6	.21	.008	26	4	.06	22	.03	<2	.32	.01	.08	<2	<.1	28	<.3	.1	.9	<1
54705	1.2	5.5	9.3	69.0	52	7	4	1367	1.65	2.8	<5	1	32	.29	.2	.1	32	.26	.054	16	12	.15	109	.07	2	.70	.01	.13	<2	<.1	37	<.3	<.1	2.5	<1
54706	.8	4.5	4.8	28.0	40	6	2	200	1.90	7.9	<5	3	28	.01	.6	.1	43	.27	.027	16	16	.15	35	.11	<2	.64	.08	.12	<2	.1	85	<.3	<.1	1.8	1
54707	.9	4.7	5.6	28.4	47	6	2	199	1.96	8.3	<5	4	29	.02	.6	.2	45	.29	.029	17	17	.16	39	.12	3	.64	.08	.12	<2	.1	114	<.3	<.1	2.0	2
54708	1.3	3.4	7.3	35.3	42	5	3	180	1.70	14.8	<5	3	23	.01	.6	.1	33	.19	.031	14	11	.14	37	.10	3	.88	.05	.18	<2	.1	60	<.3	.1	2.9	<1
54709	1.3	3.7	6.8	70.6	<30	4	2	391	1.59	3.8	<5	3	15	.04	.5	.2	33	.16	.068	14	12	.11	28	.09	3	.97	.03	.16	<2	<.1	76	<.3	<.1	3.9	<1
54710	1.2	5.1	13.0	29.3	33	4	3	269	1.10	8.3	<5	3	27	.01	1.0	.2	24	.31	.011	21	11	.19	37	.09	4	.97	.07	.05	<2	.2	84	<.3	<.1	3.1	1
RE 54710	1.2	5.5	12.5	29.4	<30	3	2	260	1.08	10.3	<5	3	28	.01	1.1	.2	24	.30	.008	20	11	.19	39	.09	2	.93	.07	.05	<2	.2	102	<.3	<.1	3.3	<1
54711	2.2	10.5	11.2	32.9	53	5	3	286	1.40	18.4	<5	1	26	.03	.9	.2	26	.29	.029	30	14	.19	38	.04	3	1.43	.07	.06	<2	.1	126	<.3	<.1	5.3	<1
54712	.6	3.3	6.6	78.2	44	8	3	647	1.37	1.5	<5	2	26	.03	.3	.1	29	.25	.052	14	11	.14	55	.09	<2	.96	.01	.17	<2	<.1	32	<.3	<.1	2.9	1
54713	.9	4.1	7.9	63.9	40	7	3	497	1.63	3.5	<5	3	19	.03	.6	.1	34	.15	.030	16	12	.15	47	.09	5	1.53	.03	.13	<2	.1	32	<.3	.1	4.7	<1
54714	.8	6.6	5.4	35.1	74	5	2	259	2.04	8.8	<5	4	31	.03	.7	.1	44	.34	.035	22	15	.21	37	.11	<2	.75	.13	.09	<2	.1	114	<.3	.1	2.4	<1
54715	1.0	2.5	5.5	23.8	<30	3	2	123	1.50	17.0	<5	2	24	.01	.5	.1	29	.20	.017	14	9	.12	36	.10	2	.64	.05	.12	<2	.1	63	<.3	.1	2.3	2
54716	.9	2.5	7.0	68.7	35	5	3	472	1.24	5.3	<5	4	19	.02	.5	.1	26	.21	.038	18	9	.10	51	.09	2	.93	.02	.18	<2	<.1	59	<.3	<.1	3.1	1
54717	.8	5.2	7.7	31.6	49	5	2	178	1.99	17.5	<5	4	34	.02	.5	.1	40	.26	.014	19	15	.20	47	.08	3	.92	.02	.12	<2	<.1	90	<.3	<.1	2.7	1
54718	.6	2.6	5.9	33.5	<30	5	3	320	1.36	2.7	<5	3	19	.03	.2	.1	30	.18	.044	13	12	.10	45	.06	<2	.57	.01	.09	<2	<.1	32	<.3	.1	2.3	<1
54719	1.1	3.2	6.0	46.7	38	4	2	750	1.45	2.6	<5	1	18	.06	<.2	.1	32	.16	.038	14	12	.11	69	.08	2	.79	.02	.09	<2	.1	22	<.3	<.1	2.8	1
54720	.6	2.6	4.9	27.5	39	5	2	154	1.52	6.9	<5	2	19	.02	.3	.1	33	.18	.018	15	12	.13	30	.10	<2	.60	.02	.10	<2	.1	62	<.3	<.1	1.8	<1
54721	.9	3.8	6.4	54.4	48	5	3	843	1.33	2.3	<5	1	23	.09	.2	.1	28	.21	.051	17	10	.11	95	.07	<2	.73	.02	.06	<2	<.1	32	<.3	<.1	2.6	<1
54722	.6	2.5	6.2	49.0	62	4	3	317	1.05	2.4	<5	2	29	.06	.2	.1	23	.26	.029	18	8	.11	47	.06	2	.65	.01	.08	<2	<.1	128	<.3	<.1	2.0	<1
54723	.6	2.7	6.6	73.5	56	5	3	208	1.21	2.8	<5	3	17	.04	.2	.1	26	.15	.026	18	9	.11	65	.07	3	.83	.02	.07	<2	.1	31	<.3	.1	3.1	1
54724	1.0	2.2	6.8	207.1	31	4	3	959	1.01	2.6	<5	3	24	.10	<.2	.1	21	.20	.048	23	7	.08	112	.06	2	.80	.02	.06	<2	.1	56	<.3	<.1	2.5	1
54725	1.3	4.6	9.1	126.3	62	7	4	1379	1.65	4.9	<5	3	28	.08	.3	.2	32	.22	.033	23	12	.17	102	.09	2	1.35	.02	.06	<2	.2	41	.3	<.1	4.2	<1
54726	1.0	3.0	6.5	214.6	43	6	3	1810	1.37	2.6	<5	1	22	.11	.2	.1	26	.16	.036	19	9	.12	118	.07	3	1.06	.01	.06	<2	.1	49	<.3	<.1	2.8	<1
54727	1.6	5.0	9.4	129.2	70	7	4	197	2.22	8.1	<5	5	12	.04	.7	.1	40	.09	.049	22	15	.17	63	.07	<2	2.08	.01	.05	<2	.1	73	<.3	.1	5.8	<1
54728	1.5	4.8	8.7	133.3	60	7	4	190	2.17	9.4	<5	5	12	.03	.7	.2	39	.09	.046	21	14	.17	61	.08	<2	2.03	.01	.05	<2	.1	65	<.3	<.1	5.7	<1
54729	1.5	3.7	8.7	73.7	<30	6	4	276	2.06	5.0	<5	4	14	.01	.3	.2	40	.10	.026	18	14	.14	85	.08	5	1.61	.02	.05	<2	.2	41	<.3	<.1	5.2	<1
54730	.7	2.0	8.1	219.6	46	5	2	570	1.13	1.2	<5	4	16	.12	<.2	.1	23	.15	.033	26	8	.11	69	.08	<2	.75	.02	.07	<2	<.1	25	<.3	<.1	2.3	<1
54731	1.3	2.1	7.8	95.8	131	1	1	275	1.01	1.7	<5	5	8	.03	<.2	.1	20	.08	.023	24	7	.06	27	.05	<2	.80	.01	.04	<2	.1	29	<.3	<.1	4.3	<1
STANDARD	21.9	115.8	85.3	271.7	1855	27	13	989	4.36	78.8	17	22	64	2.29	9.2	21.1	71	.65	.084	17	51	1.16	241	.16	25	2.12	.05	.73	20	2.3	1900	.7	2.2	6.7	56

Standard is STANDARD D/C/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
54732	1.1	58.1	7.7	76.4	242	26	7	1162	4.31	28.3	<5	8	130	.24	.7	.3	45	1.17	.039	96	32	.68	155	.01	<2	5.77	.06	.20	<2	.3	159	.3	<.1	10.6	2
54733	.5	2.6	5.6	23.4	<30	3	2	115	.98	7.2	<5	2	19	.01	.3	.1	20	.21	.010	15	8	.11	32	.08	4	.65	.03	.10	<2	.1	72	<.3	<.1	1.8	<1
54734	.8	3.1	6.5	42.3	<30	4	2	230	1.42	5.4	<5	3	15	.02	.4	.1	27	.13	.066	15	10	.12	41	.07	2	.90	.02	.11	<2	.1	79	<.3	<.1	2.5	1
54735	1.0	4.3	5.9	31.6	<30	4	3	186	1.91	14.0	<5	3	24	.03	.4	.1	40	.21	.052	14	14	.14	37	.08	2	.71	.01	.16	<2	.1	80	<.3	<.1	1.8	2
54736	.9	4.8	6.2	26.5	74	3	3	485	1.45	3.7	<5	1	16	.05	.2	.1	29	.17	.053	16	12	.10	52	.06	<2	.74	.01	.10	<2	<.1	42	<.3	<.1	2.4	2
54737	.7	5.2	5.8	21.7	<30	4	3	272	1.46	7.1	<5	2	22	.03	.2	.1	28	.28	.018	29	12	.14	30	.08	2	.82	.02	.10	<2	.1	51	<.3	<.1	2.0	1
54738	.6	2.9	4.2	31.6	<30	6	3	238	1.50	6.7	<5	3	20	.03	.3	.1	31	.20	.053	13	12	.12	39	.09	<2	.76	.01	.13	<2	.1	37	<.3	.1	1.9	5
54739	1.6	12.4	5.9	202.7	244	7	3	1818	1.12	9.2	<5	2	191	.45	.4	.2	25	3.94	.192	21	9	.27	180	.06	5	.84	.05	.34	<2	.2	24	<.3	.1	2.5	1
54740	.9	3.2	5.6	29.5	<30	5	2	197	1.39	8.5	<5	3	24	.02	.4	.1	29	.28	.039	17	11	.12	41	.08	2	.56	.01	.11	<2	.1	96	<.3	<.1	1.7	<1
54741	.9	3.4	5.6	30.5	41	4	3	205	1.42	7.7	<5	2	28	.02	.4	.1	30	.36	.034	16	11	.12	39	.08	3	.56	.01	.11	<2	<.1	64	<.3	<.1	1.6	<1
54742	.7	3.7	6.7	30.6	54	5	3	318	1.31	3.9	<5	1	23	.02	.2	.2	26	.22	.034	20	10	.11	44	.08	<2	.78	.02	.08	<2	.1	32	<.3	.1	2.5	<1
54743	.5	2.1	5.7	40.5	<30	2	2	308	.99	1.5	<5	2	14	.02	<.2	.1	22	.15	.047	13	8	.06	37	.07	<2	.53	.01	.06	<2	<.1	17	<.3	<.1	2.0	1
54744	1.1	5.8	8.2	62.8	<30	7	4	518	2.10	10.5	<5	2	39	.03	.3	.1	35	.32	.058	28	14	.21	75	.06	3	1.55	.02	.09	<2	.1	56	<.3	<.1	3.6	1
54745	1.3	11.5	7.2	99.9	97	9	6	2586	1.44	5.0	<5	<1	53	.31	.2	.1	26	.52	.053	31	9	.12	146	.05	2	1.22	.02	.07	<2	<.1	75	<.3	<.1	3.3	<1
54746	.9	3.5	5.9	41.0	52	5	3	242	1.52	5.3	<5	1	28	.03	.3	.2	31	.26	.023	16	11	.14	49	.07	<2	.82	.01	.08	<2	<.1	67	<.3	<.1	2.7	4
54747	.8	4.1	6.2	29.0	34	6	3	176	1.62	4.2	<5	2	25	.02	.3	.1	32	.23	.024	17	13	.18	58	.09	2	.71	.02	.07	<2	.1	33	<.3	<.1	2.4	1
54748	1.3	3.7	5.9	72.1	<30	6	4	790	1.78	3.0	<5	1	31	.10	.2	.1	35	.29	.081	14	13	.14	82	.07	<2	.96	.01	.09	<2	<.1	44	<.3	<.1	3.1	1
~~RE 54748~~	1.2	3.3	5.7	70.5	<30	7	4	795	1.72	2.4	<5	1	30	.09	<.2	.1	34	.29	.082	14	13	.14	86	.07	2	.93	.01	.09	<2	<.1	45	<.3	<.1	2.7	<1
54749	.8	2.8	5.7	44.2	45	2	2	448	1.21	1.3	<5	1	12	.04	<.2	.1	24	.12	.040	14	9	.09	40	.06	4	.66	.01	.08	<2	<.1	39	<.3	<.1	2.1	<1
54750	.7	1.7	5.6	41.5	<30	3	2	339	.99	.9	<5	2	11	.02	<.2	.1	21	.12	.031	15	7	.06	41	.06	2	.53	.01	.06	<2	.1	26	<.3	<.1	1.9	<1
54751	.7	2.1	5.1	52.8	<30	5	1	176	1.05	1.5	<5	3	19	.02	<.2	.1	20	.18	.043	17	8	.09	51	.06	<2	.71	.02	.06	<2	<.1	26	<.3	<.1	2.1	1
54752	1.2	2.8	7.9	151.3	<30	4	1	2621	.85	2.0	<5	2	22	.14	.2	.1	13	.28	.042	34	4	.06	57	.05	<2	.66	.01	.08	<2	.1	42	<.3	.1	1.6	1
54753	1.1	4.1	5.5	35.7	<30	5	3	245	1.85	8.2	<5	1	25	.02	.4	.2	34	.26	.031	22	12	.19	62	.07	<2	.87	.02	.10	<2	.1	87	<.3	<.1	2.3	<1
54754	1.0	5.2	4.2	47.0	<30	8	3	336	2.29	7.3	<5	2	29	.05	.2	.2	44	.27	.025	25	18	.22	60	.09	2	1.04	.02	.09	<2	.1	100	<.3	.1	2.3	1
54755	.8	3.1	4.8	48.9	<30	4	3	310	1.59	3.4	<5	2	28	.04	.3	.2	35	.26	.054	14	12	.11	56	.08	2	.65	.01	.12	<2	.1	41	<.3	<.1	2.4	<1
54756	.7	3.4	4.5	35.6	<30	6	4	171	1.84	6.5	<5	2	20	.03	.2	.2	39	.21	.053	15	14	.14	53	.08	2	.90	.02	.07	<2	<.1	64	<.3	.1	1.7	1
54757	.4	1.7	4.3	51.5	<30	4	2	293	1.13	1.4	<5	2	17	.02	<.2	.1	27	.19	.032	15	10	.08	48	.08	<2	.65	.02	.07	<2	.1	34	<.3	<.1	1.8	<1
54758	.7	3.3	5.9	45.7	<30	5	1	206	1.60	4.6	<5	2	22	.02	.3	.2	33	.25	.056	17	12	.14	38	.08	2	.81	.01	.11	<2	<.1	65	<.3	<.1	2.2	1
54759	.9	3.3	5.5	24.4	<30	4	2	127	1.35	3.5	<5	1	14	.03	.2	.1	31	.19	.009	14	11	.09	22	.09	3	.60	.02	.07	<2	.1	45	<.3	<.1	2.4	<1
54760	.8	3.8	6.1	49.5	<30	5	3	428	1.90	7.2	<5	2	18	.04	.3	.1	40	.20	.067	16	15	.15	46	.07	2	.88	.01	.10	<2	<.1	66	<.3	<.1	2.3	58
54761	.8	2.8	5.5	36.0	<30	5	3	258	1.59	3.9	<5	3	16	.03	.2	.1	34	.19	.054	15	13	.12	49	.08	<2	.81	.01	.09	<2	.1	42	<.3	<.1	2.7	<1
54762	.8	3.6	4.8	23.6	<30	4	2	153	1.46	10.7	<5	3	26	.01	.5	.1	31	.26	.007	19	12	.17	33	.10	<2	.62	.05	.07	<2	<.1	104	<.3	<.1	1.6	2
STANDARD	21.2	118.7	84.5	271.7	1959	27	14	1000	4.40	72.7	19	21	60	2.31	9.1	20.5	70	.70	.095	17	50	1.17	218	.15	23	2.33	.05	.74	20	2.3	1915	.8	2.4	6.3	56

Standard is STANDARD D/C/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	AU+ ppb
54763	.5	3.3	4.2	25.5	<30	3	3	115	1.26	8.6	<5	2	30	.03	.3	.1	25	.25	.022	15	10	.15	44	.08	<2	.71	.03	.11	<2	<.1	107	.4	<.1	1.9	3
54764	.9	4.3	7.1	28.8	<30	3	2	209	1.50	10.1	<5	4	21	.04	.4	.2	30	.20	.024	26	11	.18	34	.08	<2	.60	.04	.08	<2	<.1	81	.3	<.1	1.6	5
54765	.5	1.8	5.7	45.6	<30	2	3	295	1.11	3.1	<5	3	17	.04	<.2	.1	23	.17	.018	16	8	.10	52	.07	<2	.67	.01	.10	<2	<.1	20	<.3	<.1	2.2	3
54766	.4	2.8	4.1	35.6	<30	8	2	135	1.18	2.4	<5	2	16	.04	.2	.1	24	.14	.013	13	9	.12	40	.07	<2	.97	.02	.07	<2	<.1	228	<.3	<.1	2.5	12
54767	.6	2.9	4.2	45.3	41	4	3	254	1.02	1.6	<5	2	13	.04	.2	.1	21	.14	.027	11	8	.08	36	.06	2	.67	.01	.07	<2	<.1	156	<.3	<.1	2.4	2
54768	.5	3.9	4.3	33.3	<30	4	1	231	1.15	1.7	<5	2	27	.05	<.2	.1	24	.26	.015	14	10	.13	40	.08	<2	.76	.02	.07	<2	<.1	212	<.3	<.1	2.3	2
~~RE 54768~~	.5	3.7	4.0	33.3	<30	6	2	240	1.17	1.8	<5	2	28	.04	<.2	.1	24	.27	.015	14	10	.13	38	.08	<2	.79	.02	.07	<2	<.1	200	<.3	.1	2.0	1
54769	.7	4.0	4.5	47.3	<30	5	3	234	1.38	2.0	<5	2	18	.06	<.2	.1	29	.20	.049	12	11	.10	46	.08	<2	.91	.01	.09	<2	<.1	52	<.3	<.1	3.2	<1
54770	.9	3.3	5.0	65.4	39	4	3	849	1.33	1.9	<5	1	17	.08	.2	.1	26	.19	.051	12	10	.12	40	.07	<2	.94	.01	.09	<2	<.1	54	<.3	.1	3.0	<1
54771	.8	3.6	4.7	56.9	40	9	3	299	1.44	2.4	<5	1	21	.06	.3	.1	29	.18	.030	13	11	.15	48	.09	<2	1.27	.02	.08	<2	<.1	47	<.3	.1	3.7	1
54772	.8	3.6	4.3	47.6	30	5	4	505	1.40	3.4	<5	2	26	.06	.4	.1	29	.23	.021	15	11	.13	52	.09	3	.76	.03	.14	<2	<.1	236	<.3	.1	2.1	1
54773	.9	7.3	5.4	45.9	36	5	4	497	2.02	3.6	<5	1	43	.08	.3	.1	41	.40	.051	18	18	.15	65	.07	4	.80	.02	.17	<2	<.1	217	<.3	<.1	2.3	<1
54774	.6	2.8	4.4	38.0	<30	5	2	143	1.48	2.8	<5	2	12	.04	.2	.2	30	.12	.047	11	11	.10	25	.09	<2	.91	.02	.07	<2	<.1	33	<.3	<.1	3.2	<1
54775	.9	4.2	4.9	53.9	34	5	3	220	1.68	6.3	<5	2	22	.06	.4	.1	34	.26	.045	14	12	.15	34	.07	<2	.81	.02	.13	<2	<.1	47	<.3	<.1	2.5	1
54776	.8	2.9	4.3	38.1	<30	3	2	183	1.37	4.3	<5	1	12	.05	.2	.2	29	.15	.020	13	10	.09	21	.07	<2	.67	.01	.11	<2	<.1	32	<.3	<.1	1.7	<1
54777	.9	3.6	4.8	38.7	40	5	2	139	1.51	5.1	<5	2	16	.03	.5	.2	31	.18	.037	13	10	.12	23	.08	<2	.68	.02	.14	<2	<.1	57	.3	.1	2.3	<1
STANDARD D/C/AU-S	24.3	127.2	80.6	264.9	2005	28	14	995	4.26	73.2	18	20	54	2.47	9.9	20.7	66	.64	.092	16	48	1.12	234	.13	22	2.21	.05	.69	17	<.1	1888	.9	1.9	8.5	52

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

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL EXTRACTION ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 249 File # 95-1921 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: G. Goodall

