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**GEOCHEMICAL REPORT
KENDALL PROPERTY
Cariboo Mining Division
British Columbia
93H7W
Project 284**

by

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Western District
1409 - 409 Granville Street
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March 11, 1998

Work Paid for by Phelps Dodge Corporation of Canada, Limited

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

25,454

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SUMMARY

The Kendall copper property is situated in the Cariboo Mountains in east central British Columbia 44 kilometres northwest of McBride and is accessed by helicopter from McBride. A program of prospecting and chip sampling was completed in late September 1997.

The property is underlain by northwest trending dolomite, shale, siltstone quartzite and phyllite units which in the central claim area are cut by a north-trending west dipping normal fault. Copper mineralization, hosted in quartz and quartz-carbonate breccia within the fault, has been traced on surface in a zone some 1500 meters long and 5 metres to 10 metres wide.

Grab samples collected over 1200 metres of the mineralized zone returned copper tenors up to 5.10% and silver up to 2826ppb. Three 7 to 9 metre long chip samples averaged 0.37%, 0.72% and 0.51% copper. Similar copper bearing quartz float samples collected at the base of a moraine covered cirque 1500 metres north of the mineralized zone may lie near the northern extension of the zone.

INTRODUCTION

Results of a geochemical rock sampling program conducted on the Kendall property and completed between September 25th and October 1 is recorded herein. Work was staged from the town of McBride.

LOCATION AND ACCESS

The property is situated in the rugged Cariboo Mountains in east central British Columbia about 44 kilometres northwest of McBride (Figure 1) and is accessible by helicopter only. The property lies above tree line and two glaciers cover 30% of the claim area. The approximate geographic center of the property is 53E27°North and 120E48°West.

CLAIM INFORMATION

The Kendall property consists of one 2 post claim and two modified grid system claims. The claims are located in the Cariboo Mining Division and are shown on B.C. Ministry of Employment and Investment claim map 093H07W and on Figure 1. Pertinent tenure details are tabulated below. Dates listed assume work reported herein is accepted for assessment purposes.

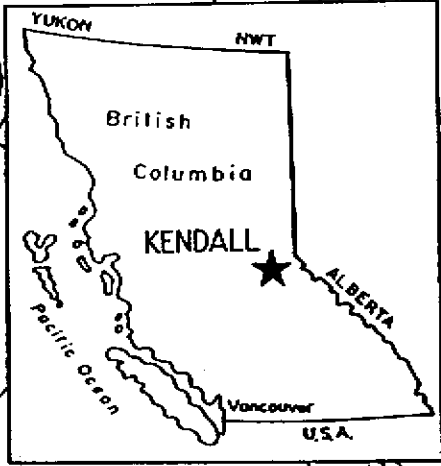
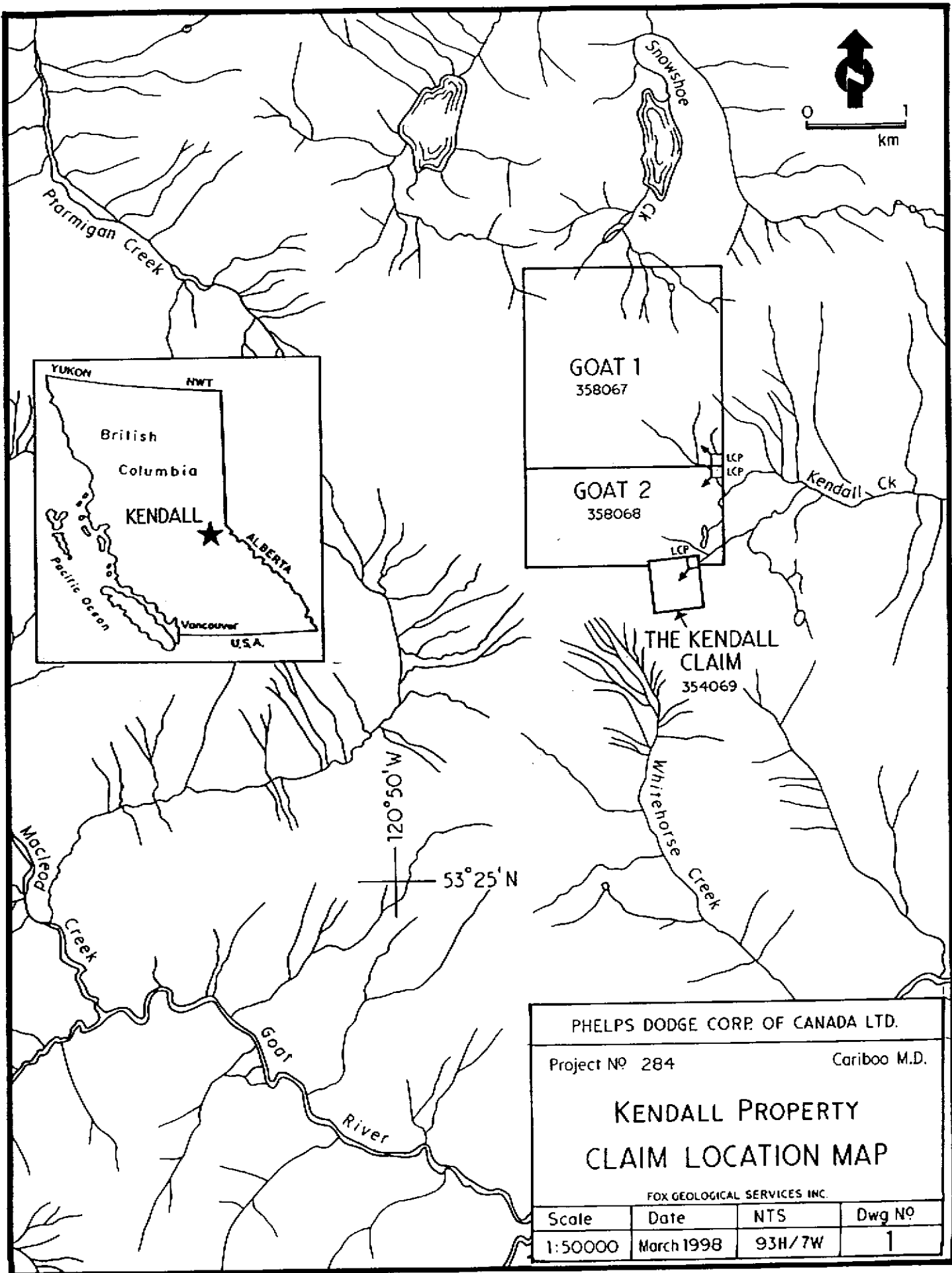
Claim Name	Record Number	Units	Expiry Date
The Kendall Claim	354069	1	February 24, 2000
Goat 1	358067	16	July 13, 2000
Goat 2	358068	2	July 13, 2000

