

**GEOCHEMICAL AND GEOLOGICAL**

**REPORT**

on the

**MCPHEE PROPERTY**

**Nelson Mining Division  
British Columbia  
NTS 82F/05, 06  
49°17' North Latitude  
117°32' West Longitude**

**SUB-RECORDER  
RECEIVED**  
**NOV 12 1997**  
M.R. # ..... \$ .....  
**VANCOUVER, B.C.**

by

**Greg Kulla, B.Sc  
FOX GEOLOGICAL SERVICES INC.  
Suite 409 - 1409 Granville Street  
Vancouver, B.C. V6C 1T8**

Work paid for by

**PHELPS DODGE CORPORATION OF CANADA, LIMITED**

**November 9, 1997**

**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT**

**25,219**

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## SUMMARY

This report details an exploration program conducted in two parts between May and September 1997 on the McPhee property near Castlegar, B.C. Assessment work was filed in August and again in November 1997; this report encompasses both work programs. The program comprised soil sampling, prospecting and mapping over an area some seven kilometres long and three kilometres wide with a goal to delineate a previously identified gold showing and to examine the potential of the remaining claim area.

Geochemical results indicate moderate to low base and precious metal values in soils and generally uneconomic values in rocks. A weak, single station wide, linear gold anomaly some 1200m to 2500m long may be coincident with the regional metamorphic trend within the Elise volcanics. Elevated gold, copper, lead and zinc in soils is also coincident with quartz stockworks in the Bonnington monzonite.

A follow up soil profile sampling program along the linear gold trend may expose pyritic bearing volcanics similar to the original McPhee showing and prospecting of the quartz stockworks in the quartz monzonite is also recommended.

## **INTRODUCTION**

This report details an exploration program conducted in two parts between May and September 1997 on the McPhee property near Castlegar, B.C. Assessment work was filed in August and again in November 1997; this report encompasses both work programs. The program comprised soil sampling, prospecting and mapping over an area some seven kilometres long and three kilometres wide with a goal to delineate a previously identified gold showing and to examine the potential of the remaining claim area.

## **LOCATION AND ACCESS**

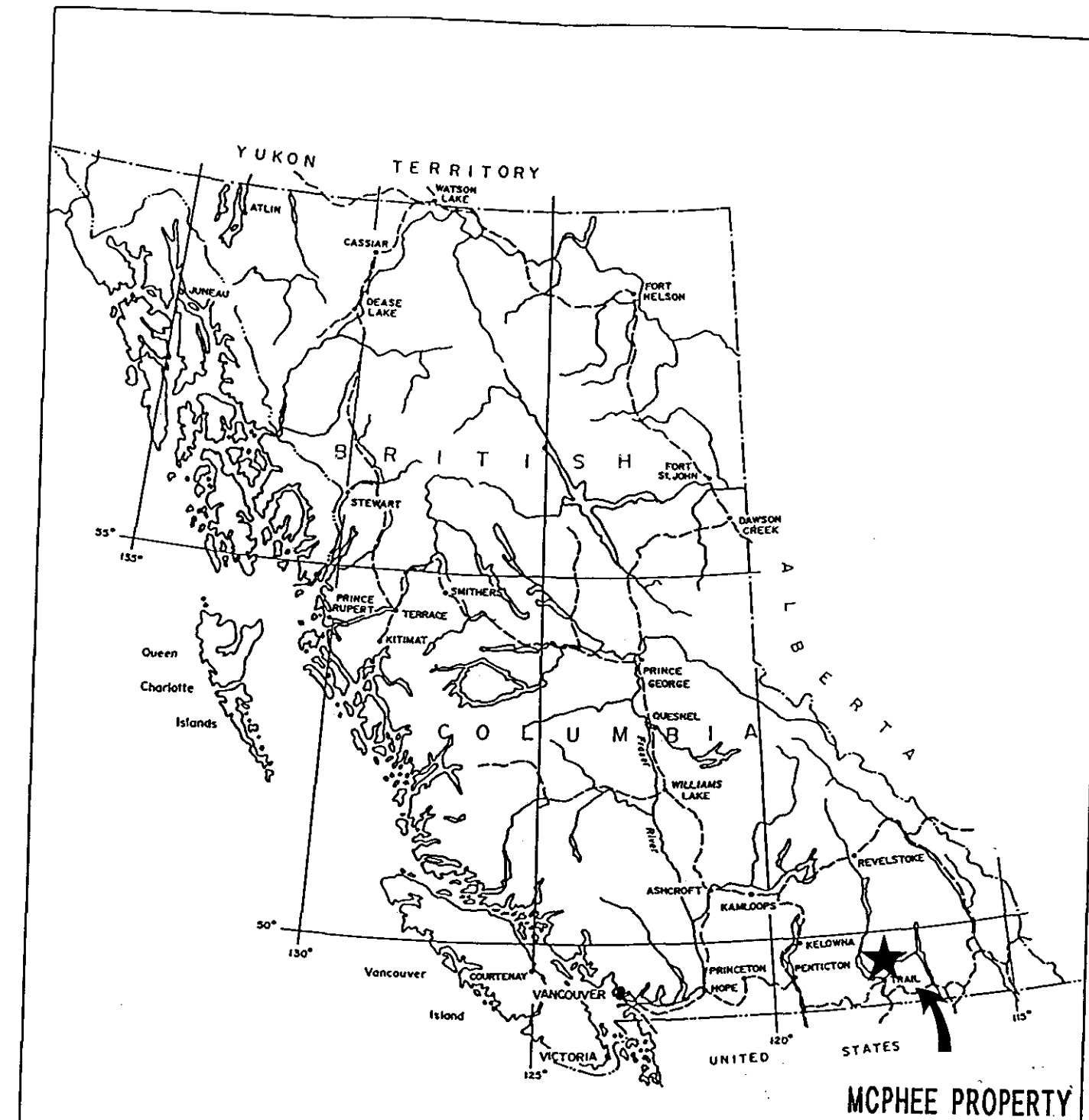
The McPhee property is located approximately 6 kilometres east of Castlegar, British Columbia (Figure 1). The claims are situated on McPhee and Little McPhee Creeks, both north-flowing tributaries of the Kootenay River, and are centered at 49°17' north latitude and 117°32' west longitude. Access is via a six kilometre secondary road that leaves Highway 3 at Bombi Summit, some 15 kilometres east of Castlegar. Logging and powerline roads provide local access to much of the property.

The claims are situated on a large flat ridge which divides the McPhee and Champion Creek drainages. Most of the property has been logged, the rest is covered by mature alpine fir. A large electrical transmission line crosses the central claim area.

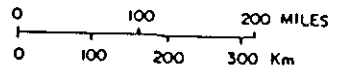
## **CLAIM INFORMATION**

Phelps Dodge Corporation of Canada, Limited optioned the McPhee property from Bruce Doyle in October 1996. At this time the property comprised the Mag 1 & 2, the McPhee #1 to #9, the McPhee I, Aarons Hill, Aaron Star and the Aarons Rod #1 to #4. Upon optioning the property, Phelps Dodge acquired more ground by staking the McPhee II and McPhee III and the Aaron I claims. This created a contiguous block of some 108 units. In June 1997 Doyle staked the Rod #1 to #14 which became part of the option agreement. In August 1997 the Mag 1 and 2 and the McPhee #1 to #6 and McPhee #9 were included into the surrounding claims.

Currently the McPhee property consists of twenty-six claims, totalling 113 units, recorded in the Nelson Mining Division and shown on NTS map sheets 82F/05 and 82F/06 (Figure 2). Claim details set out below are contingent upon this work being accepted for assessment credits.



**MCPHEE PROPERTY**



PROJECT NO:				
<b>LOCATION MAP</b>				
<i>FOX GEOLOGICAL CONSULTANTS LTD.</i>				
SCALE	DATE	FILE	N.T.S. NO	FIG. NO
as shown		By: dip		1

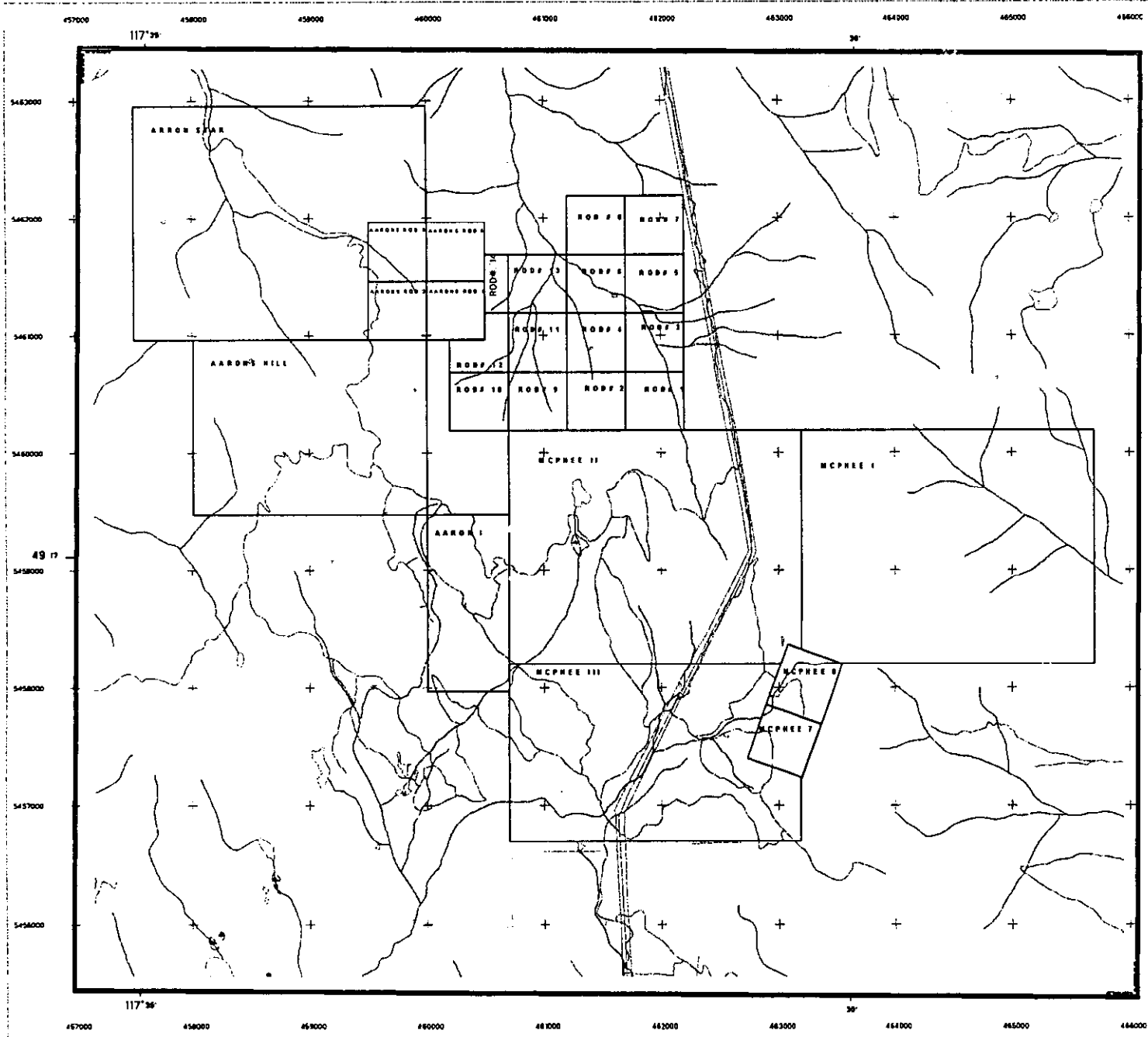


FIGURE 2



PHELPS DODGE CORPORATION OF CANADA, LIMITED  
**CLAIM LOCATION PLAN**  
 MCPHEE PROPERTY  
ALBERTA DIVISION OF MINES  
 SCALE ~~1:50,000~~ 1:50,000  
 DATE NOV 1957 NTS 82P5153

**CLAIM DATA**

<u>Claim</u>	<u>Units</u>	<u>Record Number</u>	<u>Expiry Date</u>
McPhee 7	1	331989	28 October 1999
McPhee 8	1	331990	28 October 1999
McPhee I	20	344243	18 March 2000
McPhee II	20	352532	29 October 1999
McPhee III	15	352533	7 November 1999
Aarons Rod 1	1	350759	10 September 2000
Aarons Rod 2	1	350760	10 September 2000
Aarons Rod 3	1	350761	10 September 2000
Aarons Rod 4	1	350762	10 September 2000
Aarons Hill	12	350108	14 August 2000
Aaron Star	20	350779	24 September 2000
Aaron I	6	352534	7 November 1999
Rod #1	1	356699	19 June 2000
Rod #2	1	356700	19 June 2000
Rod #3	1	356702	19 June 2000
Rod #4	1	356703	19 June 2000
Rod #5	1	356704	19 June 2000
Rod #6	1	356705	19 June 2000
Rod #7	1	356706	19 June 2000
Rod #8	1	356707	19 June 2000
Rod #9	1	356708	19 June 2000
Rod #10	1	356709	19 June 2000
Rod #11	1	356710	19 June 2000
Rod #12	1	356711	19 June 2000
Rod #13	1	356712	19 June 2000
Rod #14	1	356713	19 June 2000

**HISTORY**

There is no documentation of previous exploration work in the area prior to 1995, although a number of old pits, adits and shafts are present in the western claim area. The nearest documented work is on the Maud S. occurrence (Minfile No.082FSW325), a gold, chalcopyrite and galena siliceous fissure hosted in Bonnington plutonic rocks, 500 metres south of the Aarons Hill claim. Work on the Maud S. probably occurred between 1897 and 1900. There are also rumours of historical placer workings on McPhee and Champion Creeks. Prospecting by Bruce Doyle in 1995 and 1996 identified gold and base metal showings within meta-volcanics in the eastern claim area.

## REGIONAL GEOLOGY

The area immediately west of the town of Castlegar is underlain by the middle Jurassic Bonnington Pluton and by the lower to middle Jurassic Rosslund Group. The Rosslund Group is comprised of the lower Jurassic Archibald Formation argillite, siltstone, quartzite and minor volcanics overlain by lower Jurassic Elise Formation augite porphyry andesite flows, agglomerates, breccias and tuffs. The lower Jurassic Hall Formation lies conformably on the Elise Formation and is comprised of argillite, siltstone and conglomerate with minor volcanic rocks.

The middle Jurassic Bonnington Pluton is a quartz diorite and is part of the Nelson Intrusive Suite, a magmatic arc emplaced during obduction of Quesnellia over Ancestral North American basement. The Bonnington Pluton is flanked to the south and to the east by Rosslund Group rocks. Remnants of metamorphosed Rosslund Group within the Pluton were recognized by the GSC prior to 1985, however they were poorly constrained by mapping and were not noted in the eastern McPhee area. Mapping in the late 1980's by the British Columbia Geological Survey Branch largely ignored these metamorphic blocks and were not included in recent maps of the area. Regional Geology is shown in Figure 3.

## PROPERTY GEOLOGY

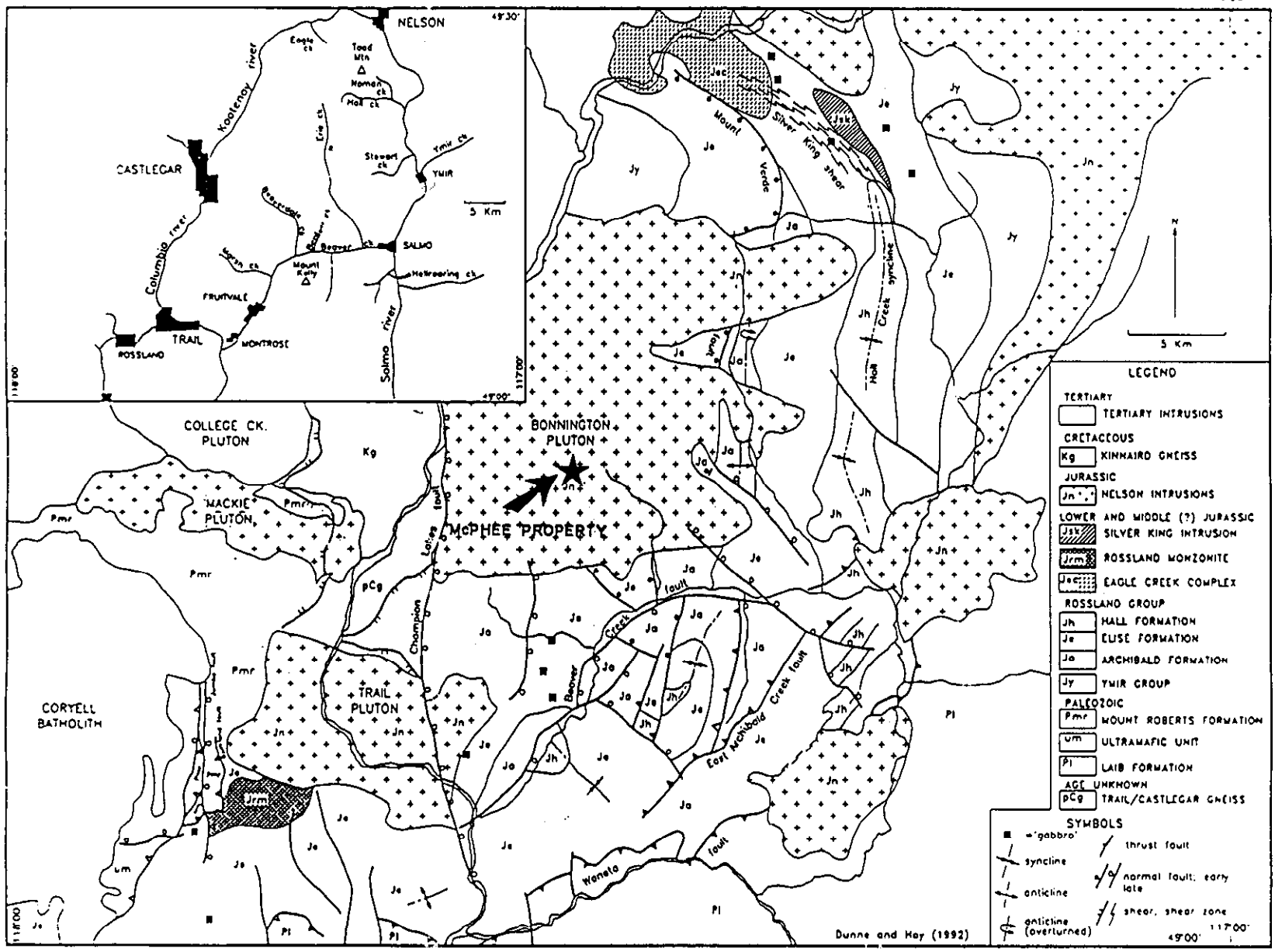
The McPhee property is underlain by two rafts of metasedimentary and metavolcanic rocks, probably the Rosslund Group, enclosed by monzonite and hornblende diorite of the Bonnington Pluton, a member of the Nelson intrusions.

## 1997 WORK PROGRAM

Work done on the McPhee property during 1997 consisted of forty man-days of soil sampling and thirty-one man-days of mapping and prospecting. Prospecting and rock sampling was performed in conjunction with 1:20,000 scale mapping and covered an area some seven kilometers long and 3.5 kilometres wide. Soil sampling, on lines 200 metres apart and stations along the lines 50 metres apart, was performed in the central claim area and totalled 35.4 line kilometres. Forty eight rock samples and 720 soil samples collected during the program were described, placed in sample bags, assigned unique numbers and were sent to Acme Analytical Laboratories Ltd. in Vancouver. Samples were analyzed for 35 elements using ICP methods. Analytical procedures are set out in Appendix I of this report.



FIGURE 3 REGIONAL GEOLOGY



Dunne and Hay (1992)

## RESULTS

Analytical results from 720 soil samples returned up to 415ppb gold, 40.4ppm arsenic, 254.3ppm copper, 350.5ppm zinc, 404.5ppm lead and 26.7ppm molybdenum. Statistical results for select elements are summarised in Table 1 below. Sample location are shown in Figure 4 (pocket) and 95<sup>th</sup> percentile threshold maps are shown in Figures 5a to 5i. Soil samples 55149 and 55150 were taken at L78+00E and 104+50N at a depth of 20cm and 70cm respectively following up on sample 61352 which returned 276ppb gold. 55149 returned 58 ppb gold while 55150 returned 415 ppb gold. No bedrock was encountered at this station.

**Table I**

	Count	Maximum	95 <sup>th</sup> percentile	97 <sup>th</sup> percentile	99 <sup>th</sup> percentile
Mo ppm	720	26.7	5	7	13
Cu ppm	720	254.3	57	73	97
Pb ppm	720	404.5	56	70	103
Zn ppm	720	350.5	127	142	169
Ag ppb	720	1400	635	709	873
Ni ppm	720	125	36	44	65
Co ppm	720	51	16	19	25
Au ppb	720	415	35	63	141
As ppm	720	40.4	8	10	14

Analytical results from 48 grab samples returned up to 57ppb gold, 32ppm arsenic, 7426ppm copper, 6944ppm zinc, 2077ppm lead and 1200.4ppm molybdenum. Statistical results for select elements are summarised in Table 2 below. Sample locations are shown in Figure 6 (pocket). Sample 62607, an outcrop of pyritic gneiss, was collected near L93+00E at 91+67N and returned 6944ppm zinc, 2077ppm lead and 241ppm copper. Sample 63701 collected near L84+00E at 105+20N, returned 1200ppm molybdenum from an outcrop of quartz stockwork in monzonite. Sample 61265, a massive sulphide, was collected from an old pit located at the edge of a logging block near the western edge of the Aarons Hill claim block and contains 7426ppm copper.

**Table II**

	Count	Maximum	95 <sup>th</sup> percentile	97 <sup>th</sup> percentile	99 <sup>th</sup> percentile
Mo ppm	48	1200.4	14	14	14
Cu ppm	48	7426	436	436	436
Pb ppm	48	2077	59	59	59
Zn ppm	48	6944	202	202	202
Ag ppm	48	1260	117	117	117
Ni ppm	48	236	135	135	135
Co ppm	48	610	54	54	54
Au ppb	48	57	27	27	27
As ppm	48	32	12	12	12

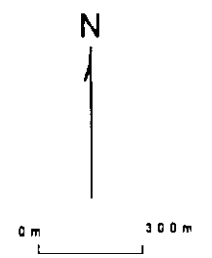
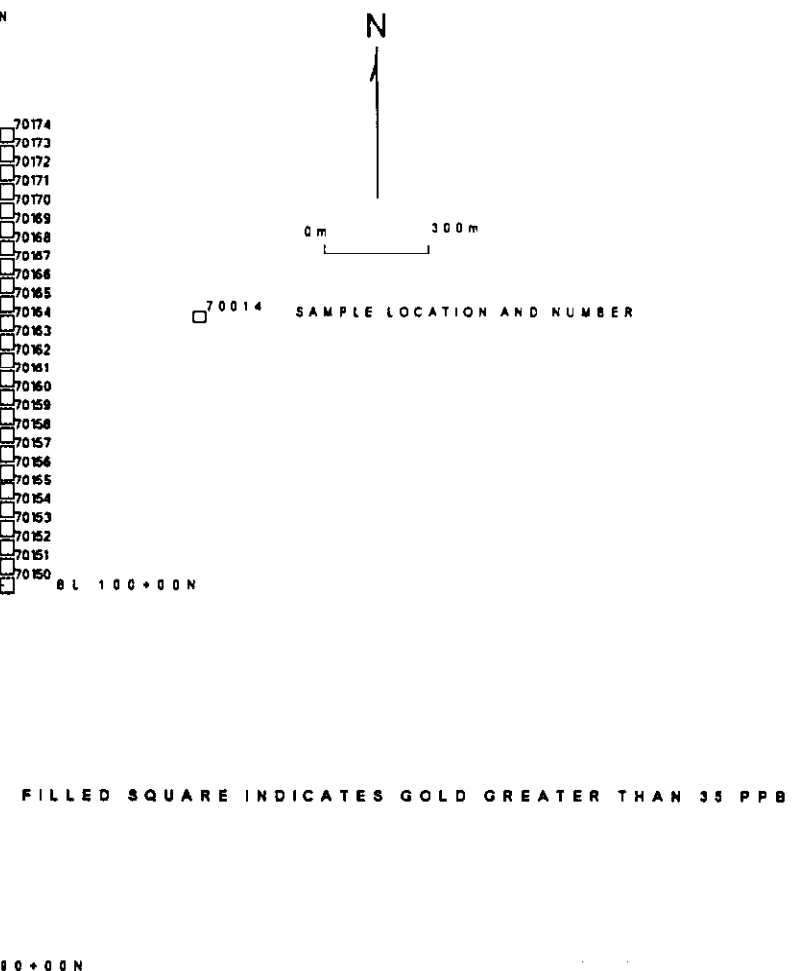
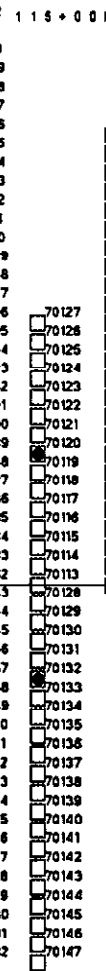
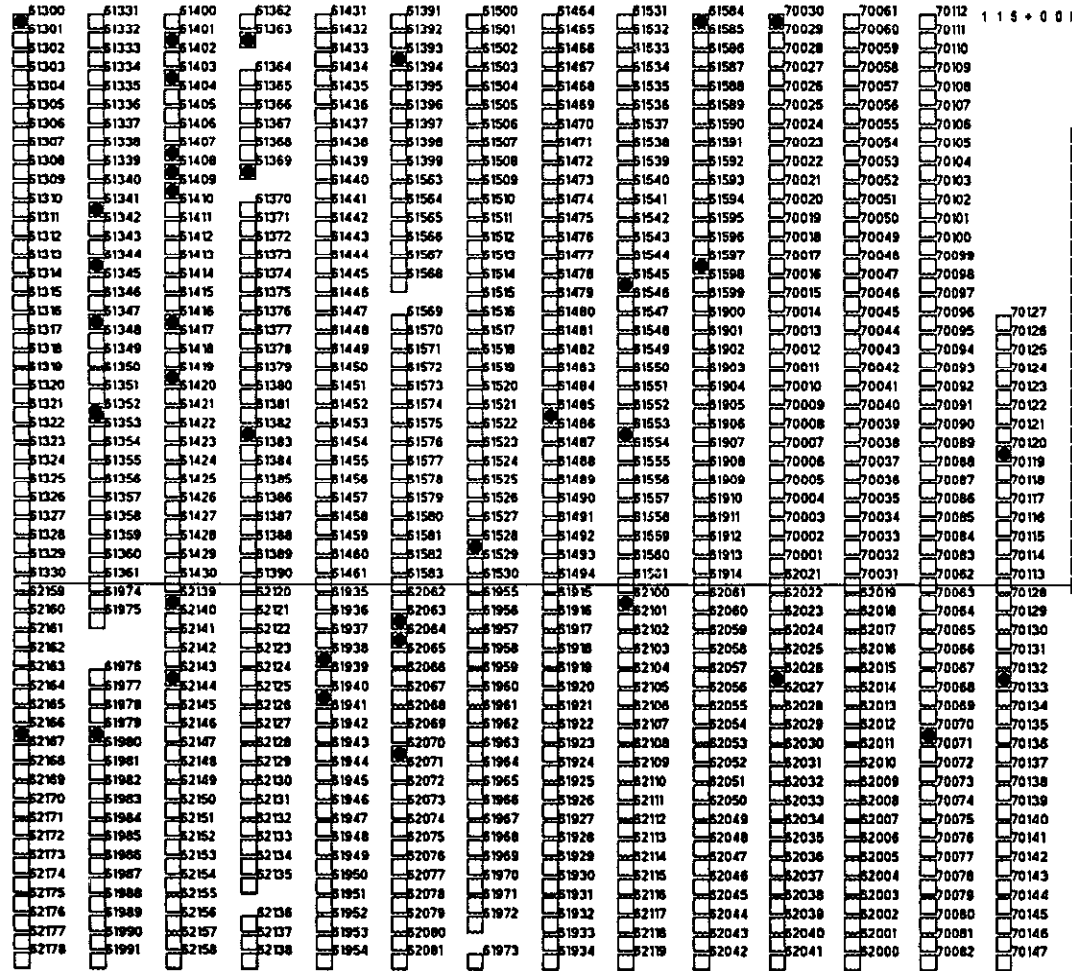
L76+00E

L80+00E

L80+00E

L100+00E

### MCPHEE 1997 SOIL GRID



70014 SAMPLE LOCATION AND NUMBER

8 L 100+00N

80+00N

FILLED SQUARE INDICATES GOLD GREATER THAN 35 PPB

## FIGURE 5a

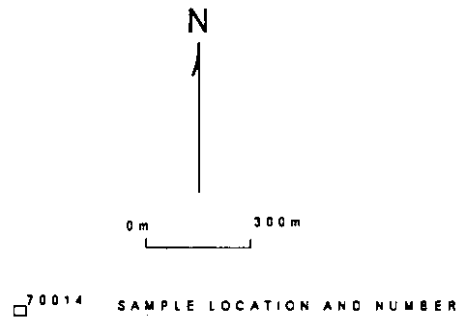
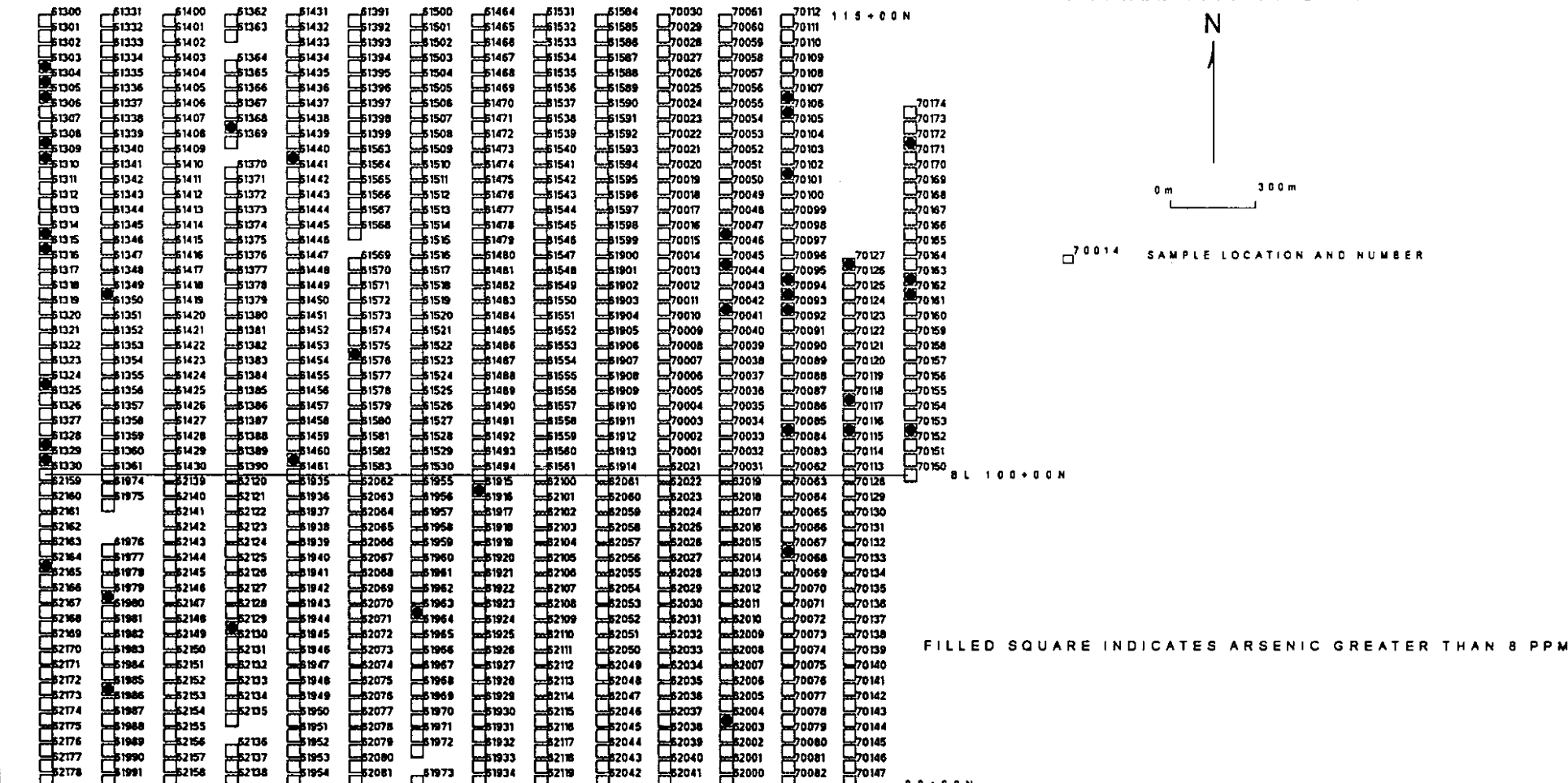
L74+00E

L80+00E

L90+00E

L100+00E

### MCPHEE 1997 SOIL GRID



FILLED SQUARE INDICATES ARSENIC GREATER THAN 8 PPM

### FIGURE 5b

L76+00E

L80+00E

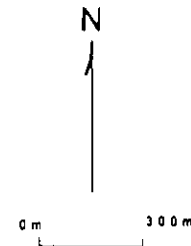
L90+00E

L100+00E

### MCPHEE 1997 SOIL GRID

115+00N

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61301	61332	61401	61363	61432	61392	61501	61465	61532	61585	70029	70060	70111	70173
61302	61333	61402		61433	61393	61502	61466	61533	61586	70028	70059	70110	70172
61303	61334	61403	61364	61434	61394	61503	61467	61534	61587	70027	70058	70109	70171
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61305	61336	61405	61366	61436	61396	61505	61469	61536	61589	70025	70056	70107	70169
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70014 SAMPLE LOCATION AND NUMBER

BL 100+00N

80+00N

FILLED SQUARE INDICATES SILVER GREATER THAN 636 PPB

## FIGURE 5c

L76+00E

L80+00E

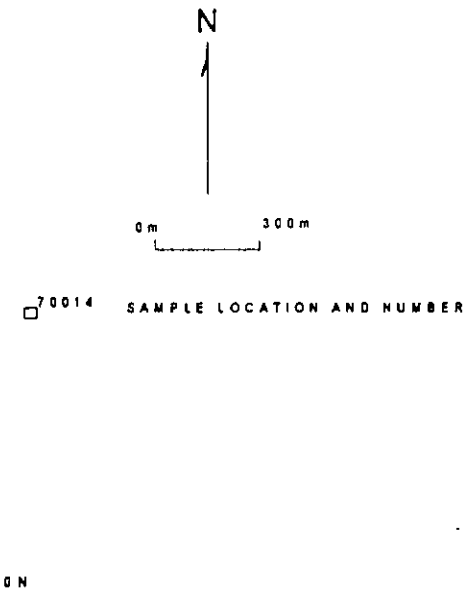
L90+00E

L100+00E

MCPHEE 1997 SOIL GRID

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61301	61332	61401	61363	61432	61392	61501	61465	61532	61585	70029	70060	70111
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62160	61975	62140	62121	61936	62063	61956	61916	62101	62060	62023	62018	70064
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62162		62142	62123	61938	62065	61958	61918	62103	62058	62025	62016	70066
62163	61976	62143	62124	61939	62066	61959	61919	62104	62057	62026	62015	70067
62164	61977	62144	62125	61940	62067	61960	61920	62105	62056	62027	62014	70068
62165	61978	62145	62126	61941	62068	61961	61921	62106	62055	62028	62013	70069
62166	61979	62146	62127	61942	62069	61962	61922	62107	62054	62029	62012	70070
62167	61980	62147	62128	61943	62070	61963	61923	62108	62053	62030	62011	70071
62168	61981	62148	62129	61944	62071	61964	61924	62109	62052	62031	62010	70072
62169	61982	62149	62130	61945	62072	61965	61925	62110	62051	62032	62009	70073
62170	61983	62150	62131	61946	62073	61966	61926	62111	62050	62033	62008	70074
62171	61984	62151	62132	61947	62074	61967	61927	62112	62049	62034	62007	70075
62172	61985	62152	62133	61948	62075	61968	61928	62113	62048	62035	62006	70076
62173	61986	62153	62134	61949	62076	61969	61929	62114	62047	62036	62005	70077
62174	61987	62154	62135	61950	62077	61970	61930	62115	62046	62037	62004	70078
62175	61988	62155	62136	61951	62078	61971	61931	62116	62045	62038	62003	70079
62176	61989	62156	62137	61952	62079	61972	61932	62117	62044	62039	62002	70080
62177	61990	62157	62138	61953	62080	61973	61933	62118	62043	62040	62001	70081
62178	61991	62158	62139	61954	62081	61974	61934	62119	62042	62041	62000	70082

115+00N



BL 100+00N

FILLED SQUARE INDICATES COPPER GREATER THAN 57 PPM

80+00N

FIGURE 5d







L76+00E

L80+00E

L90+00E

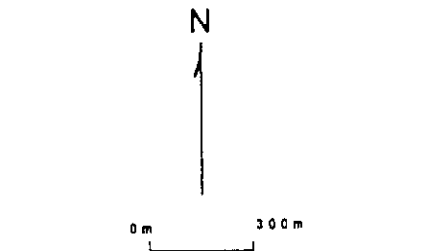
L100+00E

### MCPHEE 1997 SOIL GRID

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61302	61333	61402		61433	61393	61502	61466	61533	61586	70028	70059	70110
61303	61334	61403	61364	61434	61394	61503	61467	61534	61587	70027	70058	70109
61304	61335	61404	61365	61435	61395	61504	61468	61535	61588	70026	70057	70108
61305	61336	61405	61366	61436	61396	61505	61469	61536	61589	70025	70056	70107
61306	61337	61406	61367	61437	61397	61506	61470	61537	61590	70024	70055	70106
61307	61338	61407	61368	61438	61398	61507	61471	61538	61591	70023	70054	70105
61308	61339	61408	61369	61439	61399	61508	61472	61539	61592	70022	70053	70104
61309	61340	61409		61440	61500	61509	61473	61540	61593	70021	70052	70103
61310	61341	61410	61370	61441	61501	61510	61474	61541	61594	70020	70051	70102
61311	61342	61411	61371	61442	61502	61511	61475	61542	61595	70019	70050	70101
61312	61343	61412	61372	61443	61503	61512	61476	61543	61596	70018	70049	70100
61313	61344	61413	61373	61444	61504	61513	61477	61544	61597	70017	70048	70099
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61315	61346	61415	61375	61446	61506	61515	61479	61546	61599	70015	70046	70097
61316	61347	61416	61376	61447	61507	61516	61480	61547	61900	70014	70045	70096
61317	61348	61417	61377	61448	61508	61517	61481	61548	61901	70013	70044	70095
61318	61349	61418	61378	61449	61509	61518	61482	61549	61902	70012	70043	70094
61319	61350	61419	61379	61450	61510	61519	61483	61550	61903	70011	70042	70093
61320	61351	61420	61380	61451	61511	61520	61484	61551	61904	70010	70041	70092
61321	61352	61421	61381	61452	61512	61521	61485	61552	61905	70009	70040	70091
61322	61353	61422	61382	61453	61513	61522	61486	61553	61906	70008	70039	70090
61323	61354	61423	61383	61454	61514	61523	61487	61554	61907	70007	70038	70089
61324	61355	61424	61384	61455	61515	61524	61488	61555	61908	70006	70037	70088
61325	61356	61425	61385	61456	61516	61525	61489	61556	61909	70005	70036	70087
61326	61357	61426	61386	61457	61517	61526	61490	61557	61910	70004	70035	70086
61327	61358	61427	61387	61458	61518	61527	61491	61558	61911	70003	70034	70085
61328	61359	61428	61388	61459	61519	61528	61492	61559	61912	70002	70033	70084
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61330	61361	61430	61390	61461	61521	61530	61494	61561	61914	70000	70031	70082
61360	61974	62139	62120	61935	62082	61955	61915	62100	62061	62022	62018	70083
61361	61975	62140	62121	61936	62083	61956	61916	62101	62062	62023	62019	70084
61362		62141	62122	61937	62084	61957	61917	62102	62063	62024	62020	70085
61363	61976	62142	62123	61938	62085	61958	61918	62103	62064	62025	62021	70086
61364		62143	62124	61939	62086	61959	61919	62104	62065	62026	62022	70087
61365	61977	62144	62125	61940	62087	61960	61920	62105	62066	62027	62023	70088
61366	61978	62145	62126	61941	62088	61961	61921	62106	62067	62028	62024	70089
61367	61979	62146	62127	61942	62089	61962	61922	62107	62068	62029	62025	70090
61368	61980	62147	62128	61943	62090	61963	61923	62108	62069	62030	62026	70091
61369	61981	62148	62129	61944	62091	61964	61924	62109	62070	62031	62027	70092
61370	61982	62149	62130	61945	62092	61965	61925	62110	62071	62032	62028	70093
61371	61983	62150	62131	61946	62093	61966	61926	62111	62072	62033	62029	70094
61372	61984	62151	62132	61947	62094	61967	61927	62112	62073	62034	62030	70095
61373	61985	62152	62133	61948	62095	61968	61928	62113	62074	62035	62031	70096
61374	61986	62153	62134	61949	62096	61969	61929	62114	62075	62036	62032	70097
61375	61987	62154	62135	61950	62097	61970	61930	62115	62076	62037	62033	70098
61376	61988	62155		61951	62098	61971	61931	62116	62077	62038	62034	70099
61377	61989	62156	62136	61952	62099	61972	61932	62117	62078	62039	62035	70100
61378	61990	62157	62137	61953	62100	61973	61933	62118	62079	62040	62036	70101
	61991	62158	62138	61954	62101	61974	61934	62119	62080	62041	62037	70102

115+00N

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70014 SAMPLE LOCATION AND NUMBER

BL 100+00N

FILLED SQUARE INDICATES MOLYBDENUM GREATER THAN 5 PPM

80+00N

## FIGURE 5g

L76+00E

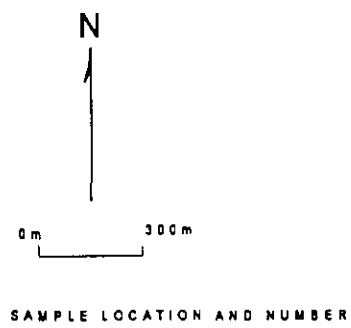
L80+00E

L90+00E

L100+00E

### MCPHEE 1997 SOIL GRID

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61302	61333	61402		61433	61393	61502	61466	61533	61586	70028	70059	70110	
61303	61334	61403	61364	61434	61394	61503	61467	61534	61587	70027	70058	70109	
61304	61335	61404	61365	61435	61395	61504	61468	61535	61588	70026	70057	70108	
61305	61336	61405	61366	61436	61396	61505	61469	61536	61589	70025	70056	70107	
61306	61337	61406	61367	61437	61397	61506	61470	61537	61590	70024	70055	70106	
61307	61338	61407	61368	61438	61398	61507	61471	61538	61591	70023	70054	70105	
61308	61339	61408	61369	61439	61399	61508	61472	61539	61592	70022	70053	70104	
61309	61340	61409		61440	61400	61509	61473	61540	61593	70021	70052	70103	
61310	61341	61410	61370	61441	61401	61510	61474	61541	61594	70020	70051	70102	
61311	61342	61411	61371	61442	61402	61511	61475	61542	61595	70019	70050	70101	
61312	61343	61412	61372	61443	61403	61512	61476	61543	61596	70018	70049	70100	
61313	61344	61413	61373	61444	61404	61513	61477	61544	61597	70017	70048	70099	
61314	61345	61414	61374	61445	61405	61514	61478	61545	61598	70016	70047	70098	
61315	61346	61415	61375	61446	61406	61515	61479	61546	61599	70015	70046	70097	
61316	61347	61416	61376	61447	61407	61516	61480	61547	61900	70014	70045	70096	
61317	61348	61417	61377	61448	61408	61517	61481	61548	61901	70013	70044	70095	
61318	61349	61418	61378	61449	61409	61518	61482	61549	61902	70012	70043	70094	
61319	61350	61419	61379	61450	61410	61519	61483	61550	61903	70011	70042	70093	
61320	61351	61420	61380	61451	61411	61520	61484	61551	61904	70010	70041	70092	
61321	61352	61421	61381	61452	61412	61521	61485	61552	61905	70009	70040	70091	
61322	61353	61422	61382	61453	61413	61522	61486	61553	61906	70008	70039	70090	
61323	61354	61423	61383	61454	61414	61523	61487	61554	61907	70007	70038	70089	
61324	61355	61424	61384	61455	61415	61524	61488	61555	61908	70006	70037	70088	
61325	61356	61425	61385	61456	61416	61525	61489	61556	61909	70005	70036	70087	
61326	61357	61426	61386	61457	61417	61526	61490	61557	61910	70004	70035	70086	
61327	61358	61427	61387	61458	61418	61527	61491	61558	61911	70003	70034	70085	
61328	61359	61428	61388	61459	61419	61528	61492	61559	61912	70002	70033	70084	
61329	61360	61429	61389	61460	61420	61529	61493	61560	61913	70001	70032	70083	
61330	61361	61430	61390	61461	61421	61530	61494	61561	61914	62021	70031	70082	
61358	61974	62139	62120	61935	62082	61955	61915	62100	62061	62022	62018	70063	70128
61359	61975	62140	62121	61936	62083	61956	61916	62101	62060	62023	62019	70064	70129
61361		62141	62122	61937	62084	61957	61917	62102	62059	62024	62017	70065	70130
61362		62142	62123	61938	62085	61958	61918	62103	62058	62025	62016	70066	70131
61363	61978	62143	62124	61939	62086	61959	61919	62104	62057	62026	62015	70067	70132
61364	61977	62144	62125	61940	62087	61960	61920	62105	62056	62027	62014	70068	70133
61365	61978	62145	62126	61941	62088	61961	61921	62106	62055	62028	62013	70069	70134
61366	61979	62146	62127	61942	62089	61962	61922	62107	62054	62029	62012	70070	70135
61367	61980	62147	62128	61943	62090	61963	61923	62108	62053	62030	62011	70071	70136
61368	61981	62148	62129	61944	62091	61964	61924	62109	62052	62031	62010	70072	70137
61369	61982	62149	62130	61945	62092	61965	61925	62110	62051	62032	62009	70073	70138
61370	61983	62150	62131	61946	62093	61966	61926	62111	62050	62033	62008	70074	70139
61371	61984	62151	62132	61947	62094	61967	61927	62112	62049	62034	62007	70075	70140
61372	61985	62152	62133	61948	62095	61968	61928	62113	62048	62035	62006	70076	70141
61373	61986	62153	62134	61949	62096	61969	61929	62114	62047	62036	62005	70077	70142
61374	61987	62154	62135	61950	62097	61970	61930	62115	62046	62037	62004	70078	70143
61375	61988	62155		61951	62098	61971	61931	62116	62045	62038	62003	70079	70144
61376	61989	62156	62136	61952	62099	61972	61932	62117	62044	62039	62002	70080	70145
61377	61990	62157	62137	61953	62100		61933	62118	62043	62040	62001	70081	70146
61378	61991	62158	62138	61954	62081	61973	61934	62119	62042	62041	62000	70082	70147



FILLED SQUARE INDICATES COBALT GREATER THAN 51 PPM

80+00N

## FIGURE 5h

L76+00E

L80+00E

L90+00E

L100+00E

### MCPHEE 1997 SOIL GRID

61300	61331	61400	61362	61431	61391	61500	61464	61531	61584	70030	70061	70112
61301	61332	61401	61363	61432	61392	61501	61465	61532	61585	70029	70060	70111
61302	61333	61402		61433	61393	61502	61466	61533	61586	70028	70059	70110
61303	61334	61403	61364	61434	61394	61503	61467	61534	61587	70027	70058	70109
61304	61335	61404	61365	61435	61395	61504	61468	61535	61588	70026	70057	70108
61305	61336	61405	61366	61436	61396	61505	61469	61536	61589	70025	70056	70107
61306	61337	61406	61367	61437	61397	61506	61470	61537	61590	70024	70055	70106
61307	61338	61407	61368	61438	61398	61507	61471	61538	61591	70023	70054	70105
61308	61339	61408	61369	61439	61399	61508	61472	61539	61592	70022	70053	70104
61309	61340	61409		61440	61563	61509	61473	61540	61593	70021	70052	70103
61310	61341	61410	61370	61441	61564	61510	61474	61541	61594	70020	70051	70102
61311	61342	61411	61371	61442	61565	61511	61475	61542	61595	70019	70050	70101
61312	61343	61412	61372	61443	61566	61512	61476	61543	61596	70018	70049	70100
61313	61344	61413	61373	61444	61567	61513	61477	61544	61597	70017	70048	70099
61314	61345	61414	61374	61445	61568	61514	61478	61545	61598	70016	70047	70098
61315	61346	61415	61375	61446		61515	61479	61546	61599	70015	70046	70097
61316	61347	61416	61376	61447	61569	61516	61480	61547	61900	70014	70045	70096
61317	61348	61417	61377	61448	61570	61517	61481	61548	61901	70013	70044	70095
61318	61349	61418	61378	61449	61571	61518	61482	61549	61902	70012	70043	70094
61319	61350	61419	61379	61450	61572	61519	61483	61550	61903	70011	70042	70093
61320	61351	61420	61380	61451	61573	61520	61484	61551	61904	70010	70041	70092
61321	61352	61421	61381	61452	61574	61521	61485	61552	61905	70009	70040	70091
61322	61353	61422	61382	61453	61575	61522	61486	61553	61906	70008	70039	70090
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61325	61356	61425	61385	61456	61578	61525	61489	61556	61909	70005	70036	70087
61326	61357	61426	61386	61457	61579	61526	61490	61557	61910	70004	70035	70086
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62159	61974	62139	62120	61935	62062	61955	61915	62100	62061	62022	62019	70083
62160	61975	62140	62121	61936	62063	61956	61916	62101	62060	62023	62018	70084
62161		62141	62122	61937	62064	61957	61917	62102	62059	62024	62017	70085
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62167	61980	62147	62128	61943	62070	61963	61923	62108	62053	62030	62011	70091
62168	61981	62148	62129	61944	62071	61964	61924	62109	62052	62031	62010	70092
62169	61982	62149	62130	61945	62072	61965	61925	62110	62051	62032	62009	70093
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62171	61984	62151	62132	61947	62074	61967	61927	62112	62049	62034	62007	70095
62172	61985	62152	62133	61948	62075	61968	61928	62113	62048	62035	62006	70096
62173	61986	62153	62134	61949	62076	61969	61929	62114	62047	62036	62005	70097
62174	61987	62154	62135	61950	62077	61970	61930	62115	62046	62037	62004	70098
62175	61988	62155		61951	62078	61971	61931	62116	62045	62038	62003	70099
62176	61989	62156	62136	61952	62079	61972	61932	62117	62044	62039	62002	70100
62177	61990	62157	62137	61953	62080	61973	61933	62118	62043	62040	62001	70101
62178	61991	62158	62138	61954	62081	61974	61934	62119	62042	62041	62000	70102

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Geologic mapping at 1:20,000 scale in the central claim area indicates augite porphyry andesite and diorite and monzonite dykes and sills, probably belonging to the Rosslund Group Elise Formation, trend north west in a block one kilometre wide and four kilometres long. These Rosslund group rocks are enclosed by megacrystic quartz monzonite and hornblende diorite to the north and west, by hornblende monzonite to the south and remains open east of the mapped area. The volcanic rocks are metamorphosed, locally to amphibolite grade, and form a north west trending gneissic zone up to 400 metres wide along the northern boundary. All units show minor displacement along a north trending normal fault in the eastern map area.