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51040	.7	4.9	4.4	74.6	<30	7	4	434	1.43	4.0	<5	2	36	.07	<.2	.1	33	.30	.045	10	15	.15	81	.07	<2	1.00	.01	.05	<2	<.1	79	<.3	.1	2.3	4
51041	.7	5.9	4.7	67.0	<30	12	4	171	1.86	4.0	<5	2	27	.04	.2	.1	38	.19	.074	10	18	.18	103	.08	<2	1.74	.01	.05	<2	<.1	55	<.3	<.1	3.9	2
51042	.5	6.0	4.4	93.4	<30	13	6	199	2.02	2.6	<5	2	20	.05	<.2	<.1	40	.17	.095	9	18	.21	99	.09	<2	1.84	.01	.05	<2	<.1	30	<.3	.1	3.8	1
51043	.5	6.7	4.6	84.5	397	12	5	178	1.79	1.9	<5	2	22	.03	<.2	<.1	38	.16	.060	10	18	.18	108	.09	3	1.56	.03	.05	<2	<.1	31	<.3	.1	3.3	1
51044	.9	14.3	5.8	76.1	56	11	5	288	2.08	1.5	<5	1	61	.13	<.2	<.1	37	.53	.080	15	22	.17	100	.05	<2	1.40	.02	.08	<2	<.1	64	<.3	.1	4.5	1
51045	.5	5.7	3.7	52.1	<30	9	4	192	1.68	2.2	<5	2	25	.03	<.2	<.1	37	.20	.046	9	17	.16	93	.09	<2	1.23	.01	.05	<2	<.1	34	<.3	.1	2.5	1
51046	.4	6.0	5.2	29.0	<30	7	3	145	1.89	2.3	<5	2	38	.02	<.2	.1	34	.43	.017	13	18	.23	74	.08	2	1.32	.02	.05	<2	<.1	58	<.3	.1	2.8	1
51047	.7	5.0	5.4	73.9	<30	9	5	160	1.98	3.7	<5	3	18	.03	<.2	.1	40	.16	.118	12	16	.16	104	.07	3	1.58	.01	.04	<2	<.1	54	<.3	.1	3.6	<1
51048	.6	4.1	5.5	51.9	<30	6	5	466	1.59	1.8	<5	2	19	.04	<.2	<.1	34	.17	.097	10	13	.12	99	.07	<2	1.13	.01	.05	<2	<.1	35	<.3	<.1	2.7	<1
51049	1.5	17.0	7.6	63.6	172	10	9	648	2.91	7.1	<5	3	62	.07	.2	.1	49	.48	.069	27	26	.31	149	.04	4	2.90	.03	.09	<2	.1	89	<.3	<.1	7.7	3
51050	.4	4.9	5.4	50.8	<30	5	3	238	1.32	1.5	<5	2	20	.02	<.2	<.1	30	.19	.028	12	12	.15	63	.08	<2	1.01	.01	.04	<2	<.1	40	<.3	<.1	2.1	2
51051	.7	6.5	6.2	43.9	<30	6	5	193	1.91	3.5	<5	3	24	.04	.2	<.1	43	.18	.045	12	17	.18	79	.08	<2	1.16	.01	.06	<2	<.1	40	<.3	<.1	2.6	2
51052	.5	6.9	6.7	25.6	411	5	4	135	1.19	2.4	<5	2	35	.02	<.2	<.1	23	.25	.033	13	11	.16	74	.06	2	1.26	.05	.06	<2	.1	69	<.3	<.1	2.5	6
51053	.5	6.1	5.8	33.6	64	3	3	116	1.16	1.7	<5	2	27	.02	<.2	<.1	25	.21	.029	12	10	.11	70	.07	3	.91	.02	.06	<2	<.1	50	<.3	<.1	2.5	1
RE 51053	.4	6.5	5.4	35.9	48	5	3	115	1.20	1.5	<5	2	27	.02	<.2	<.1	26	.21	.029	13	10	.11	70	.06	3	.94	.01	.06	<2	<.1	40	<.3	<.1	2.3	<1
51054	.8	6.6	6.4	98.2	<30	10	6	608	1.63	1.8	<5	2	23	.05	<.2	.1	36	.19	.034	11	18	.15	129	.07	<2	1.79	.01	.05	<2	.1	38	<.3	<.1	3.7	1
51055	.5	7.5	5.3	92.4	<30	8	4	302	1.36	1.2	<5	2	31	.06	<.2	<.1	30	.23	.033	11	16	.12	88	.08	2	1.02	.01	.06	<2	<.1	25	<.3	<.1	2.8	1
51056	.7	6.9	6.0	92.8	<30	9	6	397	1.66	2.3	<5	2	20	.05	<.2	<.1	36	.16	.084	11	18	.12	95	.07	2	1.61	.01	.05	<2	<.1	35	<.3	<.1	4.1	1
51057	.6	5.4	5.5	62.8	<30	4	3	143	1.74	2.3	<5	2	19	.03	<.2	<.1	37	.17	.086	9	15	.14	78	.06	<2	1.09	.01	.05	<2	<.1	36	<.3	<.1	3.2	2
51058	1.2	15.1	5.5	356.5	58	20	12	1285	2.98	<.5	<5	1	53	.17	<.2	<.1	63	.40	.127	9	52	.22	229	.06	2	2.45	.01	.16	<2	<.1	56	<.3	.1	6.4	1
51059	1.4	13.3	6.1	229.3	114	14	11	1192	2.52	<.5	<5	1	40	.23	<.2	.1	53	.29	.089	7	46	.17	167	.07	9	2.13	.02	.08	<2	<.1	44	<.3	<.1	6.6	1
51060	1.2	10.5	5.0	109.6	<30	15	8	343	2.42	1.2	<5	3	35	.05	.2	<.1	46	.25	.079	9	32	.19	139	.08	3	1.95	.02	.06	<2	<.1	42	<.3	<.1	4.6	2
51061	.8	9.5	5.0	123.1	62	17	8	467	2.67	1.4	<5	2	39	.07	<.2	<.1	53	.30	.089	9	36	.20	124	.09	3	1.90	.04	.06	<2	<.1	47	<.3	<.1	4.5	<1
51062	1.4	16.0	6.9	180.1	66	17	10	1155	2.93	<.5	<5	1	65	.16	<.2	<.1	52	.47	.117	7	48	.22	241	.08	2	2.45	.02	.10	<2	<.1	48	<.3	.1	7.1	1
51063	1.1	10.4	5.3	199.5	36	18	9	644	2.98	1.5	<5	2	46	.08	.2	.1	56	.40	.117	7	47	.23	206	.06	<2	2.38	.01	.13	<2	<.1	50	<.3	<.1	5.4	1
51064	.9	16.7	5.1	134.0	38	28	14	799	2.99	1.2	<5	2	59	.12	.2	.1	54	.46	.062	15	43	.26	188	.08	<2	3.00	.02	.08	<2	.1	52	<.3	<.1	6.0	1
51065	.7	10.7	4.9	187.9	45	12	7	673	2.26	.6	<5	2	38	.11	.4	.1	46	.31	.045	9	39	.23	118	.09	<2	1.61	.02	.07	<2	.1	42	<.3	<.1	4.4	1
51066	.7	15.8	5.6	131.7	<30	18	8	571	3.48	.9	<5	3	59	.07	.5	<.1	65	.40	.070	10	69	.22	193	.08	<2	2.50	.02	.14	<2	<.1	44	<.3	<.1	5.4	1
51067	.5	4.2	4.2	22.9	<30	<1	1	72	.54	1.4	<5	3	15	.01	<.2	.1	10	.12	.009	13	5	.07	55	.03	<2	.54	.01	.11	<2	<.1	18	<.3	<.1	1.4	2
51068	.4	3.2	5.6	17.0	594	2	1	54	.65	1.4	<5	3	19	<.01	<.2	<.1	10	.13	.009	12	6	.08	61	.05	3	.70	.03	.08	<2	.1	24	<.3	<.1	1.4	2
51069	.5	3.4	5.4	25.4	<30	2	1	130	.82	1.6	<5	3	17	.01	<.2	<.1	15	.14	.016	12	7	.11	47	.06	<2	.71	.02	.07	<2	<.1	50	<.3	<.1	1.8	1
51070	.8	3.6	6.3	33.5	<30	3	3	235	1.15	1.7	<5	2	23	.01	<.2	.1	24	.21	.021	14	11	.13	47	.08	7	.86	.02	.07	<2	<.1	27	<.3	<.1	2.3	1
51071	.4	4.4	5.1	29.9	<30	4	3	139	1.29	1.7	<5	3	30	.01	<.2	<.1	21	.26	.022	13	14	.19	64	.07	8	1.02	.02	.08	<2	<.1	49	<.3	<.1	2.1	1
51072	.6	5.5	5.4	46.3	<30	5	4	122	1.86	2.6	<5	3	21	.02	<.2	<.1	35	.20	.055	12	17	.19	77	.09	<2	1.44	.01	.06	<2	<.1	20	<.3	<.1	2.7	1
STANDARD D/AU-S	22.3	119.2	88.9	248.0	1863	26	15	919	4.20	68.0	18	19	56	2.17	9.8	19.3	63	.68	.087	17	49	1.30	230	.12	23	2.34	.05	.70	18	2.5	455	1.3	2.1	6.1	51

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 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 GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP.
- SAMPLE TYPE: SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 20 1995 **DATE REPORT MAILED:** June 30/95 **SIGNED BY.** D. Toye .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51073	.3	3.5	6.3	28.7	<30	<1	2	111	.97	2.1	<5	3	17	.03	.3	.1	21	.18	.010	10	9	.13	51	.09	2	.72	.02	.04	<2	.1	26	<.3	.1	2.1	<1
51074	.5	5.4	5.2	30.9	<30	3	3	156	1.56	3.1	<5	3	22	.03	.3	<.1	27	.23	.051	11	13	.15	72	.06	<2	1.02	.02	.05	<2	.1	37	<.3	.1	2.9	3
51075	.4	3.8	5.7	30.5	<30	5	3	391	1.42	1.7	<5	3	27	.04	.5	<.1	27	.28	.024	14	14	.15	54	.08	3	.88	.03	.07	<2	<.1	38	<.3	.1	2.2	2
51076	.4	4.2	5.4	31.4	<30	1	2	126	1.37	1.3	<5	3	19	.02	.3	.1	26	.20	.026	11	12	.13	48	.07	4	.71	.02	.05	<2	<.1	26	<.3	.1	2.5	2
51077	1.7	11.7	7.3	56.1	52	7	3	712	2.21	1.2	<5	2	63	.11	.4	.1	30	.69	.048	23	17	.24	102	.05	3	1.51	.02	.10	<2	.1	71	<.3	.1	5.8	1
51078	.4	4.8	3.4	34.3	<30	4	3	195	1.66	.5	<5	2	33	.03	.3	<.1	32	.29	.021	13	13	.15	72	.07	4	.85	.03	.06	<2	<.1	27	<.3	.1	2.2	1
51079	.5	12.1	6.5	54.6	54	9	5	270	2.97	3.2	<5	4	41	.04	.7	.1	38	.46	.023	16	21	.30	83	.07	3	1.27	.04	.13	<2	.1	40	<.3	.1	4.5	<1
51080	.8	6.5	4.4	49.8	31	5	4	390	1.85	2.3	<5	3	35	.06	.8	<.1	35	.41	.042	13	16	.18	70	.07	4	.86	.02	.07	<2	.1	58	<.3	<.1	2.5	2
51081	.4	8.5	4.8	199.5	59	5	5	306	1.69	<.5	<5	3	40	.09	.2	<.1	31	.31	.149	12	14	.12	144	.07	3	1.01	.02	.09	<2	<.1	26	<.3	.1	3.6	2
RE 51081	.4	8.2	4.5	209.1	56	5	5	304	1.73	<.5	<5	3	40	.08	.2	<.1	32	.31	.154	12	15	.12	144	.07	3	1.03	.02	.10	<2	.1	24	<.3	.1	3.1	3
51082	.6	6.3	3.9	119.6	34	7	7	261	2.15	.5	<5	2	45	.07	.4	<.1	38	.35	.198	11	18	.17	177	.06	5	1.36	.01	.09	<2	<.1	46	<.3	<.1	3.9	1
51083	.5	6.1	3.8	59.4	<30	8	5	239	2.35	3.1	<5	3	31	.04	.7	.1	50	.34	.077	13	20	.19	67	.10	4	1.06	.02	.08	<2	.1	30	<.3	.1	2.6	2
51084	.7	7.1	4.4	58.1	<30	8	5	411	1.88	1.4	<5	3	31	.04	.6	<.1	40	.30	.055	12	17	.16	85	.09	16	1.02	.02	.08	<2	.1	67	<.3	<.1	2.8	1
51085	.8	11.4	6.8	46.8	32	10	5	281	2.03	2.5	<5	3	32	.04	.9	.1	43	.28	.051	12	21	.18	96	.10	2	1.34	.02	.07	<2	.1	36	<.3	.1	4.9	1
51086	.8	9.9	5.3	77.9	44	16	6	233	2.31	1.5	<5	2	31	.05	.6	.1	47	.25	.101	9	31	.15	121	.08	2	1.90	.02	.06	<2	.1	37	<.3	.1	6.4	<1
51087	.7	11.1	6.3	143.8	101	13	6	197	2.10	.8	<5	2	29	.07	.6	<.1	42	.28	.089	10	24	.17	127	.09	3	1.60	.02	.07	<2	.1	23	<.3	.2	5.8	<1
51088	1.0	15.5	7.1	101.2	118	14	18	907	3.53	2.4	<5	4	77	.12	.3	.1	63	.80	.075	20	9	.38	202	.04	7	1.67	.02	.11	<2	.1	51	<.3	.1	5.0	6
51089	.5	5.6	4.4	55.3	<30	4	5	243	1.68	.8	<5	2	31	.03	.3	<.1	34	.27	.037	12	15	.17	119	.08	17	1.04	.02	.05	<2	.1	19	<.3	.1	2.7	1
51090	.8	8.6	9.0	45.0	36	6	3	137	2.14	1.5	<5	3	30	.02	.3	.1	46	.25	.032	12	22	.15	76	.10	3	1.21	.03	.04	<2	.1	27	<.3	.2	4.7	1
51091	.6	9.3	6.2	70.2	<30	13	7	159	2.09	.8	6	2	40	.03	<.2	<.1	42	.31	.080	10	23	.14	102	.08	3	1.78	.02	.07	<2	<.1	31	<.3	<.1	5.6	<1
51092	.8	9.0	6.0	134.8	<30	13	8	610	2.17	<.5	6	2	30	.04	<.2	.1	44	.26	.112	11	27	.13	138	.09	3	1.77	.02	.07	<2	<.1	36	<.3	.1	6.3	<1
51093	1.1	6.0	5.3	107.4	<30	7	4	410	1.96	.8	6	3	24	.05	<.2	.1	38	.21	.110	12	20	.14	127	.08	3	1.39	.02	.08	<2	<.1	42	<.3	.1	4.8	<1
51094	1.2	4.4	5.5	120.5	<30	14	5	675	1.71	1.0	<5	2	20	.03	<.2	.1	36	.20	.077	11	17	.15	131	.08	2	1.35	.02	.07	<2	<.1	32	<.3	.1	3.9	10
51095	.9	13.0	6.9	120.3	<30	27	9	598	3.02	1.4	8	3	31	.06	<.2	.1	61	.22	.055	12	35	.18	170	.09	5	3.43	.02	.06	<2	.1	43	<.3	<.1	9.6	<1
51096	.9	6.2	5.4	125.5	<30	12	6	245	2.14	1.1	6	2	19	.03	<.2	<.1	43	.16	.117	11	22	.13	97	.07	4	1.69	.01	.06	<2	.1	48	<.3	.1	5.6	<1
51097	1.6	12.2	14.9	197.5	55	23	12	1880	3.20	1.8	7	3	15	.09	.2	.1	55	.15	.131	18	18	.15	183	.07	12	3.21	.02	.05	<2	.2	65	<.3	.2	9.9	<1
51098	.8	13.5	5.3	116.2	174	18	10	778	2.48	.8	8	2	79	.15	<.2	.1	41	.58	.048	31	9	.18	144	.05	3	1.58	.02	.07	<2	.1	61	<.3	.1	4.9	64
51099	.9	10.5	6.6	133.6	54	14	7	550	2.29	1.3	7	2	50	.09	.2	<.1	43	.38	.091	13	16	.20	144	.07	3	1.79	.01	.07	<2	.1	64	<.3	.1	6.0	2
51100	.7	10.8	6.1	69.4	<30	11	6	554	2.24	1.6	9	3	46	.03	<.2	.1	47	.34	.048	17	19	.22	140	.06	4	1.95	.02	.06	<2	.1	56	<.3	.1	5.4	1
51301	2.2	18.7	7.2	199.4	158	25	18	2717	4.40	2.3	<5	3	90	.25	.2	.1	69	.54	.108	27	15	.19	312	.04	5	3.44	.02	.08	<2	.2	78	<.3	<.1	8.1	6
51302	.9	5.4	4.1	106.1	46	9	5	515	1.74	<.5	8	2	40	.04	<.2	<.1	36	.30	.091	10	15	.14	131	.08	4	1.18	.02	.07	<2	<.1	39	<.3	.1	3.4	1
51303	1.0	6.4	5.2	180.8	59	8	8	1268	1.99	.6	9	2	61	.21	<.2	.1	39	.45	.171	12	14	.11	271	.06	4	1.13	.01	.10	<2	.1	60	<.3	.1	3.7	<1
51304	.8	5.1	5.5	93.0	<30	7	6	649	1.82	.8	10	2	29	.05	<.2	<.1	39	.26	.083	11	17	.12	144	.06	6	1.08	.02	.07	<2	.1	35	<.3	.1	3.4	<1
51305	.4	9.5	5.2	26.6	37	7	4	175	1.58	1.3	11	3	55	.02	.3	<.1	29	.46	.033	24	12	.17	99	.06	2	.88	.03	.09	<2	.1	65	<.3	.1	2.6	<1
STANDARD D/AU-S	23.5	118.5	87.6	243.4	1868	30	14	1029	4.37	68.2	18	20	55	2.01	9.1	19.3	66	.71	.097	18	50	1.17	237	.12	26	2.21	.05	.69	19	2.0	459	.8	1.9	6.7	53

