GEOLOGICAL AND GEOCHEMICAL REPORT

on the

MOREHEAD PROPERTY
Morehead 1, 2, and 3, Cariboo Mining Division
British Columbia

NTS 93A/12
52° 33' North Latitude
121° 45' West Longitude

by
Greg Kulla, B.Sc, P. Geo.
PHELPS DODGE CORPORATION OF CANADA, LIMITED
#1409 - 409 Granville Street
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Work paid for by
PHELPS DODGE CORPORATION OF CANADA, LIMITED

August 21, 2001

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SUMMARY

Prospecting and mapping results from a 2000 work program by Phelps Dodge on the Morehead claims indicates the property straddles the Triassic-Jurassic boundary within Nicola Group rocks in the central Quesnel trough. Thirteen chalcocite and/or malachite bearing basalt, greywacke and limestone samples collected over a six by three kilometre region returned from 0.1% to 1.0% copper. Analysis of soil samples collected within a portion of this region returned low copper values.

Additional prospecting and detailed soil sampling and till profiling is warranted.

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INTRODUCTION

This report describes a geologic mapping and geochemical sampling program conducted on the Morehead property by Phelps Dodge between May 31 and June 23, 2000. A work program of rock and soil sampling and geologic mapping on the property was truck-supported and staged from Williams Lake. Results of this work are presented herein and recommendations for further work are made.

LOCATION AND ACCESS

The Morehead property is centred at 52° 33' north and 121° 45' west, 60 kilometers northeast of Williams Lake. The property is within the Cariboo Mining Division and is less than 10 kilometres from the Mount Polley Mine. The claims share a common LCP situated at the north east end of Jacobie Lake and are accessible via a network of paved and unpaved roads from 150 Mile House on Highway 97 (Figure 1). A mature forest of conifers and deciduous trees covers the hills, valleys and low mountains of this region.

CLAIM INFORMATION

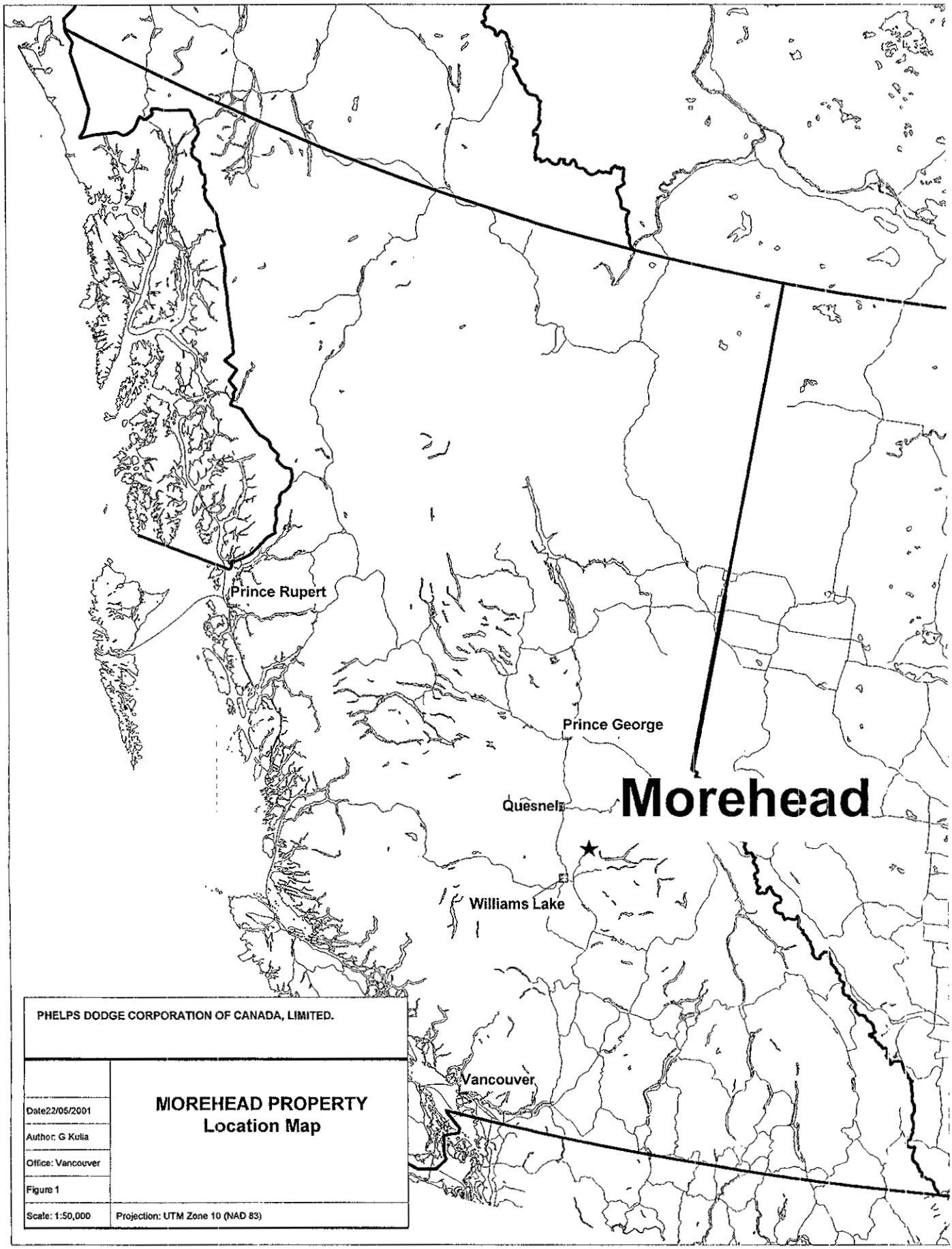
The Morehead property consists of three 4-post mineral claims within the Cariboo Mining Division and is located on NTS map sheet 93A12. Pertinent claim data is tabulated below in Table I and the claims are shown in Figure 2. Expiry dates shown are contingent upon the work described herein being accepted for assessment.

Table I – Claim List

Claim Name	Record Number	Units	Expiry date
Morehead 1	377494	20	May 30, 2003
Morehead 2	377495	20	May 30, 2003
Morehead 3	377496	20	May 30, 2003

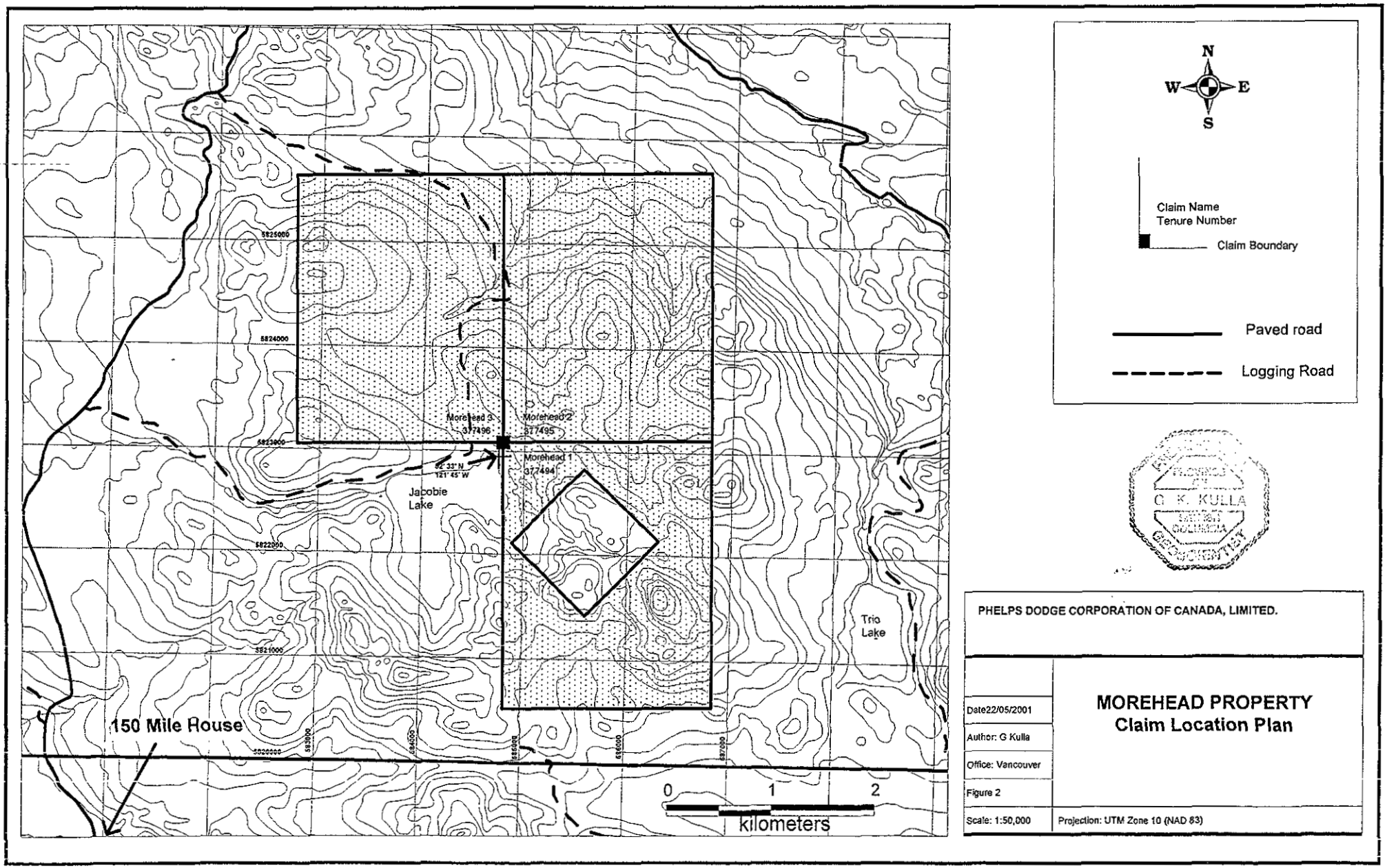
HISTORY

The British Columbia Minfile database indicates several copper mineral occurrences located immediately to the northwest and southeast of the property including the B occurrence, Minfile number 94A 066 which is surrounded but not included in the Morehead 1 claim. Twenty-eight assessment reports in the ARIS database indicate previous prospecting, sampling and drilling within a five-kilometre radius from the central Morehead claim area between 1966 and 1999. Phelps Dodge staked the Morehead claims in 1999.



PHELPS DODGE CORPORATION OF CANADA, LIMITED.

Date22/05/2001	**MOREHEAD PROPERTY** **Location Map**
Author: G Kulla	
Office: Vancouver	
Figure 1	
Scale: 1:50,000	Projection: UTM Zone 10 (NAD 83)



PHELPS DODGE CORPORATION OF CANADA, LIMITED.

	MOREHEAD PROPERTY **Claim Location Plan**
Date22/05/2001	
Author: G Kulla	
Office: Vancouver	
Figure 2	
Scale: 1:50,000	Projection: UTM Zone 10 (NAD 83)

REGIONAL GEOLOGY

BCGS Bulletin 97 shows the Morehead claims are situated within the central Quesnel trough and are underlain by northeast-dipping sedimentary and mafic and felsic volcanic rocks of upper Triassic to lower Jurassic age. These rocks are intruded by Jurassic alkalic intrusions and the whole sedimentary-volcanic assemblage is correlated with the Nicola Group. Mount Polly, an alkalic copper-gold porphyry deposit, lies seven kilometres to the southeast.

2000 WORK PROGRAM

A geochemical sampling and geologic mapping program was completed on the Morehead property between May 30 and June 24, 2000. Work was truck-supported and was staged from Williams Lake. A three-person crew collected 131 soil samples and 11 bedrock and float samples within the claim area. An additional 22 rock and 12 soil samples were collected outside the claim area. Soil sampling consisted of a one-kilometre long line of conventional sampling at 50-metre intervals and 51 geochemical profile pits where one to three soil samples were collected at each pit at depths ranging from 10 to 75 cm. A cursory geologic map was also prepared during sample collection. All samples were tagged with a unique number and shipped to Acme Analytical Labs in Vancouver where the samples were analyzed for 35 elements by ICP-MS methods. Summary fields notes and select geochemical results for all rocks and soils collected by Phelps Dodge in 2000 are given in Appendix I and complete analytical results for samples collected in 2000 are given in Appendix II. Property geology is shown in Figure 3, soil sample locations with select geochemical results are shown in Figure 4 and rock sample locations with select geochemical results are shown in Figure 5.

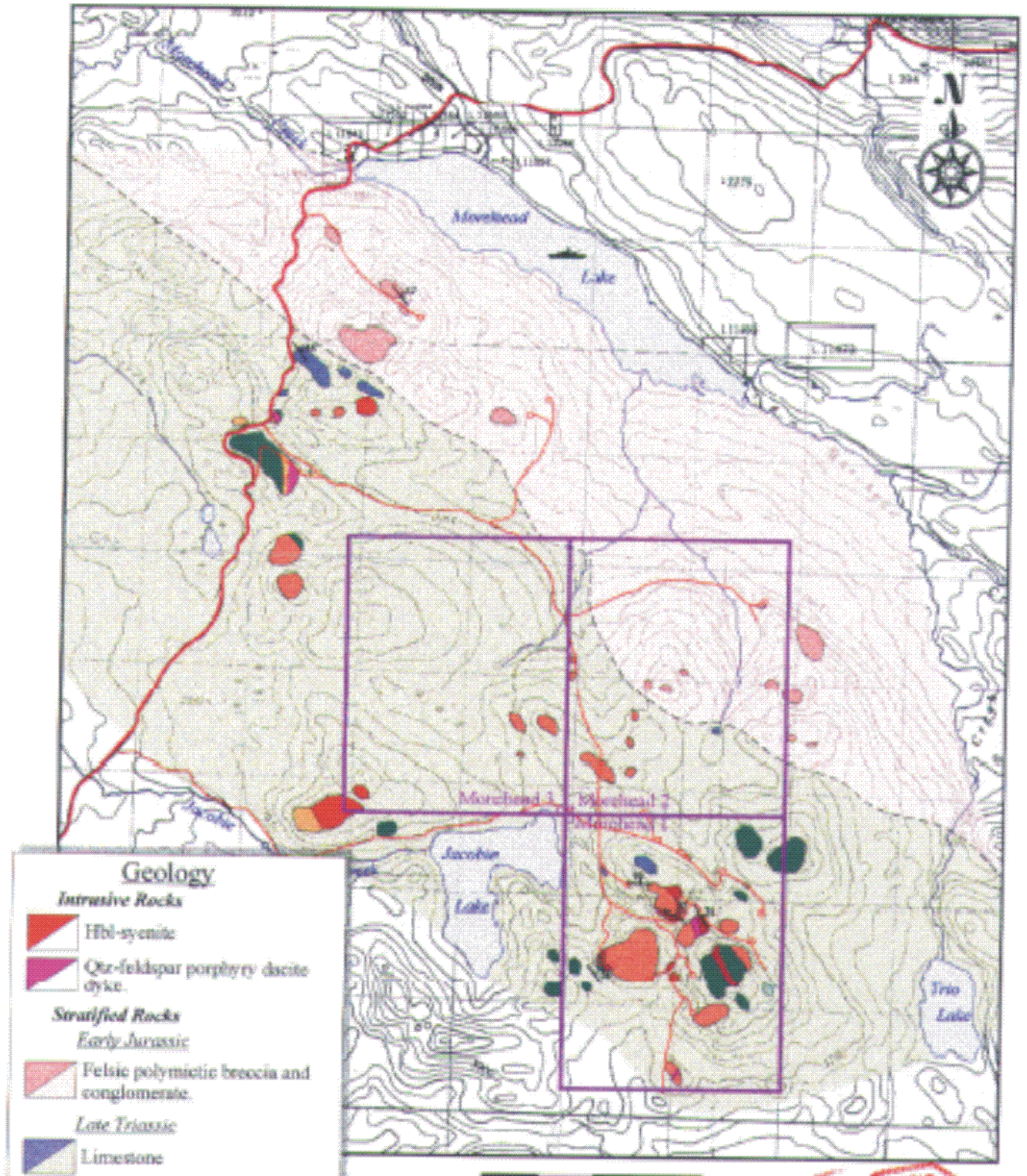
RESULTS

Property Geology

Cursory outcrop mapping by Phelps Dodge (Figure 3) indicates the claims are underlain predominantly by east-dipping green and maroon basalt and greywacke locally intruded by small hornblende syenite stocks and quartz, feldspar porphyry dacite dykes. The northeast corner of the Morehead 2 is underlain by felsic polymictic breccia and conglomerate.