Quartz pebble conglomerate probably belonging to the Rosslund Group, Hall Formation occurs in the northwest map area. This pendant is terminated by megacrystic quartz monzonite to the south and east but remains open and unmapped to the north and west. The quartz pebble conglomerate appears to be offset some 500 metres along a northwest trending fault. Results of 1:20,000 scale mapping are shown in Figure 7 (pocket).

#### **CONCLUSIONS & RECOMMENDATIONS**

Geochemical results indicate moderate to low base and precious metal values in the soils. Gold does not appear to correlate well with arsenic nor antimony however a weak, single station wide, linear gold anomaly some 1200m to 2500m long from L100+00E at station 96+00N to L78+00E at station 104+50N may be coincident with the regional metamorphic trend within the Elise volcanics. Copper, silver, cobalt, nickel and molybdenum in soil also appear to indicate this trend as well as a similar trend from L98+00E at 99+50N to L90+00E 104+50N. Elevated gold in soil is also present in the northwest survey area and is coincident with a quartz stockwork in Bonnington monzonite. The Bonnington quartz monzonite in the eastern mapped area contains elevated copper, lead and zinc in soils, indicated by results from L104+00N. Previous rock sampling and prospecting in this area identified a copper bearing quartz stockwork in the monzonite. Results from rock samples collected during the 1997 program generally returned uneconomic values.

Follow up profile soil sampling on L78+00E at station 104+50N indicates gold values increase with depth. A follow up program of deep sampling along the linear gold trend may expose pyritic bearing volcanics similar to the original McPhee showing which contains up to 1gpt gold and is located nearby to the gold trend. Prospecting of the quartz stockworks in the quartz monzonite is also recommended.

**DISBURSEMENTS**

Disbursements - May 21 to August 9, 1997

**Labour**

G. Kulla	1	\$325	\$325	
R. Cameron	3	325	975	
S. Weatherup	11	295	3,245	
S. Boyd	11	295	3,245	
T. Archibald	13	295	3,845	
L. Poznikoff	12	225	2,700	
B. Terry	8.5	295	<u>2,507</u>	\$16,832

**Accommodation & Board**

59.5 mandays@\$70/day \$4,200

**Transportation - 4X4 Pickup**

25 days@\$75/day \$1,875

**Assays**

507 soils@ \$15.50/sample	\$7,858
44 rocks@ \$17.50/sample	\$770

**Field Supplies & Equipment Rental**

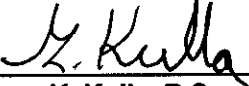
Sample bags, flagging, radios etc. \$1,098

Maps &amp; Drafting \$1,304

Report Writing \$1,700

\$35,637

FOX GEOLOGICAL SERVICES INC.

  
 \_\_\_\_\_  
 Greg K. Kulla, B.Sc.  
 9 November, 1997

**Disbursements - September 9 to September 14, 1997****Labour**

G. Kulla	1	\$325	\$325	
S. Boyd	4	295	1,180	
C. Roe	5	225	1,225	\$2,730

**Accommodation & Board**

11 mandays@\$70/day				\$770
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**Transportation - 4X4 Pickup**

5 days@\$75/day				\$375
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**Assays**

146 soils @ \$15.50/sample		\$2,263		
4 rocks @ \$17.50/sample				\$70

**Field Supplies & Equipment Rental**

Sample bags, flagging, radios etc.				\$149
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**Report Writing**

				<u>\$1,700</u>
				\$8,057

FOX GEOLOGICAL SERVICES INC.




Greg K Kulla B.Sc.  
9 November, 1997

**STATEMENT OF QUALIFICATIONS**

I, Greg Kulla of Surrey, British Columbia do hereby certify that:

1. I am a graduate of the University of British Columbia with a Bachelor of Science in Geology granted in 1988
2. I am a Associate of the Geological Association of Canada.
3. I have practised my profession since 1988.
4. I am a consulting geologist with Fox Geological Services Inc.

Respectfully submitted,

  
\_\_\_\_\_  
Greg Kulla B.Sc  
Vancouver, B.C.  
9 November, 1997

## APPENDIX I

### ANALYTICAL METHOD

#### ANALYTICAL PROCEDURES

##### Rock Samples:

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

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

##### Soil Samples:

Same as above utilizing a 15 g sample.



**APPENDIX II**  
**ROCK and SOIL SAMPLE DESCRIPTIONS**

PHELPS DODGE CORPORATION OF CANADA, LIMITED

MCPHEE PROJECT

PROJECT 214

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
55151	MCPHEE	GRAB	FLOAT	MAFIC SCHIST WITH LIMONITIC BAND	10450	7800	1.0	12.0	9.0	36.0	-1	5	4	6.0	-1	57ppb	57ppb
55152	MCPHEE	GRAB	FLOAT	PYRITIC MAFIC SCHIST	8012	10475	2.0	5.0	7.0	37.0	-1	3	2	8.0	-1	4ppb	39ppb
55153	MCPHEE	GRAB	FLOAT	PYRITIC MAFIC SCHIST	8375	10150	2.0	10.0	11.0	92.0	-1	6	5	12.0	-1	10ppb	52ppb
55154	MCPHEE	GRAB	FLOAT	QUARTZ STOCKWORK IN GRANODIORITE	8000	11125	2.0	9.0	16.0	80.0	-1	3	5	9.0	-1	9ppb	47ppb
61259	MCPHEE	GRAB	FLOAT	AMPHIBOLITE	10450	7800	2.0	37.0	7.0	113.0	-1	129	30	-1	0.5	20ppb	-1
61260	MCPHEE	GRAB	FLOAT	BLEACHED LIMONITIC DIORITE	10450	7800	12.0	47.0	6.0	63.0	-1	3	3	-1	0.4	19ppb	-1
61261	MCPHEE	GRAB	FLOAT	PYRITIC FOLIATED FINE GRAINED MONZONITE	10450	7800	4.0	27.0	5.0	81.0	1ppb	3	4	-1	-1	16ppb	2ppb
61262	MCPHEE	GRAB	BEDROCK	PYRITIC VOLCANIC AT CONTACT WITH MONZONITE	9815	7680	-1	230.0	26.0	174.0	1ppb	60	54	-1	0.6	28ppb	-1
61263	MCPHEE	GRAB	BEDROCK	PYRITIC VOLCANIC AT CONTACT WITH MONZONITE	11815	5880	7.0	150.0	7.0	30.0	-1	13	9	-1	-1	14ppb	-1
61264	MCPHEE	GRAB	BEDROCK	PYRITIC SILICIFIED BRECCIA	11815	5880	3.0	115.0	6.3	28.0	-1	13	8	6.0	-1	12ppb	-1
61265	MCPHEE	GRAB	BEDROCK	MASSIVE SULPHIDE FROM PIT	11690	5117	3.0	7428.0	-1	74.0	4ppb	50	610	-1	-1	4ppb	2ppb
61275	MCPHEE	GRAB	BEDROCK	MASSIVE SULPHIDE FROM PIT	11905	5065	15.0	33.0	-1	3.0	-1	5	2	-1	-1	-1	-1
61276	MCPHEE	GRAB	BEDROCK	PYRITIC SILICIFIED BRECCIA	11905	5065	-1	94.0	5.0	42.0	-1	9	6	-1	-1	17ppb	-1
61277	MCPHEE	GRAB	BEDROCK	PYRITIC SILICIFIED BRECCIA	11734	5807	2.0	51.0	5.0	44.0	-1	5	5	-1	-1	19ppb	-1
61278	MCPHEE	GRAB	BEDROCK	SULPHIDES WITHIN GNEISS	10118	8720	2.0	714.0	7.0	53.0	1ppb	135	60	-1	-1	5ppb	-1
61279	MCPHEE	GRAB	BEDROCK	PYRITIC FOLIATED MONZONITE WITH QUARTZ VEINS	10415	8598	2.0	81.0	18.0	41.0	1ppb	33	8	11.0	-1	6ppb	-1
61482	MCPHEE	GRAB	BEDROCK		11475	9000	0.9	5.0	3.1	2.5	39ppb	3	1	2.8	0.2	4ppb	-1
61483	MCPHEE	GRAB	BEDROCK		11475	9000	2.0	8.5	5.6	9.4	117ppb	3	1	4.6	0.4	2ppb	-1
62600	MCPHEE	GRAB	BEDROCK	SHEARED BIOTITE DIORITE	8647	9811	-1	52.0	13.0	75.0	1ppb	35	13	-1	0.5	11ppb	-1
62601	MCPHEE	GRAB	BEDROCK	SHEARED QUARTZ VUG	8647	9811	2.0	40.0	12.0	61.0	-1	46	2	-1	-1	10ppb	-1
62602	MCPHEE	GRAB	BEDROCK	SPHALERITE-EPIDOTE IN DIORITE	6573	9772	-1	99.0	22.0	102.0	1ppb	115	33	-1	0.4	24ppb	-1
62603	MCPHEE	GRAB	BEDROCK	PYRITIC HORNBLENBE PORPHYRY	9188	9574	-1	386.0	59.0	1116.0	2ppb	46	24	-1	9.0	18ppb	2ppb
62604	MCPHEE	GRAB	BEDROCK	PYRITIC METAVOLCANIC	9272	9391	-1	68.0	30.0	202.0	1ppb	75	28	-1	0.8	27ppb	-1
62605	MCPHEE	GRAB	BEDROCK	SILICIFIED VOLCANICS	9272	9391	-1	26.0	7.0	90.0	-1	26	30	-1	0.5	19ppb	-1
62606	MCPHEE	GRAB	BEDROCK	SILICIFIED VOLCANICS	9272	9391	-1	14.0	-1	36.0	-1	7	3	-1	-1	5ppb	-1
62607	MCPHEE	GRAB	BEDROCK	PYRITIC GNEISS	9167	9291	2.0	241.0	2077.0	6944.0	5ppb	21	20	5.0	89.8	14ppb	-1
62608	MCPHEE	GRAB	BEDROCK	PYRITIC LIMONITIC HORNBLLENDE PORPHYRY VOLCANIC	9724	9495	-1	92.0	-1	97.0	-1	236	43	-1	0.6	18ppb	-1
62609	MCPHEE	GRAB	BEDROCK	PYRITIC, BANDED, FOLIATED, QUARTZ BEARING VOLCANIC	9866	10098	-1	38.0	26.0	104.0	1ppb	7	12	-1	0.7	7ppb	-1
62610	MCPHEE	GRAB	BEDROCK	PYRITIC, LIMONITIC, SILICIFIED VOLCANIC	9721	10014	2.0	24.0	17.0	91.0	1ppb	22	17	-1	0.5	17ppb	-1
62611	MCPHEE	GRAB	BEDROCK	QUARTZ BRECCIA	9945	9799	3.0	24.0	7.0	28.0	-1	27	8	-1	-1	5ppb	-1
62612	MCPHEE	GRAB	BEDROCK	AMPHIBOLITE GNEISS	10112	9301	-1	15.0	-1	62.0	1ppb	15	9	5.0	0.4	17ppb	-1
62613	MCPHEE	GRAB	BEDROCK	PRYTIC, LIMONITIC DIORITE	10186	9356	-1	281.0	-1	93.0	1ppb	35	47	-1	0.7	27ppb	-1
62614	MCPHEE	GRAB	BEDROCK	VUGGY LIMONITIC DIORITE	10152	9444	7.0	49.0	10.0	67.0	-1	27	10	5.0	0.5	18ppb	2ppb
62615	MCPHEE	GRAB	BEDROCK	LIMONITIC DIORITIC GNEISS	10174	9201	2.0	23.0	-1	73.0	-1	10	24	-1	-1	20ppb	-1
62616	MCPHEE	GRAB	BEDROCK	AMPHIBOLITIC DIORITE	9519	8859	-1	75.0	82.0	117.0	1ppb	46	13	32.0	1.7	22ppb	-1
62617	MCPHEE	GRAB	BEDROCK	AMPHIBOLITIC DIORITE WITH QUARTZ VEIN	10022	8431	-1	117.0	-1	67.0	-1	221	37	-1	-1	18ppb	-1
62618	MCPHEE	GRAB	BEDROCK	LIMONITIC DIORITIC GNEISS	10479	8274	14.0	436.0	5.0	51.0	1ppb	6	22	-1	-1	20ppb	-1
62625	MCPHEE	GRAB	BEDROCK	PYRITE CALCITE IN VOLCANIC	9392	8674	-1	88.0	9.0	88.0	1ppb	35	27	-1	0.5	19ppb	-1
62626	MCPHEE	GRAB	BEDROCK	MEGACRYSTIC K-SPAR PORPHYRY	11134	8139	-1	4.0	14.0	45.0	1ppb	3	3	-1	0.4	3ppb	-1

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
62627	MCPHEE	GRAB	BEDROCK	VUGGY COARSE GRAINED QUARTZ	10716	7740	3.0	4.0	11.0	35.0	1ppb	2	-1	11.0	-1	-1	-1
62628	MCPHEE	GRAB	BEDROCK	MINOR PYRITE IN 2CM QUARTZ VEIN	10946	7568	-1	13.0	5.0	10.0	-1	2	2	6.0	-1	-1	-1
62629	MCPHEE	GRAB	BEDROCK	WHITE QUARTZ	10948	7588	-1	11.0	-1	6.0	-1	3	-1	-1	-1	-1	-1
62630	MCPHEE	GRAB	BEDROCK	GNEISSIC BRECCIA	10472	7990	11.0	34.0	12.0	97.0	-1	51	12	-1	0.6	26ppb	-1
63470	MCPHEE	GRAB	BEDROCK	QUARTZ VEIN IN MONZONITE	10907	7483	1.1	15.8	2.1	-1	839ppb	5	1	10.4	0.2	10ppb	13ppb
63471	MCPHEE	GRAB	BEDROCK	SULPHIDE BEARING QUARTZ VEIN	10907	7483	2.7	38.2	3.3	1.4	1280pp	5	1	24.5	0.2	9ppb	-1
63472	MCPHEE	GRAB	BEDROCK	PYRITIC QUARTZ VEINS IN SERICITIC MONZONITE	10629	7756	3.0	15.5	13.1	2.0	101ppb	6	2	1.8	-1	1ppb	-1
63700	MCPHEE	GRAB	BEDROCK	PYRITE-MOLYBDENITE IN QUARTZ STOCKWORK	10629	7756	6.4	34.6	5.0	16.5	102ppb	4	3	1.4	0.4	2ppb	-1
63701	MCPHEE	GRAB	BEDROCK	MOLYBDENITE ROSETTES IN QUARTZ	10520	8380	1200.4	49.6	7.9	-1	-1	4	1	7.3	-1	2ppb	-1
55149	MCPHEE	SOIL	COLLUVIUM	RESAMPLE 61352-20CM	10450	7800	5.5	55.7	11.2	66.7	268ppb	30	18	9.9	0.2	58ppb	74ppb
55150	MCPHEE	SOIL	COLLUVIUM	RESAMPLE 61352-70CM	10450	7800	8.9	137.0	11.8	59.5	366ppb	35	22	10.5	0.3	415ppb	73ppb
61300	MCPHEE	SOIL	COLLUVIUM		11500	7800	2.2	15.8	13.0	72.8	82ppb	15	7	5.2	1.0	35ppb	53ppb
61301	MCPHEE	SOIL	COLLUVIUM		11450	7800	1.7	13.6	30.2	72.9	209ppb	12	7	4.6	0.9	3ppb	51ppb
61302	MCPHEE	SOIL	COLLUVIUM		11400	7800	7.8	18.2	17.0	74.5	391ppb	12	9	5.4	0.3	1ppb	44ppb
61303	MCPHEE	SOIL	COLLUVIUM		11350	7800	1.8	11.6	17.6	40.1	226ppb	7	3	12.6	1.3	7ppb	53ppb
61304	MCPHEE	SOIL	COLLUVIUM		11300	7600	1.6	21.7	13.7	54.3	348ppb	13	6	11.7	0.3	23ppb	58ppb
61305	MCPHEE	SOIL	COLLUVIUM		11250	7800	1.2	14.8	19.4	86.1	148ppb	10	10	9.8	0.7	3ppb	63ppb
61306	MCPHEE	SOIL	COLLUVIUM		11200	7800	1.6	15.0	19.3	52.7	339ppb	9	4	6.0	1.3	34ppb	46ppb
61307	MCPHEE	SOIL	COLLUVIUM		11150	7800	2.0	20.4	19.4	69.9	300ppb	14	8	7.3	0.7	2ppb	33ppb
61308	MCPHEE	SOIL	COLLUVIUM		11100	7600	1.7	18.3	15.4	61.8	120ppb	14	5	30.2	1.1	6ppb	35ppb
61309	MCPHEE	SOIL	COLLUVIUM		11050	7600	2.5	25.8	25.6	64.3	303ppb	13	9	14.7	1.2	3ppb	51ppb
61310	MCPHEE	SOIL	COLLUVIUM		11000	7600	4.3	18.7	19.3	77.3	105ppb	14	7	6.5	1.5	8ppb	75ppb
61311	MCPHEE	SOIL	COLLUVIUM		10950	7800	1.6	17.8	23.6	75.5	240ppb	15	8	6.4	0.8	4ppb	30ppb
61312	MCPHEE	SOIL	COLLUVIUM		10900	7800	1.0	16.0	16.8	92.3	444ppb	14	8	4.0	0.8	3ppb	50ppb
61313	MCPHEE	SOIL	COLLUVIUM		10850	7800	1.2	10.8	21.8	106.7	358ppb	9	6	7.1	1.1	1ppb	46ppb
61314	MCPHEE	SOIL	COLLUVIUM		10800	7800	2.4	17.8	22.5	78.3	793ppb	13	8	11.3	0.9	4ppb	51ppb
61315	MCPHEE	SOIL	COLLUVIUM		10750	7800	2.4	14.1	16.8	107.2	349ppb	7	5	8.1	1.6	2ppb	80ppb
61316	MCPHEE	SOIL	COLLUVIUM		10700	7800	6.3	18.0	24.1	159.8	227ppb	13	11	5.0	0.4	-1	27ppb
61317	MCPHEE	SOIL	COLLUVIUM		10650	7800	26.7	26.5	38.9	137.7	402ppb	18	16	4.9	0.7	1ppb	43ppb
61318	MCPHEE	SOIL	COLLUVIUM		10600	7800	5.0	33.4	12.5	86.3	612ppb	22	13	4.0	0.9	-1	51ppb
61319	MCPHEE	SOIL	COLLUVIUM		10550	7800	7.9	19.4	12.3	75.9	425ppb	13	10	6.8	0.5	-1	105ppb
61320	MCPHEE	SOIL	COLLUVIUM		10500	7800	2.9	15.7	10.2	84.0	233ppb	15	9	3.3	0.5	1ppb	57ppb
61321	MCPHEE	SOIL	COLLUVIUM		10450	7800	2.0	18.3	13.1	73.6	227ppb	13	6	3.2	0.6	-1	63ppb
61322	MCPHEE	SOIL	COLLUVIUM		10400	7800	3.4	13.5	13.1	67.3	216ppb	13	9	3.2	0.7	1ppb	33ppb
61323	MCPHEE	SOIL	COLLUVIUM		10350	7800	1.7	19.5	9.5	69.5	108ppb	15	7	4.2	0.4	3ppb	59ppb
61324	MCPHEE	SOIL	COLLUVIUM		10300	7800	2.3	34.1	18.1	84.6	157ppb	20	9	8.9	1.0	1ppb	41ppb
61325	MCPHEE	SOIL	COLLUVIUM		10250	7800	1.1	14.9	12.5	103.4	212ppb	15	9	3.3	0.5	4ppb	42ppb
61326	MCPHEE	SOIL	COLLUVIUM		10200	7800	1.3	18.0	10.7	64.3	158ppb	20	8	2.9	0.3	10ppb	47ppb
61327	MCPHEE	SOIL	COLLUVIUM		10150	7800	1.6	25.2	13.0	73.4	489ppb	16	8	4.8	0.2	2ppb	73ppb
61328	MCPHEE	SOIL	COLLUVIUM		10100	7800	1.2	18.1	12.6	91.0	223ppb	16	10	6.6	1.6	-1	62ppb
61329	MCPHEE	SOIL	COLLUVIUM		10050	7800	3.7	34.3	11.4	56.6	207ppb	27	13	6.3	0.5	1ppb	53ppb
61330	MCPHEE	SOIL	COLLUVIUM		10000	7800	1.4	40.1	9.7	63.8	261ppb	31	13	5.6	0.3	3ppb	57ppb
61331	MCPHEE	SOIL	COLLUVIUM		11500	7800	2.4	16.6	12.6	49.8	72ppb	15	8	4.3	0.8	5ppb	32ppb
61332	MCPHEE	SOIL	COLLUVIUM		11450	7800	1.7	15.4	12.4	68.7	186ppb	11	5	3.2	1.3	12ppb	59ppb
61333	MCPHEE	SOIL	COLLUVIUM		11400	7800	1.7	14.0	11.2	84.2	183ppb	11	5	3.0	1.0	11ppb	56ppb
61334	MCPHEE	SOIL	COLLUVIUM		11350	7800	1.2	15.5	17.4	57.4	190ppb	12	6	2.1	1.0	6ppb	33ppb
61335	MCPHEE	SOIL	COLLUVIUM		11300	7800	1.4	13.6	18.8	79.1	96ppb	12	7	3.9	0.7	3ppb	50ppb
61336	MCPHEE	SOIL	COLLUVIUM		11250	7800	1.3	12.2	14.0	78.3	81ppb	14	7	5.8	0.9	8ppb	31ppb
61337	MCPHEE	SOIL	COLLUVIUM		11200	7800	0.9	12.2	12.6	59.4	69ppb	11	6	4.5	0.7	2ppb	18ppb

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
61338	MCPHEE	SOIL	COLLUVIUM		11150	7800	0.9	17.1	29.9	100.1	80ppb	13	8	4.0	0.8	2ppb	28ppb
61339	MCPHEE	SOIL	COLLUVIUM		11100	7800	0.9	13.2	39.8	78.1	92ppb	14	8	7.3	1.2	15ppb	21ppb
61340	MCPHEE	SOIL	COLLUVIUM		11050	7800	1.0	11.9	13.8	121.8	134ppb	13	7	5.0	0.7	3ppb	36ppb
61341	MCPHEE	SOIL	COLLUVIUM		11000	7800	1.0	15.1	12.1	58.9	138ppb	14	7	4.6	0.3	41ppb	29ppb
61342	MCPHEE	SOIL	COLLUVIUM		10950	7800	0.5	9.4	13.2	35.5	136ppb	5	3	3.7	0.5	14ppb	19ppb
61343	MCPHEE	SOIL	COLLUVIUM		10900	7800	1.3	19.8	18.7	81.0	251ppb	11	6	7.5	1.0	5ppb	22ppb
61344	MCPHEE	SOIL	COLLUVIUM		10850	7800	1.0	22.4	9.0	64.1	100ppb	15	8	3.5	0.4	41ppb	19ppb
61345	MCPHEE	SOIL	COLLUVIUM		10800	7800	0.9	12.8	7.5	45.2	199ppb	13	8	2.9	0.2	6ppb	40ppb
61346	MCPHEE	SOIL	COLLUVIUM		10750	7800	1.7	17.3	9.4	55.1	947ppb	14	8	3.3	0.3	13ppb	56ppb
61347	MCPHEE	SOIL	COLLUVIUM		10700	7800	3.4	15.7	14.7	84.3	715ppb	13	7	3.6	0.8	50ppb	36ppb
61348	MCPHEE	SOIL	COLLUVIUM		10650	7800	12.5	25.4	12.1	90.8	814ppb	15	9	4.7	0.4	3ppb	47ppb
61349	MCPHEE	SOIL	COLLUVIUM		10600	7800	3.8	13.6	17.5	83.1	338ppb	11	8	8.0	1.2	2ppb	90ppb
61350	MCPHEE	SOIL	COLLUVIUM		10550	7800	15.8	28.5	13.7	98.0	576ppb	46	22	3.7	0.7	2ppb	52ppb
61351	MCPHEE	SOIL	COLLUVIUM		10500	7800	4.3	19.8	11.1	57.7	295ppb	20	11	5.0	0.6	5ppb	65ppb
61352	MCPHEE	SOIL	COLLUVIUM		10450	7800	5.3	51.4	10.4	60.0	436ppb	27	16	5.2	0.4	276ppb	36ppb
61353	MCPHEE	SOIL	COLLUVIUM		10400	7800	3.0	22.5	9.8	51.9	374ppb	15	8	3.4	0.4	12ppb	66ppb
61354	MCPHEE	SOIL	COLLUVIUM		10350	7800	1.9	18.3	17.3	115.6	296ppb	14	10	4.8	0.8	2ppb	54ppb
61355	MCPHEE	SOIL	COLLUVIUM		10300	7800	1.4	27.5	9.5	109.6	225ppb	20	9	3.6	0.3	6ppb	61ppb
61356	MCPHEE	SOIL	COLLUVIUM		10250	7800	2.4	30.3	12.8	113.8	366ppb	16	11	3.3	0.8	2ppb	104ppb
61357	MCPHEE	SOIL	COLLUVIUM		10200	7800	7.1	77.4	14.8	83.5	607ppb	35	16	5.7	0.6	2ppb	65ppb
61358	MCPHEE	SOIL	COLLUVIUM		10150	7800	2.1	13.2	18.3	83.5	202ppb	10	6	4.2	1.0	2ppb	42ppb
61359	MCPHEE	SOIL	COLLUVIUM		10100	7800	2.1	23.3	11.8	62.5	354ppb	14	7	3.5	0.5	2ppb	42ppb
61360	MCPHEE	SOIL	COLLUVIUM		10050	7800	3.1	18.5	39.7	89.6	251ppb	11	7	3.6	1.2	2ppb	54ppb
61361	MCPHEE	SOIL	COLLUVIUM		10000	7800	2.3	47.2	10.0	49.3	304ppb	25	9	3.3	0.4	5ppb	52ppb
61362	MCPHEE	SOIL	COLLUVIUM		11500	8200	2.4	12.0	11.2	32.8	233ppb	9	3	1.7	0.6	-1	81ppb
61363	MCPHEE	SOIL	COLLUVIUM		11450	8200	1.5	10.3	23.3	28.5	401ppb	8	2	4.0	1.0	66ppb	51ppb
61364	MCPHEE	SOIL	COLLUVIUM		11350	8200	0.8	10.9	12.1	61.6	106ppb	11	4	2.7	0.9	1ppb	82ppb
61365	MCPHEE	SOIL	COLLUVIUM		11300	8200	1.0	12.0	12.6	50.1	80ppb	8	4	2.8	1.2	-1	52ppb
61366	MCPHEE	SOIL	COLLUVIUM		11250	8200	1.2	10.6	18.4	71.6	69ppb	10	3	5.2	2.5	-1	54ppb
61367	MCPHEE	SOIL	COLLUVIUM		11200	8200	1.2	12.5	14.6	49.6	59ppb	11	4	2.6	0.8	1ppb	32ppb
61368	MCPHEE	SOIL	COLLUVIUM		11150	8200	1.4	21.8	22.2	69.7	669ppb	22	8	10.0	1.4	-1	63ppb
61369	MCPHEE	SOIL	COLLUVIUM		11100	8200	1.3	20.5	13.8	45.5	180ppb	16	7	4.0	1.0	35ppb	51ppb
61370	MCPHEE	SOIL	COLLUVIUM		11000	8200	1.7	15.2	15.7	30.3	234ppb	7	2	6.4	1.2	7ppb	91ppb
61371	MCPHEE	SOIL	COLLUVIUM		10950	8200	1.4	9.8	10.0	38.4	218ppb	8	3	1.4	-1	-1	75ppb
61372	MCPHEE	SOIL	COLLUVIUM		10900	8200	1.1	14.2	12.7	56.5	444ppb	9	5	3.8	0.8	7ppb	84ppb
61373	MCPHEE	SOIL	COLLUVIUM		10850	8200	1.0	11.7	14.7	66.6	334ppb	9	5	4.6	1.2	6ppb	53ppb
61374	MCPHEE	SOIL	COLLUVIUM		10800	8200	1.1	13.4	9.8	48.1	134ppb	10	6	2.4	0.2	2ppb	99ppb
61375	MCPHEE	SOIL	COLLUVIUM		10750	8200	1.6	13.5	13.4	49.6	490ppb	9	4	3.4	0.5	12ppb	116ppb
61376	MCPHEE	SOIL	COLLUVIUM		10700	8200	1.3	15.8	10.4	68.6	195ppb	11	6	2.8	0.3	8ppb	55ppb
61377	MCPHEE	SOIL	COLLUVIUM		10650	8200	1.9	13.8	11.5	56.3	233ppb	10	5	3.1	0.8	2ppb	97ppb
61378	MCPHEE	SOIL	COLLUVIUM		10600	8200	3.6	30.9	11.0	55.3	509ppb	16	7	2.4	-1	3ppb	52ppb
61379	MCPHEE	SOIL	COLLUVIUM		10550	8200	3.1	14.1	10.1	62.5	325ppb	10	8	3.0	0.7	2ppb	58ppb
61380	MCPHEE	SOIL	COLLUVIUM		10500	8200	2.9	25.2	13.3	60.8	234ppb	16	9	4.2	0.5	2ppb	84ppb
61381	MCPHEE	SOIL	COLLUVIUM		10450	8200	2.8	28.1	10.2	62.8	149ppb	19	11	5.2	0.3	16ppb	59ppb
61382	MCPHEE	SOIL	COLLUVIUM		10400	8200	3.2	24.2	11.7	65.4	281ppb	18	9	4.6	0.4	63ppb	42ppb
61383	MCPHEE	SOIL	COLLUVIUM		10350	8200	3.1	44.0	9.1	63.2	199ppb	24	10	3.9	0.5	9ppb	66ppb
61384	MCPHEE	SOIL	COLLUVIUM		10300	8200	14.1	42.7	10.1	82.7	234ppb	19	19	5.4	0.7	32ppb	33ppb
61385	MCPHEE	SOIL	COLLUVIUM		10250	8200	5.3	23.0	11.9	89.5	271ppb	31	28	3.2	0.4	3ppb	52ppb
61386	MCPHEE	SOIL	COLLUVIUM		10200	8200	3.1	43.8	11.1	76.8	212ppb	125	26	2.8	0.6	4ppb	35ppb

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
61387	MCPHEE	SOIL	COLLUVIUM		10150	8200	5.9	32.5	15.7	56.5	296ppb	44	18	2.7	0.6	2ppb	36ppb
61388	MCPHEE	SOIL	COLLUVIUM		10100	8200	1.8	25.8	10.2	53.2	219ppb	19	9	2.7	0.3	4ppb	61ppb
61389	MCPHEE	SOIL	COLLUVIUM		10050	8200	1.2	37.0	10.2	50.1	370ppb	21	7	3.6	0.7	6ppb	85ppb
61390	MCPHEE	SOIL	COLLUVIUM		10000	8200	1.2	17.9	11.7	54.9	296ppb	12	6	2.8	0.5	4ppb	79ppb
61391	MCPHEE	SOIL	COLLUVIUM		11500	8600	0.7	15.7	10.0	50.2	167ppb	20	8	2.7	0.7	7ppb	31ppb
61392	MCPHEE	SOIL	COLLUVIUM		11450	8600	0.9	25.3	10.9	83.9	294ppb	20	10	1.8	0.3	3ppb	82ppb
61393	MCPHEE	SOIL	COLLUVIUM		11400	8600	0.7	14.1	16.8	70.5	295ppb	17	6	2.9	0.6	80ppb	62ppb
61394	MCPHEE	SOIL	COLLUVIUM		11350	8600	0.9	13.0	9.8	43.4	331ppb	10	6	2.7	0.5	2ppb	111ppb
61395	MCPHEE	SOIL	COLLUVIUM		11300	8600	0.7	14.4	8.7	50.7	179ppb	9	6	2.2	0.5	.1	54ppb
61396	MCPHEE	SOIL	COLLUVIUM		11250	8600	0.5	12.5	13.2	49.4	267ppb	9	4	3.5	1.6	2ppb	51ppb
61397	MCPHEE	SOIL	COLLUVIUM		11200	8600	0.8	13.7	13.5	75.2	410ppb	12	6	3.5	0.9	3ppb	84ppb
61398	MCPHEE	SOIL	COLLUVIUM		11150	8600	0.7	11.9	15.5	56.8	276ppb	9	5	5.0	1.1	3ppb	85ppb
61399	MCPHEE	SOIL	COLLUVIUM		11100	8600	0.8	16.7	11.6	76.3	298ppb	19	8	3.1	0.5	5ppb	58ppb
61400	MCPHEE	SOIL	COLLUVIUM		11500	8000	6.4	17.1	16.2	54.0	211ppb	9	5	4.7	0.7	18ppb	35ppb
61401	MCPHEE	SOIL	COLLUVIUM		11450	8000	19.8	20.0	23.2	58.8	339ppb	13	6	4.2	1.0	120ppb	31ppb
61402	MCPHEE	SOIL	COLLUVIUM		11400	8000	11.7	19.9	31.2	60.3	302ppb	14	7	4.0	0.5	17ppb	40ppb
61403	MCPHEE	SOIL	COLLUVIUM		11350	8000	4.8	22.8	13.6	19.1	803ppb	8	3	2.7	0.2	47ppb	73ppb
61404	MCPHEE	SOIL	COLLUVIUM		11300	8000	4.4	13.8	15.6	46.4	280ppb	12	7	3.3	0.6	21ppb	49ppb
61405	MCPHEE	SOIL	COLLUVIUM		11250	8000	2.0	14.3	12.0	52.6	170ppb	13	7	3.6	0.7	17ppb	30ppb
61406	MCPHEE	SOIL	COLLUVIUM		11200	8000	2.1	20.6	13.6	89.3	209ppb	11	7	3.2	0.4	10ppb	49ppb
61407	MCPHEE	SOIL	COLLUVIUM		11150	8000	1.0	11.1	16.5	95.6	352ppb	10	6	2.6	0.9	72ppb	41ppb
61408	MCPHEE	SOIL	COLLUVIUM		11100	8000	1.7	14.7	18.1	73.5	565ppb	12	8	4.6	1.1	201ppb	87ppb
61409	MCPHEE	SOIL	COLLUVIUM		11050	8000	2.5	13.5	15.3	58.7	372ppb	7	5	4.2	1.2	141ppb	60ppb
61410	MCPHEE	SOIL	COLLUVIUM		11000	8000	1.5	16.6	12.8	31.1	338ppb	8	4	3.8	0.6	7ppb	101ppb
61411	MCPHEE	SOIL	COLLUVIUM		10950	8000	1.2	14.2	10.2	37.1	378ppb	7	4	3.5	0.5	5ppb	98ppb
61412	MCPHEE	SOIL	COLLUVIUM		10900	8000	1.5	15.6	14.0	39.8	612ppb	5	4	3.9	1.1	21ppb	88ppb
61413	MCPHEE	SOIL	COLLUVIUM		10850	8000	1.9	12.2	14.3	46.9	554ppb	9	6	3.3	0.8	22ppb	70ppb
61414	MCPHEE	SOIL	COLLUVIUM		10800	8000	1.0	13.8	10.4	33.3	187ppb	9	5	6.2	1.0	12ppb	30ppb
61415	MCPHEE	SOIL	COLLUVIUM		10750	8000	1.7	11.8	12.6	30.7	216ppb	10	4	5.1	0.8	8ppb	47ppb
61416	MCPHEE	SOIL	COLLUVIUM		10700	8000	1.8	14.0	11.0	44.5	709ppb	10	5	2.7	0.4	63ppb	28ppb
61417	MCPHEE	SOIL	COLLUVIUM		10650	8000	2.6	14.9	9.5	45.6	171ppb	11	4	2.9	0.3	5ppb	64ppb
61418	MCPHEE	SOIL	COLLUVIUM		10600	8000	4.8	24.3	11.0	78.2	390ppb	18	10	3.0	0.6	2ppb	87ppb
61419	MCPHEE	SOIL	COLLUVIUM		10550	8000	6.2	41.9	9.2	74.6	527ppb	59	21	3.9	0.2	82ppb	66ppb
61420	MCPHEE	SOIL	COLLUVIUM		10500	8000	10.5	40.2	7.7	64.9	173ppb	23	11	5.6	0.5	17ppb	35ppb
61421	MCPHEE	SOIL	COLLUVIUM		10450	8000	4.7	22.6	10.7	102.5	248ppb	33	15	3.8	0.5	7ppb	31ppb
61422	MCPHEE	SOIL	COLLUVIUM		10400	8000	4.6	11.1	13.9	48.5	237ppb	9	5	1.5	0.2	9ppb	51ppb
61423	MCPHEE	SOIL	COLLUVIUM		10350	8000	2.9	14.4	10.9	79.7	183ppb	17	9	2.6	0.6	26ppb	28ppb
61424	MCPHEE	SOIL	COLLUVIUM		10300	8000	4.1	39.3	10.0	130.6	235ppb	34	24	4.6	0.3	10ppb	32ppb
61425	MCPHEE	SOIL	COLLUVIUM		10250	8000	1.4	32.9	10.2	104.8	402ppb	19	9	2.1	0.2	2ppb	19ppb
61426	MCPHEE	SOIL	COLLUVIUM		10200	8000	1.6	15.9	13.0	83.4	233ppb	14	8	5.2	0.9	10ppb	63ppb
61427	MCPHEE	SOIL	COLLUVIUM		10150	8000	1.4	22.2	12.0	109.5	408ppb	17	10	3.5	0.9	10ppb	55ppb
61428	MCPHEE	SOIL	COLLUVIUM		10100	8000	1.7	18.4	11.9	65.4	189ppb	18	7	3.4	0.5	6ppb	40ppb
61429	MCPHEE	SOIL	COLLUVIUM		10050	8000	1.3	36.3	12.7	63.3	115ppb	28	7	6.9	1.0	3ppb	77ppb
61430	MCPHEE	SOIL	COLLUVIUM		10000	8000	1.8	24.1	11.5	59.3	210ppb	20	10	3.1	0.7	5ppb	30ppb
61431	MCPHEE	SOIL	COLLUVIUM		11500	8400	5.8	45.7	16.9	59.3	1083pp	30	10	2.4	0.3	2ppb	39ppb
61432	MCPHEE	SOIL	COLLUVIUM		11450	8400	4.3	40.3	13.7	62.7	847ppb	17	10	4.5	0.3	9ppb	50ppb
61433	MCPHEE	SOIL	COLLUVIUM		11400	8400	1.7	32.8	15.4	66.8	752ppb	19	9	3.8	0.3	2ppb	38ppb
61434	MCPHEE	SOIL	COLLUVIUM		11350	8400	1.2	19.7	55.8	85.1	310ppb	15	8	5.7	0.9	5ppb	28ppb
61435	MCPHEE	SOIL	COLLUVIUM		11300	8400	1.8	19.6	11.2	82.6	265ppb	15	10	3.8	0.3	6ppb	65ppb

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
61436	MCPHEE	SOIL	COLLUVIUM		11250	8400	2.9	11.5	31.7	44.6	151ppb	8	3	1.8	0.9	2ppb	50ppb
61437	MCPHEE	SOIL	COLLUVIUM		11200	8400	1.7	11.5	20.2	62.7	404ppb	11	5	4.1	1.4	3ppb	72ppb
61438	MCPHEE	SOIL	COLLUVIUM		11150	8400	1.1	10.8	15.4	58.1	217ppb	10	4	3.4	0.7	3ppb	64ppb
61439	MCPHEE	SOIL	COLLUVIUM		11100	8400	1.3	13.2	68.5	52.3	392ppb	12	6	4.8	0.8	22ppb	65ppb
61440	MCPHEE	SOIL	COLLUVIUM		11050	8400	1.2	16.0	55.6	83.9	259ppb	15	6	8.4	2.3	6ppb	97ppb
61441	MCPHEE	SOIL	COLLUVIUM		11000	8400	1.1	13.8	12.6	46.2	262ppb	12	5	3.7	0.4	7ppb	112ppb
61442	MCPHEE	SOIL	COLLUVIUM		10950	8400	1.0	12.3	14.0	86.4	173ppb	13	5	4.2	1.7	4ppb	64ppb
61443	MCPHEE	SOIL	COLLUVIUM		10900	8400	1.1	16.5	9.6	59.2	140ppb	14	6	2.7	0.4	5ppb	43ppb
61444	MCPHEE	SOIL	COLLUVIUM		10850	8400	1.3	14.7	12.8	51.4	332ppb	12	6	3.3	1.0	3ppb	77ppb
61445	MCPHEE	SOIL	COLLUVIUM		10800	8400	1.0	14.7	48.1	53.3	149ppb	12	6	4.8	1.5	5ppb	75ppb
61446	MCPHEE	SOIL	COLLUVIUM		10750	8400	1.3	16.3	12.4	64.6	233ppb	15	7	5.2	1.0	5ppb	116ppb
61447	MCPHEE	SOIL	COLLUVIUM		10700	8400	1.0	16.8	10.4	54.7	245ppb	15	7	5.1	0.4	5ppb	54ppb
61448	MCPHEE	SOIL	COLLUVIUM		10650	8400	1.1	14.3	20.6	48.6	161ppb	12	5	4.5	0.9	5ppb	72ppb
61449	MCPHEE	SOIL	COLLUVIUM		10600	8400	1.3	16.6	9.9	62.3	354ppb	13	7	3.4	0.3	5ppb	80ppb
61450	MCPHEE	SOIL	COLLUVIUM		10550	8400	1.5	16.5	14.7	59.2	145ppb	14	5	5.3	0.9	5ppb	42ppb
61451	MCPHEE	SOIL	COLLUVIUM		10500	8400	2.7	18.9	11.5	71.4	164ppb	21	10	4.9	1.0	3ppb	15ppb
61452	MCPHEE	SOIL	COLLUVIUM		10450	8400	2.0	23.4	9.9	59.4	164ppb	17	9	6.4	0.5	4ppb	42ppb
61453	MCPHEE	SOIL	COLLUVIUM		10400	8400	1.5	19.3	28.5	62.9	168ppb	16	8	6.8	1.3	3ppb	55ppb
61454	MCPHEE	SOIL	COLLUVIUM		10350	8400	1.2	17.2	11.1	65.9	218ppb	14	10	2.6	0.3	4ppb	62ppb
61455	MCPHEE	SOIL	COLLUVIUM		10300	8400	1.9	19.0	9.6	91.0	197ppb	18	12	3.4	1.0	5ppb	42ppb
61456	MCPHEE	SOIL	COLLUVIUM		10250	8400	1.3	15.2	10.3	86.8	307ppb	13	11	3.6	0.9	27ppb	35ppb
61457	MCPHEE	SOIL	COLLUVIUM		10200	8400	1.3	23.7	8.1	77.1	207ppb	19	10	3.7	0.7	9ppb	44ppb
61458	MCPHEE	SOIL	COLLUVIUM		10150	8400	2.2	28.0	9.2	60.0	377ppb	23	15	3.3	0.4	29ppb	49ppb
61459	MCPHEE	SOIL	COLLUVIUM		10100	8400	2.8	41.8	9.9	51.5	237ppb	31	15	5.1	0.4	11ppb	46ppb
61460	MCPHEE	SOIL	COLLUVIUM		10050	8400	3.2	26.1	15.7	59.9	306ppb	47	28	9.0	1.8	7ppb	38ppb
61461	MCPHEE	SOIL	COLLUVIUM		10000	8400	7.3	75.3	26.5	80.8	530ppb	77	30	5.3	1.0	7ppb	41ppb
61464	MCPHEE	SOIL	COLLUVIUM		11500	9000	1.0	11.3	11.1	75.0	175ppb	10	4	2.6	1.4	2ppb	74ppb
61465	MCPHEE	SOIL	COLLUVIUM		11450	9000	2.3	11.1	12.0	48.2	155ppb	5	2	2.1	0.7	3ppb	47ppb
61466	MCPHEE	SOIL	COLLUVIUM		11400	9000	5.9	17.3	30.1	44.8	316ppb	9	5	3.4	1.4	5ppb	61ppb
61467	MCPHEE	SOIL	COLLUVIUM		11350	9000	2.2	14.0	10.4	55.2	77ppb	15	6	2.5	0.6	6ppb	58ppb
61468	MCPHEE	SOIL	COLLUVIUM		11300	9000	1.9	10.5	8.9	69.4	90ppb	10	5	2.4	1.3	3ppb	47ppb
61469	MCPHEE	SOIL	COLLUVIUM		11250	9000	2.9	17.7	9.6	52.9	226ppb	12	5	1.6	0.8	2ppb	47ppb
61470	MCPHEE	SOIL	COLLUVIUM		11200	9000	2.6	20.5	9.0	49.1	421ppb	10	8	2.2	0.9	6ppb	79ppb
61471	MCPHEE	SOIL	COLLUVIUM		11150	9000	2.1	12.5	49.6	73.8	370ppb	9	4	4.3	2.1	3ppb	91ppb
61472	MCPHEE	SOIL	COLLUVIUM		11100	9000	2.6	21.3	8.8	48.2	156ppb	20	8	3.8	0.4	-1	41ppb
61473	MCPHEE	SOIL	COLLUVIUM		11050	9000	1.1	14.5	17.6	59.3	233ppb	14	6	5.4	1.2	-1	69ppb
61474	MCPHEE	SOIL	COLLUVIUM		11000	9000	2.8	18.1	10.1	57.7	190ppb	15	7	4.4	0.5	4ppb	76ppb
61475	MCPHEE	SOIL	COLLUVIUM		10950	9000	1.8	20.6	7.7	62.2	137ppb	21	7	4.1	0.3	4ppb	76ppb
61476	MCPHEE	SOIL	COLLUVIUM		10900	9000	2.2	13.9	7.0	28.5	157ppb	11	4	2.8	0.8	5ppb	50ppb
61477	MCPHEE	SOIL	COLLUVIUM		10850	9000	1.1	13.7	7.8	61.9	175ppb	13	7	2.6	0.4	2ppb	36ppb
61478	MCPHEE	SOIL	COLLUVIUM		10800	9000	3.8	19.9	8.8	32.2	378ppb	10	6	2.5	0.2	-1	82ppb
61479	MCPHEE	SOIL	COLLUVIUM		10750	9000	2.1	15.0	9.8	51.4	401ppb	8	4	4.2	0.6	-1	92ppb
61480	MCPHEE	SOIL	COLLUVIUM		10700	9000	1.8	16.5	11.8	62.5	211ppb	13	6	7.3	1.6	2ppb	107ppb
61481	MCPHEE	SOIL	COLLUVIUM		10650	9000	2.7	16.8	12.4	34.1	361ppb	10	3	3.4	0.5	-1	75ppb
61482	MCPHEE	SOIL	COLLUVIUM		10600	9000	3.5	17.7	6.5	45.9	243ppb	16	6	3.3	0.4	5ppb	32ppb
61483	MCPHEE	SOIL	COLLUVIUM		10550	9000	3.5	18.6	29.5	52.9	322ppb	20	6	4.1	0.9	16ppb	71ppb
61484	MCPHEE	SOIL	COLLUVIUM		10500	9000	11.0	18.7	13.0	47.5	642ppb	14	5	4.4	0.7	18ppb	57ppb
61485	MCPHEE	SOIL	COLLUVIUM		10450	9000	1.2	24.4	13.7	78.4	294ppb	20	11	3.6	0.3	72ppb	12ppb
61486	MCPHEE	SOIL	COLLUVIUM		10400	9000	1.9	17.7	11.0	48.3	241ppb	15	7	4.1	0.5	31ppb	116ppb