HISTORY

There is no documented work on or around the property and no nearby mineral occurrence is recorded in the BC Minfile database. The area immediately to the north was staked in 1988 but the claims were canceled shortly thereafter. Samples collected in 1996 from the discovery showing returned from 1% to 6.64% copper.

ENVIRONMENTAL

The 1997 work was done under work approval number PGR1997-1101895-8637 and reclamation permit number MX-11-104.



PHELPS DODGE CORP. OF CANADA LTD.			
Project No 284		Cariboo M.D.	
KENDALL PROPERTY CLAIM LOCATION MAP			
FOX GEOLOGICAL SERVICES INC.			
Scale	Date	NTS	Dwg No
1:50000	March 1998	93H/7W	1

REGIONAL GEOLOGY

The Carriboo Mountain area lies within the Omenica structural belt of the Canadian Cordillera. Geologic interpretations by Campbell et al (GSC Paper 72-35) and Monger et al (GSC Map 1712a), and summarized in Figure 2, show the area is underlain by a northwest plunging synform cored with Upper Proterozoic Windermere rocks and flanked on the east and west by Lower Cambrian Gog rocks. The Windermere and Gog assemblages consist of thick sequences of gritty, feldspathic sandstone, siltstone, shale and limestone which are variably metamorphosed from lower greenschist to upper amphibolite facies. Cambrian Rocky Mountain carbonate and shale form a minor part of the stratigraphic pile here.

LOCAL GEOLOGY

From northeast to southwest the Kendall property is underlain by northwest trending dolomite, shale and siltstone, siltstone and quartzite and phyllite with moderate dips to the southwest (see Figure 3). This sequence of rocks is mapped by Campbell et al. (GSC Paper 72-35) as the Upper Windermere Cunningham, Yankee Belle, Yanks Peak and Midas Formations respectively. These units are weakly foliated and locally are tightly folded and in the north and south claim area appear to form an uninterrupted sequence. In the central claim area a prominent siltstone and quartzite ledge some 30+ m thick is truncated by a normal fault some 1500 meters long trending 150° SE and dipping 85° W. From north to south the fault appears to cut up-section from siltstone and quartzite to phyllite and then, some 1200 meters south, down section from phyllite into quartzite and siltstone. The fault is 5 metres to 10 metres wide, hosts a variety of lithologies in a quartz and quartz-carbonate matrix and where in contact with the hanging-wall phyllite hosts the bulk of the copper mineralization.

MINERALIZATION







Pyrite, chalcopyrite, and arsenopyrite form irregular stringers and pods of semi-massive sulphides. Locally semi-massive sulphides form zones some 2m long and up to 50cm thick. Trace bornite, chalcocite, native copper and galena are also present. Fractures within the veins commonly contain malachite and lesser azurite.

