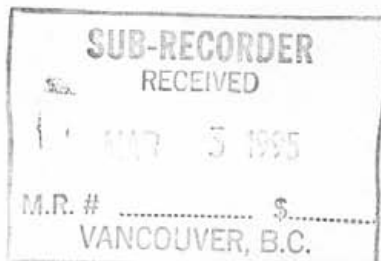


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SOIL GEOCHEMICAL REPORT
on the
CLEAVER 1 TO 4 CLAIMS
GREENWOOD MINING DIVISION
BRITISH COLUMBIA



by

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NTS 82E/7
49°28'N 118°53'W

Work paid for by Phelps Dodge Corporation of Canada, Limited

March 3, 1994

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,835

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INTRODUCTION

This report is a summary of 1994 mineral exploration work carried out on the Cleaver 1 to 4 claims, Greenwood Mining Division, British Columbia. During the period October 14 to 28, 1994 a total of 50.5 man days were spent on wide spaced soil geochemical sampling, grid establishment and geological mapping and prospecting. Soil geochemical data were filed for assessment work on the Cleaver claims and the results are presented herein.

LOCATION AND ACCESS

The Cleaver property is located 140 kilometres southeast of Kelowna in south-central British Columbia on NTS map sheet 82 E/7 at latitude 49° 28' N and longitude 118° 53'. Access to the property is via highway 33 to Westbridge then north for 32.5 kilometres along the Christian Valley Road and then northwest along the 4th of July Forest Service Access Road for some 7.5 kilometres to the central part of the claim block (Figure 1).

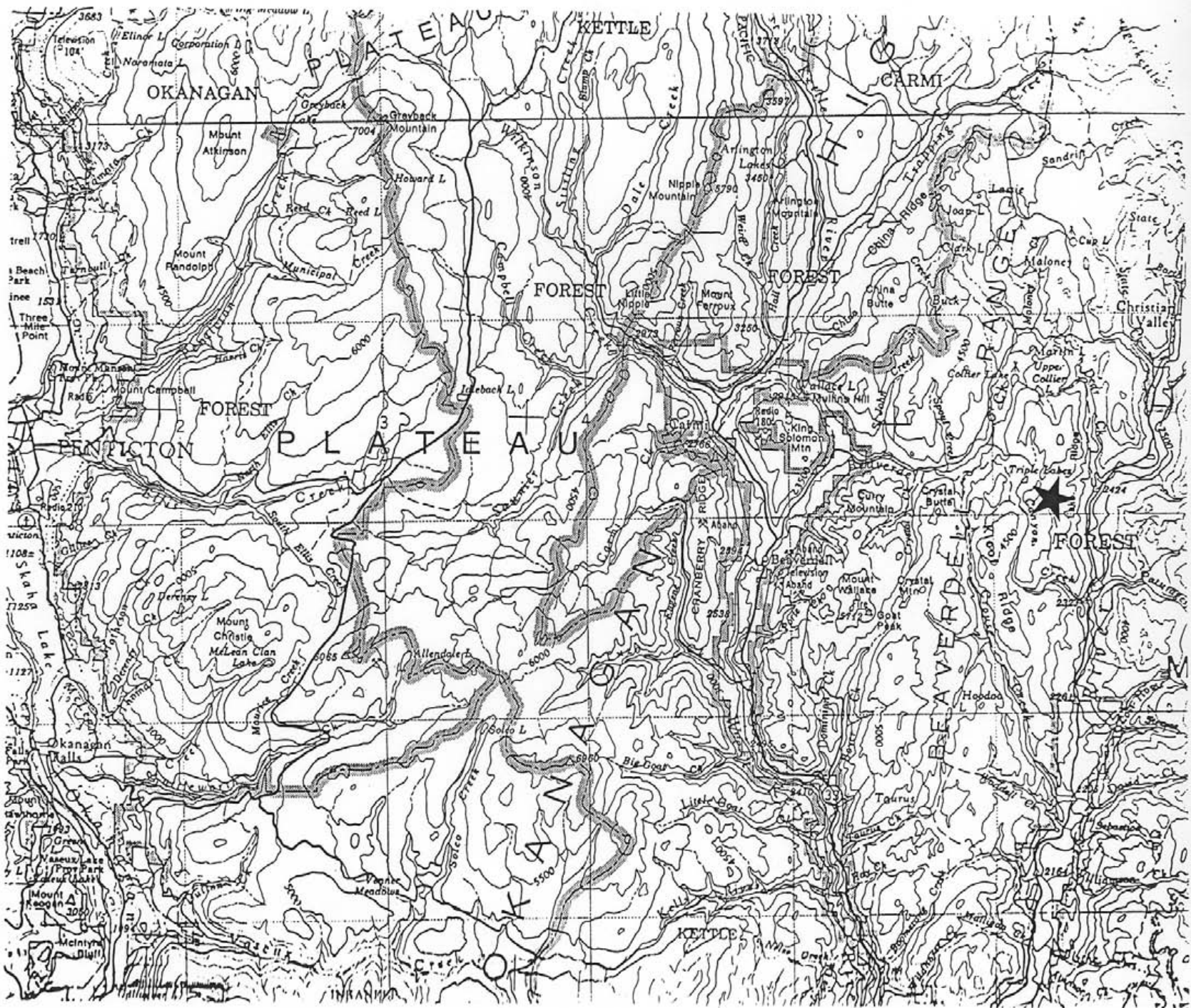
Vegetation on the property comprises mature pine, spruce and fir. The western third of the property is logged. Elevations on the property range from 790 metres on the east side to 1430 metres on top of the north-south ridge through the central part of the claims. Lakes and creeks on the property can supply enough water for drilling operations.

CLAIM INFORMATION

The Cleaver property includes four metric claims totalling 80 units located in the Greenwood Mining Division of south-central British Columbia. Claims are plotted on Figure 2 and summarised in Table 1. Expiry dates assume that current work is accepted for assessment purposes.

TABLE 1

CLAIM NAME	UNITS	TENURE NO.	EXPIRY DATE
Cleaver 1	20	322924	December 13, 1995
Cleaver 2	20	322925	December 13, 1995
Cleaver 3	20	322926	December 13, 1995
Cleaver 4	20	322927	December 13, 1995



NORTH

SCALE

1/250000



CLEAVER CLAIMS

FIGURE 1 - LOCATION MAP



HISTORY

The area covered by the Cleaver 1 to 4 claims has a long history of mineral exploration beginning in the late 1800's with the staking of the Barnato claim which covers a northeast trending quartz-pyrite vein grading 0.3 opt gold. During 1878 to 1938 several companies including Cominco worked on the Barnato discovery. Recorded assessment work covers the period 1961 to 1992 during which time numerous companies carried out geophysical, geochemical, and geological surveys, trenching, and limited diamond drilling over various areas of the property.

1994 WORK PROGRAM

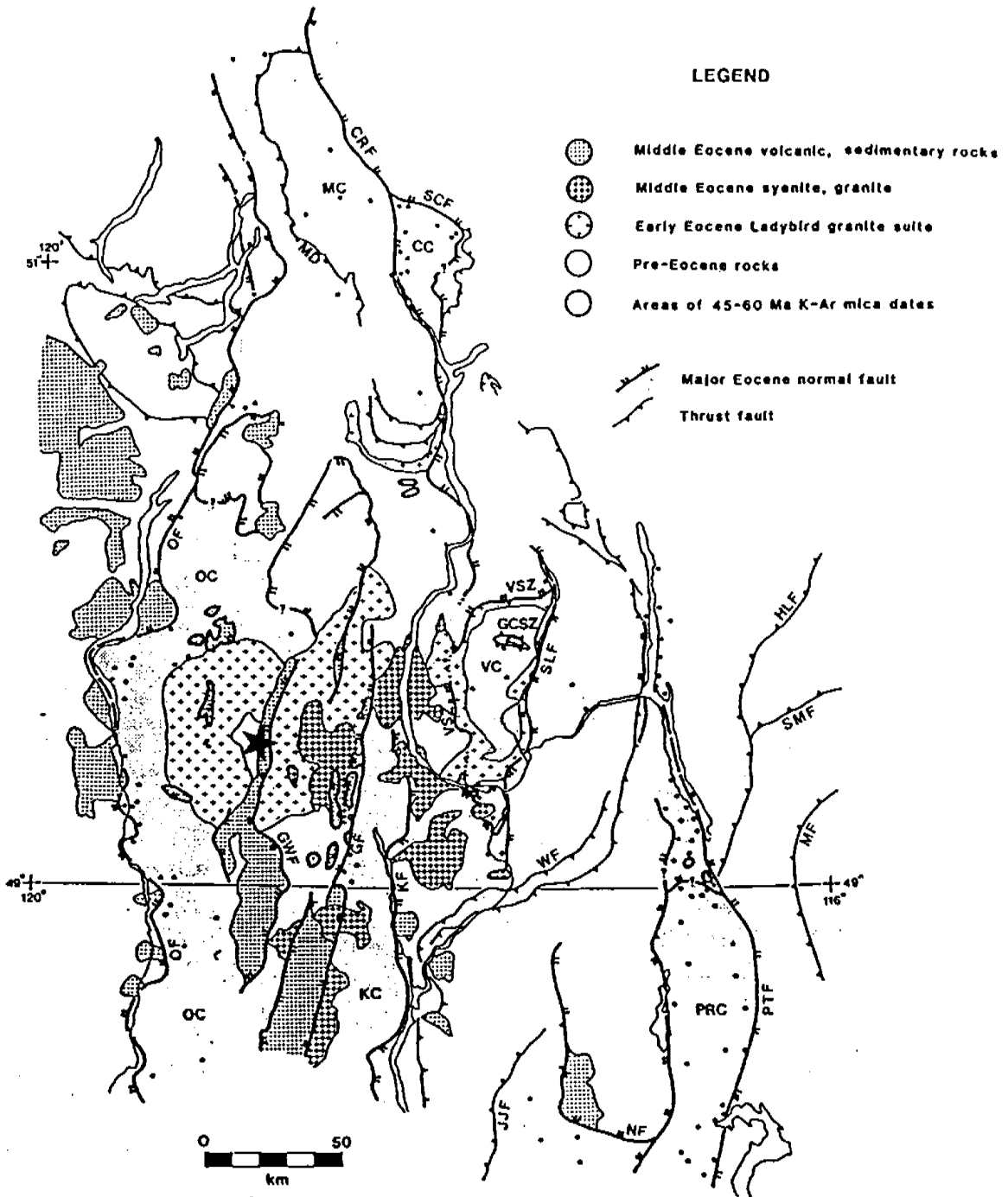
The 1994 work program included establishing a total of 40 kilometres of easterly orientated flagged grid lines, the collection of 785 soil samples and 34 rock grab samples as well as geological mapping and prospecting.

Mineral exploration work carried out on the Cleaver claims in 1994 was performed under B.C. Ministry of Energy, Mines and Petroleum Resources annual work approval number KAM94-0400488-139. There was no surface disturbance and no reclamation is required.

Soil geochemical samples were collected, where possible, from the B soil horizon at 50 metre intervals along easterly oriented grid lines spaced 300 metres apart. Grid lines and stations are marked with flagging and aluminum tags. Soil and rock samples were submitted to Acme Analytical Laboratories Ltd., 852 East Hastings Street, Vancouver, B.C. where they were prepared and analyzed for 30 elements by ICP methods and gold by atomic absorption. Sample descriptions and selected results are summarized in appendix I and details of analytical procedures are given along with laboratory analytical certificates in appendix II.

GEOLOGY

The geology of the region is a product of Eocene extension and crustal thinning where high angle normal faults bound north orientated grabens of variable width flanked by older volcanic and intrusive rocks. The Cleaver property lies on the western flank of the Toroda Graben and is underlain by Carboniferous-Permian intermediate volcanic rocks and associated tuffs, cherts, minor limestone and chert pebble conglomerate that have been intruded by middle Jurassic quartz diorite, diorite, granite and minor monzonite. The northeastern edge of the property is within the graben and is underlain by Eocene Marron Formation intermediate volcanic rocks and associated epiclastic sediments. Regional geology is plotted on figure 3 and property geology on Figure 4.



AFTER TECTONICS, VOL. 7, NO. 2, PAGES 181-212, APRIL 1988

**EOCENE EXTENSIONAL TECTONICS AND
GEOCHRONOLOGY OF THE SOUTHERN
OMINECA BELT, BRITISH COLUMBIA AND
WASHINGTON**

Randall R. Parrish et al.

★ CLEAVER CLAIMS

The Carboniferous-Permian Anarchist Group forms the oldest sequence on the property and includes intermediate volcanic and minor sedimentary rocks. These rocks cross the central part of the property in an 800m wide zone which thins to the northeast. The southeast part of the claim block is also underlain by Anarchist Group. The largest component of the Anarchist Group on the property is a dark grey to grey green, very fine grained intermediate volcanic rock which are massive, brittle, weakly calcareous and locally porphyritic. Euhedral to subhedral greenish black pyroxene phenocrysts, <1mm in size, make up to 1 percent of the rock. Feldspar phenocrysts are rare. Hornblende phenocrysts are dominant near contacts with intrusive rocks. Up to 2 percent disseminated magnetite is common.

Intercalated with the volcanic and sedimentary rocks are tuffaceous horizons which are lighter greyish green to reddish green, very fine grained and locally banded. Locally the tuffaceous rocks contain angular <1cm to 5cm fragments of flow rocks.

In the east-central part of the claim block an olive green to buff, northeast orientated, chert horizon is present conformable with the volcanic rocks. Thickness of the chert horizon is unknown. On the Barnato claim several boulders of chert pebble conglomerate are observed on the waste pile outside the adit. The rock is greenish grey to brown with <1cm rounded to subrounded chert pebbles set in a cherty matrix. Limestone was not seen in outcrop but several angular boulders of limestone are found east of an old road near L106N, 107+00E. The rock is grey-white with darker colored bands.

Intruding the volcanic and sedimentary rocks are Middle Jurassic quartz diorite, diorite, granite and monzonite composition plugs and sills.

The northwest and north-central part of the property is underlain by granite which is greyish white, coarse grained, with equant grains of feldspar, hornblende, biotite and coarse irregular granular quartz. Accessory minerals include magnetite (locally to two percent), minor apatite, chlorite, epidote and a metallic silver colored mineral. Underlying most of the central and eastern parts of the property is quartz diorite which occurs as thick sills and lenses. The quartz diorite is black and white, medium grained, equigranular, with feldspar, quartz, hornblende and minor biotite. Locally, diorite occurs as lenses within the quartz diorite and is more abundant in the west central part of the claim block.

Cutting the quartz diorite on the west side of the claims is a series of northeast-southwest orientated dykes. The dykes are up to 4 metres wide, grey, fine to medium grained with 4mm to 6mm euhedral plagioclase phenocrysts set in an equiangular grey feldspar rich matrix with one to three percent lath shaped hornblende phenocrysts.

The southwest part of the claim block is underlain by medium to coarse grained quartz monzonite consisting of feldspar and quartz with minor biotite and magnetite.

The Anarchist Group of volcanic and related rocks have been pervasively silicified and weakly to moderately chloritized and epidotized. Brecciation and quartz veining is common. Locally, in areas of abundant quartz veins, iron staining on fractures imparts a rusty appearance to the outcrops.

Faulting on the property has two dominate trends, north to northeast and east-west. Generally the north to northeast set has created laterally extensive zones of brecciation along the contacts of the intrusive and volcanic rocks. Quartz and sulphides infill the fault-breccia zones in both the intrusive and volcanic rocks. The east-west set are right lateral, normal faults that offset the north to northeast fault set.

Mineralization on the property is associated with the north to northeast set of faults and breccia zones which are filled with quartz veins containing pyrite, pyrrhotite, marcasite, arsenopyrite, gold, minor chalcopyrite, sphalerite and magnetite along with chlorite, epidote and calcite.

RESULTS

Soil Geochemical Survey

Geochemical results for gold are plotted on Figure 5 and for arsenic are plotted on Figure 6. Appendix I contains sample location and field note summaries and appendix II lists geochemical results on the laboratory certificates. Contours of gold and arsenic data are superimposed on geology in Figure 7.

Gold geochemical results form NNE trending linear anomalies which vary from one to several stations (50m to 150m) in width and are continuous for up to 2200 metres. Exposed gold-bearing quartz vein zones which occur along quartz diorite and clastic rock contacts correlate with gold soil geochemical anomalies. The Barnato vein system at L 106 N and 108+50 E is associated with a gold soil anomaly with values to 210 ppb gold that extends for 2200 metres. A broad zone of enhanced gold values up to 300 metres in width and 600 metres long with gold values up to 960 ppb is located 300 metres southeast of the Barnato showing. This area contains little outcrop but appears to lie within a region underlain by Anarchist Group sediments. Additional gold anomalies are present to the east which are only partially outlined by the current sample coverage.

Arsenic values in soils range from 2ppm to 1385ppm with a median value of 13ppm. Anomalous soils generally correlate with areas containing elevated gold contents.

A broad zone of elevated arsenic contents lies in the southeast corner of the grid.

Rock Geochemical survey

Thirty four rock samples were collected and results for gold and arsenic are plotted on Figure 3. Six samples contained gold values in excess of 500ppb with the highest being 38700ppb. High gold values were obtained from silicified breccia zones and quartz veins containing pyrite, pyrrhotite and locally arsenopyrite. Sulphide mineralization is banded but more commonly occurs as irregular masses and stringers throughout silicified fault-breccia structures. Sulphide mineralization is locally massive, up to 1.5 metres thick, as observed at an adit in the centre of the Barnato claim.

CONCLUSIONS

Soil geochemical surveys have outlined combined gold and arsenic anomalies that are associated with known gold bearing quartz vein zones. These zones appear to be aligned along contacts between intrusive rocks and Anarchist Group clastic and volcanic rocks.

RECOMMENDATIONS

Further mineral exploration work is warranted. The existing exploration grid should be expanded to the north, south and east and line spacing should be reduced to 150 metre centres. Ground based geophysical surveys including magnetic and induced polarization surveys are recommended.

DISBURSEMENTS

Project disbursements used for assessment credit are \$25,871.92 and are summarized below.

Accomod'n/Board				\$2,485.68
Salaries				
	P. Fox	2 days @ \$450	\$900.00	
	C. Payne	12 days @ \$295	\$3,540.00	
	R. Roy	11.5 days @ \$225	\$2,587.50	
	J. Bailey	12 days @ \$225	\$2,700.00	
	D. Gagnon	11 days @ \$225	\$2,475.00	
	R. Roe	2 days @ \$225	\$450.00	\$12,652.50
Truck Rental				\$1,195.99
Analytical		785 soil samples @ \$12.15		\$9,537.75
TOTAL				\$25,871.92

Prepared by:

FOX GEOLOGICAL CONSULTANTS LTD.

A handwritten signature in black ink, appearing to be 'P. E. Fox', written over a horizontal line.

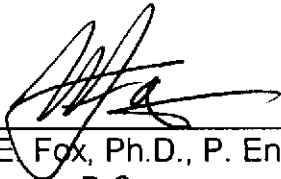
P. E. Fox, Ph.D., P. Eng.
March 3, 1994

CERTIFICATE

I, Peter Edward Fox, certify to the following:

1. I am a consulting geologist residing at #902 - 2077 Nelson Street, Vancouver, B.C.
2. I am a Professional Engineer registered in the Association of Professional Engineers and Geoscientists of British Columbia.
3. My academic qualifications are:

B.Sc. and M.Sc., Queens University, Kingston, Ontario
Ph.D., Carleton University, Ottawa, Ontario
4. I have been engaged in geological work since graduation in 1966.