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51306	.9	7.3	3.4	66.7	<30	5	4	230	1.58	3.0	<5	2	32	.03	<.2	<.1	28	.25	.034	11	11	.12	111	.08	<2	1.39	.02	.07	<2	.1	50	<.3	<.1	3.1	<1
51307	.7	7.2	6.4	61.6	<30	3	7	113	1.99	1.8	<5	5	50	.02	<.2	<.1	32	.28	.051	24	6	.16	152	.06	2	2.22	.02	.09	<2	.1	66	<.3	.1	4.1	1
51308	.9	6.3	5.2	124.1	<30	12	8	995	2.28	2.4	<5	3	30	.05	.2	<.1	43	.24	.090	12	22	.15	154	.09	3	1.67	.01	.06	<2	.1	58	<.3	.1	3.7	1
51309	.7	7.0	4.3	128.6	<30	11	4	269	1.80	.8	<5	2	39	.04	.2	<.1	36	.31	.047	9	27	.13	108	.10	2	1.34	.02	.07	<2	.1	34	<.3	.1	3.2	1
51310	.4	7.1	3.7	69.6	<30	6	3	167	1.62	1.0	<5	2	31	.03	.3	.1	31	.26	.023	8	23	.14	71	.09	2	1.04	.02	.04	<2	<.1	31	<.3	.1	2.3	2
51311	.7	10.1	4.4	72.5	<30	12	6	230	2.18	1.4	<5	2	38	.03	.5	.1	45	.29	.048	11	33	.15	106	.11	<2	1.53	.03	.07	<2	.1	38	<.3	.1	3.4	3
51312	.5	7.4	3.7	98.6	<30	9	5	283	1.87	1.2	<5	2	31	.04	.5	<.1	39	.22	.029	10	28	.13	108	.10	<2	1.40	.02	.06	<2	.1	28	<.3	<.1	2.8	1
51313	.8	6.0	3.9	77.7	<30	7	6	894	1.86	2.1	<5	2	28	.04	.7	.1	40	.24	.039	10	18	.13	98	.08	7	1.15	.02	.06	<2	.1	71	<.3	.1	2.5	<1
51314	.6	5.1	3.6	58.7	<30	7	4	397	1.58	1.7	<5	2	25	.03	.6	.1	34	.20	.019	10	18	.12	81	.09	<2	1.00	.02	.04	<2	.1	31	<.3	.1	2.2	<1
51315	.6	5.7	5.5	88.7	<30	7	5	512	1.86	1.4	<5	2	31	.07	.5	<.1	38	.29	.037	10	20	.15	97	.10	<2	1.20	.02	.09	<2	.1	39	<.3	.1	2.7	3
51316	.8	8.3	3.9	59.9	<30	9	6	500	2.21	3.3	<5	2	26	.04	1.3	<.1	49	.21	.032	11	18	.14	90	.09	2	1.35	.02	.07	<2	.1	55	<.3	.1	3.0	1
51317	.9	6.6	7.0	61.9	<30	7	4	837	1.95	2.6	<5	2	28	.05	.3	.1	34	.26	.041	14	18	.17	92	.09	2	1.53	.01	.08	<2	.1	58	<.3	<.1	3.7	<1
51318	.6	4.9	5.6	38.2	<30	4	2	155	1.42	1.8	<5	2	21	.02	.2	.1	29	.25	.015	12	14	.15	35	.10	<2	.89	.01	.06	<2	.1	40	<.3	.1	2.3	<1
51319	1.0	5.9	7.8	42.7	<30	8	3	136	2.01	5.2	<5	3	20	.04	.4	.1	35	.20	.081	12	16	.14	77	.08	<2	1.39	.01	.07	<2	.1	63	<.3	.1	3.7	11
51320	.3	4.6	5.0	29.9	<30	4	3	138	1.67	2.4	<5	3	26	.01	.3	.1	36	.26	.019	12	16	.17	60	.12	5	.79	.02	.07	<2	.1	23	<.3	<.1	1.8	1
51321	.5	5.0	6.3	28.1	<30	4	3	243	1.40	2.4	<5	3	33	.02	.3	.1	26	.33	.028	15	13	.19	62	.10	4	.80	.02	.09	<2	.2	34	<.3	<.1	2.0	<1
51322	.7	3.7	5.5	38.5	<30	3	3	203	1.16	3.1	<5	3	14	.01	.2	<.1	22	.11	.033	13	9	.08	69	.06	2	.79	.01	.06	<2	.1	30	<.3	<.1	2.0	<1
51323	.5	2.9	4.6	31.6	<30	2	1	52	.74	3.6	<5	2	9	<.01	<.2	<.1	12	.08	.015	10	5	.06	34	.05	<2	.99	.01	.06	<2	.1	24	<.3	<.1	2.4	<1
51324	1.4	9.4	8.4	54.6	<30	3	3	121	1.45	6.7	<5	3	13	.01	<.2	.1	18	.12	.031	13	9	.08	40	.02	2	1.75	.01	.08	<2	.2	78	<.3	.1	5.0	<1
51325	.8	4.7	5.1	23.9	<30	2	1	63	.58	4.3	<5	2	13	.01	.2	.1	11	.09	.012	13	4	.05	34	.03	<2	.64	.02	.08	<2	.2	42	<.3	.1	1.7	<1
51326	.9	3.8	4.7	18.2	<30	1	1	111	.58	2.9	<5	2	10	.01	<.2	.1	8	.09	.009	11	4	.04	27	.02	2	.63	.02	.08	<2	.2	19	<.3	<.1	1.7	<1
51327	.9	3.9	5.0	24.4	<30	<1	<1	57	.71	4.1	<5	2	11	<.01	<.2	.1	9	.09	.011	11	4	.05	28	.03	4	.80	.02	.08	<2	.1	32	<.3	.1	2.1	3
RE 51327	.8	3.2	4.3	22.3	<30	1	1	53	.68	3.5	<5	2	10	<.01	.2	.1	9	.09	.010	11	4	.05	27	.03	<2	.74	.02	.08	<2	.1	28	<.3	<.1	1.7	<1
51328	1.0	5.5	4.6	20.4	305	<1	1	37	.58	5.1	<5	2	10	<.01	<.2	.1	8	.11	.006	11	3	.05	25	.02	3	.76	.03	.07	<2	.3	21	<.3	.1	2.1	<1
51329	.5	3.3	3.8	17.9	<30	2	1	81	.44	2.5	<5	2	9	.01	<.2	.1	7	.08	.003	9	4	.04	27	.02	6	.58	.02	.07	<2	.1	23	<.3	.1	1.3	<1
51330	.8	3.4	4.9	17.4	<30	2	1	43	.57	5.3	<5	2	12	<.01	.2	.1	9	.09	.006	11	4	.05	31	.03	2	.61	.01	.09	<2	.2	21	<.3	.1	1.4	1
51331	.7	3.8	5.1	17.7	<30	2	<1	51	.70	3.5	<5	2	15	<.01	.2	.1	11	.12	.009	14	5	.06	39	.03	3	.54	.02	.10	<2	.2	33	<.3	.1	1.5	<1
51332	.7	3.8	5.5	19.6	<30	3	1	77	.96	3.1	<5	2	14	<.01	<.2	.1	14	.12	.008	11	7	.08	28	.05	<2	.84	.02	.08	<2	.1	27	<.3	<.1	1.9	<1
51333	.5	3.2	4.3	22.0	<30	3	1	96	.84	2.3	<5	2	14	<.01	<.2	<.1	11	.14	.010	12	6	.07	24	.04	<2	.79	.02	.09	<2	.1	30	<.3	<.1	1.5	1
51334	.4	2.8	4.7	17.8	<30	2	<1	56	.57	1.9	<5	2	12	<.01	<.2	.1	10	.11	.004	11	5	.06	25	.05	4	.51	.02	.08	<2	.1	24	<.3	<.1	1.3	2
51411	.6	6.0	3.9	57.8	91	8	4	725	1.52	.8	<5	1	26	.04	<.2	<.1	30	.24	.051	9	16	.11	109	.06	2	.93	.02	.10	<2	.1	30	<.3	<.1	2.2	<1
51412	.5	4.9	3.6	34.0	<30	11	4	203	1.84	2.9	<5	1	20	.03	<.2	<.1	38	.20	.046	8	16	.15	60	.06	3	.91	.01	.06	<2	.1	42	<.3	<.1	2.0	<1
51413	.7	6.7	4.2	48.5	54	11	5	179	2.23	3.8	<5	2	20	.02	<.2	.1	43	.19	.063	9	20	.17	90	.07	2	1.44	.01	.05	<2	.2	36	<.3	<.1	3.2	<1
51414	1.0	6.3	6.1	97.6	36	9	6	286	2.27	3.9	<5	1	31	.08	.2	<.1	41	.30	.093	9	15	.21	107	.05	2	1.37	.01	.06	<2	.2	83	<.3	.1	4.1	<1
STANDARD D/AU-S	22.1	139.1	97.3	269.7	1969	29	14	1057	4.71	74.6	19	21	56	2.22	10.9	21.6	67	.67	.089	18	52	1.28	249	.14	21	2.42	.06	.75	19	2.3	463	.8	2.3	6.1	48

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51415	.5	4.8	4.7	32.3	<30	4	3	185	1.21	3.1	<5	2	26	.03	.2	.1	25	.24	.017	11	10	.16	54	.07	3	.91	.01	.04	<2	.1	80	<.3	.1	2.7	1
51416	.8	4.2	5.6	74.1	<30	8	4	443	1.58	2.0	<5	3	14	.05	.2	<.1	32	.16	.066	10	13	.13	76	.08	<2	1.16	.01	.05	<2	<.1	51	<.3	<.1	3.2	1
51417	.7	3.9	5.5	29.5	<30	3	1	139	1.01	.9	<5	3	24	.02	.2	.1	22	.17	.019	13	8	.09	50	.08	2	.65	.01	.11	<2	.1	38	<.3	.1	2.2	<1
51418	.4	3.9	5.1	31.7	<30	2	2	116	1.09	.8	<5	2	33	.02	.2	.1	21	.28	.012	12	9	.14	48	.08	2	.67	.02	.10	<2	.1	47	<.3	.1	1.9	1
51419	.8	5.4	6.3	56.8	<30	5	4	147	1.83	3.3	<5	2	19	.03	.2	<.1	32	.16	.069	10	13	.13	91	.05	2	1.27	.01	.04	<2	.1	37	<.3	.1	3.6	2
51420	.4	4.7	6.7	38.0	<30	6	3	136	1.18	1.0	<5	3	28	.01	<.2	<.1	24	.28	.031	12	11	.19	74	.08	<2	.78	.02	.04	<2	.1	32	<.3	<.1	2.1	<1
51421	.4	3.7	6.4	20.2	<30	3	2	93	.94	2.0	<5	3	38	.01	.3	<.1	22	.30	.040	14	10	.14	105	.07	<2	.66	.03	.05	<2	.1	29	<.3	.1	1.8	2
51422	.5	5.2	6.6	29.1	38	4	2	140	1.45	2.1	<5	2	30	.01	.4	.1	31	.30	.032	14	13	.22	62	.09	3	.84	.02	.05	<2	.1	25	<.3	.1	2.5	<1
51423	.6	4.2	5.8	48.7	<30	5	4	173	1.44	<.5	<5	2	25	.03	.2	.1	32	.22	.022	12	16	.15	78	.09	<2	1.03	.01	.05	<2	.1	37	<.3	<.1	3.4	1
51424	.4	3.7	5.5	26.6	31	3	3	151	1.55	<.5	<5	2	25	.02	.2	<.1	31	.29	.011	10	13	.16	62	.08	<2	.89	.01	.04	<2	.1	43	<.3	<.1	2.6	3
51425	.5	4.2	5.3	25.7	<30	5	3	137	1.34	1.6	<5	2	18	.01	.3	.1	28	.19	.021	9	11	.18	47	.09	3	.88	.01	.04	<2	.1	37	<.3	.1	3.0	1
51426	.4	6.7	6.2	26.8	52	6	3	228	1.35	2.2	<5	2	37	.04	.6	.1	27	.40	.015	13	13	.21	48	.09	<2	.93	.02	.05	<2	.1	55	<.3	<.1	2.7	30
51427	.4	4.2	5.1	23.9	<30	2	2	134	1.40	1.4	<5	2	24	.02	.5	<.1	28	.26	.011	9	11	.15	42	.08	3	.75	.01	.06	<2	.1	29	<.3	.1	2.4	<1
51428	.9	5.9	5.6	36.4	<30	8	4	197	2.16	5.0	<5	2	18	.03	1.7	<.1	45	.20	.048	9	18	.16	54	.09	<2	1.05	.02	.05	<2	.1	40	<.3	<.1	3.4	1
RE 51428	.9	5.4	5.0	35.5	<30	6	4	187	2.04	4.6	<5	2	17	.03	1.5	<.1	43	.18	.046	9	17	.15	48	.08	2	1.00	.01	.05	<2	.1	51	<.3	<.1	3.1	2
51429	.4	4.3	5.7	31.5	<30	4	3	195	1.31	1.0	<5	2	21	.03	.7	<.1	27	.26	.013	9	12	.14	42	.08	2	.78	.02	.04	<2	.1	23	<.3	<.1	2.7	2
51430	.5	3.8	4.9	28.7	<30	4	3	218	1.68	2.2	<5	2	21	.02	1.1	<.1	35	.25	.016	9	13	.16	54	.09	2	.88	.01	.04	<2	.1	19	<.3	.1	2.6	2
51431	.4	3.9	5.2	30.9	31	4	1	150	1.56	2.3	<5	2	20	.02	1.5	<.1	32	.26	.012	10	13	.15	45	.09	<2	.78	.01	.05	<2	.1	23	<.3	<.1	2.5	3
51432	.5	4.8	6.4	26.6	<30	5	3	213	1.72	2.6	<5	3	24	.03	2.5	<.1	35	.31	.014	12	13	.18	46	.09	2	.84	.02	.05	<2	.1	37	<.3	<.1	2.8	1
51433	.5	4.3	6.0	35.1	30	2	4	428	1.93	2.9	<5	2	31	.04	1.7	<.1	30	.49	.015	10	15	.19	50	.08	<2	1.14	.01	.07	<2	.1	54	<.3	<.1	3.4	1
51434	.5	10.2	5.3	66.3	<30	14	5	163	2.17	1.6	<5	2	37	.03	.5	<.1	40	.28	.059	10	25	.17	92	.10	<2	1.54	.02	.06	<2	<.1	32	<.3	.1	4.1	2
51435	.9	17.0	5.4	56.3	34	13	8	308	2.93	4.2	<5	3	33	.03	1.0	<.1	58	.26	.043	14	25	.24	136	.08	<2	2.64	.02	.04	<2	.1	77	<.3	.1	6.1	<1
51436	.4	11.4	4.0	40.2	31	7	5	231	2.04	.9	<5	3	30	.03	.7	<.1	42	.28	.018	12	25	.17	64	.10	<2	1.05	.02	.07	<2	.1	26	<.3	<.1	3.1	1
51437	.8	9.7	5.1	84.3	40	12	5	191	2.24	1.4	<5	2	30	.04	.4	.1	40	.26	.122	9	29	.17	97	.08	<2	1.66	.01	.08	<2	.1	50	<.3	.1	4.5	1
51438	.6	9.2	3.9	40.7	<30	11	5	155	2.04	.5	<5	2	36	.02	.5	<.1	39	.26	.033	9	31	.15	112	.08	<2	1.55	.02	.08	<2	<.1	48	<.3	<.1	3.8	5
51439	.6	7.1	3.8	32.5	<30	8	4	151	1.99	3.1	<5	3	27	.02	.9	<.1	41	.22	.032	10	19	.16	82	.09	<2	1.21	.02	.06	<2	<.1	34	<.3	<.1	2.7	2
51440	.5	6.4	4.0	44.7	<30	8	5	173	1.74	1.7	6	2	26	.02	.6	<.1	36	.24	.032	11	14	.16	87	.10	<2	1.24	.02	.05	<2	.1	32	<.3	.1	3.0	3
51441	.5	8.0	3.6	39.8	<30	6	4	166	2.20	3.0	<5	2	26	.02	1.2	<.1	46	.23	.020	10	22	.17	58	.10	<2	1.12	.01	.07	<2	.1	26	<.3	.1	3.0	4
51442	.6	10.2	4.5	31.7	<30	10	5	242	2.71	3.4	<5	4	37	.02	1.4	<.1	55	.31	.016	16	21	.19	58	.11	<2	.97	.02	.06	<2	<.1	33	<.3	<.1	2.9	2
51443	.7	8.3	4.4	96.4	41	8	7	819	2.47	1.8	<5	2	57	.16	.7	<.1	48	.45	.070	12	21	.16	181	.08	4	1.28	.01	.10	<2	.1	46	<.3	<.1	3.5	2
51444	1.0	12.1	6.0	60.4	37	9	8	323	2.87	4.3	<5	3	47	.06	.6	.1	50	.50	.049	21	14	.22	108	.05	<2	1.49	.02	.08	<2	.1	71	.3	.1	3.4	<1
51445	.4	5.1	6.0	27.6	<30	3	3	144	1.47	1.5	8	3	21	.02	.2	<.1	29	.25	.020	12	13	.18	44	.09	3	.83	.01	.06	<2	<.1	46	<.3	<.1	2.4	6
51446	.4	5.4	5.2	28.4	<30	5	2	165	1.67	1.5	9	3	21	.02	.3	<.1	32	.24	.024	12	15	.20	50	.09	<2	.88	.02	.06	<2	.1	24	<.3	<.1	2.5	5
51447	.6	5.8	7.0	50.6	<30	5	3	203	1.75	2.2	6	3	24	.03	.3	<.1	34	.26	.030	16	15	.20	60	.09	<2	.98	.01	.06	<2	.1	35	<.3	<.1	3.2	8
STANDARD D/AU-S	22.7	118.7	97.5	248.5	1814	26	13	955	4.43	77.4	18	20	54	2.00	10.1	19.8	64	.70	.084	17	48	1.21	238	.13	23	2.28	.04	.71	18	2.2	477	.9	2.1	6.5	51

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51448	.5	4.3	4.9	28.4	<30	3	2	112	1.13	2.2	<5	2	16	.02	.4	.1	21	.17	.022	11	11	.14	44	.08	2	.76	.01	.05	<2	.1	82	<.3	.1	2.5	<1
51449	.5	4.2	5.2	28.8	<30	5	2	112	1.26	2.3	<5	2	19	.03	.3	<.1	22	.18	.032	11	12	.12	53	.07	<2	.82	.01	.05	<2	.1	43	<.3	<.1	2.4	1
51450	.4	5.4	4.9	30.3	<30	5	3	121	1.64	2.2	<5	3	21	.03	.4	.1	35	.20	.031	13	17	.14	57	.10	<2	.86	.01	.05	<2	.1	35	<.3	<.1	2.5	2
51451	2.4	11.8	8.1	42.9	44	12	4	393	1.88	3.9	<5	3	55	.05	.4	.2	27	.63	.026	43	20	.25	101	.04	2	1.80	.02	.16	<2	.2	92	<.3	<.1	5.7	11
51452	.8	3.8	6.0	20.4	<30	4	1	98	.82	1.9	<5	3	21	.01	.3	.1	14	.22	.012	16	8	.11	38	.05	<2	.64	.02	.10	<2	.2	40	<.3	<.1	2.3	1
51453	.6	4.7	4.9	18.1	<30	2	1	51	.66	2.1	<5	1	16	.01	.3	.1	11	.13	.012	13	6	.07	53	.03	2	.77	.01	.08	<2	.2	37	<.3	.1	2.6	<1
51454	.3	3.6	5.7	20.5	<30	2	2	45	.61	<.5	<5	2	21	.01	.3	.1	9	.14	.013	12	5	.07	71	.03	<2	.77	.02	.10	<2	.2	37	<.3	<.1	1.7	<1
51455	.5	3.8	3.8	10.7	148	2	1	39	.45	2.2	<5	2	18	<.01	.2	.1	8	.10	.005	12	4	.05	58	.04	5	.46	.03	.10	<2	.2	15	<.3	<.1	1.3	<1
51456	.6	3.6	5.1	18.2	<30	3	1	72	.52	2.6	<5	2	17	.02	.3	.1	10	.12	.006	12	4	.07	63	.04	<2	.54	.02	.11	<2	.3	5	<.3	<.1	1.5	3
RE 51456	.7	3.3	4.8	17.9	<30	1	2	66	.50	2.2	<5	2	18	<.01	.2	.1	10	.11	.005	12	4	.07	65	.04	<2	.55	.01	.10	<2	.2	17	<.3	<.1	1.5	2
51457	.5	2.4	3.8	10.3	<30	2	1	42	.45	1.9	<5	2	17	<.01	.3	.1	8	.11	.004	12	4	.05	63	.03	2	.50	.02	.11	<2	.2	13	<.3	<.1	1.3	<1
51458	.5	3.7	5.0	17.7	<30	1	1	28	.49	1.2	<5	1	14	<.01	.2	.1	6	.11	.006	10	4	.05	46	.02	2	.80	.01	.10	<2	.2	14	<.3	<.1	2.6	<1
51459	.5	3.0	3.8	14.6	<30	2	<1	36	.36	2.0	<5	2	13	.01	.2	.1	6	.09	.004	10	3	.04	45	.02	<2	.48	.02	.10	<2	.1	9	<.3	<.1	1.6	<1
STANDARD D/AU-S	22.5	123.4	82.9	256.2	1918	28	14	996	4.37	76.7	18	19	55	2.20	10.0	20.5	62	.67	.083	17	51	1.17	229	.13	23	2.19	.04	.69	20	2.3	454	1.0	2.1	6.7	52

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

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 249 File # 95-2056 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Geoff Goodall