1997 WORK PROGRAM

The 1997 program of mapping, prospecting and chip sampling was carried out between September 25 and October 1, 1997 during which 30 rock samples were collected. Ultratrace analytical work was done by Acme Analytical Laboratories in Vancouver. Geochemical sample results with descriptions are given in Appendix I and complete



modified from Journey and Stephen 1995

- | | |
|---|---|
|  Upper Proterozoic-Paleozoic Eagle Bay |  Devonian-Triassic Slide Mountain |
|  Upper Proterozoic Gog |  Devonian-Mississippian Earn |
|  Upper Proterozoic Windermere |  Cambrian-Devonian Rocky Mountains |

PHELPS DODGE CORPORATION OF CANADA, LIMITED	
Project 284	Cariboo Mining Division
REGIONAL GEOLOGY	
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Figure 2	

analytical results in Appendix II. A geology /sample location plan is given in Figure 3.

RESULTS

Grab samples collected over 1200 metres of the mineralized zone in the central claim area returned copper tenors from 76.6 ppm up to 5.10% and silver content from 111ppb to 2826ppb. Eight grab samples returned copper greater than 1.00%. Three chip samples spaced approximately 50 metres apart returned 0.37% Cu over 9 metres 0.72% Cu over 7 metres and 0.51% Cu over 8 metres. Numerous boulders of chalcopyrite-bearing quartz float were observed in a cirque some 1.5km north of the showing. Samples from two of the boulders returned 1.80% and 2.29% copper.

CONCLUSIONS AND RECOMMENDATIONS

A steep west-dipping fault in the central claim area and traced on surface for some 1500 metres in a north-northwest direction appears to be a host for a zone of copper-bearing quartz-carbonate breccia and quartz stockwork 1200 meter long and 5 metres to 10 metres wide. Sampling over the zone returned low grade intervals overall with local patches of high grade material. The best result is 0.72% over 7 metres.

Discovery of copper-bearing float in the cirque north of the mineralized zones warrants further detailed prospecting.

DISBURSEMENTS

Disbursements to the end of December 1997 are summarised below.

Accommodation and Board - 12 mandays@\$65/day(2 man crew)	\$780
Assays - 30 rock samples@\$18/sample	540
Labour - 12 mandays@\$525/day(2 man crew)	6,300
Helicopter - 6hr@\$800/hr	<u>4,800</u>
Project Total	\$ <u>12,420</u>

FOX GEOLOGICAL SERVICES INC.

Per

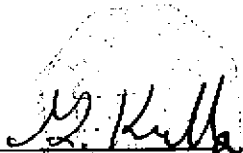


Greg K. Kulla, B.Sc., P. Geo.
March 11, 1998

CERTIFICATE

I, Gregory Kenneth Kulla certify to the following:

1. I am a consulting geologist residing at 9756 Crown Crescent, Surrey, B.C.
2. I am a Professional Geoscientist registered in the Association of Professional Engineers and Geoscientists of British Columbia.
3. I obtained a Bachelor of Science (geology) from the University of British Columbia in 1988.
4. I have been engaged in geological work since graduation in 1988.
5. I conducted the work reported herein.