Peter E. Fox, Ph.D., P. Eng.
Vancouver, B.C.
March 3, 1995

APPENDIX I

SOIL GEOCHEMICAL RESULTS AND FIELD NOTES

PROJECT 191
CLEAVER

Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48532	CLEAVER	SOIL		7900	10000		1	19	7	76	0.1	2.15	53	2	9.0	
48533	CLEAVER	SOIL	OLD ROAD	7900	10050		1	76	6	63	0.1	2.10	135	2	12.0	
48534	CLEAVER	SOIL		7900	10100		1	16	7	109	0.1	2.00	51	2	5.0	
48535	CLEAVER	SOIL		7900	10150		1	40	9	29	0.1	1.60	101	3	2.0	
48536	CLEAVER	SOIL		7900	10200		1	33	7	55	0.1	2.16	30	2	7.0	
48537	CLEAVER	SOIL		7900	10250		1	18	4	80	0.1	2.10	55	2	5.0	
48538	CLEAVER	SOIL		7900	10300		1	54	6	99	0.2	2.45	195	2	19.0	
48539	CLEAVER	SOIL		7900	10350		1	52	14	104	0.2	2.39	613	2	150.0	
48540	CLEAVER	SOIL		7900	10400		2	39	7	76	0.1	2.36	128	2	41.0	
48541	CLEAVER	SOIL		7900	10450		2	16	12	50	0.1	2.10	67	4	7.0	
48542	CLEAVER	SOIL		7900	10500		2	21	7	59	0.1	2.23	33	2	9.0	
48543	CLEAVER	SOIL	ROAD AT 10540E	7900	10550		1	16	7	87	0.2	1.99	20	2	12.0	
48544	CLEAVER	SOIL		7900	10600		1	48	12	86	0.1	2.39	476	2	45.0	
48545	CLEAVER	SOIL		7900	10650		1	13	6	111	0.1	1.78	72	2	10.0	
48546	CLEAVER	SOIL		7900	10700		1	112	11	102	0.1	3.28	422	2	88.0	
48547	CLEAVER	SOIL		7900	10750		1	20	5	63	0.1	2.17	89	4	47.0	
48548	CLEAVER	SOIL		7900	10800		1	12	9	52	0.1	1.79	24	2	10.0	
48549	CLEAVER	SOIL		7900	10850		1	17	6	59	0.1	1.97	22	2	42.0	
48550	CLEAVER	SOIL		7900	10900		1	20	7	49	0.1	1.98	25	2	17.0	
48551	CLEAVER	SOIL		7900	10950		1	16	4	31	0.1	1.95	22	5	8.0	
48552	CLEAVER	SOIL	STATION ON NORTH SIDE OF CREEK	7900	11000		1	24	4	58	0.1	2.29	28	2	19.0	
48553	CLEAVER	SOIL		7900	11050		1	27	12	74	0.1	2.43	23	2	7.0	
48554	CLEAVER	SOIL		7900	11100		1	30	6	65	0.1	2.67	29	2	14.0	
48555	CLEAVER	SOIL	OUTCROP AT STATION	7900	11150		2	132	3	83	0.8	3.46	33	2	12.0	
48556	CLEAVER	SOIL		7900	11200		1	27	4	68	0.1	2.24	26	3	18.0	
48557	CLEAVER	SOIL		7900	11250		1	16	4	50	0.1	1.87	19	2	7.0	
48558	CLEAVER	SOIL		7900	11300		1	23	4	84	0.3	2.08	43	2	24.0	
48559	CLEAVER	SOIL		7900	11350		1	18	4	68	0.3	2.08	16	2	6.0	
48560	CLEAVER	SOIL		7900	11400		2	27	2	69	0.2	1.75	52	3	3.0	
48561	CLEAVER	SOIL		7900	11450		1	15	6	48	0.1	1.70	36	4	6.0	
48562	CLEAVER	SOIL		7900	11500		1	29	7	61	0.1	2.05	32	2	1.0	
48563	CLEAVER	SOIL		7900	11550		1	33	6	73	0.1	1.92	51	4	13.0	
48564	CLEAVER	SOIL		7900	11600		1	21	5	74	0.2	2.22	21	2	10.0	
48565	CLEAVER	SOIL		7900	11650		1	54	7	96	0.2	2.38	30	5	3.0	
48566	CLEAVER	SOIL		7900	11700		1	196	7	70	0.5	2.11	131	2	49.0	
48567	CLEAVER	SOIL		7900	11750		1	32	4	48	0.2	2.24	71	2	28.0	
48568	CLEAVER	SOIL		7900	11800		1	36	2	71	0.1	2.73	21	2	9.0	
48569	CLEAVER	SOIL		7900	11850		1	56	4	57	0.1	2.16	50	3	100.0	
48570	CLEAVER	SOIL		7900	11900		2	23	5	83	0.1	1.94	27	3	1.0	
48571	CLEAVER	SOIL		7900	11950		1	24	3	55	0.1	2.37	20	3	15.0	
48572	CLEAVER	SOIL		7900	12000		1	26	8	94	0.1	2.37	17	2	89.0	
48573	CLEAVER	SOIL		8200	8000		1	21	8	143	0.1	2.50	2	2	1.0	
48574	CLEAVER	SOIL		8200	8050		1	10	2	98	0.1	2.07	2	5	1.0	

PROJECT 191
CLEAVER

Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48575	CLEAVER	SOIL		8200	8100	8100	1	21	2	72	0.1	2.33	5	3	1.0	
48576	CLEAVER	SOIL		8200	8150	8150	1	16	7	82	0.1	2.09	2	2	7.0	
48577	CLEAVER	SOIL		8200	8200	8200	1	34	8	73	0.1	2.80	7	5	2.0	
48578	CLEAVER	SOIL		8200	8250	8250	1	30	5	92	0.1	2.60	6	6	1.0	
48579	CLEAVER	SOIL		8200	8300	8300	1	19	7	112	0.1	2.40	2	2	1.0	
48580	CLEAVER	SOIL	OUTCROP AT STATION	8200	8350	8350	1	79	2	114	0.1	3.46	13	2	1.0	
48581	CLEAVER	SOIL		8200	8400	8400	1	100	17	103	0.1	2.89	47	2	1.0	
48582	CLEAVER	SOIL		8200	8450	8450	1	79	5	139	0.1	2.82	8	3	1.0	
48583	CLEAVER	SOIL		8200	8500	8500	1	64	11	80	0.1	2.62	16	3	3.0	
48584	CLEAVER	SOIL		8200	8550	8550	1	46	9	110	0.1	2.32	57	3	4.0	
48585	CLEAVER	SOIL		8200	8600	8600	1	42	11	77	0.1	2.77	31	4	18.0	
48586	CLEAVER	SOIL		8200	8650	8650	1	32	9	120	0.1	2.60	132	5	3.0	
48587	CLEAVER	SOIL		8200	8700	8700	1	25	17	83	0.1	2.12	37	2	11.0	
48588	CLEAVER	SOIL	LOGGING BLOCK	8200	8750	8750	1	6	12	56	0.1	1.73	3	2	11.0	
48589	CLEAVER	SOIL	LOGGING BLOCK	8200	8800	8800	1	9	7	81	0.1	1.79	6	2	3.0	
48590	CLEAVER	SOIL	LOGGING BLOCK	8200	8850	8850	1	23	13	59	0.3	2.51	36	2	8.0	
48591	CLEAVER	SOIL	LOGGING BLOCK	8200	8900	8900	1	18	18	53	0.2	1.89	8	4	2.0	
48592	CLEAVER	SOIL		8200	8950	8950	1	14	11	74	0.3	2.03	19	2	3.0	
48593	CLEAVER	SOIL	STATION IS NEXT TO CREEK	8200	9000	9000	1	10	11	67	0.1	2.03	2	2	1.0	
48658	CLEAVER	SOIL		8200	9050	9050	1	20	13	58	0.1	1.80	7	2	2.0	
48659	CLEAVER	SOIL		8200	9100	9100	1	39	11	76	0.1	2.12	12	4	3.0	
48660	CLEAVER	SOIL		8200	9150	9150	1	14	12	44	0.1	1.91	10	2	21.0	
48661	CLEAVER	SOIL		8200	9200	9200	1	15	8	37	0.1	1.77	12	4	2.0	
48662	CLEAVER	SOIL		8200	9250	9250	1	16	10	32	0.1	2.03	17	2	26.0	
48663	CLEAVER	SOIL	STATION IS BESIDE ROAD	8200	9300	9300	1	15	12	28	0.1	1.85	17	3	2.0	
48664	CLEAVER	SOIL	STATION BESIDE ROAD	8200	9350	9350	1	14	5	26	0.1	1.99	13	4	13.0	
48665	CLEAVER	SOIL		8200	9400	9400	1	11	3	30	0.1	1.97	10	6	13.0	
48676	CLEAVER	SOIL		8200	9450	9450	1	14	7	54	0.2	1.86	13	7	9.0	
48675	CLEAVER	SOIL		8200	9500	9500	1	14	8	59	0.1	1.74	41	3	5.0	
48674	CLEAVER	SOIL		8200	9550	9550	1	55	7	110	0.3	2.75	335	2	21.0	
48673	CLEAVER	SOIL		8200	9600	9600	1	13	12	65	0.1	1.88	28	6	9.0	
48672	CLEAVER	SOIL		8200	9650	9650	1	25	9	93	0.1	1.90	72	2	16.0	
48671	CLEAVER	SOIL		8200	9700	9700	1	17	12	45	0.1	1.95	51	4	82.0	
48670	CLEAVER	SOIL		8200	9750	9750	1	16	28	54	0.1	1.93	9	5	5.0	
48669	CLEAVER	SOIL		8200	9800	9800	1	26	12	90	0.1	2.15	99	2	15.0	
48668	CLEAVER	SOIL		8200	9850	9850	1	15	11	53	0.1	1.89	13	3	5.0	
48667	CLEAVER	SOIL		8200	9900	9900	1	47	14	90	0.1	2.60	145	3	32.0	
48666	CLEAVER	SOIL		8200	9950	9950	1	45	9	43	0.1	2.14	245	2	24.0	
48373	CLEAVER	SOIL	OUTCROP EAST OF STATION	8200	10000	10000	1	78	12	83	0.2	2.79	325	5	83.0	
48374	CLEAVER	SOIL	FENCE AT 10046E	8200	10050	10050	1	33	11	90	0.1	2.11	128	5	27.0	
48375	CLEAVER	SOIL		8200	10100	10100	1	23	10	27	0.2	2.12	38	2	4.0	
48376	CLEAVER	SOIL		8200	10150	10150	1	6	10	28	0.1	1.76	15	2	1.0	
48377	CLEAVER	SOIL		8200	10200	10200	1	7	8	53	0.1	1.63	21	3	2.0	

PROJECT 191
CLEAVER

Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48378	CLEAVER	SOIL	GULLEY AT 10240E	8200	10250		1	21	9	96	0.1	2.12	44	4	6.0	
48379	CLEAVER	SOIL		8200	10300		2	33	8	93	0.1	2.21	113	5	15.0	
48380	CLEAVER	SOIL	WELL DEVELOPED, REDDISH-BROWN SOIL	8200	10350		2	38	6	81	0.2	2.01	73	4	30.0	
48381	CLEAVER	SOIL		8200	10400		1	47	10	84	0.3	2.30	40	4	40.0	
48382	CLEAVER	SOIL		8200	10450		1	17	10	45	0.1	1.86	30	3	4.0	
48383	CLEAVER	SOIL		8200	10500		1	19	13	88	0.3	2.09	86	2	7.0	
48384	CLEAVER	SOIL		8200	10550		1	48	13	99	0.5	2.43	277	4	40.0	
48385	CLEAVER	SOIL	ROAD AT 10615E	8200	10600		1	46	13	69	0.2	2.42	37	2	10.0	
48386	CLEAVER	SOIL		8200	10650		1	18	13	60	0.1	2.49	18	3	18.0	
48387	CLEAVER	SOIL		8200	10700		1	59	13	151	0.4	2.29	57	4	11.0	
48388	CLEAVER	SOIL	ROCKY AREA, SUBCROP?	8200	10750		1	61	12	85	0.1	2.07	29	3	15.0	
48389	CLEAVER	SOIL	CLOSE TO BEDROCK	8200	10800		1	55	10	230	0.5	2.52	42	2	21.0	
48390	CLEAVER	SOIL	SAMPLE POSSIBLY C-HORIZON; OUTCROP	8200	10850		1	28	12	131	0.3	2.52	31	2	9.0	
48391	CLEAVER	SOIL		8200	10900		1	84	16	209	0.6	3.22	368	2	41.0	
48392	CLEAVER	SOIL	OUTCROP AT STATION	8200	10950		1	49	20	90	0.1	4.52	53	2	15.0	
48393	CLEAVER	SOIL		8200	11000		1	41	12	130	0.3	2.11	222	2	65.0	
48394	CLEAVER	SOIL		8200	11050		1	25	9	77	0.1	2.17	25	5	11.0	
48395	CLEAVER	SOIL		8200	11100		1	31	11	73	0.2	2.53	22	2	22.0	
48396	CLEAVER	SOIL	OUTCROP AT STATION (CLIFFS)	8200	11150		2	47	16	98	0.3	3.12	25	4	140.0	
48397	CLEAVER	SOIL	OUTCROP, CLIFFS & TALUS SLOPE	8200	11200		2	122	22	83	0.7	4.28	96	2	180.0	
48398	CLEAVER	SOIL	TALUS AT 11250, NO SAMPLE	8200	11300											
48399	CLEAVER	SOIL	OUTCROP AT STATION	8200	11350		1	161	14	76	0.3	4.96	398	3	110.0	
48400	CLEAVER	SOIL		8200	11400		1	40	18	70	0.1	3.69	117	2	170.0	
48701	CLEAVER	SOIL		8200	11450		1	19	9	95	0.3	2.19	75	2	5.0	
48702	CLEAVER	SOIL		8200	11500		1	18	7	71	0.2	2.24	50	2	16.0	
48703	CLEAVER	SOIL		8200	11550		1	14	8	48	0.1	2.02	21	4	13.0	
48704	CLEAVER	SOIL		8200	11600		1	25	10	32	0.1	2.49	43	2	13.0	
48705	CLEAVER	SOIL		8200	11650		1	40	8	51	0.2	2.54	64	2	16.0	
48706	CLEAVER	SOIL		8200	11700		1	55	10	95	0.2	2.38	30	2	16.0	
48707	CLEAVER	SOIL		8200	11750		1	31	9	59	0.1	2.11	38	3	7.0	
48708	CLEAVER	SOIL		8200	11800		1	31	6	71	0.2	1.98	24	2	13.0	
48709	CLEAVER	SOIL		8200	11850		1	67	7	45	0.1	2.16	36	2	9.0	
48710	CLEAVER	SOIL		8200	11900		1	22	4	88	0.2	2.14	32	2	7.0	
48711	CLEAVER	SOIL		8200	11950		1	22	7	59	0.1	2.06	38	2	10.0	
48712	CLEAVER	SOIL	OUTCROP @ STATION, CLAIM LINE 11980E	8200	12000		1	19	3	68	0.1	1.72	24	2	1.0	
48713	CLEAVER	SOIL		8500	8000		1	26	9	71	0.1	2.74	10	2	3.0	
48714	CLEAVER	SOIL	OUTCROP AT STATION	8500	8050		1	22	5	62	0.1	2.63	3	2	3.0	
48715	CLEAVER	SOIL		8500	8100		1	42	4	68	0.2	2.76	3	2	5.0	
48716	CLEAVER	SOIL		8500	8150		1	25	13	90	0.1	2.60	12	2	3.0	
48717	CLEAVER	SOIL	EXTENSIVE OUTCROP AROUND STATION	8500	8200		1	16	7	69	0.1	2.24	5	3	4.0	
48718	CLEAVER	SOIL		8500	8250		1	23	9	74	0.1	2.35	11	2	1.0	
48719	CLEAVER	SOIL		8500	8300		1	29	16	68	0.1	2.56	12	4	5.0	
48720	CLEAVER	SOIL		8500	8350		1	17	6	71	0.1	2.44	5	4	4.0	

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Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48721	CLEAVER	SOIL	OUTCROP SOUTHWEST OF STATION		8500	8400	1	21	7	52	0.1	2.01	5	3	3.0	
48722	CLEAVER	SOIL			8500	8450	1	45	3	84	0.1	3.06	13	2	38.0	
48723	CLEAVER	SOIL	OUTCROP		8500	8500	1	45	12	76	0.1	2.70	19	2	18.0	
48724	CLEAVER	SOIL			8500	8550	1	54	5	120	0.1	2.63	47	3	1.0	
48725	CLEAVER	SOIL			8500	8600	1	52	5	135	0.1	2.97	112	2	6.0	
48726	CLEAVER	SOIL	OUTCROP NORTH OF STATION		8500	8650	1	53	7	341	0.2	2.83	92	2	4.0	
48727	CLEAVER	SOIL	OUTCROP AT STATION		8500	8700	1	160	5	132	0.3	3.51	215	2	7.0	
48728	CLEAVER	SOIL	EDGE OF CUT BLOCK		8500	8750	1	56	12	120	0.1	2.65	95	2	4.0	
48729	CLEAVER	SOIL			8500	8800	1	52	6	186	0.2	2.76	15	2	6.0	
48730	CLEAVER	SOIL			8500	8850	1	17	8	97	0.1	2.02	29	3	4.0	
48731	CLEAVER	SOIL			8500	8900	1	145	7	53	0.3	2.24	73	2	5.0	
48732	CLEAVER	SOIL			8500	8950	1	22	5	55	0.1	2.13	7	4	6.0	
48733	CLEAVER	SOIL			8500	9000	1	84	7	49	0.3	2.33	31	2	8.0	
48689	CLEAVER	SOIL			8500	9050	1	10	6	53	0.1	1.76	6	2	20.0	
48690	CLEAVER	SOIL			8500	9100										
48691	CLEAVER	SOIL			8500	9150	1	9	5	51	0.1	1.79	6	2	6.0	
48692	CLEAVER	SOIL			8500	9200	1	15	9	23	0.1	1.55	10	2	24.0	
48693	CLEAVER	SOIL			8500	9250	2	43	12	38	0.3	3.02	14	3	5.0	
48694	CLEAVER	SOIL			8500	9300	1	14	11	34	0.2	1.99	11	2	7.0	
48695	CLEAVER	SOIL			8500	9350	1	11	7	28	0.1	1.82	9	2	11.0	
48696	CLEAVER	SOIL			8500	9400	1	9	6	43	0.2	1.83	5	3	3.0	
48688	CLEAVER	SOIL			8500	9450	1	8	7	18	0.1	1.60	4	5	9.0	
48687	CLEAVER	SOIL			8500	9500	1	14	7	25	0.1	1.55	7	3	11.0	
48686	CLEAVER	SOIL	BLACK-BROWN SOIL		8500	9550	3	23	16	45	0.1	0.38	2	2	2.0	
48685	CLEAVER	SOIL			8500	9600	1	14	5	23	0.2	1.51	5	3	9.0	
48684	CLEAVER	SOIL			8500	9650	1	13	9	51	0.1	1.49	4	3	1.0	
48683	CLEAVER	SOIL			8500	9700	1	12	6	61	0.1	1.70	8	2	5.0	
48682	CLEAVER	SOIL			8500	9750	1	20	11	47	0.2	1.95	18	5	6.0	
48681	CLEAVER	SOIL			8500	9800	1	11	11	35	0.1	1.46	7	6	1.0	
48680	CLEAVER	SOIL			8500	9850	1	21	13	51	0.1	2.11	15	2	6.0	
48679	CLEAVER	SOIL			8500	9900	1	23	12	122	0.2	1.88	20	5	5.0	
48678	CLEAVER	SOIL			8500	9950	1	16	14	81	0.1	2.00	15	3	1.0	
48677	CLEAVER	SOIL			8500	10000	1	35	12	95	0.1	2.34	23	3	6.0	
49091	CLEAVER	SOIL	STATION JUST BELOW ROCKY RIDGE		8500	10000	1	47	10	45	0.1	1.69	17	2	5.0	
49092	CLEAVER	SOIL			8500	10050	1	20	13	66	0.1	2.03	26	2	7.0	
49093	CLEAVER	SOIL			8500	10100	1	25	9	79	0.1	2.11	12	2	35.0	
49094	CLEAVER	SOIL			8500	10150	1	53	10	107	0.1	2.46	55	2	16.0	
49095	CLEAVER	SOIL			8500	10200	1	21	11	55	0.1	2.20	18	3	3.0	
49096	CLEAVER	SOIL			8500	10250	1	16	11	58	0.1	2.18	22	3	3.0	
49097	CLEAVER	SOIL			8500	10300	1	14	8	71	0.1	1.76	70	2	8.0	
49098	CLEAVER	SOIL			8500	10350	1	19	5	47	0.1	1.79	35	2	2.0	
49099	CLEAVER	SOIL	OLD ROAD AT STATION		8500	10400	1	25	9	53	0.1	1.89	29	2	5.0	
49100	CLEAVER	SOIL			8500	10450	1	15	11	40	0.1	1.68	12	3	3.0	