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51667	.8	10.4	8.0	68.2	130	8	5	695	2.39	3.3	<5	2	50	.21	.6	<.1	42	.50	.084	13	14	.19	172	.07	<2	1.33	.01	.08	<2	.1	124	.3	.1	4.9	1
51668	1.1	7.8	7.1	64.5	58	6	5	425	2.58	3.3	<5	1	46	.17	.3	<.1	55	.59	.072	10	15	.17	131	.08	<2	1.17	.02	.11	<2	.1	87	<.3	<.1	4.9	1
51692	.8	4.4	5.1	63.8	49	7	4	535	1.56	1.7	<5	2	21	.05	.2	<.1	34	.23	.056	10	13	.13	132	.09	<2	1.11	.02	.06	<2	.1	55	<.3	<.1	3.1	2
51743	.7	12.8	7.9	53.0	141	8	4	529	2.02	3.0	<5	1	63	.12	.3	<.1	28	.61	.058	39	14	.21	128	.04	<2	1.66	.02	.12	<2	.1	131	<.3	<.1	4.6	<1
51744	.7	3.7	4.2	23.1	<30	2	3	135	1.41	2.4	<5	2	17	.02	.2	<.1	35	.18	.014	12	11	.10	62	.10	2	.65	.02	.06	<2	.1	52	<.3	<.1	2.0	1
51745	.2	1.6	1.8	13.6	<30	1	1	137	.44	<.5	<5	1	8	.01	<.2	<.1	10	.07	.017	5	4	.03	27	.04	<2	.28	.01	.03	<2	<.1	19	<.3	<.1	.7	<1
51746	.6	3.5	5.4	33.4	<30	5	2	208	1.08	1.6	<5	2	20	.02	<.2	<.1	24	.19	.031	15	8	.08	61	.08	<2	.73	.02	.06	<2	.1	69	<.3	<.1	2.1	<1
51747	.7	3.6	5.2	45.6	<30	4	3	467	1.16	1.1	<5	2	20	.02	.2	<.1	26	.19	.022	16	9	.11	70	.08	<2	.82	.02	.06	<2	.1	194	<.3	<.1	1.9	1
51748	.8	2.8	5.1	50.0	<30	4	3	699	1.21	1.5	<5	2	16	.04	<.2	<.1	25	.16	.040	16	8	.08	83	.07	<2	.90	.01	.06	<2	.1	87	<.3	<.1	2.2	<1
51749	.8	4.4	6.7	36.3	<30	2	2	156	1.08	3.2	<5	2	13	.03	.2	.1	22	.12	.018	15	9	.12	48	.07	<2	1.09	.02	.05	<2	.1	116	<.3	<.1	3.3	<1
51750	.9	5.3	8.8	46.2	42	2	3	349	1.35	4.0	<5	2	17	.07	.4	<.1	29	.17	.032	16	9	.13	61	.08	2	.90	.02	.09	<2	.2	91	<.3	<.1	4.4	1
51751	.8	4.5	8.3	45.7	33	4	2	161	1.21	2.5	<5	3	15	.03	.4	.1	26	.14	.034	15	9	.10	69	.07	<2	.91	.02	.06	<2	.1	102	<.3	<.1	3.8	2
51752	1.7	18.5	3.7	45.0	113	8	3	216	.99	3.4	<5	1	247	.33	1.6	<.1	16	3.60	.093	29	8	.47	73	.02	9	1.00	.04	.08	<2	.1	328	1.0	.2	2.7	2
51753	.5	3.4	4.5	57.1	30	7	2	209	1.07	1.8	<5	3	12	.03	.2	<.1	23	.13	.032	14	8	.10	68	.08	2	.94	.02	.06	<2	.1	62	<.3	<.1	2.1	<1
51754	.5	4.4	5.5	33.4	<30	3	3	169	1.13	2.0	<5	3	16	.03	.3	<.1	25	.16	.021	13	9	.10	61	.08	<2	.80	.02	.07	<2	.1	82	<.3	<.1	2.7	2
51755	.7	4.6	5.9	42.2	<30	5	3	224	1.24	2.9	<5	3	13	.03	.4	<.1	24	.12	.047	14	9	.10	70	.07	<2	1.08	.02	.06	<2	.1	83	<.3	<.1	3.8	<1
RE 51755	.7	4.1	5.5	43.0	<30	4	3	225	1.22	2.6	<5	3	13	.03	.3	<.1	25	.13	.044	13	9	.10	70	.08	<2	1.10	.02	.06	<2	.1	75	<.3	<.1	3.1	<1
51756	.4	3.6	4.9	24.9	<30	3	2	138	.89	3.0	<5	2	25	.02	.2	.1	22	.25	.018	17	9	.12	53	.10	<2	.67	.04	.06	<2	<.1	131	<.3	<.1	1.5	1
51757	.7	3.3	3.9	40.1	<30	2	3	366	1.19	2.1	<5	2	12	.02	.2	<.1	26	.13	.035	14	8	.09	46	.08	<2	.87	.02	.05	<2	.1	75	<.3	<.1	2.2	1
51758	1.0	4.9	8.9	66.4	38	5	4	169	2.19	7.4	<5	3	24	.06	.7	<.1	43	.25	.131	14	14	.14	93	.08	2	1.36	.02	.08	<2	.1	226	<.3	.2	5.2	2
51759	.7	3.4	4.9	37.7	<30	4	3	232	1.49	1.7	<5	2	15	.02	.3	.1	32	.16	.047	15	11	.09	57	.08	<2	.89	.02	.07	<2	.1	51	<.3	.1	2.7	<1
51760	.8	3.9	5.6	36.8	<30	5	3	242	1.61	3.5	<5	3	13	.02	.4	.1	35	.14	.063	14	11	.10	52	.09	<2	1.12	.02	.07	<2	.1	57	<.3	.2	3.7	<1
51761	.7	4.2	5.7	33.6	<30	7	3	267	1.43	2.9	<5	3	22	.04	.5	.1	30	.20	.064	15	11	.10	65	.09	<2	.93	.02	.09	<2	.1	99	<.3	<.1	3.4	<1
51762	.9	5.0	6.6	44.2	37	6	4	357	1.45	4.1	<5	2	23	.04	.6	.1	29	.22	.047	15	11	.12	65	.09	<2	1.10	.02	.10	<2	.2	94	<.3	<.1	3.9	<1
51763	.8	4.5	5.6	45.9	<30	5	3	179	1.47	3.8	<5	2	16	.03	.3	.1	29	.15	.055	15	11	.11	63	.09	<2	1.21	.02	.08	<2	.1	70	<.3	<.1	3.6	<1
51764	1.2	3.9	6.3	39.4	<30	6	3	183	1.27	3.2	<5	3	15	.03	.4	.1	26	.15	.030	14	9	.11	48	.09	<2	1.01	.02	.08	<2	.1	42	<.3	.1	3.7	<1
51765	.5	3.5	5.5	46.0	<30	5	2	252	1.30	1.6	<5	2	30	.04	.2	.1	29	.32	.048	15	10	.09	79	.10	<2	.89	.01	.06	<2	.1	58	<.3	<.1	2.4	1
51766	.6	4.5	7.6	27.0	<30	5	4	195	1.56	2.8	<5	3	23	.04	.3	.1	38	.24	.017	14	12	.13	69	.12	<2	.81	.02	.05	<2	.1	141	<.3	.1	3.4	<1
51767	.6	3.6	5.5	33.6	31	5	2	185	1.31	1.9	<5	2	17	.02	.2	.1	31	.18	.021	12	9	.10	61	.09	2	.86	.01	.05	<2	.1	58	<.3	.1	2.7	2
51768	.6	4.9	6.3	43.9	41	6	4	453	1.63	2.7	<5	2	19	.05	.3	.1	32	.19	.064	12	12	.15	70	.09	2	1.14	.01	.06	<2	.2	71	<.3	.1	3.9	3
51769	.8	6.9	6.4	61.4	<30	5	5	354	2.05	4.5	<5	2	28	.09	.3	.2	43	.26	.075	13	15	.16	67	.09	<2	.94	.02	.06	<2	.1	71	<.3	<.1	3.6	<1
51770	.4	4.9	7.1	35.8	45	3	3	153	1.44	3.4	<5	3	26	.04	.4	.2	30	.25	.025	16	11	.14	63	.10	<2	.91	.02	.06	<2	.2	106	<.3	.2	3.6	<1
51771	.6	3.3	3.4	26.3	38	3	2	249	1.21	2.7	<5	2	16	.02	.2	.1	27	.19	.013	15	9	.10	50	.10	<2	.68	.02	.06	<2	.1	49	<.3	.1	2.1	<1
51772	1.1	3.6	5.0	41.4	45	3	3	439	1.23	2.3	<5	2	16	.05	.2	.1	27	.19	.034	16	10	.09	61	.09	<2	.69	.02	.07	<2	.1	89	<.3	<.1	2.2	<1
STANDARD D/AU-S	22.6	121.8	85.7	257.3	1862	28	13	989	4.26	78.4	18	21	58	2.25	9.5	20.7	65	.68	.091	18	49	1.12	244	.14	25	2.32	.06	.74	20	2.1	453	1.1	2.0	6.9	50

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 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 GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP.
- SAMPLE TYPE: SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 29 1995 **DATE REPORT MAILED:** July 13/95 **SIGNED BY**..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51773	.7	2.9	5.2	50.5	47	4	3	586	1.33	1.7	<5	3	13	.04	.3	<.1	27	.15	.055	14	9	.09	71	.07	3	.74	.01	.06	<2	<.1	82	<.3	<.1	2.2	20
51774	.7	5.6	6.2	79.2	230	5	5	543	1.93	2.5	<5	3	33	.07	.3	<.1	35	.30	.109	16	13	.14	91	.05	3	.93	.03	.09	<2	<.1	95	<.3	.1	3.0	1
51775	2.8	9.7	4.8	46.2	71	11	8	6753	2.02	7.8	<5	1	113	.24	1.5	<.1	23	1.11	.090	20	11	.18	260	.02	3	.81	.03	.05	<2	.1	327	.4	.1	2.3	<1
51776	.7	4.0	5.8	44.1	<30	2	3	554	1.50	4.5	<5	2	27	.06	.4	<.1	29	.28	.058	14	10	.10	75	.06	2	.73	.01	.07	<2	<.1	116	<.3	.1	2.9	11
51777	.8	7.9	5.2	34.6	43	7	4	615	1.88	5.2	<5	1	73	.06	.9	<.1	26	.67	.060	21	11	.17	93	.03	<2	.93	.03	.05	<2	<.1	245	<.3	.1	2.9	2
51778	.8	7.0	6.7	57.7	44	6	5	601	1.81	4.3	<5	1	52	.15	.5	<.1	33	.46	.037	18	12	.17	91	.06	4	.85	.02	.09	<2	<.1	146	<.3	.2	3.2	<1
51779	.6	5.8	5.4	38.5	<30	5	3	206	1.80	6.4	<5	3	14	.05	.4	<.1	36	.15	.066	15	12	.14	64	.08	<2	.95	.01	.06	<2	<.1	135	<.3	<.1	3.4	<1
51780	.5	5.2	5.4	27.5	149	3	2	153	1.29	3.6	<5	3	23	.02	.4	<.1	26	.24	.021	14	10	.13	55	.08	3	.78	.02	.07	<2	.1	119	<.3	.1	2.8	2
51781	1.0	5.6	7.8	43.1	135	4	5	593	1.72	2.9	<5	3	24	.06	.4	<.1	35	.30	.037	20	13	.15	73	.08	2	1.10	.02	.09	<2	.2	143	<.3	.2	4.9	<1
51782	.4	4.6	6.4	40.7	<30	5	3	277	1.45	3.6	<5	2	24	.04	.4	.1	28	.35	.024	17	11	.16	40	.09	3	1.22	.02	.08	<2	<.1	91	<.3	<.1	3.7	<1
51783	1.3	8.0	6.4	59.9	188	9	5	417	2.20	7.0	<5	3	27	.05	.5	.1	44	.27	.056	18	15	.24	99	.10	4	1.46	.03	.11	<2	.2	185	<.3	.1	4.9	<1
51784	1.1	4.4	6.0	43.3	77	5	3	276	1.88	3.5	<5	3	16	.02	.4	<.1	37	.18	.066	15	12	.13	67	.08	2	1.20	.01	.09	<2	<.1	150	<.3	<.1	5.0	<1
51785	1.0	4.8	4.7	31.2	65	4	3	218	1.57	3.0	<5	2	19	.02	.3	<.1	34	.21	.034	14	12	.10	53	.09	3	.80	.02	.10	<2	.1	87	<.3	.1	2.8	1
RE 51785	1.0	3.5	5.2	30.8	70	3	3	225	1.60	2.3	<5	2	19	.03	.4	<.1	35	.22	.034	14	12	.11	53	.09	2	.82	.01	.10	<2	.1	89	<.3	<.1	3.2	<1
51786	.6	3.2	5.0	16.9	<30	3	1	105	.95	.7	<5	2	18	.01	.2	<.1	19	.26	.009	12	7	.07	26	.08	2	.55	.02	.09	<2	<.1	43	<.3	.1	2.1	1
51787	.8	6.7	6.7	64.2	<30	8	4	176	1.86	6.3	<5	3	19	.03	.5	<.1	32	.18	.084	15	12	.16	71	.09	<2	1.61	.02	.08	<2	<.1	110	<.3	<.1	5.6	<1
51788	.7	4.8	5.8	29.9	<30	4	2	155	1.35	2.9	<5	3	19	.02	.5	<.1	28	.20	.028	15	11	.11	40	.10	3	.67	.02	.09	<2	<.1	73	<.3	.1	2.8	<1
51789	.8	4.8	6.1	58.3	222	3	3	188	1.30	2.1	<5	2	13	.01	.3	<.1	24	.14	.076	14	8	.07	62	.07	2	.89	.02	.09	<2	.4	48	<.3	<.1	3.5	<1
51790	.6	4.2	5.7	63.8	66	5	3	193	1.53	5.1	<5	3	15	.02	.3	<.1	28	.15	.052	14	10	.10	53	.07	2	1.05	.01	.08	<2	.2	77	<.3	<.1	3.1	<1
51806	1.0	7.3	8.0	83.2	44	8	6	602	2.59	23.0	<5	1	25	.12	10.3	<.1	47	.30	.036	9	15	.16	123	.09	<2	.86	.01	.06	<2	3.6	1697	<.3	.2	4.8	42
51807	1.0	9.4	7.2	171.0	257	10	7	1266	2.21	6.9	<5	1	37	.29	4.5	<.1	39	.34	.145	10	15	.16	216	.08	3	1.11	.02	.08	<2	.2	141	<.3	.1	4.7	<1
51808	.7	5.9	5.2	56.3	54	5	4	538	2.07	7.9	<5	1	23	.08	5.2	.1	46	.24	.047	10	15	.17	102	.11	3	.94	.01	.05	<2	.1	273	<.3	.2	4.3	1
51809	.7	5.8	4.7	63.7	<30	11	5	341	2.22	16.1	<5	2	30	.07	4.1	<.1	46	.25	.033	11	16	.17	117	.09	2	1.08	.01	.06	<2	.2	124	<.3	<.1	3.7	<1
51810	.6	5.6	4.7	70.1	<30	7	6	504	1.87	3.8	<5	2	28	.07	.7	<.1	37	.28	.079	11	14	.16	124	.08	2	1.08	.01	.07	<2	<.1	84	<.3	.1	3.6	<1
51811	.6	5.2	5.7	50.7	30	8	5	420	1.68	2.5	<5	2	30	.07	.4	.1	35	.37	.061	10	12	.15	80	.09	3	.95	.01	.13	<2	<.1	53	<.3	.1	4.0	1
51812	.8	8.0	6.8	74.3	72	7	4	512	1.83	3.4	<5	2	54	.10	.4	.1	38	.66	.073	11	16	.18	129	.09	3	1.14	.01	.15	<2	<.1	88	<.3	.1	5.0	8
51813	.5	7.5	6.6	57.5	<30	8	4	470	1.75	1.6	<5	2	35	.07	.3	<.1	35	.35	.054	15	14	.18	115	.09	2	1.23	.01	.09	<2	<.1	60	<.3	<.1	4.2	<1
51814	.5	5.8	5.1	53.1	31	7	4	609	1.44	2.3	<5	1	38	.05	.4	.1	28	.41	.038	14	12	.17	99	.08	<2	1.16	.01	.08	<2	<.1	81	<.3	<.1	3.9	2
51815	.4	5.2	5.1	32.8	<30	3	3	159	1.40	2.9	<5	2	19	.02	.6	<.1	33	.21	.021	11	11	.15	56	.11	<2	.89	.01	.05	<2	<.1	52	<.3	.1	3.5	3
51816	.5	8.1	6.2	41.3	38	6	4	331	1.55	1.8	<5	2	39	.03	.4	<.1	31	.36	.032	15	12	.20	96	.10	3	1.48	.02	.06	<2	<.1	83	<.3	.1	4.8	<1
51817	.4	5.6	6.4	33.8	<30	3	3	155	1.24	1.9	<5	2	27	.02	.3	<.1	28	.29	.021	13	10	.17	66	.11	<2	.94	.02	.05	<2	<.1	47	<.3	<.1	4.0	<1
51818	.4	6.2	5.6	35.6	<30	5	4	197	1.61	2.6	<5	2	30	.02	.2	<.1	35	.31	.032	13	13	.18	85	.12	2	1.02	.02	.06	<2	<.1	60	<.3	<.1	3.3	<1
51819	.6	5.1	5.2	43.3	<30	5	4	202	1.79	2.3	<5	1	20	.04	.3	<.1	41	.22	.047	10	14	.12	90	.11	5	1.01	.01	.05	<2	<.1	49	<.3	<.1	3.9	<1
51820	.6	6.1	4.8	40.7	115	8	5	235	2.20	3.5	<5	2	22	.03	1.4	<.1	48	.23	.054	11	16	.16	112	.11	16	1.14	.02	.06	<2	.1	59	<.3	.1	3.8	1
51821	.9	4.7	5.2	24.8	<30	2	3	185	1.81	1.5	<5	2	20	.03	<.2	<.1	40	.20	.028	10	12	.11	62	.10	2	.94	.01	.04	<2	<.1	57	<.3	<.1	3.8	<1
STANDARD	21.1	112.1	89.3	255.2	1868	28	13	975	4.19	72.7	18	19	56	2.06	9.3	20.1	63	.68	.090	18	47	1.10	223	.15	26	2.24	.05	.72	19	2.1	460	1.1	2.3	7.1	51

Standard is STANDARD D/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51822	.2	3.0	5.2	28.2	<30	3	2	143	1.26	1.7	<5	4	22	.01	.2	<.1	29	.24	.015	12	9	.15	45	.11	<2	.70	.01	.03	<2	.1	27	<.3	<.1	2.0	1
51823	.6	4.4	4.2	38.3	<30	5	3	136	1.49	5.0	<5	3	15	.02	.5	<.1	29	.15	.025	13	11	.12	41	.08	<2	.72	.01	.07	<2	.2	61	<.3	<.1	2.4	<1
51824	.5	4.3	4.5	36.6	<30	5	3	155	1.56	4.7	<5	3	13	.02	.3	<.1	32	.13	.035	15	12	.11	37	.08	<2	.82	.01	.07	<2	.1	57	<.3	<.1	2.4	<1
51825	.5	4.4	4.8	51.7	<30	8	4	239	1.70	6.5	<5	3	13	.03	.4	.1	32	.13	.051	13	13	.16	54	.08	<2	1.22	.01	.07	<2	.1	55	<.3	<.1	3.4	1
51826	.5	4.1	4.1	36.2	<30	7	2	155	1.48	2.8	<5	3	12	.01	.3	<.1	29	.12	.035	14	12	.13	45	.09	<2	.88	.01	.08	<2	.1	52	<.3	.1	2.5	2
51827	.5	3.9	3.9	29.4	<30	5	3	131	1.48	4.4	<5	3	13	.01	.4	.1	31	.13	.034	12	11	.11	39	.08	<2	.78	.01	.08	<2	.1	65	<.3	<.1	2.7	<1
51828	.3	3.2	3.7	32.2	<30	3	3	154	1.69	2.3	<5	2	15	.01	.3	<.1	38	.14	.017	13	13	.12	41	.09	<2	.81	.01	.05	<2	.1	71	<.3	<.1	1.7	<1
51829	.3	3.0	3.7	25.8	<30	4	2	157	1.48	1.8	<5	3	21	.01	.2	<.1	33	.19	.013	14	12	.10	45	.09	<2	.68	.03	.05	<2	.1	99	<.3	<.1	1.3	1
51830	.4	3.1	5.4	105.7	<30	5	3	214	1.65	1.1	<5	3	12	.03	.2	.1	32	.14	.099	15	12	.10	58	.07	<2	1.26	.01	.06	<2	.1	68	<.3	<.1	2.7	<1
51831	.9	3.8	6.3	160.1	<30	7	5	1563	1.86	2.5	<5	3	16	.08	.3	.1	36	.16	.083	18	13	.17	137	.06	2	1.35	.01	.10	<2	.1	96	<.3	<.1	4.0	1
51832	.5	5.4	4.9	47.7	<30	7	4	187	1.85	8.2	<5	4	20	.03	.3	<.1	38	.16	.045	18	12	.16	46	.07	<2	1.05	.01	.07	<2	.1	139	<.3	<.1	2.9	2
51833	.5	5.1	4.5	38.3	<30	4	4	195	1.67	3.6	<5	4	16	.02	.3	<.1	35	.16	.042	15	13	.16	70	.10	<2	1.16	.02	.06	<2	.2	83	<.3	<.1	3.0	1
51834	.4	4.0	4.2	47.8	<30	5	3	326	1.55	2.7	<5	3	13	.02	.3	<.1	33	.14	.045	14	12	.11	66	.08	<2	.93	.01	.05	<2	.1	80	<.3	.1	2.4	1
51835	.5	4.1	5.2	41.2	<30	4	3	207	1.52	3.6	<5	3	24	.01	.3	.1	33	.24	.025	18	12	.16	64	.08	<2	.74	.02	.05	<2	.1	95	<.3	<.1	1.9	1
51836	.3	2.6	5.5	47.4	<30	3	2	263	1.01	.8	<5	3	12	.01	<.2	.1	22	.12	.020	14	7	.08	70	.06	<2	.69	.01	.04	<2	.1	55	<.3	<.1	1.7	1
51837	.4	3.5	6.5	33.0	<30	5	2	134	1.04	1.7	<5	2	22	.02	<.2	.1	23	.22	.016	16	8	.11	53	.07	<2	.62	.01	.04	<2	.1	68	<.3	<.1	2.0	1
51838	.4	3.1	5.5	75.9	<30	4	3	638	1.39	2.0	<5	3	16	.03	.2	<.1	29	.18	.062	15	9	.11	84	.06	<2	.96	.01	.06	<2	.1	110	<.3	<.1	2.3	1
51839	.5	3.7	5.3	51.0	<30	5	3	221	1.33	2.7	<5	3	16	.02	.2	.1	28	.17	.035	16	10	.10	72	.07	2	.90	.01	.06	<2	.1	84	<.3	<.1	2.7	1
51840	.3	2.8	4.8	66.2	<30	5	3	423	1.24	1.1	<5	3	18	.01	.2	.1	26	.18	.051	14	9	.10	76	.06	<2	.88	.01	.05	<2	.1	55	<.3	<.1	1.9	1
51841	.5	3.7	6.9	39.3	<30	3	2	223	1.43	1.6	<5	3	19	.02	.2	.1	31	.23	.023	17	10	.15	57	.11	<2	.78	.01	.04	<2	.2	32	<.3	<.1	3.2	1
RE 51841	.5	3.5	6.6	38.0	<30	3	2	216	1.39	1.7	<5	3	19	.02	.2	.1	30	.22	.022	17	8	.15	53	.11	<2	.75	.01	.05	<2	.2	34	<.3	<.1	2.9	1
51842	.3	9.4	7.0	44.3	105	5	4	201	2.38	3.1	<5	4	72	.05	.3	.3	34	.90	.039	21	17	.45	82	.08	<2	1.32	.03	.08	<2	.2	90	<.3	.1	4.2	1
51843	.4	4.2	4.9	51.7	<30	6	3	439	1.49	1.6	<5	1	36	.04	<.2	.1	32	.41	.049	12	12	.15	107	.08	<2	.78	.01	.07	<2	.1	70	<.3	<.1	2.0	1
51844	.4	4.1	5.8	45.0	<30	4	3	430	1.57	2.1	<5	2	30	.03	.2	.1	36	.29	.029	12	12	.17	92	.09	<2	.77	.01	.07	<2	.1	67	<.3	<.1	2.7	1
51845	.6	4.6	7.3	43.3	60	2	4	466	1.46	2.1	<5	2	25	.04	.3	.1	30	.22	.041	15	10	.11	87	.07	<2	.83	.01	.06	<2	.1	72	<.3	.2	3.7	7
51846	.6	6.6	6.1	45.3	34	6	3	808	1.92	4.8	<5	2	61	.05	.3	.1	33	.57	.036	37	14	.23	128	.06	2	1.40	.02	.08	<2	.1	137	<.3	<.1	3.8	1
51847	.3	3.7	6.1	76.5	<30	4	2	173	1.54	1.7	<5	3	20	.03	.2	.1	33	.21	.039	14	11	.14	65	.09	<2	.86	.01	.05	<2	.1	66	<.3	<.1	3.0	31
51848	.8	4.9	5.3	93.4	<30	<1	8	1713	3.93	6.8	<5	2	84	.19	2.2	.1	32	1.01	.152	21	3	.15	240	<.01	3	.90	.02	.22	<2	.1	708	<.3	<.1	2.1	1
51849	.6	5.3	5.2	60.6	31	6	4	440	1.73	3.4	<5	2	52	.09	.4	.1	34	.52	.054	15	12	.15	126	.07	<2	.77	.01	.17	<2	.1	91	<.3	.2	2.7	1
51875	.4	6.8	4.9	82.8	<30	9	5	575	2.15	5.5	<5	3	34	.06	.7	.1	47	.32	.021	10	15	.18	111	.09	<2	.80	.01	.07	<2	.1	77	<.3	<.1	2.5	1
51876	.6	6.7	5.2	61.3	45	9	5	317	2.20	7.9	<5	2	29	.05	.4	.2	48	.28	.024	12	17	.19	81	.09	<2	.94	.02	.06	<2	.2	66	<.3	.1	3.7	2
51877	.5	5.2	4.3	103.2	56	9	7	615	1.98	2.7	<5	2	22	.05	.3	.1	41	.23	.049	10	15	.16	108	.08	<2	1.00	.01	.10	<2	.1	55	<.3	.1	3.2	<1
51878	1.2	9.0	8.5	203.0	145	2	6	1481	4.10	13.4	<5	1	49	.45	16.4	.2	25	.52	.135	20	7	.10	293	.01	4	.73	.01	.14	<2	.2	609	<.3	.1	3.5	1
51879	.3	5.4	4.7	85.1	<30	9	5	538	2.39	4.3	<5	2	36	.07	.9	.1	44	.39	.105	14	16	.18	218	.07	4	.99	.01	.14	<2	.1	69	<.3	.1	2.7	1
STANDARD D/AU-S	22.6	140.5	88.3	297.4	1916	28	15	932	4.30	72.0	18	21	55	2.22	10.6	23.1	65	.68	.093	18	49	1.17	239	.13	22	2.20	.05	.71	19	2.1	483	1.0	2.4	6.1	52