Greg K. Kulla B.Sc., P.Geol.
Vancouver, B.C.
March 11, 1998

Appendix I
Geochemical Sample Results with Descriptions

PHELPS DODGE CORPORATION OF CANADA, LIMITED

KENDALL PROJECT

PROJECT 284

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
55174	KENDALL	GRAB	BEDROCK	MALACHITE IN QUARTZITE			21.0	24231	5.5	2.5	2826pp	7	4	9.8	-1	-1	1035pp
55175	KENDALL	GRAB	BEDROCK	DISSEMINATED PY-CP IN QUARTZITE			23.7	28515	5.9	16.1	7691pp	30	5	5.9	-1	2ppb	640ppb
55176	KENDALL	GRAB	BEDROCK	LIMONITE PYRITIC QUARTZITE	5926500	644600	4.2	249.2	43.3	19.7	134ppb	27	18	12.9	0.7	-1	72ppb
55177	KENDALL	GRAB	FLOAT	GREEN STAINED PEBBLE CONGLOMERATE	5926550	644700	2.2	76.6	2.9	2.2	151ppb	6	10	7.3	-1	-1	10ppb
55178	KENDALL	GRAB	BEDROCK	CHALCOPYRITE IN QUARTZ	5926550	644975	10.6	17985	3.9	14.5	1095pp	16	8	11.9	-1	-1	383ppb
55179	KENDALL	GRAB	FLOAT	CHALCOPYRITE IN QUARTZ	5926700	645500	14.1	22868	-1	22.0	2375pp	10	2	-1	-1	-1	403ppb
61996	KENDALL	GRAB	BEDROCK	40% PYRITE IN QUARTZITE	5924550	646525	-1	14022	8.9	28.6	677ppb	279	60	137.0	-1	12ppb	64ppb
61997	KENDALL	GRAB	BEDROCK	QUARTZ, 5-10% CHALCOPYRITE, MALACHITE	5924750	646425	-1	12061	-1	28.0	-1	18	7	-1	-1	17ppb	14ppb
62379	KENDALL	GRAB	BEDROCK	20% PYRITE IN QUARTZ STRINGERS	5924550	646550	0.7	182.9	14.8	2.5	111ppb	109	40	43.2	0.5	11ppb	19ppb
62380	KENDALL	GRAB	BEDROCK	MALACHITE STAIN & CHALCOPYRITE BLEBS	5924600	646550	-1	48584	4.1	183.2	2824pp	191	54	81.5	1	15ppb	108ppb
62381	KENDALL	GRAB	BEDROCK	MALACHITE AND CHALCOPYRITE IN QUARTZ	5924850	646525	-1	28611	3.7	34.5	1571pp	7	2	-1	-1	17ppb	35ppb
62382	KENDALL	GRAB	BEDROCK	MOTTLED GREY QUARTZITE, TRACE PYRITE	5925180	646102	0.8	155.7	33.1	10.6	153ppb	15	11	2.1	0.2	9ppb	-1
62383	KENDALL	GRAB	BEDROCK	GREY QUARTZITE WITH 1% DISS. PYRITE	5925101	646102	1.0	50.6	3.9	6.8	-1	22	18	7.6	-1	11ppb	-1
62384	KENDALL	GRAB	BEDROCK	LIGHT GREY QUARTZITE, TRACE PYRITE	5925030	646098	0.7	18.7	2.2	1.4	-1	7	5	10.2	-1	6ppb	-1
62385	KENDALL	GRAB	BEDROCK	PYRITIC QUARTZ VEINS IN SHEAR ZONE	5925000	646170	0.8	22.6	21.7	-1	-1	32	18	18.3	0.4	5ppb	13ppb
62386	KENDALL	GRAB	BEDROCK	MASSIVE SULPHIDES IN PEBBLY QUARTZIT	5924900	646199	-1	50954	9.7	37.9	2424pp	301	103	56.6	-1	21ppb	587ppb
62387	KENDALL	GRAB	BEDROCK	DARK GREY PHYLLITE, MALACHITE	5924850	646340	0.4	215.2	3.3	72.5	-1	18	10	0.8	-1	3ppb	10ppb
62388	KENDALL	GRAB	BEDROCK	QUARTZ VEIN, CHALCOPYRITE STRINGERS	5924801	646385	-1	34988	3.3	37.1	674ppb	24	12	-1	-1	3ppb	-1
62803	KENDALL	CHIP	BEDROCK	9M CHIP: 0-1M			10.7	17652	-1	8.6	-1	47	54	20.2	-1	-1	165ppb
62804	KENDALL	CHIP	BEDROCK	9M CHIP: 1-2M			2.2	642.7	2.6	5.2	45ppb	11	2	3.8	-1	-1	19ppb
62805	KENDALL	CHIP	BEDROCK	9M CHIP: 2-3M			2.0	432.3	2.8	4.4	103ppb	8	6	6.7	0.3	-1	-1
62806	KENDALL	CHIP	BEDROCK	9M CHIP: 3-4M			2.9	652.4	8.6	3.3	66ppb	13	13	31.1	0.9	-1	46ppb
62807	KENDALL	CHIP	BEDROCK	9M CHIP: 4-5M			4.1	2887.3	5.2	3.9	99ppb	9	4	5.1	-1	-1	41ppb
62809	KENDALL	CHIP	BEDROCK	9M CHIP: 5-6 M			4.8	10643	8.3	5.7	398ppb	21	7	61.1	-1	2ppb	101ppb
62809	KENDALL	CHIP	BEDROCK	9M CHIP: 6-7 M			1.3	143.2	10.9	2.3	33ppb	48	19	33.5	0.3	-1	22ppb
62810	KENDALL	CHIP	BEDROCK	9M CHIP: 7-8 M			1.7	341.4	10.1	1.9	-1	73	27	36.7	0.2	-1	25ppb
62811	KENDALL	CHIP	BEDROCK	9M CHIP: 8-9 M			1.8	228.5	6.7	2.4	-1	19	13	29.0	0.3	-1	17ppb
62812	KENDALL	CHIP	BEDROCK	7M CHIP: 0-1M (WEST)			25.1	28946	10.2	27.0	1727pp	14	3	6.8	-1	-1	283ppb
62813	KENDALL	CHIP	BEDROCK	7M CHIP: 1-2M			3.8	4790.1	5.8	6.2	-1	13	13	8.7	-1	-1	25ppb
62814	KENDALL	CHIP	BEDROCK	7M CHIP: 2-3M			10.4	15994	5.6	6.4	522ppb	35	26	53.5	-1	2ppb	121ppb
62815	KENDALL	CHIP	BEDROCK	7M CHIP: 3-4M			2.0	225.4	6.0	1.5	57ppb	5	3	22.1	0.3	-1	19ppb
62816	KENDALL	CHIP	BEDROCK	7M CHIP: 4-5M			2.1	90.4	8.2	5.3	-1	8	4	48.3	0.7	1ppb	31ppb
62817	KENDALL	CHIP	BEDROCK	7M CHIP: 5-6M			2.0	27.4	3.8	3.5	-1	9	2	7.3	0.3	-1	11ppb
62818	KENDALL	CHIP	BEDROCK	7M CHIP: 6-7M			1.6	16.3	4.2	2.1	-1	7	2	3.1	-1	-1	17ppb
62819	KENDALL	CHIP	BEDROCK	9M CHIP: 0-1M (WEST)			1.3	83.6	2.7	5.4	-1	8	2	-1	-1	-1	21ppb
62820	KENDALL	CHIP	BEDROCK	9M CHIP: 1-2M			1.3	92.0	2.9	5.8	34ppb	6	3	1.4	-1	-1	11ppb
62821	KENDALL	CHIP	BEDROCK	9M CHIP: 2-3M			2.7	1722.8	5.1	5.5	51ppb	11	6	10.6	0.2	1ppb	34ppb
62822	KENDALL	CHIP	BEDROCK	9M CHIP: 3-4M			23.9	28478	13.7	18.1	1455pp	18	20	35.3	2.6	4ppb	263ppb
62823	KENDALL	CHIP	BEDROCK	9M CHIP: 4-5M			3.8	3748.2	5.2	7.9	-1	14	13	11.4	-1	-1	-1