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Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48501	CLEAVER	SOIL			8500	10500	1	12	6	64	0.1	1.79	6	3	4.0	
48502	CLEAVER	SOIL			8500	10550	2	45	11	40	0.2	2.87	30	2	87.0	
48503	CLEAVER	SOIL			8500	10600	1	14	8	59	0.1	1.88	18	2	4.0	
48504	CLEAVER	SOIL	ROAD AT 10625E		8500	10650	1	72	9	33	0.1	1.72	9	3	7.0	
48505	CLEAVER	SOIL			8500	10700	1	12	7	51	0.1	1.71	10	5	7.0	
48506	CLEAVER	SOIL			8500	10750	1	21	4	58	0.1	2.21	25	7	10.0	
48507	CLEAVER	SOIL			8500	10800	1	31	7	100	0.1	2.57	26	3	10.0	
48508	CLEAVER	SOIL			8500	10850	1	30	13	133	0.2	2.90	32	2	20.0	
48509	CLEAVER	SOIL			8500	10900	1	20	12	95	0.1	3.27	35	4	10.0	
48510	CLEAVER	SOIL			8500	10950	1	17	10	77	0.1	3.48	51	3	6.0	
48511	CLEAVER	SOIL			8500	11000	1	15	18	90	0.1	2.51	62	4	16.0	
48512	CLEAVER	SOIL			8500	11050	1	16	7	107	0.1	1.79	52	7	11.0	
48513	CLEAVER	SOIL			8500	11100	1	15	7	58	0.1	2.13	46	3	8.0	
48514	CLEAVER	SOIL			8500	11150	1	21	6	64	0.1	2.38	40	3	32.0	
48515	CLEAVER	SOIL			8500	11200	1	19	9	55	0.1	2.45	49	6	7.0	
48516	CLEAVER	SOIL			8500	11250	1	16	7	61	0.1	2.55	92	2	19.0	
48517	CLEAVER	SOIL	SAMPLE TAKEN 15M EAST OF STATION		8500	11300	1	15	4	61	0.1	1.60	42	3	2.0	
48518	CLEAVER	SOIL	TOP OF CLIFF		8500	11350	1	24	6	41	0.1	3.12	39	5	25.0	
48519	CLEAVER	SOIL	STEEP TALUS SLOPE, ROCKY SOIL		8500	11400	1	40	12	64	0.1	2.82	122	2	17.0	
48520	CLEAVER	SOIL			8500	11450	1	19	7	55	0.1	2.17	22	2	4.0	
48521	CLEAVER	SOIL			8500	11500	1	26	6	35	0.1	2.88	27	2	61.0	
48522	CLEAVER	SOIL			8500	11550	1	19	10	57	0.1	2.26	94	3	24.0	
48523	CLEAVER	SOIL			8500	11600	1	19	6	59	0.1	2.15	98	2	5.0	
48524	CLEAVER	SOIL			8500	11650	1	39	7	102	0.1	3.24	36	2	15.0	
48525	CLEAVER	SOIL			8500	11700	1	68	5	81	0.2	3.00	25	2	10.0	
48526	CLEAVER	SOIL			8500	11750	1	62	5	93	0.1	2.42	24	2	5.0	
48527	CLEAVER	SOIL			8500	11800	1	46	9	65	0.1	2.78	21	2	14.0	
48528	CLEAVER	SOIL			8500	11850	1	61	8	64	1.1	3.22	29	2	26.0	
48529	CLEAVER	SOIL			8500	11900	3	550	5	88	1.3	4.37	503	3	410.0	
48530	CLEAVER	SOIL			8500	11950	1	61	6	150	0.1	2.68	91	2	23.0	
48531	CLEAVER	SOIL			8500	12000	1	81	12	238	0.2	2.87	102	2	19.0	
48607	CLEAVER	SOIL			8800	8000	1	29	8	107	0.1	2.70	21	2	6.0	
48608	CLEAVER	SOIL			8800	8050	1	21	9	186	0.1	2.33	20	2	2.0	
48609	CLEAVER	SOIL			8800	8100	1	32	5	94	0.1	2.97	14	2	5.0	
48610	CLEAVER	SOIL			8800	8150	1	17	8	99	0.1	2.67	26	2	3.0	
48611	CLEAVER	SOIL			8800	8200	1	16	9	87	0.1	2.31	10	2	3.0	
48612	CLEAVER	SOIL			8800	8250	1	20	8	57	0.1	2.36	3	2	6.0	
48613	CLEAVER	SOIL	OUTCROP AT STATION		8800	8300	1	17	10	49	0.1	2.36	2	4	2.0	
48614	CLEAVER	SOIL	OUTCROP		8800	8350	1	16	8	46	0.1	2.34	2	2	5.0	
48615	CLEAVER	SOIL			8800	8400	1	29	13	65	0.3	2.46	38	2	11.0	
48616	CLEAVER	SOIL			8800	8450	1	28	11	66	0.2	2.43	36	2	8.0	
48617	CLEAVER	SOIL			8800	8500	1	22	9	53	0.1	2.72	58	2	13.0	
48618	CLEAVER	SOIL			8800	8550	1	20	10	59	0.1	2.73	57	3	15.0	

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CLEAVER

Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48619	CLEAVER	SOIL			8800	8600	1	20	10	53	0.1	2.29	37	3	8.0	
48620	CLEAVER	SOIL			8800	8650	1	19	3	55	0.1	2.25	30	6	3.0	
48621	CLEAVER	SOIL			8800	8700	1	52	4	105	0.1	2.62	29	2	21.0	
48622	CLEAVER	SOIL			8800	8750	1	51	4	108	0.1	2.61	28	2	34.0	
48623	CLEAVER	SOIL			8800	8800	1	27	8	64	0.1	2.19	29	2	13.0	
48624	CLEAVER	SOIL			8800	8850	1	27	2	65	0.1	2.26	27	2	17.0	
48625	CLEAVER	SOIL			8800	8900	1	29	5	62	0.1	2.21	29	2	12.0	
48626	CLEAVER	SOIL			8800	8950	1	22	11	36	0.1	2.14	12	2	4.0	
48627	CLEAVER	SOIL			8800	9000	1	21	3	39	0.1	2.14	13	2	4.0	
48638	CLEAVER	SOIL			8800	9050	1	12	5	113	0.1	1.82	8	2	4.0	
48963	CLEAVER	SOIL	CREEK AT 9090E		8800	9050										
48639	CLEAVER	SOIL			8800	9100	1	13	7	115	0.1	1.84	9	2	3.0	
48964	CLEAVER	SOIL	CREEK AT 9080E		8800	9100										
48640	CLEAVER	SOIL			8800	9150	1	14	10	61	0.1	2.20	8	2	8.0	
48965	CLEAVER	SOIL			8800	9150										
48641	CLEAVER	SOIL	CUT BLOCK		8800	9200	1	11	10	48	0.1	1.64	2	4	4.0	
48966	CLEAVER	SOIL	CUT BLOCK		8800	9200										
48642	CLEAVER	SOIL	CUT BLOCK		8800	9250	4	84	13	22	0.1	3.07	79	2	8.0	
48967	CLEAVER	SOIL			8800	9250										
48643	CLEAVER	SOIL	CUT BLOCK		8800	9300	1	16	5	47	0.1	2.01	3	2	5.0	
48968	CLEAVER	SOIL			8800	9300										
48644	CLEAVER	SOIL	CUT BLOCK		8800	9350	1	12	5	51	0.1	2.00	2	4	14.0	
48969	CLEAVER	SOIL	ROAD AT 9325E		8800	9350										
48645	CLEAVER	SOIL	CUT BLOCK		8800	9400	1	17	7	36	0.1	1.61	3	4	2.0	
48970	CLEAVER	SOIL			8800	9400										
48646	CLEAVER	SOIL			8800	9450	1	20	7	37	0.1	1.67	5	3	2.0	
48971	CLEAVER	SOIL			8800	9450										
48647	CLEAVER	SOIL	CUT BLOCK		8800	9500	1	10	7	66	0.1	1.66	2	3	3.0	
48972	CLEAVER	SOIL			8800	9500										
48648	CLEAVER	SOIL	CUT BLOCK		8800	9550	1	14	6	39	0.1	1.86	6	2	3.0	
48973	CLEAVER	SOIL	GOOD, REDDISH SOIL		8800	9550										
48657	CLEAVER	SOIL			8800	9600	1	40	15	25	0.1	1.51	6	2	2.0	
48974	CLEAVER	SOIL	BOG AT 9650E, NO SAMPLE		8800	9600										
48656	CLEAVER	SOIL			8800	9650	2	39	15	34	0.1	1.70	10	5	5.0	
48655	CLEAVER	SOIL			8800	9700	2	35	13	29	0.1	1.59	7	2	1.0	
48900	CLEAVER	SOIL	SWAMPY, POOR SOIL		8800	9700										
48654	CLEAVER	SOIL	CUT BLOCK		8800	9750	1	12	3	24	0.1	1.77	4	2	8.0	
48899	CLEAVER	SOIL	ROCKY SOIL; CLEAR CUT		8800	9750										
48653	CLEAVER	SOIL			8800	9800	1	9	4	28	0.1	1.84	4	2	6.0	
48898	CLEAVER	SOIL	GOOD B-HORIZON; CLEAR CUT		8800	9800										
48450	CLEAVER	SOIL	GOOD B-HORIZON		8800	9850	1	11	8	26	0.1	1.98	5	4	9.0	
48652	CLEAVER	SOIL	CUT BLOCK		8800	9850	1	8	3	34	0.1	1.85	3	2	7.0	
48449	CLEAVER	SOIL	GOOD B-HORIZON; CLEAR CUT		8800	9900										

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CLEAVER

Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48651	CLEAVER	SOIL	CUT BLOCK		8800	9900	1	14	9	38	0.1	2.14	9	2	250.0	
48448	CLEAVER	SOIL	CLEAR CUT; ROCKY SOIL		8800	9950										
48650	CLEAVER	SOIL	CUT BLOCK		8800	9950	1	22	14	91	0.1	2.33	34	2	12.0	
48332	CLEAVER	SOIL	IN CUT BLOCK		8800	10000	1	39	8	67	0.3	1.98	127	3	11.0	
48649	CLEAVER	SOIL	CUT BLOCK		8800	10000	1	21	11	117	0.1	2.16	107	2	9.0	
48333	CLEAVER	SOIL	CUT BLOCK		8800	10050	1	15	9	41	0.1	1.57	8	3	2.0	
48334	CLEAVER	SOIL			8800	10100	1	17	6	29	0.1	1.70	19	2	17.0	
48335	CLEAVER	SOIL			8800	10150	1	14	8	84	0.1	1.96	27	2	10.0	
48336	CLEAVER	SOIL	END OF CUT BLOCK		8800	10200	1	35	19	231	0.3	2.53	68	2	44.0	
48337	CLEAVER	SOIL	B-HORIZON DEEPER THAN 10CM		8800	10250	1	45	9	117	0.2	2.36	75	2	10.0	
48338	CLEAVER	SOIL			8800	10300	1	69	3	109	0.1	2.46	115	2	5.0	
48339	CLEAVER	SOIL			8800	10350	1	11	6	74	0.1	1.81	28	2	2.0	
48340	CLEAVER	SOIL			8800	10400	1	37	3	67	0.2	2.24	74	3	1.0	
48341	CLEAVER	SOIL			8800	10450	1	22	6	49	0.1	2.29	28	4	1.0	
48342	CLEAVER	SOIL			8800	10500	1	18	7	50	0.1	1.90	18	2	6.0	
48343	CLEAVER	SOIL	MAIN ROAD AT 10535E		8800	10550	1	14	5	54	0.1	1.94	17	2	16.0	
48344	CLEAVER	SOIL			8800	10600	1	24	2	70	0.1	2.62	29	2	690.0	
48345	CLEAVER	SOIL			8800	10650	1	19	7	61	0.1	2.04	12	2	28.0	
48346	CLEAVER	SOIL			8800	10700	1	20	6	41	0.1	2.28	21	2	81.0	
48347	CLEAVER	SOIL			8800	10750	1	14	7	62	0.8	1.94	31	2	40.0	
48348	CLEAVER	SOIL			8800	10800	1	13	5	138	0.1	1.79	34	2	5.0	
48349	CLEAVER	SOIL	OUTCROP AT STATION		8800	10850	1	18	15	120	0.1	2.64	9	3	8.0	
48350	CLEAVER	SOIL			8800	10900	1	14	5	106	0.2	1.94	25	3	20.0	
48351	CLEAVER	SOIL			8800	10950	1	11	2	95	0.1	1.88	26	3	6.0	
48352	CLEAVER	SOIL	VERY FINE, SILTY SOIL		8800	11000	1	12	4	69	0.1	1.71	13	3	9.0	
48353	CLEAVER	SOIL			8800	11050	1	14	6	89	0.1	2.56	44	2	7.0	
48354	CLEAVER	SOIL			8800	11100	1	6	5	46	0.1	1.54	12	2	6.0	
48355	CLEAVER	SOIL			8800	11150	1	15	3	126	0.2	1.91	21	3	1.0	
48356	CLEAVER	SOIL			8800	11200	1	10	4	67	0.1	2.11	15	3	3.0	
48357	CLEAVER	SOIL			8800	11250	1	13	7	85	0.1	1.61	23	2	57.0	
48358	CLEAVER	SOIL			8800	11300	1	16	9	109	0.2	2.21	27	2	130.0	
48359	CLEAVER	SOIL			8800	11350	1	14	2	57	0.2	1.95	19	5	5.0	
48360	CLEAVER	SOIL	ROAD AT 11390E		8800	11400	1	14	6	69	0.1	2.13	17	2	12.0	
48361	CLEAVER	SOIL			8800	11450	1	11	3	78	0.1	2.41	18	2	30.0	
48362	CLEAVER	SOIL			8800	11500	1	13	2	34	0.1	2.22	7	2	17.0	
48363	CLEAVER	SOIL			8800	11550	1	7	4	76	0.1	1.35	2	2	17.0	
48364	CLEAVER	SOIL			8800	11600	1	18	2	87	0.1	2.16	43	4	8.0	
48365	CLEAVER	SOIL			8800	11650	1	20	4	85	0.1	1.99	38	2	21.0	
48366	CLEAVER	SOIL			8800	11700	1	19	2	125	0.1	2.05	24	2	6.0	
48367	CLEAVER	SOIL			8800	11750	1	14	4	93	0.1	1.92	13	2	10.0	
48368	CLEAVER	SOIL			8800	11800	1	12	2	193	0.2	1.51	10	2	1.0	
48369	CLEAVER	SOIL			8800	11850	1	13	10	92	0.2	1.83	14	4	6.0	
48370	CLEAVER	SOIL			8800	11900	1	34	8	80	0.1	2.52	57	5	7.0	

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Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48371	CLEAVER	SOIL	OUTCROP & TALUS, VERY ROCKY SOIL		8800	11950	2	247	12	220	0.9	6.81	1385	2	650.0	
48372	CLEAVER	SOIL	CLAIM LINE AT 11980E, ADIT AT 12000E		8800	12000	1	88	9	82	0.4	3.00	195	5	38.0	
48276	CLEAVER	SOIL	NO GEOCHEM FOR THIS SAMPLE		9100	8000										
48277	CLEAVER	SOIL			9100	8050	1	15	6	64	0.2	1.85	6	4	2.0	
48278	CLEAVER	SOIL			9100	8100	1	32	8	103	0.3	2.53	8	2	4.0	
48279	CLEAVER	SOIL			9100	8150	1	30	10	103	0.3	2.46	7	2	5.0	
48280	CLEAVER	SOIL			9100	8200	2	45	9	136	0.3	2.74	5	2	2.0	
48281	CLEAVER	SOIL			9100	8250	1	25	8	147	0.2	2.41	6	3	3.0	
48282	CLEAVER	SOIL			9100	8300	2	56	9	237	0.5	2.35	17	2	5.0	
48283	CLEAVER	SOIL			9100	8350	2	53	8	236	0.6	2.33	18	2	2.0	
48284	CLEAVER	SOIL			9100	8400	2	27	2	94	0.5	2.24	5	3	3.0	
48285	CLEAVER	SOIL			9100	8450	1	16	11	60	0.2	1.90	2	3	1.0	
48286	CLEAVER	SOIL			9100	8500	1	8	7	61	0.2	1.73	8	5	2.0	
48287	CLEAVER	SOIL			9100	8550	1	17	11	85	0.1	2.01	2	2	2.0	
48288	CLEAVER	SOIL	RED-GREY SOIL		9100	8600	1	8	9	50	0.1	1.95	2	2	1.0	
48289	CLEAVER	SOIL			9100	8650	1	32	7	103	0.1	3.08	26	4	77.0	
48290	CLEAVER	SOIL			9100	8700	1	33	8	100	0.1	3.12	19	2	220.0	
48291	CLEAVER	SOIL			9100	8750	1	41	8	60	0.1	2.55	10	4	77.0	
48292	CLEAVER	SOIL			9100	8800	1	30	9	68	0.2	2.15	20	3	130.0	
48293	CLEAVER	SOIL			9100	8850	2	22	13	65	0.2	1.90	50	2	6.0	
48294	CLEAVER	SOIL			9100	8900	2	21	12	78	0.3	1.93	53	2	4.0	
48295	CLEAVER	SOIL			9100	8950	1	14	9	122	0.2	2.07	17	5	6.0	
48296	CLEAVER	SOIL			9100	9000	2	15	12	119	0.2	2.01	21	5	5.0	
48297	CLEAVER	SOIL			9100	9050	1	13	9	69	0.2	2.20	2	6	8.0	
48298	CLEAVER	SOIL			9100	9100	1	11	12	61	0.1	2.10	2	3	62.0	
48299	CLEAVER	SOIL	RED-GREY SOIL, STATION BESIDE ROAD		9100	9150	1	7	11	39	0.1	1.79	2	4	5.0	
48300	CLEAVER	SOIL			9100	9200	1	17	10	64	0.2	2.27	49	3	8.0	
48601	CLEAVER	SOIL			9100	9250	1	15	14	46	0.1	2.29	20	2	7.0	
48602	CLEAVER	SOIL			9100	9300	2	15	14	84	0.1	2.17	9	2	12.0	
48603	CLEAVER	SOIL			9100	9350	2	17	10	74	0.1	2.22	2	2	3.0	
48604	CLEAVER	SOIL			9100	9400	1	11	6	38	0.1	2.02	10	3	4.0	
48605	CLEAVER	SOIL			9100	9450	1	14	10	40	0.1	1.97	9	2	5.0	
48631	CLEAVER	SOIL			9100	9550	2	53	10	61	0.1	2.92	87	2	24.0	
48606	CLEAVER	SOIL	DUPLICATE SAMPLE		9100	9550	1	15	7	29	0.1	2.04	41	4	13.0	
48628	CLEAVER	SOIL	CUT BLOCK		9100	9600	2	12	9	58	0.1	2.16	27	2	5.0	
48496	CLEAVER	SOIL	CUT BLOCK, REDDISH-BROWN SOIL		9100	9650										
48629	CLEAVER	SOIL			9100	9650	2	17	3	33	0.1	1.99	12	5	1.0	
48497	CLEAVER	SOIL	REDDISH-BROWN SOIL		9100	9700										
48630	CLEAVER	SOIL			9100	9700	1	11	8	42	0.1	1.97	12	3	16.0	
48498	CLEAVER	SOIL			9100	9750										
48632	CLEAVER	SOIL			9100	9750	2	20	12	40	0.1	2.34	17	2	1.0	
48499	CLEAVER	SOIL			9100	9800										
48633	CLEAVER	SOIL			9100	9800	3	22	9	38	0.1	2.10	7	2	54.0	