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51880	.5	4.7	5.1	54.0	<30	6	3	354	1.69	2.0	<5	2	27	.05	.2	.2	36	.28	.048	10	13	.14	115	.09	2	.87	.01	.06	<2	<.1	49	<.3	<.1	3.1	<1
51881	.5	4.4	4.5	47.5	30	5	4	266	1.67	2.0	<5	2	25	.05	<.2	.1	36	.25	.053	10	13	.13	113	.09	<2	.91	.01	.06	<2	.1	48	<.3	<.1	2.9	2
51882	.7	7.5	6.1	58.7	37	7	4	377	1.78	2.0	<5	2	33	.08	<.2	.1	34	.36	.055	18	13	.15	115	.08	2	1.11	.01	.09	<2	.1	69	<.3	<.1	3.5	1
51883	.4	4.6	5.2	35.1	<30	6	2	138	1.31	.5	<5	2	23	.02	<.2	.1	27	.26	.021	11	10	.15	67	.09	<2	.78	.01	.05	<2	<.1	38	<.3	<.1	1.5	<1
51884	.4	4.9	5.5	33.9	<30	5	3	134	1.32	.7	<5	2	23	.03	<.2	.1	29	.29	.020	10	9	.13	65	.08	2	.74	.01	.06	<2	.1	42	<.3	<.1	2.3	<1
51885	.5	4.7	6.5	31.5	<30	3	2	127	1.49	.6	<5	2	17	.02	.2	.1	33	.20	.021	10	11	.12	61	.09	<2	.83	.01	.04	<2	.1	48	<.3	<.1	3.3	<1
51886	.6	4.4	6.5	32.1	<30	5	3	121	1.74	1.0	<5	3	18	.02	<.2	.1	37	.18	.045	11	12	.13	78	.08	<2	.88	.01	.04	<2	.1	49	<.3	<.1	2.5	<1
51887	.5	5.3	5.1	63.5	223	8	4	377	1.85	2.0	<5	2	22	.04	.2	.1	39	.22	.051	11	14	.13	127	.10	56	1.09	.02	.06	<2	.1	26	<.3	<.1	3.2	1
51888	.5	4.8	5.3	33.1	<30	5	3	217	1.88	2.1	<5	2	21	.03	.3	.1	41	.21	.036	10	14	.14	99	.10	<2	.89	.01	.05	<2	.1	40	<.3	.1	2.9	<1
51889	.6	5.2	5.8	37.4	<30	5	4	345	1.82	2.0	<5	2	21	.03	.2	.1	40	.21	.060	11	14	.13	93	.10	2	.82	.01	.06	<2	.1	45	<.3	<.1	2.7	<1
RE 51889	.7	5.6	6.1	38.9	<30	8	4	352	1.83	2.2	<5	3	21	.03	.2	.1	40	.22	.062	11	14	.13	94	.10	2	.82	.01	.06	<2	.1	49	<.3	<.1	3.1	1
51890	.6	4.0	5.1	30.4	<30	5	3	210	1.92	2.8	<5	2	25	.04	.2	.1	45	.25	.023	9	13	.12	73	.10	2	.83	.01	.06	<2	.1	52	<.3	.1	3.1	2
51891	1.8	4.3	7.6	87.6	34	2	4	437	3.37	5.3	<5	2	25	.11	2.7	.1	24	.31	.072	15	5	.08	166	.01	2	1.18	.01	.07	<2	.2	361	<.3	.1	4.1	<1
51892	.6	2.9	6.3	39.6	<30	4	2	561	1.35	1.4	<5	2	19	.03	<.2	<.1	30	.20	.044	10	10	.09	93	.08	<2	.75	.01	.04	<2	.1	51	<.3	<.1	1.8	1
51893	.7	4.8	6.1	67.6	46	6	4	309	2.17	2.2	<5	2	19	.07	.3	.1	43	.19	.098	10	14	.15	94	.08	<2	1.21	.01	.06	<2	.1	84	<.3	<.1	4.2	1
51894	.6	7.1	7.6	40.5	741	5	2	337	1.23	1.2	<5	2	20	.03	<.2	.1	25	.20	.019	17	9	.13	72	.07	32	.82	.02	.06	<2	.1	79	<.3	<.1	2.4	2
51895	.6	4.0	6.8	23.7	<30	4	2	165	1.00	1.1	<5	2	19	.02	<.2	.1	21	.19	.012	16	7	.12	55	.07	<2	.66	.01	.06	<2	.1	107	<.3	<.1	2.1	2
51896	.6	4.0	8.1	26.1	<30	3	2	218	1.08	1.6	<5	2	20	.02	.2	<.1	23	.17	.011	16	8	.14	63	.08	<2	.70	.02	.06	<2	.1	111	<.3	<.1	2.5	1
51897	.8	4.3	7.8	46.7	<30	4	2	464	1.10	1.8	<5	2	24	.04	<.2	.1	22	.23	.019	20	8	.12	80	.06	7	.78	.01	.06	<2	.1	112	<.3	<.1	2.9	2
51898	.9	3.3	7.4	37.4	<30	3	2	271	1.08	1.8	<5	2	16	.01	<.2	.1	24	.16	.014	14	8	.11	76	.07	2	.80	.01	.05	<2	.1	93	<.3	<.1	1.8	13
51899	.8	4.0	7.7	34.8	<30	3	2	201	1.24	2.5	<5	3	15	.02	<.2	.1	27	.15	.015	15	9	.12	61	.07	<2	.81	.01	.06	<2	.1	89	<.3	<.1	3.0	1
51900	.7	3.6	6.6	72.2	<30	7	3	171	1.31	2.1	<5	3	11	.02	<.2	.1	25	.10	.038	14	8	.11	71	.06	2	1.12	.01	.05	<2	<.1	87	<.3	<.1	2.2	1
51901	.6	4.0	6.6	90.1	<30	6	3	195	1.32	2.2	<5	3	12	.03	.2	<.1	23	.14	.059	14	9	.13	71	.06	<2	1.11	.01	.06	<2	.1	114	<.3	<.1	2.9	1
51902	.8	4.4	7.0	45.6	34	4	2	162	1.44	2.3	<5	3	13	.02	.2	<.1	28	.13	.039	15	10	.10	61	.07	16	.88	.01	.06	<2	.1	146	<.3	.1	3.2	2
51903	.6	4.6	6.2	24.5	<30	5	2	129	1.13	2.4	<5	2	19	.02	.2	.1	24	.19	.015	16	8	.12	45	.08	<2	.63	.02	.05	<2	<.1	125	<.3	<.1	2.1	1
51904	.8	4.0	6.7	46.4	<30	6	3	123	1.35	2.3	<5	3	14	.02	.3	.1	26	.13	.028	13	8	.12	76	.08	2	1.10	.01	.05	<2	.1	98	<.3	.1	3.6	1
51905	.6	5.1	7.5	45.3	<30	6	2	185	1.54	1.9	<5	3	15	.05	.4	.1	28	.14	.048	14	11	.13	57	.08	<2	1.20	.01	.06	<2	.1	101	<.3	.1	3.9	1
51906	.6	4.3	6.5	48.4	<30	3	3	233	1.19	1.8	<5	2	17	.01	.3	.1	24	.17	.030	15	9	.12	48	.07	2	.70	.02	.06	<2	.1	81	<.3	<.1	2.8	<1
51907	.7	5.0	8.4	51.0	<30	4	3	145	1.28	2.3	<5	2	16	.03	.3	<.1	26	.16	.017	15	9	.13	69	.08	<2	.87	.01	.05	<2	.1	108	<.3	.1	4.2	1
51908	.7	4.7	7.3	27.7	54	4	2	174	1.15	2.1	<5	3	15	.02	.5	<.1	25	.15	.011	16	8	.11	40	.09	3	.58	.02	.06	<2	.1	54	<.3	.2	3.3	1
51909	.4	4.5	6.0	22.3	<30	5	2	106	.98	1.5	<5	2	15	.01	.2	.1	20	.16	.014	14	8	.13	38	.09	<2	.67	.02	.05	<2	<.1	75	<.3	<.1	2.7	1
51910	.6	4.7	7.3	27.1	<30	4	2	150	1.12	1.6	<5	3	21	.01	.3	<.1	22	.20	.014	17	9	.13	42	.09	<2	.83	.03	.11	<2	.1	74	<.3	.2	3.6	<1
51911	.7	4.9	6.4	24.2	<30	5	2	154	1.34	3.5	<5	3	20	.02	.3	<.1	28	.19	.023	15	11	.12	40	.11	3	.77	.02	.09	<2	.1	92	<.3	.1	3.1	2
51912	.8	4.8	7.0	51.3	<30	8	3	238	1.62	2.8	<5	3	13	.03	.4	<.1	30	.15	.056	14	11	.12	55	.09	<2	1.14	.02	.08	<2	.1	96	<.3	.1	4.8	<1
STANDARD D/AU-S	21.2	118.0	88.4	272.9	1894	28	14	935	4.50	77.3	20	20	55	2.06	9.5	21.9	66	.70	.097	18	51	1.19	243	.14	25	2.35	.05	.75	18	2.1	460	.9	2.2	6.8	53

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51913	.7	4.3	5.4	43.2	<30	7	3	146	1.59	4.0	<5	3	17	.03	.3	.1	32	.16	.046	14	11	.13	48	.08	<2	1.03	.02	.09	<2	<.1	95	<.3	.1	3.0	3
51914	1.0	12.2	8.9	71.7	90	12	6	360	2.64	8.9	<5	3	56	.11	.7	<.1	42	.48	.055	29	14	.29	122	.05	<2	1.50	.02	.09	<2	.1	152	<.3	.2	4.4	3
51915	.6	4.5	6.2	40.2	<30	6	3	142	1.44	3.3	<5	3	20	.02	.5	<.1	31	.18	.035	14	10	.10	83	.06	<2	.69	.01	.05	<2	<.1	95	<.3	<.1	1.8	2
51916	.6	3.9	5.2	40.6	<30	4	4	206	1.52	2.2	<5	3	16	.04	.7	<.1	31	.13	.030	14	11	.10	81	.07	2	.73	.01	.05	<2	.1	79	<.3	.1	2.1	2
51917	.6	3.4	5.4	51.9	<30	6	3	233	1.36	2.2	<5	3	19	.02	.8	<.1	25	.14	.056	14	8	.11	96	.05	2	.72	.01	.06	<2	<.1	186	<.3	.1	2.1	<1
51918	.8	3.1	5.5	42.3	<30	5	4	314	1.35	3.2	<5	3	18	.02	.8	<.1	27	.17	.038	14	9	.09	88	.06	3	.69	.01	.06	<2	<.1	72	<.3	<.1	1.6	<1
51919	.8	3.2	6.8	38.9	<30	5	3	489	1.25	2.2	<5	2	23	.04	5.6	.1	26	.19	.021	14	8	.11	70	.06	2	.59	.01	.06	<2	.1	134	<.3	.1	2.3	2
51920	1.7	5.2	7.7	55.5	<30	8	4	294	1.59	6.5	<5	2	31	.03	1.9	.1	28	.17	.028	12	8	.13	81	.04	<2	.75	.01	.05	<2	.1	92	<.3	.1	2.8	1
51921	.9	4.3	6.9	41.0	47	3	2	193	1.19	3.1	<5	2	38	.03	1.2	<.1	20	.23	.026	15	6	.11	129	.03	<2	.61	.01	.07	<2	.1	65	<.3	.1	2.4	2
51922	.8	3.9	6.3	52.8	<30	3	3	137	1.14	5.6	<5	2	37	.02	.7	.1	21	.20	.029	12	5	.09	118	.02	<2	.56	.01	.08	<2	<.1	63	<.3	.1	1.7	2
51923	.4	3.4	6.7	47.5	<30	3	3	191	1.15	2.9	<5	3	26	.05	.6	<.1	25	.22	.029	13	8	.12	85	.06	<2	.59	.01	.06	<2	.1	83	.3	<.1	2.5	2
51924	.7	4.3	5.6	22.3	<30	8	3	219	1.67	5.5	<5	3	26	.02	.5	<.1	36	.28	.029	21	13	.15	53	.07	<2	.73	.03	.08	<2	.1	164	<.3	<.1	1.9	2
51925	.6	2.7	5.0	20.3	<30	5	3	117	1.47	4.8	<5	3	24	.01	1.2	<.1	30	.24	.021	15	11	.14	46	.08	2	.65	.03	.09	<2	<.1	70	<.3	.1	1.4	2
51926	.5	3.0	5.7	20.5	<30	4	3	162	1.24	2.6	<5	3	20	.01	.5	<.1	25	.23	.016	15	11	.15	44	.09	<2	.67	.02	.06	<2	<.1	113	<.3	<.1	1.7	2
RE 51926	.5	3.0	5.5	19.6	<30	3	2	156	1.19	3.0	<5	3	20	.01	.5	<.1	24	.22	.015	14	10	.14	44	.08	<2	.66	.02	.06	<2	<.1	135	<.3	<.1	1.4	3
51927	.6	2.6	5.3	39.9	<30	5	3	202	1.29	1.4	<5	3	13	.02	.3	<.1	28	.15	.030	14	10	.09	53	.08	<2	.70	.01	.07	<2	<.1	35	<.3	.1	1.8	<1
51928	.8	3.4	6.5	48.4	<30	6	3	138	1.41	4.4	<5	4	13	.02	.4	.1	27	.12	.046	15	9	.10	62	.06	<2	1.05	.01	.06	<2	.1	53	<.3	.1	3.0	<1
51929	.5	4.3	5.6	36.3	<30	5	2	107	1.43	5.4	<5	3	14	.02	.3	.1	28	.12	.044	16	9	.10	49	.05	<2	.96	.02	.05	<2	<.1	83	<.3	<.1	1.9	<1
51930	.8	4.9	8.2	27.2	<30	5	3	102	1.86	6.2	<5	3	36	.02	.3	.1	30	.26	.020	15	11	.14	83	.04	<2	1.08	.02	.07	<2	.1	88	<.3	<.1	2.6	1
51931	.6	3.7	5.8	49.1	<30	5	4	167	1.47	1.9	<5	3	15	.02	.4	<.1	30	.14	.036	15	11	.11	53	.09	3	1.18	.02	.05	<2	.1	42	<.3	.1	3.6	2
51932	.6	3.6	6.5	24.7	<30	5	3	189	1.25	2.7	<5	3	22	.01	.3	.1	29	.19	.013	16	10	.12	42	.10	<2	.80	.01	.07	<2	<.1	65	<.3	<.1	2.3	1
51933	.5	3.4	5.6	22.5	<30	6	2	199	1.25	2.1	<5	3	21	.01	.3	.1	28	.18	.018	16	10	.12	48	.09	14	.72	.02	.07	<2	.1	68	<.3	<.1	1.7	2
51934	.4	3.5	5.9	20.5	31	4	2	140	1.08	2.6	<5	2	21	.01	.3	.1	24	.19	.012	17	9	.11	38	.09	26	.74	.03	.06	<2	.1	80	<.3	.1	2.2	2
51935	.5	4.7	6.1	34.5	<30	5	3	190	1.67	4.1	<5	4	17	.02	.3	<.1	36	.16	.079	15	12	.11	57	.06	2	.92	.01	.07	<2	.1	46	<.3	.1	3.5	2
51936	.7	3.5	5.3	26.6	<30	5	3	144	1.32	2.3	<5	3	15	.01	.3	<.1	31	.13	.030	13	10	.09	40	.08	28	.69	.02	.06	<2	.1	92	<.3	<.1	2.2	2
51937	.7	7.3	10.5	36.4	<30	7	4	155	1.03	2.4	<5	2	67	.06	.4	.1	22	.76	.024	24	12	.24	60	.06	<2	1.27	.04	.07	<2	<.1	109	.4	.1	4.4	4
51938	.5	3.5	5.4	20.9	<30	4	2	97	.91	1.8	<5	3	17	.01	.2	<.1	21	.15	.014	15	8	.10	45	.08	8	.69	.02	.04	<2	.1	57	<.3	.1	2.4	1
51939	.4	4.0	6.0	19.1	<30	4	2	146	1.02	2.2	<5	3	33	.03	.3	.1	20	.32	.009	17	9	.14	45	.06	<2	.76	.04	.04	<2	.1	103	<.3	.1	2.7	<1
51940	.7	4.3	6.0	50.9	<30	6	3	147	1.34	2.5	<5	3	31	.06	.3	.1	30	.38	.022	15	10	.13	55	.08	2	.66	.02	.05	<2	<.1	69	<.3	.1	1.9	<1
51941	.6	3.9	5.4	37.2	<30	4	2	207	1.28	2.2	<5	3	18	.02	.2	<.1	28	.17	.043	14	10	.10	58	.08	<2	.78	.02	.06	<2	.1	59	.3	.1	2.6	1
51942	.6	4.1	7.4	31.6	<30	6	3	149	1.39	3.3	<5	3	19	.02	.3	.1	33	.18	.020	16	11	.15	49	.08	<2	.71	.01	.05	<2	.1	63	<.3	.1	2.8	<1
51943	.6	2.9	6.2	31.3	<30	4	2	152	1.11	2.4	<5	3	15	.01	.2	.1	25	.13	.011	14	8	.11	55	.07	<2	.79	.02	.05	<2	.1	61	<.3	.1	2.0	<1
51944	.5	2.9	5.5	25.7	<30	5	3	135	1.19	2.6	<5	3	14	.01	.2	<.1	27	.14	.026	14	9	.08	49	.07	<2	.65	.01	.07	<2	<.1	42	<.3	<.1	1.3	1
51945	.5	4.4	6.6	33.2	42	4	3	165	1.24	2.9	<5	3	19	.05	.3	.1	27	.19	.039	15	9	.11	43	.06	<2	.61	.01	.08	<2	<.1	85	<.3	<.1	2.4	<1
STANDARD D/AU-S	21.6	114.9	86.6	257.8	1946	30	15	912	4.28	70.0	18	21	57	2.05	9.7	23.1	66	.66	.096	19	49	1.14	242	.14	28	2.30	.05	.74	20	2.1	455	1.0	2.1	6.6	49