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
62824	KENDALL	CHIP	BEDROCK	9M CHIP: 5-6M			4.0	1478.5	5.1	5.4	317ppb	13	8	45.2	0.4	6ppb	64ppb
62825	KENDALL	CHIP	BEDROCK	9M CHIP: 6-7M			4.4	4090.5	5.3	6.6	1766pp	18	7	8.6	-1	-1	39ppb
62826	KENDALL	CHIP	BEDROCK	9M CHIP: 7-8M			3.3	1413.0	4.8	5.2	-1	16	11	-1	-1	-1	12ppb

**Appendix II
Analytical Results**



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE



Phelps Dodge Corp. PROJECT 284 File # 97-5922

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

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	Au+
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
55174	21.0	24230.7	5.5	2.5	2826	7	4	43	.59	9.8	<5	<2	<1	.23	<2	<2	<1	.01	<.001	1	19	.01	<1	<.01	<3	.04	.01	.03	8	<2	1035	<3	13.6	<5	<1
55175	23.7	28514.9	5.9	16.1	7691	30	5	27	4.60	5.9	5	<2	<1	.56	<2	4.0	<1	<.01	<.001	1	16	<.01	2	<.01	<3	.03	.01	.02	4	2.0	640	4.9	17.0	6.1	2
55176	4.2	249.2	43.3	19.7	134	27	18	67	3.65	12.9	<5	10	29	.02	.7	<2	6	.24	.120	13	22	.08	37	<.01	<3	.38	.01	.19	7	<2	72	<3	<2	1.9	<1
55177	2.2	76.6	2.9	2.2	151	6	10	46	.46	7.3	<5	4	1	.02	<2	<2	1	.01	.005	6	29	.01	3	<.01	<3	.03	<.01	.01	6	<2	10	<3	<2	<5	<1
55178	10.6	17985.3	3.9	14.5	1095	16	8	41	2.61	11.9	<5	<2	2	.19	<2	2.4	<1	.04	.006	2	21	.01	3	<.01	<3	.05	.01	.04	9	<2	383	<3	8.9	<5	<1
55179	14.1	22867.7	<3	22.0	2375	10	2	59	2.61	<5	<5	<2	2	.21	<2	<2	<1	.27	<.001	<1	20	.12	<1	<.01	<3	.03	<.01	<.01	6	<2	403	<3	11.5	<5	<1
62803	10.7	17651.5	<3	8.6	<300	47	54	463	5.04	20.2	<5	<2	16	.12	<2	4.5	1	3.11	<.001	1	15	1.46	16	<.01	<3	.05	.01	.02	6	<2	165	<3	7.5	<5	<1
62804	2.2	642.7	2.6	5.2	45	11	2	474	1.47	3.8	<5	<2	38	.04	<2	<2	2	5.83	.008	2	16	2.22	7	<.01	3	.07	.01	.03	5	<2	19	<3	.3	.8	<1
62805	2.0	432.3	2.8	4.4	103	8	6	160	.67	6.7	<5	2	4	.05	.3	<2	1	.17	.010	3	22	.05	<1	<.01	<3	.03	<.01	.02	9	<2	<10	<3	.3	.6	<1
62806	2.9	652.4	8.6	3.3	66	13	13	138	1.13	31.1	<5	7	11	.03	.9	.5	3	.52	.061	13	15	.15	20	<.01	<3	.17	.01	.13	5	<2	46	<3	.4	1.0	<1
62807	4.1	2887.3	5.2	3.9	99	9	4	144	1.28	5.1	<5	<2	12	.06	<2	<2	1	.86	.033	5	20	.22	3	<.01	<3	.09	.01	.06	8	.3	41	.5	1.5	2.1	<1
62808	4.8	10642.8	8.3	5.7	398	21	7	144	3.15	61.1	<5	<2	13	<.10	<2	<2	1	.23	.117	5	19	.07	9	<.01	<3	.10	.01	.07	6	<2	101	<3	5.0	<5	2
62809	1.3	143.2	10.9	2.3	33	48	19	50	3.27	33.5	5	2	8	.02	.3	<2	2	.07	.033	7	16	.01	7	<.01	<3	.14	<.01	.12	6	<2	22	.7	<2	.5	<1
62810	1.7	341.4	10.1	1.9	<30	73	27	181	5.36	36.7	<5	<2	5	.01	.2	.9	1	.29	.010	1	19	.09	1	<.01	<3	.05	<.01	.02	7	<2	25	1.4	<2	<5	<1
62811	1.8	228.5	6.7	2.4	<30	19	13	138	1.64	29.0	<5	3	21	.02	.3	<2	3	.37	.173	12	19	.01	9	<.01	3	.16	<.01	.11	8	<2	17	.3	<2	.6	<1