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Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48500	CLEAVER	SOIL			9100	9850										
48634	CLEAVER	SOIL			9100	9850	3	20	5	32	0.1	2.02	7	2	11.0	
48635	CLEAVER	SOIL			9100	9900	2	20	5	46	0.1	2.05	18	3	11.0	
48961	CLEAVER	SOIL	GOOD, REDDISH-BROWN SOIL		9100	9900										
48637	CLEAVER	SOIL	LINE 9__ ON BUG SHEET, 9100?		9100	9950	1	13	4	55	0.1	1.60	2	2	1.0	
48962	CLEAVER	SOIL	CUT BLOCK		9100	9950										
48636	CLEAVER	SOIL			9100	10000	1	13	6	50	0.1	1.61	4	3	1.0	
49051	CLEAVER	SOIL	STATION ON RIDGETOP; LOGGING BLOCK		9100	10050	1	14	6	58	0.1	1.83	6	4	4.0	
49052	CLEAVER	SOIL	LOGGING BLOCK		9100	10100	2	16	8	86	0.1	1.74	6	3	2.0	
49053	CLEAVER	SOIL			9100	10150	1	12	5	65	0.1	1.76	10	3	6.0	
49054	CLEAVER	SOIL			9100	10200	1	61	9	66	0.2	2.49	27	2	2.0	
49055	CLEAVER	SOIL			9100	10250	1	15	4	100	0.1	1.85	14	3	5.0	
49056	CLEAVER	SOIL			9100	10300	1	13	7	74	0.1	1.67	9	3	2.0	
49057	CLEAVER	SOIL			9100	10350	1	10	3	73	0.1	1.67	9	4	2.0	
49058	CLEAVER	SOIL			9100	10400	1	17	8	73	0.1	2.16	10	2	11.0	
49059	CLEAVER	SOIL	STATION NEXT TO MAIN LOGGING ROAD		9100	10450	1	10	9	92	0.1	1.99	5	2	3.0	
49060	CLEAVER	SOIL	STATION BELOW ROAD		9100	10500	1	17	7	77	0.1	2.05	12	2	8.0	
49061	CLEAVER	SOIL			9100	10550	1	27	9	78	0.1	2.38	32	2	22.0	
49062	CLEAVER	SOIL			9100	10600	1	13	7	43	0.1	1.93	15	2	10.0	
49063	CLEAVER	SOIL			9100	10650	1	26	8	70	0.1	2.18	16	2	10.0	
49064	CLEAVER	SOIL			9100	10700	1	18	5	58	0.1	1.93	16	2	8.0	
49065	CLEAVER	SOIL			9100	10750	1	12	5	63	0.1	1.67	20	3	4.0	
49066	CLEAVER	SOIL			9100	10800	1	12	5	47	0.1	2.09	27	2	10.0	
49067	CLEAVER	SOIL			9100	10850	1	8	6	52	0.1	1.87	6	3	10.0	
49068	CLEAVER	SOIL			9100	10900	1	10	6	30	0.1	1.73	5	3	6.0	
49069	CLEAVER	SOIL	CREEK GULLEY		9100	10950	1	32	11	50	0.1	2.46	24	2	8.0	
49070	CLEAVER	SOIL			9100	11000	1	19	11	47	0.1	2.57	3	2	6.0	
49071	CLEAVER	SOIL	STATION ON NORTH SIDE OF CREEK		9100	11050	1	29	13	90	0.1	2.67	18	2	19.0	
49072	CLEAVER	SOIL			9100	11100	1	40	14	85	0.1	2.76	29	2	35.0	
49073	CLEAVER	SOIL	STATION ON TALUS SLOPE		9100	11150	1	51	11	62	0.1	2.67	6	2	55.0	
49074	CLEAVER	SOIL			9100	11200	1	29	8	68	0.1	2.33	8	2	25.0	
49075	CLEAVER	SOIL			9100	11250	1	35	8	114	0.1	2.27	16	2	26.0	
49076	CLEAVER	SOIL			9100	11300	1	32	9	47	0.1	2.30	20	2	52.0	
49077	CLEAVER	SOIL			9100	11350	1	30	5	64	0.1	2.42	11	2	19.0	
49078	CLEAVER	SOIL			9100	11400	1	56	13	71	0.1	2.84	18	3	60.0	
49079	CLEAVER	SOIL	ROCKY SLOPE		9100	11450	1	22	10	130	0.1	2.08	10	2	22.0	
49080	CLEAVER	SOIL			9100	11500	1	21	6	72	0.1	2.09	12	2	54.0	
49081	CLEAVER	SOIL			9100	11550	1	34	12	78	0.1	2.31	26	3	58.0	
49082	CLEAVER	SOIL			9100	11600	1	17	11	112	0.1	1.60	20	2	7.0	
49083	CLEAVER	SOIL			9100	11650	1	21	10	80	0.1	2.11	14	3	6.0	
49084	CLEAVER	SOIL			9100	11700	1	32	7	185	0.2	2.02	28	2	4.0	
49085	CLEAVER	SOIL			9100	11750	1	32	7	175	0.1	1.96	26	2	21.0	
49086	CLEAVER	SOIL			9100	11800	1	28	10	149	0.1	1.80	52	2	22.0	

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Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
49087	CLEAVER	SOIL			9100	11850	1	26	9	83	0.1	2.39	38	2	20.0	
49088	CLEAVER	SOIL			9100	11900	1	19	10	84	0.1	1.94	19	4	2.0	
49089	CLEAVER	SOIL			9100	11950	1	53	7	42	0.1	1.53	36	2	3.0	
49090	CLEAVER	SOIL			9100	12000	1	85	10	82	0.2	3.01	135	3	33.0	
48734	CLEAVER	SOIL	ROAD, CUT BLOCK ENDS 50M WEST		9400	8000	1	15	6	65	0.1	1.88	2	4	2.0	
48735	CLEAVER	SOIL	WELL DEVELOPED SOIL		9400	8050	1	17	6	83	0.1	2.32	4	2	1.0	
48736	CLEAVER	SOIL	REDDISH-BROWN SOIL		9400	8100	1	17	5	53	0.1	2.33	7	4	94.0	
48737	CLEAVER	SOIL			9400	8150	1	10	10	164	0.1	2.48	13	3	3.0	
48738	CLEAVER	SOIL	ROAD 3M SOUTH OF STATION		9400	8200	2	66	7	305	0.2	4.24	38	2	5.0	
48739	CLEAVER	SOIL	ROAD 10M SOUTH OF STATION		9400	8250	1	18	4	92	0.2	2.58	10	2	1.0	
48740	CLEAVER	SOIL	CROSS ROAD AT 8295E, FENCE AT 8325E		9400	8300	2	25	8	68	0.1	2.54	15	2	2.0	
48741	CLEAVER	SOIL			9400	8350	2	18	4	44	0.2	1.85	8	2	2.0	
48742	CLEAVER	SOIL	OUTCROP AT STATION		9400	8400	1	22	8	54	0.1	2.07	8	2	3.0	
48743	CLEAVER	SOIL	OUTCROP AT STATION		9400	8450	1	16	8	90	0.1	2.19	20	4	8.0	
48744	CLEAVER	SOIL	OUTCROP AT STATION (ROCK SAMPLE?)		9400	8500	1	26	6	64	0.2	2.48	7	3	3.0	
48745	CLEAVER	SOIL	TRENCH 5M NORTH OF STATION		9400	8550	1	33	6	53	0.2	2.62	12	2	14.0	
48746	CLEAVER	SOIL	EDGE OF CUT BLOCK AT 8625E		9400	8600	1	31	2	84	0.2	2.74	15	4	5.0	
48747	CLEAVER	SOIL	REDDISH-BROWN SOIL, TRENCH AT 8630E		9400	8650	1	58	10	62	0.3	2.40	6	4	5.0	
48748	CLEAVER	SOIL	CREEK AT 8690E		9400	8700	7	24	7	82	0.2	4.05	52	2	14.0	
48749	CLEAVER	SOIL			9400	8750	1	15	6	56	0.1	2.15	6	5	9.0	
48750	CLEAVER	SOIL			9400	8800	1	20	4	52	0.1	2.56	10	2	12.0	
48751	CLEAVER	SOIL	OUTCROP EAST OF STATION		9400	8850	4	29	2	55	0.2	2.84	15	3	75.0	
48752	CLEAVER	SOIL			9400	8900										
48753	CLEAVER	SOIL	MAIN ROAD AT 8930E		9400	8950	2	23	12	84	0.1	2.30	3	2	4.0	
48754	CLEAVER	SOIL	REDDISH-BROWN SOIL		9400	9000	2	20	10	80	0.1	2.57	12	2	10.0	
48697	CLEAVER	SOIL			9400	9050	1	11	6	72	0.1	2.03	4	3	4.0	
48698	CLEAVER	SOIL			9400	9100	1	15	10	61	0.1	2.10	37	2	22.0	
48699	CLEAVER	SOIL			9400	9150	1	16	9	53	0.1	2.58	15	2	66.0	
48700	CLEAVER	SOIL			9400	9200	1	18	10	62	0.2	2.24	11	3	6.0	
48801	CLEAVER	SOIL			9400	9250	1	20	9	56	0.2	2.61	365	2	31.0	
48802	CLEAVER	SOIL			9400	9300	1	32	14	54	0.2	2.25	49	2	7.0	
48803	CLEAVER	SOIL			9400	9350	1	21	18	46	0.1	2.23	14	2	7.0	
48804	CLEAVER	SOIL			9400	9400	1	17	10	58	0.3	1.93	11	2	2.0	
48806	CLEAVER	SOIL			9400	9400	1	20	11	106	0.2	2.67	42	2	10.0	
48805	CLEAVER	SOIL			9400	9450	1	21	11	64	0.1	2.42	65	2	41.0	
48816	CLEAVER	SOIL			9400	9550	1	15	10	55	0.3	2.03	5	3	5.0	
48815	CLEAVER	SOIL			9400	9600	1	22	9	60	0.3	2.44	9	3	4.0	
48814	CLEAVER	SOIL			9400	9650	1	23	8	63	0.2	2.08	20	2	5.0	
48813	CLEAVER	SOIL			9400	9700	4	19	6	33	0.3	1.87	14	2	2.0	
48812	CLEAVER	SOIL			9400	9750	1	12	11	92	0.2	1.70	4	3	3.0	
48811	CLEAVER	SOIL			9400	9800	1	11	8	82	0.2	2.02	6	4	6.0	
48810	CLEAVER	SOIL			9400	9850	1	12	5	61	0.1	1.89	2	2	3.0	
48809	CLEAVER	SOIL			9400	9900	1	13	10	47	0.2	1.83	8	2	3.0	

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Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48808	CLEAVER	SOIL			9400	9950	1	20	12	39	0.1	1.87	41	2	24.0	
48301	CLEAVER	SOIL	B-HORIZON CLOSE TO SURFACE		9400	10000	1	28	8	48	0.1	2.30	39	5	16.0	
48807	CLEAVER	SOIL	DUPLICATE SAMPLE		9400	10000	1	24	9	64	0.1	2.51	34	3	3.0	
48302	CLEAVER	SOIL			9400	10050	1	36	16	59	0.1	2.45	16	2	12.0	
48303	CLEAVER	SOIL			9400	10100	2	43	8	63	0.1	2.38	40	3	66.0	
48304	CLEAVER	SOIL			9400	10150	1	36	18	93	0.2	2.59	30	5	8.0	
48305	CLEAVER	SOIL	4TH OF JULY ROAD JUNCTION AT 10280E		9400	10200	2	73	15	63	0.1	2.63	130	6	40.0	
48306	CLEAVER	SOIL	VERY ORGANIC SAMPLE		9400	10250	1	133	13	55	0.3	1.89	77	3	6.0	
48307	CLEAVER	SOIL	ROAD AT 10220E		9400	10300	1	22	12	107	0.2	1.94	35	6	5.0	
48308	CLEAVER	SOIL			9400	10350	1	19	11	78	0.1	2.20	60	4	66.0	
48309	CLEAVER	SOIL			9400	10400	4	113	12	81	0.2	2.94	91	4	440.0	
48310	CLEAVER	SOIL			9400	10450	1	26	10	79	0.1	2.06	38	2	29.0	
48311	CLEAVER	SOIL			9400	10500	1	26	7	76	0.3	1.93	108	4	13.0	
48312	CLEAVER	SOIL			9400	10550	2	19	9	84	0.1	1.81	38	4	2.0	
48313	CLEAVER	SOIL			9400	10600	1	16	10	47	0.2	1.82	10	4	6.0	
48314	CLEAVER	SOIL			9400	10650	1	22	8	96	0.1	2.10	13	3	12.0	
48315	CLEAVER	SOIL	OUTCROP AT 10675E, ROAD AT 10660E		9400	10700	4	20	13	108	0.1	2.66	15	2	11.0	
48316	CLEAVER	SOIL			9400	10750	3	52	14	71	0.2	1.84	30	6	3.0	
48317	CLEAVER	SOIL			9400	10800	1	8	5	53	0.1	1.77	2	2	11.0	
48318	CLEAVER	SOIL			9400	10850	1	12	7	42	0.2	1.69	5	2	3.0	
48319	CLEAVER	SOIL			9400	10900	1	58	10	118	0.2	3.02	20	2	9.0	
48320	CLEAVER	SOIL			9400	10950	1	16	7	89	0.1	1.89	25	6	3.0	
48321	CLEAVER	SOIL			9400	11000	1	9	9	84	0.1	1.73	13	4	4.0	
48323	CLEAVER	SOIL			9400	11000	1	10	8	102	0.1	2.15	20	2	3.0	
48322	CLEAVER	SOIL			9400	11050	1	14	7	70	0.1	1.70	24	2	17.0	
48324	CLEAVER	SOIL			9400	11150	1	28	12	48	0.1	2.38	28	2	7.0	
48325	CLEAVER	SOIL			9400	11200	1	50	10	128	0.5	2.58	29	5	77.0	
48326	CLEAVER	SOIL	OUTCROP AT STATION		9400	11250	1	37	12	98	0.2	2.57	23	2	22.0	
48327	CLEAVER	SOIL			9400	11300	1	26	8	154	0.1	1.59	13	2	5.0	
48328	CLEAVER	SOIL			9400	11350	3	388	20	102	1.3	3.91	23	2	150.0	
48329	CLEAVER	SOIL	OUTCROP AT STATION		9400	11400	1	111	13	89	0.5	2.75	12	2	120.0	
48330	CLEAVER	SOIL			9400	11450	1	27	13	63	0.1	1.97	12	2	8.0	
48331	CLEAVER	SOIL	OUTCROP AT STATION (TALUS BELOW)		9400	11500	2	40	16	88	0.1	2.36	12	2	8.0	
48930	CLEAVER	SOIL			9400	11550	2	41	19	89	0.1	2.67	21	2	5.0	
48931	CLEAVER	SOIL	VERY STEEP		9400	11600	1	60	23	148	0.1	2.70	40	2	35.0	
48932	CLEAVER	SOIL	ROCKY SLOPE		9400	11650	1	84	17	135	0.1	2.20	41	2	8.0	
48933	CLEAVER	SOIL			9400	11700	1	48	13	107	0.3	1.47	23	2	6.0	
48934	CLEAVER	SOIL	STEEP AND ROCKY		9400	11750	1	190	15	123	0.3	2.39	47	2	4.0	
48935	CLEAVER	SOIL			9400	11800	1	77	14	124	0.1	2.45	14	2	51.0	
48936	CLEAVER	SOIL			9400	11850	1	54	4	191	0.1	2.47	22	2	5.0	
48937	CLEAVER	SOIL	OUTCROP AT STATION, ROCKY SOIL		9400	11900	1	82	19	154	0.6	2.70	27	2	9.0	
48938	CLEAVER	SOIL			9400	11950	4	250	14	101	1.7	4.18	40	2	53.0	
48939	CLEAVER	SOIL			9400	12000	1	47	15	103	0.2	2.27	13	4	120.0	

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Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48594	CLEAVER	SOIL			9700	8000	2	25	11	106	0.2	2.54	17	2	4.0	
48595	CLEAVER	SOIL			9700	8050	1	14	8	49	0.1	2.13	27	2	12.0	
48596	CLEAVER	SOIL			9700	8100	2	19	12	88	0.2	2.70	17	2	7.0	
48597	CLEAVER	SOIL	OLD TRENCH AT 8120E, MINERALIZATION		9700	8150	2	20	9	34	0.1	2.57	23	2	8.0	
48598	CLEAVER	SOIL	LOGGING BLOCK		9700	8200	2	28	16	49	0.1	2.39	4	2	11.0	
48599	CLEAVER	SOIL	LOGGING BLOCK		9700	8250	2	27	4	47	0.1	2.22	20	2	20.0	
48600	CLEAVER	SOIL	LOGGING BLOCK		9700	8300	3	55	8	58	0.1	3.42	17	2	56.0	
48901	CLEAVER	SOIL	LOGGING BLOCK; SMALL CREEK		9700	8350	2	21	6	85	0.2	3.00	21	2	3.0	
48902	CLEAVER	SOIL	LOGGING BLOCK; NEXT TO ROAD & TRENCH		9700	8400	1	26	11	84	0.3	2.77	26	3	20.0	
48904	CLEAVER	SOIL	LOGGING BLOCK		9700	8500	1	31	9	68	0.1	2.30	9	3	6.0	
48905	CLEAVER	SOIL	LOGGING BLOCK		9700	8550	2	42	14	49	0.1	2.77	28	2	44.0	
48906	CLEAVER	SOIL	LOGGING BLOCK		9700	8600	1	32	18	102	0.1	2.76	9	2	4.0	
48907	CLEAVER	SOIL	LAKE AT 8700E & 8750E, NO SAMPLES		9700	8650	1	23	10	56	0.1	2.24	5	2	2.0	
48817	CLEAVER	SOIL	STEEP		9700	8850	1	46	5	109	0.1	3.37	41	2	15.0	
48818	CLEAVER	SOIL			9700	8900	1	10	8	84	0.1	1.57	8	2	2.0	
48819	CLEAVER	SOIL			9700	8950	2	46	10	85	0.1	2.88	28	2	33.0	
48820	CLEAVER	SOIL			9700	9000	2	52	7	61	0.1	3.14	19	2	81.0	
490 SOIL SAMPLES																
48821	CLEAVER		OUTCROP, NO SAMPLE TAKEN		9700	9050										
1 SAMPLES																
48822	CLEAVER	SOIL			9700	9100	1	31	10	65	0.1	2.37	11	2	8.0	
48823	CLEAVER	SOIL			9700	9150	2	37	8	235	0.2	3.27	14	2	66.0	
48824	CLEAVER	SOIL			9700	9200	1	17	10	68	0.2	2.12	8	2	3.0	
48825	CLEAVER	SOIL	ROCKY		9700	9250	1	21	6	90	0.1	2.48	9	2	2.0	
48826	CLEAVER	SOIL			9700	9300	1	42	9	67	0.1	2.78	13	2	3.0	
48827	CLEAVER	SOIL			9700	9350	1	35	14	60	0.2	2.48	14	2	8.0	
48828	CLEAVER	SOIL			9700	9400	1	21	6	50	0.1	1.96	10	4	11.0	
48829	CLEAVER	SOIL	CUT BLOCK		9700	9450	2	19	10	43	0.1	2.14	12	2	2.0	
48830	CLEAVER	SOIL			9700	9500	1	21	9	51	0.1	2.18	11	2	1.0	
48831	CLEAVER	SOIL			9700	9550	1	25	8	64	0.1	2.00	26	2	1.0	
48832	CLEAVER	SOIL			9700	9600	1	25	8	63	0.1	2.05	23	2	2.0	
48833	CLEAVER	SOIL			9700	9650	2	27	6	74	0.1	2.10	10	2	2.0	
48834	CLEAVER	SOIL	VERY ROCKY SOIL		9700	9700	1	42	6	98	0.1	3.19	12	2	13.0	
48873	CLEAVER	SOIL			9700	9750	2	41	9	83	0.1	2.06	28	2	360.0	
48874	CLEAVER	SOIL			9700	9800	1	17	12	61	0.1	2.29	14	2	4.0	
48875	CLEAVER	SOIL			9700	9850	1	27	7	72	0.1	2.25	15	2	6.0	
48876	CLEAVER	SOIL			9700	9900	1	34	13	67	0.1	2.32	26	2	4.0	
48877	CLEAVER	SOIL			9700	9950	1	40	9	45	0.3	1.87	53	3	1.0	
48255	CLEAVER	SOIL			9700	10000	2	61	9	125	0.2	3.32	23	2	30.0	
48256	CLEAVER	SOIL			9700	10050	4	212	13	58	0.1	2.46	50	3	19.0	
48257	CLEAVER	SOIL	BLACK-BROWN SOIL, VERY ROCKY		9700	10100	2	35	11	78	0.1	2.68	27	2	37.0	
48258	CLEAVER	SOIL			9700	10150	2	202	16	78	0.1	5.21	47	2	160.0	
48259	CLEAVER	SOIL			9700	10200	1	54	8	85	0.1	2.47	72	3	110.0	