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
81487	MCPHEE	SOIL	COLLUVIUM		10350	9000	1.3	12.5	10.5	38.8	266ppb	8	3	3.0	1.1	4ppb	33ppb
81488	MCPHEE	SOIL	COLLUVIUM		10300	9000	6.6	22.0	10.7	54.8	593ppb	18	6	3.5	0.5	3ppb	58ppb
81489	MCPHEE	SOIL	COLLUVIUM		10250	9000	2.5	21.7	17.4	60.0	295ppb	14	5	6.2	1.1	2ppb	83ppb
81490	MCPHEE	SOIL	COLLUVIUM		10200	9000	3.1	14.7	12.2	52.7	316ppb	13	6	3.1	0.9	1ppb	110ppb
81491	MCPHEE	SOIL	COLLUVIUM		10150	9000	2.4	19.5	12.4	89.3	436ppb	17	10	3.6	0.4	-1	36ppb
81492	MCPHEE	SOIL	COLLUVIUM		10100	9000	3.9	21.5	9.4	65.0	258ppb	17	5	2.6	0.5	3ppb	74ppb
81493	MCPHEE	SOIL	COLLUVIUM		10050	9000	2.5	33.7	10.7	99.1	237ppb	53	7	3.3	0.6	1ppb	71ppb
81494	MCPHEE	SOIL	COLLUVIUM		10000	9000	2.3	18.3	10.5	51.9	205ppb	31	6	2.0	0.7	3ppb	54ppb
81500	MCPHEE	SOIL	COLLUVIUM		11500	8800	1.1	13.6	10.0	110.8	358ppb	17	9	2.9	0.6	2ppb	55ppb
81501	MCPHEE	SOIL	COLLUVIUM		11450	8800	0.9	16.2	16.5	71.5	362ppb	16	9	3.9	0.7	4ppb	51ppb
81502	MCPHEE	SOIL	COLLUVIUM		11400	8800	1.2	17.4	11.5	81.9	362ppb	17	9	3.4	0.4	5ppb	54ppb
81503	MCPHEE	SOIL	COLLUVIUM		11350	8800	1.1	41.6	11.2	82.3	818ppb	22	10	2.8	0.4	8ppb	38ppb
81504	MCPHEE	SOIL	COLLUVIUM		11300	8800	1.0	13.8	9.5	79.8	138ppb	16	7	3.3	0.5	3ppb	65ppb
81505	MCPHEE	SOIL	COLLUVIUM		11250	8800	3.7	30.9	12.2	63.3	376ppb	24	7	3.3	0.2	2ppb	39ppb
81506	MCPHEE	SOIL	COLLUVIUM		11200	8800	2.2	18.9	10.6	91.0	167ppb	18	8	2.0	0.4	9ppb	34ppb
81507	MCPHEE	SOIL	COLLUVIUM		11150	8800	1.9	37.2	13.6	51.0	674ppb	14	8	2.5	0.3	2ppb	63ppb
81508	MCPHEE	SOIL	COLLUVIUM		11100	8800	1.5	18.4	9.0	60.5	429ppb	13	9	3.4	0.7	2ppb	89ppb
81508	MCPHEE	SOIL	COLLUVIUM		11050	8800	1.8	16.0	8.5	50.7	217ppb	12	5	1.7	0.5	1ppb	75ppb
81510	MCPHEE	SOIL	COLLUVIUM		11000	8800	2.1	18.2	9.6	54.6	223ppb	14	6	2.8	0.2	2ppb	85ppb
81511	MCPHEE	SOIL	COLLUVIUM		10950	8800	1.4	11.8	6.9	51.3	107ppb	15	6	2.7	0.3	4ppb	28ppb
81512	MCPHEE	SOIL	COLLUVIUM		10900	8800	2.5	11.5	11.1	37.7	267ppb	7	4	1.7	0.3	-1	65ppb
81513	MCPHEE	SOIL	COLLUVIUM		10850	8800	1.7	12.1	9.1	22.9	181ppb	5	2	2.1	0.4	1ppb	44ppb
81514	MCPHEE	SOIL	COLLUVIUM		10800	8800	1.0	31.8	11.7	24.8	345ppb	8	3	2.4	0.7	1ppb	-1
81515	MCPHEE	SOIL	COLLUVIUM		10750	8800	1.9	13.5	9.8	27.8	311ppb	8	2	2.7	0.5	1ppb	125ppb
81516	MCPHEE	SOIL	COLLUVIUM		10700	8800	2.0	12.4	9.2	34.8	512ppb	7	3	4.3	0.4	-1	105ppb
81517	MCPHEE	SOIL	COLLUVIUM		10650	8800	1.8	13.2	9.7	30.2	306ppb	14	5	2.1	0.4	1ppb	52ppb
81518	MCPHEE	SOIL	COLLUVIUM		10600	8800	1.7	10.2	9.3	31.3	291ppb	7	2	3.0	0.3	2ppb	102ppb
81519	MCPHEE	SOIL	COLLUVIUM		10550	8800	1.8	12.2	12.2	39.9	470ppb	6	3	4.9	1.1	1ppb	82ppb
81520	MCPHEE	SOIL	COLLUVIUM		10500	8800	1.4	11.9	9.6	48.8	290ppb	11	5	3.7	0.7	2ppb	100ppb
81521	MCPHEE	SOIL	COLLUVIUM		10450	8800	1.3	14.2	9.5	33.9	130ppb	6	4	3.4	0.8	1ppb	81ppb
81522	MCPHEE	SOIL	COLLUVIUM		10400	8800	1.3	13.0	8.6	39.2	353ppb	8	5	3.3	0.4	1ppb	120ppb
81523	MCPHEE	SOIL	COLLUVIUM		10350	8800	1.6	17.9	10.9	56.6	185ppb	12	6	5.1	0.8	1ppb	97ppb
81524	MCPHEE	SOIL	COLLUVIUM		10300	8800	1.2	17.8	10.1	74.4	349ppb	13	8	4.4	0.8	-1	95ppb
81525	MCPHEE	SOIL	COLLUVIUM		10250	8800	1.1	20.5	9.3	65.9	365ppb	22	9	4.0	0.4	11ppb	57ppb
81526	MCPHEE	SOIL	COLLUVIUM		10200	8800	1.6	20.0	10.5	50.0	527ppb	18	7	3.2	0.2	3ppb	101ppb
81527	MCPHEE	SOIL	COLLUVIUM		10150	8800	1.7	13.1	11.2	44.4	278ppb	11	7	3.0	0.4	1ppb	81ppb
81528	MCPHEE	SOIL	COLLUVIUM		10100	8800	1.2	15.7	10.6	48.7	580ppb	12	7	3.3	0.4	76ppb	108ppb
81529	MCPHEE	SOIL	COLLUVIUM		10050	8800	1.3	17.4	15.7	78.4	458ppb	18	9	5.5	0.9	2ppb	105ppb
81530	MCPHEE	SOIL	COLLUVIUM		10000	8800	1.1	38.1	18.7	63.7	268ppb	17	7	4.6	0.8	2ppb	61ppb
81531	MCPHEE	SOIL	COLLUVIUM		11500	9200	1.6	26.7	16.0	114.6	449ppb	22	13	3.4	0.5	5ppb	54ppb
81532	MCPHEE	SOIL	COLLUVIUM		11450	9200	1.2	27.3	9.5	101.8	177ppb	26	11	2.7	-1	3ppb	29ppb
81533	MCPHEE	SOIL	COLLUVIUM		11400	9200	1.5	26.3	15.4	96.2	221ppb	20	12	2.8	0.3	4ppb	33ppb
81534	MCPHEE	SOIL	COLLUVIUM		11350	9200	0.9	22.4	10.2	185.3	251ppb	26	11	2.5	0.3	3ppb	48ppb
81535	MCPHEE	SOIL	COLLUVIUM		11300	9200	1.0	14.5	17.9	162.1	302ppb	14	10	2.6	0.4	1ppb	58ppb
81536	MCPHEE	SOIL	COLLUVIUM		11250	9200	1.3	18.6	13.7	105.8	319ppb	20	10	3.2	0.5	2ppb	46ppb
81537	MCPHEE	SOIL	COLLUVIUM		11200	9200	3.4	22.5	44.8	106.3	690ppb	17	8	3.4	1.0	4ppb	87ppb
81538	MCPHEE	SOIL	COLLUVIUM		11150	9200	2.5	19.5	15.7	53.7	296ppb	12	4	2.2	0.2	3ppb	84ppb
81539	MCPHEE	SOIL	COLLUVIUM		11100	9200	7.8	32.0	8.1	46.4	293ppb	18	7	2.3	0.2	1ppb	49ppb
81540	MCPHEE	SOIL	COLLUVIUM		11050	9200	4.5	42.1	10.9	43.3	768ppb	16	8	1.9	-1	-1	63ppb

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
61541	MCPHEE	SOIL	COLLUVIUM		11000	9200	2.0	51.6	13.9	78.9	615ppb	29	11	2.4	-1	1ppb	54ppb
61542	MCPHEE	SOIL	COLLUVIUM		10950	9200	1.2	18.6	9.5	56.6	303ppb	13	7	1.9	-1	4ppb	44ppb
61543	MCPHEE	SOIL	COLLUVIUM		10900	9200	1.5	17.6	10.9	78.4	248ppb	11	6	3.0	0.5	-1	127ppb
61544	MCPHEE	SOIL	COLLUVIUM		10850	9200	2.6	97.4	32.9	84.9	500ppb	20	9	4.0	0.4	3ppb	38ppb
61545	MCPHEE	SOIL	COLLUVIUM		10800	9200	1.0	15.7	13.0	54.2	325ppb	12	5	3.1	0.6	251ppb	51ppb
61546	MCPHEE	SOIL	COLLUVIUM		10750	9200	3.8	254.3	13.6	52.0	1400pp	25	9	2.7	-1	4ppb	78ppb
61547	MCPHEE	SOIL	COLLUVIUM		10700	9200	1.6	14.3	11.3	71.6	336ppb	12	6	1.8	0.2	2ppb	81ppb
61548	MCPHEE	SOIL	COLLUVIUM		10650	9200	1.4	19.3	14.2	75.7	538ppb	12	6	4.7	0.9	2ppb	159ppb
61549	MCPHEE	SOIL	COLLUVIUM		10600	9200	1.0	13.7	11.2	35.0	166ppb	9	3	1.9	0.3	2ppb	61ppb
61550	MCPHEE	SOIL	COLLUVIUM		10550	9200	1.9	15.7	11.6	51.1	213ppb	16	7	2.6	-1	3ppb	55ppb
61551	MCPHEE	SOIL	COLLUVIUM		10500	9200	2.2	20.3	11.3	69.1	97ppb	24	8	3.3	0.5	4ppb	45ppb
61552	MCPHEE	SOIL	COLLUVIUM		10450	9200	2.3	19.9	11.7	73.5	202ppb	16	7	4.7	1.3	3ppb	83ppb
61553	MCPHEE	SOIL	COLLUVIUM		10400	9200	1.8	26.5	10.4	103.6	351ppb	23	10	2.9	0.2	49ppb	53ppb
61554	MCPHEE	SOIL	COLLUVIUM		10350	9200	10.5	44.9	9.7	105.7	235ppb	37	16	4.7	0.2	4ppb	34ppb
61555	MCPHEE	SOIL	COLLUVIUM		10300	9200	3.4	24.6	11.4	91.7	617ppb	29	10	3.5	0.3	2ppb	67ppb
61556	MCPHEE	SOIL	COLLUVIUM		10250	9200	2.8	49.2	11.4	84.7	318ppb	27	16	2.8	0.2	4ppb	91ppb
61557	MCPHEE	SOIL	COLLUVIUM		10200	9200	3.4	27.1	13.4	66.7	289ppb	18	10	2.1	0.3	2ppb	64ppb
61558	MCPHEE	SOIL	COLLUVIUM		10150	9200	2.2	27.3	10.1	70.6	559ppb	15	10	3.7	0.2	3ppb	110ppb
61559	MCPHEE	SOIL	COLLUVIUM		10100	9200	2.2	43.5	20.2	95.5	358ppb	67	17	3.3	0.5	4ppb	56ppb
61560	MCPHEE	SOIL	COLLUVIUM		10050	9200	1.9	70.6	12.0	124.5	196ppb	74	16	3.8	0.2	5ppb	47ppb
61561	MCPHEE	SOIL	COLLUVIUM		10000	9200	0.9	20.4	8.7	76.7	184ppb	17	9	2.6	0.2	3ppb	72ppb
61563	MCPHEE	SOIL	COLLUVIUM		11050	8600	0.9	13.5	13.8	64.3	272ppb	13	6	3.0	0.4	5ppb	78ppb
61564	MCPHEE	SOIL	COLLUVIUM		11000	8600	0.8	12.5	11.0	49.9	272ppb	13	5	2.7	0.5	3ppb	69ppb
61565	MCPHEE	SOIL	COLLUVIUM		10950	8600	1.0	11.8	13.9	60.2	180ppb	11	5	2.4	0.6	10ppb	47ppb
61566	MCPHEE	SOIL	COLLUVIUM		10900	8600	1.3	13.3	14.0	63.2	193ppb	14	7	4.2	0.9	3ppb	103ppb
61567	MCPHEE	SOIL	COLLUVIUM		10850	8600	0.6	12.0	20.3	87.3	299ppb	18	7	2.9	0.7	6ppb	47ppb
61568	MCPHEE	SOIL	COLLUVIUM		10800	8600	0.9	12.2	8.9	72.2	332ppb	12	7	1.8	-1	3ppb	84ppb
61569	MCPHEE	SOIL	COLLUVIUM		10700	8600	2.6	14.0	44.2	53.1	273ppb	10	5	2.3	1.1	3ppb	62ppb
61570	MCPHEE	SOIL	COLLUVIUM		10650	8600	1.0	15.1	11.0	51.1	419ppb	13	5	2.3	0.3	4ppb	118ppb
61571	MCPHEE	SOIL	COLLUVIUM		10600	8600	1.5	15.6	9.4	47.3	435ppb	12	6	2.5	-1	3ppb	83ppb
61572	MCPHEE	SOIL	COLLUVIUM		10550	8600	5.0	12.7	16.5	56.6	398ppb	16	6	3.1	0.5	3ppb	72ppb
61573	MCPHEE	SOIL	COLLUVIUM		10500	8600	2.3	24.8	18.0	132.7	393ppb	26	10	7.6	0.7	2ppb	56ppb
61574	MCPHEE	SOIL	COLLUVIUM		10450	8600	2.5	58.9	12.7	86.7	787ppb	54	11	7.6	0.5	7ppb	65ppb
61575	MCPHEE	SOIL	COLLUVIUM		10400	8600	1.8	20.3	12.6	80.1	495ppb	21	9	10.5	0.9	14ppb	114ppb
61576	MCPHEE	SOIL	COLLUVIUM		10350	8600	0.9	16.6	10.4	57.8	108ppb	18	7	2.9	0.7	2ppb	27ppb
61577	MCPHEE	SOIL	COLLUVIUM		10300	8600	1.2	19.2	10.7	71.3	97ppb	24	8	4.5	1.3	6ppb	43ppb
61578	MCPHEE	SOIL	COLLUVIUM		10250	8600	3.4	19.8	11.7	67.2	281ppb	13	6	5.3	1.2	1ppb	78ppb
61579	MCPHEE	SOIL	COLLUVIUM		10200	8600	1.2	15.7	10.0	60.2	171ppb	15	8	3.2	0.5	2ppb	47ppb
61580	MCPHEE	SOIL	COLLUVIUM		10150	8600	1.8	20.9	10.3	60.9	288ppb	14	9	2.9	0.5	2ppb	106ppb
61581	MCPHEE	SOIL	COLLUVIUM		10100	8600	1.1	14.4	9.3	54.0	171ppb	13	7	2.5	0.3	4ppb	67ppb
61582	MCPHEE	SOIL	COLLUVIUM		10050	8600	1.0	13.0	11.7	66.3	126ppb	22	9	3.2	0.6	9ppb	40ppb
61583	MCPHEE	SOIL	COLLUVIUM		10000	8600	1.0	17.9	7.9	41.8	174ppb	11	6	2.7	0.2	1ppb	50ppb
61584	MCPHEE	SOIL	COLLUVIUM		11500	9400	0.8	29.2	10.0	116.6	224ppb	21	12	3.3	0.3	41ppb	62ppb
61585	MCPHEE	SOIL	COLLUVIUM		11450	9400	1.4	27.1	9.8	56.7	162ppb	17	9	2.5	0.3	4ppb	28ppb
61586	MCPHEE	SOIL	COLLUVIUM		11400	9400	0.7	12.6	17.3	84.7	148ppb	15	7	4.0	0.9	2ppb	51ppb
61587	MCPHEE	SOIL	COLLUVIUM		11350	9400	1.6	16.9	13.0	79.7	384ppb	15	7	2.9	0.6	8ppb	52ppb
61588	MCPHEE	SOIL	COLLUVIUM		11300	9400	1.0	19.2	9.1	63.6	265ppb	12	7	2.6	0.3	2ppb	64ppb
61589	MCPHEE	SOIL	COLLUVIUM		11250	9400	2.3	17.9	14.5	97.2	243ppb	16	9	3.2	0.5	4ppb	60ppb
61590	MCPHEE	SOIL	COLLUVIUM		11200	9400	1.1	13.2	15.0	58.2	44ppb	14	6	4.8	0.6	3ppb	16ppb



Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
61581	MCPHEE	SOIL	COLLUVIUM		11150	9400	1.2	17.7	10.2	74.7	81ppb	18	9	3.1	0.4	6ppb	20ppb
61582	MCPHEE	SOIL	COLLUVIUM		11100	9400	1.3	14.8	13.4	142.3	187ppb	14	8	3.3	1.1	1ppb	56ppb
61593	MCPHEE	SOIL	COLLUVIUM		11050	9400	1.0	10.9	18.0	115.9	96ppb	11	6	4.7	1.3	3ppb	27ppb
61594	MCPHEE	SOIL	COLLUVIUM		11000	9400	3.0	35.8	69.7	111.1	273ppb	17	13	3.0	1.2	15ppb	48ppb
61595	MCPHEE	SOIL	COLLUVIUM		10950	9400	0.8	16.8	14.1	49.1	43ppb	17	9	2.7	0.5	20ppb	11ppb
61596	MCPHEE	SOIL	COLLUVIUM		10900	9400	2.1	16.6	12.9	40.8	316ppb	12	5	2.7	0.7	4ppb	72ppb
61597	MCPHEE	SOIL	COLLUVIUM		10850	9400	1.2	13.8	27.2	129.5	227ppb	9	6	2.9	0.7	35ppb	39ppb
61598	MCPHEE	SOIL	COLLUVIUM		10800	9400	1.7	18.2	29.0	68.5	224ppb	10	6	3.6	1.2	-1	48ppb
61599	MCPHEE	SOIL	COLLUVIUM		10750	9400	1.5	25.1	30.4	88.2	253ppb	14	8	2.9	0.8	2ppb	52ppb
61900	MCPHEE	SOIL	COLLUVIUM		10700	9400	3.1	45.3	37.1	74.1	283ppb	18	9	2.4	1.1	1ppb	47ppb
61901	MCPHEE	SOIL	COLLUVIUM		10850	9400	2.3	24.3	16.0	93.6	241ppb	19	8	2.6	0.5	-1	53ppb
61902	MCPHEE	SOIL	COLLUVIUM		10800	9400	2.8	21.7	11.1	72.6	217ppb	19	9	2.9	0.5	1ppb	44ppb
61903	MCPHEE	SOIL	COLLUVIUM		10550	9400	1.7	19.3	22.7	70.9	137ppb	20	7	4.7	0.9	1ppb	57ppb
61904	MCPHEE	SOIL	COLLUVIUM		10500	9400	2.5	48.9	13.2	44.9	249ppb	10	4	4.6	0.7	14ppb	102ppb
61905	MCPHEE	SOIL	COLLUVIUM		10450	9400	1.2	17.1	8.0	68.7	233ppb	13	6	1.4	0.6	2ppb	47ppb
61906	MCPHEE	SOIL	COLLUVIUM		10400	9400	3.2	21.1	9.3	58.2	361ppb	13	11	2.7	0.4	-1	75ppb
61907	MCPHEE	SOIL	COLLUVIUM		10350	9400	1.9	33.0	9.3	91.6	387ppb	19	11	4.2	0.6	5ppb	60ppb
61908	MCPHEE	SOIL	COLLUVIUM		10300	9400	3.6	21.2	9.7	61.5	441ppb	13	8	2.5	0.5	-1	63ppb
61909	MCPHEE	SOIL	COLLUVIUM		10250	9400	5.0	42.2	14.2	78.3	258ppb	15	9	3.6	0.9	7ppb	34ppb
61910	MCPHEE	SOIL	COLLUVIUM		10200	9400	3.1	31.9	9.9	59.4	560ppb	13	7	1.9	0.4	2ppb	105ppb
61911	MCPHEE	SOIL	COLLUVIUM		10150	9400	2.3	33.6	9.2	63.7	427ppb	20	8	4.5	0.6	4ppb	62ppb
61912	MCPHEE	SOIL	COLLUVIUM		10100	9400	6.1	36.9	14.3	106.0	203ppb	22	15	1.9	0.6	5ppb	65ppb
61913	MCPHEE	SOIL	COLLUVIUM		10050	9400	2.1	18.6	9.8	74.6	99ppb	14	6	2.3	0.4	1ppb	105ppb
61914	MCPHEE	SOIL	COLLUVIUM		10000	9400	1.6	22.5	9.1	63.7	228ppb	14	9	2.1	0.5	1ppb	77ppb
61915	MCPHEE	SOIL	COLLUVIUM		9950	9000	1.9	82.3	7.7	53.9	350ppb	68	17	40.4	0.6	17ppb	30ppb
61916	MCPHEE	SOIL	COLLUVIUM		9900	9000	4.7	32.2	17.0	60.8	143ppb	28	15	2.8	0.5	6ppb	39ppb
61917	MCPHEE	SOIL	COLLUVIUM		9850	9000	20.6	46.6	37.1	85.4	584ppb	33	25	4.6	1.1	2ppb	90ppb
61918	MCPHEE	SOIL	COLLUVIUM		9800	9000	3.1	22.3	10.8	29.7	198ppb	13	4	1.2	-1	1ppb	40ppb
61919	MCPHEE	SOIL	COLLUVIUM		9750	9000	3.0	27.6	13.0	71.7	206ppb	24	8	2.0	0.5	3ppb	27ppb
61920	MCPHEE	SOIL	COLLUVIUM		9700	9000	2.6	10.3	27.5	50.3	287ppb	3	1	0.6	2.4	-1	146ppb
61921	MCPHEE	SOIL	COLLUVIUM		9650	9000	1.1	18.7	8.1	52.9	145ppb	21	9	2.1	0.3	2ppb	38ppb
61922	MCPHEE	SOIL	COLLUVIUM		9600	9000	1.8	14.3	11.9	44.7	149ppb	10	5	3.4	1.0	1ppb	85ppb
61923	MCPHEE	SOIL	COLLUVIUM		9550	9000	1.2	17.4	11.1	69.3	182ppb	13	10	2.9	0.8	10ppb	68ppb
61924	MCPHEE	SOIL	COLLUVIUM		9500	9000	0.9	14.8	8.9	50.5	362ppb	14	6	1.2	0.4	1ppb	54ppb
61925	MCPHEE	SOIL	COLLUVIUM		9450	9000	1.1	14.2	8.1	66.8	215ppb	11	5	1.6	0.5	-1	81ppb
61926	MCPHEE	SOIL	COLLUVIUM		9400	9000	0.9	15.0	8.5	48.2	360ppb	13	6	1.9	0.3	1ppb	97ppb
61927	MCPHEE	SOIL	COLLUVIUM		9350	9000	3.1	21.8	12.6	38.1	70ppb	19	7	4.1	1.0	4ppb	51ppb
61928	MCPHEE	SOIL	COLLUVIUM		9300	9000	1.2	19.9	7.8	68.1	246ppb	13	8	1.9	0.2	1ppb	57ppb
61929	MCPHEE	SOIL	COLLUVIUM		9250	9000	1.7	40.8	9.4	57.2	367ppb	14	8	1.3	0.2	1ppb	37ppb
61930	MCPHEE	SOIL	COLLUVIUM		9200	9000	1.9	30.0	9.8	52.2	297ppb	18	8	1.2	-1	6ppb	23ppb
61931	MCPHEE	SOIL	COLLUVIUM		9150	9000	1.7	21.8	10.1	54.3	328ppb	19	9	1.5	0.3	2ppb	40ppb
61932	MCPHEE	SOIL	COLLUVIUM		9100	9000	1.2	20.5	12.6	73.1	226ppb	18	10	2.9	0.6	5ppb	42ppb
61933	MCPHEE	SOIL	COLLUVIUM		9050	9000	1.8	25.3	24.0	67.5	332ppb	17	9	3.5	0.7	2ppb	39ppb
61934	MCPHEE	SOIL	COLLUVIUM		9000	9000	2.0	27.3	15.8	70.8	273ppb	23	11	2.9	0.4	2ppb	30ppb
61935	MCPHEE	SOIL	COLLUVIUM		9950	8400	5.7	27.0	12.4	54.8	196ppb	22	7	2.0	0.3	3ppb	33ppb
61936	MCPHEE	SOIL	COLLUVIUM		9900	8400	1.6	18.2	11.4	92.7	280ppb	14	9	3.2	0.7	1ppb	57ppb
61937	MCPHEE	SOIL	COLLUVIUM		9850	8400	1.3	23.8	10.4	85.7	104ppb	20	10	3.2	0.3	7ppb	22ppb
61938	MCPHEE	SOIL	COLLUVIUM		9800	8400	0.9	20.5	8.6	62.9	257ppb	19	10	2.1	0.3	42ppb	39ppb
61939	MCPHEE	SOIL	COLLUVIUM		9750	8400	1.1	41.2	13.6	68.3	201ppb	27	12	4.2	0.6	24ppb	52ppb

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
61940	MCPHEE	SOIL	COLLUVIUM		9700	8400	1.1	30.1	13.3	73.7	323ppb	32	13	3.3	0.4	199ppb	42ppb
61941	MCPHEE	SOIL	COLLUVIUM		9850	8400	0.8	16.9	11.8	113.1	284ppb	15	13	4.6	0.8	2ppb	54ppb
61942	MCPHEE	SOIL	COLLUVIUM		9800	8400	1.8	38.8	17.6	189.1	527ppb	20	21	3.3	0.4	2ppb	53ppb
61943	MCPHEE	SOIL	COLLUVIUM		9550	8400	2.2	18.1	11.0	29.7	305ppb	8	3	1.1	0.3	1ppb	24ppb
61944	MCPHEE	SOIL	COLLUVIUM		9500	8400	5.3	65.1	13.7	90.1	813ppb	28	16	7.2	0.4	5ppb	28ppb
61945	MCPHEE	SOIL	COLLUVIUM		9450	8400	2.0	21.0	11.5	50.1	172ppb	12	6	4.4	0.6	1ppb	70ppb
61946	MCPHEE	SOIL	COLLUVIUM		9400	8400	1.1	27.0	7.6	77.7	206ppb	19	11	1.9	-1	7ppb	40ppb
61947	MCPHEE	SOIL	COLLUVIUM		9350	8400	2.6	42.4	9.0	65.5	330ppb	31	11	2.9	0.2	3ppb	51ppb
61948	MCPHEE	SOIL	COLLUVIUM		9300	8400	2.6	72.6	8.5	139.8	535ppb	39	20	3.7	0.2	4ppb	49ppb
61949	MCPHEE	SOIL	COLLUVIUM		9250	8400	1.4	50.3	8.0	64.1	378ppb	35	24	3.8	0.5	4ppb	81ppb
61950	MCPHEE	SOIL	COLLUVIUM		9200	8400	1.6	47.5	9.8	85.3	530ppb	61	23	4.4	0.2	4ppb	61ppb
61951	MCPHEE	SOIL	COLLUVIUM		9150	8400	1.0	28.0	17.6	56.6	191ppb	21	10	4.1	0.5	11ppb	31ppb
61952	MCPHEE	SOIL	COLLUVIUM		9100	8400	0.7	18.4	9.3	127.0	446ppb	17	12	2.5	0.2	-1	73ppb
61953	MCPHEE	SOIL	COLLUVIUM		9050	8400	0.9	33.2	9.8	57.7	403ppb	24	10	5.1	-1	16ppb	66ppb
61954	MCPHEE	SOIL	COLLUVIUM		9000	8400	1.0	18.4	8.6	60.2	506ppb	13	9	5.0	0.2	-1	90ppb
61955	MCPHEE	SOIL	COLLUVIUM		8950	8800	1.5	35.3	8.3	62.2	379ppb	15	7	5.0	0.4	3ppb	119ppb
61956	MCPHEE	SOIL	COLLUVIUM		8900	8800	1.3	33.0	10.6	66.9	240ppb	16	7	7.0	1.3	1ppb	67ppb
61957	MCPHEE	SOIL	COLLUVIUM		8850	8800	1.2	19.2	11.9	63.8	113ppb	12	5	5.0	0.6	1ppb	57ppb
61958	MCPHEE	SOIL	COLLUVIUM		8800	8800	1.4	19.1	10.3	58.0	145ppb	10	4	2.5	-1	-1	72ppb
61959	MCPHEE	SOIL	COLLUVIUM		8750	8800	1.4	12.4	9.1	51.1	178ppb	11	5	4.0	0.5	-1	92ppb
61960	MCPHEE	SOIL	COLLUVIUM		8700	8800	1.7	19.6	10.4	54.4	312ppb	15	5	3.6	0.3	3ppb	73ppb
61961	MCPHEE	SOIL	COLLUVIUM		8650	8800	1.3	25.0	13.7	60.5	226ppb	20	8	3.8	0.2	2ppb	54ppb
61962	MCPHEE	SOIL	COLLUVIUM		8600	8800	1.2	17.3	16.2	58.6	212ppb	15	6	5.5	0.5	5ppb	88ppb
61963	MCPHEE	SOIL	COLLUVIUM		9550	8800	1.5	18.0	16.6	61.5	251ppb	14	7	12.7	1.3	2ppb	75ppb
61964	MCPHEE	SOIL	COLLUVIUM		9500	8800	1.4	19.8	17.6	71.4	163ppb	23	7	6.8	0.5	1ppb	49ppb
61965	MCPHEE	SOIL	COLLUVIUM		9450	8800	1.0	17.2	14.8	48.9	162ppb	11	4	5.3	0.8	1ppb	95ppb
61966	MCPHEE	SOIL	COLLUVIUM		9400	8800	1.0	17.9	9.7	51.8	603ppb	11	7	4.0	0.2	-1	202ppb
61967	MCPHEE	SOIL	COLLUVIUM		9350	8800	0.9	22.7	8.3	52.5	283ppb	20	9	2.2	-1	3ppb	43ppb
61968	MCPHEE	SOIL	COLLUVIUM		9300	8800	1.3	17.9	7.5	65.8	347ppb	12	7	1.8	0.2	8ppb	37ppb
61969	MCPHEE	SOIL	COLLUVIUM		9250	8800	1.0	16.7	15.2	80.0	178ppb	16	9	4.5	0.3	8ppb	63ppb
61970	MCPHEE	SOIL	COLLUVIUM		9200	8800	2.1	48.8	11.2	42.8	620ppb	19	11	3.9	-1	2ppb	59ppb
61971	MCPHEE	SOIL	COLLUVIUM		9150	8800	1.3	17.6	10.3	63.2	213ppb	18	10	3.6	0.2	1ppb	67ppb
61972	MCPHEE	SOIL	COLLUVIUM		9100	8800	0.7	21.5	6.6	74.0	86ppb	23	10	3.3	0.2	1ppb	20ppb
61973	MCPHEE	SOIL	COLLUVIUM		9000	8800	2.8	25.3	10.4	49.6	259ppb	19	8	3.8	-1	1ppb	51ppb
61974	MCPHEE	SOIL	COLLUVIUM		8950	7800	2.6	17.4	24.2	50.6	229ppb	13	7	4.1	1.4	1ppb	62ppb
61975	MCPHEE	SOIL	COLLUVIUM		8900	7800	2.3	42.3	16.4	69.0	213ppb	37	11	5.8	0.7	33ppb	29ppb
61976	MCPHEE	SOIL	COLLUVIUM		8750	7800	4.7	22.4	13.8	67.2	228ppb	24	13	5.0	0.6	3ppb	82ppb
61977	MCPHEE	SOIL	COLLUVIUM		8700	7800	7.9	23.5	12.8	56.8	335ppb	21	9	4.9	0.9	5ppb	57ppb
61978	MCPHEE	SOIL	COLLUVIUM		8650	7800	11.7	40.2	11.7	34.9	360ppb	19	5	6.4	0.3	4ppb	78ppb
61979	MCPHEE	SOIL	COLLUVIUM		8600	7800	1.3	28.9	11.0	88.6	182ppb	18	9	10.6	0.5	88ppb	62ppb
61980	MCPHEE	SOIL	COLLUVIUM		9550	7800	5.1	18.8	12.9	73.1	641ppb	19	7	4.3	0.9	5ppb	100ppb
61981	MCPHEE	SOIL	COLLUVIUM		9500	7800	2.5	60.0	35.1	163.3	663ppb	60	24	7.0	1.1	14ppb	46ppb
61982	MCPHEE	SOIL	COLLUVIUM		9450	7800	1.1	69.6	12.9	113.2	642ppb	32	9	6.1	0.5	10ppb	45ppb
61983	MCPHEE	SOIL	COLLUVIUM		9400	7800	1.7	44.5	10.7	54.5	1008pp	22	9	7.5	0.6	6ppb	101ppb
61984	MCPHEE	SOIL	COLLUVIUM		9350	7800	1.2	20.7	14.0	155.7	310ppb	20	10	5.5	0.7	1ppb	71ppb
61985	MCPHEE	SOIL	COLLUVIUM		9300	7800	16.4	51.6	14.4	69.9	648ppb	38	18	8.4	0.7	24ppb	65ppb
61986	MCPHEE	SOIL	COLLUVIUM		9250	7800	1.9	16.2	15.5	80.0	530ppb	18	9	4.7	0.7	2ppb	80ppb
61987	MCPHEE	SOIL	COLLUVIUM		9200	7800	1.0	15.3	13.7	92.7	161ppb	15	8	4.6	0.6	2ppb	40ppb
61988	MCPHEE	SOIL	COLLUVIUM		9150	7800	1.0	10.8	20.4	109.6	218ppb	11	9	5.7	1.3	2ppb	79ppb

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
61989	MCPHEE	SOIL	COLLUVIUM		9100	7800	1.2	16.5	10.5	78.2	181ppb	15	9	5.0	0.8	1ppb	67ppb
61990	MCPHEE	SOIL	COLLUVIUM		9050	7800	0.7	14.5	8.7	96.5	195ppb	17	10	3.8	0.5	2ppb	85ppb
61991	MCPHEE	SOIL	COLLUVIUM		9000	7800	1.2	10.4	10.5	77.7	332ppb	13	7	5.5	0.6	2ppb	75ppb
62000	MCPHEE	SOIL	COLLUVIUM		9000	9800	2.9	44.2	9.3	61.1	476ppb	29	11	2.5	-1	3ppb	54ppb
62001	MCPHEE	SOIL	COLLUVIUM		9050	9800	1.6	16.0	12.5	91.2	178ppb	19	8	7.1	0.5	10ppb	41ppb
62002	MCPHEE	SOIL	COLLUVIUM		9100	9800	2.0	22.9	12.1	69.3	359ppb	24	10	4.0	0.5	4ppb	36ppb
62003	MCPHEE	SOIL	COLLUVIUM		9150	9800	1.9	30.4	10.7	55.5	344ppb	29	10	2.8	0.6	5ppb	23ppb
62004	MCPHEE	SOIL	COLLUVIUM		9200	9800	1.8	24.4	40.8	80.9	296ppb	25	11	10.4	1.4	5ppb	60ppb
62005	MCPHEE	SOIL	COLLUVIUM		9250	9800	1.6	27.6	11.9	87.2	273ppb	33	12	2.4	0.4	21ppb	28ppb
62006	MCPHEE	SOIL	COLLUVIUM		9300	9800	1.7	51.3	11.1	85.5	333ppb	46	17	2.8	0.4	2ppb	35ppb
62007	MCPHEE	SOIL	COLLUVIUM		9350	9800	1.1	22.2	9.7	135.6	413ppb	18	12	2.0	0.5	3ppb	50ppb
62008	MCPHEE	SOIL	COLLUVIUM		9400	9800	0.8	20.4	3.1	110.6	251ppb	23	11	2.4	0.4	3ppb	50ppb
62009	MCPHEE	SOIL	COLLUVIUM		9450	9800	2.4	25.4	11.4	65.7	344ppb	20	12	2.8	0.4	2ppb	41ppb
62010	MCPHEE	SOIL	COLLUVIUM		9500	9800	2.8	28.4	9.3	52.7	235ppb	18	9	2.6	0.2	1ppb	53ppb
62011	MCPHEE	SOIL	COLLUVIUM		9550	9800	1.6	19.1	11.3	68.9	173ppb	15	8	3.0	0.4	10ppb	44ppb
62012	MCPHEE	SOIL	COLLUVIUM		9600	9800	1.5	32.3	10.4	39.8	320ppb	16	8	2.4	0.3	5ppb	49ppb
62013	MCPHEE	SOIL	COLLUVIUM		9650	9800	2.2	46.8	10.3	66.1	527ppb	23	10	2.3	0.3	3ppb	39ppb
62014	MCPHEE	SOIL	COLLUVIUM		9700	9800	2.2	56.3	11.4	158.6	415ppb	21	10	2.8	0.4	3ppb	40ppb
62015	MCPHEE	SOIL	COLLUVIUM		9750	9800	1.4	53.6	11.5	193.3	338ppb	23	12	3.3	0.3	7ppb	41ppb
62016	MCPHEE	SOIL	COLLUVIUM		9800	9800	2.6	25.2	12.5	80.0	205ppb	15	7	4.0	0.5	8ppb	53ppb
62017	MCPHEE	SOIL	COLLUVIUM		9850	9800	12.0	28.1	8.7	24.3	128ppb	16	8	4.5	-1	5ppb	35ppb
62018	MCPHEE	SOIL	COLLUVIUM		9900	9800	5.5	17.7	13.3	27.5	201ppb	9	4	3.1	0.6	1ppb	85ppb
62019	MCPHEE	SOIL	COLLUVIUM		9950	9800	7.0	41.9	10.4	40.9	280ppb	17	8	2.1	0.2	3ppb	36ppb
62020	MCPHEE	SOIL	COLLUVIUM		10000	9800	2.1	23.7	16.6	76.6	522ppb	17	7	4.9	1.1	3ppb	140ppb
62021	MCPHEE	SOIL	COLLUVIUM		10000	9800	2.1	30.4	13.2	76.9	299ppb	17	8	2.6	0.3	2ppb	57ppb
62022	MCPHEE	SOIL	COLLUVIUM		9950	9600	1.6	20.5	9.3	60.1	317ppb	15	7	3.2	0.3	1ppb	71ppb
62023	MCPHEE	SOIL	COLLUVIUM		9900	9600	1.5	26.2	8.6	52.8	171ppb	16	5	3.7	0.5	4ppb	92ppb
62024	MCPHEE	SOIL	COLLUVIUM		9850	9600	1.6	29.5	9.6	88.9	209ppb	20	10	3.7	0.4	3ppb	71ppb
62025	MCPHEE	SOIL	COLLUVIUM		9800	9600	2.1	25.8	10.0	146.1	317ppb	19	9	3.4	0.5	1ppb	95ppb
62026	MCPHEE	SOIL	COLLUVIUM		9750	9600	1.7	19.6	3.6	83.1	371ppb	13	9	3.6	1.0	64ppb	75ppb
62027	MCPHEE	SOIL	COLLUVIUM		9700	9600	1.1	24.8	11.7	79.6	286ppb	21	11	3.4	0.4	28ppb	58ppb
62028	MCPHEE	SOIL	COLLUVIUM		9650	9600	4.7	41.8	15.1	122.9	1182ppb	19	6	3.8	0.5	5ppb	57ppb
62029	MCPHEE	SOIL	COLLUVIUM		9600	9600	2.7	35.8	8.7	59.7	328ppb	37	11	2.8	0.3	4ppb	35ppb
62030	MCPHEE	SOIL	COLLUVIUM		9550	9600	0.8	21.6	7.5	54.2	359ppb	16	9	2.3	0.3	20ppb	43ppb
62031	MCPHEE	SOIL	COLLUVIUM		9500	9600	1.3	18.0	8.5	33.0	370ppb	10	5	2.3	0.5	2ppb	64ppb
62032	MCPHEE	SOIL	COLLUVIUM		9450	9600	6.7	90.8	9.2	43.3	1036ppb	19	10	2.7	0.3	2ppb	66ppb
62033	MCPHEE	SOIL	COLLUVIUM		9400	9600	0.8	20.3	6.3	46.3	160ppb	16	9	2.9	0.4	2ppb	29ppb
62034	MCPHEE	SOIL	COLLUVIUM		9350	9600	0.7	17.4	8.9	55.0	182ppb	15	8	2.7	0.6	4ppb	43ppb
62035	MCPHEE	SOIL	COLLUVIUM		9300	9600	1.0	19.7	9.8	69.4	247ppb	21	11	2.6	0.3	4ppb	44ppb
62036	MCPHEE	SOIL	COLLUVIUM		9250	9600	1.6	23.1	7.9	34.1	206ppb	17	10	1.5	0.4	2ppb	37ppb
62037	MCPHEE	SOIL	COLLUVIUM		9200	9600	1.0	21.4	9.2	47.3	145ppb	16	8	0.6	-1	18ppb	52ppb
62038	MCPHEE	SOIL	COLLUVIUM		9150	9600	1.4	19.1	13.3	63.9	388ppb	17	7	1.9	0.8	8ppb	50ppb
62039	MCPHEE	SOIL	COLLUVIUM		9100	9600	0.8	12.0	11.0	65.8	307ppb	12	7	1.7	0.7	13ppb	41ppb
62040	MCPHEE	SOIL	COLLUVIUM		9050	9600	1.4	40.5	11.3	97.4	520ppb	35	12	1.9	0.3	3ppb	68ppb
62041	MCPHEE	SOIL	COLLUVIUM		9000	9600	2.0	25.4	12.7	89.8	331ppb	22	9	2.7	0.4	7ppb	45ppb
62042	MCPHEE	SOIL	COLLUVIUM		9000	9400	1.8	20.6	14.5	99.8	668ppb	23	8	3.4	0.7	2ppb	55ppb
62043	MCPHEE	SOIL	COLLUVIUM		9050	9400	1.8	30.6	12.5	92.3	615ppb	25	12	4.1	0.6	4ppb	56ppb
62044	MCPHEE	SOIL	COLLUVIUM		9100	9400	2.5	101.2	11.1	86.2	609ppb	42	44	2.0	0.2	7ppb	36ppb
62045	MCPHEE	SOIL	COLLUVIUM		9150	9400	1.0	18.2	8.6	97.3	253ppb	17	9	3.2	0.5	7ppb	59ppb

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
62046	MCPHEE	SOIL	COLLUVIUM		9200	9400	2.4	56.6	10.6	168.5	456ppb	25	23	3.1	0.2	2ppb	42ppb
62047	MCPHEE	SOIL	COLLUVIUM		9250	9400	1.2	18.7	6.1	101.8	100ppb	18	7	2.3	0.2	5ppb	30ppb
62048	MCPHEE	SOIL	COLLUVIUM		9300	9400	2.6	46.4	8.9	180.9	368ppb	18	11	1.8	0.3	6ppb	47ppb
62049	MCPHEE	SOIL	COLLUVIUM		9350	9400	0.8	12.7	6.2	60.7	81ppb	15	7	1.2	0.4	22ppb	32ppb
62050	MCPHEE	SOIL	COLLUVIUM		9400	9400	0.6	12.0	6.1	74.9	155ppb	13	8	1.6	0.3	4ppb	30ppb
62051	MCPHEE	SOIL	COLLUVIUM		9450	9400	1.7	49.0	9.2	52.4	362ppb	25	13	2.3	0.3	4ppb	51ppb
62052	MCPHEE	SOIL	COLLUVIUM		9500	9400	0.8	21.0	15.2	52.3	196ppb	19	10	2.8	0.4	30ppb	39ppb
62053	MCPHEE	SOIL	COLLUVIUM		9550	9400	0.7	22.1	7.2	48.1	237ppb	22	10	2.0	0.5	7ppb	42ppb
62054	MCPHEE	SOIL	COLLUVIUM		9600	9400	0.8	28.4	13.4	47.9	141ppb	21	10	1.9	0.4	11ppb	24ppb
62055	MCPHEE	SOIL	COLLUVIUM		9650	9400	2.6	26.4	8.3	37.1	406ppb	19	7	2.3	0.2	12ppb	35ppb
62056	MCPHEE	SOIL	COLLUVIUM		9700	9400	4.2	43.6	9.0	72.4	362ppb	30	11	1.9	0.2	4ppb	47ppb
62057	MCPHEE	SOIL	COLLUVIUM		9750	9400	4.0	75.2	8.3	103.7	691ppb	48	17	2.9	0.2	10ppb	35ppb
62058	MCPHEE	SOIL	COLLUVIUM		9800	9400	0.8	17.4	6.2	66.4	288ppb	21	9	1.8	0.2	26ppb	36ppb
62059	MCPHEE	SOIL	COLLUVIUM		9850	9400	3.7	20.9	13.6	64.1	269ppb	14	7	2.6	0.4	2ppb	39ppb
62060	MCPHEE	SOIL	COLLUVIUM		9900	9400	1.8	25.2	12.5	88.2	619ppb	18	9	3.6	0.4	2ppb	97ppb
62061	MCPHEE	SOIL	COLLUVIUM		9950	9400	2.1	22.6	15.7	86.0	216ppb	15	9	6.3	1.1	2ppb	108ppb
62062	MCPHEE	SOIL	COLLUVIUM		9950	8600	2.0	59.5	12.2	77.4	194ppb	36	15	5.4	0.7	10ppb	28ppb
62063	MCPHEE	SOIL	COLLUVIUM		9900	8600	1.5	18.1	15.1	64.1	264ppb	18	8	6.3	0.9	95ppb	63ppb
62064	MCPHEE	SOIL	COLLUVIUM		9850	8600	1.3	18.4	9.3	57.5	374ppb	17	10	4.9	0.3	37ppb	63ppb
62065	MCPHEE	SOIL	COLLUVIUM		9800	8600	1.5	30.4	10.2	63.0	569ppb	20	15	3.8	0.5	4ppb	66ppb
62066	MCPHEE	SOIL	COLLUVIUM		9750	8600	1.1	18.2	9.3	68.1	230ppb	15	14	3.7	0.8	2ppb	56ppb
62067	MCPHEE	SOIL	COLLUVIUM		9700	8600	0.8	28.4	8.8	66.0	284ppb	21	10	3.4	0.3	4ppb	64ppb
62068	MCPHEE	SOIL	COLLUVIUM		9650	8600	1.1	35.0	12.9	68.3	331ppb	23	12	4.5	1.1	8ppb	93ppb
62069	MCPHEE	SOIL	COLLUVIUM		9600	8600	0.8	43.6	12.1	107.0	512ppb	26	14	1.6	0.4	7ppb	66ppb
62070	MCPHEE	SOIL	COLLUVIUM		9550	8600	1.2	29.8	15.1	133.1	343ppb	24	13	3.8	1.4	245ppb	63ppb
62071	MCPHEE	SOIL	COLLUVIUM		9500	8600	1.2	25.7	14.8	102.9	129ppb	22	11	1.7	0.8	12ppb	43ppb
62072	MCPHEE	SOIL	COLLUVIUM		9450	8600	1.0	19.4	14.7	127.7	316ppb	13	8	1.4	0.7	3ppb	60ppb
62073	MCPHEE	SOIL	COLLUVIUM		9400	8600	1.4	15.7	18.8	98.6	211ppb	11	9	3.5	1.7	3ppb	94ppb
62074	MCPHEE	SOIL	COLLUVIUM		9350	8600	0.9	21.6	13.8	89.0	326ppb	13	8	1.9	0.5	4ppb	51ppb
62075	MCPHEE	SOIL	COLLUVIUM		9300	8600	1.0	34.3	12.0	87.4	281ppb	20	8	2.7	0.8	5ppb	70ppb
62076	MCPHEE	SOIL	COLLUVIUM		9250	8600	1.0	21.5	13.1	74.1	546ppb	20	10	2.3	0.7	8ppb	68ppb
62077	MCPHEE	SOIL	COLLUVIUM		9200	8600	0.9	20.8	11.7	105.7	292ppb	23	13	2.1	0.3	5ppb	33ppb
62078	MCPHEE	SOIL	COLLUVIUM		9150	8600	0.8	34.0	31.1	119.0	570ppb	26	11	1.9	1.0	5ppb	52ppb
62079	MCPHEE	SOIL	COLLUVIUM		9100	8600	1.4	30.2	11.0	350.5	584ppb	26	12	1.5	0.4	7ppb	66ppb
62080	MCPHEE	SOIL	COLLUVIUM		9050	8600	1.5	34.4	9.4	87.9	571ppb	20	11	1.2	-1	6ppb	54ppb
62081	MCPHEE	SOIL	COLLUVIUM		9000	8600	1.7	28.9	13.8	112.2	346ppb	19	12	3.1	0.3	4ppb	38ppb
62100	MCPHEE	SOIL	COLLUVIUM		9950	9200	1.1	20.4	15.2	86.4	384ppb	36	15	1.4	0.4	49ppb	76ppb
62101	MCPHEE	SOIL	COLLUVIUM		9900	9200	1.1	25.6	9.3	73.4	248ppb	25	12	2.3	0.6	9ppb	70ppb
62102	MCPHEE	SOIL	COLLUVIUM		9850	9200	1.1	24.2	10.8	79.7	186ppb	20	9	2.6	0.6	4ppb	84ppb
62103	MCPHEE	SOIL	COLLUVIUM		9800	9200	0.7	17.9	6.9	55.2	151ppb	19	10	1.1	-1	10ppb	41ppb
62104	MCPHEE	SOIL	COLLUVIUM		9750	9200	1.0	29.8	8.1	69.4	254ppb	36	12	0.7	0.2	5ppb	47ppb
62105	MCPHEE	SOIL	COLLUVIUM		9700	9200	0.9	18.9	8.9	53.1	251ppb	19	7	1.9	0.4	18ppb	81ppb
62106	MCPHEE	SOIL	COLLUVIUM		9650	9200	0.9	18.5	7.4	58.1	181ppb	18	8	1.2	-1	9ppb	46ppb
62107	MCPHEE	SOIL	COLLUVIUM		9600	9200	1.1	23.5	9.7	74.5	217ppb	17	7	1.7	0.4	4ppb	75ppb
62108	MCPHEE	SOIL	COLLUVIUM		9550	9200	2.4	28.4	6.6	38.3	152ppb	22	7	2.2	-1	6ppb	18ppb
62109	MCPHEE	SOIL	COLLUVIUM		9500	9200	1.1	15.0	22.8	58.1	208ppb	13	7	2.0	0.8	8ppb	50ppb
62110	MCPHEE	SOIL	COLLUVIUM		9450	9200	1.8	14.2	10.1	38.1	408ppb	9	4	1.5	0.3	8ppb	97ppb
62111	MCPHEE	SOIL	COLLUVIUM		9400	9200	0.9	21.4	9.4	45.0	79ppb	21	9	2.3	-1	12ppb	26ppb
62112	MCPHEE	SOIL	COLLUVIUM		9350	9200	1.6	70.4	10.5	96.7	635ppb	23	9	3.4	-1	10ppb	74ppb