Soil Samples

Analytical results from soil sampling indicate copper ranges from 8 to 269ppm, silver from 14 to 548ppb, arsenic from 2.4 to 18.7ppm and gold from 1 to 173ppb. Most pit profiles showed a slight increase in copper content with depth but no other geochemical vector is recognised.



Geology

Intrusive Rocks

- Hbl-syenite
- Qtz-feldspar porphyry dacite dyke.

Stratified Rocks

Early Jurassic

- Felsic polymictic breccia and conglomerate.

Late Triassic

- Limestone
- Green basalt: amygdaloidal flows and monomictic breccias.
- Green greywacke: medium to fine grained with calcite cement.
- Maroon basalt: flows and monomictic breccias (light-altered).
- Maroon greywacke: medium to fine grained.

Map Symbols

- Bedding (strike and dip)
- Area of outcrop
- Claim boundary
- Paved highway
- Gravel road (circles = landings)
- Creeks and lake shores
- UTM grid (NAD 27, Zone 10)

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
G. K. KULLA

Rock Samples

Analytical results from rock sampling returned copper values ranging from 3 to 10,968ppm, with thirteen samples containing greater than 0.1% copper and three samples containing greater than 0.5% copper. Silver ranges from 5 to 5119ppb, arsenic from 0.9 to 89.5ppm and gold from 1 to 349ppb. Eleven of the thirteen samples returning greater than 0.1% copper are from bedrock and include grey, green and maroon greywacke, limestone and basalt and basalt tuff. Malachite and/or chalcocite were noted on all thirteen samples.

CONCLUSIONS AND RECOMMENDATIONS

Outcrop mapping by Phelps Dodge on the Morehead claims indicates the property straddles a Triassic-Jurassic boundary as indicated in BCGS Bulletin 97. The volcanic and sedimentary rocks underlying most of the property probably correlate with upper Triassic Nicola Group rocks and the felsic volcanic rocks underlying the northeast corner of the property probably correlate with lower Jurassic Nicola Group rocks. Analysis of soils indicate that copper content increases with depth in the pits but overall the soil sampling results were low. Bedrock and float sampling indicates copper occurs as chalcocite and malachite in volcanic and sedimentary rocks over an area some six by three kilometres and analysis of these samples returned copper up to 1% indicating economic copper grades exist in the region.

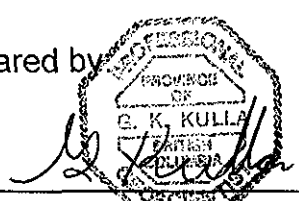
Till profiling and detailed soil sampling on other regions of the claim is still warranted and a geophysical IP survey is recommended to delineated any sulphide-bearing horizons.

DISBURSEMENTS

Expenditures for the 2000 Morehead work program totaled $13,921of which $13,500 was applied to assessment as tabulated below.

Laboratory			
11 rocks @ $19.00 per sample		$209	
131 soils @ $17.00 per sample		2,227	$ 2,436
Transportation			
4X4 truck 11 days @ $75 per day			825
Communications			350
Field Supplies			500
Labour			
Stephen Wetherup – geologist	9 days @ $250/day	2,250	
Larry Poznikoff – geologist	9 days @ $250/day	2,250	
Ted Archibald – prospector	9 days @ $250/day	2,250	6,750
Accommodation and Board			
27 person days @ $80/day			2,160
Report Writing			900
Total			**$13,921**

Prepared by



Greg Kulla (B.Sc., P. Geo.)
August 21, 2001

CERTIFICATE

I, Greg Kulla certify to the following:

1. I am a geologist employed by Phelps Dodge Corporation of Canada Limited, 1409-409 Granville Street, Vancouver, BC.

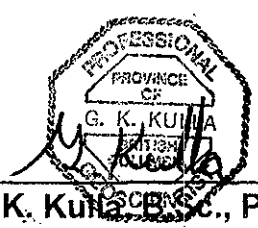
2. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia.

3. My academic qualifications are:

   B.Sc. Geology, University of British Columbia

4. I have been engaged in geological work since graduation in 1988.

5. I supervised the work program reported herein and am the author of this report.



Greg K. Kulla, B.Sc., P. Geo.
Vancouver, B.C.
August 21, 2001

APPENDIX I

Field Notes and Selected Geochemical Results
For Samples

Phelps Dodge Corporation of Canada, Limited
Morehead Property
Select Field Notes and Geochemical Results

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	Cu ppm	Co ppm	AG ppb	AS ppm	Hg ppm
	75571	GRAB	25/05/2000			585856	5822287	GREYISH GREEN GREYWACKE WITH MALACHITE STAINING	1349.1	26	652	7	90
	75572	GRAB	01/06/2000			585256	5821807	MAROON BASALTIC TUFF	10968	20	5119	2.4	1110
	75573	GRAB	01/06/2000			586166	5821967	MALACHITE ALONG FRACTURE IN BASALTIC BRECCIA	497	26	259	2.7	22
	75574	GRAB	01/06/2000			586386	5821927	MALACHITE ALONG FRACTURE IN MAROON SANDSTONE	554.6	32	245	4.4	140
	75575	GRAB	01/06/2000			586406	5821987	CHALCOCITE/MALACHITE VEIN IN FRAGMENTAL BASALT	310.9	38	97	17.7	25
	75576	GRAB	01/06/2000			586412	5821987	FELDSPAR PORPHYRY ANDESITE WITH MALACHITE STAINING	257.8	26	92	12.1	31
	75577	GRAB	02/06/2000			582056	5826077	MAROON SANDSTONE WITH CALCITE/MALACHITE VEIN	2566.2	20	878	2	32
	75578	GRAB	02/06/2000			582006	5826117	Px BASALT WITH MALACHITE STAINING ALONG FRACTURES	1049.2	23	126	16	27
	75579	GRAB	03/06/2000			586536	5822367	GREEN BASALTIC TUFF/GREYWACKE WITH A MALACHITE STA	507.5	32	192	3.7	39
	75583	GRAB	08/06/2000			581946	5825907	AMYGDULOIDAL BASALT WITH CHALCOCITE AND MALACHITE	2507	34	806	1.8	98
	76111	GRAB	24/06/2000			583436	5825657	SILICIFIED AND BRECCIATED MAROON BASALT	19.1	21	22	21.4	6
	76200	GRAB	29/05/2000			583006	5873087	QTZ VEINS IN SYENITE	14.2	5	24	2.7	3237
	76201	GRAB	31/05/2000			586346	5821622	MINOR MALACHITE IN MAROON BASALT	2721.9	30	1770	1.5	49
	76202	GRAB	03/06/2000			584436	5823497	EPIDOTE ALTERED ANDESITE OR BASALT	67.1	35	16	6.3	42
	76207	GRAB	08/06/2000			582166	5826707	MALACHITE WITHIN 1.5M BRECCIA LAYER IN LIMESTONE U	9186	4	1229	17.6	300
	76208	GRAB	09/06/2000			581946	5824957	ALTERED BASALT(?) WITH CARBONATE AND HEMATITE VEIN	15.4	18	32	12.1	1953
	76209	GRAB	09/06/2000			582281	5825122	MINOR MALACHITE IN MAROON GREYWACKE	3767.6	15	415	3.3	400
	76210	GRAB	09/06/2000			582291	5825117	MALACHITE ALONG CHALCOCITE(?) VEINLET IN MAROON GR	1933.3	22	609	3.8	495
	76211	GRAB	09/06/2000			582306	5825107	RUSTY MAROON CLASTIC GREYWACKE WITH A 2mm CHALCOCI	1329.9	18	741	4	294
	76212	GRAB	09/06/2000			582376	5825257	UP TO 8% CHALCOCITE IN VEINLETS AND PODS WITHIN GR	4989.1	18	1409	28.5	731
	76229	GRAB	22/06/2000			586956	5823329	MALACHITE =/- CHALCOCITE IN BASALT	2046.1	38	1146	12.6	290
	76300	GRAB	31/05/2000			585066	5820877	MAROON BASALT WITH MINOR MALACHITE/AZURITE STAININ	6265.6	33	1717	3.3	469
	76301	GRAB	31/05/2000			585756	5820757	EPIDOTE/CALCITE ALTERED GREY BASALT IN O/C OF FRAG	45.9	25	5	2.6	76
	76302	GRAB	31/05/2000			585836	5821027	VOLCANIC BRECCIA	84	23	54	0.9	78
	76303	GRAB	01/06/2000			585666	5822277	260/08 DEG BED OF SANDSTONE BETWEEN MAROON BASALTS	122.8	31	78	3.4	52
	76304	GRAB	01/06/2000			585666	5822277	SAME LOC. AS 76303, Fe-CARBONATE DYKE?	50.1	30	27	3.3	58
	76305	GRAB	01/06/2000			585851	5822270	CALCAREOUS MAROON BASALT	65.2	31	29	4.4	42
	76306	GRAB	01/06/2000			585686	5822487	BRECCIATED UNMINERALIZED LIMESTONE	5	20	5	2.2	29
	76307	GRAB	01/06/2000			585620	5822503	VOLCANIC BRECCIA FROM RIDGE TRENDING 350 DEG	13.5	22	8	2.7	20
	76308	GRAB	02/06/2000			585576	5822532	MAROON BASALT WITH CALCITE STRINGERS	4.2	26	9	8.5	32
	76309	GRAB	02/06/2000			585576	5822532	FELDSPAR PHYRIC BASALT WITH TRACE MALACHITE STAINI	525.5	20	54	5.8	50
	76310	GRAB	02/06/2000			585516	5822547	LIMESTONE BRECCIA	3.1	23	6	4.5	10
	76311	GRAB	02/06/2000			585381	5822492	VERY SILICIOUS LIMESTONE/VOLCANIC BRECCIA	3.2	21	11	2.8	
	76312	GRAB	03/06/2000			582590	5822665	CALCAREOUS BASALT WITH CALCITE STRINGERS	59.7	30	29	1.5	70
	76313	GRAB	03/06/2000			582703	5822686	SIDERITE VEIN 15cm WIDE WITH TRACE GALENA	204.1	30	232	7	1692
	76314	GRAB	03/06/2000			582703	5822686	SAME LOC. AS 76313, MOSTLY VOLCANIC WITH STRINGERS	61.7	23	32	2.6	214
	76315	GRAB	03/06/2000			582726	5822752	SIDERITE VEIN WITH DISSEM. PYRRHOTITE AND TRACE MA	701.4	37	1149	89.5	2136
	76316	GRAB	03/06/2000			582766	5823032	FELDSPAR PHYRIC BASALT WITH BLEBS/STRINGERS OF CAL	47.9	30	21	3.6	45
	76317	GRAB	03/06/2000			582508	5822845	ANGULAR EPITHERMAL LOOKING QTZ NEAR BASALTIC SUBCR	18.3	12	18	2.5	463
	76318	GRAB	09/06/2000			582831	5824587		92.5	12	28	4.3	28
	76100	SOIL	23/06/2000			583206	5825157	LINE A	36.8	14	59	5.8	38
	76101	SOIL	23/06/2000			583226	5825202	LINE A	16.4	8	83	3.7	43
	76102	SOIL	23/06/2000			583246	5825247	LINE A, VERY ROCKY TILL ON A SMALL RIDGE	28.2	11	91	4.9	39
	76103	SOIL	23/06/2000			583266	5825292	LINE A, ROCKY WITH CLAY LAYER?	71.3	24	259	6.9	81
	76104	SOIL	23/06/2000			583286	5825337	LINE A, CLAIM LINE 20M PAST THIS STATION	19	9	123	2.4	37