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CLEAVER

Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48260	CLEAVER	SOIL			9700	10250	1	55	6	92	0.1	2.39	30	2	18.0	
48261	CLEAVER	SOIL			9700	10300	1	32	10	50	0.1	2.26	17	2	27.0	
48262	CLEAVER	SOIL			9700	10350	1	25	15	74	0.1	1.90	33	5	56.0	
48263	CLEAVER	SOIL			9700	10400	1	97	12	127	0.1	3.88	55	2	70.0	
48264	CLEAVER	SOIL			9700	10450	1	36	8	78	0.2	2.59	60	2	10.0	
48903	CLEAVER	SOIL	PROBABLY STATION B450E; NEXT TO ROAD		9700	10450	2	34	10	70	0.2	2.52	13	4	3.0	
48265	CLEAVER	SOIL			9700	10500	2	32	16	52	0.1	1.95	23	3	13.0	
48266	CLEAVER	SOIL			9700	10550	9	34	11	38	0.3	0.74	12	2	3.0	
48267	CLEAVER	SOIL			9700	10600	2	14	9	39	0.1	1.64	64	6	3.0	
48268	CLEAVER	SOIL			9700	10650	1	23	12	66	0.1	2.19	21	3	66.0	
48269	CLEAVER	SOIL			9700	10700	1	16	8	115	0.3	2.89	87	4	39.0	
48270	CLEAVER	SOIL			9700	10750	1	18	12	104	0.3	2.59	334	2	42.0	
48271	CLEAVER	SOIL			9700	10800	1	28	27	108	0.1	2.57	96	2	57.0	
48272	CLEAVER	SOIL			9700	10850	1	28	26	112	0.1	2.64	93	2	59.0	
48273	CLEAVER	SOIL			9700	10900	1	19	8	64	0.2	2.61	905	6	960.0	
48274	CLEAVER	SOIL			9700	10950	1	19	10	99	0.4	3.11	84	2	220.0	
48275	CLEAVER	SOIL			9700	11000	1	23	8	72	0.2	2.30	9	2	17.0	
48447	CLEAVER	SOIL	GOOD, BROWN-ORANGE B-HORIZON		10000	8000	1	15	5	22	0.1	2.01	7	4	2.0	
48446	CLEAVER	SOIL	POOR SOIL		10000	8050	1	11	7	32	0.1	1.76	3	2	2.0	
48445	CLEAVER	SOIL	POOR, ROCKY SOIL; ROAD AT STATION		10000	8100	1	12	12	50	0.1	1.76	10	2	1.0	
48444	CLEAVER	SOIL			10000	8150	1	13	11	46	0.1	2.08	7	2	1.0	
48443	CLEAVER	SOIL	ROCKY SOIL		10000	8200	1	18	12	63	0.1	2.28	10	2	4.0	
48442	CLEAVER	SOIL	NO SAMPLE AT 8300E (ROADS & LANDING)		10000	8250	1	19	7	47	0.1	2.37	33	3	19.0	
48441	CLEAVER	SOIL	DISTURBED SOIL NEAR SKIDDER ROAD		10000	8350	1	22	10	53	0.1	2.62	76	2	62.0	
48440	CLEAVER	SOIL	CLEAR CUT; GOOD B-HORIZON		10000	8400	2	51	11	30	0.4	2.43	53	2	36.0	
48439	CLEAVER	SOIL	GOOD B-HORIZON IN OPEN FOREST		10000	8450	1	23	9	45	0.1	2.24	9	2	12.0	
48438	CLEAVER	SOIL	SWAMPY, SAMPLED 18M WEST OF STATION		10000	8500	5	10	10	19	0.2	1.92	8	2	18.0	
48437	CLEAVER	SOIL	GOOD, BROWN-ORANGE B-HORIZON		10000	8550	1	14	14	25	0.1	2.41	6	3	19.0	
48436	CLEAVER	SOIL	POOR SOIL		10000	8600	1	17	9	21	0.1	1.02	5	5	2.0	
48435	CLEAVER	SOIL	POOR SOIL: SAND, ORGANICS, BLACK-GRY		10000	8650	1	11	11	51	0.2	1.36	3	2	12.0	
48434	CLEAVER	SOIL	TAN COLOURED SOIL		10000	8700	2	18	8	53	0.3	1.85	6	2	1.0	
48433	CLEAVER	SOIL	YELLOW-BROWN SOIL, GOOD B-HORIZON		10000	8750	1	39	8	81	0.1	2.31	61	2	1.0	
48432	CLEAVER	SOIL	BROWN-ORANGE SOIL, GOOD B-HORIZON		10000	8800	2	34	11	81	0.1	2.58	8	2	5.0	
48431	CLEAVER	SOIL	GOOD B-HORIZON; OPEN FOREST		10000	8850	2	24	11	144	0.1	3.10	4	2	3.0	
48430	CLEAVER	SOIL	BROWN-ORANGE SOIL; ROAD AT 8950E		10000	8900	1	16	8	61	0.1	1.83	11	8	4.0	
48878	CLEAVER	SOIL	STATION IS BESIDE ROAD		10000	8950	1	20	11	78	0.1	2.32	5	2	1.0	
48879	CLEAVER	SOIL			10000	9000	1	49	12	256	0.1	3.32	8	2	1.0	
48880	CLEAVER	SOIL			10000	9050	1	14	10	91	0.1	2.62	6	4	1.0	
48881	CLEAVER	SOIL			10000	9100	1	27	7	57	0.1	2.62	5	4	11.0	
48882	CLEAVER	SOIL			10000	9150	1	14	10	77	0.1	2.37	8	3	1.0	
48883	CLEAVER	SOIL			10000	9200	1	10	10	39	0.1	1.85	6	3	1.0	
48884	CLEAVER	SOIL			10000	9250	1	27	11	55	0.1	2.54	7	2	2.0	
48885	CLEAVER	SOIL			10000	9300	1	23	9	74	0.1	2.29	58	2	1.0	

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Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48886	CLEAVER	SOIL			10000	9350	1	10	8	43	0.1	1.84	5	2	1.0	
48892	CLEAVER	SOIL	PROBABLY STATION 9650E		10000	9350	1	21	9	79	0.1	2.28	6	4	1.0	
48887	CLEAVER	SOIL			10000	9400	1	18	15	62	0.1	2.24	7	3	1.0	
48888	CLEAVER	SOIL			10000	9450	1	20	9	73	0.1	2.55	20	2	3.0	
48889	CLEAVER	SOIL			10000	9500	1	22	8	87	0.1	3.08	6	2	19.0	
48890	CLEAVER	SOIL			10000	9550	1	20	14	56	0.1	2.33	9	2	1.0	
48891	CLEAVER	SOIL			10000	9600	1	24	8	112	0.1	2.13	11	2	5.0	
48893	CLEAVER	SOIL			10000	9700	1	20	13	124	0.2	2.59	14	2	3.0	
48894	CLEAVER	SOIL			10000	9750	1	28	4	128	0.1	2.38	10	2	3.0	
48895	CLEAVER	SOIL			10000	9800	2	28	8	102	0.1	2.73	25	2	11.0	
48896	CLEAVER	SOIL			10000	9850	3	70	8	119	0.1	2.76	10	2	5.0	
48897	CLEAVER	SOIL			10000	9900	2	22	8	124	0.1	2.41	33	2	20.0	
48201	CLEAVER	SOIL	OUTCROP ON BASELINE		10000	10000	1	27	13	74	0.1	2.33	46	4	22.0	
48202	CLEAVER	SOIL	STATION NEXT TO OLD ROAD		10000	10050	1	102	8	77	0.1	3.53	75	2	140.0	
48203	CLEAVER	SOIL			10000	10100	1	19	14	61	0.1	1.96	30	4	26.0	
48204	CLEAVER	SOIL			10000	10150	1	18	11	72	0.1	2.98	54	2	7.0	
48205	CLEAVER	SOIL	OUTCROP AT STATION		10000	10200	2	27	12	53	0.1	2.59	18	2	7.0	
48206	CLEAVER	SOIL	ROCKY		10000	10250	2	46	15	117	0.2	3.06	96	2	27.0	
48207	CLEAVER	SOIL	ROCKY		10000	10300	2	40	9	98	0.1	3.34	110	2	29.0	
48208	CLEAVER	SOIL			10000	10350	1	30	15	87	0.1	2.53	29	2	5.0	
48209	CLEAVER	SOIL			10000	10400	1	23	14	72	0.1	2.21	22	2	4.0	
48210	CLEAVER	SOIL	OUTCROP AT STATION		10000	10450	3	32	15	97	0.1	2.71	38	3	83.0	
48211	CLEAVER	SOIL			10000	10500	1	22	11	77	0.1	2.30	13	3	3.0	
48212	CLEAVER	SOIL			10000	10550	1	15	9	123	0.1	1.89	18	3	2.0	
48213	CLEAVER	SOIL	STATION IS NEXT TO ROAD		10000	10600	1	23	13	92	0.1	2.12	16	2	2.0	
49022	CLEAVER	SOIL			10000	10650	1	46	5	25	0.3	0.45	2	5	3.0	
49023	CLEAVER	SOIL			10000	10700	1	21	12	65	0.1	1.93	9	2	63.0	
49024	CLEAVER	SOIL			10000	10750	1	15	16	74	0.1	1.92	17	3	9.0	
49025	CLEAVER	SOIL			10000	10800	1	15	10	62	0.1	1.92	49	2	7.0	
49026	CLEAVER	SOIL			10000	10850	1	32	6	34	0.3	1.38	77	2	7.0	
49027	CLEAVER	SOIL			10000	10900	1	11	11	61	0.2	1.71	18	2	4.0	
49028	CLEAVER	SOIL			10000	10950	1	13	11	78	0.2	1.83	22	3	31.0	
49029	CLEAVER	SOIL			10000	11000	1	9	8	25	0.1	2.05	12	3	27.0	
48756	CLEAVER	SOIL	CUT BLOCK		10300	8000	1	25	4	66	0.3	1.85	14	4	2.0	
48757	CLEAVER	SOIL			10300	8050	2	18	4	94	0.3	1.78	16	2	2.0	
48758	CLEAVER	SOIL			10300	8100	2	13	4	78	0.1	1.88	2	2	1.0	
48759	CLEAVER	SOIL	ROAD AT STATION		10300	8150	1	17	2	60	0.1	2.32	2	5	1.0	
48760	CLEAVER	SOIL			10300	8200	1	28	9	62	0.1	2.30	9	2	1.0	
48761	CLEAVER	SOIL			10300	8250	2	40	9	66	0.1	2.75	7	2	2.0	
48762	CLEAVER	SOIL			10300	8300	2	30	12	80	0.3	2.25	17	2	1.0	
48763	CLEAVER	SOIL			10300	8350	2	22	11	90	0.1	2.29	9	3	1.0	
48764	CLEAVER	SOIL	ROAD AT 8430E		10300	8400	2	30	8	86	0.2	2.22	10	2	1.0	
48765	CLEAVER	SOIL			10300	8450	2	34	9	75	0.1	2.04	9	2	1.0	

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Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48766	CLEAVER	SOIL			10300	8500	1	37	10	80	0.1	2.60	11	2	9.0	
48767	CLEAVER	SOIL	POOR, VERY ORGANIC, DARK-BROWN SOIL		10300	8550	2	63	5	79	0.4	1.36	10	2	2.0	
48768	CLEAVER	SOIL	STATION NEAR BOG; POOR, ORGANIC SOIL		10300	8600	3	98	15	53	0.2	2.06	8	2	4.0	
48769	CLEAVER	SOIL	SWAMP AT 8650E-NO SAMPLE; ROAD 8710E		10300	8700	1	39	10	47	0.3	1.47	4	2	3.0	
48770	CLEAVER	SOIL	GOOD SOIL		10300	8750	1	29	16	92	0.1	2.69	19	2	1.0	
48771	CLEAVER	SOIL			10300	8800	1	30	13	104	0.2	2.59	13	2	1.0	
48772	CLEAVER	SOIL			10300	8850	1	15	10	56	0.1	2.08	2	2	2.0	
48773	CLEAVER	SOIL			10300	8900	3	39	8	111	0.3	3.02	5	2	1.0	
48774	CLEAVER	SOIL			10300	8950	1	18	14	63	0.1	2.38	3	2	1.0	
48775	CLEAVER	SOIL	OUTCROP AT 8975E, GULLEY AT 8990E		10300	9000	1	16	11	87	0.1	2.10	9	2	1.0	
48835	CLEAVER	SOIL			10300	9050	1	9	7	57	0.1	1.73	2	3	1.0	
48836	CLEAVER	SOIL			10300	9100	1	15	9	111	0.1	1.96	8	2	1.0	
48837	CLEAVER	SOIL			10300	9150	1	9	7	43	0.1	1.66	2	6	1.0	
48838	CLEAVER	SOIL			10300	9200	1	21	9	47	0.2	1.83	2	4	1.0	
48839	CLEAVER	SOIL			10300	9250	1	14	8	67	0.1	1.96	2	3	1.0	
48840	CLEAVER	SOIL			10300	9300	1	14	5	90	0.1	1.95	5	4	1.0	
48841	CLEAVER	SOIL			10300	9350	2	80	8	82	0.3	2.05	13	2	1.0	
48842	CLEAVER	SOIL			10300	9400	3	36	6	122	0.1	2.93	15	2	2.0	
48843	CLEAVER	SOIL			10300	9450	1	14	11	93	0.1	2.56	10	2	3.0	
48844	CLEAVER	SOIL			10300	9500	1	17	10	104	0.1	2.48	7	2	1.0	
48845	CLEAVER	SOIL			10300	9550	1	17	11	78	0.1	2.22	2	2	3.0	
48846	CLEAVER	SOIL			10300	9600	1	54	5	48	0.1	2.82	14	2	10.0	
48847	CLEAVER	SOIL			10300	9650	2	33	9	38	0.1	2.36	6	3	4.0	
48848	CLEAVER	SOIL			10300	9700	1	24	5	57	0.1	2.24	7	2	4.0	
48849	CLEAVER	SOIL			10300	9750	1	20	7	43	0.1	1.90	4	3	2.0	
48850	CLEAVER	SOIL			10300	9800	1	29	6	83	0.1	2.49	7	2	1.0	
48851	CLEAVER	SOIL			10300	9850	1	17	10	145	0.1	2.23	13	3	13.0	
48852	CLEAVER	SOIL			10300	9900	1	31	4	160	0.1	2.70	12	2	2.0	
48853	CLEAVER	SOIL			10300	9950	1	49	3	532	0.1	3.70	28	2	24.0	
48214	CLEAVER	SOIL			10300	10000	1	88	6	132	0.1	2.09	13	2	5.0	
48215	CLEAVER	SOIL			10300	10050	2	33	13	142	0.1	2.66	19	2	2.0	
48216	CLEAVER	SOIL	ROCKY		10300	10100	1	46	12	235	0.3	2.97	27	2	5.0	
48217	CLEAVER	SOIL	ROCKY		10300	10150	4	81	10	141	0.1	2.88	28	3	5.0	
48218	CLEAVER	SOIL			10300	10200	2	29	13	93	0.1	2.49	38	2	3.0	
48219	CLEAVER	SOIL			10300	10250	1	50	12	236	0.4	3.03	39	2	5.0	
48220	CLEAVER	SOIL			10300	10300	1	35	12	86	0.1	1.64	40	4	2.0	
48221	CLEAVER	SOIL			10300	10400	1	39	10	169	0.1	2.71	84	4	15.0	
48222	CLEAVER	SOIL			10300	10450	2	11	11	51	0.1	1.80	5	3	3.0	
48223	CLEAVER	SOIL			10300	10500	4	44	12	54	0.1	2.86	12	2	11.0	
48224	CLEAVER	SOIL	ROCKY		10300	10550	2	37	15	74	0.1	2.68	16	3	4.0	
48225	CLEAVER	SOIL			10300	10600	1	14	13	56	0.1	1.87	8	2	2.0	
48226	CLEAVER	SOIL			10300	10650	1	14	11	65	0.1	2.03	12	2	130.0	
48227	CLEAVER	SOIL			10300	10700	1	12	11	126	0.2	1.81	9	4	2.0	