62812	25.1	28945.6	10.2	27.0	1727	14	3	192	3.64	6.8	<5	<2	16	.56	<2	10.1	<1	1.34	<.001	2	14	.61	10	<.01	<3	.07	<.01	.04	5	2.2	283	4.1	21.6	9.5	<1
62813	3.8	4790.1	5.8	6.2	<150	13	13	152	1.85	8.7	<5	4	7	<.05	<1	<1	2	.12	.030	7	16	.05	10	<.01	3	.10	<.01	.08	7	<1	25	<1.5	2.0	3.1	<1
62814	10.4	15993.8	5.6	6.4	522	35	26	33	3.48	53.5	<5	2	5	<.10	<2	<2	1	.03	.016	4	16	.01	5	<.01	<3	.09	<.01	.07	7	<2	121	<3	8.5	<5	2
RE 62814	11.0	15878.9	4.9	6.3	<300	31	26	34	3.47	50.6	<5	2	5	<.10	<2	<2	1	.03	.015	4	16	.01	<1	<.01	<3	.09	<.01	.07	6	<2	109	<3	6.8	<5	1
62815	2.0	225.4	6.0	1.5	57	5	3	53	1.10	22.1	<5	2	5	.02	.3	<2	2	.03	.014	8	23	.01	8	<.01	<3	.11	<.01	.08	10	<2	19	<3	<2	.5	<1
62816	2.1	90.4	8.2	5.3	<30	8	4	57	1.40	48.3	<5	7	4	.03	.7	<2	2	.04	.010	14	18	.02	3	<.01	<3	.12	<.01	.08	5	<2	31	<3	<2	1.0	1
62817	2.0	27.4	3.8	3.5	<30	9	2	104	.62	7.3	<5	3	4	.02	.3	<2	1	.05	.008	8	25	.02	6	<.01	<3	.07	<.01	.04	11	<2	11	<3	<2	<5	<1
62818	1.6	16.3	4.2	2.1	<30	7	2	45	.39	3.1	<5	2	3	.01	<2	<2	1	.03	.006	9	21	.01	<1	<.01	<3	.05	<.01	.03	6	<2	17	<3	<2	.5	<1
62819	1.3	83.6	2.7	5.4	<30	8	2	387	1.23	<.5	<5	<2	48	.01	<2	<2	3	5.69	.009	4	17	2.65	16	<.01	<3	.10	.01	.04	7	<2	21	<3	<2	1.2	<1
62820	1.3	92.0	2.9	5.8	34	6	3	314	1.02	1.4	<5	<2	31	.03	<2	<2	2	3.17	.020	4	14	1.00	19	<.01	<3	.14	<.01	.05	5	<2	11	<3	<2	.8	<1
62821	2.7	1722.8	5.1	5.5	51	11	6	215	1.64	10.6	<5	2	16	.03	.2	<2	2	.85	.017	8	17	.27	11	<.01	<3	.17	<.01	.07	8	<2	34	<3	.7	<.5	1
62822	23.9	28477.6	13.7	18.1	1455	18	20	167	3.97	35.3	<5	3	17	.45	2.6	<2	2	.76	.024	5	11	.23	14	<.01	<3	.20	<.01	.10	2	2.9	263	3.7	21.8	15.2	4
62823	3.8	3748.2	5.2	7.9	<150	14	13	388	1.63	11.4	<5	<2	31	.09	<1	<1	2	1.78	.009	5	17	.82	12	<.01	3	.09	<.01	.04	7	<1	<10	<1.5	1.4	<2.5	<1
62824	4.0	1478.5	5.1	5.4	317	13	8	186	2.51	45.2	<5	<2	5	.01	.4	.6	1	.23	.008	7	19	.05	15	<.01	3	.07	<.01	.03	7	<2	64	3.8	.5	1.3	6
62825	4.4	4090.5	5.3	6.6	1765	18	7	105	1.57	8.6	<5	2	6	.08	<1.2	7.1	2	.09	.048	11	24	.01	21	<.01	4	.13	<.01	.09	9	<1.2	39	<1.8	1.6	3.7	<1
62826	3.3	1413.0	4.8	5.2	<150	16	11	166	1.06	<2.5	5	5	7	.06	<1	<1	1	.14	.025	13	25	.04	12	<.01	<3	.14	<.01	.06	8	<1	12	<1.5	<1	<2.5	<1
62827	1.7	389.0	18.9	2.3	<30	10	9	117	.87	14.7	<5	10	5	.02	.3	<2	2	.09	.020	26	20	.03	15	<.01	<3	.21	<.01	.13	8	<2	18	<3	<2	<.5	<1
62829	.2	24.0	12.2	33.1	<30	4	<1	212	.47	6.5	<5	<2	1795	.05	.5	<2	1	39.97	.038	9	2	.19	14	<.01	<3	.04	.01	.02	<2	<2	<10	<3	<2	<.5	<1
STANDARD	25.9	131.5	104.1	269.5	1893	34	17	1056	4.34	59.9	17	19	64	2.06	8.9	22.7	80	.73	.106	18	59	1.13	256	.15	26	2.27	.07	.68	19	2.8	963	.8	1.8	7.4	442