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	Cu ppm	Co ppm	AG ppb	AS ppm	Hg ppm
	76105	SOIL	23/06/2000			583306	5825382	LINE A	25.3	8	82	3.5	49
	76106	SOIL	23/06/2000			583326	5825427	LINE A	23.9	8	101	3.4	35
	76107	SOIL	23/06/2000			583346	5825472	LINE A	24.8	8	50	2.7	28
	76108	SOIL	23/06/2000			583366	5825517	LINE A	27.6	10	48	4.3	34
	76109	SOIL	23/06/2000			583386	5825562	LINE A	22.9	8	74	3.9	45
	76110	SOIL	23/06/2000			583406	5825607	LINE A, TOUGH TO FIND SOIL UNDER THICK ORGANIC LAY	35	10	70	4.8	61
	76230	SOIL	23/06/2000			585436	5823557	LINE I PIT-1, 20M S OF FELSIC BRECCIA O/C, SAMPLE	76.4	15	24	8.5	112
	76231	SOIL	23/06/2000			585436	5823557	LINE I PIT-1, FROM 40cm	68.5	15	33	7.1	60
	76232	SOIL	23/06/2000			585436	5823557	LINE I PIT-1, FROM B-HORIZON AT 10cm	27.7	10	89	4	53
	76233	SOIL	23/06/2000			585441	5823507	LINE I PIT-2, 50M S. OF PIT-1, FROM GRAVELLY BOTTO	47.3	11	55	5.4	53
	76234	SOIL	23/06/2000			585441	5823507	LINE I PIT-2, FROM 10cm	49.7	12	47	3.8	39
	76235	SOIL	23/06/2000			585451	5823452	LINE I PIT-3, 100M S OF PIT-1, FROM 55cm	83.8	18	28	7.9	99
	76236	SOIL	23/06/2000			585451	5823452	LINE I PIT-3, FROM B-HORIZON AT 15cm	45	14	104	3.7	33
	76237	SOIL	23/06/2000			585461	5823397	LINE I PIT-4, 150M S OF PIT-1, B-HORIZON, ANGULAR	26.3	12	73	6.3	63
	76238	SOIL	23/06/2000			585286	5823470	LINE H PIT-1, FROM 35cm	34	12	51	5.8	63
	76239	SOIL	23/06/2000			585286	5823470	LINE H PIT-1, FROM B-HORIZON AT 10cm	30.3	12	48	5.7	59
	76240	SOIL	23/06/2000			585281	5823522	LINE H PIT-2, 50M N OFPIT-1, 15M S OF ROAD, SAMPLE	42.5	10	27	8.8	46
	76241	SOIL	23/06/2000			585281	5823522	LINE H PIT-2, FROM 35-40cm	43.3	12	49	10	48
	76242	SOIL	23/06/2000			585281	5823522	LINE H PIT-2, FROM 20cm	26.8	9	100	6.7	41
	76243	SOIL	23/06/2000			585291	5823567	LINE H PIT-3, 15M W OF ROAD, 100M N OF PIT-1, TILL	37.3	13	105	5.8	57
	76244	SOIL	23/06/2000			585291	5823567	LINE H PIT-3, FROM 40cm, BELOW CHARCOAL LAYER. OLD	38.7	14	91	6.4	61
	76245	SOIL	23/06/2000			585291	5823567	LINE H PIT-3, FROM 20cm	37.3	12	80	6.2	62
	76246	SOIL	23/06/2000			585612	5823567	LINE J PIT-1, FROM 72cm	83.6	15	50	10.6	79
	76247	SOIL	23/06/2000			585612	5823567	LINE J PIT-1, FROM 45cm	54.2	14	29	8.7	42
	76248	SOIL	23/06/2000			585612	5823567	LINE J PIT-1, FROM 15-20cm	25.3	10	133	6.2	35
	76249	SOIL	23/06/2000			585606	5823517	LINE J PIT-2, 50M S OF PIT-1, SEEP AREA	50.9	12	45	5	42
	76250	SOIL	23/06/2000			585606	5823467	LINE J PIT-3, 100M S OF PIT-1, FROM 55cm	43.2	10	28	5.9	72
	76251	SOIL	23/06/2000			585606	5823467	LINE J PIT-3, FROM B-HORIZON AT 20cm	33.1	12	67	4.9	80
	76252	SOIL	23/06/2000			585596	5823417	LINE J PIT-4, 150M S OF PIT-1, FROM SANDY LAYER AT	85.4	17	43	9.8	158
	76253	SOIL	23/06/2000			585596	5823417	LINE J PIT-4, FROM GRAVEL AT 45cm	54.3	11	33	7.9	83
	76254	SOIL	23/06/2000			585596	5823417	LINE J PIT-4, B-HORIZON AT 15-20cm	26.4	9	28	4	42
	76255	SOIL	23/06/2000			585591	5823367	LINE J PIT-5, 200M S OF PIT-1, FROM 70cm	73.8	15	28	9.6	107
	76256	SOIL	23/06/2000			585591	5823367	LINE J PIT-5, FROM 35-45cm	38.4	11	41	6	43
	76257	SOIL	23/06/2000			585591	5823367	LINE J PIT-5, FROM B-HORIZON AT 15-20cm	23.9	10	55	2.8	24
	76258	SOIL	23/06/2000			585586	5823302	LINE J PIT-6, 265M S OF PIT-1, FROM GRAVELLY BOTTO	67.9	19	78	7	68
	76259	SOIL	23/06/2000			585586	5823302	LINE J PIT-6, FROM 25-30cm	48.1	13	94	4.5	43
	76260	SOIL	23/06/2000			585291	5823617	LINE H PIT-4, 200M N OF PIT-1, FROM 45cm	41.7	12	61	6.6	93
	76261	SOIL	23/06/2000			585291	5823617	LINE H PIT-4, FROM 20-25cm DEPTH	53.4	15	151	6.8	66
	76262	SOIL	24/06/2000			584681	5823797	LINE B PIT-1, FROM 40cm	48.2	15	47	7.1	40
	76263	SOIL	24/06/2000			584681	5823797	LINE B PIT-1, FROM 20cm	42.3	13	41	7	42
	76264	SOIL	24/06/2000			584681	5823797	LINE B PIT-1, FROM 10cm	17.8	8	88	3	44
	76265	SOIL	24/06/2000			584696	5823848	LINE B PIT-2, 50M 020 AZ FROM PIT-1, FROM 50cm	62.5	20	25	8.5	47
	76266	SOIL	24/06/2000			584696	5823848	LINE B PIT-2, FROM 20cm	53.5	15	31	7.9	44
	76267	SOIL	24/06/2000			584712	5823899	LINE B PIT-3, 100M FROM PIT-1, FROM CLAY AND PEBBL	59.1	15	30	9.2	93
	76268	SOIL	24/06/2000			584712	5823899	LINE B PIT-3, FROM 20cm	25.1	9	41	5.1	28
	76269	SOIL	24/06/2000			584727	5823950	LINE B PIT-4, 150M FROM PIT-1, FROM 40cm	52.7	13	33	8.7	74
	76270	SOIL	24/06/2000			584727	5823950	LINE B PIT-4, FROM 20cm	33.3	13	56	5.1	39
	76271	SOIL	24/06/2000			584743	5824000	LINE B PIT-5, 200M FROM PIT-1, BROWN-ORANGE SAND F	86	17	42	11.2	128
	76272	SOIL	24/06/2000			584743	5824000	LINE B PIT-5, GRAVELLY TILL FROM 20cm	45.9	12	103	5.8	54
	76273	SOIL	24/06/2000			584758	5824051	LINE B PIT-6, 250M FROM PIT-1, MUDDY CLAY AND PEBB	32.8	10	20	6.3	30
	76274	SOIL	24/06/2000			584758	5824051	LINE B PIT-6, FROM 20cm	23.4	8	50	3	27
	76275	SOIL	24/06/2000			584774	5824102	LINE B PIT-7, 300M FROM PIT-1, FROM 50cm, TILL BOU	37.7	10	20	6.2	42

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	Cu ppm	Co ppm	AG ppb	AS ppm	Hg ppm
	76276	SOIL	24/06/2000			584774	5824102	LINE B PIT-7, FROM 20cm	34.6	12	46	4.1	49
	76277	SOIL	24/06/2000			584789	5824153	LINE B PIT-8, 350M FROM PIT-1, GREY CLAY FROM 70cm	41.8	10	25	5.8	47
	76278	SOIL	24/06/2000			584789	5824153	LINE B PIT-8, FROM 35cm	38.6	13	74	5.9	44
	76279	SOIL	24/06/2000			584789	5824153	LINE B PIT-8, B-HORIZON FROM 15cm	21.7	8	87	2.7	33
	76280	SOIL	24/06/2000			584804	5824204	LINE B PIT-9, 400M FROM PIT-1, GREY CLAY FROM BOTT	35.8	11	30	7	54
	76281	SOIL	24/06/2000			584804	5824204	LINE B PIT-9, B-HORIZON	28.9	9	83	4.5	45
	76282	SOIL	24/06/2000			584820	5824255	LINE B PIT-10, 450M FROM PIT-1, ORANGE-BROWN SAND	79.6	19	39	9.4	128
	76283	SOIL	24/06/2000			584820	5824255	LINE B PIT-10, FROM 35cm	47	17	36	8.1	67
	76284	SOIL	24/06/2000			584820	5824255	LINE B PIT-10, FROM B-HORIZON AT 20cm	15.9	8	43	2.5	29
	76285	SOIL	24/06/2000			584835	5824305	LINE B PIT-11, 500M FROM PIT-1, BROWN TILL FROM 55	94.3	18	57	10.9	132
	76286	SOIL	24/06/2000			584835	5824305	LINE B PIT-11, B-HORIZON FROM 20cm	36.9	12	128	4.3	79
	76287	SOIL	24/06/2000			584851	5824356	LINE B PIT-12, 550M FROM PIT-1, SANDY TILL FROM 45	78.9	19	56	7.8	153
	76288	SOIL	24/06/2000			584851	5824356	LINE B PIT-12, B-HORIZON FROM 20cm	40.2	16	31	4.4	34
	76289	SOIL	24/06/2000			584866	5824407	LINE B PIT-13, 600M 020 AZ FROM PIT-1, B-HORIZON 5	34.1	10	120	8.2	58
	76328	SOIL	21/06/2000			585756	5823757	LINE E PIT-1, GREY HARDPAN MATERIAL FROM BOTTOM OF	35.8	11	15	8.3	76
	76329	SOIL	21/06/2000			585756	5823757	LINE E PIT-1, LIGHT BEIGE LAYER BETWEEN GREY HORIZ	33.1	11	21	8	48
	76330	SOIL	21/06/2000			585756	5823757	LINE E PIT-1, FROM 25cm	20.3	9	95	6.9	70
	76331	SOIL	21/06/2000			585756	5823757	LINE E PIT-1, B-HORIZON JUST BELOW TOPSOIL	18.3	8	113	6	67
	76332	SOIL	21/06/2000			585851	5823852	LINE E PIT-2, 155M 030 AZ FROM PIT-1, MUDDY SAMPLE	87	13	34	10.4	187
	76333	SOIL	21/06/2000			585851	5823852	LINE E PIT-2, FROM 25cm	52	10	37	6.3	80
	76334	SOIL	21/06/2000			585851	5823852	LINE E PIT-2, B-HORIZON BELOW TOPSOIL	27.5	9	51	4.3	48
	76335	SOIL	21/06/2000			585946	5823947	LINE E PIT-3, 100M 030 AZ FROM PIT-1, FROM HARDPAN	95.8	14	22	12.2	176
	76336	SOIL	21/06/2000			585946	5823947	LINE E PIT-3, FROM 25cm	69.9	12	16	10.3	120
	76337	SOIL	21/06/2000			585946	5823947	LINE E PIT-3, B-HORIZON BELOW TOP SOIL	47.9	10	78	6.8	60
	76338	SOIL	21/06/2000			585666	5824047	LINE D PIT-1, MAROON TUFF NEARBY, SAMPLE FROM 55cm	50.1	11	14	10	91
	76339	SOIL	21/06/2000			585666	5824047	LINE D PIT-1, FROM 35cm	25.4	11	26	6.2	34
	76340	SOIL	21/06/2000			585666	5824047	LINE D PIT-1, B-HORIZON FROM BELOW TOPSOIL	31.8	10	24	6	20
	76341	SOIL	21/06/2000			585584	5823964	LINE D PIT-2, 100M 210 AZ FROM PIT-2, LIGHT BROWN	72.1	14	27	9.6	166
	76342	SOIL	21/06/2000			585584	5823964	LINE D PIT-2, FROM 30cm	40.6	10	18	7.3	52
	76343	SOIL	21/06/2000			585584	5823964	LINE D PIT-2, B-HORIZON BELOW TOPSOIL	37.4	11	76	6.1	73
	76344	SOIL	21/06/2000			585556	5823882	LINE D PIT-3, 200M 310 AZ FROM PIT-1, SAMPLE FROM	108.5	18	91	9.7	133
	76345	SOIL	21/06/2000			585556	5823882	LINE D PIT-3, FROM 20cm	73.5	17	91	7.9	98
	76346	SOIL	21/06/2000			585556	5823882	LINE D PIT-3, B-HORIZON BELOW TOPSOIL	25.4	9	124	5.3	56
	76347	SOIL	21/06/2000			585376	5823957	LINE C PIT-1, WET SAMPLE FROM BOTTOM OF 40cm HOLE	44.1	12	30	8	76
	76348	SOIL	21/06/2000			585376	5823957	LINE C PIT-1, FROM 20cm	39.8	12	59	6.9	48
	76349	SOIL	21/06/2000			585376	5823957	LINE C PIT-1, B-HORIZON BELOW TOPSOIL	35.8	11	192	4.4	24
	76350	SOIL	21/06/2000			585461	5824042	LINE C PIT-2, 100M 030 AZ FROM PIT-1, THIS SAMPLE	43.4	11	24	8.9	117
	76351	SOIL	21/06/2000			585461	5824042	LINE C PIT-2, FROM 25cm	37.2	11	67	7.6	95
	76352	SOIL	21/06/2000			585461	5824042	LINE C PIT-2, FROM B-HORIZON	37	11	106	7.7	77
	76353	SOIL	21/06/2000			585466	5824127	LINE C PIT-3, 200M 030 AZ FROM PIT-1, FROM 50cm	57.1	13	44	7.1	80
	76354	SOIL	21/06/2000			585466	5824127	LINE C PIT-3, B-HORIZON FROM 15cm	34.3	10	40	4.9	48
	76355	SOIL	22/06/2000			586986	5823587	LINE G PIT-1, FROM 65cm	50.6	10	25	7.6	57
	76356	SOIL	22/06/2000			586986	5823587	LINE G PIT-1, FROM 35cm	43.2	10	43	6.9	54
	76357	SOIL	22/06/2000			586986	5823587	LINE G PIT-1, B-HORIZON	23.6	12	107	4.7	29
	76358	SOIL	22/06/2000			586933	5823534	LINE G PIT-2, 50M SOUTH OF PIT-1, FROM 35cm, VERY	27.2	18	100	3.8	32
	76359	SOIL	22/06/2000			586933	5823534	LINE G PIT-2, FROM 20cm, JUST BELOW ROOTS	16	10	110	3.4	31
	76360	SOIL	22/06/2000			586879	5823480	LINE G PIT-3, 100M SOUTH OF PIT-1, SANDY LAYER AT	77	14	46	11.4	151
	76361	SOIL	22/06/2000			586879	5823480	LINE G PIT-3, FROM 25cm, BELOW THICK ORGANIC LAYER	34.4	13	17	8.3	34
	76362	SOIL	22/06/2000			586826	5823427	LINE G PIT-4, 160M SOUTH OF PIT-1, BROWN MUDDY CLA	55.7	20	88	8.8	102
	76363	SOIL	22/06/2000			586826	5823427	LINE G PIT-4, GREY MUDDY CLAY ABOVE BROWN CLAY	166.5	28	454	16	244
	76364	SOIL	22/06/2000			586773	5823374	LINE G PIT-5, 220M SOUTH OF PIT-1, FROM 45cm	53.8	23	32	17	89
	76365	SOIL	22/06/2000			586773	5823374	LINE G PIT-5, FROM 20cm	42.5	13	33	9	64