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Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48228	CLEAVER	SOIL			10300	10750	1	13	14	58	0.1	1.94	11	3	38.0	
48229	CLEAVER	SOIL			10300	10800	1	18	11	117	0.1	1.87	24	2	6.0	
48230	CLEAVER	SOIL			10300	10850	1	15	6	79	0.2	1.73	11	2	2.0	
48231	CLEAVER	SOIL			10300	10900	1	28	12	89	0.1	1.92	56	3	4.0	
48232	CLEAVER	SOIL			10300	10950	1	20	11	100	0.1	1.93	20	2	25.0	
48233	CLEAVER	SOIL			10300	11000	1	28	14	63	0.1	2.41	13	4	13.0	
48927	CLEAVER	SOIL			10600	8000	1	24	10	141	0.1	2.92	4	3	13.0	
48926	CLEAVER	SOIL			10600	8050	2	18	11	94	0.2	2.08	7	3	1.0	
48925	CLEAVER	SOIL			10600	8100	2	15	11	100	0.1	2.14	4	4	1.0	
48924	CLEAVER	SOIL	LOGGING BLOCK		10600	8150	1	19	9	72	0.1	2.17	2	3	1.0	
48923	CLEAVER	SOIL	LOGGING BLOCK		10600	8200	1	28	4	82	0.2	1.89	7	2	2.0	
48922	CLEAVER	SOIL	LOGGING BLOCK		10600	8250	1	38	5	100	0.1	2.52	27	2	9.0	
48921	CLEAVER	SOIL	LOGGING BLOCK		10600	8300	1	35	10	138	0.1	2.45	15	3	1.0	
48920	CLEAVER	SOIL	LOGGING BLOCK		10600	8350	1	16	11	86	0.1	2.21	10	2	1.0	
48919	CLEAVER	SOIL	STATION ON SMALL KNOB		10600	8400	1	67	6	111	0.1	3.78	10	2	1.0	
48918	CLEAVER	SOIL			10600	8450	1	54	12	111	0.2	3.83	14	2	9.0	
48917	CLEAVER	SOIL			10600	8500	1	24	10	114	0.2	2.62	8	2	8.0	
48916	CLEAVER	SOIL			10600	8550	1	17	10	95	0.1	2.50	4	2	5.0	
48915	CLEAVER	SOIL			10600	8600	1	16	12	73	0.1	2.15	2	2	1.0	
48914	CLEAVER	SOIL	LOGGING BLOCK		10600	8650	1	17	10	61	0.1	2.14	2	2	3.0	
48913	CLEAVER	SOIL	LOGGING BLOCK		10600	8700	1	21	10	64	0.1	2.50	3	2	1.0	
48912	CLEAVER	SOIL	NO SAMPLE AT 8800E; LOGGING BLOCK		10600	8750	1	14	11	55	0.1	1.83	3	2	1.0	
48911	CLEAVER	SOIL	STATION NEXT TO SWAMP		10600	8850	1	21	12	56	0.1	1.68	2	2	1.0	
48910	CLEAVER	SOIL			10600	8900	1	20	18	90	0.2	2.22	12	2	1.0	
48909	CLEAVER	SOIL			10600	8950	1	19	13	62	0.1	2.16	2	2	1.0	
48908	CLEAVER	SOIL			10600	9000	1	11	11	76	0.1	2.05	9	2	1.0	
178 SOIL SAMPLES																
48854	CLEAVER		NO SAMPLE TAKEN AT THIS STATION		10600	9050										
1 SAMPLES																
48855	CLEAVER	SOIL			10600	9100	1	13	56	67	0.1	1.66	2	2	1.0	
1 SOIL SAMPLES																
48856	CLEAVER		NO SAMPLE TAKEN AT THIS STATION		10600	9150										
1 SAMPLES																
48857	CLEAVER	SOIL			10600	9200	1	11	7	52	0.1	1.60	2	2	1.0	
48861	CLEAVER	SOIL			10600	9400	1	14	4	44	0.1	2.17	2	5	6.0	
48862	CLEAVER	SOIL			10600	9450	1	12	6	56	0.1	1.92	2	3	1.0	
48863	CLEAVER	SOIL			10600	9500	2	10	7	63	0.1	1.91	7	4	4.0	
48864	CLEAVER	SOIL			10600	9550	1	14	7	65	0.1	1.95	8	2	1.0	
48865	CLEAVER	SOIL			10600	9600	2	13	11	76	0.2	1.97	3	4	2.0	
48866	CLEAVER	SOIL			10600	9650	1	21	6	82	0.3	1.96	4	2	2.0	
48867	CLEAVER	SOIL			10600	9700	1	19	11	64	0.1	2.24	2	2	1.0	
48868	CLEAVER	SOIL			10600	9750	1	21	9	51	0.1	2.08	4	5	2.0	
48869	CLEAVER	SOIL			10600	9800	1	14	8	71	0.1	1.92	12	2	2.0	

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CLEAVER

Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
10 SOIL SAMPLES																
48870	CLEAVER		SWAMP, NO SAMPLE TAKEN		10600	9850										
1 SAMPLES																
48871	CLEAVER	SOIL			10600	9900	1	23	11	50	0.1	2.53	4	3		27.0
48872	CLEAVER	SOIL			10600	9950	1	20	13	87	0.1	2.59	26	2		20.0
49001	CLEAVER	SOIL			10600	10000	1	45	14	131	0.1	2.91	33	2		5.0
49002	CLEAVER	SOIL	OUTCROP AT STATION		10600	10050	2	59	15	128	0.2	3.35	12	2		5.0
49003	CLEAVER	SOIL	OUTCROP AT STATION		10600	10100	2	43	10	98	0.1	3.81	7	2		8.0
49004	CLEAVER	SOIL			10600	10150	1	15	14	70	0.1	2.31	3	2		7.0
49005	CLEAVER	SOIL	OUTCROP AT STATION		10600	10200	2	15	13	29	0.1	2.15	2	2		26.0
48858	CLEAVER	SOIL			10600	10250	1	17	2	102	0.1	2.32	2	2		2.0
49006	CLEAVER	SOIL	ROCKY		10600	10250	2	31	15	115	0.2	3.00	10	2		3.0
48859	CLEAVER	SOIL			10600	10300	1	14	9	50	0.1	2.02	2	3		1.0
49007	CLEAVER	SOIL			10600	10300	1	12	17	51	0.3	2.06	2	3		1.0
48860	CLEAVER	SOIL			10600	10350	1	11	7	96	0.1	1.64	5	3		1.0
49008	CLEAVER	SOIL			10600	10350	1	17	17	61	0.1	2.28	4	2		2.0
49009	CLEAVER	SOIL			10600	10400	1	14	17	46	0.3	2.18	4	2		6.0
49010	CLEAVER	SOIL			10600	10450	1	13	18	39	0.1	2.49	4	5		2.0
49011	CLEAVER	SOIL			10600	10500	2	30	19	46	0.2	2.40	4	3		35.0
49012	CLEAVER	SOIL	NEXT TO OLD TRENCH-HEAVY MINERALIZED		10600	10550	1	18	14	59	0.1	2.34	7	2		8.0
49013	CLEAVER	SOIL	STATION AT OLD ROAD		10600	10600	1	14	15	45	0.1	2.19	31	2		5.0
49014	CLEAVER	SOIL			10600	10650	1	12	13	58	0.1	2.21	22	2		4.0
49015	CLEAVER	SOIL			10600	10700	1	16	11	112	0.2	1.97	568	2		140.0
49016	CLEAVER	SOIL			10600	10750	1	11	14	61	0.1	1.92	30	2		5.0
49017	CLEAVER	SOIL			10600	10800	1	14	16	70	0.1	2.05	69	4		9.0
49018	CLEAVER	SOIL	OUTCROP AT STATION		10600	10850	5	223	13	97	0.4	3.85	185	2		210.0
49019	CLEAVER	SOIL	WASTE ROCK FROM ADIT 15M EAST		10600	10900	2	48	12	63	0.1	3.09	98	2		31.0
49020	CLEAVER	SOIL			10600	10950	2	25	12	78	0.3	2.32	62	3		15.0
49021	CLEAVER	SOIL			10600	11000	4	14	4	30	0.1	2.47	127	2		14.0
48776	CLEAVER	SOIL			10900	8000	1	20	14	108	0.1	1.99	3	2		1.0
48777	CLEAVER	SOIL			10900	8050	1	15	12	246	0.1	1.91	2	2		1.0
48778	CLEAVER	SOIL	CLAIM LINE AT 8060E		10900	8100	1	27	23	100	0.3	2.41	7	2		1.0
48779	CLEAVER	SOIL	CUT BLOCK STARTS AT 8175E		10900	8150	2	18	35	96	0.2	2.10	9	2		1.0
48780	CLEAVER	SOIL	CUT BLOCK		10900	8200	1	39	12	48	0.5	2.13	5	2		1.0
48781	CLEAVER	SOIL			10900	8250	1	27	15	65	0.1	2.69	4	2		1.0
48782	CLEAVER	SOIL			10900	8300	1	25	18	96	0.1	2.44	5	2		1.0
48783	CLEAVER	SOIL			10900	8350	1	16	13	102	0.1	2.15	13	2		1.0
48784	CLEAVER	SOIL			10900	8400	2	48	7	83	0.1	3.39	8	2		1.0
48785	CLEAVER	SOIL			10900	8450	1	36	11	112	0.1	2.61	6	2		1.0
48786	CLEAVER	SOIL	ROAD AT 8475E		10900	8500	1	18	11	100	0.3	2.10	2	2		1.0
48787	CLEAVER	SOIL			10900	8550	1	18	8	53	0.1	1.82	2	2		1.0
48788	CLEAVER	SOIL	OUTCROP SOUTH OF STATION		10900	8600	1	17	12	56	0.1	1.99	5	2		1.0
48789	CLEAVER	SOIL	OUTCROP AT STATION		10900	8650	1	13	8	36	0.1	1.84	2	3		1.0

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Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48790	CLEAVER	SOIL			10900	8700	1	7	9	64	0.1	1.81	2	2	3.0	
48791	CLEAVER	SOIL	RED-BROWN SOIL; OUTCROP NORTH & WEST		10900	8750	1	20	9	60	0.1	2.19	3	2	1.0	
48792	CLEAVER	SOIL	END OF CUT BLOCK		10900	8800	1	11	5	53	0.1	1.72	3	2	1.0	
48793	CLEAVER	SOIL			10900	8850	1	12	7	67	0.1	1.80	2	2	1.0	
48794	CLEAVER	SOIL			10900	8900	1	15	10	53	0.1	2.15	2	2	1.0	
48795	CLEAVER	SOIL	BOG AT 8960E		10900	8950	1	9	11	25	0.2	1.30	2	2	1.0	
48796	CLEAVER	SOIL			10900	9000	1	15	9	55	0.1	1.85	2	2	2.0	
48797	CLEAVER	SOIL			10900	9050	1	14	11	29	0.1	1.64	2	2	2.0	
48798	CLEAVER	SOIL	LAKE AT 9120E, OUTCROP AT 9080E		10900	9100	2	12	10	32	0.1	2.20	2	2	1.0	
48485	CLEAVER	SOIL	STATION AT EDGE OF LAKE		10900	9200	2	9	9	35	0.1	1.67	2	2	1.0	
48484	CLEAVER	SOIL	SWAMP/LAKE, 9350E-9150E, NO SAMPLES		10900	9400	1	4	5	20	0.1	1.17	2	2	1.0	
48483	CLEAVER	SOIL	ROAD AT 9435E		10900	9450	1	11	11	52	0.1	2.13	5	4	1.0	
48482	CLEAVER	SOIL			10900	9500	1	11	9	46	0.1	1.77	2	2	1.0	
48481	CLEAVER	SOIL	REDDISH-BROWN SOIL		10900	9550	3	8	10	28	0.1	1.97	2	2	1.0	
48480	CLEAVER	SOIL			10900	9600	2	29	12	96	0.3	2.19	127	2	1.0	
48479	CLEAVER	SOIL	OUTCROP AT STATION		10900	9650	1	22	7	106	0.1	2.68	94	2	2.0	
48478	CLEAVER	SOIL	OUTCROP TO NORTH		10900	9700	2	15	15	72	0.2	2.23	9	2	7.0	
48477	CLEAVER	SOIL	CUT BLOCK (ENDS?) AT 9725E; OUTCROP		10900	9750	1	19	9	76	0.2	2.44	7	2	9.0	
48476	CLEAVER	SOIL	OUTCROP AT STATION		10900	9800	2	16	14	110	0.1	2.25	12	2	1.0	
48475	CLEAVER	SOIL	OUTCROP AT 9870E, GULLEY AT 9845E		10900	9850	3	10	12	61	0.1	1.79	17	3	1.0	
48474	CLEAVER	SOIL	OUTCROP AT STATION		10900	9900	1	27	7	72	0.2	2.66	42	2	2.0	
48473	CLEAVER	SOIL	OUTCROP AT STATION		10900	9950	1	10	19	61	0.1	1.89	9	2	28.0	
48234	CLEAVER	SOIL	OUTCROP AT STATION		10900	10000	1	14	14	74	0.1	2.37	5	2	11.0	
48235	CLEAVER	SOIL	ROCKY		10900	10050	2	14	20	89	0.1	2.03	8	2	1.0	
48236	CLEAVER	SOIL			10900	10100	3	32	14	60	0.2	2.73	2	2	150.0	
48237	CLEAVER	SOIL			10900	10150	1	13	9	58	0.2	2.53	2	2	2.0	
48238	CLEAVER	SOIL			10900	10200	1	11	15	59	0.1	2.39	2	4	2.0	
48239	CLEAVER	SOIL	ROCKY		10900	10250	2	12	15	84	0.1	2.53	7	2	1.0	
48240	CLEAVER	SOIL			10900	10300	1	17	12	65	0.1	2.59	6	2	2.0	
48241	CLEAVER	SOIL	ROCKY		10900	10350	1	18	13	74	0.1	2.50	2	2	6.0	
48242	CLEAVER	SOIL	VERY ROCKY		10900	10400	1	10	8	58	0.1	1.79	2	3	1.0	
48243	CLEAVER	SOIL	BLACK-BROWN SOIL, VERY ROCKY		10900	10450	1	12	16	77	0.1	2.63	11	2	34.0	
48244	CLEAVER	SOIL	VERY ROCKY		10900	10500	1	15	18	73	0.1	2.12	7	2	3.0	
48245	CLEAVER	SOIL			10900	10550	1	7	11	61	0.1	1.64	3	2	12.0	
48246	CLEAVER	SOIL			10900	10600	2	13	12	46	0.2	2.10	6	4	1.0	
48247	CLEAVER	SOIL			10900	10650	2	15	8	72	0.2	2.21	8	4	16.0	
48248	CLEAVER	SOIL			10900	10700	1	9	9	88	0.1	2.01	6	2	3.0	
48249	CLEAVER	SOIL			10900	10750	1	12	9	49	0.2	1.90	2	2	3.0	
48250	CLEAVER	SOIL			10900	10800	1	18	12	71	0.1	1.90	3	5	1.0	
48251	CLEAVER	SOIL			10900	10850	2	36	10	74	0.4	2.11	4	4	5.0	
48252	CLEAVER	SOIL			10900	10900	2	29	11	114	0.1	2.42	7	2	3.0	
48253	CLEAVER	SOIL			10900	10950	2	15	8	98	0.3	1.35	5	4	100.0	
48254	CLEAVER	SOIL			10900	11000	1	13	8	68	0.1	2.18	2	2	1.0	

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Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
48458	CLEAVER	SOIL			11200	8000	1	11	8	137	0.2	1.42	2	6	1.0	
48459	CLEAVER	SOIL	GULLEY AT 8030E		11200	8050	1	19	12	105	0.2	2.01	4	7	1.0	
48460	CLEAVER	SOIL	OUTCROP AT STATION		11200	8100	2	15	7	54	0.1	1.79	2	5	1.0	
48461	CLEAVER	SOIL	OUTCROP AT STATION		11200	8150	5	10	12	84	0.2	1.72	2	6	1.0	
48462	CLEAVER	SOIL	OUTCROP SOUTH OF STATION		11200	8200	2	12	16	87	0.2	1.96	7	7	1.0	
48463	CLEAVER	SOIL			11200	8250	1	11	8	97	0.1	1.83	2	4	1.0	
48464	CLEAVER	SOIL	ROAD AT 8340E; EDGE OF CUT BLOCK		11200	8300	1	26	9	103	0.1	2.22	2	2	3.0	
48465	CLEAVER	SOIL			11200	8350	1	16	11	62	0.2	1.77	2	4	1.0	
48466	CLEAVER	SOIL			11200	8400	1	22	8	71	0.1	2.31	2	3	1.0	
48467	CLEAVER	SOIL			11200	8450	3	37	11	70	0.3	2.49	2	2	1.0	
48468	CLEAVER	SOIL	OUTCROP WITH CLIFFS TO EAST		11200	8500	1	13	8	56	0.2	1.97	2	5	1.0	
48469	CLEAVER	SOIL			11200	8550	1	17	9	48	0.1	1.89	2	4	2.0	
48470	CLEAVER	SOIL			11200	8600	1	15	11	48	0.1	1.98	5	4	1.0	
48471	CLEAVER	SOIL			11200	8650	1	12	11	49	0.1	1.96	2	3	1.0	
48472	CLEAVER	SOIL			11200	8700	1	16	9	44	0.1	2.14	3	4	1.0	
48495	CLEAVER	SOIL	OUTCROP TO EAST		11200	8750	1	23	12	44	0.1	1.98	2	2	1.0	
48494	CLEAVER	SOIL	OUTCROP ALONG RIDGE 10M WEST STATION		11200	8800	1	21	14	31	0.1	2.05	4	2	2.0	
48493	CLEAVER	SOIL			11200	8850	3	17	16	54	0.1	1.74	2	2	1.0	
48492	CLEAVER	SOIL			11200	8900	1	17	11	60	0.1	1.97	3	2	1.0	
48491	CLEAVER	SOIL			11200	8950	1	16	15	49	0.1	2.19	4	2	1.0	
48490	CLEAVER	SOIL			11200	9000	3	19	13	56	0.1	1.70	4	2	1.0	
48489	CLEAVER	SOIL			11200	9050	6	24	13	79	0.2	2.42	2	2	1.0	
48488	CLEAVER	SOIL	BOG AT 9125E		11200	9100	5	8	11	22	0.2	1.05	5	2	1.0	
48487	CLEAVER	SOIL			11200	9150	4	7	11	42	0.1	1.45	4	2	1.0	
48486	CLEAVER	SOIL	LAKE, NO SAMPLES FROM 9550E TO 9250E		11200	9200	5	11	14	44	0.1	1.33	2	2	1.0	
48457	CLEAVER	SOIL	ROAD AT 9560E		11200	9550	2	12	15	44	0.1	1.96	3	6	1.0	
48456	CLEAVER	SOIL	OUTCROP AT STATION		11200	9600	1	40	8	76	0.1	2.11	2	2	1.0	
48455	CLEAVER	SOIL			11200	9650	2	10	11	41	0.1	1.32	2	2	1.0	
48454	CLEAVER	SOIL			11200	9700	1	18	14	169	0.2	1.90	2	5	1.0	
48453	CLEAVER	SOIL	OUTCROP AT 9770E		11200	9750	1	10	15	67	0.1	1.62	2	4	1.0	
48452	CLEAVER	SOIL			11200	9800	1	14	10	102	0.2	2.00	4	3	3.0	
48451	CLEAVER	SOIL	OUTCROP AT STATION		11200	9850	1	15	10	88	0.2	1.90	2	2	2.0	
48800	CLEAVER	SOIL	OUTCROP AND CLIFFS AT STATION		11200	9900	2	14	12	36	0.2	2.25	3	2	2.0	
48799	CLEAVER	SOIL	OUTCROP EAST OF STATION NEAR HILLTOP		11200	9950	1	13	8	55	0.1	2.24	3	2	14.0	
49030	CLEAVER	SOIL			11200	10000	2	12	10	75	0.1	1.92	9	2	3.0	
49031	CLEAVER	SOIL			11200	10050	1	13	14	46	0.1	1.99	2	2	84.0	
49032	CLEAVER	SOIL	STATION ON RIDGETOP		11200	10100	2	13	8	63	0.1	2.46	4	2	3.0	
49033	CLEAVER	SOIL	STATION ON RIDGETOP		11200	10150	1	10	13	58	0.1	1.84	3	3	5.0	
49034	CLEAVER	SOIL			11200	10200	1	15	14	56	0.1	2.33	2	4	2.0	
49035	CLEAVER	SOIL	OUTCROP AT STATION		11200	10250	1	17	17	95	0.1	1.94	2	2	3.0	
49036	CLEAVER	SOIL			11200	10300	2	15	9	57	0.3	2.05	9	3	2.0	
49037	CLEAVER	SOIL			11200	10350	1	12	15	76	0.2	2.17	3	3	1.0	
49038	CLEAVER	SOIL			11200	10400	1	19	11	55	0.1	2.22	6	2	1.0	