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
62113	MCPHEE	SOIL	COLLUVIUM		9300	9200	1.8	39.3	12.3	96.8	691ppb	56	14	2.8	0.4	6ppb	33ppb
62114	MCPHEE	SOIL	COLLUVIUM		9250	9200	0.7	18.7	9.5	81.7	313ppb	21	10	1.7	0.2	3ppb	26ppb
62115	MCPHEE	SOIL	COLLUVIUM		9200	9200	1.4	22.0	10.5	77.3	472ppb	24	10	2.4	0.3	5ppb	56ppb
62116	MCPHEE	SOIL	COLLUVIUM		9150	9200	1.4	32.1	11.3	54.2	384ppb	28	9	2.8	0.3	16ppb	28ppb
62117	MCPHEE	SOIL	COLLUVIUM		9100	9200	0.9	21.2	13.8	68.8	389ppb	23	8	4.1	0.3	6ppb	43ppb
62118	MCPHEE	SOIL	COLLUVIUM		9050	9200	1.6	19.2	13.3	81.2	285ppb	23	11	1.6	0.3	4ppb	23ppb
62119	MCPHEE	SOIL	COLLUVIUM		9000	9200	1.1	17.4	20.2	72.2	256ppb	14	8	4.8	1.3	3ppb	20ppb
62120	MCPHEE	SOIL	COLLUVIUM		9950	8200	1.1	24.2	11.7	73.0	285ppb	17	8	3.2	0.5	2ppb	118ppb
62121	MCPHEE	SOIL	COLLUVIUM		9900	8200	1.0	23.8	10.2	58.1	216ppb	18	8	2.2	1.0	4ppb	41ppb
62122	MCPHEE	SOIL	COLLUVIUM		9850	8200	1.2	42.0	11.2	98.5	198ppb	40	13	5.4	0.6	3ppb	54ppb
62123	MCPHEE	SOIL	COLLUVIUM		9800	8200	1.7	38.0	13.0	78.9	422ppb	22	14	3.2	0.5	8ppb	75ppb
62124	MCPHEE	SOIL	COLLUVIUM		9750	8200	1.4	24.0	10.9	62.8	182ppb	15	6	2.7	0.9	6ppb	47ppb
62125	MCPHEE	SOIL	COLLUVIUM		9700	8200	1.3	28.9	11.9	78.7	269ppb	20	8	4.0	1.1	4ppb	60ppb
62126	MCPHEE	SOIL	COLLUVIUM		9650	8200	0.9	18.7	10.1	84.7	211ppb	15	8	3.0	0.4	3ppb	73ppb
62127	MCPHEE	SOIL	COLLUVIUM		9600	8200	1.1	27.7	11.2	95.8	605ppb	23	10	4.5	0.6	2ppb	-1
62128	MCPHEE	SOIL	COLLUVIUM		9550	8200	1.3	29.1	12.7	89.0	221ppb	22	9	4.2	0.4	3ppb	26ppb
62129	MCPHEE	SOIL	COLLUVIUM		9500	8200	1.7	19.5	16.3	93.3	206ppb	14	10	9.2	1.3	4ppb	66ppb
62130	MCPHEE	SOIL	COLLUVIUM		9450	8200	1.2	21.5	11.3	70.6	392ppb	14	9	5.9	0.8	4ppb	84ppb
62131	MCPHEE	SOIL	COLLUVIUM		9400	8200	1.6	20.8	10.0	53.4	282ppb	16	9	4.2	0.7	3ppb	70ppb
62132	MCPHEE	SOIL	COLLUVIUM		9350	8200	1.0	22.3	9.3	72.6	747ppb	15	8	3.4	0.3	4ppb	88ppb
62133	MCPHEE	SOIL	COLLUVIUM		9300	8200	1.1	11.9	8.2	60.9	349ppb	13	8	2.8	-1	27ppb	65ppb
62134	MCPHEE	SOIL	COLLUVIUM		9250	8200	1.1	27.3	9.7	95.4	148ppb	24	10	3.7	0.5	9ppb	39ppb
62135	MCPHEE	SOIL	COLLUVIUM		9200	8200	1.3	49.1	11.4	68.3	470ppb	17	8	4.0	0.3	5ppb	52ppb
62136	MCPHEE	SOIL	COLLUVIUM		9100	8200	1.1	21.6	8.9	115.3	258ppb	18	12	1.9	0.4	4ppb	50ppb
62137	MCPHEE	SOIL	COLLUVIUM		9050	8200	2.7	37.0	6.6	54.0	156ppb	27	12	4.5	0.2	16ppb	25ppb
62138	MCPHEE	SOIL	COLLUVIUM		9000	8200	2.1	30.4	11.8	51.6	222ppb	13	6	2.2	0.3	5ppb	45ppb
62139	MCPHEE	SOIL	COLLUVIUM		9950	8000	1.4	29.3	10.1	102.7	277ppb	21	11	2.4	0.7	226ppb	89ppb
62140	MCPHEE	SOIL	COLLUVIUM		9900	8000	1.4	24.3	11.8	76.6	438ppb	17	9	4.2	0.6	8ppb	65ppb
62141	MCPHEE	SOIL	COLLUVIUM		9850	8000	0.9	20.0	10.0	70.3	284ppb	14	7	3.2	0.2	4ppb	47ppb
62142	MCPHEE	SOIL	COLLUVIUM		9800	8000	0.8	19.6	8.0	67.5	194ppb	16	8	2.9	1.0	18ppb	51ppb
62143	MCPHEE	SOIL	COLLUVIUM		9750	8000	1.0	17.3	26.9	80.7	256ppb	15	7	2.4	0.8	51ppb	61ppb
62144	MCPHEE	SOIL	COLLUVIUM		9700	8000	1.4	36.9	10.3	54.2	233ppb	16	7	2.9	0.2	6ppb	80ppb
62145	MCPHEE	SOIL	COLLUVIUM		9650	8000	1.2	23.3	13.5	85.2	256ppb	17	11	4.3	1.2	9ppb	70ppb
62146	MCPHEE	SOIL	COLLUVIUM		9600	8000	1.4	33.8	9.9	93.2	419ppb	20	11	3.2	0.5	5ppb	83ppb
62147	MCPHEE	SOIL	COLLUVIUM		9550	8000	1.3	75.5	12.8	79.1	690ppb	41	24	4.1	0.8	4ppb	64ppb
62148	MCPHEE	SOIL	COLLUVIUM		9500	8000	1.1	39.1	9.0	77.0	426ppb	25	9	2.9	0.3	11ppb	41ppb
62149	MCPHEE	SOIL	COLLUVIUM		9450	8000	1.1	29.4	9.7	68.4	449ppb	20	9	4.8	0.2	12ppb	45ppb
62150	MCPHEE	SOIL	COLLUVIUM		9400	8000	1.1	27.3	14.1	84.2	258ppb	22	10	5.0	1.4	4ppb	46ppb
62151	MCPHEE	SOIL	COLLUVIUM		9350	8000	0.9	34.9	11.2	107.0	337ppb	26	10	3.2	0.4	6ppb	36ppb
62152	MCPHEE	SOIL	COLLUVIUM		9300	8000	1.7	18.8	11.7	60.8	378ppb	12	7	3.9	0.4	7ppb	33ppb
62153	MCPHEE	SOIL	COLLUVIUM		9250	8000	1.5	25.7	10.2	72.1	318ppb	19	11	3.5	0.3	6ppb	25ppb
62154	MCPHEE	SOIL	COLLUVIUM		9200	8000	1.6	28.6	13.2	142.4	351ppb	18	11	5.5	0.4	5ppb	37ppb
62155	MCPHEE	SOIL	COLLUVIUM		9150	8000	1.1	26.7	16.4	83.5	255ppb	18	10	6.9	0.9	4ppb	59ppb
62156	MCPHEE	SOIL	COLLUVIUM		9100	8000	2.1	28.8	12.0	76.4	482ppb	16	9	5.1	0.3	5ppb	47ppb
62157	MCPHEE	SOIL	COLLUVIUM		9050	8000	1.2	21.5	10.4	70.1	215ppb	12	7	6.5	0.8	4ppb	46ppb
62158	MCPHEE	SOIL	COLLUVIUM		9000	8000	0.9	17.4	9.0	71.5	413ppb	14	9	6.0	0.4	7ppb	41ppb
62159	MCPHEE	SOIL	COLLUVIUM		9950	7600	1.2	18.7	9.3	68.9	467ppb	13	8	6.6	0.7	1ppb	177ppb
62160	MCPHEE	SOIL	COLLUVIUM		9900	7600	1.6	26.2	9.0	71.8	357ppb	23	10	6.7	0.5	3ppb	80ppb
62161	MCPHEE	SOIL	COLLUVIUM		9850	7600	1.3	25.7	9.2	70.3	271ppb	24	9	6.3	0.8	7ppb	72ppb

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
62162	MCPHEE	SOIL	COLLUVIUM		9800	7600	1.9	28.2	10.7	100.6	1195pp	48	22	6.6	0.6	4ppb	122ppb
62163	MCPHEE	SOIL	COLLUVIUM		9750	7800	0.9	23.5	9.9	113.1	482ppb	20	9	5.0	0.5	2ppb	68ppb
62164	MCPHEE	SOIL	COLLUVIUM		9700	7800	1.6	16.6	14.7	102.7	434ppb	17	11	8.6	1.0	3ppb	90ppb
62165	MCPHEE	SOIL	COLLUVIUM		9850	7600	1.2	17.0	9.3	169.3	294ppb	16	10	6.9	0.5	2ppb	35ppb
62166	MCPHEE	SOIL	COLLUVIUM		9800	7600	1.0	14.2	10.6	115.3	258ppb	14	9	6.8	0.8	84ppb	57ppb
62167	MCPHEE	SOIL	COLLUVIUM		9550	7800	1.9	22.7	13.5	85.7	308ppb	19	12	6.4	0.7	9ppb	56ppb
62168	MCPHEE	SOIL	COLLUVIUM		9500	7800	1.3	13.6	10.4	86.6	247ppb	16	10	4.2	0.6	4ppb	43ppb
62169	MCPHEE	SOIL	COLLUVIUM		9450	7800	2.2	28.1	10.5	87.3	77ppb	24	12	5.6	0.6	2ppb	28ppb
62170	MCPHEE	SOIL	COLLUVIUM		9400	7600	1.5	12.3	15.7	73.8	291ppb	10	6	3.7	0.9	1ppb	58ppb
62171	MCPHEE	SOIL	COLLUVIUM		9350	7600	1.6	15.3	10.9	92.8	221ppb	18	10	3.5	0.6	4ppb	41ppb
62172	MCPHEE	SOIL	COLLUVIUM		9300	7600	1.6	21.4	12.9	112.0	202ppb	22	11	4.0	0.4	3ppb	53ppb
62173	MCPHEE	SOIL	COLLUVIUM		9250	7600	1.7	20.8	13.0	147.0	225ppb	36	14	3.7	0.7	3ppb	39ppb
62174	MCPHEE	SOIL	COLLUVIUM		9200	7600	1.8	26.0	14.0	116.7	776ppb	19	15	4.3	0.4	2ppb	89ppb
62175	MCPHEE	SOIL	COLLUVIUM		9150	7600	5.3	27.2	14.9	140.7	132ppb	13	15	5.9	0.6	3ppb	27ppb
62176	MCPHEE	SOIL	COLLUVIUM		9100	7600	1.4	19.9	11.3	117.4	152ppb	28	12	3.8	0.7	2ppb	38ppb
62177	MCPHEE	SOIL	COLLUVIUM		9050	7600	1.0	15.8	9.3	63.7	156ppb	22	10	4.3	0.7	5ppb	35ppb
62178	MCPHEE	SOIL	COLLUVIUM		9000	7600	1.2	15.9	12.1	85.2	252ppb	20	9	3.8	0.8	3ppb	27ppb
70000	MCPHEE	SOIL	TILL		10000	9600	4.2	30.1	17.5	21.9	445ppb	13	4	2.2	0.2	10ppb	65ppb
70001	MCPHEE	SOIL	TILL		10050	9600	5.7	20.5	17.3	88.9	258ppb	14	9	2.7	0.9	6ppb	79ppb
70002	MCPHEE	SOIL	TILL		10100	9600	1.5	12.5	21.0	45.1	214ppb	9	7	4.3	1.2	2ppb	114ppb
70003	MCPHEE	SOIL	TILL		10150	9600	12.5	27.1	22.2	52.2	582ppb	12	6	1.8	0.5	2ppb	81ppb
70004	MCPHEE	SOIL	TILL		10200	9600	2.9	13.5	21.2	52.6	271ppb	13	6	3.6	0.9	2ppb	115ppb
70005	MCPHEE	SOIL	TILL		10250	9600	1.6	11.1	11.4	46.1	213ppb	10	6	3.9	0.2	1ppb	114ppb
70006	MCPHEE	SOIL	TILL		10300	9600	1.3	14.7	30.2	54.3	202ppb	13	7	5.2	0.8	4ppb	90ppb
70007	MCPHEE	SOIL	TILL		10350	9600	2.3	12.2	14.7	48.2	152ppb	12	5	2.9	-1	3ppb	56ppb
70008	MCPHEE	SOIL	TILL		10400	9600	2.9	17.1	12.7	37.1	124ppb	11	5	5.5	0.7	5ppb	135ppb
70009	MCPHEE	SOIL	TILL		10450	9600	1.7	13.7	21.1	61.6	198ppb	12	6	3.9	0.8	1ppb	120ppb
70010	MCPHEE	SOIL	TILL		10500	9600	1.9	10.4	20.9	38.8	163ppb	6	3	6.2	1.0	5ppb	102ppb
70011	MCPHEE	SOIL	TILL		10550	9600	2.2	18.5	23.2	47.0	313ppb	8	6	7.1	1.2	3ppb	85ppb
70012	MCPHEE	SOIL	TILL		10600	9600	1.5	11.9	21.9	28.5	265ppb	5	3	7.2	1.6	-1	143ppb
70013	MCPHEE	SOIL	TILL		10650	9600	3.9	28.1	23.8	62.1	311ppb	10	7	2.5	0.7	3ppb	72ppb
70014	MCPHEE	SOIL	TILL		10700	9600	2.4	23.1	22.9	150.9	162ppb	19	11	3.4	0.6	2ppb	70ppb
70015	MCPHEE	SOIL	TILL		10750	9600	4.5	29.9	36.0	102.6	235ppb	20	12	4.9	1.1	2ppb	77ppb
70016	MCPHEE	SOIL	TILL		10800	9600	2.0	14.3	52.0	87.2	244ppb	11	8	5.6	1.3	-1	67ppb
70017	MCPHEE	SOIL	TILL		10850	9600	2.6	16.9	54.3	75.2	307ppb	10	8	4.2	1.0	3ppb	69ppb
70018	MCPHEE	SOIL	TILL		10900	9600	1.2	13.6	26.0	65.7	264ppb	11	7	4.3	0.7	-1	81ppb
70019	MCPHEE	SOIL	TILL		10950	9600	1.8	16.2	28.3	69.1	153ppb	13	8	3.5	0.6	3ppb	71ppb
70020	MCPHEE	SOIL	TILL		11000	9600	2.0	15.5	36.7	93.3	153ppb	14	9	3.6	0.9	4ppb	63ppb
70021	MCPHEE	SOIL	TILL		11050	9600	1.7	15.7	18.8	61.2	207ppb	13	8	2.8	0.3	8ppb	48ppb
70022	MCPHEE	SOIL	ORGANIC		11100	9600	3.3	18.2	33.6	77.8	185ppb	10	6	6.9	1.2	-1	46ppb
70023	MCPHEE	SOIL	ORGANIC		11150	9600	4.0	23.6	39.2	79.2	873ppb	17	9	4.2	1.0	3ppb	86ppb
70024	MCPHEE	SOIL	ORGANIC		11200	9600	3.3	24.8	65.4	94.4	330ppb	15	10	3.5	1.6	3ppb	56ppb
70025	MCPHEE	SOIL	TILL		11250	9600	0.9	11.0	65.6	71.5	170ppb	11	7	4.7	1.9	3ppb	94ppb
70026	MCPHEE	SOIL	TILL		11300	9600	0.3	22.1	8.1	30.5	-1	17	8	3.8	-1	6ppb	32ppb
70027	MCPHEE	SOIL	TILL		11350	9600	1.7	15.9	48.9	94.8	196ppb	17	12	4.7	1.2	5ppb	83ppb
70028	MCPHEE	SOIL	TILL		11400	9600	1.8	18.4	35.5	108.0	191ppb	18	13	4.8	0.8	13ppb	65ppb
70029	MCPHEE	SOIL	TILL		11450	9600	1.0	14.3	59.3	101.3	137ppb	18	10	2.3	1.5	14ppb	82ppb
70030	MCPHEE	SOIL	TILL		11500	9600	1.6	21.5	27.1	87.7	310ppb	22	16	5.7	0.5	72ppb	57ppb
70031	MCPHEE	SOIL	TILL		10000	9600	2.1	25.6	10.5	68.0	418ppb	19	10	5.0	0.6	1ppb	115ppb

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Fb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
70032	MCPHEE	SOIL	TILL		10050	9800	1.5	18.8	11.8	63.0	337ppb	14	9	6.1	1.8	13ppb	95ppb
70033	MCPHEE	SOIL	TILL		10100	9800	1.0	22.8	17.7	75.1	327ppb	19	10	5.3	0.7	3ppb	81ppb
70034	MCPHEE	SOIL	TILL		10150	9800	1.3	15.0	16.2	69.3	188ppb	18	9	4.8	0.4	-1	61ppb
70035	MCPHEE	SOIL	TILL		10200	9800	1.4	18.8	35.1	71.5	312ppb	19	9	4.6	0.5	2ppb	81ppb
70036	MCPHEE	SOIL	TILL		10250	9800	1.0	10.6	19.9	54.8	170ppb	12	8	8.4	0.6	2ppb	59ppb
70037	MCPHEE	SOIL	TILL		10300	9800	2.2	25.5	14.2	65.3	246ppb	14	8	2.7	0.2	4ppb	78ppb
70038	MCPHEE	SOIL	TILL		10350	9800	6.0	37.1	17.8	37.9	383ppb	22	8	2.5	1.0	-1	52ppb
70041	MCPHEE	SOIL	TILL		10500	9800	2.9	50.7	33.7	88.9	221ppb	14	10	6.7	1.5	-1	48ppb
70042	MCPHEE	SOIL	TILL		10550	9800	2.8	40.8	94.3	94.1	151ppb	16	9	13.5	3.1	3ppb	45ppb
70043	MCPHEE	SOIL	TILL		10600	9800	2.6	33.7	30.5	72.7	306ppb	16	7	5.8	2.3	1ppb	80ppb
70044	MCPHEE	SOIL	TILL		10650	9800	1.3	38.0	31.7	82.0	250ppb	12	8	5.2	1.7	-1	120ppb
70045	MCPHEE	SOIL	TILL		10700	9800	1.6	33.3	43.4	79.4	301ppb	12	7	10.4	2.6	5ppb	72ppb
70046	MCPHEE	SOIL	TILL		10750	9800	1.3	33.1	32.3	87.9	218ppb	34	14	4.1	0.8	-1	70ppb
70047	MCPHEE	SOIL	ORGANIC		10800	9800	2.1	28.0	30.1	80.0	207ppb	20	11	9.4	1.4	-1	74ppb
70048	MCPHEE	SOIL	ORGANIC		10850	9800	2.7	20.8	26.5	59.0	322ppb	12	10	3.8	0.9	-1	65ppb
70049	MCPHEE	SOIL	TILL		10900	9800	1.9	12.6	20.5	98.1	142ppb	10	7	4.8	1.2	-1	73ppb
70050	MCPHEE	SOIL	ORGANIC		10950	9800	1.5	17.1	102.8	66.4	171ppb	6	3	6.7	3.9	-1	127ppb
70051	MCPHEE	SOIL	ORGANIC		11000	9800	3.8	70.1	25.3	68.4	735ppb	17	10	2.8	0.7	1ppb	83ppb
70052	MCPHEE	SOIL	ORGANIC		11050	9800	2.6	37.1	43.1	127.5	382ppb	21	10	3.1	1.1	1ppb	106ppb
70053	MCPHEE	SOIL	TILL		11100	9800	4.0	33.5	51.1	99.9	524ppb	17	11	6.1	1.3	-1	81ppb
70054	MCPHEE	SOIL	ORGANIC		11150	9800	4.6	27.0	135.9	131.5	384ppb	13	10	5.2	1.8	1ppb	86ppb
70055	MCPHEE	SOIL	ORGANIC		11200	9800	2.6	16.1	67.7	73.2	346ppb	17	7	2.7	1.6	7ppb	109ppb
70056	MCPHEE	SOIL	TILL		11250	9800	1.7	13.6	28.6	125.7	174ppb	15	9	3.9	1.6	1ppb	60ppb
70057	MCPHEE	SOIL	TILL		11300	9800	1.1	12.4	24.7	78.3	136ppb	17	9	5.3	1.4	2ppb	58ppb
70058	MCPHEE	SOIL	TILL		11350	9800	0.9	12.4	37.7	61.9	101ppb	16	9	6.2	1.9	29ppb	64ppb
70059	MCPHEE	SOIL	TILL		11400	9800	1.3	25.3	16.6	81.5	296ppb	12	8	5.5	0.9	-1	118ppb
70060	MCPHEE	SOIL	TILL		11450	9800	1.2	11.9	82.0	70.8	154ppb	12	9	3.6	1.8	1ppb	68ppb
70061	MCPHEE	SOIL	TILL		11500	9800	1.4	12.9	18.9	49.8	151ppb	14	8	3.2	0.9	-1	71ppb
70062	MCPHEE	SOIL	ORGANIC		10000	10000	2.3	20.5	36.0	40.2	421ppb	9	5	2.9	1.1	-1	83ppb
70063	MCPHEE	SOIL	TILL		9950	10000	2.4	16.3	39.5	57.2	413ppb	11	7	5.6	1.5	-1	106ppb
70064	MCPHEE	SOIL	TILL		9900	10000	1.0	16.7	33.9	74.1	228ppb	13	7	4.9	1.5	-1	48ppb
70065	MCPHEE	SOIL	TILL		9850	10000	0.9	22.8	12.2	88.8	157ppb	25	13	3.5	0.7	15ppb	63ppb
70066	MCPHEE	SOIL	TILL		9800	10000	1.4	22.3	31.0	59.8	249ppb	18	10	4.6	1.0	1ppb	68ppb
70067	MCPHEE	SOIL	TILL		9750	10000	1.0	50.9	61.4	235.5	332ppb	21	13	8.0	1.1	4ppb	55ppb
70068	MCPHEE	SOIL	TILL		9700	10000	1.0	23.1	10.6	95.2	102ppb	20	10	5.2	0.2	8ppb	37ppb
70069	MCPHEE	SOIL	TILL		9650	10000	1.1	21.2	9.0	118.7	142ppb	18	11	4.5	0.3	4ppb	64ppb
70070	MCPHEE	SOIL	TILL		9600	10000	1.2	14.0	82.9	60.9	515ppb	11	6	7.0	1.4	42ppb	46ppb
70071	MCPHEE	SOIL	TILL		9550	10000	1.4	17.2	16.8	73.8	449ppb	11	10	5.5	0.6	3ppb	110ppb
70072	MCPHEE	SOIL	TILL		9500	10000	1.2	31.4	10.0	48.8	141ppb	20	10	5.3	0.2	5ppb	37ppb
70073	MCPHEE	SOIL	TILL		9450	10000	1.1	20.4	16.2	71.2	252ppb	16	11	4.9	1.0	4ppb	43ppb
70074	MCPHEE	SOIL	TILL		9400	10000	1.3	21.8	15.7	52.8	271ppb	17	9	4.2	0.5	3ppb	63ppb
70075	MCPHEE	SOIL	TILL		9350	10000	1.5	20.9	22.6	64.0	380ppb	16	10	4.3	0.8	3ppb	59ppb
70076	MCPHEE	SOIL	TILL		9300	10000	1.4	14.4	36.2	58.1	310ppb	12	6	6.8	1.5	13ppb	50ppb
70077	MCPHEE	SOIL	TILL		9250	10000	1.1	17.6	13.2	56.6	231ppb	17	7	4.7	0.6	11ppb	52ppb
70078	MCPHEE	SOIL	TILL		9200	10000	1.0	22.1	30.9	67.8	167ppb	23	8	7.2	1.5	6ppb	49ppb
70079	MCPHEE	SOIL	TILL		9150	10000	1.3	30.9	25.3	76.0	81ppb	46	12	6.3	1.0	-1	50ppb
70080	MCPHEE	SOIL	TILL		9100	10000	1.2	37.6	17.0	66.7	120ppb	65	15	5.6	0.8	5ppb	42ppb
70081	MCPHEE	SOIL	TILL		9050	10000	1.0	22.0	31.5	100.1	181ppb	41	15	6.4	1.0	4ppb	56ppb
70082	MCPHEE	SOIL	TILL		9000	10000	1.1	30.7	14.0	81.8	309ppb	41	14	5.9	0.5	5ppb	42ppb

Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
70083	MCPHEE	SOIL	ORGANIC		10050	10000	0.7	7.8	92.7	38.9	232ppb	3	1	1.4	1.5	2ppb	119ppb
70084	MCPHEE	SOIL	ORGANIC		10100	10000	1.9	8.1	116.0	35.4	76ppb	1	1	1.7	4.1	4ppb	144ppb
70085	MCPHEE	SOIL	TILL		10150	10000	1.4	10.7	25.8	29.9	80ppb	7	4	14.8	1.3	1ppb	33ppb
70086	MCPHEE	SOIL	TILL		10200	10000	1.8	13.7	29.6	28.5	140ppb	10	5	3.5	1.1	2ppb	62ppb
70087	MCPHEE	SOIL	TILL		10250	10000	1.2	21.8	14.8	81.3	130ppb	11	7	5.7	1.2	8ppb	83ppb
70088	MCPHEE	SOIL	TILL		10300	10000	3.3	39.1	42.7	66.5	488ppb	16	12	4.9	0.8	5ppb	75ppb
70089	MCPHEE	SOIL	TILL		10350	10000	2.0	20.9	17.0	83.0	145ppb	16	9	4.4	0.6	1ppb	69ppb
70090	MCPHEE	SOIL	TILL		10400	10000	1.3	37.7	27.3	100.5	232ppb	21	10	5.0	1.3	4ppb	53ppb
70091	MCPHEE	SOIL	TILL		10450	10000	1.1	45.3	23.6	70.0	165ppb	12	6	5.8	1.3	3ppb	80ppb
70092	MCPHEE	SOIL	TILL		10500	10000	1.2	41.9	14.8	49.0	178ppb	12	6	4.9	1.0	2ppb	114ppb
70093	MCPHEE	SOIL	ORGANIC		10550	10000	0.9	33.8	53.1	96.0	603ppb	15	11	14.3	1.7	7ppb	29ppb
70094	MCPHEE	SOIL	TILL		10600	10000	1.7	32.5	28.1	105.2	322ppb	19	14	9.6	1.3	3ppb	43ppb
70095	MCPHEE	SOIL	TILL		10650	10000	2.4	21.9	58.6	84.2	186ppb	14	10	12.9	1.5	3ppb	67ppb
70096	MCPHEE	SOIL	TILL		10700	10000	2.0	28.0	39.3	63.2	235ppb	23	19	7.1	1.4	5ppb	43ppb
70097	MCPHEE	SOIL	TILL		10750	10000	1.5	35.7	25.1	79.4	193ppb	13	9	5.9	1.3	1ppb	51ppb
70098	MCPHEE	SOIL	TILL		10800	10000	1.2	110.1	18.4	113.4	208ppb	19	13	3.8	1.5	8ppb	67ppb
70099	MCPHEE	SOIL	ORGANIC		10850	10000	2.2	176.2	51.8	90.2	234ppb	17	51	7.9	1.4	1ppb	87ppb
70100	MCPHEE	SOIL	TILL		10900	10000	1.7	21.4	26.6	51.4	210ppb	10	6	6.6	1.4	1ppb	89ppb
70101	MCPHEE	SOIL	TILL		10950	10000	3.6	40.2	83.6	89.5	426ppb	19	14	5.8	0.9	9ppb	93ppb
70102	MCPHEE	SOIL	ORGANIC		11000	10000	4.9	38.9	28.2	182.3	287ppb	14	11	8.2	1.1	-1	64ppb
70103	MCPHEE	SOIL	TILL		11050	10000	4.2	74.1	29.7	89.0	414ppb	20	13	3.5	0.9	2ppb	88ppb
70104	MCPHEE	SOIL	TILL		11100	10000	4.3	58.6	21.2	78.8	314ppb	16	15	5.5	0.8	2ppb	126ppb
70105	MCPHEE	SOIL	TILL		11150	10000	1.1	14.8	29.1	50.3	103ppb	7	4	3.6	0.9	2ppb	68ppb
70106	MCPHEE	SOIL	TILL		11200	10000	1.0	17.1	25.4	86.0	147ppb	14	7	8.0	1.5	4ppb	116ppb
70107	MCPHEE	SOIL	TILL		11250	10000	1.1	15.0	45.6	70.0	273ppb	10	5	8.8	1.9	2ppb	83ppb
70108	MCPHEE	SOIL	TILL		11300	10000	0.7	5.4	50.9	28.5	96ppb	3	2	4.5	2.4	2ppb	27ppb
70109	MCPHEE	SOIL	TILL		11350	10000	1.0	12.1	30.0	44.6	159ppb	7	4	4.4	1.6	2ppb	70ppb
70110	MCPHEE	SOIL	TILL		11400	10000	1.5	19.5	22.5	73.7	100ppb	15	8	4.0	0.9	2ppb	64ppb
70111	MCPHEE	SOIL	TILL		11450	10000	2.1	19.8	42.9	62.8	168ppb	19	10	4.2	1.1	3ppb	91ppb
70112	MCPHEE	SOIL	TILL		11500	10000	2.6	15.3	52.8	89.5	225ppb	16	10	5.8	1.5	13ppb	84ppb
70113	MCPHEE	SOIL	TILL		10000	10200	0.7	15.8	13.4	54.2	157ppb	14	8	2.8	0.3	3ppb	35ppb
70114	MCPHEE	SOIL	TILL		10050	10200	2.1	24.8	29.9	46.0	511ppb	14	9	3.0	0.6	5ppb	57ppb
70115	MCPHEE	SOIL	TILL		10100	10200	1.5	24.6	22.1	46.7	175ppb	12	8	2.8	1.3	6ppb	50ppb
70116	MCPHEE	SOIL	TILL		10150	10200	0.8	46.5	29.5	50.2	123ppb	21	12	9.0	0.9	8ppb	35ppb
70117	MCPHEE	SOIL	TILL		10200	10200	0.9	25.9	46.2	80.8	172ppb	11	8	5.1	1.8	7ppb	39ppb
70118	MCPHEE	SOIL	TILL		10250	10200	2.6	158.3	68.3	93.5	548ppb	19	40	15.2	1.6	2ppb	55ppb
70119	MCPHEE	SOIL	TILL		10300	10200	1.5	89.2	57.6	103.7	585ppb	34	13	5.6	0.9	3ppb	74ppb
70120	MCPHEE	SOIL	TILL		10350	10200	1.2	33.1	27.6	70.1	235ppb	20	9	3.6	1.4	147ppb	51ppb
70121	MCPHEE	SOIL	TILL		10400	10200	1.1	30.7	58.3	120.7	231ppb	16	10	6.9	1.6	4ppb	49ppb
70122	MCPHEE	SOIL	TILL		10450	10200	2.0	55.1	35.3	124.2	587ppb	24	11	5.9	1.2	8ppb	71ppb
70123	MCPHEE	SOIL	TILL		10500	10200	1.6	59.1	24.7	65.1	169ppb	29	10	3.7	1.3	9ppb	64ppb
70124	MCPHEE	SOIL	TILL		10550	10200	1.4	29.2	19.7	78.1	112ppb	19	8	3.2	1.0	1ppb	56ppb
70125	MCPHEE	SOIL	TILL		10600	10200	2.1	36.9	29.7	89.1	104ppb	17	9	3.7	1.8	5ppb	40ppb
70126	MCPHEE	SOIL	TILL		10650	10200	1.0	28.0	36.8	93.2	160ppb	16	8	5.9	1.4	4ppb	50ppb
70127	MCPHEE	SOIL	TILL		10700	10200	1.5	32.6	97.4	135.6	151ppb	20	8	13.0	3.9	2ppb	79ppb
70128	MCPHEE	SOIL	TILL		9950	10200	2.1	25.0	15.7	63.2	402ppb	18	10	3.9	0.5	4ppb	47ppb
70129	MCPHEE	SOIL	TILL		9900	10200	1.2	19.9	14.2	70.8	206ppb	16	9	3.3	0.6	2ppb	63ppb
70130	MCPHEE	SOIL	TILL		9850	10200	1.6	24.2	14.1	89.0	318ppb	23	11	1.8	0.4	3ppb	39ppb
70131	MCPHEE	SOIL	TILL		9800	10200	1.3	13.6	15.4	86.3	379ppb	16	7	3.2	0.8	-1	53ppb



Sample	Property	Type	Material	Remarks	North	East	Mo	Cu	Pb	Zn	Ag	Ni	Co	As	Sb	Au	Hg
70132	MCPHEE	SOIL	TILL		9750	10200	1.0	13.3	18.1	85.1	393ppb	12	7	4.5	0.9	39ppb	106ppb
70133	MCPHEE	SOIL	TILL		9700	10200	0.3	10.4	32.6	113.8	84ppb	79	25	4.8	1.0	1ppb	47ppb
70134	MCPHEE	SOIL	TILL		9650	10200	0.7	32.2	28.7	78.7	312ppb	21	10	4.6	1.3	1ppb	67ppb
70135	MCPHEE	SOIL	TILL		9600	10200	1.2	16.3	35.9	70.2	172ppb	17	10	6.3	1.3	2ppb	42ppb
70136	MCPHEE	SOIL	TILL		9550	10200	1.4	17.8	16.8	67.2	180ppb	14	7	4.2	0.7	2ppb	56ppb
70137	MCPHEE	SOIL	TILL		9500	10200	1.1	19.5	13.0	55.5	347ppb	21	8	2.8	0.6	1ppb	66ppb
70138	MCPHEE	SOIL	TILL		9450	10200	1.4	17.2	18.6	43.6	75ppb	20	8	7.6	1.8	5ppb	80ppb
70139	MCPHEE	SOIL	TILL		9400	10200	1.3	50.8	12.7	61.6	132ppb	89	13	5.3	0.8	3ppb	57ppb
70140	MCPHEE	SOIL	TILL		9350	10200	0.4	15.2	25.6	44.4	124ppb	17	6	4.5	1.0	2ppb	47ppb
70141	MCPHEE	SOIL	TILL		9300	10200	1.8	46.2	12.6	65.7	130ppb	49	17	3.5	0.5	5ppb	27ppb
70142	MCPHEE	SOIL	TILL		9250	10200	1.0	30.2	17.0	73.8	363ppb	23	13	3.5	0.6	3ppb	68ppb
70143	MCPHEE	SOIL	TILL		9200	10200	1.2	30.4	17.5	58.8	134ppb	27	11	3.8	0.6	9ppb	51ppb
70144	MCPHEE	SOIL	TILL		9150	10200	0.6	19.9	16.4	68.9	184ppb	20	10	2.9	0.6	4ppb	44ppb
70145	MCPHEE	SOIL	TILL		9100	10200	1.8	36.5	30.0	59.3	523ppb	20	12	4.3	0.6	2ppb	64ppb
70146	MCPHEE	SOIL	TILL		9050	10200	0.9	16.7	10.8	41.8	207ppb	11	6	2.7	0.4	4ppb	63ppb
70147	MCPHEE	SOIL	TILL		9000	10200	2.5	33.6	41.5	63.5	444ppb	17	9	4.3	1.4	3ppb	86ppb
70150	MCPHEE	SOIL	SILT		10000	10400	1.4	15.5	84.3	77.3	249ppb	12	7	6.9	1.9	4ppb	69ppb
70151	MCPHEE	SOIL	SILT		10050	10400	1.1	27.4	20.6	51.7	164ppb	16	8	3.2	0.8	8ppb	67ppb
70152	MCPHEE	SOIL	SILT		10100	10400	2.3	97.3	43.9	93.2	570ppb	38	15	3.4	0.9	4ppb	73ppb
70153	MCPHEE	SOIL	SILT		10150	10400	1.2	24.2	231.0	83.1	161ppb	9	5	8.4	4.9	4ppb	88ppb
70154	MCPHEE	SOIL	SILT		10200	10400	2.2	83.8	62.1	81.1	422ppb	33	14	4.7	1.5	1ppb	69ppb
70155	MCPHEE	SOIL	SILT		10250	10400	3.3	173.1	47.9	82.4	789ppb	29	19	4.1	0.7	3ppb	83ppb
70156	MCPHEE	SOIL	SILT		10300	10400	1.7	36.2	37.8	63.1	151ppb	21	8	2.6	1.5	1ppb	46ppb
70157	MCPHEE	SOIL	SILT		10350	10400	1.0	22.5	104.1	46.8	185ppb	8	4	4.2	1.8	2ppb	34ppb
70158	MCPHEE	SOIL	SILT		10400	10400	1.6	57.4	44.3	100.3	192ppb	24	12	4.8	1.8	3ppb	57ppb
70159	MCPHEE	SOIL	SILT		10450	10400	1.9	58.5	24.5	84.2	229ppb	22	11	3.6	1.4	2ppb	70ppb
70160	MCPHEE	SOIL	SILT		10500	10400	2.2	144.2	162.2	144.8	695ppb	20	13	5.9	2.6	4ppb	96ppb
70161	MCPHEE	SOIL	SILT		10550	10400	1.8	53.8	98.6	139.6	381ppb	16	12	7.7	2.5	4ppb	69ppb
70162	MCPHEE	SOIL	SILT		10600	10400	3.5	80.6	404.5	236.9	355ppb	18	16	19.1	5.8	2ppb	111ppb
70163	MCPHEE	SOIL	SILT		10650	10400	1.4	95.9	287.7	147.7	302ppb	16	11	13.5	6.2	7ppb	219ppb
70164	MCPHEE	SOIL	SILT		10700	10400	1.6	65.2	100.1	94.5	276ppb	17	11	7.6	3.1	3ppb	63ppb
70165	MCPHEE	SOIL	SILT		10750	10400	1.8	67.1	65.9	75.2	261ppb	14	9	6.5	2.7	2ppb	73ppb
70166	MCPHEE	SOIL	SILT		10800	10400	1.6	73.8	84.8	68.7	364ppb	13	12	7.3	2.4	4ppb	76ppb
70167	MCPHEE	SOIL	SILT		10850	10400	1.8	39.0	30.5	70.8	305ppb	29	14	8.1	1.1	-1	85ppb
70168	MCPHEE	SOIL	SILT		10900	10400	1.3	19.4	34.4	52.7	144ppb	9	5	3.8	1.3	6ppb	59ppb
70169	MCPHEE	SOIL	SILT		10950	10400	1.6	17.3	89.5	69.3	96ppb	11	6	7.4	2.8	-1	84ppb
70170	MCPHEE	SOIL	SILT		11000	10400	1.4	24.5	62.4	67.8	237ppb	14	8	6.3	1.5	-1	27ppb
70171	MCPHEE	SOIL	SILT		11050	10400	1.9	23.3	53.6	67.4	261ppb	14	7	4.4	1.9	-1	61ppb
70172	MCPHEE	SOIL	SILT		11100	10400	1.8	28.1	74.8	75.6	271ppb	14	8	9.5	2.5	1ppb	82ppb
70173	MCPHEE	SOIL	SILT		11150	10400	2.8	17.3	85.3	78.4	113ppb	18	9	7.6	1.6	1ppb	73ppb
70174	MCPHEE	SOIL	SILT		11200	10400	4.5	15.5	22.8	44.8	156ppb	18	6	4.3	1.7	-1	56ppb

**APPENDIX III**  
**GEOCHEMICAL ANALYSES**

*Suite 1409-409 Granville Street, Vancouver, BC V6C 1T8*  
Telephone (604)669-2954 Fax (604) 681-3920



GEOCHEMICAL EXTRACTION ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 214 File # 97-2503 Page 1  
 1409 409 Granville St. Vancouver BC V6T 1T2

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	
61462	.9	5.0	3.1	2.5	39	3	1	55	.30	2.6	<5	<2	4<.01	.2	<.1	1	.01	.003	1	20	.01	27<.01	<3	.10	.01	.06	6	<.2	<10	<.3	<.2	<.5	4		
61463	2.0	8.5	5.6	9.4	117	3	1	142	.47	4.6	<5	<2	11 .01	.4	<.1	5	.03	.006	1	21	.01	32<.01	<3	.22	<.01	.09	6	<.2	<10	<.3	.3	1.2	2		
63470	1.1	15.8	2.1	<1	839	5	1	32	.76	10.4	5	<2	<1<.01	.2	<.1	1	<.01	.005	<1	23<.01	3<.01	<3	.01	<.01	.01	6	<.2	13	.7	<.2	<.5	10			
63471	2.7	38.2	3.3	1.4	1260	5	1	34	1.39	24.5	<5	<2	2<.01	.2	.2	1	<.01	.011	1	29<.01	8<.01	<3	.02	<.01	<.01	8	<.2	<10	1.9	<.2	<.5	9			
63472	3.0	15.5	13.1	2.0	101	6	2	274	1.29	1.8	9	7	32 .02	<.2	26.3	3	.47	.026	7	15	.04	41<.01	<3	.27	.02	.18	6	<.2	<10	.6	<.2	.8	1		
RE 63472	2.7	15.5	11.2	3.5	93	6	2	268	1.29	1.7	15	7	32 .01	.3	22.8	3	.46	.026	8	16	.04	48<.01	<3	.32	.02	.21	5	<.2	<10	.6	<.2	1.0	3		
63700	6.4	34.6	5.0	16.5	102	4	3	495	1.47	1.4	<5	10	35 .04	.4	1.0	21	.44	.058	15	13	.22	703 .01	<3	.55	.03	.17	11	<.2	<10	<.3	<.2	2.7	2		
63701	1200.4	49.6	7.9	<1	<330	4	1	56	2.60	7.3	<5	<2	5<.11	<2.2	<1.1	5	.01	.017	1	20	.01	40 .02	<3	.05	.01	.04	6	<2.2	<10	<3.3	<2.2	<5.5	2		

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 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-ALIQAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,FE>20%.  
 - SAMPLE TYPE: P1 ROCK P2 TO P17 SOIL AU\* - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.  
 Samples beginning 'RE' are Retruns and 'RRE' are Reject Retruns.

DATE RECEIVED: JUN 3 1997 DATE REPORT MAILED: *Jun 13/97* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

JUN 13 '97 12:20 P K HUME LHBS  
 004  
 003  
 1710  
 010  
 000  
 000  
 000



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	Tl ppm	F ppm	Al %	Ne %	K %	V ppm	Ti ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
61300	2.2	15.8	13.0	72.8	92	15	7	302	2.79	5.2	<5	6	14	.16	1.0	.3	61	.09	.193	9	23	.34	99	.15	<3	3.48	.01	.05	<2	.5	53	.3	<2	10.0	35
61301	1.7	13.6	30.2	72.9	209	12	7	787	2.51	4.6	<5	3	16	.43	.9	.3	54	.12	.121	8	20	.28	120	.14	<3	2.23	.01	.06	<2	.5	51	<3	.2	10.7	3
61302	7.8	18.2	17.0	74.5	391	12	9	428	2.55	5.4	<5	2	26	.46	.3	.2	56	.25	.061	12	20	.40	134	.17	<3	2.12	.02	.05	2	.9	44	<3	<2	10.6	1
61303	1.8	11.6	17.6	40.1	226	7	3	196	2.73	12.6	<5	3	6	.42	1.3	.2	59	.04	.108	6	14	.14	72	.13	<3	1.93	.01	.03	2	.2	53	<3	<2	11.9	7
61304	1.6	21.7	13.7	54.3	346	13	6	264	2.47	11.7	10	4	9	.11	.3	.2	49	.06	.113	9	18	.28	102	.16	<3	4.08	.01	.06	3	.6	59	.3	.2	9.8	23
61305	1.2	14.8	19.4	86.1	148	10	10	1357	2.74	9.8	<5	3	14	.51	.7	.2	52	.13	.236	7	16	.20	135	.18	<3	2.80	.01	.05	<2	.2	63	<3	<2	10.8	3
61306	1.6	15.0	19.3	52.7	339	9	4	207	2.66	6.0	<5	4	6	.53	1.3	.2	49	.05	.100	5	15	.13	88	.15	<3	3.70	.01	.03	<2	.3	46	<3	<2	10.8	34
61307	2.0	20.4	19.4	69.9	300	14	8	709	3.00	7.3	<5	5	16	.23	.7	.9	63	.11	.103	10	23	.40	127	.15	<3	2.86	.01	.07	2	.5	33	<3	<2	10.3	2
61308	1.7	18.3	15.4	61.8	120	14	5	231	3.03	30.2	<5	4	23	.18	1.1	.3	65	.18	.164	8	26	.47	119	.15	<3	1.88	.01	.06	3	.5	35	<3	<2	9.5	6
61309	2.5	25.8	25.6	64.3	303	13	9	339	3.14	14.7	6	3	18	.37	1.2	1.1	58	.11	.097	19	19	.38	126	.16	<3	2.45	.01	.08	2	.3	51	<3	<2	12.4	3
61310	4.3	18.7	18.3	77.3	105	14	7	827	2.65	6.5	<5	<2	15	.40	1.5	.9	58	.10	.146	11	22	.42	114	.10	<3	2.17	.01	.07	<2	.2	75	<3	<2	8.7	8
61311	1.6	17.8	23.6	75.5	240	15	8	1127	2.86	6.4	<5	2	26	.39	.8	1.5	57	.24	.095	11	22	.47	294	.15	<3	2.85	.01	.09	2	<2	30	<3	<2	10.0	4
61312	1.0	16.0	16.8	92.3	444	14	8	427	2.75	4.0	<5	3	24	.45	.8	.4	51	.23	.152	7	19	.34	287	.18	<3	4.02	.02	.06	<2	<2	50	<3	<2	10.2	3
61313	1.2	10.8	21.8	106.7	358	9	6	538	2.38	7.1	<5	4	16	.37	1.1	1.4	49	.13	.237	7	17	.24	155	.16	<3	1.80	.01	.06	<2	.2	46	<3	<2	10.2	1
61314	2.4	17.8	22.5	78.3	793	13	8	351	2.81	11.3	<5	3	36	.59	.9	.4	55	.33	.084	9	20	.36	156	.20	<3	3.82	.03	.06	<2	.5	51	<3	<2	11.7	4
61315	2.4	14.1	16.8	107.2	349	7	5	510	2.59	8.1	<5	3	13	1.09	1.6	.2	41	.11	.427	5	11	.14	147	.18	<3	3.78	.02	.05	<2	<2	80	<3	<2	13.2	2
RE 61315	2.4	13.6	15.5	106.4	333	8	6	509	2.59	6.9	8	3	12	1.04	1.6	.3	41	.11	.427	5	11	.14	145	.17	<3	3.76	.02	.04	<2	.4	83	.3	<2	12.1	22
61316	6.3	18.0	24.1	159.8	227	13	11	613	3.23	5.0	<5	3	68	.57	.4	.3	59	.34	.165	9	22	.41	223	.17	<3	1.74	.02	.07	<2	<2	27	<3	<2	10.3	<1
61317	26.7	26.5	38.9	137.7	402	18	16	1760	2.70	4.9	<5	<2	57	1.34	.7	.3	60	.42	.089	10	27	.40	195	.17	<3	2.02	.02	.06	<2	.3	43	<3	<2	10.8	1
61318	5.0	33.4	12.5	86.3	612	22	13	554	2.50	4.0	<5	2	13	.47	.9	.3	44	.09	.141	5	18	.20	180	.18	<3	4.23	.02	.03	<2	<2	51	<3	<2	9.6	<1
61319	7.9	19.4	12.3	75.9	425	13	10	362	3.31	6.8	<5	4	14	.33	.5	.3	63	.11	.178	6	25	.23	153	.20	<3	3.91	.02	.05	3	.4	105	.3	<2	11.6	<1
61320	2.9	15.7	10.2	84.0	233	15	9	364	2.64	3.3	<5	4	15	.29	.5	.2	54	.13	.119	7	23	.30	166	.16	<3	3.20	.02	.05	<2	<2	57	<3	<2	8.1	1
61321	2.0	18.3	13.1	73.6	227	13	6	306	2.14	3.2	<5	2	9	.22	.6	.2	40	.07	.155	5	14	.18	132	.17	<3	4.17	.02	.04	<2	<2	63	<3	<2	9.3	<1
61322	3.4	13.5	13.1	67.3	216	13	9	305	2.64	3.2	<5	2	12	.42	.7	.2	50	.10	.261	5	21	.20	123	.16	<3	3.03	.02	.05	<2	<2	33	<3	<2	10.6	1
61323	1.7	19.5	9.5	69.5	108	15	7	449	2.96	6.2	5	2	14	.23	.4	.2	59	.14	.357	8	28	.33	136	.13	<3	3.24	.01	.05	<2	<2	59	<3	<2	8.2	3
61324	2.3	34.1	18.1	84.6	157	20	9	1302	2.87	8.9	6	3	23	.49	1.0	.3	64	.23	.255	11	35	.51	144	.11	<3	2.31	.01	.07	<2	<2	41	<3	.3	7.1	1
61325	1.1	14.9	12.5	103.4	212	15	9	655	2.67	3.3	<5	3	12	.32	.5	.3	50	.11	.378	6	23	.27	171	.15	<3	3.55	.02	.04	<2	.2	42	<3	<2	9.0	4
61326	1.3	18.0	10.7	64.3	158	20	8	342	2.77	2.9	<5	2	14	.20	.3	.2	59	.14	.141	8	30	.42	138	.15	<3	3.19	.02	.06	2	<2	47	<3	<2	7.9	10
61327	1.6	25.2	13.0	73.4	489	16	8	414	2.48	4.8	<5	2	13	.18	.2	.2	46	.09	.309	9	20	.26	154	.18	<3	4.46	.02	.04	<2	<2	73	<3	<2	10.6	2
61328	1.2	18.1	12.6	91.0	223	16	10	640	2.77	8.6	<5	2	11	.43	1.6	.2	55	.11	.334	6	29	.28	102	.15	<3	2.98	.02	.05	<2	<2	62	<3	<2	8.9	<1
61329	3.7	34.3	11.4	56.6	207	27	13	310	3.26	8.3	<5	3	16	.24	.5	.2	75	.15	.066	8	43	.47	91	.12	<3	2.35	.01	.05	2	<2	53	<3	<2	6.6	1
61330	1.4	40.1	9.7	63.8	261	31	13	359	3.01	5.6	<5	3	14	.15	.3	.2	71	.13	.154	7	45	.52	105	.14	<3	3.24	.01	.05	<2	.2	57	<3	<2	7.5	3
61331	2.4	16.6	12.6	49.8	72	15	8	399	2.59	4.3	<5	2	16	.11	.8	.2	59	.14	.098	7	25	.38	141	.16	<3	3.01	.01	.06	3	<2	32	<3	<2	7.8	5
61332	1.7	15.4	12.4	68.7	186	11	5	409	2.44	3.2	5	4	10	.15	1.3	.2	48	.08	.159	6	17	.24	139	.16	<3	4.10	.01	.04	2	<2	59	<3	<2	9.8	12
61333	1.7	14.0	11.2	64.2	163	11	5	272	2.46	3.0	<5	3	9	.16	1.0	.3	49	.06	.134	6	16	.20	117	.16	<3	4.04	.01	.03	<2	<2	56	<3	<2	9.5	11
STANDARD	25.7	137.8	102.7	275.8	2105	34	17	1080	4.73	76.1	15	20	69	2.08	8.3	21.8	82	.76	.125	19	60	1.29	283	.15	26	2.64	.05	.75	16	1.9	443	.5	2.3	7.5	47

Standard is STANDARD 02/XG-500/AU-S. Samples beginning 'RE' are Retuns and 'RRE' are Reject Retuns.