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	Cu ppm	Co ppm	AG ppb	AS ppm	Hg ppm
	76366	SOIL	22/06/2000			586773	5823374	LINE G PIT-5, B-HORIZON	32.9	12	65	7.4	40
	76367	SOIL	22/06/2000			586719	5823320	LINE G PIT-6, 270M SOUTH OF PIT-1, FROM 40cm, MALA	56.8	14	22	11.3	63
	76368	SOIL	22/06/2000			586719	5823320	L;INE G PIT-6, FROM 20cm	41.6	12	21	8.8	47
	76369	SOIL	22/06/2000			586719	5823320	LINE G PIT-6, B-HORIZON	20.1	11	90	4.8	32
	76370	SOIL	22/06/2000			586996	5823267	LINE G PIT-7, 320M SOUTH PIT-1, FROM 45cm, BASALT	41.6	11	30	6.3	73
	76371	SOIL	22/06/2000			586996	5823267	LINE G PIT-7, FROM 25cm	38	12	32	6	46
	76372	SOIL	22/06/2000			586996	5823267	LINE G PIT-7, B-HORIZON	24.2	10	100	5.3	54
	76373	SOIL	22/06/2000			586406	5823527	LINE F PIT-1, VERY SWAMPY, SAMPLE FROM MUD AT BOTT	269	30	548	15.3	285
	76374	SOIL	22/06/2000			586406	5823527	LINE F PIT-1, GREY CLAY ABOVE BROWN MUD	85	16	148	6.7	123
	76375	SOIL	22/06/2000			586433	5823554	LINE F PIT-2, 50M 060 AZ FROM PIT-1, SINGLE SAMPLE	35.2	9	43	8	89
	76376	SOIL	22/06/2000			586459	5823580	LINE F PIT-3, 100M FROM PIT-1, VERY WET, SAMPLE FR	41.8	10	44	8.6	76
	76377	SOIL	22/06/2000			586459	5823580	LINE F PIT-3, B-HORIZON	33.4	10	53	7	56
	76378	SOIL	22/06/2000			586486	5823607	LINE F PIT-4, 150M FROM PIT-1, WET ORANGE-BROWN TI	97	15	25	14.2	152
	76379	SOIL	22/06/2000			586486	5823607	LINE F PIT-4, FROM 25cm	36.5	9	30	9.7	60
	76380	SOIL	22/06/2000			586486	5823607	LINE F PIT-4, FROM B-HORIZON	34	10	50	5.3	72
	76381	SOIL	22/06/2000			586513	5823634	LINE F PIT-5, 200M FROM PIT-1, WET ROCKY TILL SAMP	43.5	12	29	8.5	51
	76382	SOIL	22/06/2000			586513	5823634	LINE F PIT-5, B-HORIZON	38.8	9	75	6.1	39
	76383	SOIL	22/06/2000			586513	5823634	LINE F PIT-6, 250M FROM PIT-1, FROM 35cm	36.6	10	47	5.9	57
	76384	SOIL	22/06/2000			586513	5823634	LINE F PIT-6, B-HORIZON	25.1	8	51	3.2	32
	76385	SOIL	22/06/2000			586539	5823660	LINE F PIT-7, 300M FROM PIT-1, WET ORANGE-BROWN SO	169.4	13	34	18.7	286
	76386	SOIL	22/06/2000			586539	5823660	LINE F PIT-7, GREY BROWN TILL FROM 25cm	38	10	18	7	122
	76387	SOIL	22/06/2000			586539	5823660	LINE F PIT-7, B-HORIZON	29.9	10	64	5.2	36
	76388	SOIL	22/06/2000			586646	5823687	LINE F PIT-8, 350M AT 060 AZ FROM PIT-1, FROM 40cm	61	12	22	9.6	79
	76389	SOIL	22/06/2000			586646	5823687	LINE F PIT-8, B-HORIZON	31.3	13	63	4.3	43
	76390	SOIL	23/06/2000			583006	5824707	LINE A START, 025 AZ FROM HILLTOP, 50M SPACING TOW	51.1	15	40	6.4	48
	76391	SOIL	23/06/2000			583026	5824752	LINE A, ROCKY TILL	32.5	13	92	5.7	41
	76392	SOIL	23/06/2000			583046	5824797	LINE A, ABOVE Fe-CARBONATE O/C WITH DYKE	31.6	14	104	4.3	41
	76393	SOIL	23/06/2000			583066	5824842	LINE A, THIN TILL LAYER ON HILLTOP	25.8	12	224	4.8	47
	76394	SOIL	23/06/2000			583086	5824887	LINE A, WET CLAY IN LOW SPOT	31.3	8	130	2.7	31
	76395	SOIL	23/06/2000			583106	5824932	LINE A	33	12	177	5.5	44
	76396	SOIL	23/06/2000			583126	5824977	LINE A	20.6	9	79	2.9	20
	76397	SOIL	23/06/2000			583146	5825022	LINE A, WEAK SOIL DEVELOPMENT ON RIDGE OF DACITIC	8	5	49	3.3	24
	76398	SOIL	23/06/2000			583166	5825067	LINE A, ANGULAR INTRUSIVE PIECES IN SOIL	47.7	23	55	6.7	31
	76399	SOIL	23/06/2000			583186	5825112	LINE A, FULL OF ANGULAR BITS OF WEATHERED ROCK	16	12	67	3.2	43

APPENDIX II
Geochemical Analysis Certificates

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 401 File # A001780 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Stephen Wetherup

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
75571	.93	1349.09	13.61	65.8	652	25.4	25.5	780	3.99	7.0	.4	2.4	1.0	109.8	.17	.40	.15	135	1.72	.251	9.5	40.6	2.32	49.3	.118	4	1.19	.040	.15	.6	4.5	<.02	<.01	90	<.1	.07	5.9
75572	.85	10968.17	11.39	67.8	5119	11.5	19.9	805	3.13	2.4	.6	4.4	1.1	91.8	.14	.08	.08	200	1.63	.174	8.5	14.3	2.21	44.0	.146	11	3.57	1.253	.13	.4	3.9	<.02	.08	1110	<.1	.03	10.8
75573	1.32	496.99	5.57	58.4	259	22.6	25.9	1128	4.35	2.7	1.0	3.0	2.0	185.9	.10	.04	.05	234	2.19	.265	14.2	25.2	2.17	210.6	.162	10	2.86	.396	.68	.4	3.3	.03	<.01	22	1.1	.05	10.7
75574	.90	554.59	9.06	96.8	245	16.9	31.7	1235	5.54	4.4	.4	4.6	1.5	104.1	.16	.11	.05	249	1.85	.267	12.3	27.1	2.08	43.4	.153	20	1.67	.024	.77	.4	6.8	.05	<.01	140	<.1	.03	9.4
75575	.62	310.86	7.85	112.5	97	19.2	37.9	1327	4.67	17.7	.3	4.7	1.7	246.2	.12	.13	.03	139	2.49	.359	15.6	36.6	2.19	39.4	.122	2	1.22	.054	.13	.5	7.8	<.02	<.01	25	<.1	.04	8.3
75576	.77	257.82	4.87	79.9	92	13.7	26.4	1222	4.68	12.1	.5	3.8	1.7	180.4	.13	.72	.02	231	3.52	.273	10.0	58.5	1.61	95.7	.026	10	.51	.020	.20	.3	19.5	<.02	<.01	31	<.1	.02	2.4
75577	1.05	2566.18	5.18	47.1	878	16.2	20.4	919	4.27	2.0	.8	1.0	1.0	67.8	.09	.08	.05	283	4.07	.160	8.4	57.6	1.71	20.1	.206	4	1.02	.065	.10	.6	8.6	<.02	.01	32	.6	.03	7.1
75578	1.04	1049.18	5.89	61.3	126	23.9	23.3	849	4.11	16.0	.8	8.2	1.6	127.1	.05	.44	.02	188	1.76	.283	13.0	23.7	1.74	27.7	.152	7	2.21	.539	.05	.3	3.4	<.02	<.01	27	<.1	.03	7.9
75579	.47	507.53	3.11	75.9	192	20.3	32.1	823	3.65	3.7	.2	2.3	1.1	178.2	.16	.10	.02	120	2.22	.281	9.9	39.9	1.77	28.7	.146	4	1.18	.035	.24	.8	8.2	<.02	<.01	39	<.1	.02	6.7
75583	.91	2507.01	3.70	74.1	806	18.9	34.4	1086	4.84	1.8	.5	2.2	1.4	98.3	.05	.11	.02	179	2.37	.219	11.4	49.4	3.14	30.9	.178	4	1.97	.301	.08	.6	7.5	<.02	.03	98	<.1	.02	11.5
76200	.70	14.16	2.34	35.6	24	4.5	4.5	424	.64	2.7	.4	3.5	1.4	43.5	.12	.13	.03	9	.27	.009	5.9	6.2	.08	2021.5	.001	5	.33	.003	.19	1.7	1.0	.03	.04	3237	<.1	.02	.8
76201	.42	2721.91	3.28	69.2	1770	23.2	30.2	1171	3.75	1.5	.5	1.1	1.7	119.7	.11	.06	.05	172	2.54	.224	13.8	45.1	2.69	165.6	.152	3	1.85	.186	.19	.4	6.8	<.02	.03	49	<.1	<.02	9.5
76202	.54	67.13	4.97	68.9	16	65.9	34.7	1144	3.72	6.3	.3	.3	1.5	98.2	.14	.58	.04	99	1.67	.286	11.4	104.0	2.70	48.9	.128	6	1.33	.020	.08	.6	8.6	<.02	<.01	42	<.1	<.02	7.0
76207	2.08	9186.00	6.50	31.9	1229	1.2	4.2	564	3.23	17.6	.8	1.5	1.1	166.4	.18	1.74	.05	108	13.30	.122	11.1	15.2	.15	1311.0	.043	7	.56	.020	.17	.5	4.3	.02	.05	300	.6	.08	1.4
RE 76207	2.06	9112.17	6.61	32.7	1231	.8	4.1	587	3.37	18.0	.8	1.5	1.1	169.1	.19	1.82	.05	111	14.28	.135	10.0	16.1	.16	1290.1	.043	9	.55	.019	.18	.4	4.2	.02	.05	305	.5	.08	1.4
76300	.53	6265.63	3.50	68.4	1717	17.8	33.0	1023	4.57	3.3	.4	21.5	1.0	145.4	.49	.30	.05	188	3.92	.156	7.2	26.5	2.40	41.7	.212	4	2.42	.276	.03	.3	8.7	<.02	.09	469	.7	.03	8.6
76301	.89	45.89	4.80	54.2	5	12.2	24.9	946	3.02	2.6	.3	1.0	.7	488.3	.12	.17	.02	151	3.76	.192	7.2	9.1	1.65	27.2	.170	36	3.49	.038	.04	.6	6.7	<.02	<.01	76	<.1	.05	14.8
76302	.56	83.99	2.57	74.1	54	25.1	23.2	997	5.01	.9	.6	1.0	.8	45.5	.12	.10	.02	175	3.21	.094	6.1	23.1	1.98	23.1	.351	11	2.59	.048	.03	<.2	7.7	.02	.06	78	.4	.02	12.7
76303	.80	122.80	5.21	70.0	78	19.4	31.2	1014	5.55	3.4	.5	2.9	1.3	178.3	.06	.30	.02	206	1.29	.248	11.0	21.9	2.74	33.1	.161	10	3.71	1.428	.14	.2	5.1	<.02	<.01	52	<.1	.04	10.4
76304	1.03	50.13	4.91	70.2	27	17.6	29.8	1279	5.28	3.3	.5	5.6	1.2	154.8	.05	1.25	<.02	217	3.66	.307	13.9	24.8	2.26	57.3	.085	6	1.92	.556	.14	.2	13.4	<.02	<.01	58	.1	<.02	8.3
76305	.51	65.24	3.60	67.4	29	41.8	30.8	1226	5.77	4.4	.6	.8	1.0	143.2	.10	1.15	.04	185	6.25	.224	9.4	206.1	3.70	27.9	.121	4	.80	.032	.08	.3	21.4	<.02	<.01	42	<.1	.03	4.4
76306	.17	5.03	1.51	57.9	5	35.7	19.9	679	1.59	2.2	.2	2.5	<.1	261.8	.04	.64	<.02	34	14.24	.004	<.5	30.8	7.39	85.0	.004	3	.11	.018	.02	.4	1.9	<.02	<.01	29	<.1	.03	.5
76307	.25	13.46	1.14	62.7	8	43.5	22.2	886	1.93	2.7	<.1	1.2	<.1	200.9	.04	.41	<.02	52	12.16	.006	<.5	61.2	6.41	23.0	.006	1	.16	.015	.01	.7	3.2	<.02	<.01	20	<.1	.03	.5
76308	.36	4.22	3.39	54.9	9	27.4	26.4	1002	3.70	8.5	.1	.8	.2	362.4	.07	.95	<.02	108	7.83	.031	1.4	138.5	4.48	119.3	.024	3	.23	.008	.05	.6	13.3	<.02	<.01	32	<.1	.03	.7
76309	.39	525.49	1.57	36.3	54	15.7	19.9	668	1.50	5.8	<.1	1.7	.2	120.4	.07	.76	<.02	114	4.92	.050	1.6	16.6	2.72	144.4	.003	5	.55	.007	.05	.6	5.1	<.02	<.01	50	<.1	<.02	2.9
76310	.28	3.12	1.67	57.7	6	32.5	23.3	774	2.20	4.5	.2	.5	.2	310.8	.04	.33	<.02	83	12.07	.021	1.1	17.8	6.38	18.4	.014	1	.19	.010	.01	.2	4.4	<.02	<.01	10	<.1	.05	.6
STANDARD OS2	13.42	129.08	32.21	152.2	267	32.9	11.3	795	2.91	51.8	18.2	198.4	3.2	25.7	9.46	9.01	10.37	72	.49	.087	14.3	146.5	.55	150.0	.085	3	1.65	.029	.16	7.3	2.5	1.74	.03	230	2.2	1.81	5.5

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 12 2000 DATE REPORT MAILED: Jun 19/00 SIGNED BY: ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
76311	.24	3.18	.79	47.1	11	34.4	20.9	623	1.50	2.8	.1	.4	<.1	220.0	.03	.49	.02	50	13.52	.005	<.5	55.8	7.18	16.5	.004	1	.13	.015	<.01	.8	3.5	<.02	<.01	<5	<.1	.04	.5
76312	.19	59.68	1.52	65.3	29	14.2	29.5	1310	4.13	1.5	.2	38.3	.5	174.8	.43	1.76	.02	78	7.12	.110	4.4	6.7	3.04	752.4	.010	7	.51	.027	.23	3.8	11.5	.03	<.01	70	<.1	<.02	2.6
76313	5.72	204.12	2.81	87.5	232	18.7	29.9	1535	3.63	7.0	1.5	6.2	.2	211.9	.24	5.03	<.02	78	10.78	.039	1.6	9.3	5.12	317.5	.001	4	.20	.014	.17	2.1	5.9	.02	<.01	1692	<.1	.04	1.0
76314	3.64	61.71	2.20	57.4	32	12.1	23.2	1171	3.46	2.6	.2	2.2	.4	157.6	.17	.97	<.02	103	7.54	.072	2.9	11.6	3.44	136.4	.006	6	.30	.010	.13	3.4	9.1	.02	<.01	214	<.1	.03	1.0
76315	2.42	701.39	4.45	81.1	1149	20.0	37.4	1497	4.99	89.5	.9	348.7	.6	299.9	.11	3.85	.02	163	8.34	.129	4.5	19.8	3.67	190.8	.001	4	.36	.011	.17	2.5	17.5	.04	.98	2136	.4	.19	1.7
76316	.50	47.87	1.20	65.8	21	21.1	29.7	1242	3.77	3.6	.1	4.2	.2	144.0	.03	1.03	<.02	122	7.77	.025	1.6	23.4	4.21	798.8	.040	3	.26	.007	.03	1.2	9.0	<.02	.01	45	<.1	.04	1.0
76317	1.71	18.28	2.03	40.9	18	10.1	11.7	590	1.40	2.5	.1	3.9	<.1	28.3	.11	.40	<.02	8	4.91	.003	<.5	11.1	2.58	17.3	<.001	<1	.02	.002	.01	4.7	.7	<.02	<.01	463	<.1	.02	.2
RE 76317	1.75	18.61	2.06	42.1	18	10.4	11.6	599	1.42	2.7	.1	2.7	<.1	28.1	.12	.43	<.02	8	4.97	.003	<.5	12.6	2.62	17.8	<.001	1	.02	.002	.01	4.8	.7	<.02	<.01	471	<.1	.02	.2
STANDARD	14.17	127.87	33.39	160.6	268	34.5	11.9	831	3.06	55.5	19.1	200.7	3.6	27.2	10.26	9.37	10.85	74	.52	.091	15.7	158.5	.60	149.7	.092	3	1.69	.035	.16	7.4	2.9	1.82	.02	221	2.3	2.20	6.1

Standard is STANDARD DS2. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 401 File # A001897