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51946	.5	2.4	5.7	48.4	<30	4	2	336	1.16	2.9	<5	2	11	.01	<.2	<.1	23	.11	.058	13	8	.07	60	.06	2	.93	.01	.05	<2	<.1	47	<.3	<.1	2.3	26
51947	.4	2.5	5.9	70.4	<30	4	2	335	1.02	1.6	<5	2	14	.02	<.2	.1	21	.15	.047	13	7	.08	72	.05	<2	.69	.01	.06	<2	.1	62	<.3	<.1	1.8	<1
51948	.3	3.5	5.2	38.0	<30	4	3	139	1.29	3.2	<5	3	15	.02	<.2	<.1	27	.16	.041	11	9	.11	62	.07	<2	.68	.01	.05	<2	<.1	55	<.3	.1	2.0	<1
51949	.5	3.8	6.2	53.3	37	2	3	194	1.42	2.5	<5	2	14	.03	.2	<.1	29	.16	.061	13	10	.12	74	.06	<2	.75	.01	.06	<2	<.1	67	<.3	.1	3.5	<1
51950	.5	3.1	6.1	43.5	<30	3	2	248	1.35	2.6	<5	2	19	.03	.2	<.1	28	.18	.067	12	10	.09	75	.07	<2	.70	.01	.05	<2	.1	52	<.3	.1	3.5	<1
51951	.6	3.6	6.3	29.2	<30	5	3	133	1.52	4.0	<5	3	18	.02	.2	.1	30	.15	.057	13	9	.10	72	.04	<2	.66	.01	.07	<2	<.1	104	<.3	<.1	2.7	<1
51952	.4	4.0	6.2	29.7	<30	6	4	125	1.76	5.0	<5	2	18	.02	1.2	<.1	35	.18	.061	9	14	.12	54	.07	<2	.99	.01	.06	<2	.1	27	<.3	.1	4.3	3
51953	.3	4.7	3.8	61.5	<30	8	4	189	1.57	2.0	<5	2	24	.02	.5	.1	34	.24	.046	9	19	.12	64	.08	8	.92	.01	.10	<2	.2	29	<.3	<.1	3.1	<1
51954	.6	5.4	4.9	53.4	<30	7	5	164	1.68	2.0	<5	2	22	.02	.4	<.1	36	.23	.042	9	16	.14	79	.08	<2	1.09	.01	.05	<2	<.1	35	<.3	.2	4.0	<1
51955	.4	6.1	4.6	69.3	<30	11	5	219	1.71	2.3	<5	2	23	.03	.4	.1	37	.22	.045	9	20	.13	91	.08	2	1.26	.01	.04	<2	<.1	25	<.3	<.1	5.1	<1
51956	.3	7.1	4.4	69.1	<30	8	5	162	1.69	1.3	<5	2	32	.02	.3	<.1	35	.30	.026	9	23	.15	89	.08	<2	1.33	.02	.04	<2	.1	21	<.3	.1	4.6	<1
51957	.6	8.1	5.5	80.8	<30	12	6	340	2.43	4.8	<5	2	29	.04	.3	.1	50	.29	.108	9	25	.21	106	.08	<2	1.50	.01	.09	<2	<.1	46	<.3	.1	4.5	<1
51958	.4	4.0	5.2	56.7	<30	9	5	148	1.58	1.8	<5	2	16	.02	.3	<.1	34	.18	.063	9	14	.14	81	.09	<2	1.08	.01	.04	<2	<.1	30	<.3	.1	4.1	<1
51959	.3	4.2	5.8	45.3	<30	5	4	224	1.80	3.0	<5	2	58	.02	<.2	.1	30	.48	.017	11	14	.22	116	.08	<2	1.36	.02	.07	<2	<.1	77	<.3	.1	2.1	<1
RE 51959	.3	4.6	6.5	44.9	<30	5	4	226	1.81	3.2	<5	2	59	.04	.2	.1	31	.49	.016	11	14	.23	116	.08	<2	1.40	.02	.07	<2	.1	75	<.3	.1	5.4	1
51960	.4	4.8	6.4	49.4	<30	6	4	186	1.61	3.1	<5	2	18	.04	.2	.1	35	.19	.054	11	12	.14	79	.10	2	1.07	.02	.05	<2	.1	31	<.3	.1	4.1	1
51961	.6	4.8	12.2	26.1	<30	4	2	176	1.25	2.3	<5	4	23	.04	.4	.2	28	.28	.016	20	11	.15	39	.14	<2	.72	.02	.06	<2	.1	70	<.3	<.1	3.9	3
51962	.7	3.2	8.0	32.7	<30	2	1	233	.96	1.2	<5	3	14	.03	.2	.1	20	.18	.015	19	6	.06	34	.09	<2	.49	.01	.04	<2	<.1	23	<.3	.1	2.5	1
51963	.5	4.6	7.5	33.2	<30	3	2	154	1.19	2.7	<5	3	19	.02	.4	.1	27	.18	.022	14	10	.11	53	.10	<2	.77	.01	.05	<2	.1	69	<.3	.2	4.1	<1
51964	.5	4.9	7.3	25.8	<30	3	3	184	1.47	3.9	<5	3	41	.03	.3	.1	29	.41	.012	16	10	.20	100	.08	<2	.83	.02	.08	<2	.1	90	<.3	.1	3.2	<1
51965	1.3	5.3	6.7	29.9	<30	2	2	110	1.34	7.5	<5	3	28	.03	.2	.1	23	.23	.015	12	6	.09	93	.02	<2	.75	.01	.11	<2	.1	141	<.3	<.1	3.1	<1
51966	.6	4.6	7.8	40.7	<30	2	3	229	1.45	5.4	<5	3	37	.02	<.2	.1	18	.40	.015	14	8	.16	86	.02	<2	1.10	.02	.12	<2	.1	238	<.3	<.1	3.3	<1
51967	.4	2.7	7.2	18.0	<30	3	1	102	.84	3.2	<5	3	24	.01	.2	.1	16	.22	.018	15	7	.09	53	.06	<2	.49	.03	.08	<2	<.1	272	<.3	.2	1.4	1
51968	.7	3.7	5.1	22.3	708	3	2	106	1.23	3.7	<5	3	18	.02	.3	.1	27	.18	.015	12	8	.10	51	.06	51	.58	.02	.09	<2	.2	105	<.3	.1	3.2	1
51969	.5	3.3	5.2	18.9	<30	3	2	119	1.08	2.2	<5	3	19	.01	.2	.1	23	.18	.007	12	9	.11	47	.09	2	.54	.02	.06	<2	<.1	101	<.3	<.1	2.6	<1
51970	.3	6.5	6.0	29.6	54	3	2	182	1.42	2.7	<5	3	43	.06	.4	.1	19	.42	.009	20	11	.24	43	.06	<2	.79	.04	.07	<2	.1	173	<.3	<.1	3.6	<1
51971	1.8	20.5	2.6	18.7	72	6	2	112	.59	2.2	<5	1	110	.12	.3	.1	9	1.23	.027	27	5	.27	43	.01	3	.56	.02	.04	<2	.1	130	<.3	<.1	1.8	1
51972	.5	3.7	6.5	27.9	<30	2	3	113	1.41	2.3	<5	3	26	.03	.3	.1	23	.25	.008	14	11	.19	47	.06	<2	.91	.03	.05	<2	.1	78	<.3	<.1	4.5	<1
51973	.7	16.0	8.3	39.1	108	9	4	372	1.95	9.1	<5	4	59	.15	.7	.2	27	.71	.016	55	14	.31	57	.05	<2	1.47	.04	.10	<2	.2	256	<.3	<.1	5.9	<1
51974	1.4	4.4	6.8	34.5	33	3	3	176	1.82	4.5	<5	2	22	.05	.3	.1	41	.20	.020	16	13	.15	40	.06	8	.87	.02	.10	<2	.1	164	<.3	<.1	4.0	1
51975	1.2	5.3	10.9	55.1	38	6	5	956	2.19	7.0	<5	2	27	.07	.4	.1	44	.25	.050	20	15	.17	69	.05	<2	1.03	.01	.17	<2	<.1	136	<.3	.1	4.5	<1
51976	.4	3.7	6.2	38.5	<30	5	4	179	1.58	1.6	<5	3	29	.04	.3	.1	31	.34	.023	16	11	.18	47	.06	<2	.95	.02	.08	<2	.1	230	<.3	.1	4.1	<1
51977	.3	7.8	5.8	37.9	161	4	3	185	1.72	1.9	<5	3	46	.06	.4	.1	25	.57	.012	17	15	.30	54	.07	26	1.09	.05	.07	<2	.2	154	<.3	.1	5.4	4
51978	.5	30.9	6.8	41.3	119	15	5	327	2.00	3.1	<5	2	86	.29	.5	.1	25	1.28	.038	32	16	.40	71	.04	27	1.30	.05	.12	<2	.1	127	<.3	<.1	5.3	1
STANDARD D/AU-S	20.3	115.3	92.9	255.7	1892	27	14	944	4.34	73.5	19	20	54	2.17	9.8	21.6	65	.69	.096	18	50	1.19	232	.13	24	2.21	.05	.72	21	2.1	466	1.0	2.3	6.4	48

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
51979	.9	12.4	7.9	50.8	86	12	4	638	2.27	11.0	<5	4	44	.08	.8	.1	33	.60	.015	28	17	.29	71	.05	4	1.66	.04	.12	<2	.1	110	.3	<.1	4.9	2
51980	.9	5.7	5.8	29.9	45	4	3	163	1.65	4.0	<5	3	19	.02	.5	<.1	36	.23	.013	13	13	.13	39	.09	2	.67	.02	.09	<2	.1	67	<.3	.3	2.7	1
51981	.4	3.7	6.0	28.3	<30	6	2	336	1.17	<.5	<5	2	12	.01	.2	<.1	25	.15	.028	12	9	.09	48	.07	2	.69	.01	.05	<2	<.1	49	<.3	.1	2.0	1
51982	.5	4.9	5.4	29.5	<30	8	3	142	1.40	2.5	<5	2	16	.01	.4	<.1	27	.16	.029	11	11	.13	39	.07	3	.76	.01	.07	<2	<.1	86	.3	.2	3.0	2
51983	.3	3.0	4.8	28.0	<30	4	1	109	.95	1.1	<5	2	12	<.01	.2	<.1	20	.14	.021	11	7	.08	30	.07	2	.62	.01	.06	<2	<.1	124	<.3	.1	1.4	1
51984	.8	5.6	5.5	34.3	30	8	4	168	1.83	4.5	<5	3	18	.02	.6	<.1	38	.19	.051	13	14	.14	41	.08	<2	.89	.01	.11	<2	.1	303	.3	.2	2.8	2
51985	.3	2.7	6.9	13.7	<30	3	1	75	.81	4.4	<5	2	18	<.01	.3	<.1	17	.17	.016	15	9	.09	32	.08	3	.57	.05	.06	<2	<.1	103	<.3	.2	1.1	1
51986	.6	3.9	6.1	30.8	<30	5	2	150	1.39	4.8	<5	2	17	.01	.3	<.1	29	.16	.013	17	10	.12	31	.07	<2	.62	.02	.08	<2	.1	118	<.3	.1	1.3	1
51987	.5	3.6	7.5	21.5	<30	5	2	116	1.12	4.8	<5	2	17	<.01	.3	<.1	22	.15	.017	17	8	.11	31	.08	7	.68	.03	.08	<2	.1	69	<.3	.1	1.3	1
52001	.9	7.5	5.9	72.2	176	4	3	952	2.27	1.8	<5	1	45	.23	1.3	<.1	28	.58	.082	13	8	.13	196	.03	4	1.02	.03	.17	<2	.1	135	.3	<.1	3.6	1
52002	.9	5.9	6.7	176.5	44	8	4	1224	2.38	2.6	<5	2	29	.17	1.5	<.1	31	.32	.097	17	10	.16	333	.04	7	1.36	.01	.10	<2	<.1	546	.3	.1	4.0	2
52003	.8	5.4	7.8	83.5	52	5	3	615	1.53	3.9	<5	2	28	.16	9.5	.1	29	.23	.041	12	10	.13	189	.04	3	.82	.02	.06	<2	.4	94	<.3	<.1	3.3	1
RE 52003	.6	4.8	6.4	85.9	49	5	3	588	1.55	3.5	<5	2	29	.12	8.8	<.1	30	.24	.039	13	10	.13	188	.05	3	.87	.01	.06	<2	.1	101	<.3	.1	2.9	1
52004	.4	3.6	8.4	134.5	220	7	4	1251	1.51	1.5	<5	2	20	.12	.5	<.1	29	.21	.056	15	9	.12	168	.04	2	1.20	.01	.07	<2	.1	114	<.3	<.1	2.1	1
52005	1.6	3.7	13.9	225.3	851	6	3	429	1.86	27.3	<5	2	34	.19	408.2	<.1	25	.19	.040	13	8	.12	179	.03	6	1.05	.02	.10	<2	.5	288	<.3	<.1	3.3	1
52006	.3	2.7	6.6	131.3	30	1	2	706	1.57	1.5	<5	2	27	.07	4.3	<.1	19	.27	.055	10	5	.09	202	.01	5	1.13	.01	.11	<2	.1	324	<.3	.1	2.0	1
52007	.4	2.7	6.1	42.5	<30	3	3	567	1.16	1.4	<5	2	13	.02	2.9	<.1	23	.14	.048	12	7	.09	85	.05	<2	.69	.01	.06	<2	<.1	136	<.3	<.1	1.5	7
52008	1.2	5.8	10.3	83.1	84	6	4	1143	1.98	9.6	<5	3	25	.10	66.6	<.1	33	.26	.049	18	11	.17	137	.04	6	1.25	.01	.08	<2	.3	661	.3	.2	4.5	2
52009	.8	9.5	12.0	39.7	62	10	4	243	1.91	4.9	<5	4	49	.11	1.7	.1	28	.80	.025	60	17	.21	58	.06	<2	1.62	.02	.11	<2	.1	153	.3	.1	4.6	1
52010	1.0	5.9	7.4	38.7	<30	5	3	293	1.36	4.2	<5	2	32	.06	.5	.1	26	.39	.023	16	11	.15	61	.07	<2	.97	.02	.08	<2	.1	154	.3	.1	3.3	1
52011	.3	3.8	5.6	24.5	<30	3	2	244	1.51	1.7	<5	3	26	.01	.2	<.1	24	.35	.021	16	13	.16	42	.09	<2	.85	.03	.07	<2	<.1	123	<.3	<.1	1.4	<1
52012	1.5	6.6	9.4	98.8	58	10	5	685	2.26	6.7	<5	3	18	.12	.7	.1	49	.19	.036	15	16	.18	94	.07	3	1.19	.01	.10	<2	.1	160	<.3	.1	5.4	1
52013	1.1	7.5	10.2	96.2	62	12	5	862	2.20	8.2	<5	3	29	.11	.7	.1	43	.25	.060	22	15	.22	90	.07	2	1.49	.01	.12	<2	.1	177	<.3	.1	4.4	1
52014	1.6	7.8	10.7	93.0	98	8	4	593	1.94	5.9	<5	2	24	.16	.8	.1	39	.26	.068	16	14	.19	96	.06	<2	1.26	.01	.12	<2	.1	110	.3	.2	6.0	8
52015	1.0	6.4	5.8	39.9	54	6	4	171	1.89	4.4	<5	3	18	.03	1.1	.1	40	.15	.026	13	14	.14	52	.08	8	.80	.01	.08	<2	.1	59	<.3	.2	3.0	2
52016	.4	3.8	4.9	30.4	<30	6	3	135	1.48	1.9	<5	3	11	.01	.3	<.1	31	.10	.027	13	11	.08	30	.07	<2	.73	.01	.06	<2	<.1	46	<.3	<.1	1.4	2
52017	.9	4.9	5.9	47.9	<30	5	4	150	1.55	3.6	<5	3	17	.02	.7	<.1	29	.13	.046	14	11	.12	58	.06	<2	1.10	.02	.07	<2	.1	44	<.3	<.1	3.2	13
52018	.9	4.2	5.5	38.4	34	5	4	141	1.77	7.0	<5	3	21	.02	2.4	<.1	34	.16	.039	13	12	.13	65	.06	3	.80	.02	.07	<2	.1	56	<.3	.1	2.6	1
52019	.8	7.0	5.1	55.0	54	10	5	261	1.65	1.1	<5	1	34	.05	.2	.1	37	.28	.027	11	19	.15	83	.08	<2	1.08	.02	.06	<2	<.1	60	<.3	.1	4.4	<1
52020	.9	6.4	5.6	47.9	<30	10	4	248	1.81	2.4	<5	2	21	.03	.4	<.1	38	.20	.055	9	18	.14	78	.07	<2	1.10	.01	.05	<2	.1	57	<.3	<.1	4.7	<1
52021	.4	4.5	4.5	27.5	<30	5	2	115	1.37	1.4	<5	2	23	.01	.2	.1	30	.23	.016	10	14	.13	54	.08	<2	.83	.01	.04	<2	<.1	49	<.3	<.1	3.0	<1
52022	.6	5.4	6.3	46.9	<30	3	3	234	1.15	1.0	<5	2	22	.02	<.2	.1	27	.22	.024	12	12	.10	59	.08	<2	.90	.01	.04	<2	.1	42	<.3	.1	3.4	1
52023	.9	4.8	6.4	42.4	<30	5	3	283	1.45	1.8	<5	2	17	.02	.2	.1	30	.17	.057	9	11	.09	99	.06	<2	1.11	.01	.05	<2	<.1	48	<.3	<.1	4.3	2
52024	.8	5.4	6.8	53.1	<30	8	4	133	1.89	2.4	<5	2	15	.02	.2	.1	38	.15	.069	10	15	.12	63	.06	<2	1.39	.01	.05	<2	.1	48	<.3	.1	4.2	<1
STANDARD D/AU-S	23.2	121.0	89.6	275.7	1838	29	14	925	4.23	75.5	18	20	52	2.20	10.0	21.2	63	.63	.092	17	47	1.14	234	.12	26	2.18	.04	.69	18	2.6	456	.9	2.1	6.2	51