PROJECT 191
CLEAVER

Sample	Property	Type	Remarks	Grid	North	East	Mo	Cu	Pb	Zn	Ag	Fe	As	Sb	Au	Hg
49039	CLEAVER	SOIL			11200	10450	1	13	14	112	0.1	2.90	5	2	1.0	
49040	CLEAVER	SOIL			11200	10500	1	16	15	48	0.1	2.52	2	2	2.0	
49041	CLEAVER	SOIL			11200	10550	1	16	9	88	0.1	2.34	6	2	2.0	
49042	CLEAVER	SOIL			11200	10600	1	15	8	52	0.1	2.01	2	2	12.0	
49043	CLEAVER	SOIL			11200	10650	1	13	9	78	0.1	1.95	4	2	1.0	
49044	CLEAVER	SOIL	ROAD AT STATION		11200	10700	2	12	7	51	0.1	2.26	2	2	2.0	
49045	CLEAVER	SOIL			11200	10750	1	17	6	79	0.1	2.31	2	2	2.0	
49046	CLEAVER	SOIL	STATION NEXT TO ROAD		11200	10800	2	145	12	37	0.3	1.97	3	2	3.0	
49047	CLEAVER	SOIL			11200	10850	3	17	8	41	0.1	1.90	2	2	4.0	
49048	CLEAVER	SOIL			11200	10900	2	15	9	100	0.2	1.73	2	2	2.0	
49049	CLEAVER	SOIL			11200	10950	1	12	7	82	0.1	2.17	2	2	2.0	
49050	CLEAVER	SOIL	STATION IS 10M BELOW ROAD		11200	11000	1	27	4	84	0.2	2.12	9	2	2.0	

138 SOIL SAMPLES

821 SAMPLES

821 TOTAL SAMPLES

APPENDIX II

ANALYTICAL CERTIFICATES

Geochemical Analysis and Lab Procedures

Gold analysis by AA from 20 gram sample. ICP = .500 gram sample is digested with 3 ml 3-1-2 HCL-HNO₃-H₂O at 95° Celsius for one hour and is diluted to 10 ml with water. This leach is partial for Mn, Fe, Sr, Ca, P, La, Cr, Mg, Ba, Ti, B W and limited for Na, K and Al. Au detection by ICP is 3 ppm. Sample type =soil



GEOCHEMICAL ANALYSIS CERTIFICATE



Phelps Dodge Corp. PROJECT 191 File # 94-3872 Page 1
 1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rick Roe

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48201	1	27	13	74	<.1	14	8	856	2.33	46	<5	<2	8	40	.3	4	6	42	.33	.053	36	15	.31	52	.10	<2	1.51	.02	.05	<1	22
48202	1	102	8	77	<.1	33	14	438	3.53	75	<5	<2	9	52	.5	<2	4	57	.33	.090	20	23	.60	100	.15	2	3.26	.02	.09	<1	140
48203	1	19	14	61	<.1	16	6	191	1.96	30	<5	<2	6	17	<.2	4	2	36	.17	.032	7	12	.18	61	.13	2	2.13	.02	.06	<1	26
48204	1	18	11	72	<.1	10	6	302	2.98	54	<5	<2	8	20	<.2	<2	3	58	.15	.160	10	14	.22	77	.15	3	2.73	.02	.07	<1	7
48205	2	27	12	53	.1	13	5	265	2.59	18	<5	<2	17	16	.2	2	5	48	.13	.069	19	14	.26	71	.16	4	3.09	.02	.06	<1	7
48206	2	46	15	117	.2	15	10	801	3.06	96	<5	<2	6	31	<.2	<2	<2	54	.17	.077	11	13	.31	84	.15	<2	2.45	.02	.06	<1	27
48207	2	40	9	98	<.1	10	12	745	3.34	110	<5	<2	8	329	<.2	<2	10	68	.28	.091	12	14	.48	123	.15	5	2.72	.02	.10	<1	29
48208	1	30	15	87	<.1	20	7	682	2.53	29	<5	<2	11	23	<.2	<2	9	44	.17	.079	14	15	.33	100	.12	5	2.22	.02	.07	1	5
48209	1	23	14	72	.1	22	6	397	2.21	22	<5	<2	15	22	.2	<2	10	39	.19	.057	19	14	.25	137	.13	3	2.43	.02	.07	<1	4
48210	3	32	15	97	.1	18	7	457	2.71	38	<5	<2	8	65	.4	3	3	48	.15	.104	13	16	.34	121	.11	3	2.36	.01	.06	<1	83
48211	1	22	11	77	<.1	13	5	571	2.30	13	<5	<2	13	18	<.2	3	6	40	.16	.071	19	13	.24	104	.13	<2	2.53	.02	.05	<1	3
48212	1	15	9	123	<.1	8	4	591	1.89	18	<5	<2	9	17	.4	3	<2	32	.13	.083	12	11	.18	127	.12	<2	2.28	.02	.05	<1	2
48213	1	23	13	92	<.1	12	4	444	2.12	16	<5	<2	13	25	.3	<2	2	36	.19	.084	22	12	.24	108	.13	<2	2.33	.03	.07	<1	2
48214	1	88	6	132	<.1	48	8	1064	2.09	13	<5	<2	5	32	.4	<2	<2	38	.57	.029	31	12	.41	68	.11	6	1.94	.04	.07	<1	5
48215	2	33	13	142	.1	38	8	856	2.66	19	<5	<2	6	46	<.2	2	<2	47	.22	.115	9	18	.38	125	.15	<2	2.78	.02	.09	<1	2
48216	1	46	12	235	.3	38	13	1034	2.97	27	<5	<2	8	36	.4	<2	2	55	.27	.239	11	28	.50	95	.15	5	2.80	.02	.07	<1	5
48217	4	81	10	141	<.1	51	11	411	2.88	28	<5	<2	12	37	.7	3	6	58	.25	.095	26	22	.56	82	.19	<2	4.29	.02	.07	<1	5
48218	2	29	13	93	<.1	19	7	391	2.49	38	<5	<2	16	17	.4	2	10	46	.14	.103	25	14	.28	79	.14	4	2.73	.01	.05	<1	3
48219	1	50	12	236	.4	65	17	935	3.03	39	<5	<2	7	113	.9	<2	3	51	.37	.098	11	23	.58	99	.14	2	2.56	.02	.08	<1	5
48220	1	35	12	86	.1	20	5	510	1.64	40	<5	<2	6	32	.3	4	<2	31	.46	.021	17	11	.23	57	.13	4	2.69	.04	.04	<1	2
RE 48220	1	37	10	83	.2	23	5	515	1.63	39	<5	<2	6	33	.4	4	<2	30	.47	.021	17	12	.22	60	.13	3	2.70	.04	.04	<1	7
48221	1	39	10	169	<.1	41	8	615	2.71	84	<5	<2	13	23	.2	4	4	50	.22	.044	21	23	.50	77	.15	2	2.67	.01	.08	<1	15
48222	2	11	11	51	.1	7	4	342	1.80	5	<5	<2	10	19	<.2	3	2	35	.22	.017	14	10	.22	50	.09	3	1.07	.01	.06	<1	3
48223	4	44	12	54	.1	18	10	289	2.86	12	<5	<2	10	37	.4	2	8	54	.33	.029	17	26	.71	120	.18	5	3.34	.02	.07	<1	11
48224	2	37	15	74	<.1	16	11	1005	2.68	16	<5	<2	5	51	.3	3	<2	45	.24	.077	10	12	.37	146	.11	5	1.99	.01	.09	<1	4
48225	1	14	13	56	<.1	11	4	408	1.87	8	<5	<2	10	24	<.2	<2	5	32	.22	.080	13	10	.19	106	.11	4	2.06	.01	.05	<1	2
48226	1	14	11	65	.1	13	4	373	2.03	12	<5	<2	11	22	.3	2	3	36	.19	.074	14	11	.19	117	.13	3	2.38	.01	.07	<1	130
48227	1	12	11	126	.2	24	4	400	1.81	9	<5	<2	8	26	.2	4	5	30	.34	.173	14	10	.16	120	.11	4	2.17	.02	.06	<1	2
48228	<1	13	14	58	.1	13	5	501	1.94	11	<5	<2	7	53	<.2	3	4	44	.41	.062	16	27	.26	101	.11	3	1.05	.01	.10	<1	38
48229	<1	18	11	117	.1	15	6	501	1.87	24	<5	<2	9	47	<.2	<2	2	32	.38	.248	11	11	.28	165	.14	4	2.92	.03	.10	<1	6
48230	1	15	6	79	.2	12	4	471	1.73	11	<5	<2	11	28	<.2	<2	4	29	.19	.177	13	10	.14	158	.11	<2	2.29	.02	.06	<1	2
48231	<1	28	12	89	.1	40	6	319	1.92	56	<5	<2	7	39	<.2	3	<2	30	.26	.118	8	12	.21	117	.12	4	2.39	.02	.08	<1	4
48232	1	20	11	100	<.1	26	6	549	1.93	20	<5	<2	8	36	.4	<2	<2	34	.21	.088	13	12	.20	121	.10	2	1.70	.01	.07	<1	25
48233	1	28	14	63	<.1	19	5	338	2.41	13	<5	<2	14	31	<.2	4	3	45	.24	.060	37	17	.31	53	.09	2	1.04	<.01	.07	<1	13
48234	1	14	14	74	<.1	9	6	620	2.37	5	<5	<2	10	16	.4	2	2	44	.16	.080	15	13	.25	88	.14	2	2.13	.01	.07	<1	11
STANDARD C/AU-S	19	58	44	140	6.6	70	31	1036	3.96	42	19	6	39	51	17.9	13	17	61	.51	.092	40	60	.90	190	.08	33	1.88	.06	.15	11	48

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 - SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 20 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 26 1994 DATE REPORT MAILED: Nov 2/94 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48235	2	14	20	89	.1	10	6	1458	2.03	8	<5	<2	5	57	.6	<2	<2	35	.54	.111	8	10	.25	224	.10	6	1.68	.03	.10	1	1
48236	3	32	14	60	.2	8	9	268	2.73	<2	<5	<2	12	38	<.2	2	2	48	.27	.061	22	13	.33	100	.15	10	3.02	.02	.09	1	150
48237	1	13	9	58	.2	11	6	386	2.53	<2	<5	<2	8	33	<.2	<2	4	47	.28	.042	11	11	.44	171	.15	4	2.84	.02	.12	<1	2
48238	1	11	15	59	.1	9	4	332	2.39	<2	<5	<2	10	27	<.2	4	8	43	.22	.054	15	13	.32	127	.14	4	2.54	.02	.10	1	2
RE 48238	1	12	12	55	.1	9	4	323	2.32	4	<5	<2	9	26	<.2	4	5	43	.22	.052	15	12	.32	127	.14	3	2.46	.02	.09	1	2
48239	2	12	15	84	.1	7	4	423	2.53	7	<5	<2	9	21	<.2	<2	2	44	.24	.195	15	14	.25	71	.13	4	2.69	.02	.06	<1	1
48240	1	17	12	65	.1	7	6	327	2.59	6	<5	<2	8	36	.2	<2	3	42	.35	.256	13	12	.29	92	.17	7	3.41	.02	.07	<1	2
48241	1	18	13	74	.1	10	5	447	2.50	2	<5	<2	12	20	<.2	2	<2	43	.18	.116	21	14	.24	105	.13	3	2.36	.02	.07	<1	6
48242	1	10	8	58	.1	5	4	808	1.79	<2	<5	<2	4	34	<.2	3	<2	37	.33	.044	10	9	.22	139	.11	4	1.47	.03	.05	1	1
48243	1	12	16	77	.1	8	5	574	2.63	11	<5	<2	6	41	.4	<2	<2	45	.39	.176	12	13	.35	157	.15	8	2.86	.02	.09	1	34
48244	1	15	18	73	<.1	8	6	1564	2.12	7	<5	<2	5	82	.2	<2	3	37	.74	.174	14	11	.33	294	.12	8	2.23	.03	.13	1	3
48245	1	7	11	61	<.1	7	3	540	1.64	3	<5	<2	5	33	.2	<2	2	31	.27	.045	11	10	.19	131	.10	6	1.50	.02	.07	<1	12
48246	2	13	12	46	.2	7	6	263	2.10	6	<5	<2	9	26	<.2	4	7	32	.27	.029	15	10	.16	90	.17	7	3.81	.03	.06	<1	1
48247	2	15	8	72	.2	10	6	369	2.21	8	<5	<2	7	36	<.2	4	4	37	.29	.205	11	13	.25	123	.15	7	3.10	.03	.08	<1	16
48248	1	9	9	88	.1	8	4	560	2.01	6	<5	<2	6	31	<.2	<2	2	38	.33	.095	12	12	.20	135	.11	2	1.45	.02	.07	1	3
48249	1	12	9	49	.2	8	5	324	1.90	2	<5	<2	8	29	.5	<2	5	34	.26	.050	12	11	.15	124	.12	7	2.02	.03	.07	<1	3
48250	1	18	12	71	.1	13	4	609	1.90	3	<5	<2	7	31	.4	5	<2	32	.28	.081	12	10	.16	114	.14	3	2.95	.02	.06	<1	1
48251	2	36	10	74	.4	18	5	314	2.11	4	<5	<2	10	33	.2	4	<2	33	.40	.043	30	12	.22	68	.15	4	3.09	.04	.06	<1	5
48252	2	29	11	114	.1	11	8	445	2.42	7	<5	<2	5	48	<.2	<2	2	35	.37	.091	8	11	.42	139	.14	5	2.59	.03	.11	<1	3
48253	2	15	8	98	.3	13	4	784	1.35	5	<5	<2	2	34	.4	4	<2	24	.35	.085	6	9	.15	164	.09	4	1.35	.02	.07	1	100
48254	1	13	8	68	.1	12	5	279	2.18	<2	<5	<2	9	24	<.2	2	<2	40	.24	.099	15	17	.18	100	.12	4	1.83	.02	.06	<1	<1
48255	2	61	9	125	.2	25	10	1538	3.32	23	<5	<2	7	23	.6	<2	6	52	.17	.187	13	17	.33	225	.16	6	3.04	.02	.07	<1	30
48256	4	212	13	58	<.1	29	9	333	2.46	50	<5	<2	6	39	.3	3	<2	34	.52	.051	46	13	.26	60	.16	3	3.99	.04	.06	<1	19
48257	2	35	11	78	.1	9	13	2548	2.68	27	<5	<2	3	48	<.2	<2	2	55	.37	.084	11	12	.34	183	.11	5	2.05	.01	.07	<1	37
48258	2	202	16	78	.1	35	31	918	5.21	47	<5	<2	6	105	.2	<2	<2	81	.69	.075	13	15	.72	97	.14	8	4.33	.02	.10	<1	160
48259	1	54	8	85	<.1	19	17	977	2.47	72	<5	<2	6	48	.3	3	<2	47	.30	.071	12	11	.29	131	.13	2	2.42	.03	.08	<1	110
48260	1	55	6	92	<.1	5	10	1097	2.39	30	<5	<2	4	33	<.2	<2	<2	40	.25	.113	7	9	.23	142	.11	3	1.81	.03	.07	1	18
48261	1	32	10	50	.1	16	7	513	2.26	17	<5	<2	12	24	.2	2	3	43	.20	.051	22	13	.28	146	.14	<2	2.59	.02	.06	<1	27
48262	1	25	15	74	<.1	12	8	604	1.90	33	<5	<2	7	37	.2	5	2	30	.30	.035	14	11	.22	223	.11	4	2.33	.02	.08	1	56
48263	1	97	12	127	.1	23	26	843	3.88	55	<5	<2	5	117	<.2	<2	2	71	.43	.066	12	17	.78	124	.15	8	2.92	.03	.12	1	70
48264	1	36	8	78	.2	13	7	306	2.59	60	<5	<2	12	38	<.2	2	<2	47	.19	.086	20	17	.33	98	.11	<2	1.94	.02	.07	1	10
48265	2	32	16	52	.1	10	3	703	1.95	23	<5	<2	7	41	.3	3	5	33	.57	.029	46	13	.19	73	.12	2	2.23	.04	.06	<1	13
48266	9	34	11	38	.3	8	2	121	.74	12	<5	<2	2	91	.3	<2	2	19	1.58	.046	33	8	.15	48	.06	<2	1.18	.03	.03	<1	3
48267	2	14	9	39	.1	8	4	422	1.64	64	<5	<2	6	23	.2	6	<2	26	.20	.028	10	9	.15	110	.13	2	2.84	.03	.06	<1	3
48268	1	23	12	66	.1	9	4	374	2.19	21	<5	<2	9	20	.2	3	3	38	.20	.047	13	13	.27	164	.13	<2	2.70	.02	.09	<1	66
STANDARD C/AU-S	19	58	39	128	6.6	67	31	1033	3.96	40	15	6	38	51	17.2	14	16	61	.50	.092	40	61	.89	190	.08	35	1.88	.06	.16	12	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48269	1	16	8	115	.3	7	7	609	2.89	87	<5	<2	6	27	<.2	4	<2	43	.18	.232	9	13	.28	245	.11	3	2.38	.02	.08	1	39
48270	1	18	12	104	.3	11	8	1076	2.59	334	<5	<2	5	38	<.2	<2	2	42	.28	.150	11	12	.25	187	.12	4	2.08	.02	.07	<1	42
48271	1	28	27	108	<.1	8	9	1316	2.57	96	<5	<2	8	87	.5	<2	2	42	.71	.070	34	10	.42	359	.04	4	2.05	.02	.11	<1	57
48272	1	28	26	112	<.1	10	10	1300	2.64	93	<5	<2	7	85	1.0	<2	3	44	.69	.069	33	11	.43	365	.04	4	2.08	.02	.11	<1	59
48273	1	19	8	64	.2	9	11	871	2.61	905	<5	<2	6	99	.2	6	<2	39	.28	.100	9	10	.24	185	.12	7	2.45	.02	.07	<1	960
48274	1	19	10	99	.4	12	10	804	3.11	84	<5	<2	6	85	.3	<2	3	49	.21	.126	12	14	.36	222	.12	4	2.93	.02	.10	<1	220
48275	1	23	8	72	.2	14	7	282	2.30	9	<5	<2	6	32	<.2	2	<2	43	.27	.075	19	14	.26	127	.11	<2	2.78	.02	.08	<1	17
48277	<1	15	6	64	.2	10	5	515	1.85	6	<5	<2	5	20	<.2	4	<2	33	.18	.166	9	10	.14	96	.13	4	2.98	.02	.05	<1	2
48278	1	32	8	103	.3	23	7	455	2.53	8	<5	<2	5	21	.2	<2	<2	47	.24	.117	14	16	.30	90	.11	<2	2.88	.02	.06	<1	4
48279	1	30	10	103	.3	26	6	441	2.46	7	<5	<2	5	20	.3	<2	<2	45	.23	.107	13	15	.29	94	.11	<2	2.79	.02	.06	<1	5
48280	2	45	9	136	.3	33	6	320	2.74	5	<5	<2	9	28	.5	<2	3	49	.30	.043	17	16	.29	149	.15	2	4.06	.03	.09	<1	2
RE 48280	2	46	12	130	.4	32	7	320	2.74	5	<5	<2	9	28	.5	2	5	49	.30	.043	17	16	.29	145	.15	<2	4.06	.03	.09	<1	4
48281	1	25	8	147	.2	16	6	637	2.41	6	<5	<2	6	19	.3	3	<2	46	.19	.117	11	16	.27	105	.12	6	2.35	.02	.05	<1	3
48282	2	56	9	237	.5	43	8	512	2.35	17	<5	<2	7	18	.4	2	<2	50	.19	.073	12	20	.38	86	.13	<2	2.78	.02	.05	<1	5
48283	2	53	8	236	.6	43	8	535	2.33	18	<5	<2	6	17	.8	<2	5	50	.19	.072	12	21	.38	90	.13	<2	2.75	.02	.05	<1	2
48284	2	27	2	94	.5	15	6	336	2.24	5	<5	<2	7	21	.4	3	<2	48	.16	.081	13	17	.31	90	.11	4	2.23	.02	.05	<1	3
48285	1	16	11	60	.2	13	5	282	1.90	<2	<5	<2	6	24	.3	3	<2	33	.20	.081	10	10	.15	73	.14	3	3.17	.03	.05	<1	1
48286	1	8	7	61	.2	10	4	694	1.73	8	<5	<2	3	30	.2	5	<2	31	.20	.181	6	9	.13	124	.12	4	2.15	.02	.07	1	2
48287	1	17	11	85	<.1	12	5	668	2.01	<2	<5	<2	6	30	.2	<2	3	36	.34	.074	20	14	.22	103	.12	3	2.25	.02	.10	1	2
48288	1	8	9	50	.1	8	4	232	1.95	<2	<5	<2	9	23	.2	2	7	39	.23	.046	17	13	.17	74	.09	3	1.25	.01	.05	1	1
48289	1	32	7	103	.1	9	13	755	3.08	26	<5	<2	4	42	.4	4	<2	53	.34	.201	8	12	.26	138	.12	<2	1.86	.02	.09	1	77
48290	1	33	8	100	.1	9	14	825	3.12	19	<5	<2	4	45	.4	<2	3	53	.34	.202	9	11	.26	145	.12	<2	1.89	.01	.09	1	220
48291	1	41	8	60	.1	18	12	424	2.55	10	<5	<2	9	31	<.2	4	4	46	.31	.108	15	12	.28	139	.15	4	3.30	.02	.08	<1	77
48292	1	30	9	68	.2	14	6	515	2.15	20	<5	<2	6	19	<.2	3	<2	37	.17	.111	10	11	.18	104	.15	2	3.62	.02	.06	<1	130
48293	2	22	13	65	.2	12	5	714	1.90	50	<5	<2	6	34	<.2	<2	3	30	.48	.054	19	11	.20	60	.15	2	3.57	.04	.05	<1	6
48294	2	21	12	78	.3	9	3	705	1.93	53	<5	<2	6	34	<.2	<2	3	31	.48	.055	19	11	.20	60	.15	3	3.62	.04	.05	<1	4
48295	1	14	9	122	.2	8	4	581	2.07	17	<5	<2	6	13	.4	5	<2	33	.11	.175	6	9	.14	92	.15	5	3.43	.02	.05	<1	6
48296	2	15	12	119	.2	9	4	599	2.01	21	<5	<2	5	13	<.2	5	<2	31	.10	.173	6	9	.13	79	.14	3	3.43	.02	.04	<1	5
48297	1	13	9	69	.2	14	4	247	2.20	<2	<5	<2	11	22	<.2	6	<2	39	.16	.062	17	14	.20	141	.12	2	1.97	.02	.07	<1	8
48298	1	11	12	61	<.1	10	4	230	2.10	<2	<5	<2	10	22	<.2	3	2	41	.21	.048	16	13	.18	74	.10	<2	1.49	.01	.07	1	62
48299	1	7	11	39	.1	5	4	254	1.79	<2	<5	<2	9	20	<.2	4	7	36	.19	.014	26	13	.18	36	.10	<2	.90	.02	.06	2	5
48300	1	17	10	64	.2	11	6	447	2.27	49	<5	<2	7	34	.2	3	2	39	.16	.056	13	13	.24	142	.13	2	2.86	.02	.07	<1	8
48301	1	28	8	48	.1	9	7	337	2.30	39	<5	<2	11	30	.3	5	<2	44	.24	.065	24	17	.29	109	.11	<2	2.02	.02	.07	<1	16
48302	1	36	16	59	<.1	14	7	548	2.45	16	<5	<2	9	23	<.2	<2	3	44	.20	.065	16	15	.25	93	.12	4	2.12	.02	.06	<1	12
48303	2	43	8	63	.1	13	7	513	2.38	40	<5	<2	8	34	<.2	3	<2	41	.26	.083	20	14	.27	91	.11	2	2.02	.02	.07	<1	66
STANDARD C/AU-S	19	58	38	130	6.9	68	31	1038	3.96	38	16	7	39	52	17.8	14	22	61	.50	.093	40	59	.90	182	.08	33	1.88	.06	.15	10	49