SAMPLE#	No ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	Aa 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 %	θ %	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
61334	1.2	15.5	17.4	57.4	190	12	6	987	2.30	2.1	<5	2	16	.27	1.0	.3	47	.12	.104	8	18	.27	160	.14	<3	2.63	.02	.04	<2	<2	33	.4	<2	10.1	6
61335	1.4	13.6	18.8	79.1	96	12	7	1057	2.45	3.9	<5	4	22	.42	.7	.2	51	.18	.231	7	19	.36	229	.13	<3	2.78	.02	.07	<2	<2	50	.4	<2	10.1	3
61336	1.3	12.2	14.0	78.3	81	14	7	628	2.65	5.8	<5	4	14	.39	.9	.2	61	.13	.191	7	24	.38	140	.14	<3	2.80	.01	.06	2	<2	31	.3	<2	8.9	8
61337	.9	12.2	12.6	59.4	69	11	6	825	2.04	4.5	<5	3	20	.25	.7	.2	46	.16	.117	6	20	.31	161	.13	<3	1.96	.02	.07	<2	<2	19	<3	<2	8.5	2
61338	.9	17.1	29.9	100.1	80	13	8	1794	2.55	4.0	<5	4	60	.72	.6	.6	51	.45	.177	12	18	.47	329	.12	3	2.88	.02	.11	<2	.3	28	.3	<2	11.0	2
61339	.9	13.2	39.8	78.1	92	14	8	3820	2.45	7.3	<5	2	32	.84	1.2	1.1	56	.28	.099	8	22	.37	485	.15	<3	2.13	.03	.09	<2	.3	21	<3	<2	9.1	15
61340	1.0	11.9	13.8	121.8	134	13	7	1400	2.48	5.0	<5	4	18	.44	.7	.4	51	.16	.256	8	21	.30	235	.16	<3	2.93	.02	.07	<2	<2	36	<3	<2	9.2	3
61341	1.0	15.1	12.1	56.9	138	14	7	432	2.90	4.6	<5	5	20	.15	.3	.3	73	.16	.140	9	33	.40	142	.11	<3	2.35	.02	.05	<2	<2	29	.3	<2	7.2	41
61342	.5	9.4	13.2	35.5	136	5	3	672	1.67	3.7	<5	3	14	.24	.5	.3	42	.13	.111	6	18	.11	118	.10	<3	.89	.01	.04	<2	<2	19	<3	<2	6.9	14
61343	1.3	19.8	18.7	81.0	251	11	6	692	2.44	7.5	<5	4	12	.45	1.0	.3	51	.09	.321	6	20	.21	145	.17	<3	4.00	.02	.05	<2	<2	22	.4	<2	11.2	5
61344	1.0	22.4	9.0	64.1	100	15	8	322	2.98	3.5	<5	5	20	.21	.4	.2	80	.19	.126	13	49	.43	92	.11	<3	1.81	.02	.05	3	<2	19	<3	<2	6.1	41
61345	.9	12.8	7.5	45.2	199	13	8	350	2.80	2.9	<5	4	16	.16	.2	.2	72	.15	.212	9	46	.23	87	.11	<3	2.53	.01	.03	<2	<2	40	.3	<2	6.0	6
61346	1.7	17.3	9.4	55.1	947	14	8	298	3.05	3.3	<5	4	15	.10	.3	1.6	78	.15	.187	11	50	.26	116	.13	<3	2.94	.01	.04	<2	.3	56	.3	<2	7.4	13
61347	3.4	15.7	14.7	84.3	715	13	7	1093	2.70	3.6	<5	3	14	.43	.6	2.9	63	.13	.268	9	33	.26	151	.14	<3	2.97	.02	.04	2	<2	36	.4	<2	8.2	50
61348	12.5	25.4	12.1	90.8	814	15	9	295	2.96	4.7	10	4	29	.43	.4	2.3	62	.29	.127	10	35	.31	175	.16	<3	3.36	.02	.05	2	<2	47	.4	<2	8.6	3
61349	3.8	13.6	17.5	83.1	338	11	8	739	2.70	8.0	<5	2	10	.62	1.2	1.0	46	.09	.341	5	15	.16	118	.17	<3	3.71	.02	.04	<2	<2	90	.4	<2	10.1	2
61350	15.8	28.5	13.7	98.0	576	46	22	336	3.57	3.7	7	2	22	.50	.7	.4	70	.19	.170	5	74	.76	134	.21	<3	3.61	.02	.06	<2	<2	52	.4	<2	10.7	2
61351	4.3	19.8	11.4	57.7	295	20	11	191	2.77	5.0	<5	<2	17	.34	.6	.2	63	.15	.064	9	33	.28	119	.12	<3	2.87	.02	.03	<2	<2	65	.4	<2	6.9	5
61352	5.3	51.4	10.4	80.0	436	27	16	470	3.36	5.2	<5	2	25	.29	.4	.3	73	.23	.105	8	39	.61	191	.17	<3	2.30	.02	.06	<2	<2	38	.3	<2	8.4	276
61353	3.0	22.5	9.8	51.9	374	15	8	213	2.57	3.4	<5	3	18	.31	.4	.2	56	.14	.062	9	27	.37	140	.14	<3	2.97	.02	.04	<2	<2	66	.3	<2	7.4	12
61354	1.9	18.3	17.3	115.6	296	14	10	458	2.43	4.8	<5	2	12	.48	.8	.3	42	.10	.137	4	16	.19	153	.17	<3	3.78	.02	.03	<2	<2	54	.4	<2	11.2	2
RE 61355	1.5	27.1	10.3	104.0	221	19	9	548	2.74	4.7	<5	2	19	.39	.3	.2	54	.16	.209	8	26	.41	225	.14	<3	3.60	.01	.05	<2	<2	64	.4	<2	9.1	8
61355	1.4	27.5	9.5	109.6	225	20	9	560	2.86	3.6	<5	3	20	.40	.3	.3	57	.17	.216	9	28	.43	235	.15	<3	3.73	.02	.06	<2	<2	61	.3	<2	9.3	6
61356	2.4	30.3	12.8	113.8	366	16	11	683	2.68	3.3	6	3	25	.80	.8	.3	47	.23	.047	7	24	.30	225	.15	<3	3.15	.02	.05	<2	<2	104	<3	<2	9.1	2
61357	7.1	77.4	14.8	83.5	607	35	16	1283	3.77	5.7	12	3	67	.77	.6	.7	66	.65	.059	22	34	.44	243	.17	<3	2.97	.02	.06	<2	.3	65	.4	<2	9.2	2
61358	2.1	13.2	18.3	83.5	202	10	6	238	1.87	4.2	<5	<2	23	.62	1.0	.3	46	.23	.052	4	17	.21	153	.15	<3	2.07	.02	.04	<2	<2	42	<3	<2	7.9	2
61359	2.1	23.3	11.8	62.5	354	14	7	388	2.17	3.5	<5	3	19	.43	.5	.2	46	.16	.116	7	18	.26	134	.17	<3	3.58	.02	.04	<2	<2	42	.3	<2	9.1	2
61360	3.1	18.5	39.7	89.6	251	11	7	1394	1.95	3.6	<5	2	35	1.17	1.2	.3	43	.39	.139	8	18	.25	164	.13	3	2.27	.02	.07	<2	.3	54	.3	<2	7.8	2
61361	2.3	47.2	10.0	49.3	304	25	9	275	2.63	3.3	<5	3	38	.29	.4	.2	67	.38	.040	8	43	.71	132	.15	<3	2.08	.02	.06	<2	<2	52	<3	<2	6.1	5
61362	2.4	12.0	11.2	32.8	233	9	3	126	3.09	1.7	<5	3	13	.19	.6	.2	61	.07	.029	6	19	.19	79	.12	<3	3.31	.01	.02	<2	<2	81	.3	<2	9.8	<1
61363	1.5	10.3	23.3	26.5	401	8	2	111	1.51	4.0	17	2	26	.59	1.0	.2	45	.17	.030	6	15	.23	96	.07	<3	1.46	.01	.05	<2	<2	51	<3	<2	7.3	66
61364	.8	10.9	13.1	61.6	108	11	4	314	2.38	2.7	<5	5	25	.31	.9	.2	49	.18	.114	7	18	.31	70	.10	<3	3.37	.01	.05	<2	<2	82	.3	<2	9.3	1
61365	1.0	12.0	12.6	50.1	80	8	4	421	2.06	2.8	<5	3	8	.20	1.2	.3	40	.06	.104	4	9	1.0	85	.16	<3	3.76	.02	.02	<2	<2	52	<3	<2	11.4	<1
61366	1.2	10.6	18.4	71.6	69	10	3	303	2.76	5.2	<5	4	12	.34	2.5	.3	56	.08	.162	5	14	.20	88	.17	<3	3.53	.01	.03	<2	<2	54	<3	<2	12.7	<1
61367	1.2	12.5	14.6	49.6	59	11	4	346	2.29	2.6	<5	3	14	.20	.8	.3	50	.09	.113	8	15	.28	113	.15	<3	2.59	.02	.04	<2	<2	32	<3	<2	9.8	1
STANDARD	25.6	131.1	100.6	270.7	2116	33	17	1050	4.70	75.8	22	21	71	2.13	7.7	22.9	80	.74	.130	17	58	1.27	289	.14	28	2.47	.06	.79	15	2.0	461	.7	1.9	7.2	45

Standard is STANDARD D2/HG-500/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

JUN 15 10 55 AM '97



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
61368	1.4	21.8	22.2	69.7	669	22	8	498	3.97	10.0	<5	6	29	.47	1.4	.7	78	.22	.193	11	35	.73	316	.19	<3	3.93	.02	.06	<2	<2	63	.4	<2	14.0	<1
61369	1.3	20.5	13.8	45.5	180	16	7	284	2.58	4.0	<5	5	16	.20	1.0	.1	51	.11	.139	7	24	.31	127	.18	<3	5.23	.02	.04	<2	<2	51	.3	<2	10.2	35
61370	1.7	15.2	15.7	30.3	234	7	2	165	3.64	6.4	<5	4	7	.42	1.2	<.1	67	.05	.258	6	20	.12	70	.15	<3	4.71	.01	.01	<2	<2	91	.3	<2	12.2	7
61371	1.4	9.8	10.0	38.4	218	8	3	257	2.59	1.4	<5	2	10	.19	<.2	.1	56	.08	.061	6	21	.15	104	.14	<3	2.73	.02	.02	<2	<2	75	<.3	<2	9.1	<1
61372	1.1	14.2	12.7	56.5	444	9	5	605	2.55	3.8	<5	2	12	.70	.8	<.1	51	.10	.288	9	21	.20	105	.11	<3	3.23	.01	.03	<2	<2	84	<.3	<2	9.3	7
61373	1.0	11.7	14.7	66.6	334	9	5	544	2.18	4.6	<5	2	17	.37	1.2	.2	47	.16	.161	8	20	.19	110	.11	<3	2.37	.02	.04	<2	<2	53	.3	<2	8.4	6
61374	1.1	13.4	9.8	48.1	134	10	6	385	2.46	2.4	<5	3	11	.13	.2	<.1	47	.07	.153	8	18	.21	99	.14	<3	4.33	.01	.03	2	<2	99	.3	<2	9.1	2
61375	1.8	13.5	13.4	49.6	490	9	4	303	2.64	3.4	5	3	10	.27	.5	.5	46	.08	.120	7	18	.17	103	.14	<3	4.68	.02	.03	<2	.3	116	.4	<2	9.5	12
61376	1.3	15.8	10.4	68.6	195	11	6	900	2.41	2.8	<5	2	13	.17	.3	.1	47	.10	.193	7	18	.19	167	.13	<3	4.10	.02	.03	<2	<2	55	<.3	<2	8.9	8
61377	1.9	13.8	11.5	56.3	233	10	5	168	2.79	3.1	<5	3	16	.36	.6	.2	50	.12	.055	8	19	.21	168	.15	<3	3.27	.02	.03	<2	<2	97	.3	<2	9.9	2
61378	3.6	30.9	11.0	55.3	509	16	7	404	2.40	2.4	<5	2	47	.30	<.2	.1	48	.45	.110	26	26	.40	320	.11	<3	3.51	.02	.05	<2	<2	52	.6	<2	8.5	3
61379	3.1	14.1	10.1	62.5	325	10	6	748	2.41	3.0	<5	3	15	.14	.7	.1	51	.12	.182	8	19	.19	156	.13	<3	3.38	.02	.03	<2	<2	58	.3	<2	8.1	2
61380	2.9	25.2	13.3	60.8	234	16	9	412	2.89	4.2	<5	4	15	.27	.5	.1	65	.13	.143	9	29	.40	120	.16	<3	3.69	.02	.06	<2	<2	84	.4	.2	10.0	2
61381	2.8	28.1	10.2	62.8	149	19	11	259	3.20	5.2	<5	4	17	.13	.3	.1	74	.14	.105	8	37	.49	182	.17	<3	3.77	.02	.06	<2	<2	59	.5	<2	8.6	16
61382	3.2	24.2	11.7	65.4	281	18	9	258	2.95	4.6	<5	3	13	.23	.4	.1	67	.13	.164	6	28	.31	140	.16	<3	3.51	.02	.03	<2	<2	42	<.3	<2	8.7	63
61383	3.1	44.0	9.1	63.2	199	24	10	250	3.65	3.9	<5	3	17	.28	.5	.1	70	.14	.199	7	39	.42	127	.15	<3	3.12	.01	.06	<2	<2	66	.3	<2	7.3	9
RE 61383	3.1	43.4	9.1	63.4	210	22	10	249	3.73	3.5	<5	2	17	.24	.7	.1	72	.13	.200	7	40	.42	128	.15	<3	3.13	.01	.06	<2	<2	56	.3	<2	6.8	10
61384	14.1	42.7	10.0	82.7	234	19	19	281	4.41	5.4	<5	2	23	.33	.7	.1	175	.25	.040	8	74	1.02	166	.29	<3	2.10	.01	.16	<2	<2	33	.9	.2	9.3	32
61385	5.3	23.0	11.9	89.5	271	31	28	317	2.79	3.2	<5	3	21	.38	.4	.2	54	.21	.094	5	31	.30	147	.17	<3	3.59	.02	.04	<2	<2	52	.4	.2	9.3	3
61386	3.1	43.8	11.1	76.8	212	125	26	496	2.68	2.8	<5	2	18	.45	.6	.2	53	.22	.052	7	99	1.02	103	.13	<3	2.38	.02	.04	<2	<2	35	.4	.3	6.5	4
61387	5.9	32.5	15.7	56.5	296	44	16	163	2.51	2.7	<5	3	16	.33	.6	.3	60	.17	.042	8	38	.37	104	.18	<3	1.95	.02	.05	<2	<2	36	.4	.2	9.0	2
61388	1.8	25.8	10.2	53.2	219	19	9	331	2.89	2.7	<5	3	14	.21	.3	.2	63	.14	.081	6	32	.28	118	.17	<3	3.69	.02	.04	<2	<2	61	.3	<2	8.5	4
61389	1.2	37.0	10.2	50.1	370	21	7	242	2.24	3.6	<5	4	9	.16	.7	.1	50	.07	.123	9	26	.32	85	.17	<3	4.06	.02	.04	<2	<2	85	.5	<2	9.0	6
61390	1.2	17.9	11.7	54.9	296	12	6	218	2.68	2.8	<5	4	8	.20	.5	.2	51	.06	.170	6	22	.15	103	.16	<3	4.10	.01	.03	<2	<2	79	.5	.2	10.0	4
61391	.7	15.7	10.0	50.2	167	20	8	493	2.91	2.7	<5	6	45	.17	.7	.1	82	.46	.228	24	58	.50	117	.12	<3	1.64	.02	.06	<2	<2	31	<.3	.2	5.6	7
61392	.9	25.3	10.9	83.9	294	20	10	542	2.87	1.8	<5	4	21	.26	.3	.2	67	.18	.127	24	38	.41	161	.20	<3	2.96	.02	.06	<2	<2	82	<.3	.2	8.2	3
61393	.7	14.1	16.8	70.5	295	17	6	253	2.64	2.9	<5	3	16	.22	.6	.1	59	.13	.126	11	31	.37	98	.16	<3	2.92	.02	.04	<2	<2	62	<.3	<2	8.8	80
61394	.9	13.0	9.8	43.4	331	10	6	640	2.43	2.7	<5	3	8	.22	.5	.1	44	.07	.188	7	19	.15	81	.13	<3	4.68	.01	.02	<2	<2	111	.4	.2	7.4	2
61395	.7	14.4	8.7	50.7	179	9	6	1021	1.98	2.2	<5	3	10	.17	.5	.1	38	.09	.171	5	15	.14	113	.15	<3	4.07	.02	.03	<2	<2	54	.4	<2	7.2	<1
61396	.5	12.5	13.2	49.4	267	9	4	605	2.26	3.5	<5	3	10	.56	1.6	.2	52	.08	.178	8	20	.15	114	.14	<3	2.72	.02	.03	<2	<2	51	.4	.2	9.8	2
61397	.8	13.7	13.5	75.2	410	12	6	790	2.27	3.5	<5	2	13	.46	.9	.2	49	.12	.183	8	24	.19	127	.14	<3	3.56	.02	.03	<2	<2	84	.4	.3	8.6	3
61398	.7	11.9	15.5	56.8	276	9	5	748	2.45	5.0	<5	3	12	.47	1.1	.2	57	.10	.251	7	27	.19	91	.13	<3	2.57	.01	.04	<2	<2	85	.4	.2	8.0	3
61399	.8	16.7	11.6	76.3	298	19	8	486	2.89	3.1	<5	4	23	.18	.5	.2	68	.21	.230	14	41	.45	129	.12	<3	2.91	.02	.06	2	<2	58	.4	.2	6.3	5
61400	6.4	17.1	16.2	54.0	211	9	5	567	2.55	4.7	<5	3	37	.38	.7	.2	49	.34	.118	9	16	.19	216	.16	<3	2.73	.02	.04	<2	<2	35	<.3	.2	10.5	18
61401	19.8	20.0	23.2	58.8	339	13	6	878	2.64	4.2	<5	5	32	.55	1.0	.3	58	.30	.071	21	21	.34	95	.19	<3	3.46	.03	.05	<2	<2	31	.6	.5	13.8	120
STANDARD	26.0	137.9	106.3	274.7	2149	34	17	1101	4.78	76.6	14	20	69	2.13	7.3	21.9	82	.76	.125	18	59	1.31	283	.15	27	2.60	.06	.79	15	1.9	422	.7	2.8	8.0	45

Standard is STANDARD D2/HG-500/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Ta ppm	Ga ppm	Au+ ppb
61402	11.7	19.9	31.2	60.3	302	14	7	964	2.56	4.0	18	5	55	.76	.5	.2	56	.57	.084	21	24	.36	114	.14	<3	2.34	.02	.05	<2	<.2	40	.5	.3	10.2	17
61403	4.8	22.8	13.8	19.1	803	8	3	72	2.43	2.7	<5	4	12	.18	.2	.2	43	.08	.044	32	20	.16	66	.16	<3	4.24	.02	.01	2	<.2	73	.8	<.2	10.5	47
61404	4.4	13.8	15.6	46.4	280	12	7	331	2.67	3.3	<5	3	29	.26	.6	.2	64	.26	.063	13	26	.32	120	.13	<3	2.10	.02	.04	<2	<.2	49	.3	<.2	9.4	21
61405	2.0	14.3	12.0	52.6	170	13	7	274	3.04	3.6	<5	3	17	.33	.7	.2	74	.14	.135	10	39	.30	103	.13	<3	2.39	.02	.04	<2	<.2	30	.4	<.2	9.0	17
61406	2.1	20.6	13.6	89.3	209	11	7	563	2.51	3.2	<5	2	11	.33	.4	.2	53	.09	.195	7	23	.24	112	.15	<3	3.42	.02	.02	<2	<.2	49	.5	.3	10.2	10
61407	1.0	11.1	16.5	95.6	352	10	6	1168	2.47	2.6	<5	4	13	.51	.9	.2	59	.09	.140	8	26	.24	101	.12	<3	2.32	.02	.06	<2	<.2	41	.4	.3	9.2	72
61408	1.7	14.7	18.1	73.5	565	12	8	326	2.53	4.6	<5	3	12	.28	1.1	.6	52	.08	.135	6	24	.27	94	.14	3	3.61	.02	.04	<2	<.2	87	.5	.3	10.7	201
61409	2.5	13.5	15.3	58.7	372	7	5	186	2.79	4.2	<5	3	9	.42	1.2	.3	46	.07	.121	6	14	.14	72	.16	<3	4.61	.02	.03	<2	<.2	60	.4	.3	12.1	141
61410	1.5	16.6	12.8	31.1	338	8	4	123	2.15	3.8	<5	6	9	.14	.6	.2	40	.06	.106	8	14	.16	65	.16	<3	5.12	.02	.03	<2	<.2	101	.6	.2	11.8	7
61411	1.2	14.2	10.2	37.1	378	7	4	202	1.87	3.5	<5	2	9	.18	.5	.2	35	.06	.137	7	13	.13	65	.15	<3	4.64	.02	.01	<2	<.2	98	.6	<.2	10.2	5
61412	1.5	15.6	14.0	39.8	612	5	4	320	2.76	3.9	<5	4	9	.35	1.1	.2	51	.06	.197	5	17	.10	69	.13	<3	4.03	.01	.02	<2	<.2	88	.5	.2	11.2	21
61413	1.9	12.2	14.3	46.9	554	9	6	214	2.72	3.3	<5	3	12	.39	.8	.2	58	.09	.103	6	26	.20	87	.13	<3	3.01	.02	.04	<2	<.2	70	.4	<.2	9.8	22
61414	1.0	13.8	10.4	33.3	187	9	5	255	2.70	6.2	<5	3	17	.32	1.0	.2	75	.15	.150	11	43	.23	58	.09	<3	1.75	.01	.04	<2	<.2	30	.4	.2	7.1	12
61415	1.7	11.8	12.6	30.7	216	10	4	132	2.95	5.1	<5	<2	12	.18	.8	.1	64	.09	.052	6	33	.20	74	.11	<3	3.32	.01	.02	3	<.2	47	.4	<.2	8.3	8
61416	1.8	14.0	11.0	44.5	709	10	5	163	2.36	2.7	<5	2	13	.14	.4	.2	57	.09	.100	8	29	.19	103	.14	<3	3.07	.02	.02	2	<.2	28	.3	.2	9.1	63
61417	2.6	14.9	9.5	45.6	171	11	4	168	2.36	2.9	<5	2	10	.07	.3	.1	55	.07	.154	9	26	.28	68	.13	<3	3.15	.02	.04	4	<.2	64	.4	<.2	8.7	5
61418	4.8	24.3	11.0	78.2	390	18	10	269	3.13	3.0	<5	5	12	.22	.6	.2	66	.09	.200	6	36	.41	112	.16	<3	3.81	.01	.07	2	<.2	87	.4	.3	9.6	2
61419	6.2	41.9	9.2	74.6	527	59	21	285	2.88	3.9	<5	2	18	.21	.2	.2	64	.13	.074	12	87	.64	140	.19	<3	3.41	.02	.10	<2	<.2	66	.3	.2	8.1	82
61420	10.5	40.2	7.7	64.9	173	23	11	222	3.37	5.6	<5	2	25	.26	.5	.2	71	.21	.038	7	27	.49	142	.17	<3	3.00	.02	.04	<2	<.2	35	.3	.3	8.0	17
61421	4.7	22.6	10.7	102.5	248	33	15	696	3.19	3.8	<5	3	27	.31	.5	.2	69	.24	.096	7	53	.54	152	.17	<3	2.52	.03	.05	<2	<.2	31	.3	.3	9.1	7
61422	4.6	11.1	13.9	48.5	237	9	5	267	2.17	1.5	<5	2	15	.39	.2	.2	56	.10	.036	5	22	.14	105	.15	<3	1.43	.02	.03	<2	<.2	51	<.3	.2	10.4	9
RE 61422	4.7	11.1	13.3	51.4	240	10	5	276	2.29	1.9	<5	2	16	.38	.3	.2	58	.11	.038	6	23	.15	108	.16	<3	1.50	.02	.01	<2	<.2	44	<.3	.2	10.4	11
61423	2.9	14.4	10.9	79.7	183	17	9	1384	2.83	2.6	<5	<2	20	.23	.6	.2	68	.17	.076	6	41	.29	167	.15	<3	1.80	.02	.03	<2	<.2	28	<.3	.2	8.8	26
61424	4.1	39.3	10.0	130.6	235	34	24	789	3.41	4.6	<5	3	52	.37	.3	.2	64	.42	.128	10	38	.49	210	.16	<3	3.55	.02	.08	<2	<.2	32	.3	.2	8.6	10
61425	1.4	32.9	10.2	104.8	402	19	9	794	2.96	2.1	<5	<2	11	.20	.2	.2	62	.09	.310	6	30	.39	159	.20	<3	3.78	.02	.08	<2	<.2	19	.3	.3	11.6	2
61426	1.6	15.9	13.0	83.4	233	14	8	415	3.09	5.2	<5	2	14	.35	.9	.3	65	.11	.235	7	29	.30	177	.17	<3	3.66	.02	.02	<2	<.2	63	.3	.3	9.5	10
61427	1.4	22.2	12.0	109.5	408	17	10	1040	2.90	3.5	<5	3	14	.41	.9	.2	60	.12	.232	8	26	.33	177	.17	<3	3.40	.03	.06	3	<.2	55	.4	.3	9.3	10
61428	1.7	18.4	11.9	65.4	189	18	7	268	2.85	3.4	<5	3	19	.41	.5	.2	58	.16	.059	6	29	.33	169	.18	<3	3.67	.02	.05	<2	<.2	40	.3	.2	8.8	6
61429	1.3	36.3	12.7	63.3	115	28	7	207	3.81	6.9	<5	3	11	.40	1.0	.2	88	.14	.273	5	76	.67	100	.23	<3	3.77	.01	.15	<2	<.2	77	.5	<.2	9.8	3
61430	1.8	24.1	11.5	59.3	210	20	10	650	2.64	3.1	<5	2	25	.24	.7	.3	58	.24	.088	6	28	.32	191	.17	<3	2.96	.03	.06	<2	<.2	30	<.3	.2	9.3	5
61431	5.8	45.7	16.9	59.3	1083	30	10	1131	2.82	2.4	<5	<2	64	1.05	.3	.4	67	.38	.105	39	45	.49	183	.09	<3	2.30	.02	.06	<2	<.2	39	.7	<.2	9.6	2
61432	4.3	40.3	13.7	62.7	847	17	10	1892	2.80	4.5	6	<2	60	1.17	.3	.2	67	.39	.127	33	44	.38	170	.09	<3	3.04	.03	.06	<2	<.2	50	.6	<.2	9.9	9
61433	1.7	32.8	15.4	66.8	752	19	9	798	3.07	3.8	<5	<2	63	.71	.3	.3	67	.39	.079	33	39	.41	152	.12	<3	2.23	.02	.07	<2	<.2	38	.3	<.2	9.6	2
61434	1.2	19.7	35.6	85.1	310	15	8	1337	2.51	5.7	<5	<2	57	.84	.9	.3	60	.42	.084	12	32	.35	194	.13	<3	1.51	.02	.05	<2	<.2	28	<.3	.2	8.1	5
61435	1.8	19.6	11.2	82.6	265	15	10	474	2.98	3.8	<5	<2	21	.23	.3	.2	62	.17	.210	11	36	.35	124	.14	<3	4.02	.02	.03	<2	<.2	65	.4	.2	9.4	6
STANDARD	23.7	131.8	93.8	255.3	2170	30	16	984	4.32	65.8	25	20	59	2.15	8.3	22.6	74	.67	.113	16	54	1.16	251	.13	23	2.25	.05	.68	19	2.4	447	.8	2.8	7.4	52

Standard is STANDARD 02/HG-500/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



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	S	Al	Nb	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	ppm	ppb	ppm	ppm	ppm	ppm	ppb
61436	2.9	11.5	31.7	44.6	151	8	3	97	1.76	1.8	<5	<2	23	.54	.9	.2	51	.16	.037	7	22	.15	129	.10	<3	.74	.01	.02	<2	<2	50	<.3	<.2	6.7	2	
61437	1.7	11.5	20.2	62.7	404	11	5	780	2.24	4.1	<5	3	12	.47	1.4	.2	50	.10	.122	9	22	.20	115	.14	<3	1.93	.01	.02	<2	<2	72	<.3	<.2	9.9	3	
61438	1.1	10.8	15.4	58.1	217	10	4	682	2.65	3.4	<5	2	8	.27	.7	.2	56	.06	.245	6	19	.17	112	.18	<3	3.34	.01	.02	<2	<2	64	<.3	<.2	12.8	3	
61439	1.3	13.2	68.5	52.3	392	12	6	316	2.86	4.8	<5	2	15	.34	.8	.2	69	.13	.144	11	29	.31	92	.14	<3	2.78	.01	.03	<2	<2	65	<.3	<.2	10.1	22	
61440	1.2	16.0	55.6	83.9	259	15	6	1401	2.95	8.4	<5	3	19	.90	2.3	.3	72	.19	.195	11	39	.38	114	.11	<3	2.33	.01	.05	<2	<2	97	<.3	<.2	8.7	6	
61441	1.1	13.8	12.6	46.2	262	12	5	144	2.62	3.7	<5	5	15	.25	.4	.2	53	.19	.189	7	24	.23	94	.15	<3	4.32	.01	.04	<2	<2	112	<.3	<.2	9.1	7	
61442	1.0	12.3	14.0	86.4	173	13	5	652	3.17	4.2	<5	3	15	.86	1.7	.2	76	.16	.206	10	38	.27	94	.16	<3	2.91	.02	.04	<2	<2	64	<.3	<.2	10.5	4	
61443	1.1	16.5	9.6	59.2	140	14	6	471	2.80	2.7	<5	2	11	.10	.4	.2	67	.09	.206	8	34	.24	196	.16	<3	3.37	.01	.03	<2	<2	43	<.3	<.3	9.5	5	
61444	1.3	14.7	12.6	51.4	332	12	6	186	2.87	3.3	<5	2	16	.30	1.0	.2	71	.13	.107	9	31	.26	110	.17	<3	2.61	.02	.02	<2	<2	77	<.3	<.2	9.9	3	
61445	1.0	14.7	48.1	53.3	149	12	6	469	2.41	4.8	<5	2	18	.51	1.5	.3	61	.17	.209	9	32	.27	107	.15	<3	2.66	.01	.04	<2	<2	75	<.3	<.2	7.7	5	
61446	1.3	16.3	12.4	64.6	233	15	7	682	2.84	5.2	<5	2	16	.29	1.0	.2	65	.15	.194	8	36	.33	101	.17	<3	4.12	.02	.03	<2	<2	116	<.3	<.2	7.8	5	
61447	1.0	16.8	10.4	54.7	245	15	7	224	2.80	5.1	<5	2	18	.15	.4	.2	67	.14	.146	9	34	.33	127	.17	<3	3.68	.02	.03	<2	<2	54	<.3	<.2	8.0	5	
61448	1.1	14.3	20.6	68.6	161	12	5	361	2.61	4.5	<5	2	14	.36	.9	.2	64	.13	.176	8	31	.26	85	.16	<3	3.12	.01	.04	<2	<2	72	<.3	<.2	9.4	5	
61449	1.3	16.6	9.9	62.3	354	13	7	206	2.89	3.4	<5	2	11	.10	.3	.2	58	.09	.213	8	30	.25	119	.16	<3	4.59	.01	.03	<2	<2	80	<.4	<.2	9.3	5	
61450	1.5	16.5	14.7	59.2	145	14	5	196	3.37	5.3	<5	3	19	.20	.9	.5	77	.15	.161	8	40	.29	115	.16	<3	3.23	.01	.02	<2	<2	42	<.3	<.2	9.6	5	
61451	2.7	18.9	11.5	71.4	164	21	10	305	3.01	4.9	<5	2	16	.21	1.0	.2	68	.13	.124	7	40	.38	121	.16	<3	3.87	.02	.04	<2	<2	15	<.3	<.2	8.3	3	
61452	2.0	23.4	9.9	59.4	164	17	9	422	2.87	6.4	<5	2	11	.11	.5	.2	65	.09	.170	6	36	.33	99	.16	<3	4.06	.01	.03	<2	<2	42	<.3	<.2	8.2	4	
61453	1.5	19.3	28.5	62.9	168	16	8	444	2.80	6.8	<5	2	13	.37	1.3	.2	70	.13	.159	6	36	.36	102	.17	<3	3.17	.02	.05	<2	<2	55	<.3	<.2	8.6	3	
61454	1.2	17.2	11.1	65.9	218	14	10	583	2.88	2.6	<5	3	11	.11	.3	.1	68	.09	.169	6	31	.32	143	.17	<3	2.87	.01	.05	<2	<2	62	<.3	<.2	7.8	4	
61455	1.9	19.0	9.6	91.0	197	18	12	443	3.06	3.4	<5	<2	15	.19	1.0	.2	71	.15	.171	7	32	.47	132	.17	<3	3.19	.02	.06	<2	<2	42	<.3	<.2	7.8	5	
RE 61455	1.9	19.6	9.8	95.2	212	18	13	477	3.25	3.7	<5	2	15	.21	1.1	.2	76	.16	.181	8	34	.49	136	.18	<3	3.32	.02	.05	<2	<2	40	<.3	<.3	8.3	6	
61456	1.3	15.2	10.3	66.8	307	13	11	457	2.62	3.6	<5	<2	13	.29	.9	.1	57	.13	.218	8	29	.24	93	.13	<3	2.95	.02	.04	<2	<2	35	<.3	<.2	6.9	27	
61457	1.3	23.7	8.1	77.1	207	19	10	315	2.85	3.7	<5	2	16	.12	.7	.1	69	.14	.202	6	32	.36	121	.13	<3	2.79	.01	.05	<2	<2	44	<.3	<.2	6.3	9	
61458	2.2	28.0	9.2	60.0	377	23	15	171	3.03	3.3	<5	2	25	.14	.4	.2	59	.21	.124	6	33	.31	123	.16	<3	3.18	.02	.03	<2	<2	49	<.5	<.2	8.3	29	
61459	2.8	41.8	9.9	51.5	237	31	15	403	3.27	5.1	<5	2	25	.22	.4	.1	71	.31	.152	10	47	.49	85	.14	<3	3.27	.02	.06	<2	<2	46	<.6	<.2	7.1	11	
61460	3.2	28.1	15.7	59.9	306	47	28	496	2.98	9.0	<5	<2	23	.58	1.8	.3	67	.28	.057	8	62	.48	89	.15	<3	1.70	.02	.04	<2	<2	36	<.4	<.2	9.4	7	
61461	7.3	75.3	26.5	80.8	530	77	30	695	2.72	5.3	<5	<2	31	.93	1.0	.3	56	.40	.081	14	55	.65	90	.16	<3	2.06	.02	.07	<2	<.2	41	<.2	<.4	9.9	7	
61464	1.0	11.3	11.1	75.0	175	10	4	197	2.81	2.6	<5	<2	14	.19	1.4	.2	57	.12	.227	6	25	.20	80	.14	<3	4.19	.02	.03	<2	<.2	74	<.3	<.3	7.8	2	
61465	2.3	11.1	12.0	48.2	155	5	2	316	2.57	2.1	<5	<2	19	.12	.7	.1	50	.11	.169	7	18	.26	66	.04	<3	1.78	.01	.03	<2	<.2	47	<.3	<.2	7.4	3	
61466	5.9	17.3	30.1	44.8	316	9	5	402	2.44	3.4	<5	<2	64	.78	1.4	.3	57	.41	.070	26	25	.21	135	.14	<3	2.15	.02	.03	<2	<.2	61	<.3	<.2	11.1	5	
61467	2.2	14.0	10.4	55.2	77	15	6	248	3.08	2.5	<5	4	33	.22	.6	.1	79	.36	.182	20	51	.43	94	.13	<3	2.58	.02	.03	<2	<.2	58	<.3	<.2	5.6	6	
61468	1.9	10.5	8.9	69.4	90	10	5	212	2.65	2.4	<5	2	15	.15	1.3	.1	56	.18	.156	11	38	.25	74	.13	<3	3.59	.02	.03	<2	<.2	47	<.3	<.2	6.5	3	
61469	2.9	17.7	9.6	52.9	226	12	5	390	2.51	1.6	<5	<2	20	.25	.8	.2	62	.17	.070	16	38	.24	123	.11	<3	1.42	.01	.02	<2	<.2	47	<.3	<.3	6.8	2	
61470	2.6	20.5	9.0	49.1	421	10	8	433	2.59	2.2	<5	<2	20	.26	.9	.1	49	.21	.084	14	24	.23	141	.14	<3	3.35	.02	.04	<2	<.2	79	<.3	<.2	7.5	6	
61471	2.1	12.5	49.6	73.8	370	9	4	644	2.23	4.3	<5	<2	54	1.21	2.1	.2	52	.66	.090	8	23	.20	171	.12	<3	1.37	.02	.06	<2	<.2	91	<.3	<.2	7.4	3	
STANDARD	26.7	138.5	105.2	282.9	2095	35	18	1068	4.93	78.0	15	22	64	2.17	7.3	22.7	83	.74	.127	19	60	1.30	277	.15	26	2.64	.05	.76	20	2.1	456	<.3	2.6	8.0	52	

Standard is STANDARD D2/HG-500/AU-S. Samples beginning 'RE' are Returns and 'RRE' are Reject Returns.

JUN 10 10 16:40 AM





SAMPLE#	No 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	Yl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
61472	2.6	21.3	6.8	48.2	156	20	8	283	3.17	3.8	<5	2	47	.11	.4	.1	84	.50	.177	29	58	.54	104	.13	<3	1.91	.02	.05	2	.3	41	.5	.2	7.4	<1
61473	1.1	14.5	17.6	59.3	233	14	6	363	2.72	5.4	<5	2	26	.62	1.2	.1	71	.29	.201	15	45	.36	74	.09	<3	1.85	.01	.03	2	<.2	69	<.3	<.2	8.9	<1
61474	2.8	18.1	10.1	57.7	190	15	7	213	3.18	4.4	<5	3	19	.25	.5	.1	66	.17	.066	11	40	.41	101	.17	<3	3.16	.02	.04	<2	<.2	76	.8	<.2	10.4	4
61475	1.8	20.6	7.7	62.2	137	21	7	201	3.38	4.1	<5	4	21	.14	.3	.1	89	.18	.094	15	58	.60	108	.17	<3	3.07	.02	.04	<2	<.2	78	.4	<.2	8.6	4
61476	2.2	13.9	7.0	28.5	157	11	4	121	2.62	2.8	<5	2	18	.15	.6	<.1	67	.17	.059	13	44	.29	77	.09	<3	1.51	.01	.02	<2	<.2	50	.4	.2	5.7	5
61477	1.1	13.7	7.8	61.9	175	13	7	167	2.51	2.6	<5	2	19	.11	.4	.1	59	.21	.153	21	42	.31	82	.12	<3	2.52	.02	.04	<2	<.2	36	<.3	<.2	7.4	2
61478	3.6	19.9	8.6	32.2	378	10	6	167	2.67	2.5	<5	2	14	.19	.2	.1	59	.12	.079	19	31	.26	71	.15	<3	3.42	.02	.03	<2	<.2	82	.4	<.2	9.9	<1
61479	2.1	15.0	9.8	51.4	401	8	4	265	2.51	4.2	<5	2	9	.45	.6	.7	44	.08	.177	9	23	.13	77	.12	<3	4.39	.01	.02	2	<.2	92	.5	<.2	9.8	<1
61480	1.8	16.5	11.8	62.5	211	13	6	466	2.64	7.3	<5	2	16	.73	1.8	.2	60	.12	.301	10	32	.34	63	.09	<3	4.44	.01	.06	<2	<.2	107	.6	<.2	9.7	2
61481	2.7	16.8	12.4	34.1	361	10	3	150	2.45	3.4	<5	3	16	.33	.5	.2	56	.12	.076	15	27	.22	77	.14	<3	3.64	.02	.03	<2	<.2	75	.5	<.2	10.1	<1
61482	3.5	17.7	6.5	45.9	243	16	6	186	2.50	3.3	<5	3	24	.12	.4	.1	63	.26	.128	18	39	.37	73	.09	<3	2.20	.01	.04	<2	<.2	32	.4	<.2	5.6	5
61483	3.5	18.6	29.5	52.9	322	20	6	273	2.88	4.1	<5	2	29	.49	.9	.2	76	.30	.111	15	49	.46	93	.13	<3	1.99	.01	.07	2	.2	71	.3	<.2	7.4	16
61484	11.0	18.7	13.0	47.5	642	14	5	246	2.84	4.4	<5	3	15	.26	.7	.2	69	.12	.087	13	35	.29	68	.15	<3	3.15	.02	.04	<2	.2	57	.4	.2	9.6	18
61485	1.2	24.4	13.7	78.4	294	20	11	781	3.44	3.6	<5	5	20	.24	.3	.2	83	.18	.268	12	46	.38	103	.18	3	4.51	.10	.17	3	<.2	12	<.3	<.2	11.2	72
61486	1.9	17.7	11.0	48.3	241	15	7	322	3.08	4.1	<5	4	11	.34	.5	.2	61	.10	.271	12	36	.28	65	.15	<3	5.41	.01	.04	2	<.2	116	.8	<.2	10.6	31
61487	1.3	12.5	10.5	38.6	266	8	3	108	3.24	3.0	<5	4	9	.22	1.1	.2	78	.06	.113	8	33	.16	55	.17	<3	2.09	.01	.03	<2	<.2	33	.3	<.2	11.2	4
61488	6.6	22.0	10.7	54.6	593	18	6	139	3.07	3.5	<5	4	16	.16	.5	.2	66	.16	.064	16	38	.38	86	.17	<3	3.83	.02	.05	<2	<.2	58	.9	<.2	10.1	3
61489	2.5	21.7	17.4	60.0	295	14	5	171	4.39	6.2	<5	2	13	1.04	1.1	.2	89	.15	.191	7	38	.34	76	.17	<3	2.77	.01	.03	<2	.3	83	.3	<.2	12.6	2
61490	3.1	14.7	12.2	52.7	316	13	6	159	3.48	3.1	<5	4	10	.36	.9	.2	72	.10	.100	7	35	.25	76	.17	<3	3.67	.01	.04	<2	<.2	110	.7	<.2	12.3	1
61491	2.4	19.5	12.4	89.3	436	17	10	274	3.27	3.6	<5	4	11	.25	.4	.2	70	.11	.145	9	41	.35	88	.18	<3	4.69	.02	.06	<2	<.2	36	.3	<.2	12.4	<1
61492	3.9	21.5	9.4	65.0	256	17	5	119	3.26	2.6	<5	3	10	.32	.5	.2	60	.08	.075	8	38	.29	93	.15	<3	3.90	.02	.04	<2	<.2	74	.5	<.2	9.5	3
61493	2.5	33.7	10.7	99.1	237	53	7	108	2.21	3.3	<5	3	9	.38	.6	.2	44	.08	.069	6	69	.60	84	.15	<3	4.21	.01	.03	2	<.2	71	.4	<.2	10.0	1
RE 61493	2.3	32.5	10.4	97.7	230	52	6	104	2.15	2.7	<5	3	9	.36	.6	.2	43	.08	.065	6	68	.59	82	.14	<3	4.07	.02	.04	<2	<.2	63	.5	<.2	9.8	1
61494	2.3	18.3	10.5	51.9	205	31	6	87	3.16	2.0	<5	3	11	.19	.7	.2	70	.09	.035	6	66	.43	93	.22	<3	3.08	.02	.03	<2	<.2	54	.3	<.2	11.6	3
61500	1.1	13.6	10.0	110.8	358	17	9	799	2.76	2.9	<5	3	19	.34	.6	.2	60	.20	.303	14	35	.32	170	.15	<3	3.13	.02	.05	<2	<.2	55	.3	<.2	9.0	2
61501	.9	16.2	16.5	71.5	362	16	9	521	3.08	3.9	<5	3	29	.39	.7	.2	66	.30	.226	17	38	.39	178	.16	<3	2.76	.02	.05	<2	<.2	51	.3	<.2	9.3	4
61502	1.2	17.4	11.5	81.9	362	17	9	484	2.96	3.4	<5	3	39	.47	.4	.2	70	.39	.113	16	37	.49	234	.18	<3	2.40	.02	.05	<2	<.2	54	.4	<.2	9.3	5
61503	1.1	41.6	11.2	82.3	618	22	10	374	2.87	2.8	<5	3	45	.43	.4	.2	62	.41	.090	34	43	.55	221	.13	<3	2.83	.02	.04	<2	.2	38	.4	<.2	8.5	8
61504	1.0	13.8	9.5	79.8	138	16	7	323	2.77	3.3	<5	3	23	.23	.5	.2	67	.22	.094	12	39	.43	213	.13	<3	2.74	.01	.04	<2	<.2	85	<.3	<.2	7.2	3
61505	3.7	30.9	12.2	63.3	376	24	7	301	2.89	3.3	7	2	59	.24	.2	.2	74	.55	.097	24	48	.70	205	.14	<3	3.31	.02	.12	<2	.2	39	.6	<.2	9.4	2
61506	2.2	18.9	10.6	91.0	167	18	8	502	3.00	2.0	<5	3	45	.16	.4	.2	71	.45	.147	21	42	.54	163	.16	<3	2.51	.02	.07	<2	<.2	34	<.3	<.2	8.4	9
61507	1.9	37.2	13.6	51.0	674	14	8	321	2.76	2.5	<5	3	38	.42	.3	.2	65	.28	.047	53	39	.39	171	.13	<3	2.64	.01	.05	<2	<.2	63	.4	<.2	9.2	2
61508	1.5	18.4	9.0	60.5	429	13	9	394	2.73	3.4	<5	3	18	.30	.7	.2	57	.17	.090	10	31	.29	149	.16	<3	3.54	.02	.03	<2	<.2	89	.3	<.2	8.4	2
61509	1.8	16.0	8.5	50.7	217	12	5	290	2.51	1.7	<5	2	23	.17	.5	.2	53	.29	.116	17	30	.32	84	.15	<3	3.55	.02	.05	<2	<.2	75	.4	<.2	9.7	1
STANDARD	25.9	135.0	102.1	274.2	2176	33	17	1063	4.71	70.9	22	20	66	1.90	7.4	22.7	80	.75	.123	17	59	1.28	272	.14	25	2.47	.05	.77	16	2.3	436	.6	2.4	7.1	51