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
52025	.6	5.5	7.1	35.6	<30	4	4	146	1.46	4.7	<5	3	30	.01	.2	<.1	27	.27	.039	12	11	.19	57	.07	<2	.82	.02	.06	<2	.1	37	<.3	.1	3.0	1
52026	.6	5.8	7.1	29.7	<30	3	3	177	1.46	4.8	<5	2	29	.01	.3	<.1	30	.24	.028	12	13	.18	55	.09	<2	.84	.02	.06	<2	.1	38	<.3	<.1	3.2	<1
52027	1.0	7.2	7.3	49.3	<30	5	5	684	1.72	2.7	<5	2	34	.02	.2	<.1	31	.27	.039	15	14	.19	73	.07	<2	1.17	.02	.08	<2	.1	46	<.3	<.1	3.5	1
52028	.7	6.0	8.8	38.6	<30	5	6	247	1.72	5.8	<5	3	25	.03	.3	<.1	33	.21	.052	11	14	.14	70	.08	3	.90	.01	.07	<2	.1	47	<.3	<.1	3.5	1
52029	.8	4.8	7.3	114.5	<30	7	5	511	1.36	4.9	<5	3	21	.04	<.2	<.1	27	.19	.038	11	13	.14	95	.09	<2	1.29	.01	.06	<2	.1	28	<.3	<.1	4.2	1
52030	2.1	34.9	4.0	233.2	130	43	19	881	6.83	1.4	<5	2	65	.18	<.2	<.1	90	.37	.163	14	67	.19	251	.05	<2	4.97	.01	.07	<2	.1	81	<.3	<.1	12.6	<1
52031	.8	5.3	6.0	116.7	<30	7	4	535	1.48	1.5	<5	2	24	.06	.3	<.1	29	.22	.042	11	14	.13	123	.08	<2	1.18	<.01	.06	<2	.1	34	<.3	<.1	4.1	<1
52032	.7	5.9	6.7	48.4	<30	7	5	239	2.20	4.9	<5	3	21	.02	.4	.1	43	.22	.082	11	19	.18	76	.10	<2	1.32	.01	.06	<2	.1	38	<.3	<.1	4.0	3
52033	1.1	18.7	8.0	118.7	129	22	10	908	4.42	3.9	<5	2	111	.13	.4	<.1	53	1.17	.088	33	32	.39	141	.05	<2	2.59	.04	.10	<2	.1	111	<.3	.1	6.9	<1
52034	1.2	3.8	6.0	83.3	<30	6	5	891	1.63	<.5	<5	2	18	.04	<.2	<.1	31	.21	.083	10	14	.10	70	.08	<2	.96	.01	.06	<2	.1	58	<.3	.1	2.7	1
52035	1.5	4.5	9.3	51.6	57	4	4	339	1.59	3.6	<5	3	27	.06	.3	<.1	30	.20	.032	14	11	.10	151	.04	<2	.91	.01	.11	<2	.1	189	<.3	.2	4.1	1
52036	1.1	4.0	8.8	78.8	35	3	3	470	1.44	2.6	<5	3	27	.05	<.2	.1	26	.20	.043	15	9	.10	136	.03	<2	.97	.01	.10	<2	.1	92	<.3	<.1	3.5	1
52037	1.2	4.4	7.5	76.6	57	3	4	421	1.51	2.9	<5	3	23	.05	<.2	<.1	27	.16	.048	14	10	.10	102	.03	6	1.03	.01	.09	<2	.1	81	<.3	<.1	3.5	<1
52038	1.7	5.4	7.7	61.9	90	4	4	1187	1.37	3.7	<5	1	41	.14	.2	.1	22	.36	.069	13	8	.09	155	.02	<2	.89	.01	.10	<2	.1	80	<.3	<.1	3.6	<1
52039	.8	5.1	9.2	52.2	62	6	3	356	1.37	3.3	<5	2	27	.07	.3	.1	26	.27	.020	15	11	.14	71	.09	<2	.85	.02	.07	<2	.2	67	<.3	<.1	4.0	1
52040	.9	4.8	7.8	42.2	45	2	4	623	1.37	3.3	<5	2	22	.06	.3	.1	25	.21	.011	15	10	.12	62	.07	<2	.79	.01	.06	<2	.2	100	<.3	.1	3.2	1
52041	1.0	3.9	6.2	36.0	<30	3	2	207	1.36	1.9	<5	3	20	.02	<.2	<.1	28	.19	.007	12	10	.14	55	.08	<2	.83	.01	.05	<2	.1	49	<.3	<.1	2.3	2
52042	.7	3.7	7.1	46.4	<30	4	2	186	1.15	1.3	<5	2	21	.02	<.2	<.1	22	.17	.019	14	8	.10	55	.05	<2	.75	.01	.06	<2	.1	54	<.3	<.1	1.9	1
52043	.6	3.0	5.5	30.4	<30	2	1	106	.96	<.5	<5	2	19	.01	<.2	<.1	21	.18	.013	13	7	.07	39	.07	<2	.47	.01	.05	<2	.1	144	<.3	<.1	1.5	<1
52044	.7	5.4	7.2	29.3	37	3	2	268	1.02	2.2	<5	3	50	.04	.3	.1	18	.49	.015	18	8	.18	54	.06	<2	.80	.03	.06	<2	.1	198	<.3	.2	3.2	<1
52045	.7	3.8	5.4	24.1	<30	3	3	319	1.07	1.0	<5	2	25	.01	<.2	<.1	21	.23	.011	15	8	.10	52	.07	<2	.65	.02	.06	<2	<.1	73	<.3	<.1	1.5	<1
52046	.6	3.6	4.9	23.9	<30	2	2	121	1.23	2.1	<5	3	23	.01	<.2	<.1	24	.22	.011	13	9	.13	50	.08	<2	.72	.02	.05	<2	<.1	68	<.3	<.1	1.7	2
52047	.8	4.6	6.8	40.1	<30	1	3	208	1.17	1.2	<5	3	24	.04	.2	<.1	21	.24	.007	14	8	.09	48	.08	<2	.77	.02	.05	<2	.1	34	<.3	<.1	2.1	1
RE 52047	.6	4.2	6.2	37.0	<30	3	3	197	1.11	.8	<5	3	22	.02	<.2	.1	20	.22	.006	13	7	.09	45	.07	4	.72	.02	.05	<2	.1	31	<.3	.1	1.7	1
52048	.4	5.4	8.0	29.5	33	3	3	174	1.65	2.8	<5	5	34	.04	.4	.1	24	.45	.011	22	15	.21	36	.09	<2	.94	.05	.07	<2	.1	204	<.3	<.1	3.4	1
52049	.7	6.4	7.7	24.8	64	4	3	312	1.72	3.1	<5	3	48	.08	.6	.1	25	.70	.013	27	14	.22	43	.07	<2	1.02	.04	.07	<2	.1	131	<.3	.1	3.6	1
52050	1.3	5.2	7.8	32.3	<30	4	4	426	1.36	2.5	<5	2	36	.12	.3	.1	25	.41	.017	15	10	.13	30	.07	<2	.73	.02	.07	<2	.1	103	<.3	.2	3.1	1
52051	1.4	5.9	9.7	33.7	<30	4	3	251	2.61	7.7	<5	5	25	.07	.5	<.1	52	.25	.037	16	17	.16	53	.09	<2	.78	.01	.17	<2	.1	104	<.3	.1	3.8	2
52052	.9	6.0	8.9	41.8	41	5	4	408	1.94	8.6	<5	4	47	.05	.5	.1	32	.60	.017	38	13	.18	42	.06	<2	1.36	.02	.09	<2	.2	181	<.3	.1	3.8	1
52053	.7	4.3	6.2	27.0	<30	4	4	222	1.31	1.5	<5	2	20	.03	.2	.1	23	.23	.015	17	9	.12	27	.07	<2	.73	.02	.09	<2	.1	86	<.3	.1	2.8	1
52054	1.0	4.8	7.5	37.2	<30	4	4	357	1.51	2.8	<5	3	26	.03	.4	.1	27	.28	.017	19	12	.16	48	.09	<2	.97	.02	.07	<2	.2	59	<.3	.1	4.1	<1
52055	.9	4.5	7.3	35.7	<30	4	3	212	1.56	2.7	<5	4	20	.02	.3	<.1	28	.22	.027	15	12	.13	52	.09	<2	.91	.02	.09	<2	.1	55	<.3	.1	3.6	1
52056	.7	7.9	5.1	30.1	<30	7	5	246	2.47	7.1	<5	5	33	.02	.5	<.1	44	.33	.032	19	18	.18	52	.10	<2	.86	.05	.11	<2	.1	171	<.3	.1	2.8	1
52057	.6	5.7	5.6	43.5	<30	6	4	155	1.96	2.8	<5	4	23	.02	.4	<.1	32	.24	.046	16	14	.18	54	.07	<2	1.12	.02	.12	<2	.1	128	<.3	.2	3.4	<1
STANDARD	23.3	126.3	53.8	275.8	1988	27	14	973	4.58	72.9	20	21	59	2.10	10.3	21.1	62	.69	.090	18	53	1.15	227	.15	26	2.41	.05	.76	20	2.2	475	1.0	2.4	6.9	48

Standard is STANDARD D/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U 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	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
52058	1.3	8.1	6.9	54.7	33	6	5	1700	1.12	2.9	<5	3	104	.03	.4	.1	22	2.43	.185	13	8	.31	132	.06	12	.79	.04	.21	<2	<.1	93	<.3	.1	2.8	2
52059	.7	5.0	5.6	42.1	<30	5	4	181	1.53	4.9	<5	3	17	.03	.3	<.1	33	.18	.017	14	12	.14	39	.09	2	.77	.01	.08	<2	<.1	93	<.3	<.1	2.5	<1
52060	.9	5.3	7.1	48.5	<30	9	5	170	2.02	7.6	<5	2	16	.06	.4	.1	41	.18	.052	14	15	.17	44	.10	4	1.21	.01	.10	<2	<.1	51	<.3	.1	3.9	1
52061	.9	3.8	7.1	28.1	<30	3	2	276	.95	2.1	<5	1	17	.03	.3	<.1	20	.21	.021	17	7	.08	32	.06	2	.59	.01	.10	<2	<.1	58	<.3	.2	2.5	<1
RE 52061	.8	3.7	6.5	25.7	<30	2	3	273	.92	2.0	<5	1	17	.03	.2	<.1	20	.21	.020	16	7	.08	35	.06	2	.59	.01	.10	<2	<.1	53	<.3	<.1	2.2	<1

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

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION — TITLES BRANCH

EVENT NO. 3078796
OFFICE USE ONLY

RECORDING STAMP
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NOV - 1 1995
16 3210.

Mineral Tenure Act
Sections 25, 26 & 27

STATEMENT OF WORK — CASH PAYMENT

Indicate type of title MINERAL (Mineral or Placer)

Mining Division OMINECA

PLEASE PRINT CLEARLY

I, CAROL ISOBEL DITSON (Name)
1409-409 Granville Street (Address)
Vancouver, B.C.
(604) 669-5736 (Telephone) V6C 1T8 (Postal Code)
Client Number 106835

Agent for PHELPS DODGE CORP. OF CANADA, LIMITED (Name(s) of all recorded title holders)
912-120 Adelaide Street West (Address)
Toronto, Ontario
(416) 594-0355 (Telephone) M5H 1T1 (Postal Code)
Client Number 121307

STATE THAT: (NOTE: If only paying cash in lieu or lease rental, turn to reverse and complete columns G to J and Q to T.)

Work has been done on the Yel 2, 7, 10 Claim(s)

Tenure No.(s) 314662, 314667, 326473

Work was done from June 10, 19 95, to September 28, 19 95;

and was done in compliance with Section 50 of the Mineral Tenure Act and

Section 19(3) of the Regulation YES [XX] NO [ ] WORK PERMIT No. 1300319-6793

TYPE OF WORK

PHYSICAL: Work such as trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails. Details as required under section 13 of the Regulations, including the map and cost statement must be given on or attached to this statement.

PROSPECTING: Details as required under section 9 of the Regulations must be submitted in a technical report. Prospecting work can only be claimed once by the same owner of the ground, and only during the first three years of ownership.

GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL, DRILLING: Details must be submitted in a technical report conforming to sections 5 through 8 (as appropriate) of the Regulations.

PORTABLE ASSESSMENT CREDIT (PAC) WITHDRAWAL: A maximum of 30% of the approved value of geological, geophysical, geochemical and/or drilling work on this statement may be withdrawn from the owner's or operator's PAC account and added to the work value on this statement.

NOTE: Where required, the assessment report must be received within ninety days of the earliest due anniversary date on this statement.

TYPE OF WORK (Specify Physical (include details), Prospecting, Geological, etc.)	VALUE OF WORK Physical	*Prospecting	*Geological, etc.	
Geological and Geochemical			31,600	
TOTALS	A +	B +	C 31,600	D 31,600
PAC WITHDRAWAL — Maximum 30% of Value in Box C Only			E →	E
from account(s) of			TOTAL	F 31,600

*Who was the operator (provided the financing)? Name Phelps Dodge Corp. of Canada
Address same as above
Phone

Transfer amount in Box F to reverse side of form and complete as required.

M28-2024 MTL 112 REV 94/01

F 31,600.00 I WISH TO APPLY $ 31,600.00 OF THE TOTAL VALUE FROM BOX F AS FOLLOWS:

Columns G through P inclusive MUST BE COMPLETED before work credits can be granted to claims. Columns G through J and Q through T inclusive MUST BE COMPLETED before a cash payment or rental payment can be credited. Columns not applicable need not be completed

Cash Payment

CLAIM IDENTIFICATION

	G CLAIM NAME (one claim/lease per line)	H TENURE No.	I No. OF UNITS*	J CURRENT EXPIRY DATE
1	Yel 1	314661	20	Nov 11/96
2	Yel 2	314662	20	Nov 11/96
3	Yel 5	314665	4	Nov 10/96
4	Yel 6	314666	16	Nov 10/96
5	Yel 7	314667	16	Nov 11/96
6	Yel 10	326473	12	June 1/97
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				

APPLICATION OF WORK CREDIT

	K WORK TO BE APPLIED VALUE	L WORK TO BE APPLIED YEARS	M Recording Fees	N PRIOR EXCESS CREDIT BEING USED	O NEW EXPIRY DATE	P EXCESS CREDIT REMAINING
1	8,000	2	400.00		Nov 11/98	
2	8,000	2	400.00		Nov 11/98	
3	1,600	2	80.00		Nov 10/98	
4	6,400	2	320.00		Nov 10/98	
5	6,400	2	320.00		Nov 11/98	
6	1,200	1	120.00		June 1/98	
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
	31,600 TOTAL OF K		1,640 TOTAL OF M			

CASH IN LIEU OF WORK OR LEASE RENTAL

	Q C/L	R RECORDING FEE	S LEASE RENTAL	T NEW EXPIRY DATE
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
	TOTAL OF Q	TOTAL OF R	TOTAL OF S	

NOTICE TO GROUP No. _____ RECORDED _____

*2 POST, FRACTION, REV. CROWN GRANT AND PLACER CLAIM ARE 1 UNIT EACH

Value of work to be credited to portable assessment credit (PAC) account(s).
(May only be credited from the approved value of Box C not applied to claims.)

Name of owner/operator

Name	Amount
1	
2	
3	

I, the undersigned Applicant, hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the Mineral Tenure Act. I further acknowledge and understand that if the statements made, or information given, in this Statement of Work — Cash Payment are found to be false and the exploration and development has not been performed, as alleged in this Statement of Work — Cash Payment, then the work reported on this statement will be cancelled and the subject mineral claim(s) may as a result, forfeit to and vest back to the Province.

Signature of Applicant

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION -- TITLES BRANCH

EVENT NUMBER 3078791
OFFICE USE ONLY

RECORDING STAMP
NOV - 6 1995
16 3210.

Mineral Tenure Act
SECTION 28

NOTICE TO GROUP

INDICATE TYPE OF TITLE MINERAL
(Mineral or Placer)*

I, CAROL ISOBEL DITSON
(Name)
1409-409 Granville Street
(Address)
Vancouver, B.C.
V6C 1T8 (604) 669-5736
(Postal Code) (Telephone)
Client Number 106835

Agent for PHELPS DODGE CORPORATION OF CANADA, LIMITED
(Name(s) of all recorded title holders)
912-120 Adelaide Street West
(Address)
Toronto, Ontario
M5H 1T1 (416) 594-0355
(Postal Code) (Telephone)
Client Number 121307

request that the following mineral titles on map number(s) 93F/6E, 11E in the Omineca Mining Division(s) be grouped under the group name YM 95-1

A copy of the mineral/placer titles reference map ☒ or a legal survey approved by the Surveyor General ☐ is attached. (check appropriate box)

Name of Claim	Number of Units	Tenure Number
Yel 1	20	314661
Yel 2	20	314662
Yel 5	4	314665
Yel 6	16	314666
Yel 7	16	314667
Yel 10	12	326473

Name of Claim	Number of Units	Tenure Number

Notice to Group approved (Yes/No)

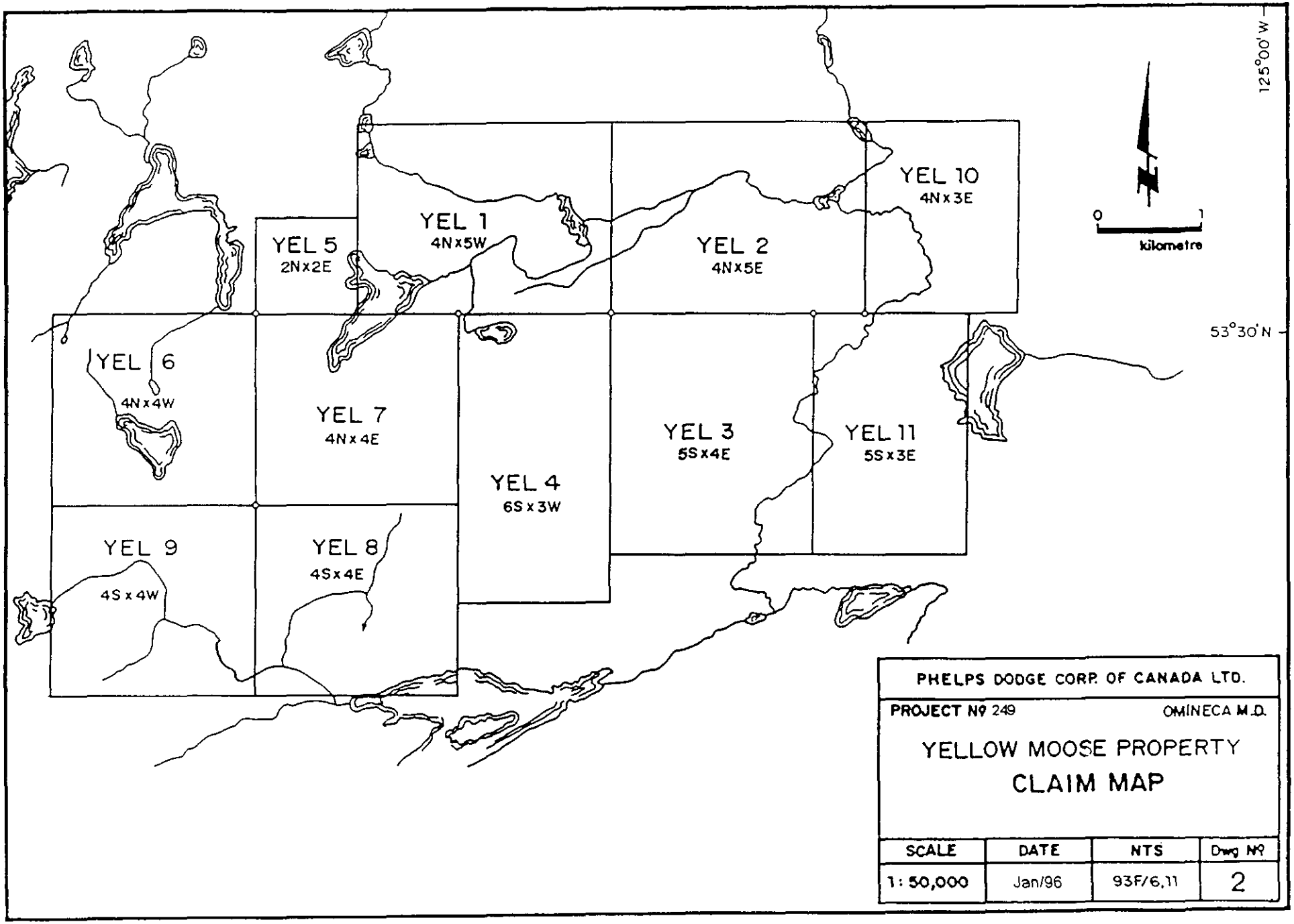
Total number of units 88

(Signature of Gold Commissioner)

(Signature of Applicant)

(Date)

*NOTE Mineral claim(s) and lease(s) cannot be grouped with placer claim(s) and lease(s).



PHELPS DODGE CORP. OF CANADA LTD.

PROJECT Nº 249 OMINECA M.D.

YELLOW MOOSE PROPERTY
CLAIM MAP

SCALE	DATE	NTS	Dwg Nº
1 : 50,000	Jan/96	93F/6,11	2

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION — TITLES BRANCH

EVENT NO. 3078798
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16 3210

Mineral Tenure Act
Sections 25, 26 & 27

STATEMENT OF WORK — CASH PAYMENT

Indicate type of title MINERAL (Mineral or Placer)

Mining Division OMINECA

PLEASE PRINT CLEARLY

I, CAROL ISOBEL DITSON (Name)
1409-409 Granville Street (Address)
Vancouver, B.C.
(604) 669-5736 (Telephone) V6C 1T8 (Postal Code)
Client Number 106835

Agent for PHELPS DODGE CORP. OF CANADA, LIMITED (Name(s) of all recorded title holders)
912-120 Adelaide Street West (Address)
Toronto, Ontario
(416) 594-0355 (Telephone) M5H 1T1 (Postal Code)
Client Number 121307

STATE THAT: (NOTE: If only paying cash in lieu or lease rental, turn to reverse and complete columns G to J and Q to T.)

Work has been done on the Cut 3, 4, 8, 9, 10 Claim(s)

Tenure No.(s) 314663, 314664, 314668, 314669, 326474

Work was done from June 10, 19 95, to September 28, 19 95;

and was done in compliance with Section 50 of the Mineral Tenure Act and

Section 19(3) of the Regulation YES [XX] NO [ ] WORK PERMIT No. 1300319-6793

TYPE OF WORK

PHYSICAL: Work such as trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails. Details as required under section 13 of the Regulations, including the map and cost statement must be given on or attached to this statement.

PROSPECTING: Details as required under section 9 of the Regulations must be submitted in a technical report. Prospecting work can only be claimed once by the same owner of the ground, and only during the first three years of ownership.

GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL, DRILLING: Details must be submitted in a technical report conforming to sections 5 through 8 (as appropriate) of the Regulations.

PORTABLE ASSESSMENT CREDIT (PAC) WITHDRAWAL: A maximum of 30% of the approved value of geological, geophysical, geochemical and/or drilling work on this statement may be withdrawn from the owner's or operator's PAC account and added to the work value on this statement.

NOTE: Where required, the assessment report must be received within ninety days of the earliest due anniversary date on this statement.

TYPE OF WORK	VALUE OF WORK			
(Specify Physical (include details), Prospecting, Geological, etc.)	Physical	*Prospecting	*Geological, etc.	
Geological and Geochemical			30,230.	
TOTALS	A +	B +	C 30,230	D 30,230
PAC WITHDRAWAL — Maximum 30% of Value in Box C Only			E →	E
from account(s) of			TOTAL	F 30,230

*Who was the operator (provided the financing)? Name Phelps Dodge Corp. of Canada
Address same as above
Phone

Transfer amount in Box F to reverse side of form and complete as required.