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Larry Poznikoff

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Pt** ppb	Pd** ppb
76208	.49	15.40	3.20	32.4	32	16.4	17.8	1394	1.98	12.1	.4	.5	.4	14.9	.08	3.68	.05	43	3.64	.012	.5	8.4	.11	371.6	.001	6	.39		.18	1.4	2.5	.05	.02	1953	<.1	<.02	.9	-	-
76209	.35	3767.57	4.59	20.9	415	3.1	14.9	1308	3.14	3.3	.3	2.1	.8	221.6	.22	.76	.03	103	3.52	.204	8.2	3.6	1.75	559.2	.038	6	.64		.27	.3	5.0	.02	.09	400	<.1	<.02	2.1	-	-
76210	.33	1933.32	4.22	38.7	609	4.1	21.8	1402	3.27	3.8	.3	5.2	.8	77.1	.18	2.44	.02	71	3.51	.199	8.6	2.3	1.70	253.7	.036	7	.62		.31	.7	3.8	.02	.03	495	<.1	.02	2.0	-	-
76211	.32	1329.90	2.92	43.9	741	2.7	18.1	1475	3.55	4.0	.3	12.8	.8	89.9	.17	1.72	.04	64	3.33	.244	9.9	2.1	.72	86.7	.018	9	.83		.49	.8	5.4	.04	.03	294	<.1	<.02	3.0	-	-
76212	1.80	4989.10	7.57	34.3	1409	24.8	18.0	1086	4.26	28.5	.4	1.1	.8	171.9	.07	7.02	.03	150	5.61	.140	6.4	148.3	2.73	768.1	.069	8	.48		.09	.6	17.5	<.02	.14	731	.1	.02	2.0	-	-
RE 76212	1.86	4967.30	7.65	36.1	1380	28.6	18.6	1083	4.25	28.5	.4	.9	.8	171.3	.07	6.99	.03	150	5.58	.140	6.3	151.0	2.72	772.0	.071	9	.50		.09	.5	17.3	<.02	.14	680	.1	.02	2.0	-	-
76222	.92	8.90	2.97	8.0	34	8.3	3.5	46	24.14	3.0	.5	6.7	10.8	.6	.02	.67	3.18	256	.01	15 .009	15.2 .9	16.9 8.4	.21 <.01	20.3 8.5	.002 <.001	<1 3	.56 .04	.082 .001	.01	15.8	3.3	<.02	<.01	11	<.1	<.02	1.3	-	-
76223	.74	2.75	2.98	44.6	23	54.8	20.4	557	16.04	1.1	.1	<.2	.4	.8	.02	.33	.22	433	.01	.013	.8	77.6	1.15	37.5	.040	1	1.45	.029	.10	64.2	6.2	.02	<.01	<5	<.1	<.02	6.2	-	-
76224	.60	500.36	13.38	34.5	316	127.6	18.8	160	1.80	1.5	.1	2.3	1.0	50.2	.20	.25	.23	41	2.09	.021	1.0	44.4	.55	48.6	.088	1	3.46	.323	.24	1.2	2.2	.14	.44	14	1.1	.07	5.7	-	-
76225	4.64	1043.27	7.46	19.8	181	2208.8	608.5	283	20.81	1.0	<.1	.9	.4	3.8	.08	.23	1.23	20	.29	.005	<.5	111.8	.86	7.1	.047	<1	1.10	.016	.04	.9	1.5	.04	7.61	<5	4.5	.46	1.4	8	7
76226	4.31	1053.21	8.52	33.5	355	235.4	87.2	351	4.52	.7	<.1	4.9	.5	10.8	.17	.25	.86	38	.59	.010	.6	70.5	1.17	6.2	.120	<1	1.69	.060	.05	.9	2.6	.06	2.59	16	3.8	.24	2.7	4	5
76227	6.73	2483.33	7.93	25.6	568	731.9	238.7	293	7.84	2.3	<.1	2.6	.9	10.8	.17	.33	.70	44	.54	.017	1.2	60.0	.82	8.0	.111	1	1.31	.052	.07	1.3	2.4	.08	6.07	5	4.2	.28	2.3	3	3
76318	69	92.48	5.25	42.4	28	9.7	12.3	942	3.30	4.3	.2	<.2	.7	31.5	.09	2.00	.03	129	4.05	.140	6.8	3.8	.17	134.8	.007	14	.78	.011	.30	.3	8.0	.04	.05	28	<.1	<.02	2.6	-	-
STANDARD DS2	14.55	133.61	32.08	159.9	277	36.2	12.3	845	3.14	63.3	18.8	211.7	3.5	25.0	10.11	9.68	10.65	73	.51	.094	14.1	155.2	.60	152.2	.088	3	1.65	.028	.15	7.7	2.7	1.82	.04	245	2.3	1.87	5.8	-	-

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
PT** & PD** BY FIRE ASSAY & ANALYSIS BY ULTRA/ICP. (30 gm)
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 16 2000 **DATE REPORT MAILED:** Jun 29/00 **SIGNED BY.** ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 401-WR File # A002019 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rob Cameron

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
76100	.60	36.76	5.99	81.5	59	25.7	14.1	351	3.71	5.8	.4	2.9	2.0	29.9	.08	.79	.09	111	.31	.251	6.6	64.0	.57	99.1	.085	2	1.74	.008	.06	.3	4.6	.04	.02	38	.2	.02	6.5
76101	.43	16.42	5.26	70.1	83	12.4	8.1	231	2.70	3.7	.3	1.9	1.6	27.6	.08	.45	.09	85	.33	.188	6.1	34.7	.35	123.8	.075	3	1.25	.007	.05	.2	2.6	.02	.02	43	<.1	<.02	5.5
76102	.52	28.21	7.11	93.0	91	17.3	10.6	322	3.49	4.9	.3	1.3	1.5	30.5	.11	.70	.10	113	.38	.191	5.4	43.5	.44	123.1	.085	1	1.62	.007	.06	.3	3.3	.03	.02	39	.2	.03	6.2
76103	.49	71.28	8.62	131.1	259	40.2	24.4	1439	4.08	6.9	.6	4.2	3.5	44.8	.27	.62	.11	126	.80	.064	10.9	65.4	1.36	429.0	.089	4	3.52	.040	.13	.4	14.8	.08	.03	81	.4	.02	8.8
76104	.38	19.00	4.32	57.0	123	14.2	9.2	251	2.87	2.4	.3	1.7	1.3	26.6	.08	.40	.05	92	.30	.075	5.7	41.3	.61	67.8	.089	2	1.15	.008	.04	<.2	2.1	.02	.01	37	.1	<.02	4.3
76105	.29	25.34	3.55	31.5	82	13.8	7.7	240	2.56	3.5	.3	2.4	1.7	35.4	.08	.44	.04	86	.44	.107	7.3	32.1	.47	70.6	.071	3	.97	.007	.05	<.2	1.9	<.02	.02	49	.1	<.02	3.2
76106	.39	23.88	4.77	43.1	101	15.2	8.0	250	2.77	3.4	.4	1.6	2.1	36.2	.10	.42	.05	91	.40	.092	7.6	34.4	.47	68.5	.093	3	1.34	.007	.06	<.2	2.4	.02	.01	35	.2	<.02	4.5
76107	.39	24.82	4.72	46.1	50	13.9	8.4	282	2.20	2.7	.4	1.5	1.6	33.6	.08	.31	.05	71	.36	.058	8.0	33.1	.49	65.4	.089	4	1.11	.012	.08	<.2	2.2	.02	.02	28	.2	<.02	4.3
76108	.34	27.60	4.48	47.3	48	17.6	10.3	280	2.42	4.3	.4	2.3	2.0	34.2	.10	.35	.05	79	.43	.081	8.9	35.0	.52	79.1	.085	3	1.17	.011	.06	<.2	2.4	.02	.02	34	.2	<.02	3.9
76109	.41	22.86	4.38	39.6	74	13.1	8.0	290	2.56	3.9	.3	1.3	1.3	46.0	.14	.45	.05	89	.47	.103	7.0	32.3	.38	77.0	.087	4	1.05	.006	.05	.2	2.2	.03	.01	45	.2	.03	4.1
76110	.36	35.02	4.83	37.8	70	17.0	10.3	481	2.73	4.8	.5	2.9	1.6	54.6	.09	.51	.05	97	.63	.096	10.8	35.2	.54	99.7	.095	4	1.25	.013	.09	<.2	3.2	.03	.01	61	.3	<.02	4.0
76230	.41	76.41	6.94	49.2	24	29.3	14.6	509	3.33	8.5	.6	6.5	3.2	53.3	.06	.68	.09	105	.57	.128	12.4	54.1	1.05	140.3	.112	4	2.07	.011	.13	.2	4.9	.05	.01	112	.3	.03	5.9
76231	.42	68.49	5.67	51.3	33	36.1	15.2	437	3.59	7.1	.5	6.4	2.5	41.0	.06	.57	.07	114	.51	.124	11.3	60.3	1.12	126.0	.111	3	2.01	.013	.10	.2	3.7	.04	<.01	60	.2	.02	5.8
76232	.49	27.70	5.39	57.7	89	19.4	9.9	569	3.06	4.0	.4	2.1	1.4	29.1	.12	.42	.06	92	.37	.121	7.5	48.8	.65	108.3	.092	3	1.50	.006	.07	<.2	2.1	.03	.02	53	.2	<.02	5.8
76233	.28	47.32	4.73	37.7	55	18.8	11.1	405	2.56	5.4	.5	78.3	2.0	44.6	.05	.37	.09	95	.65	.140	10.4	42.6	.92	77.6	.098	3	1.33	.012	.08	<.2	3.3	.03	.02	53	.1	.02	4.4
76234	.31	49.68	4.53	53.7	47	24.6	12.3	414	2.72	3.8	.5	2.7	2.0	43.1	.06	.34	.07	93	.61	.091	11.3	50.8	1.10	80.1	.119	4	1.61	.013	.08	<.2	4.0	.03	.01	39	.2	<.02	5.4
76235	.45	83.78	6.79	57.5	28	38.8	18.3	598	3.88	7.9	.6	4.5	3.2	60.5	.05	.67	.09	121	.66	.142	11.5	66.3	1.50	142.7	.132	3	2.51	.019	.17	.3	6.0	.05	<.01	99	.1	.03	7.0
76236	.52	44.95	4.76	55.3	104	34.9	14.2	381	3.39	3.7	.5	1.9	1.8	34.0	.05	.41	.07	107	.45	.075	8.8	62.9	1.15	73.9	.125	3	1.78	.014	.07	<.2	3.3	.03	.01	33	.2	.02	6.1
76237	.61	26.26	8.09	91.5	73	20.6	11.8	301	4.14	6.3	.4	1.7	2.0	36.9	.13	.42	.12	118	.44	.262	7.5	54.0	.71	129.7	.100	2	2.17	.010	.07	.2	2.9	.03	.03	63	.3	.02	8.6
76238	.44	34.03	6.07	57.3	51	20.9	11.6	421	3.15	5.8	.4	5.6	2.3	35.1	.11	.48	.08	99	.49	.171	8.6	41.4	.65	95.0	.089	3	1.68	.009	.08	<.2	2.8	.03	<.01	63	.2	<.02	5.3
RE 76239	.53	31.67	6.32	64.1	47	23.2	12.1	297	3.54	5.8	.5	2.3	2.5	33.2	.10	.48	.09	109	.43	.246	9.1	47.2	.60	104.5	.101	2	2.06	.009	.08	.2	3.4	.03	.02	60	.2	.02	6.4
76239	.52	30.28	5.97	61.5	48	22.0	11.8	280	3.41	5.7	.4	3.4	2.4	32.7	.09	.45	.08	104	.41	.233	8.7	44.9	.58	98.4	.093	2	1.95	.009	.08	<.2	3.2	.03	<.01	59	.2	.02	6.2
76240	.44	42.48	5.82	43.4	27	18.2	10.2	452	2.95	8.8	.5	3.0	2.7	51.4	.08	.51	.07	110	.71	.113	11.1	36.3	.68	81.6	.131	4	1.53	.023	.10	.2	4.8	.04	<.01	46	.3	.02	5.0
76241	.58	43.30	5.82	51.2	49	27.3	12.1	385	3.03	10.0	.5	31.9	2.9	35.3	.08	.38	.07	95	.45	.107	13.6	55.6	.78	83.9	.097	1	1.67	.018	.08	<.2	3.8	.05	<.01	48	.2	<.02	5.0
76242	.47	26.77	4.89	67.1	100	22.6	8.7	236	2.70	6.7	.4	14.0	2.4	28.9	.11	.30	.08	75	.36	.120	10.4	45.4	.64	87.0	.078	2	1.53	.009	.06	<.2	2.4	.04	.04	41	.2	.02	5.5
76243	.39	37.28	5.45	52.4	105	23.3	13.1	536	2.92	5.8	.6	2.7	2.1	56.0	.11	.43	.07	100	.82	.084	11.9	45.3	.80	93.6	.110	4	1.53	.014	.07	<.2	3.7	.04	.02	57	.3	.02	5.0
76244	.50	38.71	6.53	60.3	91	22.6	13.7	727	2.66	6.4	.5	2.3	2.3	46.9	.15	.43	.08	90	.54	.104	10.8	46.8	.72	102.7	.092	3	1.53	.011	.09	<.2	3.0	.04	.02	61	.4	.02	5.3
76245	.45	37.34	6.87	58.0	80	20.8	11.7	509	2.72	6.2	.4	3.0	2.1	45.4	.14	.46	.08	99	.53	.105	10.2	43.2	.67	104.8	.099	4	1.50	.008	.09	<.2	3.0	.03	.02	62	.3	.02	5.4
76246	.51	83.59	7.32	56.6	50	26.2	14.8	536	3.43	10.6	.6	4.9	2.9	73.6	.07	.78	.08	112	.64	.133	12.4	46.8	1.11	146.0	.123	4	2.17	.019	.14	.2	5.4	.05	.01	79	.3	.03	6.5
76247	.51	54.23	5.28	46.7	29	24.5	13.5	463	3.08	8.7	.5	3.6	2.4	57.2	.09	.57	.06	107	.58	.121	10.2	43.8	.89	108.7	.121	4	1.65	.014	.10	<.2	4.0	.03	<.01	42	.2	.03	5.2
76248	.81	25.29	4.32	73.4	133	22.7	10.1	195	2.62	6.2	.4	1.3	2.2	26.7	.10	.28	.07	79	.28	.123	8.3	43.3	.56	74.6	.099	2	1.59	.007	.06	<.2	2.2	.03	.01	35	.2	<.02	5.3
76249	.35	50.93	5.33	46.7	45	22.9	11.5	423	2.42	5.0	.5	3.7	2.7	52.5	.07	.37	.07	77	.64	.125	13.6	41.4	.95	99.8	.098	4	1.52	.017	.11	<.2	3.9	.04	<.01	42	.2	.02	5.1
76250	.30	43.15	6.38	43.6	28	21.8	9.7	381	2.38	5.9	.5	4.0	2.5	46.1	.06	.44	.06	74	.50	.101	11.4	35.9	.77	99.3	.087	4	1.42	.025	.13	<.2	3.5	.04	.01	72	.2	<.02	4.4
STANDARD DS2	13.88	130.78	32.26	163.1	270	37.0	11.5	835	3.12	58.0	18.1	219.2	3.5	29.5	9.97	9.25	10.82	74	.54	.091	15.8	160.8	.61	151.7	.095	2	1.74	.031	.16	6.8	3.1	1.78	.03	235	2.3	1.89	6.0