Standard is STANDARD D2/HG-500/AU-S. Samples beginning 'RE' are Retuns and 'RRE' are Reject Retuns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Cl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
61510	2.1	18.2	9.6	54.6	223	14	6	255	2.74	2.8	<5	<2	17	.25	.2	.2	57	.16	.095	13	33	.37	126	.13	<3	3.74	.02	.03	2	<2	85	.4	<2	8.8	2
61511	1.4	11.8	6.9	51.3	107	15	6	264	2.58	2.7	<5	2	34	.18	.3	.1	58	.38	.094	15	34	.48	137	.09	<3	1.73	.01	.03	<2	<2	28	<.3	<2	5.9	4
61512	2.5	11.5	11.1	37.7	267	7	4	130	1.69	1.7	<5	<2	24	.26	.3	.2	34	.20	.044	11	17	.21	109	.11	<3	1.84	.01	.03	<2	<2	65	<.3	<2	8.4	<1
61513	1.7	12.1	9.1	22.9	181	5	2	81	2.37	2.1	<5	<2	10	.25	.4	.2	51	.07	.073	6	19	.10	73	.11	<3	2.11	.01	.02	<2	.2	44	<.3	<2	9.5	1
61514	1.0	31.8	11.7	24.8	345	8	3	137	1.57	2.4	7	3	10	.37	.7	.2	31	.04	.103	19	15	.10	84	.13	<3	3.91	.02	.04	<2	<2	<10	.4	<2	9.6	1
61515	1.9	13.5	9.8	27.8	311	8	2	96	2.22	2.7	<5	<2	9	.32	.5	.2	38	.07	.061	11	19	.17	67	.10	<3	2.79	.01	.01	<2	<2	125	.3	<2	9.1	1
61516	2.0	12.4	9.2	34.8	512	7	3	153	2.25	4.3	<5	<2	15	.53	.4	.2	34	.14	.108	13	17	.17	75	.09	<3	2.33	.01	.02	<2	.2	105	.3	<2	9.7	<1
61517	1.8	13.2	9.7	30.2	306	14	5	109	2.07	2.1	<5	<2	14	.17	.4	.1	48	.12	.051	13	30	.33	101	.09	<3	2.66	.01	.02	<2	<2	52	.4	<2	7.6	1
61518	1.7	10.2	9.3	31.3	291	7	2	122	2.18	3.0	<5	2	9	.23	.3	.2	40	.07	.167	9	17	.13	74	.11	<3	4.12	.01	.02	<2	<2	102	.4	<2	10.3	2
61519	1.8	12.2	12.2	39.9	470	6	3	140	2.37	4.9	<5	3	6	.39	1.1	.8	41	.06	.106	6	20	.13	55	.11	<3	4.13	.01	.02	<2	.2	82	.5	<2	9.6	1
61520	1.4	11.9	9.6	48.8	290	11	5	191	2.50	3.7	<5	5	12	.18	.7	.3	52	.13	.175	10	29	.24	82	.11	<3	3.82	.01	.03	<2	<2	100	.5	<2	7.7	2
61521	1.3	14.2	9.5	33.9	130	6	4	326	2.07	3.4	<5	3	6	.40	.8	.2	37	.05	.245	6	17	.14	38	.13	<3	5.08	.01	.02	<2	<2	81	.6	<2	9.4	1
61522	1.3	13.0	8.6	39.2	353	8	5	280	1.92	3.3	<5	3	8	.24	.4	.2	39	.06	.126	7	24	.15	70	.11	<3	3.60	.01	.03	<2	<2	120	.4	<2	7.6	1
61523	1.6	17.9	10.9	56.6	185	12	6	424	2.40	5.1	<5	4	11	.33	.8	.2	52	.09	.172	9	31	.25	64	.12	<3	3.88	.01	.02	<2	<2	97	.6	<2	8.6	1
61524	1.2	17.8	10.1	74.4	349	13	8	612	2.20	4.4	<5	4	10	.77	.8	.1	49	.08	.156	7	29	.25	66	.13	<3	3.82	.01	.04	<2	<2	95	.5	<2	7.4	<1
61525	1.1	20.5	9.3	65.9	365	22	9	332	2.89	4.0	<5	4	20	.36	.4	.2	66	.19	.156	11	44	.42	138	.12	<3	3.07	.01	.05	<2	.2	57	.4	<2	7.2	11
61526	1.6	20.0	10.5	50.0	527	18	7	210	2.70	3.2	<5	4	12	.19	.2	.2	60	.09	.146	8	38	.34	74	.14	<3	3.81	.01	.04	2	<2	101	.4	<2	8.8	3
61527	1.7	13.1	11.2	44.4	278	11	7	538	2.79	3.0	<5	4	9	.17	.4	.2	53	.07	.219	6	27	.22	83	.13	<3	4.95	.01	.03	<2	<2	81	.5	<2	9.2	1
61528	1.2	15.7	10.6	48.7	580	12	7	383	2.53	3.3	<5	6	9	.20	.4	.2	49	.08	.234	8	25	.22	87	.13	<3	4.77	.02	.04	<2	<2	108	.6	<2	9.8	76
61529	1.3	17.4	15.7	78.4	458	18	9	289	3.33	5.5	<5	5	12	.46	.9	.2	62	.10	.177	6	34	.34	108	.17	<3	5.35	.02	.05	<2	<2	105	.6	<2	10.5	2
61530	1.1	38.1	16.7	63.7	268	17	7	280	3.16	4.6	<5	5	14	.43	.8	.2	65	.14	.200	6	26	.29	77	.16	3	6.24	.02	.04	<2	<2	61	.8	<2	10.8	2
61531	1.6	26.7	16.0	114.6	449	22	13	647	3.73	3.4	<5	4	91	.64	.5	.2	83	.50	.164	25	55	.61	218	.20	<3	2.66	.02	.08	<2	<2	54	.3	<2	9.5	5
61532	1.2	27.3	9.5	101.8	177	26	11	613	3.72	2.7	<5	3	69	.35	<2	.2	84	.52	.133	30	62	.81	263	.16	<3	2.84	.03	.07	<2	<2	29	.4	<2	7.8	3
RE 61532	1.1	27.6	9.2	104.6	167	27	12	627	3.81	2.8	<5	3	68	.34	<2	.2	85	.52	.134	29	62	.83	266	.16	<3	2.95	.03	.05	<2	<2	35	.3	<2	7.5	4
61533	1.5	26.3	15.4	96.2	221	20	12	700	3.53	2.8	<5	3	47	.50	.3	.2	81	.43	.179	23	53	.62	170	.18	<3	2.24	.02	.06	<2	<2	33	.3	<2	9.8	4
61534	.9	22.4	10.2	185.3	251	26	11	349	3.67	2.5	<5	5	27	.72	.3	.2	86	.30	.200	17	54	.68	198	.18	<3	3.93	.02	.09	<2	<2	48	.3	<2	7.4	3
61535	1.0	14.5	17.3	162.1	302	14	10	708	3.25	2.6	<5	3	21	1.18	.4	.2	66	.20	.205	12	40	.39	144	.17	<3	2.16	.02	.04	<2	<2	58	.4	<2	8.9	1
61536	1.3	18.6	13.7	105.8	319	20	10	338	3.27	3.2	<5	5	30	.76	.5	.1	73	.35	.235	18	48	.59	144	.15	<3	2.63	.02	.04	<2	<2	44	.4	<2	8.0	2
61537	3.4	22.5	44.8	106.3	690	17	8	1177	2.51	3.4	7	<2	135	1.99	1.0	.2	57	1.17	.142	43	52	.54	528	.06	<3	2.55	.02	.06	<2	.2	87	.4	<2	5.3	4
61538	2.5	19.5	15.7	53.7	296	12	4	162	3.19	2.2	<5	3	48	.60	.2	.2	59	.30	.050	16	40	.29	415	.14	<3	3.94	.02	.05	<2	<2	84	<.3	<2	8.3	3
61539	7.8	32.0	8.1	46.4	293	18	7	1418	2.86	2.3	<5	<2	47	.46	.2	.2	47	.43	.077	22	35	.34	146	.14	<3	2.44	.02	.04	<2	<2	49	.6	<2	9.8	1
61540	4.5	42.1	10.9	43.3	768	16	8	339	2.80	1.9	<5	<2	39	.79	<2	.2	48	.39	.060	31	28	.32	147	.12	<3	2.35	.02	.04	<2	<2	63	.5	<2	9.5	<1
61541	2.0	51.6	13.9	78.9	615	29	11	797	3.61	2.4	<5	2	59	.71	<2	.5	64	.61	.137	32	53	.65	360	.15	<3	4.40	.02	.14	<2	<2	54	.8	<2	12.3	1
61542	1.2	16.6	9.5	56.6	303	13	7	394	2.80	1.9	<5	<2	31	.47	<2	.2	68	.46	.139	16	44	.32	171	.10	<3	2.38	.02	.04	<2	<2	44	.3	<2	6.9	4
STANDARD	21.0	114.6	84.1	226.6	2085	26	14	969	4.25	65.4	16	16	56	2.15	6.6	22.4	67	.71	.112	15	49	1.13	256	.12	24	2.31	.04	.63	16	2.1	449	.6	2.3	6.8	52

Standard is STANDARD D2/HG-500/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

JUN 10 '97 12:29 FR ACME LABS b04 253 1 116 10 0813320

7.10.10

004 200 1710 00100000

JUN 13 '97 12:24 PK HUME LHBS



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Be	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	ppm	ppb
61543	1.5	17.6	10.9	78.4	248	11	6	736	2.60	3.0	<5	<2	13	.22	.5	.2	52	.13	.204	8	26	.24	105	.14	<3	4.57	.02	.02	<2	<.2	127	.5	.2	10.2	<1		
61544	2.6	97.4	32.9	84.9	500	20	9	403	3.20	4.0	<5	<2	45	.75	.4	.4	65	.47	.073	17	30	.42	140	.17	<3	2.06	.02	.05	<2	<.2	38	.3	.3	13.5	3		
61545	1.0	15.7	13.0	54.2	325	12	5	339	2.73	3.1	<5	3	15	.26	.6	.2	63	.10	.129	9	33	.24	94	.14	<3	2.07	.02	.03	2	<.2	51	<.3	<.2	8.5	251		
61546	3.8	254.3	13.6	52.0	1400	25	9	553	2.82	2.7	<5	<2	35	.63	<.2	.4	59	.36	.063	23	35	.33	132	.16	<3	2.78	.02	.05	<2	<.2	78	.7	<.2	10.1	4		
61547	1.6	14.3	11.3	71.6	338	12	6	172	2.65	1.8	<5	<2	25	.31	.2	.2	55	.25	.093	7	28	.25	168	.15	<3	4.07	.02	.02	<2	<.2	81	.3	<.2	9.0	2		
61548	1.4	19.3	14.2	75.7	538	12	6	603	2.49	4.7	<5	2	10	.39	.9	.1	46	.09	.286	6	22	.19	94	.16	<3	5.80	.02	.02	<2	<.2	159	.4	.2	10.3	2		
61549	1.0	13.7	11.2	35.0	166	9	3	150	2.42	1.9	<5	<2	10	.17	.3	.2	55	.08	.093	7	28	.18	79	.12	<3	3.17	.01	.02	<2	<.2	61	.3	<.2	8.1	2		
61550	1.9	15.7	11.6	51.1	213	16	7	193	3.01	2.6	<5	4	22	.15	<.2	.2	71	.23	.148	12	45	.36	117	.15	<3	3.61	.02	.05	<2	<.2	55	.4	<.2	8.7	3		
61551	2.2	20.3	11.3	69.1	97	24	8	249	3.09	3.3	<5	6	24	.16	.5	.3	82	.23	.133	15	56	.62	99	.15	<3	2.89	.02	.07	<2	.3	45	.3	.2	7.1	4		
61552	2.3	19.9	11.7	73.5	202	16	7	408	2.99	4.7	<5	2	16	.93	1.3	.2	68	.16	.189	10	40	.36	76	.15	<3	3.93	.02	.04	<2	<.2	83	.4	.2	8.1	3		
61553	1.8	26.5	10.4	103.6	351	23	10	437	3.30	2.9	<5	3	24	.34	.2	.2	87	.23	.179	15	51	.68	137	.19	<3	3.54	.02	.07	<2	<.2	53	.3	.3	10.0	49		
61554	10.5	44.9	9.7	105.7	235	37	16	341	4.09	4.7	<5	2	48	.42	.2	.2	103	.62	.088	17	77	1.06	140	.25	<3	3.12	.03	.11	<2	<.2	34	.7	.3	9.8	4		
61555	3.4	24.6	11.4	91.7	617	29	10	289	3.38	3.5	<5	2	15	.27	.3	.2	88	.13	.137	9	63	.60	104	.20	<3	4.21	.02	.08	<2	<.2	87	.6	<.2	10.2	2		
RE 61555	2.9	24.5	12.0	87.4	544	27	10	274	3.18	4.2	<5	3	15	.29	.3	.2	83	.13	.130	10	58	.57	99	.20	<3	4.02	.02	.07	<2	.2	79	.5	.2	9.2	3		
61556	2.8	49.2	11.4	84.7	318	27	16	389	3.15	2.8	<5	2	11	.35	.2	.2	73	.10	.107	9	42	.47	114	.18	<3	3.99	.02	.06	<2	<.2	91	.6	.2	9.8	4		
61557	3.4	27.1	13.4	66.7	289	18	10	138	3.14	2.1	<5	2	17	.54	.3	.2	66	.15	.035	9	30	.28	151	.19	<3	3.14	.02	.03	<2	<.2	64	.5	<.2	10.4	2		
61558	2.2	27.3	10.1	70.6	559	15	10	276	2.58	3.7	<5	2	11	.23	.2	.2	58	.09	.195	7	21	.28	119	.16	<3	4.60	.02	.05	<2	<.2	110	.6	<.2	10.5	3		
61559	2.2	43.5	20.2	95.5	358	67	17	448	4.00	3.3	<5	4	27	.30	.5	.2	89	.16	.152	12	70	1.46	150	.22	<3	3.69	.02	.11	<2	<.2	56	.5	.3	9.7	4		
61560	1.9	70.6	12.0	124.5	196	74	16	329	3.72	3.8	<5	4	22	.28	.2	.4	101	.17	.153	14	78	.96	130	.22	<3	3.42	.02	.09	<2	<.2	47	.5	.3	9.9	5		
61561	.9	20.4	6.7	76.7	184	17	9	310	3.44	2.6	<5	4	14	.28	.2	.2	101	.18	.261	17	79	.34	73	.13	<3	3.11	.01	.03	<2	<.2	72	.3	.2	7.8	3		
61563	.9	13.5	13.8	64.3	272	13	6	621	2.41	3.0	<5	2	13	.39	.4	.2	53	.10	.194	7	26	.25	117	.13	<3	3.43	.01	.03	<2	.3	78	.3	<.2	9.1	5		
61564	.8	12.5	11.0	49.9	272	13	5	488	2.28	2.7	<5	4	12	.18	.5	.2	50	.10	.121	8	26	.21	106	.13	<3	3.67	.01	.02	<2	<.2	69	.3	<.2	8.8	3		
61565	1.0	11.8	13.9	60.2	180	11	5	397	2.31	2.4	<5	4	11	.34	.8	.2	52	.08	.090	7	21	.22	121	.15	<3	3.18	.02	.04	2	<.2	47	.4	<.2	10.0	10		
61566	1.3	13.3	14.0	63.2	193	14	7	442	2.68	4.2	<5	3	23	.23	.9	.2	53	.25	.192	6	22	.26	125	.16	<3	4.28	.02	.04	<2	<.2	103	.5	<.2	11.4	3		
61567	.6	12.0	20.3	87.3	299	18	7	509	2.55	2.9	<5	3	21	.34	.7	.2	58	.20	.214	13	33	.36	129	.12	<3	2.26	.02	.06	<2	<.2	47	.3	<.2	7.8	6		
61568	.9	12.2	8.9	72.2	332	12	7	290	2.13	1.8	<5	<2	11	.20	<.2	.1	41	.09	.227	10	21	.21	109	.13	<3	3.83	.02	.03	<2	<.2	84	.3	<.2	8.1	3		
61569	2.6	14.0	44.2	53.1	273	10	5	410	1.83	2.3	7	<2	49	.91	1.1	.2	46	.58	.075	18	25	.24	178	.08	<3	1.51	.02	.05	<2	<.2	62	.4	<.2	5.9	3		
61570	1.0	15.1	11.0	51.1	419	13	5	174	2.42	2.3	<5	4	12	.22	.3	.2	52	.09	.192	12	28	.26	76	.15	<3	3.70	.02	.03	<2	<.2	118	.5	<.2	8.7	4		
61571	1.5	15.8	9.4	47.3	435	12	6	186	2.62	2.5	<5	2	11	.09	<.2	.2	59	.08	.138	8	29	.21	80	.15	<3	4.05	.01	.01	<2	<.2	83	.5	<.2	9.2	3		
61572	5.0	12.7	16.5	58.8	398	16	6	173	2.49	3.1	<5	<2	17	.41	.5	.2	66	.17	.056	12	38	.39	93	.12	<3	1.85	.01	.03	<2	<.2	72	.4	.2	8.2	3		
61573	2.3	24.8	18.0	132.7	393	26	10	617	2.65	7.6	<5	2	22	.56	.7	.2	61	.24	.182	8	33	.32	128	.14	<3	3.07	.02	.04	<2	<.2	56	.3	.3	9.0	2		
61574	2.5	58.9	12.7	86.7	787	54	11	253	2.80	7.6	<5	2	13	.30	.5	.4	65	.12	.132	10	67	.53	78	.16	<3	3.52	.01	.03	<2	<.2	65	.5	<.2	8.9	7		
61575	1.8	20.3	12.6	80.1	495	21	9	304	2.70	10.5	<5	<2	11	.37	.9	.2	64	.10	.117	8	33	.30	74	.15	<3	3.56	.02	.04	<2	<.2	114	.6	<.2	8.7	14		
61576	.9	16.6	10.4	57.8	108	18	7	203	2.92	2.9	<5	4	17	.19	.7	.2	73	.14	.165	9	42	.39	110	.16	<3	2.75	.01	.04	<2	.3	27	<.3	.2	8.9	2		
STANDARD	23.8	129.8	93.5	253.1	2165	31	16	1006	4.45	73.8	13	19	63	2.20	8.6	22.7	75	.69	.119	16	55	1.19	270	.13	25	2.33	.05	.71	19	2.3	442	.5	2.7	7.1	44		

Standard is STANDARD D2/HG-500/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	No	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	As*
	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	ppb
61577	1.2	19.2	10.7	71.3	97	24	8	463	3.19	4.5	<5	4	17	.26	1.3	.3	78	.16	.105	8	51	.47	132	.17	<3	2.93	.02	.05	<2	<.2	43	<.3	.3	8.3	6
61578	3.4	19.8	11.7	67.2	281	13	6	209	3.45	5.3	<5	<2	11	.47	1.2	.3	70	.08	.140	5	36	.25	94	.18	<3	3.21	.02	.04	<2	<.2	78	.3	<.2	10.0	1
61579	1.2	15.7	10.0	60.2	171	15	8	459	2.89	3.2	<5	3	13	.20	.5	.2	70	.11	.144	8	38	.30	95	.14	<3	2.82	.02	.04	<2	<.2	47	<.3	<.2	7.5	2
61580	1.8	20.9	10.3	60.9	288	14	9	260	3.00	2.9	<5	3	11	.24	.5	.2	63	.09	.223	8	33	.29	98	.15	<3	4.01	.02	.04	<2	<.2	106	.5	.2	8.6	2
61581	1.1	14.4	9.3	54.0	171	13	7	335	2.79	2.5	<5	3	14	.15	.3	.2	64	.11	.158	7	27	.23	144	.16	<3	3.29	.02	.03	<2	<.2	67	.3	<.2	8.1	4
61582	1.0	13.0	11.7	68.3	126	22	9	339	3.12	3.2	<5	3	18	.22	.6	.3	73	.17	.243	10	44	.33	98	.16	3	3.33	.02	.05	<2	<.2	40	<.3	.2	8.1	9
61583	1.0	17.9	7.9	41.8	174	11	6	189	2.15	2.7	<5	<2	10	.09	.2	.2	46	.07	.135	6	21	.19	88	.15	7	3.64	.02	.02	<2	<.2	50	<.3	<.2	8.3	1
61584	.8	29.2	10.0	116.6	224	21	12	571	3.92	3.3	<5	4	33	.98	.3	.2	113	.38	.240	22	85	.48	196	.15	<3	2.61	.03	.07	<2	<.2	62	<.3	.3	7.1	41
61585	1.4	27.1	9.8	56.7	162	17	9	404	3.04	2.5	<5	3	37	.48	.3	.2	79	.35	.108	34	62	.44	154	.15	<3	2.30	.02	.05	<2	<.2	28	.3	.2	6.2	4
61586	.7	12.6	17.3	84.7	148	15	7	543	2.62	4.0	<5	4	25	.45	.9	.2	70	.34	.312	19	49	.32	155	.12	<3	2.37	.02	.05	<2	<.2	51	<.3	.3	6.4	2
61587	1.6	16.9	13.0	79.7	384	15	7	197	2.31	2.9	<5	3	35	.46	.6	.4	63	.33	.080	16	43	.44	179	.15	<3	2.47	.02	.06	<2	<.2	52	<.3	.3	6.4	8
61588	1.0	19.2	9.1	63.6	265	12	7	450	2.47	2.6	<5	2	14	.23	.3	.2	56	.15	.295	12	29	.24	143	.15	<3	4.15	.02	.03	<2	<.2	64	.3	<.2	8.0	2
61589	2.3	17.9	14.5	97.2	243	16	9	538	2.88	3.2	<5	4	28	.33	.5	.2	72	.25	.156	16	38	.41	178	.20	<3	3.81	.03	.05	<2	<.2	60	<.3	.3	8.9	4
61590	1.1	13.2	15.0	58.2	44	14	6	208	3.22	4.8	<5	4	27	.26	.6	.2	97	.23	.112	11	62	.45	132	.16	<3	1.29	.02	.04	<2	<.2	16	<.3	<.2	7.1	3
61591	1.2	17.7	10.2	74.7	61	18	9	266	3.59	3.1	<5	3	42	.20	.4	.2	104	.47	.264	20	75	.47	135	.12	<3	2.43	.02	.05	<2	<.2	20	<.3	<.2	5.7	6
61592	1.3	14.8	13.4	142.3	167	14	8	444	2.96	3.3	<5	2	15	.35	1.1	.2	71	.14	.210	8	38	.39	136	.19	<3	3.06	.02	.06	<2	<.2	56	<.3	.4	9.4	1
RE 61592	1.3	16.0	14.1	145.6	163	15	8	472	3.04	2.8	<5	2	16	.33	1.1	.2	72	.14	.218	8	39	.40	144	.19	<3	3.15	.02	.06	<2	<.2	56	<.3	.4	9.5	1
61593	1.0	10.9	18.0	115.9	96	11	6	686	2.79	4.7	<5	3	17	.34	1.3	.3	68	.18	.281	9	34	.28	158	.18	3	1.84	.02	.05	<2	<.2	27	<.3	.4	10.9	3
61594	3.0	35.8	69.7	111.1	273	17	13	1412	2.94	3.0	<5	<2	61	1.31	1.2	.3	70	.50	.144	27	42	.42	301	.13	<3	2.03	.02	.06	<2	<.2	48	<.3	.3	8.8	15
61595	.8	16.8	14.1	49.1	43	17	9	241	3.40	2.7	<5	3	47	.25	.5	.2	105	.59	.215	28	81	.46	100	.09	<3	1.12	.02	.04	<2	<.2	11	<.3	.2	5.0	20
61596	2.1	16.6	12.9	40.8	316	12	5	141	3.14	2.7	<5	<2	45	.42	.7	.2	69	.39	.055	17	44	.35	137	.12	<3	2.55	.02	.03	<2	<.2	72	<.3	.3	8.7	4
61597	1.2	13.8	27.2	129.5	227	9	6	1015	2.40	2.9	<5	<2	15	.46	.7	.2	50	.16	.169	8	22	.21	174	.14	<3	2.26	.02	.03	<2	<.2	39	<.3	.3	8.6	35
61598	1.7	18.2	29.0	68.5	224	10	6	337	2.56	3.6	<5	<2	18	.97	1.2	.4	53	.19	.046	18	21	.17	194	.16	<3	1.26	.02	.03	<2	<.2	48	<.3	.2	10.6	<1
61599	1.5	25.1	30.4	86.2	253	14	8	772	2.64	2.9	<5	<2	30	.66	.8	.2	64	.35	.132	15	36	.34	165	.12	<3	2.00	.02	.05	<2	<.2	52	<.3	.2	7.9	2
61900	3.1	45.3	37.1	74.1	283	18	9	690	2.31	2.4	<5	<2	53	.93	1.1	.2	64	.54	.109	24	45	.45	164	.10	<3	1.68	.02	.06	<2	<.2	47	.3	.4	6.6	1
61901	2.3	24.3	16.0	93.6	241	19	8	324	2.91	2.6	<5	3	20	.27	.5	.1	74	.21	.169	16	46	.48	136	.16	<3	3.27	.02	.05	<2	<.2	53	<.3	.4	9.2	<1
61902	2.6	21.7	11.1	72.6	217	19	9	345	3.03	2.9	<5	2	20	.23	.5	.1	78	.19	.126	13	46	.44	116	.17	<3	3.20	.02	.05	<2	<.2	44	<.3	.3	8.6	1
61903	1.7	19.3	22.7	70.9	137	20	7	407	3.00	4.7	<5	3	17	.34	.9	.2	80	.15	.126	11	49	.47	100	.17	<3	3.25	.02	.06	<2	<.2	57	<.3	.2	8.5	1
61904	2.5	48.9	13.2	44.9	249	10	4	136	2.20	4.6	<5	<2	12	.66	.7	.3	44	.10	.287	11	22	.16	96	.11	<3	3.15	.01	.03	<2	<.2	102	.4	.2	9.0	14
61905	1.2	17.1	8.0	66.7	233	13	6	518	2.53	1.4	<5	<2	12	.19	.6	.2	62	.11	.119	11	36	.29	105	.15	<3	2.69	.02	.03	<2	<.2	47	<.3	.3	7.6	2
61906	3.2	21.1	9.3	58.2	361	13	11	299	2.67	2.7	<5	<2	17	.29	.4	.2	60	.14	.151	18	29	.23	109	.16	<3	3.92	.02	.04	<2	<.2	75	.3	.2	9.5	<1
61907	1.9	33.0	9.3	91.6	387	19	11	356	2.83	4.2	<5	2	23	.33	.6	.2	64	.21	.167	20	37	.43	113	.14	<3	3.13	.02	.05	<2	<.2	60	<.3	.3	7.9	5
61908	3.6	21.2	9.7	61.5	441	13	8	221	2.96	2.5	<5	<2	17	.22	.5	.2	64	.15	.151	13	31	.28	102	.16	<3	3.19	.02	.04	<2	<.2	63	<.3	.2	9.0	<1
61909	5.0	42.2	14.2	78.3	258	15	9	363	3.58	3.6	<5	2	20	.25	.9	.2	91	.22	.112	9	42	.48	82	.18	<3	2.14	.02	.05	<2	<.2	34	<.3	.3	9.6	7
STANDARD	25.9	136.8	102.9	275.3	2109	32	17	1084	4.74	71.5	24	22	64	2.19	7.9	22.8	80	.76	.126	18	59	1.30	277	.14	26	2.63	.05	.77	20	2.4	430	.5	2.8	7.8	44

Standard is STANDARD D2/HG-500/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

JUN 13 '97 12:24 P K HUMIE LHB5 B04 233 110 00100200 1.11.10





SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Aur ppb
61943	2.2	18.1	11.0	29.7	305	6	3	77	1.39	1.1	<5	<2	17	.43	.3	.3	42	.16	.026	7	14	.10	75	.12	<3	1.01	.01	.04	<2	<.2	24	<.3	.2	8.1	1
61944	5.3	65.1	13.7	90.1	813	28	16	343	3.03	7.2	<5	2	37	1.24	.4	.3	83	.44	.085	9	46	.55	146	.11	<3	1.81	.02	.05	<2	<.2	28	.8	.3	9.5	5
61945	2.0	21.0	11.5	50.1	172	12	6	214	2.04	4.4	<5	2	12	.53	.6	.3	49	.11	.071	6	27	.23	56	.12	<3	1.13	.01	.05	<2	<.2	70	<.3	<.2	7.2	1
61946	1.1	27.0	7.6	77.7	206	19	11	656	2.42	1.9	<5	3	15	.24	<.2	.2	57	.16	.122	13	40	.34	136	.13	<3	1.98	.02	.05	<2	<.2	40	<.3	<.2	7.1	7
61947	2.6	42.4	9.0	65.5	330	31	11	379	2.96	2.9	<5	2	22	.29	.2	.3	68	.21	.068	18	45	.44	115	.16	<3	2.60	.02	.07	<2	<.2	51	.5	.2	9.5	3
61948	2.6	72.6	8.5	139.8	535	39	20	766	4.24	3.7	<5	4	22	.44	.2	.2	117	.20	.083	10	62	.85	237	.23	<3	3.07	.02	.13	<2	<.2	49	.4	.3	10.1	4
61949	1.4	50.3	8.0	64.1	378	35	24	220	2.50	3.8	<5	4	17	.28	.5	.3	49	.18	.087	13	24	.27	101	.15	<3	4.10	.02	.05	<2	.2	81	.9	.5	9.4	4
61950	1.6	47.5	9.8	85.3	530	61	23	207	3.08	4.4	<5	4	13	.32	.2	.5	66	.14	.103	9	37	.40	119	.14	<3	3.11	.01	.05	<2	<.2	61	.5	.2	8.7	4
61951	1.0	26.0	17.6	56.6	191	21	10	287	2.75	4.1	<5	3	18	.36	.5	.2	83	.25	.133	11	50	.40	92	.10	<3	1.53	.01	.04	<2	<.2	31	<.3	.3	5.6	11
61952	.7	18.4	9.3	127.0	446	17	12	423	2.48	2.5	<5	3	12	.44	.2	.1	50	.14	.233	7	23	.23	152	.14	<3	3.44	.02	.04	<2	<.2	73	<.3	.2	7.8	<1
61953	.9	33.2	9.8	57.7	403	24	10	399	2.54	5.1	<5	4	13	.46	<.2	.2	57	.11	.167	14	32	.35	116	.16	<3	3.49	.02	.07	<2	<.2	66	<.3	<.2	8.3	16
RE 61953	.8	31.8	9.3	57.5	363	23	10	396	2.45	4.6	<5	4	12	.43	<.2	.1	54	.10	.168	15	30	.35	116	.16	<3	3.54	.02	.05	<2	<.2	72	<.3	<.2	7.6	1
61954	1.0	18.4	8.6	60.2	506	13	9	353	1.96	5.0	<5	3	6	.23	.2	.2	38	.05	.134	6	21	.15	71	.14	<3	4.64	.02	.03	<2	<.2	90	.3	.2	8.0	<1
61955	1.5	35.3	8.3	62.2	379	15	7	206	2.38	5.0	<5	5	11	.21	.4	.1	50	.10	.188	6	19	.27	80	.15	<3	5.20	.01	.04	<2	<.2	119	.5	<.2	9.7	3
61956	1.3	33.0	10.6	66.9	240	16	7	184	3.06	7.0	<5	4	12	.25	1.3	.4	64	.12	.174	5	34	.33	64	.14	<3	4.82	.01	.04	<2	<.2	67	.4	.4	9.4	1
61957	1.2	19.2	11.9	63.8	113	12	5	231	2.57	5.0	<5	3	11	.36	.6	.1	53	.09	.209	7	23	.24	88	.14	<3	3.79	.01	.05	<2	<.2	57	<.3	<.2	9.0	1
61958	1.4	19.1	10.3	58.0	145	10	4	144	2.18	2.5	<5	7	8	.20	<.2	<.1	41	.06	.098	13	13	.18	86	.15	<3	4.27	.02	.03	<2	<.2	72	<.3	<.2	9.5	<1
61959	1.4	12.4	9.1	51.1	178	11	5	139	2.69	4.0	<5	3	9	.24	.5	.1	46	.08	.120	6	26	.17	72	.11	<3	4.15	.01	.04	<2	<.2	92	<.3	<.2	7.4	<1
61960	1.7	19.6	10.4	54.4	312	15	5	101	2.97	3.6	<5	4	8	.30	.3	.2	58	.06	.041	6	32	.26	97	.17	<3	3.47	.01	.03	<2	<.2	73	.3	.2	9.1	3
61961	1.3	25.0	13.7	60.5	226	20	8	281	2.66	3.8	<5	3	18	.35	.2	.2	68	.19	.119	15	45	.40	99	.14	<3	2.60	.02	.06	<2	<.2	54	.3	<.2	6.8	2
61962	1.2	17.3	16.2	58.6	212	15	6	200	2.67	5.5	<5	2	13	.58	.5	.3	66	.11	.187	7	36	.30	80	.13	<3	2.38	.01	.04	2	<.2	88	<.3	.2	8.0	5
61963	1.5	18.0	16.6	61.5	251	14	7	197	2.83	12.7	<5	3	9	.35	1.3	.2	63	.07	.325	6	33	.25	77	.15	<3	3.68	.01	.04	<2	<.2	75	.3	.2	9.2	2
61964	1.4	19.8	17.6	71.4	163	23	7	207	3.17	6.8	<5	4	15	.22	.5	.3	78	.18	.273	8	50	.43	71	.14	<3	2.68	.01	.05	2	<.2	49	<.3	<.2	7.7	1
61965	1.0	17.2	14.8	48.9	162	11	4	248	2.63	5.3	<5	4	7	.22	.8	.3	59	.07	.137	5	33	.19	55	.14	<3	4.16	.02	.04	<2	<.2	95	.3	<.2	7.7	1
61966	1.0	17.9	9.7	51.8	603	11	7	221	2.30	4.0	<5	2	8	.13	.2	.3	48	.05	.176	6	21	.21	99	.16	<3	4.64	.02	.03	<2	<.2	202	.4	.2	9.0	<1
61967	.9	22.7	8.3	52.5	283	20	9	264	3.11	2.2	<5	4	18	.10	<.2	.2	86	.17	.098	11	57	.45	92	.12	<3	2.06	.01	.05	<2	<.2	43	<.3	.2	5.6	3
61968	1.3	17.9	7.5	65.8	347	12	7	438	2.32	1.8	<5	<2	16	.29	.2	.3	57	.17	.206	10	38	.25	111	.09	<3	1.67	.01	.04	<2	<.2	37	<.3	<.2	5.8	8
61969	1.0	16.7	15.2	60.0	178	16	9	420	3.45	4.5	<5	3	18	.46	.3	.3	90	.23	.276	12	60	.32	103	.12	<3	2.35	.01	.04	<2	<.2	63	<.3	<.2	7.2	8
61970	2.1	48.8	11.2	42.8	620	19	11	641	2.74	3.9	<5	<2	34	.35	<.2	.3	62	.39	.100	26	41	.40	116	.11	<3	3.17	.02	.06	<2	<.2	59	.5	<.2	7.0	2
61971	1.3	17.6	10.3	63.2	213	16	10	311	3.41	3.6	<5	2	27	.45	.2	.1	64	.35	.216	9	40	.35	117	.14	<3	2.52	.01	.06	<2	<.2	67	<.3	<.2	8.1	1
61972	.7	21.5	6.6	74.0	86	23	10	522	3.10	3.3	<5	2	25	.18	.2	.2	80	.30	.319	15	55	.43	182	.12	<3	2.38	.01	.07	<2	<.2	20	<.3	.2	6.2	1
61973	2.8	25.3	10.4	49.6	259	19	8	452	2.62	3.8	<5	<2	43	.47	<.2	.2	66	.38	.043	14	39	.40	145	.14	<3	2.00	.02	.09	<2	<.2	51	<.3	<.2	7.8	1
62000	2.9	44.2	9.3	61.1	476	29	11	417	2.86	2.5	<5	<2	18	.42	<.2	.2	69	.19	.085	21	50	.50	94	.12	<3	3.20	.02	.06	<2	<.2	54	.4	<.2	7.3	3
62001	1.6	16.0	12.5	91.2	176	19	8	390	3.04	7.1	<5	3	23	.43	.5	.3	84	.40	.094	7	49	.51	131	.15	<3	1.34	.01	.07	<2	<.2	41	<.3	<.2	7.3	10
STANDARD	25.2	134.4	102.5	273.7	2129	33	17	1064	4.69	77.3	14	21	61	2.16	6.9	22.3	81	.75	.124	18	59	1.29	278	.15	26	2.51	.05	.74	14	2.2	459	.5	2.5	8.0	47

Standard is STANDARD D2/HG-500/AU-s. Samples beginning 'RE' are Reruns and 'RR' are Reject Reruns.

F.13.1010  
004 200 1110 10 0010320  
JUN 13 '97 14:23 PK HOME LHD



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Wa	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
62002	2.0	22.9	12.1	69.3	359	24	10	403	3.31	4.0	<5	3	20	.47	.5	.2	78	.22	.144	14	51	.53	102	.14	<3	1.90	.02	.07	<2	<.2	36	<.3	.3	8.9	4	
62003	1.9	30.4	10.7	55.5	344	29	10	389	3.38	2.8	<5	2	28	.41	.6	.2	79	.41	.072	14	54	.63	106	.11	<3	1.78	.02	.06	<2	<.2	23	<.3	.2	7.6	5	
62004	1.8	24.4	40.8	80.9	296	25	11	746	3.20	10.4	<5	<2	27	.91	1.4	.4	75	.38	.083	14	47	.56	144	.13	<3	1.83	.02	.05	<2	<.2	60	<.3	.3	8.5	5	
62005	1.6	27.6	11.9	87.2	273	33	12	606	3.50	2.4	<5	4	25	.28	.4	.2	79	.40	.164	15	58	.75	124	.14	<3	2.32	.02	.08	<2	<.2	26	<.3	.4	8.7	21	
62006	1.7	51.3	11.1	85.5	333	46	17	914	3.98	2.6	<5	3	31	.38	.4	.3	93	.48	.093	22	70	1.04	112	.18	<3	2.66	.02	.08	<2	.3	35	.3	.3	9.5	2	
62007	1.1	22.2	9.7	135.6	413	18	12	605	3.39	2.0	<5	3	20	.24	.5	.1	73	.29	.307	10	42	.44	151	.13	<3	3.23	.02	.06	<2	<.2	50	<.3	.4	8.7	3	
62008	.8	20.4	9.1	110.6	251	23	11	546	3.48	2.4	<5	2	33	.21	.4	.1	83	.47	.332	21	52	.58	182	.14	<3	2.69	.02	.09	<2	<.2	50	<.3	.4	7.8	3	
62009	2.4	25.4	11.4	65.7	344	20	12	698	3.40	2.8	<5	<2	35	.38	.4	.2	81	.45	.078	18	49	.57	126	.11	<3	2.10	.02	.08	<2	<.2	41	<.3	.2	8.5	2	
62010	2.8	28.4	9.3	52.7	235	18	9	362	2.47	2.6	<5	<2	26	.23	.2	.3	58	.37	.086	14	35	.45	86	.12	<3	4.30	.03	.06	<2	<.2	53	.4	.3	8.5	1	
62011	1.6	19.1	11.3	68.9	173	15	8	466	3.09	3.0	<5	3	18	.31	.4	.1	75	.22	.357	14	45	.38	114	.09	<3	3.13	.01	.04	<2	<.2	44	<.3	.3	8.4	10	
62012	1.5	32.3	10.4	39.8	320	16	8	311	3.24	2.4	<5	3	28	.54	.3	.2	87	.38	.101	24	62	.31	106	.10	<3	2.58	.02	.03	<2	.2	49	.3	.2	8.1	5	
62013	2.2	46.8	10.3	66.1	527	23	10	694	2.73	2.3	<5	<2	35	.69	.3	.4	66	.43	.087	32	41	.44	96	.09	<3	2.13	.02	.06	<2	<.2	39	.6	.3	8.7	3	
62014	2.2	56.3	11.4	158.6	415	21	10	474	2.62	2.8	<5	<2	34	1.10	.4	.3	65	.47	.132	24	42	.44	81	.10	<3	2.99	.02	.06	<2	<.2	40	.7	.5	8.3	3	
62015	1.4	53.6	11.5	193.3	338	23	12	688	2.86	3.3	<5	<2	36	1.55	.3	.3	68	.50	.138	23	49	.46	93	.08	<3	2.25	.02	.05	<2	.3	41	.6	.6	7.9	7	
62016	2.6	25.2	12.5	80.0	205	15	7	446	2.70	6.0	<5	<2	45	.76	.5	.2	72	.75	.117	17	37	.45	115	.12	<3	1.85	.02	.06	<2	<.2	53	.5	.3	9.6	8	
62017	12.0	28.1	6.7	24.3	128	16	8	452	2.89	4.5	<5	<2	32	.32	<.2	.1	75	.36	.042	21	51	.35	97	.09	<3	2.32	.02	.02	<2	<.2	35	.3	<.2	6.1	5	
62018	5.5	17.7	13.3	27.5	201	9	4	120	3.24	3.1	<5	<2	15	.36	.6	.2	62	.19	.031	8	27	.24	74	.19	<3	2.51	.02	.02	<2	<.2	85	<.3	.2	12.3	1	
62019	7.0	41.9	10.4	40.9	280	17	8	247	3.14	2.1	<5	3	30	.45	.2	.1	88	.34	.075	25	52	.50	79	.12	<3	2.77	.02	.03	<2	<.2	36	.7	.2	9.0	3	
RE 62019	7.2	39.2	10.4	39.7	319	16	8	235	2.97	2.3	<5	<2	29	.46	.2	.3	84	.33	.073	24	49	.48	75	.12	<3	2.52	.02	.03	<2	<.2	49	.8	.3	9.4	4	
62020	2.1	23.7	16.6	76.6	522	17	7	517	3.66	4.9	<5	<2	15	.80	1.1	.2	73	.18	.346	10	54	.37	88	.12	<3	3.31	.01	.05	<2	<.2	140	.4	.3	9.0	3	
62021	2.1	30.4	13.2	76.9	299	17	8	240	2.70	2.6	<5	2	16	.37	.3	.3	61	.15	.068	20	36	.44	109	.13	<3	3.25	.02	.05	<2	<.2	57	.4	.4	8.7	2	
62022	1.6	20.5	9.3	60.1	317	15	7	238	2.88	3.2	<5	4	10	.20	.3	.2	63	.08	.142	10	37	.31	86	.16	<3	4.39	.02	.04	<2	<.2	71	.3	.3	10.1	1	
62023	1.5	26.2	8.6	52.8	171	16	5	186	2.97	3.7	<5	4	9	.17	.5	.2	63	.07	.182	8	39	.35	72	.15	<3	5.21	.01	.04	<2	<.2	92	.4	.3	9.8	4	
62024	1.6	29.5	9.6	88.9	209	20	10	408	3.77	3.7	<5	4	12	.16	.4	.2	84	.11	.181	11	51	.45	97	.16	<3	4.45	.02	.06	<2	<.2	71	.4	.4	10.0	3	
62025	2.1	25.8	10.0	146.1	317	19	9	457	2.81	3.4	<5	4	10	.40	.5	.2	59	.09	.196	8	32	.38	105	.16	<3	4.69	.01	.05	<2	.3	95	.5	.7	10.4	1	
62026	1.7	19.6	9.6	83.1	371	13	9	379	3.69	3.6	<5	4	11	.59	1.0	.2	80	.15	.122	9	52	.28	88	.15	<3	3.80	.02	.02	<2	<.2	75	.3	.4	9.7	64	
62027	1.1	24.8	11.7	79.6	286	21	11	654	4.52	3.4	<5	5	16	.26	.4	.2	130	.22	.247	14	95	.46	133	.15	<3	3.20	.02	.04	<2	<.2	56	.3	.4	9.2	28	
62028	4.7	41.8	15.1	122.9	1162	19	6	193	3.87	3.8	<5	3	33	2.94	.5	.5	75	.39	.047	12	42	.38	167	.17	<3	2.04	.02	.04	2	<.2	57	.8	.4	12.9	5	
62029	2.7	35.8	8.7	59.7	328	37	11	333	3.56	2.8	<5	<2	31	.44	.3	.2	81	.36	.077	19	72	.89	109	.14	<3	1.83	.02	.04	<2	<.2	35	<.3	.3	8.6	4	
62030	.8	21.6	7.5	54.2	359	16	9	231	3.03	2.3	<5	3	23	.38	.3	.1	84	.36	.266	25	66	.33	101	.10	<3	2.55	.02	.03	<2	.3	43	<.3	.2	6.8	20	
62031	1.3	16.0	8.5	33.0	370	10	5	138	2.94	2.3	<5	<2	15	.44	.5	.1	77	.19	.086	15	50	.21	76	.13	<3	2.01	.02	<.01	<2	<.2	64	<.3	.2	8.1	2	
62032	6.7	90.8	9.2	43.3	1036	19	10	351	2.37	2.7	<5	<2	74	1.34	.3	.1	75	1.25	.135	57	45	.47	124	.07	<3	2.81	.02	.06	3	<.2	66	.9	.3	7.3	2	
62033	.8	20.3	6.3	46.3	160	16	9	248	3.61	2.9	<5	4	25	.39	.4	.2	110	.44	.229	25	94	.32	105	.08	<3	1.20	.02	.03	<2	<.2	29	<.3	.3	5.7	2	
62034	.7	17.4	8.9	55.0	182	15	8	527	2.97	2.7	<5	2	22	.31	.6	.1	89	.39	.302	23	70	.29	82	.09	<3	1.81	.02	.03	<2	.2	43	<.3	.3	8.5	4	
STANDARD	25.3	125.2	101.6	266.7	2149	32	17	1067	4.74	76.4	21	20	58	2.17	7.9	22.2	77	.73	.125	16	57	1.27	278	.14	25	2.62	.05	.74	19	2.3	443	.4	2.9	7.6	52	

Standard is STANDARD D2/HG-500/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

JUN 13 1997 12:28 PM HUME LRB

P.15/118  
 02619920  
 004 253 1716 10 0813920  
 JUN 13 '97 12:26 PK HOME LHB5



Phelps Dodge Corp. PROJECT 214 FILE # 97-2603



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
62035	1.0	19.7	9.6	69.4	247	21	11	572	3.14	2.6	<5	<2	27	.43	.3	.3	94	.40	.260	23	75	.36	127	.09	<3	1.65	.02	.05	<2	<2	44	.3	.4	6.7	4
62036	1.6	23.1	7.9	34.1	206	17	10	294	3.63	1.5	<5	<2	37	.29	.4	.2	115	.51	.214	31	93	.31	80	.07	<3	1.10	.02	.05	<2	<2	37	.3	.2	6.4	2
62037	1.0	21.4	6.2	47.3	145	16	8	257	3.40	.6	<5	<2	31	.21	<.2	.1	105	.46	.328	26	85	.30	87	.07	<3	2.34	.02	.03	<2	<2	52	.3	.3	6.4	18
62038	1.4	19.1	13.3	63.9	388	17	7	238	3.01	1.9	<5	<2	14	.41	.8	.2	78	.13	.074	7	42	.33	150	.15	<3	1.62	.01	.04	<2	<2	50	<.3	.3	9.4	8
62039	.8	12.0	11.0	65.8	307	12	7	793	2.78	1.7	<5	<2	11	.28	.7	.2	70	.11	.259	8	39	.24	112	.15	<3	1.98	.01	.03	<2	.2	41	<.3	.2	9.9	13
62040	1.4	40.5	11.3	97.4	520	35	12	227	3.19	1.9	<5	3	17	.19	.3	.2	87	.15	.170	17	65	.67	130	.18	<3	3.95	.02	.07	<2	.2	68	.3	.3	8.8	3
62041	2.0	25.4	12.7	89.8	331	22	9	201	3.04	2.7	<5	<2	18	.42	.4	.6	75	.20	.102	10	49	.44	112	.18	<3	3.23	.02	.06	<2	.2	45	.4	.5	10.9	7
62042	1.8	20.6	14.5	99.8	668	23	8	234	4.23	3.4	<5	<2	12	.32	.7	.3	93	.11	.144	6	59	.44	90	.19	<3	2.64	.01	.02	<2	.2	55	.4	.5	11.8	2
62043	1.8	30.6	12.5	92.3	615	25	12	429	2.99	4.1	<5	<2	20	.72	.6	.3	85	.24	.083	9	46	.48	91	.17	<3	1.86	.02	.06	<2	.2	56	.3	.3	9.2	4
62044	2.5	101.2	11.1	86.2	609	42	44	459	2.42	2.0	<5	<2	20	.74	.2	.3	61	.22	.080	20	40	.42	53	.13	<3	2.74	.02	.04	<2	.3	36	.6	.4	8.9	7
62045	1.0	18.2	8.6	97.3	253	17	9	250	2.50	3.2	<5	<2	24	.93	.5	.2	71	.27	.117	19	50	.33	92	.10	<3	1.99	.02	.03	<2	.3	59	.4	.4	6.9	7
62046	2.4	56.6	10.6	168.5	456	25	23	414	2.15	3.1	<5	<2	21	3.53	.2	.4	52	.24	.078	23	33	.29	44	.10	<3	2.37	.02	.03	<2	.3	42	.8	.5	9.3	2
62047	1.2	18.7	6.1	101.8	100	18	7	206	2.49	2.3	<5	4	40	1.07	.2	.1	77	.56	.155	29	58	.42	55	.12	<3	1.62	.02	.02	<2	.2	30	.3	.4	5.2	5
62048	2.6	46.4	8.9	180.9	368	18	11	379	2.76	1.8	<5	<2	26	2.48	.3	.2	72	.33	.083	22	44	.37	65	.14	<3	1.81	.02	.02	<2	.2	47	.5	.5	8.8	6
62049	.8	12.7	6.2	60.7	81	15	7	240	2.75	1.2	<5	<2	28	.49	.4	.1	83	.38	.149	23	59	.33	77	.09	<3	1.29	.01	.02	<2	<2	32	<.3	.2	4.5	22
62050	.6	12.0	6.1	74.9	155	13	8	449	2.73	1.6	<5	<2	29	.36	.3	.1	74	.45	.437	27	57	.26	78	.08	<3	1.76	.01	.02	<2	<2	30	<.3	.3	5.5	4
62051	1.7	49.0	9.2	52.4	362	25	13	437	2.78	2.3	<5	<2	34	.50	.3	.3	73	.41	.077	24	50	.38	102	.11	<3	2.17	.02	.04	<2	<2	51	.5	.2	7.5	4
62052	.8	21.0	15.2	52.3	198	19	10	469	4.51	2.8	7	3	28	.34	.4	.2	152	.45	.292	27	123	.31	88	.09	<3	1.80	.02	.06	<2	.2	39	<.3	.2	6.8	30
62053	.7	22.1	7.2	48.1	237	22	10	255	3.12	2.0	<5	4	29	.20	.5	.2	97	.46	.293	30	79	.40	73	.10	<3	1.97	.02	.04	<2	.2	42	.3	.2	5.9	7
62054	.8	28.4	13.4	47.9	141	21	10	452	3.41	1.9	<5	2	40	.34	.4	.2	112	.66	.282	32	91	.43	120	.10	<3	1.52	.02	.07	<2	<2	24	<.3	<.2	5.6	11
RE 62054	.9	28.8	14.7	48.7	148	23	10	447	3.49	2.6	<5	3	41	.37	.4	.1	115	.66	.281	32	95	.42	118	.10	<3	1.50	.02	.10	2	.2	34	<.3	.2	6.1	5
62055	2.6	26.4	8.3	37.1	406	19	7	164	3.18	2.3	<5	<2	32	.27	.2	.2	80	.40	.098	23	56	.41	75	.14	<3	1.81	.02	.04	<2	<2	35	.5	<.2	8.3	12
62056	4.2	43.6	9.0	72.4	362	30	11	395	2.90	1.9	<5	<2	26	.46	.2	.2	70	.31	.099	22	50	.53	91	.12	<3	2.41	.02	.04	<2	.2	47	.5	.3	8.2	4
62057	4.0	75.2	8.3	103.7	691	48	17	610	3.64	2.9	<5	2	34	.47	.2	.2	103	.45	.147	29	96	.64	132	.12	<3	2.41	.02	.08	2	.2	35	.5	.4	6.4	10
62058	.8	17.4	6.2	66.4	288	21	9	375	3.15	1.8	<5	2	32	.24	.2	.1	94	.53	.334	29	80	.35	118	.11	<3	2.00	.02	.03	<2	<2	36	<.3	.2	6.3	26
62059	3.7	20.9	13.6	64.1	269	14	7	169	3.21	2.6	<5	2	14	.54	.4	.3	83	.12	.035	15	46	.32	104	.19	<3	2.00	.02	.04	2	<.2	39	.4	.4	9.8	2
62060	1.8	25.2	12.5	88.2	619	18	9	347	2.96	3.6	<5	3	19	.43	.4	.2	73	.21	.262	11	46	.38	188	.15	<3	4.64	.02	.02	<2	<.2	97	.4	.3	9.6	2
62061	2.1	22.6	15.7	86.0	216	15	9	653	3.20	6.3	<5	<2	12	1.01	1.1	.2	70	.13	.177	9	59	.34	94	.15	<3	4.01	.02	.04	<2	.2	108	.4	.3	9.5	2
62062	2.0	59.5	12.2	77.4	194	36	15	345	4.34	5.4	<5	4	22	.27	.7	.6	112	.21	.139	9	68	.83	133	.18	<3	2.51	.02	.07	<2	.4	28	.4	.4	8.1	10
62063	1.5	18.1	15.1	64.1	264	18	8	394	3.01	6.3	<5	4	13	.45	.9	.2	69	.14	.156	7	35	.30	89	.15	<3	3.82	.02	.01	<2	.2	63	.3	.2	8.9	95
62064	1.3	18.4	9.3	57.5	374	17	10	497	3.26	4.9	<5	3	17	.22	.3	.1	78	.16	.243	10	47	.28	96	.12	<3	3.34	.01	.02	<2	<.2	63	.3	<.2	7.9	37
62065	1.5	30.4	10.2	83.0	569	20	15	186	2.76	3.8	<5	<2	13	.31	.5	.2	59	.10	.050	9	35	.30	94	.13	<3	3.39	.02	.01	<2	.2	66	.4	.3	7.5	4
62066	1.1	18.2	9.3	68.1	230	15	14	671	2.71	3.7	<5	2	16	.47	.8	.1	62	.18	.193	11	37	.23	93	.12	<3	2.82	.02	.01	<2	.6	58	.3	.3	7.5	2
62067	.8	28.4	8.8	66.0	284	21	10	529	2.69	3.4	<5	2	16	.27	.3	.2	64	.15	.140	6	37	.34	145	.16	<3	3.50	.02	.01	<2	.3	64	.5	.2	8.8	4
STANDARD	23.7	124.3	94.4	251.1	2124	31	16	1011	4.30	70.5	17	18	57	2.07	7.7	22.5	75	.70	.113	16	55	1.19	245	.13	23	2.22	.05	.66	18	2.0	449	.5	2.8	7.1	48