M28-2024

MTL 112 REV 94/01

F 30,230.00 I WISH TO APPLY $ 29,500.00 OF THE TOTAL VALUE FROM BOX F AS FOLLOWS:

Columns G through P inclusive MUST BE COMPLETED before work credits can be granted to claims
Columns G through J and Q through T inclusive MUST BE COMPLETED before a cash payment or rental payment can be credited. Columns not applicable need not be completed

Cash Payment

CLAIM IDENTIFICATION / APPLICATION OF WORK CREDIT / CASH IN LIEU OF WORK OR LEASE RENTAL

	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
	CLAIM NAME (one claim/lease per line)	TENURE No.	No. OF UNITS*	CURRENT EXPIRY DATE	WORK TO BE APPLIED VALUE	WORK TO BE APPLIED YEARS	Recording Fees	PRIOR EXCESS CREDIT BEING USED	NEW EXPIRY DATE	EXCESS CREDIT REMAINING	C/L	RECORDING FEE	LEASE RENTAL	NEW EXPIRY DATE
1	Yel 3	314663	20	Nov 11/96	8,000	2	400.00		Nov 11/98					
2	Yel 4	314664	18	Nov 11/96	7,200	2	360.00		Nov 11/98					
3	Yel 8	314668	16	Nov 10/96	6,400	2	320.00		Nov 10/98					
4	Yel 9	314669	16	Nov 10/96	6,400	2	320.00		Nov 10/98					
5	Yel 11	326474	15	June 1/97	1,500	1	150.00		June 1/98					
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
					29,500 TOTAL OF K		1,550.00 TOTAL OF M				TOTAL OF Q	TOTAL OF R	TOTAL OF S	

NOTICE TO GROUP No. _____ RECORDED _____

*2 POST, FRACTION, REV, CROWN GRANT AND PLACER CLAIM ARE 1 UNIT EACH.

Value of work to be credited to portable assessment credit (PAC) account(s).
(May only be credited from the approved value of Box C not applied to claims.)

Name of owner/operator	Name	Amount
1	Phelps Dodge Corp. of Canada, Limited	$730.00
2		
3		

I, the undersigned Applicant, hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the Mineral Tenure Act. I further acknowledge and understand that if the statements made, or information given, in this Statement of Work — Cash Payment are found to be false and the exploration and development has not been performed, as alleged in this Statement of Work — Cash Payment, then the work reported on this statement will be cancelled and the subject mineral claim(s) may as a result, forfeit to and vest back to the Province

Signature of Applicant

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION – TITLES BRANCH

EVENT NUMBER 3078797
OFFICE USE ONLY

Mineral Tenure Act
SECTION 28

NOTICE TO GROUP

INDICATE TYPE OF TITLE MINERAL
(Mineral or Placer)*

NOV - 1995
16 3210.
RECORDING STAMP

I, CAROL ISOBEL DITSON
(Name)
1409-409 Granville Street
(Address)
Vancouver, B.C.
V6C 1T8 (604) 669-5736
(Postal Code) (Telephone)
Client Number 106835

Agent for PHELPS DODGE CORPORATION OF CANADA, LIMITED
(Name(s) of all recorded title holders)
912-120 Adelaide Street West
(Address)
Toronto, Ontario
M5H 1T1 (416) 594-0355
(Postal Code) (Telephone)
Client Number 121307

request that the following mineral titles on map number(s) 93F/6E, 11E in the Omineca Mining Division(s) be grouped under the group name YM 95-2

A copy of the mineral/placer titles reference map ☒ or a legal survey approved by the Surveyor General ☐ is attached. (check appropriate box)

Name of Claim	Number of Units	Tenure Number
Yel 3	20	314663
Yel 4	18	314664
Yel 8	16	314668
Yel 9	16	314669
Yel 11	15	326474

Name of Claim	Number of Units	Tenure Number

Notice to Group approved (Yes/No)

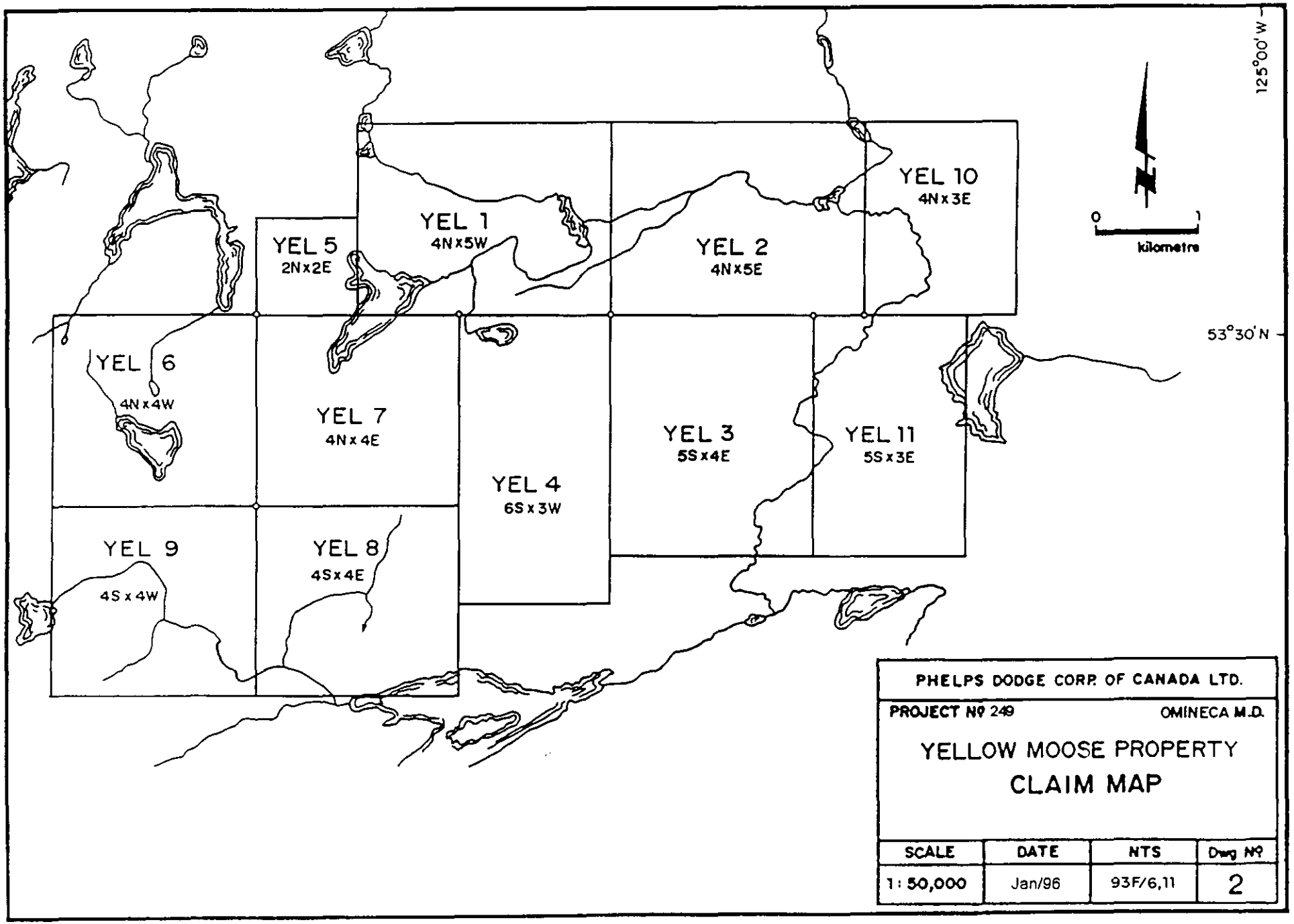
Total number of units 85

(Signature of Gold Commissioner)

(Signature of Applicant)

(Date)

1E Mineral claim(s) and lease(s) cannot be grouped with placer claim(s) and lease(s)


125°00' W
53°30' N
YEL 1
4N x 5W
YEL 2
4N x 5E
YEL 10
4N x 3E
YEL 5
2N x 2E
YEL 6
4N x 4W
YEL 7
4N x 4E
YEL 4
6S x 3W
YEL 3
5S x 4E
YEL 11
5S x 3E
YEL 9
4S x 4W
YEL 8
4S x 4E
0
1
kilometre
PHELPS DODGE CORP. OF CANADA LTD.
PROJECT Nº 249
OMINECA M.D.
YELLOW MOOSE PROPERTY
CLAIM MAP
SCALE
DATE
NTS
Dwg Nº
1 : 50,000
Jan/96
93F/6,11
2

CLAIM BOUNDARY

EMMETT LAKE

ARROW LAKE

YELLOW MOOSE LAKE

EAST GRID

WEST GRID

ARROW

GUS

IPA

PETER

ANOMALY A

ANOMALY X

3570000E

5932000N

53°40'

3100

3400

3000

3500

125°05'

5927000N

3640000E

LEGEND

EOCENE
ENDAKO GROUP

- Eet — Andesite, Tuff
- Eeb — Basalt, minor Andesite

OOTSA LAKE GROUP

- Eos — Lahar, sandstone, siltstone (plant fossils), minor matrix supported conglomerate
- Eodt — Vitreous, light green, fine grained dacite tuff locally with white silica spherules
- Eot — Maroon lapilli tuff, local fine grained tuff
- Eod — Green dacite flows and flow breccias, locally vitreous
- Eor — Maroon feldspar+/- quartz phyric rhyolite, local flow breccias

UPPER CRETACEOUS
KASALKA GROUP

- uKs — Red matrix supported polymictic conglomerate
- uKt — Grey-green fine grained tuff with minor lapilli tuff
- uKv — Grey-green fine grained, siliceous porphyritic andesite

SYMBOLS

- Outcrop
- Geological contact (approximate)
- Fault (approximate)
- GUS — Mineral showing
- Outline of airborne high resistivity anomaly
- Baseline or tieline
- Mercury value ppb
- Gridline station and soil sample site
- Gridline number
- Contour of mercury values (ppb) in soils
- Roads (main, secondary)
- Elevation contour (contour interval 100ft)
- Lake, creek
- UTM Coordinates

0 200 400 600 800
SCALE IN METRES

To accompany 1996 Assessment Report Entitled "Geological and Soil Geochemical Report on the Yellow Moose Property, by C. W. Payne M.Sc. P.Geo.

PHELPS DODGE CORP. OF CANADA LIMITED

PROJECT NO.: 249 (YELLOW MOOSE PROPERTY) OMENICA MINING DIVISION

SOIL GEOCHEMICAL RESULTS
MERCURY ppb

SCALE	DATE	BY	NTS NO.	FIGURE
1:10000	JAN/96	CWP	93 F/6,11	7

FOX GEOLOGICAL SERVICES INC.

CLAIM BOUNDARY

EMMETT LAKE

ARROW LAKE

YELLOW MOOSE LAKE

EAST GRID

WEST GRID

ARROW

GUS

IPA

ARGUS

PETER

3570000E

5932000N

5927000N

364000E

53°30'

117°50'

3100

3400

LEGEND

EOCENE
ENDAKO GROUP

- EEt — Andesite, Tuff
- EEb — Basalt, minor Andesite

OOTSA LAKE GROUP

- Eos — Lahar, sandstone, siltstone (plant fossils), minor matrix supported conglomerate
- Eodt — Vitreous, light green, fine grained dacite tuff locally with white silica spherules
- Eot — Maroon lapilli tuff, local fine grained tuff
- Eod — Green dacite flows and flow breccias, locally vitreous
- Eor — Maroon feldspar+/- quartz phyric rhyolite, local flow breccias

UPPER CRETACEOUS
KASALKA GROUP

- uKs — Red matrix supported polymictic conglomerate
- uKt — Grey-green fine grained tuff with minor lapilli tuff
- uKv — Grey-green fine grained, siliceous porphyritic andesite

SYMBOLS

- Outcrop
- Geological contact (approximate)
- Fault (approximate)
- × GUS — Mineral showing
- Outline of airborne high resistivity anomaly
- Baseline or tieline
- Arsenic value ppm
- Gridline station and soil sample site
- Gridline number
- Contours of arsenic values (ppm) in soils
- Roads (main, secondary)
- Elevation contour (contour interval 100ft)
- Lake, creek
- UTM Coordinates

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,265

0 200 400 600 800
SCALE IN METRES

To accompany 1996 Assessment Report Entitled "Geological and Soil Geochemical Report on the Yellow Moose Property, by C. W. Payne M.Sc. P.Geo.

PHELPS DODGE CORP. OF CANADA LIMITED

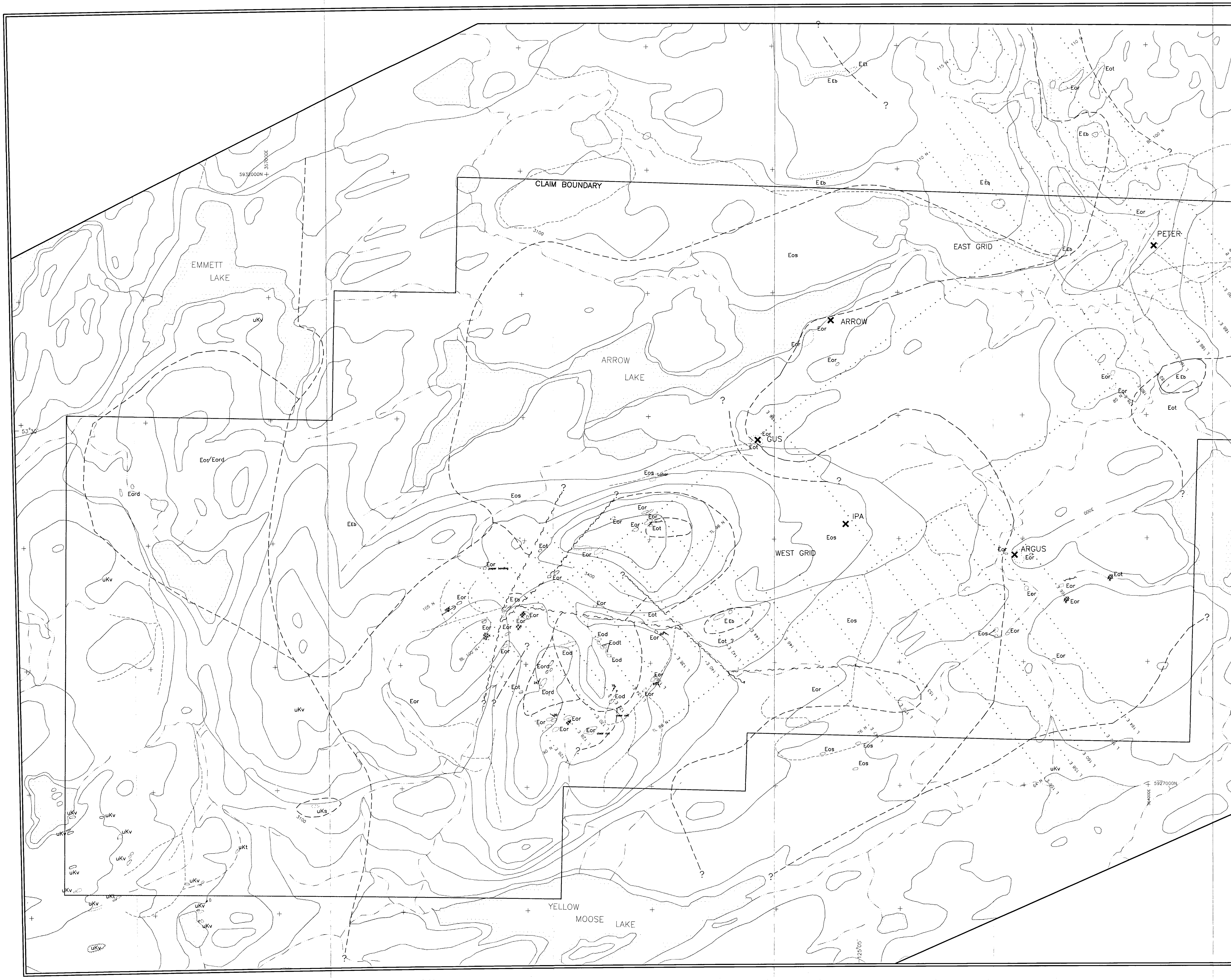
PROJECT NO.: 249 (YELLOW MOOSE PROPERTY) OMENICA MINING DIVISION

SOIL GEOCHEMICAL RESULTS

ARSENIC ppm

SCALE	DATE	BY	NTS NO.	FIGURE
1:10000	JAN/96	CWP	93 F/6,11	8

FOX GEOLOGICAL SERVICES INC.



LEGEND

EOCENE
ENDAKO GROUP

EEt	Andesite, Tuff
EEb	Basalt, minor Andesite

OOTSA LAKE GROUP

Eos	Lahar, sandstone, siltstone (plant fossils), minor matrix supported conglomerate
Eodt	Vitreous, light green, fine grained dacite tuff locally with white silica spherules
Eot	Maroon lapilli tuff, local fine grained tuff
Eod	Green dacite flows and flow breccias, locally vitreous
Eor	Maroon feldspar+/− quartz phyric rhyolite, local flow breccias

UPPER CRETACEOUS
KASALKA GROUP

uKs	Red matrix supported polymictic conglomerate
uKt	Grey–green fine grained tuff with minor lapilli tuff
uKv	Grey–green fine grained, siliceous porphyritic andesite

SYMBOLS

Outcrop
Flow banding (inclined)
Ice direction
Shearing (vertical)
Geological contact (approximate)
Fault (approximate)
× GUS Mineral showing
Roads (main, secondary)
Elevation contour (contour interval 100ft)
Lake, creek
UTM Coordinates

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,265

N

0 200 400 600 800
SCALE IN METRES

To accompany 1996 Assessment Report Entitled "Geological and Soil Geochemical Report on the Yellow Moose Property, by C. W. Payne M.Sc. P.Geo.

PHELPS DODGE CORP. OF CANADA LIMITED

PROJECT NO.: 249 (YELLOW MOOSE PROPERTY) OMENICA MINING DIVISION

PROPERTY GEOLOGY

SCALE	DATE	BY	NTS NO.	FIGURE
1:10000	JAN/96	CWP	93 F/6,11	4

FOX GEOLOGICAL SERVICES INC.

(3)

CLAIM BOUNDARY

EMMETT LAKE

ARROW LAKE

EAST GRID

WEST GRID

PETER

ARROW

GUS

IPA

YELLOW MOOSE LAKE

3570000E

5932000N

5927000N

3100

53° 00'

LEGEND

EOCENE
ENDAKO GROUP

- E Et — Andesite, Tuff
- E Eb — Basalt, minor Andesite

OOTSA LAKE GROUP

- Eos — Lahar, sandstone, siltstone (plant fossils), minor matrix supported conglomerate
- Eodt — Vitreous, light green, fine grained dacite tuff locally with white silica spherules
- Eot — Maroon lapilli tuff, local fine grained tuff
- Eod — Green dacite flows and flow breccias, locally vitreous
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UPPER CRETACEOUS
KASALKA GROUP

- uKs — Red matrix supported polymictic conglomerate
- uKt — Grey-green fine grained tuff with minor lapilli tuff
- uKv — Grey-green fine grained, siliceous porphyritic andesite

SYMBOLS

- Outcrop
- Flow banding (inclined)
- Ice direction
- Shearing (vertical)
- Geological contact (approximate)
- Fault (approximate)
- × GUS — Mineral showing
- Mercury ppb / Arsenic ppm / Silver ppb / Gold ppb / Rock sample number / Rock sample site
- Roads (main, secondary)
- Elevation contour (contour interval 100ft)
- Lake, creek

GEOLOGICAL BRANCH
ASSESSMENT REPORT

UTM Coordinates

24,265

0 200 400 600 800
SCALE IN METRES

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PHELPS DODGE CORP. OF CANADA LIMITED

PROJECT NO.: 249 (YELLOW MOOSE PROPERTY) — OMENICA MINING DIVISION

ROCK SAMPLE LOCATION MAP and ROCK GEOCHEMICAL RESULTS

SCALE	DATE	BY	NTS NO.	FIGURE
1:10000	JAN/96	CWP	93 F/6,11	5

FOX GEOLOGICAL SERVICES INC.

4

CLAIM BOUNDARY

EMMETT LAKE

ARROW LAKE

YELLOW MOOSE LAKE

EAST GRID

WEST GRID

ARROW

GUS

IPA

ARGUS

PETER

3570000E
5932000N
5927000N
3640000E
53°30'
7°25'05"

LEGEND

EOCENE
ENDAKO GROUP

- Eet — Andesite, Tuff
- Eeb — Basalt, minor Andesite

OOTSA LAKE GROUP

- Eos — Lahar, sandstone, siltstone (plant fossils), minor matrix supported conglomerate
- Eodt — Vitreous, light green, fine grained dacite tuff locally with white silica spherules
- Eot — Maroon lapilli tuff, local fine grained tuff
- Eod — Green dacite flows and flow breccias, locally vitreous
- Eor — Maroon feldspar+/- quartz phyric rhyolite, local flow breccias

UPPER CRETACEOUS
KASALKA GROUP

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- uKv — Grey-green fine grained, siliceous porphyritic andesite

SYMBOLS

- Outcrop
- Geological contact (approximate)
- Fault (approximate)
- GUS — Mineral showing
- Outline of airborne high resistivity anomaly
- Baseline or tieline
- Gold value ppb
- Gridline station and soil sample site
- Gridline number
- Contour of gold values (ppb) in soils
- Roads (main, secondary)
- Elevation contour (contour interval 100ft)
- Lake, creek
- UTM Coordinates

0 200 400 600 800
SCALE IN METRES

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PHELPS DODGE CORP. OF CANADA LIMITED

PROJECT NO.: 249 (YELLOW MOOSE PROPERTY) OMENICA MINING DIVISION

SOIL GEOCHEMICAL RESULTS
GOLD ppb

SCALE	DATE	BY	NTS NO.	FIGURE
1:10000	JAN/96	CWP	93 F/6,11	6

FOX GEOLOGICAL SERVICES INC.