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 27 2000 **DATE REPORT MAILED:** July 11/00 **SIGNED BY** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ~ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
76251	.42	33.12	5.41	51.2	67	19.0	11.7	378	2.41	4.9	.4	3.7	1.8	37.7	.12	.39	.08	76	.39	.071	12.1	35.6	.68	93.7	.078	5	1.41	.008	.07	<.2	2.4	.03	.03	80	.1	.02	4.8
76252	.44	85.38	8.34	64.6	43	36.9	17.1	685	3.74	9.8	.6	3.7	3.6	79.4	.09	.92	.11	116	.79	.150	15.9	58.0	1.28	168.4	.114	5	2.13	.012	.18	<.2	7.7	.05	.02	158	.1	.04	6.7
76253	.35	54.31	7.31	49.8	33	25.9	11.4	438	2.87	7.9	.5	4.0	3.1	56.4	.06	.59	.12	91	.65	.143	13.0	40.6	.93	124.6	.100	4	1.62	.009	.12	.2	3.4	.03	.01	83	.1	.02	5.0
76254	.30	26.44	5.09	49.3	28	18.4	8.5	255	2.11	4.0	.4	4.7	2.1	33.6	.10	.35	.08	68	.41	.082	9.6	34.4	.65	88.3	.075	4	1.15	.006	.06	<.2	2.0	.02	.02	42	.1	.02	4.0
76255	.42	73.78	8.34	60.5	28	35.3	15.3	557	3.41	9.6	.6	4.4	3.4	63.7	.07	.63	.11	101	.71	.151	13.4	56.3	1.33	149.1	.103	5	2.08	.011	.18	<.2	4.7	.05	.01	107	.2	.03	6.2
76256	.32	38.39	5.63	42.7	41	21.6	11.4	371	2.47	6.0	.5	2.2	2.4	48.1	.07	.39	.07	81	.59	.137	11.4	40.4	.96	78.7	.096	4	1.30	.008	.08	<.2	2.7	.02	.01	43	.1	.02	4.3
76257	.29	23.86	5.99	55.1	55	18.7	9.8	257	2.60	2.8	.4	3.4	1.7	38.9	.11	.34	.07	84	.48	.066	8.5	44.2	.89	63.8	.107	3	1.11	.007	.05	<.2	2.3	.02	.02	24	<.1	<.02	4.9
76258	.37	67.91	7.78	69.5	78	36.7	18.8	637	3.31	7.0	.8	2.9	2.9	54.5	.18	.48	.11	96	.82	.115	12.5	57.7	1.33	167.8	.099	3	1.96	.010	.15	<.2	5.6	.05	<.01	68	.2	.03	6.2
76259	.29	48.13	5.90	59.2	94	29.7	13.0	409	2.88	4.5	.7	2.2	1.9	50.3	.19	.37	.09	87	.81	.094	10.1	52.7	1.04	131.0	.097	3	1.56	.010	.09	<.2	4.1	.04	.02	43	.3	<.02	5.2
76260	.28	41.68	6.94	50.9	61	50.1	12.1	399	2.89	6.6	.9	2.1	3.5	44.3	.09	.26	.12	78	.65	.101	13.9	74.4	1.18	115.8	.096	4	1.80	.014	.11	<.2	4.3	.05	.01	93	.3	.03	5.3
76261	.33	53.37	7.37	72.3	151	48.6	14.5	587	3.03	6.8	1.3	1.8	3.0	52.4	.13	.29	.13	81	.70	.080	16.1	69.3	1.26	127.6	.094	3	2.07	.011	.11	<.2	6.0	.07	.01	66	.4	.03	6.3
76262	.48	48.22	5.21	50.5	47	30.3	15.4	435	3.42	7.1	.5	1.7	2.4	40.4	.09	.55	.08	106	.55	.184	9.5	54.6	1.02	136.7	.102	3	1.78	.008	.09	.2	4.1	.03	.02	40	.2	.02	5.6
76263	.43	42.33	5.12	43.9	41	32.7	13.4	348	3.26	7.0	.4	2.5	2.4	36.5	.08	.58	.07	103	.51	.184	8.9	51.3	.75	127.8	.095	3	1.67	.007	.07	.2	3.6	.03	<.01	42	.1	.03	4.9
76264	.54	17.83	6.66	74.3	88	14.2	8.4	252	2.79	3.0	.3	3.3	1.7	25.9	.14	.42	.11	83	.31	.186	5.7	42.6	.36	158.6	.087	2	1.40	.006	.05	.2	2.5	.02	.02	44	.2	<.02	6.2
76265	.44	62.53	5.25	60.8	25	51.7	20.2	637	3.84	8.5	.5	11.1	2.3	54.7	.06	.96	.06	129	.74	.140	11.2	72.7	1.48	93.0	.111	3	1.56	.007	.08	.3	8.0	.03	.01	47	<.1	.02	5.6
76266	.41	53.46	4.74	40.3	31	32.5	15.4	315	3.43	7.9	.5	2.9	2.4	38.0	.07	.75	.09	109	.50	.216	9.1	50.8	.75	95.9	.082	2	1.73	.006	.06	.3	4.2	.03	.01	44	.2	.02	4.7
76267	.45	59.08	6.31	48.2	30	28.8	14.9	545	3.27	9.2	.5	4.6	3.0	51.2	.07	.73	.09	103	.67	.125	12.5	48.6	.97	137.7	.103	3	1.75	.009	.13	<.2	5.7	.05	<.01	93	.2	.03	5.6
76268	.41	25.13	4.38	37.4	41	18.5	8.8	263	2.39	5.1	.4	2.8	2.2	33.5	.06	.39	.07	75	.48	.092	10.0	37.0	.57	76.8	.080	2	1.11	.006	.05	<.2	2.4	.03	.02	28	.1	<.02	4.0
76269	.35	52.71	6.40	44.0	33	24.2	12.5	498	3.16	8.7	.6	5.5	2.7	62.1	.08	.64	.08	108	.70	.122	13.1	45.3	.91	118.6	.117	4	1.61	.010	.13	.2	5.0	.04	.01	74	.2	.02	5.2
76270	.35	33.29	5.13	49.1	56	19.0	12.5	433	2.73	5.1	.4	2.1	1.9	46.3	.10	.51	.06	97	.54	.089	10.4	40.5	.71	86.7	.108	4	1.31	.009	.07	<.2	3.2	.03	.01	39	.1	<.02	4.7
RE 76270	.34	34.21	5.00	48.5	59	18.7	12.6	437	2.71	5.1	.4	12.9	1.8	42.6	.11	.49	.06	94	.50	.088	9.8	38.2	.71	87.1	.097	4	1.26	.008	.07	<.2	3.0	.03	.01	41	.1	.02	4.5
76271	.38	85.99	8.16	63.5	42	35.6	16.8	621	3.89	11.2	.7	5.6	4.1	71.0	.06	.94	.12	116	.85	.137	14.3	57.4	1.24	204.4	.112	4	2.40	.013	.22	.2	8.2	.07	<.01	128	.3	.03	7.1
76272	.34	45.90	5.54	64.8	103	23.3	11.8	476	2.81	5.8	.7	2.4	2.2	53.1	.11	.43	.09	86	.72	.093	11.5	44.2	1.01	136.9	.101	4	1.91	.010	.13	<.2	5.3	.05	<.01	54	.3	<.02	6.0
76273	.30	32.80	5.24	37.5	20	25.7	9.5	402	2.44	6.3	.5	6.0	2.9	47.1	.06	.40	.07	82	.62	.112	12.0	40.9	.80	89.9	.114	4	1.29	.009	.08	<.2	3.2	.03	.01	30	<.1	.02	4.4
76274	.26	23.42	3.90	44.9	50	28.7	7.5	237	1.89	3.0	.4	10.4	2.5	29.0	.08	.20	.06	56	.38	.043	10.3	47.8	.71	72.5	.091	2	1.22	.008	.06	<.2	2.3	.03	<.01	27	.1	<.02	4.0
76275	.31	37.68	5.21	31.6	20	15.6	10.2	480	2.70	6.2	.4	2.5	2.6	49.2	.07	.60	.06	96	.60	.132	11.1	34.0	.60	72.0	.095	2	1.09	.008	.08	.2	2.8	.02	<.01	42	.1	<.02	3.9
76276	.32	34.62	4.18	42.6	46	18.0	11.6	463	2.81	4.1	.5	1.5	1.9	39.6	.09	.49	.06	95	.54	.098	9.9	42.6	.91	70.5	.099	2	1.25	.008	.06	<.2	2.7	.02	.01	49	.1	<.02	4.8
76277	.28	41.77	5.29	34.4	25	17.7	10.4	393	2.73	5.8	.5	2.6	2.9	50.9	.06	.53	.07	93	.61	.122	11.5	35.2	.71	80.7	.113	4	1.33	.009	.11	<.2	3.5	.03	<.01	47	.2	<.02	4.4
76278	.41	38.56	4.93	40.8	74	20.0	12.5	360	3.16	5.9	.5	2.3	2.3	48.6	.11	.52	.06	110	.60	.138	11.3	43.1	.92	80.2	.115	3	1.42	.008	.08	<.2	2.8	.02	.01	44	.2	<.02	5.1
76279	.32	21.66	5.38	44.5	87	13.0	8.3	232	2.33	2.7	.3	5.8	1.5	29.9	.11	.37	.07	81	.38	.069	6.7	34.7	.67	75.4	.108	1	.99	.006	.04	<.2	2.1	.02	.01	33	.1	<.02	5.2
76280	.32	35.82	5.28	34.4	30	17.1	10.5	453	2.86	7.0	.5	3.1	2.3	54.0	.07	.57	.06	101	.66	.131	11.7	40.3	.78	88.3	.104	4	1.19	.010	.08	.2	3.3	.02	.01	54	.2	<.02	4.2
76281	.29	28.85	4.89	46.7	83	18.6	9.1	327	2.45	4.5	.4	2.6	1.8	41.2	.12	.44	.07	80	.54	.069	10.4	39.1	.72	82.9	.091	3	1.33	.009	.06	<.2	3.2	.02	<.01	45	.2	<.02	4.7
76282	.36	79.57	7.70	52.1	39	32.7	19.2	767	3.62	9.4	.5	3.1	2.9	58.5	.15	.70	.09	115	.87	.129	11.5	47.2	1.19	218.2	.113	4	2.16	.019	.16	<.2	5.9	.05	<.01	128	.3	.02	6.8
STANDARD DS2	14.41	130.30	33.90	162.6	264	36.3	12.2	835	3.08	56.6	18.9	209.6	3.5	29.2	10.09	10.26	11.12	74	.53	.093	15.9	158.5	.60	152.3	.095	1	1.71	.031	.16	7.3	2.8	1.80	.01	244	2.3	1.93	6.1