Standard is STANDARD D2/C3/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 600 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: OCT 7 1997 DATE REPORT MAILED: Oct 15/97 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE



Phelps Dodge Corp. PROJECT 140 File # 97-3395

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 %	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
61996	<1.4	14022.0	8.9	28.6	677	279	60	71	15.66	137.0	<5	<2	3	<.14	<2.8	<1.4	1	.08	<.001	<1	19	.01	5	<.01	<3	.05	<.01	.02	14	<2.8	64	9.6	3.8	<7	12
61997	<1.4	12060.7	<4.2	28.0	<420	18	7	104	2.00	<7	<5	<2	6	.20	<2.8	<1.4	2	.13	<.001	4	23	.07	7	<.01	<3	.13	<.01	.02	16	<2.8	14	<4.2	3.4	<7	17
62379	.7	182.9	14.8	2.5	111	109	40	57	12.72	43.2	<5	<2	3	.04	.5	.6	<1	.12	<.001	<1	17	.05	5	<.01	<3	.03	<.01	.02	8	<.2	19	2.8	<.2	<.5	11
62380	<1	48583.5	4.1	183.2	2824	191	54	82	18.24	81.5	<5	<2	5	3.17	<2	<1	<1	.31	.135	<1	14	.12	6	<.01	<3	.04	<.01	.03	<2	<2	109	6.7	23.0	<5	16
62381	<1	28610.6	3.7	34.5	1571	7	2	42	3.87	<5	<5	<2	3	.57	<2	2.0	1	.03	.003	2	18	.01	5	<.01	<3	.04	<.01	.02	19	<2	35	<3	7.6	<5	17
62382	.8	155.7	33.1	10.6	153	15	11	113	1.67	2.1	<5	2	9	.06	.2	1.6	2	.31	.003	3	22	.08	17	<.01	<3	.28	<.01	.08	10	<.2	<10	<.3	<.2	.9	9
62383	1.0	50.6	3.9	6.8	<30	22	18	43	3.04	7.6	<5	3	2	.02	<.2	.4	3	.01	.005	4	21	.10	13	<.01	<3	.31	<.01	.10	8	<.2	<10	<.3	<.2	1.1	11
RE 62383	.9	48.8	3.7	7.1	<30	22	18	42	2.99	8.1	<5	3	2	.02	<.2	.5	3	.01	.005	4	21	.10	13	<.01	<3	.31	<.01	.10	8	<.2	<10	<.3	<.2	1.1	6
62384	.7	18.7	2.2	1.4	<30	7	5	29	1.21	10.2	<5	7	2	.01	<.2	.1	2	.01	.011	8	15	.02	15	<.01	<3	.17	<.01	.12	7	<.2	<10	<.3	<.2	.7	6
62385	.8	22.6	21.7	<1	<30	32	18	34	3.48	18.3	<5	<2	2	.01	.4	.3	2	<.01	.011	4	16	.01	8	<.01	<3	.08	<.01	.07	8	<.2	13	.3	<.2	<.5	5
62386	<1.1	50953.7	9.7	37.9	2424	301	103	23	17.75	56.6	<5	2	3	<.11	<2.2	4.4	<1	.02	<.001	2	17	.01	7	<.01	<3	.08	<.01	.05	9	<2.2	587	7.2	12.0	<5.5	21
62387	.4	215.2	3.3	72.5	<30	18	10	274	3.65	.8	<5	14	18	.02	<.2	.1	12	.17	.049	32	29	.67	30	<.01	<3	1.52	.03	.16	2	<.2	10	<.3	<.2	4.4	3
62388	<1	34987.5	3.3	37.1	674	24	12	88	3.68	<5	<5	<2	5	.60	<2	2.0	1	.17	<.001	1	19	.07	4	<.01	<3	.04	<.01	.01	15	<2	<10	<3	10.0	<5	3
STANDARD	26.7	132.9	102.5	293.4	2219	32	18	1094	4.62	79.6	21	21	60	2.11	10.4	22.9	76	.69	.110	17	56	1.29	273	.14	24	2.44	.05	.76	20	2.7	461	.8	2.3	7.6	555