Standard is STANDARD 02/HG-500/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



P. 16/18

604 253 1716 10 6813920

JUN 13'97 12:26 FR HOME LABS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Yb ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
62068	1.1	35.0	12.9	68.3	331	23	12	390	2.69	4.5	<5	3	12	.38	1.1	.4	63	.12	.141	5	45	.40	129	.16	<3	3.31	.02	.04	<2	.5	93	.4	.2	8.7	8
62069	.8	43.6	12.1	107.0	512	26	14	1324	2.74	1.6	<5	3	13	.51	.4	.3	69	.13	.102	7	35	.45	211	.17	<3	2.81	.02	.05	<2	.9	68	<.3	.2	8.2	7
62070	1.2	29.8	15.1	133.1	343	24	13	468	3.32	3.8	<5	5	15	.42	1.4	.2	76	.17	.228	9	43	.57	97	.15	<3	3.32	.01	.07	<2	.6	63	<.3	.4	8.2	245
62071	1.2	25.7	14.8	102.9	129	22	11	811	3.16	1.7	<5	4	17	.77	.8	.1	74	.17	.204	10	46	.47	112	.11	<3	2.95	.01	.04	<2	.6	43	<.3	.3	7.1	12
62072	1.0	19.4	14.7	127.7	316	13	8	1709	2.52	1.4	<5	3	11	.38	.7	.4	51	.09	.218	8	23	.22	147	.16	<3	3.64	.02	.04	<2	.6	60	.4	.5	10.8	3
62073	1.4	15.7	18.8	98.6	211	11	9	884	2.59	3.5	<5	3	11	.63	1.7	.5	49	.11	.526	6	20	.18	132	.17	<3	4.64	.02	.02	<2	.6	94	.5	.4	11.7	3
62074	.9	21.6	12.8	89.0	328	13	8	1173	2.34	1.9	<5	4	11	.26	.5	.2	48	.09	.497	8	19	.21	210	.17	<3	3.75	.02	.04	<2	.6	51	.4	.3	11.2	4
62075	1.0	34.3	12.0	87.4	281	20	8	389	2.95	2.7	<5	4	20	.28	.6	.1	77	.15	.225	8	34	.51	171	.21	<3	4.68	.02	.08	<2	.5	70	.4	.2	10.3	5
62076	1.0	21.5	16.1	74.1	546	20	10	530	3.04	2.3	<5	2	18	.34	.7	.2	78	.17	.184	11	43	.34	118	.14	<3	2.81	.02	.04	<2	.5	68	.5	.4	8.9	8
62077	.9	20.8	11.7	105.7	292	23	13	361	3.10	2.1	<5	3	15	.28	.3	.1	72	.13	.258	9	43	.34	169	.16	<3	3.79	.02	.05	<2	.5	33	.3	.2	9.3	5
62078	.8	34.0	31.1	119.0	570	26	11	500	3.03	1.9	<5	3	19	.94	1.0	.6	78	.20	.241	8	53	.46	139	.16	<3	2.55	.02	.05	<2	.4	52	.3	.3	8.6	5
62079	1.4	30.2	11.0	350.5	584	26	12	295	3.27	1.5	<5	3	14	1.60	.4	.2	63	.14	.213	9	55	.44	115	.19	<3	3.78	.02	.06	<2	.4	66	.3	1.0	10.2	7
62080	1.5	34.4	9.4	87.9	571	20	11	474	2.91	1.2	<5	2	38	.53	<.2	.2	67	.47	.178	18	40	.46	115	.13	<3	3.01	.02	.07	<2	.4	54	<.3	.2	9.5	6
62081	1.7	26.9	13.8	112.2	346	19	12	874	2.99	3.1	6	2	39	.41	.3	.2	67	.46	.158	22	39	.42	136	.16	<3	3.40	.03	.08	<2	.2	38	.4	.3	10.7	4
62100	1.1	20.4	15.2	86.4	384	36	15	791	3.55	1.4	<5	4	15	.32	.4	.2	86	.16	.278	10	90	.53	106	.16	<3	3.22	.02	.04	<2	.4	76	.3	.4	9.7	49
RE 62100	1.2	20.4	16.2	85.5	385	35	15	848	3.44	1.9	<5	3	15	.33	.3	.1	83	.15	.278	10	87	.53	107	.16	<3	3.22	.02	.04	<2	.3	68	.3	.3	10.4	5
62101	1.1	25.6	9.3	73.4	248	25	12	375	3.42	2.3	<5	4	15	.18	.6	.1	89	.18	.241	14	69	.40	89	.15	<3	4.07	.02	.05	<2	.3	70	.5	.2	8.8	9
62102	1.1	24.2	10.8	79.7	188	20	9	434	3.08	2.6	<5	3	14	.26	.6	.2	76	.14	.259	11	49	.38	118	.16	<3	4.72	.02	.04	2	<.2	84	.5	.2	9.8	4
62103	.7	17.9	6.9	55.2	151	19	10	277	3.33	1.1	<5	5	29	.14	<.2	.1	96	.46	.390	34	81	.32	97	.12	<3	2.54	.02	.03	<2	<.2	41	<.3	<.2	7.0	10
62104	1.0	29.8	8.1	69.4	254	36	12	311	3.33	.7	<5	3	26	.41	.2	.1	92	.33	.185	21	84	.60	132	.12	<3	3.24	.02	.06	<2	<.2	47	.4	.2	7.3	5
62105	.9	18.9	8.9	53.1	251	19	7	334	2.82	1.9	<5	3	14	.22	.4	.1	72	.15	.184	13	49	.33	92	.15	<3	3.53	.02	.04	<2	.2	81	.4	.2	8.6	18
62106	.9	18.5	7.4	56.1	181	18	8	505	2.64	1.2	<5	3	14	.13	<.2	.1	67	.17	.301	15	51	.30	96	.14	<3	3.24	.02	.04	<2	.2	46	.3	.2	8.5	9
62107	1.1	23.5	9.7	74.5	217	17	7	272	2.42	1.7	<5	2	13	.16	.4	.2	53	.16	.318	9	36	.35	101	.13	<3	2.82	.02	.02	<2	<.2	75	.3	.4	9.1	4
62108	2.4	28.4	6.6	36.3	152	22	7	244	2.96	2.2	<5	2	42	.09	<.2	<.1	90	.44	.115	26	65	.61	85	.14	<3	1.60	.02	.05	<2	<.2	18	<.3	.2	6.5	6
62109	1.1	15.0	22.8	58.1	208	13	7	370	2.46	2.0	<5	<2	27	.44	.8	.1	64	.34	.195	19	46	.29	88	.11	<3	1.68	.01	.04	<2	.2	50	<.3	.3	6.6	8
62110	1.8	14.2	10.1	38.1	408	9	4	104	2.62	1.5	<5	2	13	.27	.3	.1	49	.11	.072	11	26	.17	89	.15	<3	3.96	.02	.01	<2	<.2	97	.4	<.2	10.2	8
62111	.9	21.4	9.4	45.0	79	21	9	263	2.88	2.3	<5	4	42	.22	<.2	.1	85	.52	.210	32	65	.52	113	.12	<3	1.78	.02	.06	<2	<.2	26	<.3	<.2	6.2	12
62112	1.6	70.4	10.5	96.7	635	23	9	193	2.92	3.4	<5	<2	16	1.11	<.2	<.1	62	.15	.092	18	40	.35	79	.14	<3	2.98	.02	.04	<2	<.2	74	.5	.2	9.7	10
62113	1.8	39.3	12.3	96.8	691	56	14	1123	3.18	2.8	<5	<2	29	.91	.4	.2	85	.37	.079	19	57	.54	89	.17	<3	2.40	.02	.06	<2	<.2	33	.8	.3	9.2	6
62114	.7	18.7	9.5	81.7	313	21	10	809	2.96	1.7	<5	<2	28	.27	.2	.1	77	.31	.242	16	55	.45	204	.12	<3	1.70	.02	.04	<2	<.2	26	<.3	.4	8.2	3
62115	1.4	22.0	10.5	77.3	472	24	10	742	2.98	2.4	<5	<2	32	.34	.3	.2	70	.33	.307	13	49	.46	186	.14	<3	2.68	.02	.04	<2	<.2	56	<.3	.4	8.9	5
62116	1.4	32.1	11.3	54.2	364	28	9	340	2.84	2.8	<5	3	44	.26	.3	.1	84	.51	.151	29	61	.62	125	.16	<3	1.95	.02	.06	<2	<.2	28	<.3	.2	7.0	16
62117	.9	21.2	13.8	88.8	389	23	8	518	3.11	4.1	<5	2	26	.32	.3	.1	80	.28	.255	14	57	.48	122	.16	<3	2.16	.02	.07	<2	<.2	43	<.3	<.2	9.1	6
62118	1.6	19.2	13.3	81.2	265	23	11	971	3.21	1.6	<5	2	25	.33	.3	.2	82	.26	.066	17	48	.56	143	.19	<3	2.10	.02	.05	<2	<.2	23	<.3	.2	9.6	4
STANDARD	25.2	131.2	101.6	265.5	1921	31	17	1030	4.59	72.2	21	20	61	2.09	7.7	21.3	78	.69	.114	17	57	1.21	263	.13	23	2.54	.05	.72	20	2.2	452	.5	2.7	6.6	50

Standard is STANDARD D2/HG-500/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Hg %	Ba ppm	Tl %	B ppm	Al %	Na %	K %	W ppm	Ti ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
62119	1.1	17.4	20.2	72.2	256	14	8	390	2.94	4.8	6	4	22	.68	1.3	.3	88	.21	.102	10	39	.43	139	.18	3	1.30	.01	.06	2	<.2	20	<.3	.4	10.0	3
62120	1.1	24.2	11.7	73.0	265	17	8	365	3.00	3.2	<5	4	8	.31	.5	.2	58	.07	.180	8	25	.27	95	.17	<3	5.14	.01	.03	<2	<.2	118	.4	.2	10.5	2
62121	1.0	23.8	10.2	58.1	216	18	8	333	2.47	2.2	<5	2	23	.20	1.0	.2	56	.30	.137	8	29	.31	134	.15	<3	3.06	.01	.04	<2	<.2	41	<.3	.3	8.7	4
62122	1.2	42.0	11.2	98.5	198	40	13	391	3.85	5.4	<5	<2	27	.38	.6	.2	92	.26	.032	7	126	1.52	98	.27	<3	2.67	.02	.06	<2	<.2	54	<.3	.2	11.3	3
62123	1.7	38.0	13.0	78.9	422	22	14	540	2.91	3.2	<5	<2	16	.24	.5	.3	70	.16	.085	13	29	.45	120	.23	<3	3.50	.02	.04	<2	<.2	75	.3	.3	13.2	8
62124	1.4	24.0	10.9	62.8	182	15	6	244	2.76	2.7	<5	2	13	.46	.9	.2	73	.13	.087	8	38	.45	82	.16	<3	1.93	.01	.03	<2	<.2	47	<.3	.2	9.0	6
62125	1.3	26.9	11.9	78.7	269	20	8	307	2.89	4.0	<5	2	14	.26	1.1	.2	70	.14	.079	7	41	.55	114	.18	<3	2.43	.01	.05	2	<.2	60	<.3	.2	9.6	4
62126	.9	18.7	10.1	84.7	211	15	8	400	2.78	3.0	<5	4	12	.15	.4	.2	60	.11	.195	8	22	.37	148	.19	<3	3.91	.02	.05	<2	<.2	73	<.3	.2	11.2	3
62127	1.1	27.7	11.2	95.8	605	23	10	363	2.93	4.5	<5	3	14	.38	.6	.2	64	.13	.102	8	34	.51	132	.19	<3	3.96	.02	.05	2	<.2	<10	.3	.3	10.8	2
62128	1.3	29.1	12.7	89.0	221	22	9	565	2.48	4.2	5	3	13	.25	.4	.3	56	.13	.177	8	29	.43	136	.18	<3	3.41	.02	.06	<2	<.2	26	<.3	.3	10.3	3
62129	1.7	19.5	16.3	93.3	206	14	10	972	2.88	9.2	<5	2	11	.49	1.3	.3	64	.13	.351	7	31	.34	92	.15	3	3.19	.02	.04	<2	<.2	66	.3	.4	10.0	4
62130	1.2	21.5	11.3	70.6	392	14	9	440	2.85	5.9	<5	4	8	.32	.8	.2	56	.07	.322	6	25	.27	78	.17	<3	4.35	.02	.04	2	<.2	84	<.3	.2	11.4	4
62131	1.6	20.8	10.0	53.4	282	16	9	182	2.75	4.2	<5	2	11	.23	.7	.2	52	.12	.119	5	24	.24	82	.18	<3	4.89	.02	.02	<2	<.2	70	.4	.2	10.8	3
62132	1.0	22.3	9.3	72.6	747	15	8	299	2.43	3.4	<5	2	11	.21	.3	.1	54	.09	.195	7	22	.28	115	.15	<3	4.00	.02	.03	<2	<.2	88	.4	.3	9.1	4
62133	1.1	11.9	8.2	60.9	349	13	8	180	2.44	2.6	<5	2	14	.14	<.2	.1	54	.11	.086	9	28	.26	110	.12	<3	3.01	.01	.02	<2	<.2	65	<.3	.2	7.4	27
62134	1.1	27.3	9.7	95.4	148	24	10	244	2.63	3.7	<5	3	16	.27	.5	.2	62	.16	.112	10	37	.49	110	.11	<3	3.08	.01	.04	<2	<.2	39	<.3	.3	6.7	9
62135	1.3	49.1	11.4	68.3	470	17	8	185	2.84	4.0	<5	3	17	.67	.3	.2	63	.14	.033	12	27	.31	95	.19	<3	2.83	.02	.02	<2	<.2	52	.4	.2	10.9	5
62136	1.1	21.6	8.9	115.3	258	18	12	205	2.87	1.9	<5	5	15	.36	.4	.2	64	.15	.059	9	30	.41	137	.15	<3	3.16	.01	.04	<2	<.2	50	<.3	.4	7.4	4
62137	2.7	37.0	6.6	54.0	156	27	12	275	3.54	4.5	8	<2	29	.15	.2	.1	94	.30	.057	21	48	.53	95	.10	<3	2.22	.01	.04	<2	<.2	25	.5	.3	6.8	16
62138	2.1	30.4	11.6	51.6	222	13	6	115	2.53	2.2	<5	4	14	.30	.3	.2	54	.10	.038	14	27	.26	128	.17	<3	3.00	.02	.03	<2	<.2	45	.4	<.2	10.3	5
62139	1.4	29.3	10.1	102.7	277	21	11	519	3.26	2.4	7	4	8	.39	.7	.2	74	.09	.193	5	30	.34	151	.20	<3	5.14	.01	.04	<2	<.2	89	.4	.3	10.4	226
RE 62139	1.5	29.5	9.5	103.1	216	20	11	493	3.20	3.4	<5	4	9	.40	.8	.2	75	.10	.187	5	31	.34	148	.21	<3	5.04	.02	.04	<2	<.2	80	.5	.4	10.9	6
62140	1.4	24.3	11.8	76.6	438	17	9	194	2.77	4.2	<5	2	12	.37	.6	.3	56	.09	.128	5	24	.28	126	.19	4	4.92	.02	.03	<2	<.2	65	.3	.3	11.5	8
62141	.9	20.0	10.0	70.3	284	14	7	451	2.34	3.2	<5	2	16	.17	.2	.2	47	.11	.442	5	18	.25	209	.18	<3	4.19	.02	.02	<2	<.2	47	.3	.3	10.6	4
62142	.8	19.6	8.0	67.5	194	16	8	248	2.55	2.9	<5	3	17	.25	1.0	.1	60	.18	.145	8	30	.31	119	.13	<3	2.68	.01	.02	<2	<.2	51	.3	.3	7.6	18
62143	1.0	17.3	26.9	80.7	256	15	7	1623	2.37	2.4	<5	2	15	.49	.8	.2	55	.16	.202	7	27	.28	166	.13	<3	2.81	.01	.02	<2	<.2	61	<.3	.2	7.7	51
62144	1.4	36.9	10.3	54.2	233	16	7	194	2.45	2.9	<5	4	12	.18	.2	.1	56	.08	.145	12	24	.34	103	.19	<3	4.50	.02	.04	2	<.2	80	.4	.2	10.8	6
62145	1.2	23.3	13.5	85.2	256	17	11	749	2.70	4.3	<5	4	13	.47	1.2	.2	61	.12	.173	7	29	.34	96	.16	<3	3.09	.02	.04	3	<.2	70	.3	.3	9.2	9
62146	1.4	33.8	9.9	93.2	419	20	11	959	2.45	3.2	<5	4	12	.21	.5	.2	54	.09	.117	8	23	.31	138	.17	<3	3.68	.02	.03	2	<.2	83	.4	.4	10.1	5
62147	1.3	75.5	12.8	79.1	690	41	24	233	2.65	4.1	<5	3	14	.38	.8	.2	57	.11	.074	8	34	.37	97	.19	<3	4.20	.02	.04	<2	<.2	64	.3	.3	9.3	4
62148	1.1	39.1	9.0	77.0	426	25	9	385	2.77	2.9	<5	3	11	.15	.3	.2	69	.10	.143	8	36	.44	126	.18	<3	3.97	.02	.02	<2	<.2	41	.3	.2	8.9	11
62149	1.1	29.4	9.7	66.4	449	20	9	306	2.91	4.6	<5	3	20	.26	.2	.2	74	.16	.105	9	37	.41	181	.17	<3	2.87	.02	.02	2	<.2	45	.3	.2	8.8	12
62150	1.1	27.3	14.1	84.2	258	22	10	346	2.98	5.0	<5	4	16	.42	1.4	.3	71	.14	.161	9	38	.49	136	.17	<3	3.45	.02	.05	<2	<.2	46	.3	.3	9.4	4
62151	.9	34.9	11.2	107.0	337	26	10	671	3.11	3.2	<5	5	19	.38	.4	.2	75	.18	.230	11	41	.61	215	.19	<3	3.47	.02	.05	2	<.2	36	<.3	.3	9.1	6
STANDARD	25.0	133.6	101.0	267.8	2153	32	17	1033	4.55	70.6	23	19	61	2.12	7.7	22.1	78	.69	.115	17	58	1.24	263	.14	26	2.53	.05	.73	22	2.3	436	.3	2.7	7.5	50

Standard is STANDARD 02/HG-500/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

RT/114  
0255199 01 1711 P27  
604 253 1716 10 613520  
JUN 13 '99 12:27 P K HOME LABS

17181718

02759191 U 6813920

JUN 13 '97 12:27 FR ACME LABS



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Tl	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
	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																																				
62152	1.7	18.8	11.7	60.8	378	12	7	343	2.23	3.9	<5	2	14	.37	.4	.2	55	.16	.068	6	21	.22	63	.15	<3	2.56	.02	.04	<2	<.2	33	.3	<.2	10.3	7																																					
62153	1.5	25.7	10.2	72.1	318	19	11	376	3.09	3.5	<5	4	18	.30	.3	.2	74	.17	.052	8	30	.51	135	.17	<3	3.21	.02	.03	<2	<.2	25	<.3	.2	9.6	6																																					
62154	1.6	28.6	13.2	162.4	351	18	11	1268	3.17	5.5	<5	6	26	.42	.4	.3	69	.34	.106	19	22	.52	104	.19	3	3.64	.02	.07	<2	<.2	37	.3	.4	9.4	5																																					
62155	1.1	26.7	16.4	83.5	255	18	10	709	2.98	6.9	<5	5	19	.40	.9	.2	66	.23	.267	9	27	.52	113	.15	3	3.52	.02	.05	<2	<.2	59	.3	.3	9.7	4																																					
62156	2.1	26.8	12.0	76.4	482	16	9	982	2.83	5.1	<5	4	25	.34	.3	.2	69	.35	.101	20	30	.38	73	.17	<3	3.17	.02	.04	<2	<.2	47	.4	<.2	9.5	5																																					
RE 62156	2.2	28.4	13.4	78.9	546	17	10	1034	2.94	4.6	<5	4	26	.37	.4	.3	72	.36	.104	20	31	.39	77	.18	<3	3.26	.02	.05	<2	<.2	42	.5	.3	10.2	9																																					
62157	1.2	21.5	10.4	70.1	215	12	7	280	2.50	6.5	<5	3	9	.37	.8	.2	54	.07	.215	7	25	.21	83	.14	<3	4.05	.02	.02	<2	<.2	46	.3	.2	8.9	4																																					
62158	.9	17.4	9.0	71.5	413	14	9	300	3.10	6.0	<5	5	14	.18	.4	.1	78	.17	.225	11	38	.29	86	.09	<3	2.34	.01	.02	<2	<.2	41	.3	.2	6.5	7																																					

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



GEOCHEMICAL ANALYSIS CERTIFICATE



Phelps Dodge Corp. PROJECT 214 File # 97-4248 Page 1  
1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Stephen Wetherup

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
61259	2	37	7	113	<.5	129	30	1274	6.47	<5	<10	<4	3	372	.5	<5	7	234	5.50	.109	13	267	4.40	568	.53	6.76	1.80	1.08	<4	12	<2	20	3	<1	20	5
61260	12	47	6	63	<.5	3	3	1081	4.31	<5	<10	<4	2	278	.4	<5	<5	101	3.74	.068	15	17	1.56	413	.41	7.58	3.15	.49	<4	10	<2	30	4	<1	19	4
61261	4	27	5	81	.6	3	4	1189	4.32	<5	<10	<4	3	457	<.4	<5	6	99	4.02	.112	19	14	1.52	495	.43	8.03	3.19	.62	<4	11	2	30	5	<1	16	2
61262	<2	230	26	174	.9	60	54	1639	11.41	<5	<10	<4	3	477	.6	<5	<5	328	3.19	.144	11	121	3.64	57	.49	7.18	2.51	1.47	<4	7	<2	16	<2	<1	28	11
61263	7	150	7	30	<.5	13	9	401	3.09	<5	<10	<4	4	341	<.4	<5	5	123	5.42	.065	19	43	1.40	353	.33	6.59	1.39	.61	5	12	<2	26	5	<1	14	4
61264	3	115	6	28	<.5	13	8	330	3.22	6	<10	<4	4	342	<.4	<5	<5	146	3.63	.056	16	54	1.32	855	.25	5.77	1.50	1.16	5	12	<2	19	6	<1	12	5
61265	3	7426	<5	74	4.2	50	610	1021	33.47	<5	<10	<4	5	162	<.4	<5	<5	108	3.48	.124	9	27	.84	30	.11	2.76	.47	.17	<4	14	2	14	<2	<1	4	30
61275	15	33	<5	3	<.5	5	2	35	.97	<5	<10	<4	<2	5	<.4	<5	<5	2	.05	.003	<2	38	.01	61	.01	.12	.06	.06	6	<2	<2	<2	<1	<1	3	
61276	<2	94	5	42	<.5	9	8	826	2.97	<5	<10	<4	2	406	<.4	<5	<5	132	6.36	.073	15	33	1.90	865	.44	7.56	2.02	1.26	6	11	<2	31	6	<1	17	2
61277	2	51	5	44	<.5	5	5	722	3.20	<5	<10	<4	4	584	<.4	<5	<5	209	5.16	.092	19	36	1.83	865	.55	7.77	2.36	1.32	<4	15	<2	27	7	<1	19	1
RE 61277	3	50	<5	41	.5	6	5	696	3.13	<5	<10	<4	4	570	<.4	<5	<5	206	5.02	.091	20	24	1.78	843	.54	7.63	2.32	1.28	5	15	<2	27	7	<1	19	1
61278	2	714	7	53	1.0	135	60	1265	18.80	<5	<10	<4	5	133	<.4	<5	<5	151	4.37	.077	23	68	.95	98	.15	2.82	.27	.36	6	11	<2	15	3	<1	5	10
61279	2	81	18	41	.8	33	8	280	3.06	11	<10	<4	4	255	<.4	<5	<5	79	.52	.045	14	48	.83	402	.18	4.58	1.13	.92	5	4	<2	6	6	<1	6	4
62600	<2	52	13	75	.7	35	13	609	4.39	<5	<10	<4	9	497	.5	<5	<5	139	2.57	.091	23	64	1.89	257	.37	8.08	2.49	1.43	5	10	<2	14	7	<1	11	5
62601	2	40	12	61	<.5	46	2	470	4.78	<5	<10	<4	7	399	<.4	<5	<5	159	1.69	.078	13	124	2.64	974	.30	7.44	1.93	1.90	<4	9	<2	6	5	<1	10	4
62602	<2	99	22	102	.6	115	33	1900	6.65	<5	<10	<4	2	351	.4	<5	<5	237	8.21	.101	13	288	5.82	289	.40	7.73	1.33	.80	<4	13	<2	14	2	<1	24	3
62603	<2	386	59	1116	1.8	46	24	2524	14.52	<5	<10	<4	3	264	9.0	9	<5	408	6.33	.096	13	82	3.43	211	.50	5.97	1.10	.77	<4	12	2	17	2	<1	18	26
62604	<2	68	30	202	.7	75	28	1753	7.29	<5	<10	<4	2	465	.8	7	<5	297	7.30	.108	14	241	4.15	438	.55	7.40	2.11	.83	<4	12	<2	22	3	<1	27	3
62605	<2	26	7	90	<.5	26	30	897	6.52	<5	<10	<4	2	383	.5	20	<5	229	2.10	.112	11	81	1.16	681	.38	8.60	4.20	1.74	11	5	<2	10	<2	<1	19	8
62606	<2	14	<5	36	<.5	7	3	253	1.95	<5	<10	<4	2	74	<.4	<5	<5	73	1.10	.046	9	35	.48	929	.14	2.81	.41	.84	5	7	<2	8	5	<1	5	1
62607	2	241	2077	6944	5.4	21	20	2417	6.00	5	<10	<4	4	234	89.8	<5	<5	198	4.67	.099	12	38	2.74	77	.41	7.84	.72	3.36	<4	5	<2	18	2	<1	14	40
62608	<2	92	<5	97	<.5	236	43	1221	5.78	<5	<10	<4	<2	444	.6	<5	<5	182	7.88	.078	11	441	6.83	301	.31	7.53	1.18	.82	<4	15	<2	13	2	<1	18	7
62609	<2	38	26	104	.7	7	12	1152	4.18	<5	<10	<4	4	468	.7	10	<5	152	3.75	.118	15	10	1.45	642	.34	8.92	3.07	1.88	<4	7	<2	17	4	<1	7	19
62610	2	24	17	91	.9	22	17	1208	4.66	<5	<10	<4	3	474	.5	<5	<5	197	5.46	.135	15	57	2.04	1104	.42	8.06	2.68	3.49	<4	12	<2	17	3	<1	17	13
62611	3	24	7	28	<.5	27	8	214	1.95	<5	<10	<4	2	110	<.4	<5	<5	64	.17	.056	8	41	.77	442	.13	3.56	1.04	.98	<4	11	<2	4	5	<1	5	1
62612	<2	15	<5	62	.5	15	9	945	5.64	5	<10	<4	2	543	.4	8	<5	214	4.30	.114	14	69	2.35	1504	.44	8.12	3.20	2.18	5	11	<2	18	5	<1	17	7
62613	<2	281	<5	93	.8	35	47	1434	8.93	<5	<10	<4	2	550	.7	5	<5	310	5.73	.135	16	118	3.93	87	.51	6.88	2.05	1.40	15	10	<2	17	4	<1	27	8
62614	7	49	10	67	<.5	27	10	1284	8.91	5	<10	<4	2	651	.5	<5	<5	250	7.17	.108	13	100	3.15	693	.33	6.54	1.47	1.64	440	14	2	12	2	<1	18	7
62615	2	23	<5	73	<.5	10	24	849	6.00	<5	<10	<4	2	412	<.4	<5	<5	236	3.93	.106	13	48	2.65	164	.46	8.22	2.40	2.75	<4	7	<2	18	2	<1	20	11
62616	<2	75	62	117	.9	46	13	1119	5.98	32	<10	<4	3	726	1.7	7	<5	259	2.97	.119	12	230	3.54	430	.49	8.10	3.93	.92	4	7	<2	20	2	<1	22	10
62617	<2	117	<5	67	<.5	221	37	1108	6.46	<5	<10	<4	2	404	<.4	<5	<5	166	6.71	.073	9	595	6.36	264	.28	7.27	1.78	.75	<4	15	<2	12	2	<1	18	8
62618	14	436	5	51	.6	6	22	822	5.89	<5	12	<4	3	390	<.4	<5	<5	99	2.64	.052	11	13	1.33	223	.37	7.34	3.29	1.84	<4	11	<2	29	2	<1	20	17
62625	<2	88	9	86	.5	35	27	958	6.00	<5	<10	<4	3	594	.5	<5	<5	236	3.73	.094	12	50	2.98	317	.41	8.39	3.08	1.63	<4	5	<2	15	2	<1	19	11
62626	<2	4	14	45	.6	3	3	649	1.79	<5	<10	<4	9	801	.4	<5	<5	67	1.93	.066	23	8	.43	1758	.17	7.82	2.79	2.35	5	10	<2	11	10	1	3	1
STANDARD	25	64	38	176	5.4	37	13	905	4.09	56	18	<4	27	229	22.6	23	22	129	1.65	.103	28	253	.98	1035	.39	7.28	1.77	1.88	29	50	19	15	21	4	9	452

Standard is STANDARD CT3/AU-R.

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HClO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HClO4 FUMING.

- SAMPLE TYPE: ROCK AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

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

DATE RECEIVED: AUG 11 1997 DATE REPORT MAILED: *Aug 25/97* SIGNED BY: *C. Leong* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	Au*	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
62627	3	4	11	35	.9	2	<2	208	.78	11	<10	<4	<2	15	<.4	<5	<5	8	.02	.013	3	9	.06	899	.02	1.26	.02	.53	7	3	<2	2	<2	<1	<1	600	
62628	<2	13	5	10	<.5	2	2	40	.63	6	<10	<4	<2	10	<.4	<5	<5	3	.01	.008	3	15	.01	71	.01	.43	.13	.16	6	<2	<2	<2	<2	<1	<1	3	
62629	<2	11	<5	6	<.5	3	<2	41	.25	<5	<10	<4	<2	13	<.4	<5	<5	3	.02	.003	<2	7	.02	67	.01	.70	.23	.22	4	<2	<2	<2	<2	<1	<1	1	
62630	11	34	12	97	<.5	51	12	1783	6.46	<5	<10	<4	3	315	.8	<5	8	212	9.40	.088	12	325	4.76	316	.36	5.72	1.31	.62	14	11	<2	15	<2	1	26	2	
RE 62630	12	34	8	98	.9	53	13	1857	6.65	6	<10	<4	3	326	.7	7	<5	219	9.71	.090	15	341	4.90	325	.38	5.94	1.35	.62	17	11	3	16	2	1	27	<1	

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



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE



Phelps Dodge Corp. PROJECT 214 File # 97-5481  
 1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Greg Kulfa

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	ppb
55151	1.2	16.9	2.2	22.9	<30	34	8	148	.93	4.4	6	<2	198	.16	.9	<.1	46	2.32	.086	3	58	.28	158	.14	<3	1.25	.04	.07	3	<.2	<10	<.3	<.2	4.0	7
55152	3.1	480.4	2.6	24.7	521	30	32	284	4.50	16.5	9	<2	65	.11	1.0	.1	53	1.37	.115	5	15	.36	29	.12	4	1.42	.18	.08	4	.2	32	3.3	.3	4.1	4
55153	2.8	151.0	2.4	16.2	238	31	43	186	3.53	7.8	7	<2	28	.09	.4	.1	39	.63	.089	3	27	.48	18	.10	<3	.80	.08	.08	2	.2	<10	3.0	.4	2.1	14
55154	1.0	6.6	4.8	42.0	<30	5	4	622	2.15	1.1	6	9	95	.03	<.2	<.1	52	.48	.067	17	13	.45	58	.06	4	.91	.05	.11	3	.2	<10	.4	<.2	4.4	6
RE 55154	1.2	6.0	4.8	42.0	<30	5	4	628	2.17	.9	<5	8	98	.01	<.2	<.1	52	.48	.068	18	17	.45	59	.06	4	.92	.05	.11	3	.2	<10	.3	<.2	4.4	6

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: SEP 18 1997 DATE REPORT MAILED: *Sept 29/97* SIGNED BY: *C. Long* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 214 File # 97-5482 Page 1  
 1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Greg 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
	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																																				
55149	5.5	55.7	11.2	66.7	268	30	18	310	3.11	9.9	<5	<2	23	.32	.2	.1	67	.21	.062	9	39	.54	200	.14	<3	2.63	.02	.07	<2	.2	74	.4	<2	8.9	58																																					
55150	8.9	137.0	11.8	59.5	366	35	22	367	2.89	10.5	<5	<2	24	.25	.3	.1	68	.24	.079	12	46	.65	138	.19	<3	2.69	.02	.13	<2	.2	73	.3	<2	8.6	415																																					
70000	4.2	30.1	17.5	21.9	445	13	4	147	1.17	2.2	8	<2	26	.36	.2	.1	27	.28	.075	20	21	.21	83	.08	<3	2.71	.02	.05	<2	<2	65	.6	<2	8.6	10																																					
70001	5.7	20.5	47.8	88.9	258	14	9	711	2.68	2.7	<5	<2	52	1.45	.9	.2	61	.75	.079	20	39	.32	157	.10	5	1.38	.02	.06	<2	<2	79	.5	<2	7.8	6																																					
70002	1.5	12.5	21.0	45.1	214	9	7	433	2.52	4.3	<5	2	11	.51	1.2	.2	57	.09	.148	6	31	.18	77	.10	3	2.96	.01	.03	<2	<2	114	.4	<2	9.3	2																																					
70003	12.5	27.1	22.2	52.2	582	12	6	450	2.38	1.8	<5	<2	25	.56	.5	.2	55	.30	.055	19	30	.28	92	.10	<3	2.38	.02	.05	<2	<2	81	.7	<2	12.0	2																																					
70004	2.9	13.5	21.2	52.6	271	13	6	190	2.93	3.6	<5	2	14	.45	.9	.2	65	.10	.062	9	38	.24	105	.12	<3	2.86	.01	.04	<2	<2	115	.4	<2	9.9	2																																					
70005	1.6	11.1	11.4	46.1	213	10	6	167	2.84	3.9	<5	3	12	.20	.2	.2	63	.08	.113	9	37	.20	83	.12	3	3.39	.01	.04	2	<2	114	.4	<2	9.7	1																																					
70006	1.3	14.7	30.2	54.3	202	13	7	374	2.59	5.2	<5	<2	17	.43	.8	.2	67	.13	.142	11	41	.28	82	.11	<3	2.46	.01	.05	<2	<2	90	.3	<2	8.4	4																																					
70007	2.3	12.2	14.7	48.2	152	12	5	159	3.04	2.9	<5	<2	18	.22	<2	.2	75	.11	.041	9	38	.28	68	.13	<3	1.87	.01	.04	<2	<2	56	<3	<2	9.7	3																																					
70008	2.9	17.1	12.7	37.1	124	11	5	119	3.26	5.5	<5	3	12	.57	.7	.2	78	.08	.038	10	49	.24	49	.15	3	3.32	.01	.04	<2	<2	135	.3	<2	11.1	5																																					
70009	1.7	13.7	21.1	61.6	198	12	6	160	3.24	3.9	<5	<2	14	.58	.8	.2	79	.13	.058	11	47	.31	87	.13	<3	2.72	.01	.05	2	<2	120	.4	<2	10.4	1																																					
70010	1.9	10.4	20.9	36.8	163	6	3	113	2.28	6.2	<5	2	6	.56	1.0	.2	49	.05	.087	5	19	.12	46	.13	3	3.55	.01	.03	<2	<2	102	.8	<2	14.7	5																																					
70011	2.2	18.5	23.2	47.0	313	8	6	391	2.26	7.1	<5	2	7	.26	1.2	.3	49	.05	.155	7	21	.14	64	.15	<3	4.44	.02	.04	<2	.2	85	.6	<2	16.8	3																																					
70012	1.5	11.9	24.9	28.5	265	5	3	110	2.23	7.2	<5	<2	5	.68	1.6	.2	45	.04	.139	4	14	.07	39	.13	<3	4.92	.02	.03	<2	<2	143	.6	<2	12.1	<1																																					
RE 70012	1.4	11.8	23.0	27.5	263	5	3	112	2.16	6.0	<5	2	5	.72	1.4	.2	43	.04	.135	4	11	.07	38	.13	<3	4.79	.02	.03	<2	<2	146	.6	<2	12.1	5																																					
70013	3.9	28.1	23.8	62.1	311	10	7	524	2.50	2.5	<5	<2	18	.60	.7	.2	63	.17	.077	27	24	.22	112	.15	4	3.23	.02	.05	<2	<2	72	.5	<2	12.9	3																																					
70014	2.4	23.1	22.9	150.9	162	19	11	921	3.16	3.4	7	<2	17	.58	.6	.3	65	.17	.162	14	40	.37	292	.16	<3	3.47	.02	.06	<2	.2	70	.3	<2	13.3	2																																					
70015	4.5	29.9	36.0	102.6	235	20	12	1748	3.04	4.9	8	<2	35	1.02	1.1	.3	71	.43	.099	24	46	.47	236	.14	<3	2.73	.02	.08	<2	.2	77	.3	<2	12.4	2																																					
70016	2.0	14.3	52.0	87.2	244	11	8	822	2.55	5.6	<5	<2	12	.91	1.3	.4	58	.10	.090	9	29	.22	134	.13	<3	2.08	.02	.06	<2	<2	67	.3	<2	11.1	<1																																					
70017	2.6	16.9	54.3	75.2	307	10	8	872	2.19	4.2	7	<2	54	1.46	1.0	.2	49	.56	.082	18	31	.26	221	.13	3	1.89	.02	.05	<2	<2	69	.3	<2	10.6	3																																					
70018	1.2	13.6	26.0	65.7	264	11	7	493	2.51	4.3	<5	<2	33	.53	.7	.2	57	.35	.085	11	26	.25	160	.13	<3	2.65	.02	.06	<2	<2	81	.3	<2	10.4	<1																																					
70019	1.8	16.2	28.3	69.1	153	13	8	546	2.37	3.5	6	<2	45	.49	.6	.1	57	.43	.104	19	34	.33	168	.11	<3	2.32	.02	.07	<2	<2	71	.3	<2	8.7	3																																					
70020	2.0	15.5	36.7	93.3	153	14	9	695	2.56	3.8	<5	<2	33	.66	.9	.2	56	.33	.110	16	34	.34	181	.11	3	2.06	.02	.06	<2	<2	63	.3	<2	9.4	4																																					
70021	1.7	15.7	18.8	61.2	207	13	8	469	2.38	2.8	<5	<2	42	.39	.3	.1	59	.44	.104	20	40	.38	173	.09	<3	1.50	.02	.09	2	<2	48	<3	<2	6.8	8																																					
70022	3.3	18.2	33.6	77.8	185	10	6	271	2.60	6.9	12	<2	61	.71	1.2	.3	60	.56	.046	9	26	.25	353	.13	<3	1.24	.02	.08	<2	<2	48	<3	<2	11.7	<1																																					
70023	4.0	23.6	39.2	79.2	873	17	9	1212	2.25	4.2	28	<2	143	2.58	1.0	.2	50	1.23	.081	42	50	.43	745	.07	3	2.32	.02	.07	<2	<2	86	.5	<2	9.6	3																																					
70024	3.3	24.8	65.4	94.4	330	15	10	1415	2.24	3.5	12	<2	92	1.47	1.6	.2	56	.91	.101	30	36	.36	458	.10	4	1.83	.04	.10	<2	<2	56	<3	<2	10.2	3																																					
70025	.9	11.0	65.6	71.5	170	11	7	665	2.08	4.7	<5	<2	26	1.05	1.9	.2	51	.25	.094	9	26	.27	172	.11	4	1.93	.02	.05	<2	<2	94	<3	<2	8.3	3																																					
70026	.3	22.1	8.1	30.5	<30	17	8	231	2.55	3.8	<5	<2	25	.13	<2	.1	74	.40	.156	25	59	.41	124	.09	<3	1.50	.02	.09	<2	<2	32	<3	<2	4.3	6																																					
70027	1.7	15.9	48.9	94.6	196	17	12	838	2.47	4.7	6	<2	32	.89	1.2	.2	58	.30	.093	17	38	.38	199	.13	3	2.39	.02	.09	<2	<2	83	<3	<2	9.8	5																																					
70028	1.8	18.4	35.5	108.0	191	18	13	1295	2.71	4.8	<5	<2	45	.83	.8	.2	62	.38	.129	20	36	.42	289	.13	3	2.57	.02	.08	<2	<2	65	<3	<2	10.8	13																																					
70029	1.0	14.3	59.3	101.3	137	18	10	939	2.58	2.3	<5	<2	29	.88	1.5	.2	62	.28	.145	12	36	.41	190	.12	<3	2.44	.02	.07	<2	<2	82	.3	<2	10.1	14																																					
70030	1.6	21.5	27.1	87.7	310	22	16	1162	3.09	5.7	<5	<2	35	.50	.5	.2	76	.32	.100	20	50	.50	208	.20	<3	2.41	.02	.10	<2	<2	57	.3	<2	12.2	72																																					
STANDARD	26.1	121.5	100.9	243.5	2031	30	18	1017	4.09	58.7	19	17	54	2.17	9.1	21.0	70	.70	.106	15	53	1.07	243	.11	25	2.18	.04	.66	15	2.8	1047	.6	2.0	8.6	45																																					

Standard is STANDARD D2/C3/AU-S.

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 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: SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 18 1997 DATE REPORT MAILED: *Sept 26/97* SIGNED BY: *D. Toye*...D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
70031	2.1	25.6	10.5	68.0	418	19	10	473	3.02	5.0	<5	<2	21	.40	.6	.1	74	.20	.293	11	52	.36	102	.10	<3	3.13	.01	.06	<2	<2	115	.5	<2	8.1	1
70032	1.5	16.8	11.6	63.0	337	14	9	458	2.42	6.1	<5	<2	10	.61	1.6	.1	55	.07	.196	8	29	.26	69	.13	3	4.26	.02	.04	<2	<2	95	.6	<2	8.4	13
70033	1.0	22.6	17.7	75.1	327	19	10	540	3.04	5.3	<5	<2	16	.44	.7	.2	86	.14	.154	9	45	.42	100	.14	<3	2.45	.02	.08	<2	<2	81	<.3	<2	8.9	3
70034	1.3	15.0	16.2	69.3	188	18	9	327	3.34	4.8	<5	2	16	.26	.4	.3	88	.14	.118	9	48	.40	86	.14	3	2.26	.01	.05	<2	<2	61	<.3	<2	10.8	<1
70035	1.4	18.8	35.1	71.5	312	19	9	341	3.35	4.6	6	2	18	.36	.5	.2	88	.17	.187	13	59	.40	75	.12	4	2.77	.01	.06	<2	<2	81	<.3	<2	8.3	2
70036	1.0	10.6	19.9	54.8	170	12	6	373	2.76	6.4	7	<2	22	.36	.6	.2	81	.19	.108	9	40	.30	77	.14	<3	1.55	.01	.05	<2	<2	59	<.3	<2	9.4	2
70037	2.2	25.5	14.2	65.3	246	14	8	268	2.87	2.7	<5	<2	15	.43	.2	.2	70	.14	.155	12	36	.34	83	.11	4	3.12	.01	.06	<2	<2	78	<.3	<2	8.8	4
70038	6.0	37.1	17.8	37.9	383	22	8	227	2.18	2.5	8	<2	34	.42	1.0	.2	56	.45	.112	18	49	.40	82	.19	4	2.68	.03	.06	<2	<2	52	.4	<2	12.8	<1
70041	2.9	50.7	33.7	88.9	221	14	10	465	2.92	6.7	<5	<2	17	.57	1.5	.5	72	.21	.130	11	31	.26	128	.17	<3	2.14	.02	.06	<2	<2	48	<.3	<2	12.5	<1
70042	2.8	40.8	94.3	94.1	151	16	9	1226	2.41	13.5	<5	<2	25	1.71	3.1	.5	69	.26	.067	15	33	.40	154	.11	4	1.65	.02	.08	<2	<2	45	<.3	<2	7.7	3
70043	2.6	33.7	30.5	72.7	306	16	7	193	3.50	5.8	<5	2	10	.68	2.3	.3	85	.08	.118	8	35	.32	85	.21	<3	3.20	.01	.06	<2	<2	80	.4	<2	12.6	1
RE 70043	2.6	33.0	28.7	69.5	311	16	7	192	3.33	5.9	<5	3	10	.64	2.3	.3	81	.08	.114	8	34	.31	82	.20	<3	3.09	.01	.06	<2	<2	75	.4	<2	12.6	<1
70044	1.3	38.0	31.7	82.0	250	12	8	626	2.64	5.2	<5	2	9	.51	1.7	.2	63	.06	.150	9	20	.25	80	.14	3	3.36	.01	.06	<2	<2	120	.3	<2	9.0	<1
70045	1.6	33.3	43.4	79.4	301	12	7	378	2.84	10.4	<5	2	9	.68	2.6	.3	63	.08	.184	8	24	.22	78	.20	<3	3.10	.01	.06	<2	<2	72	.4	<2	11.8	5
70046	1.3	33.1	32.3	87.9	218	34	14	416	3.74	4.1	<5	5	166	.55	.8	.1	90	.93	.375	47	57	1.15	385	.23	<3	3.01	.03	.16	<2	<2	70	.3	<2	10.2	<1
70047	2.1	28.0	30.1	80.0	207	20	11	561	3.08	9.4	<5	<2	22	.61	1.4	.2	70	.19	.151	18	37	.50	125	.18	<3	2.13	.02	.09	<2	<2	74	.3	<2	10.3	<1
70048	2.7	20.6	26.5	59.0	322	12	10	351	2.49	3.6	10	<2	22	.54	.9	.2	57	.23	.096	10	26	.27	115	.14	3	1.90	.02	.06	<2	<2	65	<.3	<2	9.0	<1
70049	1.9	12.6	20.5	98.1	142	10	7	1555	2.30	4.8	<5	<2	13	.62	1.2	.2	48	.14	.185	6	20	.20	164	.14	4	2.22	.02	.05	<2	<2	73	<.3	<2	10.6	<1
70050	1.5	17.1	102.8	66.4	171	6	3	114	1.62	6.7	<5	<2	11	1.17	3.9	.5	52	.12	.033	7	23	.06	71	.08	5	.46	.01	.05	<2	<2	127	<.3	<2	4.8	<1
70051	3.8	70.1	25.3	68.4	735	17	10	1236	2.27	2.8	80	<2	112	1.30	.7	<.1	53	1.20	.118	71	55	.38	379	.06	4	2.52	.02	.07	<2	<2	83	2.0	<2	6.3	1
70052	2.6	37.1	43.1	127.5	382	21	10	357	2.29	3.1	19	<2	78	1.29	1.1	.2	60	.68	.093	26	51	.50	415	.11	<3	2.50	.03	.08	2	<2	106	.4	<2	6.2	1
70053	6.0	33.5	51.1	99.9	524	17	11	1061	2.72	6.1	23	<2	81	1.73	1.3	.2	64	.80	.086	31	48	.40	452	.10	<3	2.23	.02	.06	2	<2	81	.7	<2	9.1	<1
70054	4.6	27.0	135.9	131.5	384	13	10	3837	1.79	5.2	6	<2	153	4.65	1.8	.3	38	1.39	.100	43	24	.30	739	.06	4	1.67	.02	.08	<2	<2	86	.4	<2	5.4	1
70055	2.6	16.1	67.7	73.2	346	17	7	293	2.38	2.7	23	<2	71	1.38	1.6	.2	55	.59	.044	33	48	.41	410	.07	<3	2.41	.02	.06	<2	<2	109	.3	<2	4.3	7
70056	1.7	13.6	28.6	125.7	174	15	9	631	2.58	3.9	6	<2	27	.84	1.6	.2	57	.27	.237	10	29	.25	217	.13	<3	3.26	.02	.06	<2	<2	60	<.3	<2	6.5	1
70057	1.1	12.4	24.7	78.3	136	17	9	511	2.52	5.3	<5	<2	12	.50	1.4	.2	65	.10	.092	11	37	.36	104	.14	<3	2.44	.02	.07	<2	<2	58	<.3	<2	5.8	2
70058	.9	12.4	37.7	61.9	101	16	9	368	3.12	6.2	<5	<2	13	.47	1.9	.2	100	.17	.124	12	68	.33	78	.12	<3	1.90	.02	.06	<2	<2	64	<.3	<2	5.0	29
70059	1.3	25.3	19.6	81.5	296	12	8	940	2.97	5.5	<5	2	9	.45	.9	.2	62	.06	.160	10	21	.26	87	.12	<3	3.17	.01	.07	<2	<2	118	.3	<2	8.5	<1
70060	1.2	11.9	82.0	70.8	154	12	9	788	2.47	3.6	7	<2	86	1.09	1.8	.3	79	.82	.054	16	59	.28	398	.09	5	1.19	.02	.05	<2	<2	68	<.3	<2	4.6	1
70061	1.4	12.9	18.9	49.8	151	14	8	187	3.19	3.2	<5	<2	15	.46	.9	.2	90	.15	.062	14	52	.28	86	.13	<3	1.71	.01	.04	<2	<2	71	<.3	<2	6.5	<1
70062	2.3	20.5	36.0	40.2	421	9	5	147	1.55	2.9	10	<2	62	.88	1.1	.1	38	1.00	.091	23	18	.23	87	.04	3	1.60	.02	.06	<2	<2	83	1.1	<2	5.6	<1
70063	2.4	16.3	39.5	57.2	413	11	7	484	2.41	5.6	<5	<2	20	1.38	1.5	.2	57	.29	.058	12	26	.24	115	.09	<3	1.90	.02	.05	<2	<2	106	.3	<2	6.9	<1
70064	1.0	16.7	33.9	74.1	228	13	7	1174	2.71	4.9	<5	<2	34	.65	1.5	.2	75	.41	.141	8	37	.30	159	.11	6	1.48	.04	.14	<2	<2	48	<.3	<2	6.0	<1
70065	.9	22.8	12.2	88.8	157	25	13	671	3.11	3.5	<5	<2	15	.23	.7	.1	82	.16	.194	10	54	.75	79	.13	<3	2.38	.02	.07	<2	<2	63	<.3	<2	6.3	15
STANDARD	25.5	124.2	103.6	243.2	1974	31	18	974	4.03	67.8	19	15	56	2.05	9.0	22.2	72	.71	.107	15	55	1.09	245	.11	26	2.19	.04	.67	16	2.2	1086	.5	1.9	8.2	45

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.





SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
70066	1.4	22.3	31.0	59.8	249	18	10	336	2.56	4.6	<5	<2	29	.79	1.0	.1	72	.36	.065	14	45	.44	102	.12	<3	1.65	.02	.08	<2	.2	68	.4	<.2	7.4	1
70067	1.0	50.9	61.4	235.5	332	21	13	1204	2.57	8.0	6	<2	48	3.88	1.1	.1	70	.70	.117	23	49	.44	135	.10	<3	1.53	.02	.07	<2	<.2	55	.5	<.2	6.0	4
70068	1.0	23.1	10.6	95.2	102	20	10	279	3.02	5.2	<5	<2	27	.58	.2	.1	89	.33	.161	23	63	.40	60	.09	<3	1.60	.01	.06	<2	.2	37	<.3	<.2	5.5	8
70069	1.1	21.2	9.0	118.7	142	18	11	348	2.77	4.5	<5	<2	25	.42	.3	.1	75	.28	.150	17	40	.46	83	.10	<3	2.59	.02	.08	<2	.2	64	<.3	<.2	6.1	4
70070	1.2	14.0	82.9	60.9	515	11	6	246	2.48	7.0	<5	<2	20	1.09	1.4	.3	70	.18	.090	9	41	.24	86	.10	<3	.96	.02	.05	<2	<.2	46	<.3	<.2	9.3	42
70071	1.4	17.2	16.8	73.8	449	11	10	455	2.34	5.5	5	<2	15	.53	.6	.2	52	.15	.223	12	31	.23	71	.10	3	3.77	.02	.05	<2	<.2	110	.4	<.2	8.1	3
70072	1.2	31.4	10.0	48.8	141	20	10	277	2.95	5.3	<5	<2	26	.22	.2	<.1	86	.32	.132	22	58	.46	56	.10	<3	1.74	.02	.09	<2	<.2	37	.3	<.2	5.9	5
70073	1.1	20.4	16.2	71.2	252	16	11	917	3.06	4.9	<5	<2	23	.29	1.0	.2	81	.20	.089	10	40	.38	119	.14	<3	1.45	.02	.06	<2	<.2	43	<.3	<.2	8.7	4
70074	1.3	21.8	15.7	52.8	271	17	9	377	3.00	4.2	<5	<2	29	.32	.5	.1	79	.39	.085	19	44	.46	86	.13	<3	2.35	.02	.06	<2	<.2	63	<.3	<.2	7.6	3
70075	1.5	20.9	22.6	64.0	360	16	10	728	2.79	4.3	<5	<2	21	.38	.8	.2	68	.19	.093	17	37	.41	111	.11	<3	1.66	.02	.06	<2	<.2	59	<.3	<.2	8.3	3
70076	1.4	14.4	36.2	58.1	310	12	6	393	2.83	6.8	<5	<2	15	.54	1.5	.3	78	.11	.091	9	38	.29	69	.11	3	1.57	.02	.05	<2	<.2	50	<.3	<.2	8.9	13
70077	1.1	17.6	13.2	58.6	231	17	7	544	3.20	4.7	<5	2	18	.32	.6	.1	82	.16	.222	10	45	.43	99	.12	<3	1.61	.02	.08	<2	<.2	52	<.3	<.2	8.2	11
70078	1.0	22.1	30.9	67.8	167	23	8	928	3.31	7.2	<5	<2	18	.42	1.5	.3	88	.14	.124	11	61	.49	83	.12	<3	1.61	.02	.08	<2	<.2	49	<.3	<.2	7.4	6
70079	1.3	30.9	25.3	76.0	61	46	12	902	3.13	6.3	<5	<2	34	.82	1.0	.1	85	.49	.132	14	84	.76	98	.11	3	1.99	.02	.08	<2	<.2	50	<.3	<.2	6.7	<1
70080	1.2	37.6	17.0	66.7	120	65	15	484	2.98	5.6	<5	<2	20	.36	.8	.1	76	.17	.099	9	96	.89	100	.12	<3	2.27	.02	.07	<2	<.2	42	<.3	<.2	7.0	5
RE 70080	1.4	37.2	17.2	65.9	126	64	15	476	2.93	5.5	<5	2	20	.38	.9	.1	76	.17	.097	9	92	.88	97	.12	3	2.23	.02	.07	<2	<.2	57	<.3	<.2	7.5	8
70081	1.0	22.0	31.5	100.1	181	41	15	1569	3.57	6.4	<5	2	23	.54	1.0	.3	87	.21	.197	9	80	.70	120	.13	3	2.08	.02	.08	<2	.2	56	<.3	<.2	10.0	4
70082	1.1	30.7	14.0	91.8	309	41	14	915	3.20	5.9	<5	<2	27	.44	.5	.2	82	.33	.147	14	67	.68	101	.16	<3	2.62	.02	.08	<2	.2	42	<.3	<.2	9.0	5
70083	.7	7.6	92.7	36.9	232	3	1	38	.33	1.4	<5	<2	57	1.31	1.5	.1	7	.69	.073	15	4	.06	97	.01	3	.46	.02	.04	<2	<.2	119	.4	<.2	1.7	2
70084	1.9	6.1	116.0	35.4	76	1	1	74	.16	1.7	<5	<2	87	1.73	4.1	.3	3	1.25	.058	1	2	.05	59	.01	10	.11	.02	.09	<2	<.2	144	<.3	<.2	1.3	4
70085	1.4	10.7	25.6	29.9	60	7	4	112	2.19	14.8	<5	<2	13	.70	1.3	.2	71	.13	.039	6	31	.18	43	.13	3	.58	.02	.05	<2	<.2	33	<.3	<.2	6.5	1
70086	1.8	13.7	29.6	28.5	140	10	5	144	3.01	3.5	<5	<2	21	.30	1.1	.2	84	.18	.026	10	47	.23	106	.20	<3	1.14	.02	.05	<2	<.2	62	<.3	<.2	9.1	2
70087	1.2	21.6	14.8	81.3	130	11	7	896	2.65	5.7	<5	2	10	.46	1.2	.2	61	.07	.214	8	29	.28	80	.15	<3	3.78	.02	.06	<2	<.2	63	<.3	<.2	10.3	6
70088	3.3	39.1	42.7	66.5	486	16	12	1234	2.68	4.9	<5	<2	31	.90	.8	.2	76	.38	.085	19	42	.41	123	.19	3	2.19	.03	.07	<2	.2	75	<.3	<.2	9.6	5
70089	2.0	20.9	17.0	83.0	145	16	9	983	2.89	4.4	6	3	25	.39	.6	.1	66	.17	.341	8	34	.35	188	.19	5	3.11	.02	.06	<2	<.2	69	<.3	<.2	11.6	1
70090	1.3	37.7	27.3	100.5	232	21	10	527	2.68	5.0	<5	2	13	.49	1.3	.2	59	.12	.123	8	34	.37	102	.20	4	3.37	.02	.06	<2	<.2	53	<.3	<.2	11.4	4
70091	1.1	45.3	23.6	70.0	165	12	6	248	2.56	5.8	<5	2	13	.55	1.3	.2	61	.09	.141	9	26	.29	90	.12	<3	2.00	.01	.05	<2	<.2	60	<.3	<.2	9.4	3
70092	1.2	41.9	14.8	49.0	178	12	6	144	2.46	4.9	<5	2	8	.23	1.0	.1	53	.05	.151	6	17	.16	65	.21	<3	5.07	.02	.04	<2	<.2	114	.3	<.2	11.7	2
70093	.9	33.8	53.1	96.0	603	15	11	1611	3.13	14.3	<5	<2	25	.99	1.7	7.8	89	.20	.097	10	51	.58	180	.11	3	1.44	.02	.08	<2	<.2	29	<.3	<.2	7.1	7
70094	1.7	32.5	26.1	105.2	322	19	14	3600	2.53	9.6	<5	<2	26	1.41	1.3	.3	68	.25	.058	23	67	.67	296	.14	4	1.40	.02	.06	<2	<.2	43	<.3	<.2	6.8	3
70095	2.4	21.9	58.6	84.2	186	14	10	988	2.78	12.9	<5	<2	13	.57	1.5	.3	61	.10	.137	12	27	.34	114	.18	3	2.60	.02	.07	<2	<.2	67	<.3	<.2	10.8	3
70096	2.0	26.0	39.3	83.2	235	23	19	1189	3.16	7.1	<5	<2	23	.56	1.4	.3	75	.20	.074	19	59	.84	146	.23	3	2.24	.02	.10	<2	.2	43	<.3	<.2	11.6	5
70097	1.5	35.7	25.1	79.4	193	13	9	1749	2.54	5.9	<5	2	13	.56	1.3	.3	58	.10	.088	12	25	.29	202	.19	3	2.71	.02	.07	<2	.2	51	<.3	<.2	10.5	1
70098	1.2	110.1	18.4	113.4	208	19	13	1070	2.76	3.8	<5	<2	16	.31	1.5	.1	60	.13	.095	9	24	.36	136	.19	<3	3.34	.02	.08	<2	<.2	67	<.3	<.2	12.1	8
STANDARD	28.2	131.0	103.4	255.2	2021	32	18	1049	4.35	67.3	30	17	59	2.15	9.5	22.9	75	.70	.110	17	57	1.13	246	.12	26	2.33	.04	.70	16	2.8	1084	.3	2.0	7.6	43

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
70099	2.2	176.2	51.8	90.2	234	17	51	3655	2.51	7.9	<5	<2	18	2.31	1.4	<.1	63	.12	.115	24	29	.44	127	.07	8	2.53	.01	.10	<2	<.2	87	.6	<.2	8.1	1
70100	1.7	21.4	26.6	51.4	210	10	6	326	3.53	6.6	<5	<2	10	.43	1.4	.4	70	.06	.204	9	23	.29	57	.13	3	1.97	.01	.06	2	<.2	89	.3	<.2	13.3	1
70101	3.6	40.2	63.6	89.5	426	19	14	1863	3.30	5.8	15	<2	66	1.22	.9	.3	77	.71	.106	31	54	.52	173	.09	5	2.32	.02	.07	2	<.2	93	.5	<.2	9.0	9
70102	4.9	38.9	28.2	182.3	267	14	11	3442	2.71	8.2	15	<2	60	1.47	1.1	.2	54	.67	.101	24	31	.42	294	.08	4	1.78	.02	.07	<2	<.2	64	<.3	<.2	8.9	<1
70103	4.2	74.1	29.7	89.0	414	20	13	1331	3.34	3.5	<5	<2	45	.74	.9	.2	65	.49	.098	25	40	.50	166	.13	<3	2.70	.02	.07	<2	<.2	86	<.3	<.2	11.3	2
70104	4.3	56.6	21.2	78.8	314	16	15	854	3.30	5.5	<5	<2	19	.33	.8	.2	62	.18	.164	21	33	.44	145	.12	6	3.87	.01	.10	2	.2	126	.7	<.2	11.0	2
70105	1.1	14.8	29.1	50.3	103	7	4	223	2.93	3.6	<5	3	10	.24	.9	.3	62	.08	.138	8	32	.19	60	.10	7	1.47	.01	.04	<2	<.2	68	<.3	<.2	9.1	2
70106	1.0	17.1	25.4	86.0	147	14	7	638	3.01	8.0	<5	2	16	.58	1.5	.3	69	.18	.205	14	45	.37	89	.10	6	2.45	.01	.06	<2	<.2	116	.3	<.2	7.5	4
70107	1.1	15.0	45.6	70.0	273	10	5	363	2.65	8.8	<5	3	10	.54	1.9	.3	60	.07	.096	10	26	.28	67	.12	7	2.24	.01	.07	<2	<.2	83	.3	<.2	9.4	2
70108	.7	5.4	50.8	28.5	96	3	2	274	1.34	4.5	<5	<2	6	.64	2.4	.5	40	.06	.036	6	11	.06	44	.11	<3	.70	.01	.04	<2	<.2	27	<.3	<.2	6.2	2
70109	1.0	12.1	30.0	44.6	159	7	4	204	2.95	4.4	<5	2	7	.38	1.6	.3	69	.04	.084	9	27	.19	51	.13	5	1.97	.01	.05	<2	<.2	70	.3	<.2	13.4	2
70110	1.5	19.5	22.5	73.7	100	15	8	439	3.64	4.0	6	<2	18	.34	.9	.2	86	.21	.277	17	59	.39	108	.11	<3	2.08	.01	.07	<2	<.2	64	<.3	<.2	10.6	2
70111	2.1	19.8	42.9	62.8	166	19	10	460	3.49	4.2	<5	<2	42	.76	1.1	.2	102	.52	.134	29	78	.43	162	.11	<3	1.93	.02	.07	<2	<.2	91	.3	<.2	8.0	3
70112	2.6	15.3	52.8	89.5	225	16	10	445	3.18	5.8	18	<2	66	1.33	1.5	.3	71	.57	.054	23	47	.42	395	.10	3	2.23	.02	.07	<2	.2	84	<.3	<.2	9.0	13
RE 70112	2.7	14.1	54.1	81.9	200	15	9	416	2.95	5.4	10	<2	62	1.32	1.5	.3	67	.53	.049	21	46	.39	371	.09	<3	2.03	.02	.06	<2	<.2	70	<.3	<.2	8.7	1
70113	.7	15.8	15.4	54.2	157	14	8	359	2.64	2.8	<5	<2	30	.39	.3	.1	73	.43	.216	23	52	.28	66	.07	<3	1.56	.02	.05	<2	<.2	35	<.3	<.2	5.5	3
70114	2.1	24.8	29.9	46.0	511	14	9	751	2.17	3.0	<5	<2	25	.87	.6	.1	55	.24	.068	20	29	.33	75	.08	4	1.41	.02	.06	<2	.2	57	<.3	<.2	6.7	5
70115	1.5	24.6	22.1	46.7	175	12	8	626	2.97	2.8	<5	<2	16	.48	1.3	.2	75	.15	.047	15	46	.32	106	.13	4	1.40	.02	.05	<2	<.2	50	<.3	<.2	8.0	6
70116	.8	46.5	29.5	50.2	123	21	12	530	3.37	9.0	<5	<2	39	.50	.9	.1	101	.56	.223	31	80	.54	128	.11	<3	1.39	.02	.08	<2	.2	35	<.3	<.2	6.2	8
70117	.9	25.9	46.2	80.8	172	11	8	1132	2.67	5.1	<5	<2	10	1.27	1.8	.3	64	.09	.112	9	28	.23	92	.14	5	1.54	.01	.05	<2	<.2	39	<.3	<.2	11.1	7
70118	2.6	158.3	68.3	93.5	548	19	40	2159	3.00	15.2	<5	<2	16	1.51	1.6	<.1	71	.15	.170	20	33	.42	113	.15	5	2.70	.01	.08	<2	.2	55	.4	<.2	11.5	2
70119	1.5	89.2	57.6	103.7	585	34	13	668	3.25	5.6	<5	<2	41	.88	.9	.1	83	.60	.187	22	58	.86	111	.11	5	3.26	.01	.13	<2	<.2	74	.7	<.2	9.7	3
70120	1.2	33.1	27.6	70.1	235	20	9	480	2.96	3.6	<5	<2	17	.55	1.4	.2	72	.14	.069	12	42	.47	106	.13	4	2.03	.01	.07	<2	<.2	51	<.3	<.2	8.6	147
70121	1.1	30.7	58.3	120.7	231	16	10	467	3.20	6.9	<5	2	16	1.42	1.6	.3	68	.11	.222	9	32	.41	158	.14	4	2.65	.01	.08	<2	.3	49	<.3	<.2	11.7	4
70122	2.0	55.1	35.3	124.2	567	24	11	757	3.05	5.9	<5	<2	23	.80	1.2	.1	58	.24	.198	11	31	.49	133	.20	4	3.28	.02	.07	<2	<.2	71	.3	<.2	13.8	8
70123	1.6	59.1	24.7	65.1	169	29	10	308	3.21	3.7	<5	<2	22	.38	1.3	<.1	77	.14	.099	12	46	.69	118	.22	4	3.02	.02	.10	<2	<.2	64	.4	<.2	12.1	9
70124	1.4	29.2	19.7	76.1	112	19	8	642	2.89	3.2	<5	2	14	.30	1.0	.2	66	.10	.111	11	34	.43	169	.19	6	2.74	.01	.08	<2	<.2	56	<.3	<.2	11.0	1
70125	2.1	36.9	29.7	89.1	104	17	9	698	2.81	3.7	<5	<2	13	1.15	1.8	.2	63	.09	.105	11	26	.39	91	.13	7	2.78	.01	.08	<2	.2	40	.3	<.2	10.8	5
70126	1.0	28.0	36.8	93.2	160	16	8	888	2.92	5.9	<5	<2	17	.67	1.4	.2	70	.15	.144	14	42	.40	100	.11	3	2.35	.01	.07	<2	.2	50	<.3	<.2	8.5	4
70127	1.5	32.6	97.4	135.6	151	20	8	2192	2.82	13.0	<5	<2	13	2.95	3.9	.5	63	.11	.177	10	25	.39	115	.18	<3	2.41	.02	.08	<2	.3	79	<.3	<.2	11.6	2
70128	2.1	25.0	15.7	63.2	402	18	10	698	2.95	3.9	<5	<2	31	.62	.5	.1	73	.37	.077	17	48	.46	96	.13	<3	2.06	.02	.08	<2	.2	47	<.3	<.2	8.7	4
70129	1.2	19.9	14.2	70.8	206	16	9	410	2.96	3.3	<5	<2	21	.44	.6	.1	74	.28	.238	14	47	.36	103	.09	<3	2.21	.01	.07	<2	<.2	63	<.3	<.2	7.7	2
70130	1.6	24.2	14.1	89.0	318	23	11	781	3.14	1.8	5	<2	17	.39	.4	.1	75	.15	.066	11	42	.46	127	.13	4	1.81	.01	.07	<2	<.2	39	<.3	<.2	10.6	3
70131	1.3	13.6	15.4	86.3	379	16	7	410	2.77	3.2	<5	<2	16	.51	.8	.2	62	.18	.142	9	36	.32	98	.13	<3	2.15	.01	.06	<2	<.2	53	<.3	<.2	10.6	<1
STANDARD	25.3	126.3	104.1	248.9	2040	31	17	1004	4.14	65.3	18	16	57	1.80	9.0	22.2	72	.72	.107	18	61	1.11	251	.12	26	2.24	.04	.69	16	2.5	1082	.5	2.1	6.8	46

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
70132	1.0	13.3	18.1	85.1	393	12	7	317	2.51	4.5	7	<2	11	.64	.9	.1	60	.10	.121	7	29	.23	70	.11	3	1.79	.01	.05	<2	.2	106	.4	<2	9.8	39
70133	.3	10.4	32.6	113.8	84	79	25	943	5.69	4.8	<5	2	97	.53	1.0	.1	159	1.30	.587	22	544	2.01	499	.23	6	2.42	.01	.30	<2	.3	47	<.3	<.2	12.3	1
70134	.7	32.2	28.7	76.7	312	21	10	422	3.27	4.6	<5	<2	18	.39	1.3	.1	89	.15	.049	11	58	.47	110	.14	<3	1.94	.01	.07	<2	<.2	67	<.3	<.2	10.0	1
70135	1.2	16.3	35.9	70.2	172	17	10	628	2.68	6.3	<5	<2	20	.60	1.3	.2	82	.20	.068	12	45	.41	55	.12	5	1.67	.01	.06	<2	<.2	42	.3	<.2	7.7	2
70136	1.4	17.8	16.8	67.2	180	14	7	764	3.09	4.2	<5	2	12	.33	.7	.2	85	.10	.170	9	40	.41	66	.11	5	1.88	.01	.06	<2	.2	56	<.3	<.2	9.3	2
70137	1.1	19.5	13.0	55.5	347	21	8	250	2.86	2.8	<5	3	13	.25	.6	.1	82	.11	.094	10	49	.40	60	.12	6	1.70	.01	.06	<2	<.2	66	.4	<.2	7.9	1
70138	1.4	17.2	18.6	43.6	75	20	6	201	3.22	7.6	<5	3	11	.43	1.8	.1	84	.08	.149	10	54	.32	51	.12	11	1.86	.01	.05	<2	<.2	80	.5	<.2	10.1	5
70139	1.3	50.8	12.7	61.6	132	89	13	314	3.46	5.3	<5	3	22	.14	.8	<.1	91	.23	.161	15	133	1.29	83	.14	<3	2.71	.02	.09	<2	<.2	57	.5	<.2	8.1	3
70140	.4	15.2	25.6	44.4	124	17	6	245	2.86	4.5	<5	<2	13	.43	1.0	.2	85	.10	.144	8	57	.32	55	.11	5	1.10	.01	.05	<2	<.2	47	<.3	<.2	8.0	2
70141	1.8	46.2	12.6	65.7	130	49	17	464	3.46	3.5	<5	2	23	.26	.5	<.1	91	.26	.119	18	79	.89	73	.19	3	2.06	.01	.08	<2	<.2	27	.3	<.2	8.4	5
RE 70144	.6	20.2	15.3	71.0	160	20	10	1017	2.82	3.3	<5	<2	23	.36	.5	<.1	76	.30	.187	14	53	.37	143	.10	6	1.59	.02	.05	<2	<.2	43	<.3	<.2	6.3	4
70142	1.0	30.2	17.0	73.8	363	23	13	632	3.00	3.5	<5	<2	19	.44	.6	.1	75	.21	.115	15	48	.43	84	.13	<3	2.34	.01	.06	<2	<.2	66	.3	<.2	8.7	3
70143	1.2	30.4	17.5	58.8	134	27	11	473	3.18	3.8	<5	<2	21	.23	.6	<.1	87	.20	.115	11	64	.57	65	.10	6	1.68	.01	.07	<2	<.2	51	<.3	<.2	8.0	9
70144	.6	19.9	16.4	68.9	184	20	10	977	2.75	2.9	<5	<2	23	.40	.6	<.1	74	.30	.182	15	50	.37	139	.10	4	1.57	.02	.05	<2	.2	44	<.3	<.2	7.1	4
70145	1.8	36.5	30.0	59.3	523	20	12	1369	2.39	4.3	<5	<2	37	1.27	.6	<.1	63	.63	.101	25	40	.36	82	.05	<3	1.73	.02	.05	<2	<.2	64	1.4	<.2	7.4	2
70146	.9	16.7	10.8	41.8	207	11	6	327	2.86	2.7	<5	<2	16	.31	.4	<.1	72	.17	.110	12	43	.24	74	.09	<3	1.06	.01	.06	<2	<.2	63	<.3	<.2	6.1	4
70147	2.5	33.6	41.5	63.5	444	17	9	417	2.42	4.3	<5	<2	41	1.38	1.4	<.1	62	.61	.078	18	35	.34	115	.08	<3	1.53	.01	.05	<2	<.2	86	.6	<.2	9.3	3
70150	1.4	15.5	84.3	77.3	249	12	7	1424	2.40	6.9	<5	<2	19	1.36	1.9	.3	64	.26	.100	7	34	.24	102	.11	<3	1.30	.02	.06	<2	<.2	69	<.3	<.2	7.8	4
70151	1.1	27.4	20.6	51.7	164	16	8	482	2.65	3.2	<5	<2	27	.48	.6	.1	71	.39	.166	21	52	.35	108	.08	<3	1.54	.02	.06	<2	<.2	67	<.3	<.2	5.9	8
70152	2.3	97.3	43.9	93.2	570	38	15	1695	3.06	3.4	8	<2	54	1.42	.9	<.1	77	.73	.142	32	77	.81	186	.13	<3	2.84	.02	.08	<2	<.2	73	<.3	<.2	10.8	4
70153	1.2	24.2	231.0	83.1	181	9	5	302	1.79	8.4	8	<2	17	1.53	4.9	.8	47	.26	.067	7	25	.17	104	.12	<3	.67	.01	.06	<2	<.2	88	<.3	<.2	6.5	4
70154	2.2	83.8	82.1	81.1	422	33	14	928	2.73	4.7	11	<2	56	1.26	1.5	<.1	71	.82	.110	22	69	.65	145	.15	3	2.72	.02	.08	<2	<.2	69	<.3	<.2	10.6	1
70155	3.3	173.1	47.9	82.4	789	29	19	2339	3.14	4.1	9	<2	43	1.74	.7	<.1	86	.67	.129	26	68	.63	115	.13	5	2.62	.02	.07	<2	<.2	83	.4	<.2	10.4	3
70156	1.7	36.2	37.8	63.1	151	21	8	382	2.49	2.6	<5	<2	22	.40	1.5	.1	72	.26	.024	11	45	.44	90	.20	3	1.39	.02	.05	<2	<.2	46	<.3	<.2	10.7	1
70157	1.0	22.5	104.1	46.8	185	8	4	166	1.54	4.2	5	<2	16	1.60	1.8	.4	49	.17	.032	7	23	.12	85	.11	3	.53	.01	.04	<2	<.2	34	<.3	<.2	6.2	2
70158	1.6	57.4	44.3	100.3	192	24	12	741	3.25	4.8	<5	<2	19	.37	1.8	<.1	77	.18	.128	13	48	.59	110	.11	4	2.55	.01	.09	<2	<.2	57	<.3	<.2	11.5	3
70159	1.9	58.5	24.5	84.2	229	22	11	1125	2.85	3.6	<5	<2	19	.74	1.4	<.1	64	.18	.161	14	38	.55	119	.13	<3	2.73	.01	.10	<2	<.2	70	<.3	<.2	12.2	2
70160	2.2	144.2	192.2	144.8	695	20	13	3104	2.04	5.9	<5	<2	62	3.17	2.6	<.1	50	.87	.155	41	41	.45	287	.06	4	2.23	.02	.09	<2	<.2	96	<.3	<.2	8.2	4
70161	1.8	53.8	98.6	139.6	381	16	12	1689	2.58	7.7	<5	<2	31	2.29	2.5	<.1	54	.30	.189	13	24	.39	179	.09	5	2.41	.01	.11	<2	<.2	69	<.3	<.2	12.5	4
70162	3.5	80.6	404.5	236.9	355	18	16	6453	2.25	19.1	<5	<2	42	10.23	5.8	.8	49	.49	.087	16	20	.29	365	.08	7	1.40	.02	.09	<2	.3	111	<.3	<.2	9.8	2
70163	1.4	95.9	287.7	147.7	302	16	11	2222	2.61	13.5	<5	<2	42	4.04	6.2	<.1	57	.23	.170	11	21	.47	199	.09	4	2.14	.01	.10	<2	.2	219	<.3	<.2	11.6	7
70164	1.6	65.2	100.1	94.5	276	17	11	1374	2.61	7.6	10	<2	13	1.02	3.1	<.1	59	.07	.118	13	24	.44	89	.09	3	2.29	.01	.09	<2	<.2	63	<.3	<.2	10.9	3
70165	1.8	67.1	65.9	75.2	261	14	9	1016	2.43	6.5	<5	<2	16	1.34	2.7	<.1	61	.09	.128	13	28	.38	82	.03	4	2.03	.01	.09	<2	<.2	73	.3	<.2	9.8	2
70166	1.6	73.8	84.8	68.7	364	13	12	1015	2.13	7.3	6	<2	26	.85	2.4	<.1	54	.10	.156	12	23	.38	83	.06	5	2.55	.01	.08	<2	<.2	76	.4	<.2	8.8	4
STANDARD	25.7	125.1	102.9	249.4	1893	31	17	1010	4.22	68.4	20	17	58	2.12	8.7	23.0	70	.73	.113	17	56	1.11	242	.11	26	2.24	.04	.70	17	2.5	1162	.4	1.8	7.1	44

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
70167	1.6	39.0	30.5	70.8	305	29	14	847	2.89	6.1	6	<2	22	.86	1.1	.2	61	.11	.104	16	45	.71	119	.12	7	2.45	.01	.11	<2	<.2	85	.5	<.2	10.6	<1
70168	1.3	19.4	34.4	52.7	144	9	5	472	2.10	3.8	<5	<2	26	.65	1.3	.2	42	.11	.081	11	15	.29	70	.06	<3	2.39	.01	.07	2	<.2	59	.4	<.2	9.3	6
70169	1.6	17.3	89.5	69.3	96	11	6	984	2.17	7.4	<5	<2	13	1.85	2.6	.5	45	.07	.088	10	17	.28	77	.06	4	1.72	.01	.07	<2	<.2	84	.4	<.2	8.8	<1
70170	1.4	24.5	62.4	67.8	237	14	8	1015	2.19	6.3	8	<2	19	.82	1.5	.4	52	.15	.120	16	27	.42	74	.05	<3	1.94	.01	.10	2	<.2	27	<.3	<.2	7.1	<1
70171	1.9	23.3	53.6	67.4	261	14	7	892	2.42	4.4	<5	<2	14	.86	1.9	.3	51	.06	.100	16	24	.36	90	.06	<3	2.13	.01	.08	2	<.2	61	<.3	<.2	8.8	<1
RE 70171	1.9	22.7	53.5	66.1	211	14	7	894	2.38	4.6	<5	<2	13	.84	1.9	.3	50	.06	.099	17	23	.36	89	.06	<3	2.09	.01	.08	<2	<.2	55	<.3	<.2	8.6	<1
70172	1.8	28.1	74.8	75.6	271	14	8	1018	2.46	9.5	<5	<2	13	1.94	2.5	.4	50	.08	.115	13	24	.36	94	.06	<3	1.85	.01	.08	2	<.2	82	<.3	<.2	8.9	1
70173	2.8	17.3	85.3	78.4	113	19	9	1073	2.68	7.6	5	<2	34	1.80	1.6	.3	66	.40	.156	20	69	.47	268	.05	<3	1.36	.01	.09	2	.2	73	<.3	<.2	6.2	1
70174	4.5	15.5	22.8	44.8	156	18	6	267	3.12	4.3	<5	<2	12	.62	1.7	.2	75	.09	.077	14	59	.44	62	.08	<3	1.57	.01	.07	2	<.2	56	<.3	<.2	8.5	<1

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

457000 458000 459000 460000 461000 462000 463000 464000 465000 466000

117° 35'

30'

1

5463000  
5462000  
5461000  
5460000  
5459000  
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5463000  
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70000	70001	70002	70003	70004	70005	70006	70007	70008	70009	70010	70011	70012	70013	70014	70015	70016	70017	70018	70019	70020	70021	70022	70023	70024	70025	70026	70027	70028	70029	70030	70031	70032	70033	70034	70035	70036	70037	70038	70039	70040	70041	70042	70043	70044	70045	70046	70047	70048	70049	70050	70051	70052	70053	70054	70055	70056	70057	70058	70059	70060	70061	70062	70063	70064	70065	70066	70067	70068	70069	70070	70071	70072	70073	70074	70075	70076	70077	70078	70079	70080	70081	70082	70083	70084	70085	70086	70087	70088	70089	70090	70091	70092	70093	70094	70095	70096	70097	70098	70099	70100	70101	70102	70103	70104	70105	70106	70107	70108	70109	70110	70111	70112	70113	70114	70115	70116	70117	70118	70119	70120	70121	70122	70123	70124	70125	70126	70127	70128	70129	70130	70131	70132	70133	70134	70135	70136	70137	70138	70139	70140	70141	70142	70143	70144	70145	70146	70147	70148	70149	70150	70151	70152	70153	70154	70155	70156	70157	70158	70159	70160	70161	70162	70163	70164	70165	70166	70167	70168	70169	70170	70171	70172	70173	70174	70175	70176	70177	70178	70179	70180	70181	70182	70183	70184	70185	70186	70187	70188	70189	70190	70191	70192	70193	70194	70195	70196	70197	70198	70199	70200	70201	70202	70203	70204	70205	70206	70207	70208	70209	70210	70211	70212	70213	70214	70215	70216	70217	70218
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70114 SAMPLE LOCATION AND NUMBER

N ↑

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PHELPS DODGE CORPORATION OF CANADA, LIMITED

**SOIL SAMPLE  
LOCATION PLAN  
MCPHEE PROPERTY**

scale 1:20,000

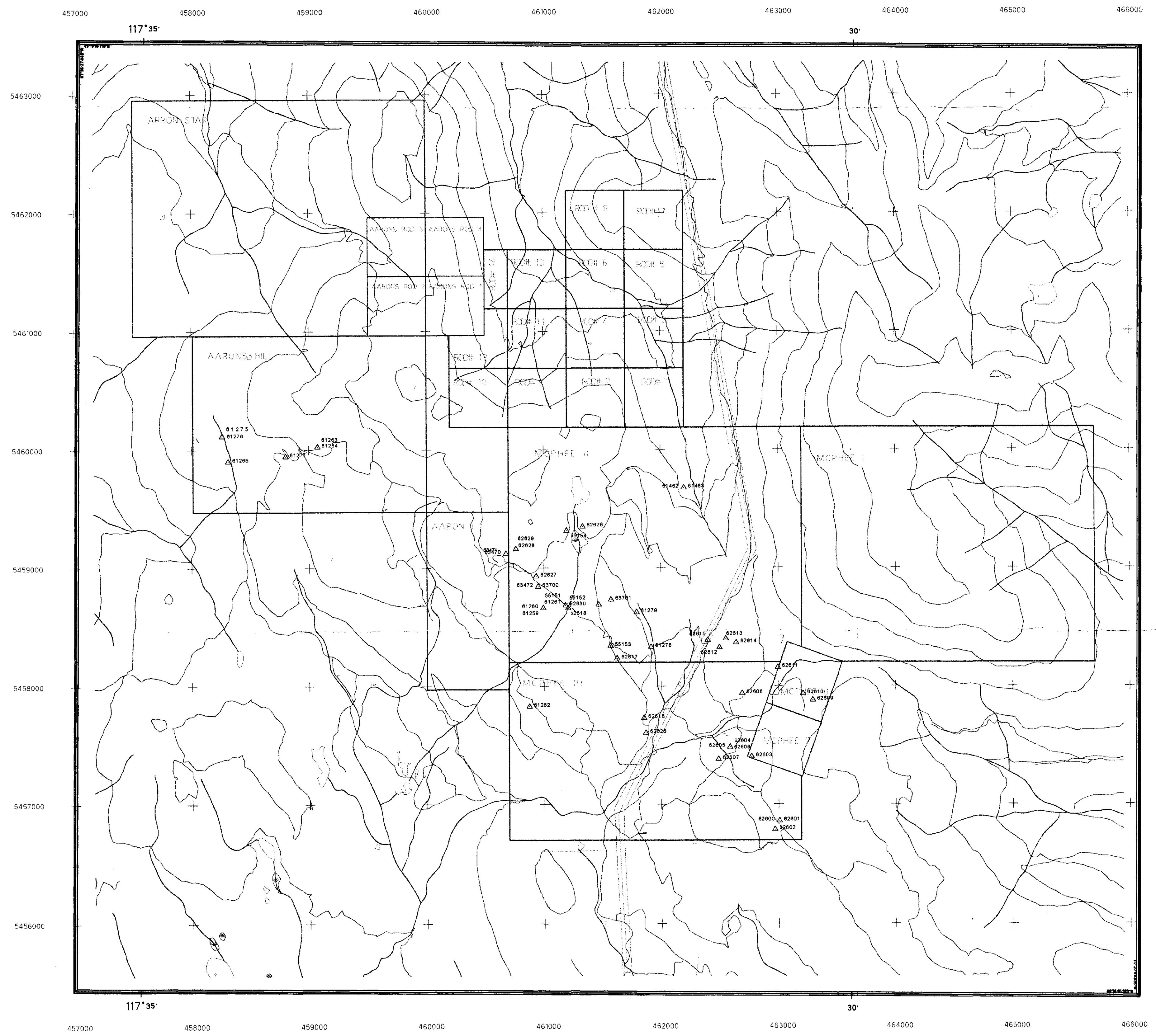
DATE: NOV. 1997    NTS 82F05/06    **FIGURE 4**

MAP 1

457000 458000 459000 460000 461000 462000 463000 464000 465000 466000

117° 35'

30'



**SELECT RESULTS FOR GRAB SAMPLES**  
 results in ppm unless indicated

SAMPLE	Mo	Cu	Pb	Zn	Ag (ppb)	Ni	Co	Au (ppb)
81511	1.0	12.0	9.0	36.0	0.0	5.0	4.0	57.0
81512	2.0	5.0	7.0	3.0	0.0	3.0	2.0	4.0
81513	2.0	10.0	11.0	92.0	0.0	6.0	5.0	10.0
81514	2.0	9.0	18.0	80.0	0.0	3.0	5.0	9.0
81259	2.0	37.0	7.0	113.0	0.0	12.0	30.0	20.0
81260	12.0	47.0	6.0	63.0	0.0	3.0	3.0	19.0
81261	4.0	27.0	5.0	81.0	0.0	1.0	4.0	16.0
81262	0.0	230.0	26.0	174.0	0.0	5.0	54.0	28.0
81263	7.0	150.0	7.0	30.0	0.0	13.0	9.0	14.0
81264	3.0	115.0	6.0	28.0	0.0	13.0	8.0	12.0
81265	3.0	7426.0	9.0	74.0	0.0	4.0	810.0	4.0
81275	15.0	33.0	9.0	3.0	0.0	5.0	2.0	0.0
81276	0.0	94.0	5.0	42.0	0.0	5.0	8.0	17.0
81277	2.0	51.0	5.0	44.0	0.0	5.0	5.0	19.0
81278	2.0	714.0	7.0	53.0	0.0	1.0	135.0	60.0
81279	2.0	81.0	18.0	41.0	0.0	3.0	8.0	11.0
81462	0.0	5.0	3.0	1.0	0.0	2.0	3.0	4.0
81463	2.0	8.0	5.0	6.0	0.0	117.0	3.0	4.0
82000	0.0	52.0	13.0	75.0	0.0	35.0	13.0	11.0
82001	2.0	40.0	12.0	61.0	0.0	4.0	2.0	10.0
82002	0.0	99.0	22.0	102.0	0.0	115.0	33.0	24.0
82003	0.0	384.0	59.0	1156.0	0.0	2.0	46.0	24.0
82004	0.0	68.0	39.0	202.0	0.0	7.0	28.0	17.0
82005	0.0	24.0	7.0	90.0	0.0	24.0	30.0	19.0
82006	0.0	14.0	0.0	38.0	0.0	7.0	3.0	5.0
82007	2.0	141.0	2077.0	6644.0	0.0	5.0	21.0	20.0
82008	0.0	92.0	0.0	97.0	0.0	236.0	43.0	18.0
82009	0.0	38.0	28.0	104.0	0.0	1.0	12.0	8.0
82010	2.0	24.0	17.0	91.0	0.0	2.0	17.0	17.0
82011	3.0	24.0	7.0	28.0	0.0	2.0	9.0	5.0
82012	0.0	15.0	0.0	62.0	0.0	1.0	15.0	17.0
82013	0.0	281.0	0.0	93.0	0.0	3.0	47.0	0.0
82014	7.0	49.0	10.0	67.0	0.0	2.0	19.0	19.0
82015	2.0	23.0	0.0	73.0	0.0	1.0	24.0	0.0
82016	0.0	75.0	62.0	117.0	0.0	4.0	13.0	22.0
82017	0.0	117.0	0.0	67.0	0.0	22.0	37.0	0.0
82018	14.0	436.0	5.0	51.0	0.0	6.0	22.0	0.0
82025	0.0	88.0	9.0	86.0	0.0	3.0	27.0	0.0
82026	0.0	4.0	14.0	45.0	0.0	3.0	3.0	0.0
82027	3.0	4.0	11.0	35.0	0.0	2.0	11.0	0.0
82028	0.0	13.0	5.0	10.0	0.0	2.0	2.0	0.0
82029	0.0	11.0	0.0	6.0	0.0	0.0	0.0	0.0
82030	11.0	34.0	12.0	97.0	0.0	5.0	12.0	0.0
83470	1.0	15.0	2.0	1.0	0.0	839.0	1.0	4.0
83471	2.7	30.2	3.0	1.4	0.0	126.0	1.24	5.0
83472	3.0	15.5	13.0	2.0	0.0	10.0	2.0	1.0
83700	6.4	34.6	5.0	16.5	0.0	102.0	3.0	4.0
83701	1200.0	4.0	49.6	7.9	0.0	0.0	4.0	7.3

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**ROCK SAMPLE LOCATION PLAN**

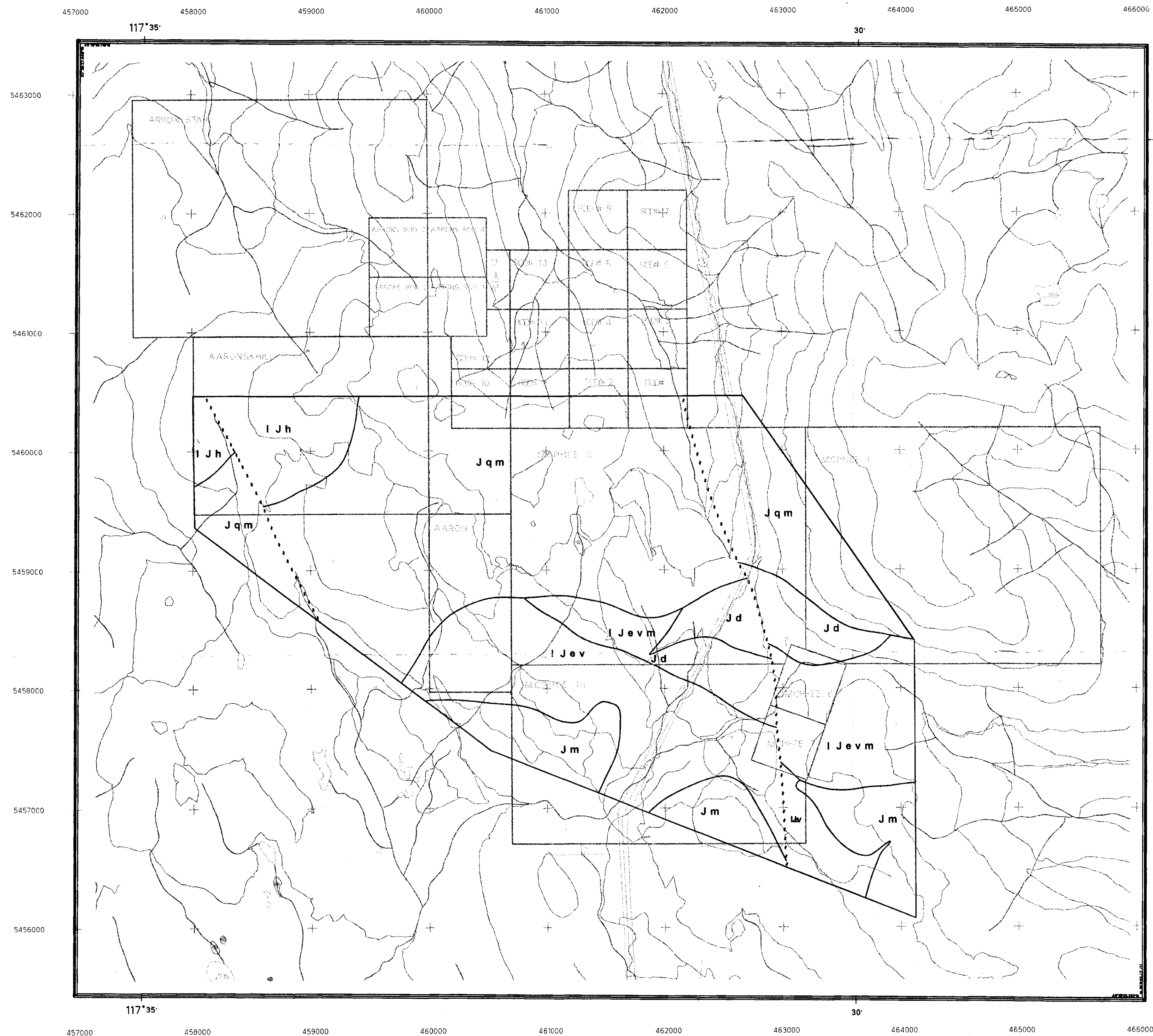
MCPHEE PROPERTY

scale 1:20,000

DATE: NOV. 1997    NTS 82F05/06    **FIGURE 6**

map a



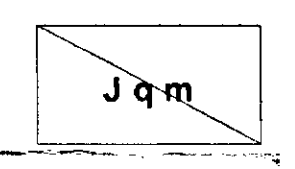


LEGEND

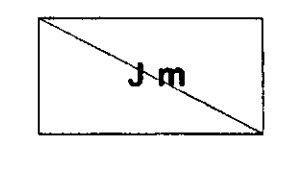
Lithologies

JURA-CRETACEOUS

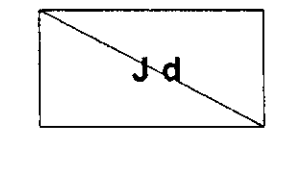
Nelson Batholith-Bonnington Pluton



K-feldspar megacrystic Qtz-Monzonite: coarse grained, white, 1cm to 3cm, 2 to 3% k-feldspars; prismatic hornblende phenocrysts.

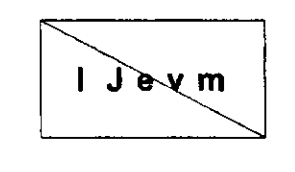


Hornblende +/- biotite monzonite: 15% hornblende, 0-10% biotite, coarse grained, white to gray; rare fine grained monzonite dykes.

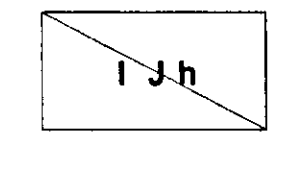


Hornblende diorite: medium grained, dark grey; 20 to 35% hornblende, local sulphide zones up to 5% sulphide near contact to gneiss.

MIDDLE-LOWER JURASSIC

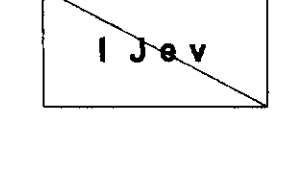


Gneissic Shear Zone: sheared and foliated Elise Formation andesite/amphibolite, monzonite, diorite and Hall formation(?) quartzite; lenses and layers of sulphide (5 to 20%) bearing gneiss near intrusive contacts.



Hall Formation(?) Quartz Pebble Conglomerate/Breccia: dark gray to mauve (potassic alteration?) argillaceous matrix with subrounded to angular quartzite fragments; local argillite layers; local pods of massive sulphide (pyrrhotite) 2 to 3 metres in diameter.

LOWER JURASSIC



Elise Formation: augite porphyry andesite flows and tuffs; augite porphyry diorite and fine grained monzonite dykes/sills within the andesites; intrusive and extrusive breccias contain fragments of all three lithologies; metamorphism is lower? amphibolite grade with amphibole pseudomorphing after pyroxene phenocrysts and fine grained amphibole matrices.

assumed fault



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PHELPS DODGE CORPORATION OF CANADA, LIMITED

**GEOLOGY PLAN**

MCPHEE PROPERTY

scale 1:20,000

DATE: NOV. 1997    NTS 82F05/08    **FIGURE 7**

MAPS