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

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
76283	.44	47.00	6.21	44.3	36	24.6	16.6	715	3.54	8.1	.5	3.0	3.1	64.7	.14	.69	.08	121	.82	.111	11.6	46.3	.97	174.9	.123	8	1.78	.014	.13	.3	5.6	.02	.01	67	.3	.02	5.8
76284	.36	15.85	5.51	45.3	43	13.1	8.4	248	2.60	2.5	.3	3.4	1.6	37.0	.28	.43	.08	89	.55	.024	6.8	31.9	.45	90.6	.105	5	1.16	.009	.05	<.2	2.2	<.02	.03	29	.4	.03	4.8
76285	.47	94.26	8.03	61.8	57	35.7	18.1	656	4.14	10.9	.6	6.8	4.2	66.5	.09	.80	.10	125	.98	.125	15.7	61.8	1.36	252.6	.124	7	2.72	.020	.21	.2	7.8	.03	.04	132	.4	.06	7.8
76286	.31	36.93	5.52	43.1	128	23.0	11.5	378	2.73	4.3	.5	2.4	2.4	33.0	.15	.46	.06	83	.57	.035	9.6	43.3	.66	141.5	.085	5	1.74	.011	.08	<.2	3.7	.03	.02	79	.5	.03	5.1
76287	.40	78.92	7.33	53.8	56	28.0	18.6	920	3.62	7.8	.6	4.6	3.3	62.2	.09	.75	.07	112	.85	.123	14.2	51.2	1.07	195.8	.107	5	2.04	.015	.14	<.2	6.1	<.02	<.01	153	.3	.03	6.2
76288	.33	40.16	5.68	54.0	31	22.4	15.6	615	3.31	4.4	.4	11.2	2.5	47.1	.08	.61	.05	108	.64	.079	8.1	43.3	.88	146.9	.114	5	1.62	.010	.09	.2	3.5	<.02	.01	34	.3	.03	5.2
76289	.57	34.07	5.38	52.0	120	20.5	10.3	279	3.06	8.2	.5	2.0	2.5	38.4	.24	.44	.06	94	.49	.220	9.7	43.1	.63	123.5	.081	5	1.69	.008	.07	<.2	2.7	<.02	.04	58	.4	.03	5.1
76328	.44	35.81	5.79	41.0	15	23.2	11.3	515	2.91	8.3	.5	3.2	3.5	46.8	.06	.63	.06	97	.48	.114	14.1	45.3	.58	102.8	.109	4	1.44	.010	.11	<.2	3.5	.02	.02	76	.3	.04	4.5
76329	.44	33.11	5.45	48.4	21	24.7	10.6	408	3.01	8.0	.5	3.7	3.0	46.7	.09	.65	.04	97	.47	.150	12.3	46.0	.62	128.4	.100	4	1.70	.009	.10	<.2	3.3	.02	.01	48	.3	.03	5.1
76330	.65	20.33	5.20	90.5	95	24.8	9.1	237	2.76	6.9	.4	.7	2.2	26.2	.19	.34	.06	72	.28	.195	9.1	47.0	.49	108.2	.077	3	2.01	.007	.07	<.2	2.3	.03	.01	70	.4	<.02	5.5
76331	.72	18.28	5.52	86.3	113	21.1	7.5	255	2.69	6.0	.4	.4	1.6	26.9	.16	.36	.08	69	.27	.194	8.0	43.4	.44	122.6	.063	3	1.71	.007	.07	<.2	2.0	.04	.01	67	.5	.03	5.9
76332	.29	86.98	7.34	53.2	34	23.7	12.5	596	3.39	10.4	.6	5.0	3.4	106.1	.05	1.21	.07	109	.75	.120	14.7	40.4	.83	197.4	.088	7	2.12	.026	.19	<.2	5.3	<.02	<.01	187	<.1	.04	6.0
76333	.47	52.00	5.64	57.3	37	17.7	9.7	524	2.57	6.3	.6	3.8	2.3	65.6	.10	.72	.05	88	.50	.098	12.8	33.2	.57	117.0	.079	5	1.70	.011	.11	<.2	3.2	<.02	<.01	80	.2	.04	5.2
76334	.51	27.54	6.03	56.9	51	12.6	8.6	293	2.58	4.3	.4	1.4	1.2	49.8	.13	.61	.06	92	.37	.061	8.9	29.2	.33	91.0	.069	4	1.49	.009	.08	<.2	2.4	.02	<.01	48	.1	<.02	5.8
76335	.40	95.80	12.26	55.9	22	25.5	14.0	690	3.55	12.2	.6	4.2	3.5	93.5	.06	1.33	.10	111	.64	.113	13.2	43.2	.91	224.5	.106	8	2.56	.017	.22	.3	6.2	.03	<.01	176	.2	.04	6.8
76336	.41	69.94	12.14	42.3	16	19.9	11.5	550	2.92	10.3	.6	5.1	3.0	80.0	.07	1.12	.08	101	.58	.118	11.7	38.0	.79	163.6	.100	6	2.07	.013	.17	.2	3.7	<.02	<.01	120	.2	.04	5.4
76337	.38	47.89	8.71	45.5	78	17.7	10.3	438	2.75	6.8	.5	11.9	1.5	68.6	.08	.79	.07	97	.52	.086	11.2	35.0	.64	123.3	.085	5	1.67	.010	.11	.2	3.0	<.02	<.01	60	.3	.04	5.3
76338	.41	50.10	9.82	47.6	14	18.9	11.2	462	3.08	10.0	.5	6.7	2.2	50.6	.05	.90	.06	108	.51	.140	10.0	36.2	.64	121.5	.088	6	2.04	.009	.12	.2	2.8	.02	.02	91	.2	.03	6.2
76339	.44	25.41	9.34	58.1	26	15.8	10.8	836	2.97	6.2	.3	2.2	1.9	40.3	.14	.80	.11	106	.37	.132	7.3	32.5	.44	100.7	.082	6	1.73	.007	.09	.3	2.2	.03	.01	34	<.1	.03	6.1
76340	.44	31.84	7.89	46.0	24	16.7	10.4	431	3.05	6.0	.3	3.5	2.0	38.2	.08	.79	.10	109	.33	.103	7.2	34.8	.43	87.1	.079	4	1.73	.008	.09	<.2	2.4	.02	.02	20	.1	<.02	5.6
RE 76341	.41	72.84	7.18	48.4	25	25.2	13.9	635	3.29	9.7	.6	4.5	3.4	64.5	.12	1.03	.09	105	.65	.120	13.7	44.0	.75	178.9	.099	5	2.06	.012	.16	<.2	4.7	.02	.01	170	.1	.02	5.8
76341	.41	72.11	7.24	49.6	27	25.7	13.8	640	3.30	9.6	.6	3.7	3.3	66.6	.10	1.00	.09	106	.65	.121	14.0	44.3	.75	180.1	.099	7	2.06	.013	.17	<.2	4.6	.02	.01	166	.1	.03	6.1
76342	.38	40.59	5.07	38.8	18	19.9	9.9	361	2.54	7.3	.4	6.4	3.1	42.3	.11	.60	.07	82	.45	.101	11.9	41.5	.53	100.0	.085	3	1.37	.012	.08	<.2	2.6	<.02	.03	52	<.1	<.02	4.1
76343	.53	37.41	5.64	91.7	76	24.0	11.2	286	3.00	6.1	.4	4.4	2.2	42.3	.16	.52	.08	89	.44	.164	8.8	44.9	.57	143.9	.082	5	1.93	.008	.08	<.2	2.6	.02	.01	73	.4	.03	6.2
76344	.60	108.54	6.52	81.3	91	29.0	17.7	1031	4.22	9.7	.7	8.9	1.8	60.3	.16	.70	.19	122	.94	.176	14.7	39.8	1.31	248.8	.063	6	3.49	.012	.15	.2	6.9	<.02	<.01	133	.6	.06	9.9
76345	.56	73.48	6.47	81.5	91	23.4	16.9	813	3.92	7.9	.6	3.0	1.6	51.6	.09	.63	.10	117	.77	.167	11.2	37.7	1.06	184.1	.069	4	2.89	.009	.11	.2	4.9	<.02	.02	98	.6	.03	9.0
76346	.67	25.44	7.49	60.0	124	16.2	8.9	306	3.08	5.3	.4	1.0	1.5	38.4	.16	.46	.12	99	.44	.168	7.4	38.0	.44	122.0	.090	5	1.53	.007	.07	<.2	2.5	.02	.05	56	.5	<.02	6.9
76347	.40	44.14	5.92	39.7	30	24.5	12.3	538	3.03	8.0	.5	3.1	2.6	57.5	.13	.57	.07	107	.60	.119	11.5	42.7	.80	88.2	.118	4	1.51	.013	.11	<.2	3.3	<.02	.02	76	.2	.02	5.2
76348	.40	39.79	5.11	49.1	59	22.1	12.0	477	2.70	6.9	.5	8.4	2.4	44.6	.15	.45	.07	86	.43	.084	12.6	39.8	.69	79.9	.097	3	1.50	.009	.08	<.2	3.1	<.02	.01	48	.3	.03	5.3
76349	.54	35.78	5.33	62.2	192	19.6	11.4	417	2.59	4.4	.4	1.2	1.3	35.1	.17	.33	.08	76	.34	.066	10.4	40.0	.61	86.3	.077	3	1.45	.007	.07	<.2	2.5	<.02	.04	24	.3	<.02	5.7
76350	.39	43.35	6.25	44.4	24	22.8	10.5	483	2.75	8.9	.5	5.4	3.7	53.0	.06	.62	.07	91	.51	.119	14.8	43.9	.62	99.6	.107	3	1.47	.014	.11	<.2	3.9	.02	<.01	117	.3	.02	4.6
76351	.49	37.20	5.38	55.4	67	23.3	11.4	438	2.92	7.6	.5	172.5	2.6	46.5	.13	.60	.06	97	.48	.111	11.1	41.4	.62	98.9	.095	3	1.48	.010	.08	<.2	3.1	<.02	.02	95	<.1	<.02	4.9
76352	.53	36.95	5.06	54.0	106	23.1	10.7	310	2.84	7.7	.4	2.7	2.5	34.2	.16	.56	.06	93	.38	.116	9.0	40.3	.53	83.6	.084	3	1.61	.008	.07	<.2	2.6	.02	.03	77	.5	.02	4.9
STANDARD DS2	14.22	125.97	32.21	155.8	268	34.8	11.2	819	3.02	57.1	18.5	201.8	3.4	26.4	9.93	9.73	10.23	73	.52	.088	14.7	154.0	.59	147.3	.090	2	1.67	.032	.16	7.5	3.0	1.77	.02	229	2.6	2.05	6.0

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

Data ✓ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
76353	.43	57.11	6.30	59.3	44	21.1	13.1	648	3.24	7.1	.5	2.5	2.4	74.8	.09	.60	.10	116	.77	.107	10.5	35.3	.81	131.9	.136	7	2.04	.016	.11	.2	4.7	<.02	<.01	80	.2	.02	6.7
76354	.41	34.32	5.95	66.9	40	16.8	9.6	425	3.01	4.9	.4	2.0	2.0	60.0	.17	.51	.13	108	.64	.118	8.6	31.1	.63	124.0	.129	6	1.56	.011	.07	.2	3.4	<.02	<.01	48	.2	.02	6.1
76355	.40	50.62	6.98	49.3	25	22.1	9.8	453	2.75	7.6	.5	2.9	3.4	46.0	.06	1.09	.07	84	.39	.070	12.3	35.6	.56	121.6	.081	5	1.81	.009	.15	<.2	3.3	<.02	.01	57	.1	<.02	4.9
76356	.42	43.15	6.99	49.2	43	22.2	10.3	354	2.76	6.9	.4	2.5	3.1	43.9	.09	1.04	.07	86	.37	.084	11.3	35.7	.51	105.9	.083	5	1.81	.009	.12	<.2	2.6	<.02	<.01	54	.1	<.02	4.8
76357	.43	23.61	6.57	119.2	107	23.3	11.8	431	2.69	4.7	.4	1.6	2.5	36.2	.20	.73	.10	74	.32	.131	9.7	34.5	.47	170.8	.069	4	1.94	.008	.12	.3	2.4	.02	<.01	29	.3	<.02	6.4
76358	.58	27.20	6.35	53.7	100	18.9	17.5	1577	2.27	3.8	.4	1.9	2.1	29.2	.16	.37	.09	76	.21	.048	11.2	40.5	.36	109.7	.070	3	1.32	.008	.07	<.2	2.6	.05	.01	32	.2	<.02	4.9
76359	.52	16.00	5.88	53.4	110	17.1	9.7	524	2.14	3.4	.3	4.0	1.9	26.9	.16	.34	.10	75	.22	.088	8.4	38.4	.32	101.2	.072	3	1.15	.008	.07	<.2	2.0	.03	<.01	31	<.1	<.02	5.5
76360	.51	76.97	10.28	63.2	46	35.8	14.4	713	3.43	11.4	.7	4.8	4.6	104.5	.09	1.43	.11	97	.64	.098	18.7	46.8	.83	249.5	.092	6	2.57	.026	.23	<.2	6.0	.02	<.01	151	.3	.06	7.0
76361	.39	34.41	7.00	50.0	17	25.9	13.0	501	2.70	8.3	.5	3.5	3.4	54.9	.07	.78	.09	84	.43	.103	13.1	34.7	.60	146.5	.088	5	1.73	.010	.14	.2	2.9	.02	<.01	34	.1	.03	5.0
76362	.33	55.73	7.51	52.6	88	43.1	19.7	658	3.34	8.8	.6	14.0	4.0	76.2	.12	.86	.12	103	.68	.072	17.5	91.0	1.23	212.8	.112	6	2.27	.017	.12	<.2	8.2	<.02	<.01	102	.3	.03	6.7
76363	.91	166.54	11.74	100.8	454	68.4	28.1	2097	5.48	16.0	2.1	5.8	2.3	141.9	.41	1.28	.20	135	1.33	.089	41.8	116.0	1.55	471.8	.063	9	5.10	.014	.23	<.2	17.2	<.02	.01	244	.9	.07	12.5
76364	.44	53.79	5.69	56.3	32	31.1	23.2	792	4.11	17.0	.5	6.5	2.5	48.0	.08	1.55	.08	140	1.39	.139	11.2	122.3	2.00	106.9	.135	5	1.95	.011	.07	.4	7.6	<.02	<.01	89	<.1	.02	7.2
76365	.41	42.52	6.47	45.3	33	24.1	13.0	520	2.99	9.0	.5	3.9	3.3	42.8	.07	.99	.08	94	.52	.110	14.2	53.1	.71	122.0	.094	4	1.59	.011	.09	<.2	3.8	<.02	<.01	64	<.1	.02	5.1
76366	.58	32.85	5.24	69.5	65	23.4	12.0	356	3.14	7.4	.4	1.2	2.4	30.8	.13	.78	.08	94	.48	.076	10.3	58.5	.73	98.9	.093	4	1.72	.008	.08	<.2	3.2	<.02	<.01	40	.2	<.02	6.5
76367	.58	56.80	7.56	61.3	22	39.2	13.7	473	3.30	11.3	.5	6.2	4.2	43.7	.10	.59	.12	96	.42	.087	15.5	71.0	.91	150.6	.103	5	2.22	.012	.13	<.2	4.7	.04	<.01	63	<.1	.04	6.5
76368	.52	41.63	5.70	52.5	21	35.1	12.4	318	2.93	8.8	.5	3.7	3.4	34.5	.06	.51	.09	84	.32	.081	13.5	65.5	.72	143.3	.084	4	1.83	.008	.08	<.2	3.3	.02	<.01	47	<.1	<.02	5.3
76369	.51	20.12	7.82	78.3	90	22.0	10.5	367	2.70	4.8	.3	3.7	2.0	19.3	.14	.31	.11	79	.20	.088	8.6	54.8	.42	154.5	.080	2	1.58	.007	.06	<.2	2.3	.03	.02	32	<.1	<.02	6.2
76370	.35	41.59	5.37	41.2	30	23.6	11.4	424	2.74	6.3	.5	7.4	3.1	52.1	.05	.65	.07	87	.46	.092	12.7	39.8	.71	117.6	.103	4	1.62	.009	.10	<.2	3.6	.02	<.01	73	.1	<.02	5.0
RE 76371	.31	37.07	4.45	51.2	34	22.6	11.5	330	2.83	5.7	.4	2.4	2.8	46.3	.10	.67	.06	90	.41	.084	12.2	41.4	.71	112.2	.106	4	1.56	.009	.08	.2	3.0	<.02	<.01	45	<.1	<.02	5.1
76371	.39	37.98	4.58	53.4	32	24.4	12.0	341	2.91	6.0	.5	2.1	2.9	46.5	.10	.62	.06	94	.43	.087	12.7	42.9	.73	115.3	.110	3	1.62	.011	.08	<.2	3.1	<.02	<.01	46	.2	<.02	5.2
76372	.47	24.16	5.17	78.3	100	20.3	10.1	279	2.82	5.3	.3	2.8	2.1	25.7	.09	.80	.09	85	.28	.084	8.5	46.7	.51	102.5	.078	3	1.52	.007	.06	.3	2.6	<.02	.01	54	.2	<.02	5.7
76373	1.49	269.03	18.03	145.3	548	59.8	30.4	2937	5.68	15.3	7.6	5.8	3.2	161.2	.87	1.12	.24	143	1.23	.078	25.2	83.9	1.57	512.5	.085	12	5.50	.032	.34	<.2	14.1	<.02	<.01	285	1.1	.07	13.0
76374	.55	84.99	8.09	93.8	148	32.1	16.0	633	3.14	6.7	1.5	3.1	3.4	81.1	.23	.57	.11	95	.69	.051	14.4	66.6	1.09	194.2	.115	7	2.46	.029	.15	<.2	6.5	<.02	.02	123	.3	.02	7.2
76375	.39	35.15	6.64	39.2	43	14.1	9.0	514	2.60	8.0	.6	7.4	2.0	74.8	.13	.79	.07	100	.67	.075	10.5	32.2	.57	104.7	.111	8	1.30	.013	.10	.3	4.1	<.02	<.01	89	.2	.02	4.8
76376	.41	41.77	6.25	43.5	44	19.1	10.4	506	2.52	8.6	.5	9.2	2.3	56.2	.11	.71	.07	89	.64	.107	10.7	42.1	.69	115.5	.090	6	1.49	.012	.11	.3	3.8	<.02	<.01	76	.1	<.02	4.9
76377	.44	33.38	4.55	42.0	53	14.7	10.0	495	2.67	7.0	.5	5.4	1.9	55.1	.14	.88	.06	100	.63	.073	9.5	36.2	.59	88.4	.095	6	1.30	.010	.07	.3	3.7	<.02	<.01	56	.2	<.02	4.9
76378	.36	97.00	7.75	53.1	25	24.0	14.9	616	3.48	14.2	.6	16.5	2.7	92.5	.06	1.19	.09	117	.85	.117	10.4	44.9	1.17	188.8	.142	9	2.40	.016	.18	.3	6.0	<.02	<.01	152	.1	.08	6.9
76379	.33	36.51	5.16	34.5	30	13.7	8.9	449	2.44	9.7	.5	9.5	2.3	67.8	.07	.81	.07	99	.79	.114	10.3	34.4	.63	90.4	.116	7	1.32	.014	.09	.3	3.9	<.02	<.01	60	.2	<.02	4.6
76380	.38	33.98	4.37	54.2	50	15.5	9.7	367	2.46	5.3	.4	4.0	1.6	49.7	.11	.72	.06	93	.64	.046	8.8	37.5	.64	87.7	.094	6	1.42	.010	.06	.2	3.7	<.02	.01	72	.2	<.02	5.2
76381	.40	43.48	5.48	41.1	29	20.4	11.8	515	2.66	8.5	.4	15.3	2.5	56.7	.07	.62	.07	94	.65	.091	10.9	36.4	.74	111.3	.113	5	1.61	.011	.11	<.2	3.8	<.02	<.01	51	.2	.02	5.3
76382	.39	38.84	4.23	46.9	75	16.6	9.4	423	2.58	6.1	.4	8.3	1.7	50.1	.08	.65	.06	93	.60	.061	8.8	35.3	.64	85.5	.094	5	1.42	.009	.06	.3	3.7	<.02	.02	39	.2	<.02	5.0
76383	.34	36.64	4.77	46.2	47	22.2	9.9	355	2.50	5.9	.4	2.9	2.5	42.8	.07	.59	.07	85	.51	.059	11.0	46.9	.68	100.9	.102	4	1.39	.011	.08	<.2	3.7	<.02	.02	57	.1	<.02	4.7
76384	.28	25.12	4.13	51.5	51	17.6	8.4	255	2.03	3.2	.3	1.4	1.8	30.3	.08	.37	.06	70	.37	.025	9.3	41.4	.53	71.5	.093	2	1.22	.009	.06	<.2	2.8	<.02	<.01	32	.2	<.02	4.5
STANDARD	13.83	125.16	31.92	156.4	260	37.6	11.7	810	2.98	52.7	18.5	199.1	3.4	26.5	9.98	9.75	10.51	72	.51	.086	15.3	153.0	.58	147.0	.094	2	1.66	.030	.15	7.3	2.8	1.81	.04	236	2.5	1.89	6.0