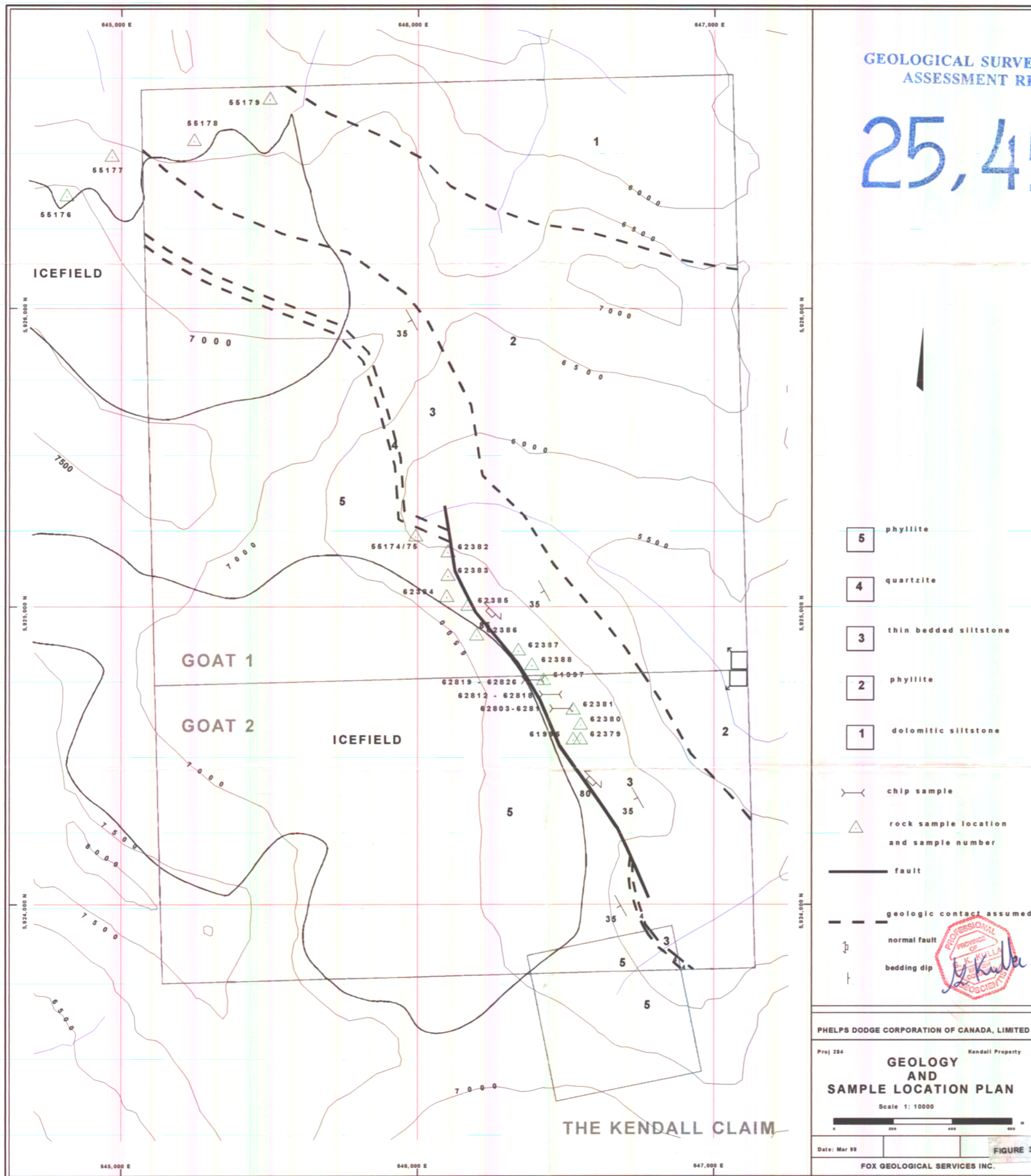
Standard is STANDARD D2/HG-500/AU-R.

ICP - 30 GRAM SAMPLE IS DIGESTED WITH 180ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 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. NO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQWAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.
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DATE RECEIVED: JUL 7 1997 DATE REPORT MAILED: *July 11/97* SIGNED BY: *C. Payne* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,454



- 5 phyllite
 - 4 quartzite
 - 3 thin bedded siltstone
 - 2 phyllite
 - 1 dolomitic siltstone
- chip sample
 - rock sample location and sample number
 - fault
 - geologic contact assumed
 - normal fault
 - bedding dip



PHELPS DODGE CORPORATION OF CANADA, LIMITED

Proj 284 Kendall Property

GEOLOGY AND SAMPLE LOCATION PLAN

Scale 1: 10000

Date: Mar 88

FIGURE 3

FOX GEOLOGICAL SERVICES INC.