Standard is STANDARD DS2. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
76385	.66	169.44	7.08	55.8	34	10.8	12.6	541	4.51	18.7	.6	6.9	2.6	50.9	.04	1.95	.09	238	.72	.251	16.8	28.9	.44	95.9	.044	6	1.51	.008	.16	.2	7.2	<.02	.01	286	.2	.04	5.8
76386	.36	38.02	5.54	36.0	18	19.4	10.0	388	3.19	7.0	.5	6.1	3.2	49.4	.06	.72	.08	113	.60	.064	13.1	56.2	.62	96.1	.123	5	1.27	.009	.08	<.2	3.4	.02	.02	122	<.1	.02	4.2
76387	.53	29.93	6.16	52.2	64	18.8	10.3	264	3.16	5.2	.4	3.0	1.9	35.0	.10	.57	.09	101	.41	.075	8.9	47.9	.51	85.7	.095	5	1.80	.008	.07	<.2	2.4	.02	.01	36	.2	.02	5.9
76388	.43	60.95	8.16	52.7	22	29.9	11.8	398	3.27	9.6	.6	3.7	4.3	55.6	.07	.82	.11	92	.42	.075	15.9	55.4	.82	165.6	.101	5	2.31	.010	.15	<.2	4.7	.05	<.01	79	.2	.03	6.2
76389	.53	31.30	7.31	65.9	63	31.6	13.2	257	2.91	4.3	.5	10.5	3.1	30.3	.11	.48	.10	80	.24	.071	12.5	48.1	.53	137.1	.092	5	2.30	.008	.08	<.2	2.6	.04	<.01	43	.1	<.02	6.4
76390	.35	51.14	6.18	64.1	40	24.1	14.8	381	3.62	6.4	.6	6.2	3.3	52.3	.06	.53	.08	122	.56	.157	13.2	48.5	.78	114.8	.128	5	2.06	.009	.12	<.2	4.9	.03	<.01	48	.1	.03	6.1
76391	.40	32.54	5.67	86.8	92	25.9	12.8	328	3.46	5.7	.6	2.5	3.3	37.9	.10	.46	.09	98	.47	.215	13.4	47.8	.73	151.5	.097	4	1.95	.008	.09	<.2	3.6	.03	<.01	41	.2	<.02	5.8
76392	.52	31.58	5.58	91.2	104	27.4	13.8	334	3.47	4.3	.4	18.9	2.6	36.1	.12	.42	.09	101	.44	.257	9.7	50.2	.68	163.7	.115	4	2.03	.008	.09	<.2	3.9	.02	<.01	41	.2	<.02	6.4
76393	.46	25.79	7.08	131.7	224	17.7	11.7	381	3.43	4.8	.5	2.9	2.6	38.7	.16	.40	.12	95	.45	.308	9.1	42.6	.61	219.7	.098	4	1.96	.007	.08	<.2	3.4	.03	.01	47	.2	.02	6.7
76394	.35	31.26	6.75	51.8	130	16.0	8.0	301	1.82	2.7	.4	3.7	2.2	36.3	.06	.26	.13	62	.42	.068	10.0	30.9	.68	86.2	.100	3	1.43	.008	.07	<.2	2.6	.03	<.01	31	<.1	<.02	5.1
RE 76394	.35	33.79	6.65	54.4	120	16.6	8.3	323	1.89	2.9	.4	8.4	2.4	43.2	.05	.27	.12	68	.49	.070	11.2	33.9	.70	89.8	.126	4	1.53	.009	.08	<.2	2.9	.03	<.01	26	.1	<.02	5.2
76395	.52	33.03	6.18	68.5	177	26.4	11.8	249	3.21	5.5	.6	1.9	3.3	36.7	.10	.38	.10	93	.38	.139	11.6	53.2	.64	122.3	.106	3	2.29	.009	.08	<.2	3.3	.04	<.01	44	.2	<.02	6.9
76396	.35	20.55	5.80	65.4	79	15.1	8.9	271	2.72	2.9	.4	1.0	2.1	34.7	.10	.38	.08	89	.35	.130	8.6	37.7	.48	140.2	.083	3	1.35	.008	.05	<.2	2.2	.03	<.01	20	<.1	<.02	5.4
76397	.54	8.03	5.63	40.9	49	6.3	5.4	619	2.68	3.3	.2	.8	1.1	24.6	.10	.70	.11	98	.22	.034	6.0	27.5	.18	100.0	.080	2	.53	.005	.03	.3	1.6	.03	.02	24	<.1	<.02	4.1
76398	.71	47.71	2.98	71.7	55	44.6	22.8	333	4.83	6.7	.3	1.4	.9	28.7	.07	.45	.05	171	.35	.133	4.0	106.8	.97	131.7	.047	2	1.58	.005	.04	<.2	6.8	<.02	<.01	31	.1	<.02	7.9
76399	.79	16.03	6.42	91.0	67	11.0	11.9	597	3.60	3.2	.4	2.7	1.4	29.1	.11	.60	.12	118	.28	.272	6.3	39.7	.80	90.7	.123	5	2.11	.009	.08	.3	4.5	.02	<.01	43	.3	.02	9.0
STANDARD DS2	13.76	126.99	34.86	158.0	270	33.8	11.1	816	3.06	54.1	18.8	201.1	3.6	28.3	9.77	10.27	11.38	73	.52	.092	15.3	154.9	.59	149.5	.097	4	1.68	.030	.16	7.7	2.6	1.78	.03	230	2.2	1.91	6.0

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

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PH(604)253-FA(604)

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 401-WR File # A002020

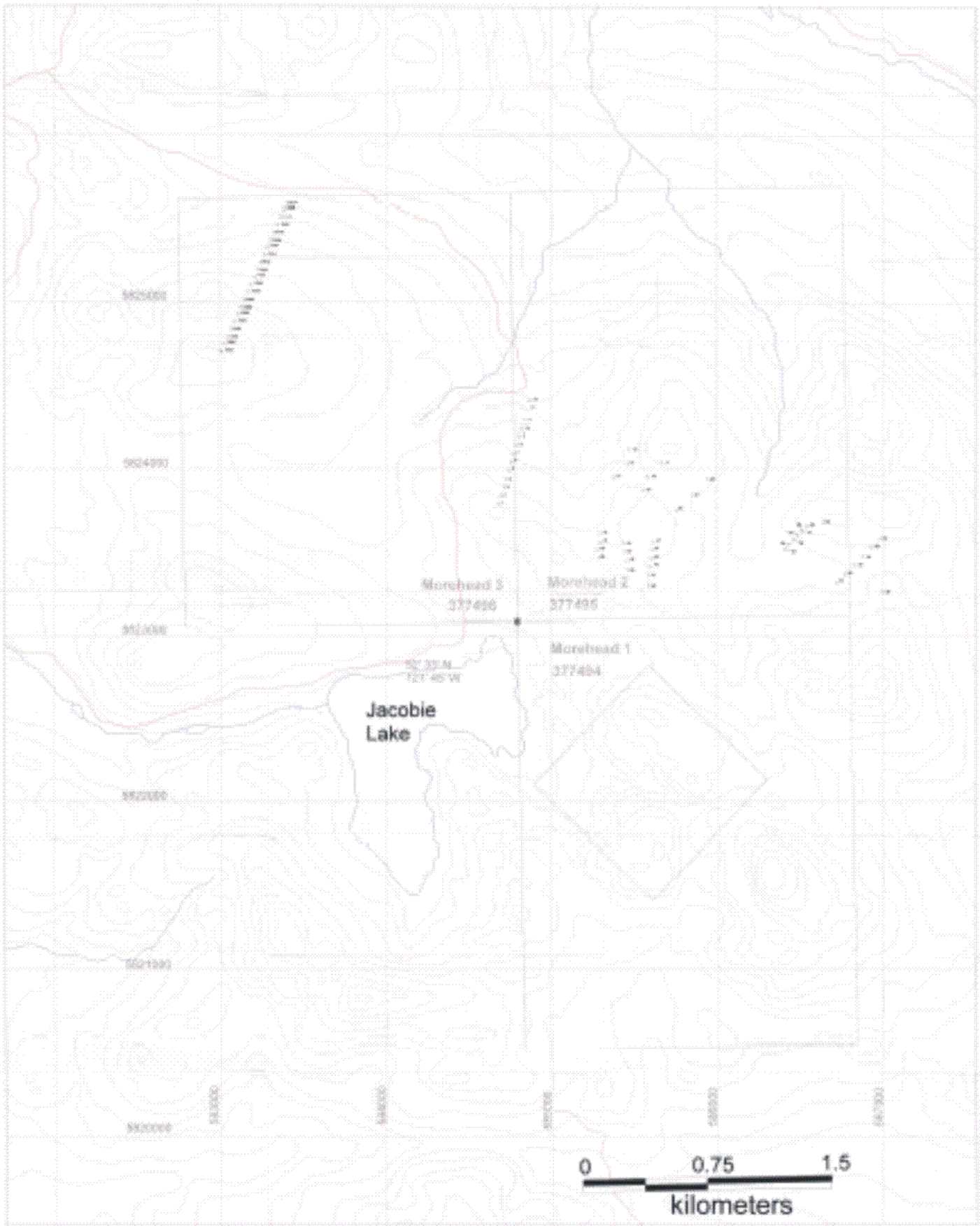
1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rob Cameron

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
76111	.98	19.06	1.85	40.2	22	27.7	21.4	1108	1.64	21.4	<.1	.7	<.1	79.8	.07	1.32	<.02	50	9.13	.003	.6	28.1	4.48	31.8	.007	2	.06	.013	<.01	5.9	6.1	<.02	.04	6	<.1	.02	.4
76229	1.29	2046.13	12.78	53.4	1146	27.9	37.8	1186	5.45	12.6	.5	12.4	1.6	129.3	.34	1.88	<.02	254	4.66	.293	15.3	95.9	2.39	79.3	.118	14	1.69	.018	.05	1.1	11.1	<.02	.05	290	1.3	.03	10.3
RE 76229	1.28	2088.43	13.11	54.1	1201	28.3	36.7	1203	5.53	12.6	.6	13.9	1.7	128.6	.34	1.94	<.02	257	4.70	.296	15.9	98.6	2.42	82.4	.120	13	1.71	.018	.04	1.1	11.4	<.02	.05	303	1.2	.02	10.6

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 27 2000 **DATE REPORT MAILED:** July 7/00 **SIGNED BY.** D. Toye ...D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data P FA ____



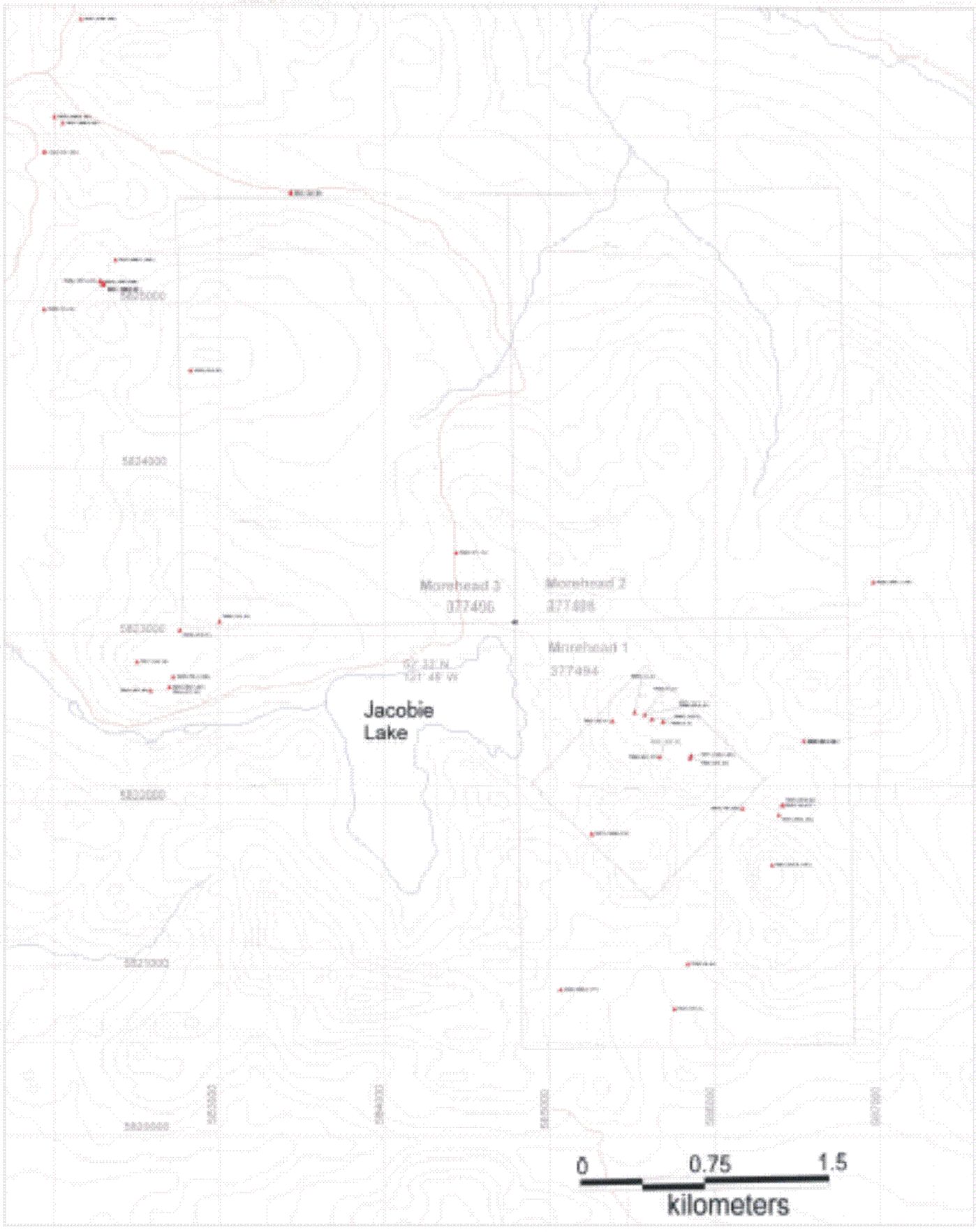
Pit Geochemistry

Soil Line Geochemistry

26,614

Morehead Property, British Columbia

Soil Plan and Geochemistry


Morehead 3
377406
Morehead 2
377406
Morehead 1
377494
Jacobie
Lake
0
0.75
1.5
kilometers

26,614