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48304	1	36	18	93	.2	15	6	492	2.59	30	<5	<2	9	30	.4	5	4	50	.23	.098	22	17	.37	96	.11	<2	2.01	.02	.07	<1	8
48305	2	73	15	63	.1	13	8	357	2.63	130	<5	<2	13	45	.4	6	3	50	.61	.036	40	16	.38	48	.12	2	2.37	.03	.05	<1	40
48306	1	133	13	55	.3	15	5	434	1.89	77	<5	<2	5	73	.6	3	3	35	1.18	.046	37	14	.25	78	.11	4	2.21	.03	.07	<1	6
48307	1	22	12	107	.2	9	5	499	1.94	35	<5	<2	6	39	.3	6	2	34	.47	.050	11	14	.23	72	.13	5	2.42	.03	.09	<1	5
48308	1	19	11	78	<.1	10	6	618	2.20	60	<5	<2	7	22	.5	4	<2	39	.22	.083	11	13	.22	127	.12	5	2.23	.02	.07	<1	66
48309	4	113	12	81	.2	9	10	564	2.94	91	<5	<2	6	26	<.2	4	<2	51	.23	.087	12	14	.29	78	.11	3	2.20	.01	.07	<1	440
48310	1	26	10	79	.1	7	6	609	2.06	38	<5	<2	8	23	.3	2	<2	36	.22	.100	11	11	.20	73	.11	5	2.19	.02	.09	<1	29
48311	1	26	7	76	.3	6	5	515	1.93	108	<5	<2	8	24	.3	4	2	32	.20	.127	12	10	.17	133	.13	2	3.15	.03	.05	<1	13
48312	2	19	9	84	.1	6	4	719	1.81	38	<5	<2	5	25	.2	4	<2	32	.22	.116	8	10	.19	123	.11	3	2.31	.02	.07	<1	2
48313	1	16	10	47	.2	2	3	535	1.82	10	<5	<2	5	35	<.2	4	<2	36	.19	.025	12	12	.22	93	.09	2	1.37	.02	.07	1	6
48314	1	22	8	96	<.1	7	5	529	2.10	13	<5	<2	8	35	.5	3	<2	37	.27	.070	12	12	.31	171	.10	5	2.09	.02	.09	<1	12
48315	4	20	13	108	.1	5	5	709	2.66	15	<5	<2	8	32	.5	2	2	46	.24	.050	20	12	.37	245	.09	<2	2.62	.02	.11	<1	11
48316	3	52	14	71	.2	10	5	483	1.84	30	<5	<2	4	58	.6	6	<2	28	.49	.038	9	8	.22	138	.10	2	2.69	.03	.07	<1	3
48317	1	8	5	53	<.1	6	4	652	1.77	<2	<5	<2	7	28	.2	2	<2	37	.25	.027	13	17	.17	135	.11	<2	1.20	.02	.08	<1	11
48318	<1	12	7	42	.2	5	3	221	1.69	5	<5	<2	5	29	<.2	<2	<2	29	.23	.054	10	12	.16	96	.08	<2	1.53	.01	.05	1	3
48319	1	58	10	118	.2	9	10	1140	3.02	20	<5	<2	6	38	.2	<2	<2	49	.28	.082	13	12	.42	132	.12	3	3.31	.02	.11	<1	9
48320	1	16	7	89	.1	11	4	436	1.89	25	<5	<2	7	25	.3	6	6	33	.22	.112	11	13	.19	120	.13	2	2.57	.03	.07	<1	3
48321	1	9	9	84	<.1	8	4	492	1.73	13	<5	<2	5	24	<.2	4	<2	30	.26	.116	10	14	.17	117	.10	<2	1.34	.02	.07	<1	4
48322	1	14	7	70	<.1	7	4	344	1.70	24	<5	<2	6	21	.3	<2	<2	29	.19	.182	8	11	.15	96	.10	2	1.86	.02	.06	<1	17
48323	<1	10	8	102	<.1	7	4	611	2.15	20	<5	<2	6	23	.5	2	<2	39	.18	.145	11	15	.20	159	.12	2	1.78	.02	.05	<1	3
48324	1	28	12	48	.1	7	4	285	2.38	28	<5	<2	12	25	.4	2	5	46	.23	.067	20	18	.25	123	.14	5	2.44	.02	.06	<1	7
RE 48324	1	30	9	49	<.1	10	5	288	2.43	25	<5	<2	11	25	<.2	<2	2	47	.25	.069	20	18	.26	121	.14	2	2.50	.01	.06	<1	5
48325	1	50	10	128	.5	7	9	354	2.58	29	<5	<2	6	27	.5	5	<2	45	.26	.050	11	16	.29	177	.12	<2	2.25	.01	.09	<1	77
48326	1	37	12	98	.2	9	6	818	2.57	23	<5	<2	6	31	.5	2	<2	44	.32	.074	12	16	.29	201	.11	2	1.92	.01	.07	<1	22
48327	<1	26	8	154	<.1	12	6	801	1.59	13	<5	<2	2	31	.3	<2	<2	29	.28	.051	8	11	.23	207	.10	2	1.73	.03	.12	<1	5
48328	3	388	20	102	1.3	11	11	1693	3.91	23	<5	<2	9	36	.8	<2	5	59	.31	.105	23	15	.49	265	.15	6	3.94	.02	.09	<1	150
48329	1	111	13	89	.5	9	7	703	2.75	12	<5	<2	8	27	.3	<2	6	49	.27	.094	14	15	.32	147	.16	<2	3.29	.02	.07	<1	120
48330	1	27	13	63	<.1	9	5	706	1.97	12	<5	<2	8	23	.2	2	6	34	.22	.099	16	14	.23	206	.13	4	2.42	.01	.07	<1	8
48331	2	40	16	88	.1	12	7	1621	2.36	12	<5	<2	7	34	.3	<2	6	44	.31	.081	17	16	.29	216	.13	3	2.43	.02	.07	<1	8
48332	1	39	8	67	.3	5	5	550	1.98	127	<5	<2	7	19	.3	3	5	31	.21	.166	11	10	.18	97	.13	7	3.10	.02	.06	<1	11
48333	1	15	9	41	.1	8	5	144	1.57	8	<5	<2	7	23	<.2	3	3	32	.19	.032	18	13	.20	109	.12	4	2.19	.01	.04	<1	2
48334	1	17	6	29	<.1	7	2	165	1.70	19	<5	<2	15	31	<.2	<2	<2	38	.29	.017	43	16	.23	59	.12	<2	1.14	.02	.05	<1	17
48335	1	14	8	84	.1	12	4	933	1.96	27	<5	<2	7	18	.3	2	2	34	.15	.095	11	11	.16	133	.14	4	3.11	.02	.06	<1	10
48336	1	35	19	231	.3	7	12	1904	2.53	68	<5	<2	5	32	.4	<2	<2	37	.28	.187	10	13	.19	183	.11	3	1.56	.02	.08	<1	44
48337	1	45	9	117	.2	7	6	591	2.36	75	<5	<2	7	33	.4	<2	3	39	.32	.028	14	14	.31	144	.11	4	2.49	.01	.08	<1	10
STANDARD C/AU-S	19	57	36	126	6.7	68	31	1041	3.96	44	17	6	40	52	16.8	13	16	61	.52	.092	40	59	.91	184	.08	32	1.88	.06	.16	11	50

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48338	1	69	3	109	.1	15	6	406	2.46	115	<5	<2	9	46	<.2	2	<2	44	.39	.118	15	17	.37	120	.13	4	2.41	.03	.15	<1	5
48339	1	11	6	74	.1	13	4	650	1.81	28	<5	<2	7	25	<.2	2	<2	31	.16	.160	10	11	.14	114	.12	3	2.36	.03	.05	<1	2
48340	1	37	3	67	.2	10	6	290	2.24	74	<5	<2	11	24	<.2	3	<2	42	.25	.081	19	16	.25	93	.12	4	2.04	.02	.09	<1	<1
48341	1	22	6	49	<.1	17	5	271	2.29	28	<5	<2	12	36	<.2	4	<2	37	.25	.052	15	13	.15	141	.15	2	3.71	.03	.07	1	<1
48342	1	18	7	50	.1	12	5	231	1.90	18	<5	<2	6	31	<.2	<2	<2	32	.26	.067	10	13	.15	74	.12	5	2.15	.03	.05	1	6
48343	1	14	5	54	<.1	13	4	412	1.94	17	<5	<2	6	37	<.2	2	<2	33	.30	.130	11	12	.15	96	.14	6	2.94	.03	.07	1	16
48344	1	24	2	70	<.1	11	7	267	2.62	29	<5	<2	8	31	<.2	2	3	57	.29	.033	15	23	.31	51	.13	5	1.72	.02	.09	<1	690
48345	1	19	7	61	.1	13	6	338	2.04	12	<5	<2	8	24	<.2	<2	<2	37	.22	.069	10	14	.18	81	.14	7	2.70	.03	.07	<1	28
48346	1	20	6	41	<.1	9	6	283	2.28	21	<5	<2	8	22	<.2	2	2	43	.23	.045	13	15	.22	99	.12	5	1.95	.02	.07	3	81
48347	<1	14	7	62	.8	7	4	491	1.94	31	<5	3	6	29	<.2	2	<2	36	.23	.114	12	12	.17	123	.10	5	1.21	.02	.05	<1	40
48348	<1	13	5	138	<.1	10	5	952	1.79	34	<5	<2	6	41	<.2	2	<2	31	.27	.294	10	15	.23	219	.12	5	2.21	.02	.09	1	5
RE 48348	1	13	5	134	<.1	10	5	941	1.76	31	<5	<2	6	40	.2	4	<2	30	.27	.294	10	14	.23	219	.12	6	2.21	.04	.09	1	6
48349	1	18	15	120	<.1	10	8	1131	2.64	9	<5	<2	7	198	<.2	3	<2	48	.79	.405	25	25	.63	345	.10	9	2.77	.03	.14	<1	8
48350	1	14	5	106	.2	10	5	828	1.94	25	<5	<2	6	46	<.2	3	<2	31	.28	.364	10	13	.20	240	.10	3	2.08	.03	.08	1	20
48351	1	11	<2	95	<.1	15	5	536	1.88	26	<5	<2	7	37	<.2	3	3	35	.29	.167	9	12	.18	141	.13	3	2.42	.02	.08	<1	6
48352	1	12	4	69	<.1	8	4	711	1.71	13	<5	<2	7	30	<.2	3	8	29	.26	.170	12	11	.18	147	.11	4	2.18	.03	.09	<1	9
48353	<1	14	6	89	<.1	9	7	469	2.56	44	<5	<2	9	26	<.2	2	5	43	.35	.133	13	15	.32	121	.13	5	2.51	.02	.11	<1	7
48354	1	6	5	46	<.1	7	4	488	1.54	12	<5	<2	4	21	<.2	2	<2	28	.24	.075	8	12	.14	108	.10	5	1.47	.03	.07	2	6
48355	<1	15	3	126	.2	10	6	490	1.91	21	<5	<2	5	46	<.2	3	<2	25	.48	.232	8	7	.16	111	.12	8	2.98	.04	.07	1	<1
48356	1	10	4	67	<.1	3	4	534	2.11	15	<5	<2	6	26	<.2	3	<2	39	.23	.207	14	17	.19	177	.10	8	1.47	.02	.06	1	3
48357	1	13	7	85	.1	13	3	646	1.61	23	<5	<2	6	35	<.2	<2	<2	25	.29	.307	10	11	.13	165	.11	5	2.35	.02	.07	<1	57
48358	1	16	9	109	.2	12	5	646	2.21	27	<5	<2	10	31	<.2	2	2	38	.26	.188	15	15	.21	123	.14	2	2.75	.03	.06	<1	130
48359	1	14	2	57	.2	15	5	339	1.95	19	<5	<2	7	23	<.2	5	<2	35	.27	.060	9	14	.17	78	.13	5	2.29	.03	.09	<1	5
48360	1	14	6	69	.1	13	5	652	2.13	17	<5	<2	7	37	<.2	2	4	41	.32	.145	14	17	.20	136	.10	5	1.43	.02	.07	<1	12
48361	1	11	3	78	.1	11	5	345	2.41	18	<5	<2	9	29	<.2	2	<2	47	.27	.161	12	19	.22	96	.12	5	1.77	.03	.08	1	30
48362	1	13	2	34	.1	8	3	319	2.22	7	<5	<2	12	26	<.2	<2	2	46	.31	.039	17	21	.19	48	.12	4	.88	.02	.10	1	17
48363	<1	7	4	76	.1	7	3	475	1.35	2	<5	<2	5	23	<.2	<2	<2	27	.23	.094	9	11	.13	115	.08	3	1.06	.04	.07	<1	17
48364	<1	18	2	87	.1	10	4	334	2.16	43	<5	<2	9	29	<.2	4	3	36	.33	.047	11	16	.22	108	.13	6	2.52	.04	.09	1	8
48365	1	20	4	85	.1	16	4	329	1.99	38	<5	<2	8	28	.3	2	3	34	.37	.062	14	14	.19	72	.13	4	2.26	.04	.07	<1	21
48366	<1	19	2	125	.1	19	5	389	2.05	24	<5	<2	7	28	<.2	<2	2	36	.33	.121	11	16	.20	124	.12	6	2.22	.03	.09	<1	6
48367	1	14	4	93	.1	12	5	666	1.92	13	<5	<2	7	38	<.2	<2	6	34	.36	.269	12	14	.17	154	.11	3	1.89	.04	.08	<1	10
48368	1	12	2	193	.2	14	4	412	1.51	10	<5	<2	6	59	.3	2	<2	26	.32	.291	9	12	.17	181	.10	8	1.68	.03	.12	<1	1
48369	1	13	10	92	.2	15	4	375	1.83	14	<5	<2	5	22	<.2	4	4	32	.18	.152	7	17	.19	121	.11	6	1.79	.02	.09	2	6
48370	<1	34	8	80	.1	16	7	308	2.52	57	<5	<2	9	33	<.2	5	<2	51	.27	.077	13	24	.33	130	.14	7	2.40	.03	.11	<1	7
48371	2	247	12	220	.9	35	15	1087	6.81	1385	<5	<2	8	47	<.2	<2	5	65	.38	.110	17	22	.49	106	.13	10	3.06	.03	.12	1	650
STANDARD C/AU-S	19	58	38	130	6.8	72	31	1038	3.96	41	16	7	40	51	16.6	14	18	61	.50	.092	40	58	.90	183	.08	32	1.88	.06	.16	12	53

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48372	1	88	9	82	.4	30	9	542	3.00	195	<5	<2	7	47	.2	5	3	41	.52	.051	14	14	.33	91	.14	10	3.06	.02	.09	<1	38
48373	1	78	12	83	.2	30	10	371	2.79	325	<5	<2	6	27	<.2	5	<2	48	.22	.027	12	16	.35	85	.11	4	2.10	.01	.06	2	83
48374	<1	33	11	90	.1	17	6	302	2.11	128	<5	<2	6	28	<.2	5	<2	35	.24	.122	11	11	.25	145	.08	4	1.88	.02	.09	1	27
48375	1	23	10	27	.2	14	3	82	2.12	38	<5	<2	7	33	<.2	2	5	33	.41	.012	19	11	.14	84	.12	3	2.64	.02	.04	<1	4
48376	1	6	10	28	.1	6	5	187	1.76	15	<5	<2	4	35	<.2	2	<2	39	.18	.011	12	13	.20	82	.06	5	1.47	.01	.05	2	1
48377	<1	7	8	53	.1	6	4	308	1.63	21	<5	<2	3	28	.4	3	<2	30	.24	.040	14	11	.22	149	.04	3	1.80	.01	.11	1	2
48378	1	21	9	96	.1	8	5	846	2.12	44	<5	<2	4	11	.2	4	<2	39	.11	.081	9	11	.17	115	.10	5	1.38	.01	.04	<1	6
48379	2	33	8	93	.1	14	6	419	2.21	113	<5	<2	7	23	<.2	5	5	39	.20	.067	10	14	.27	167	.12	3	2.57	.01	.07	<1	15
48380	2	38	6	81	.2	29	6	448	2.01	73	<5	<2	5	19	<.2	4	<2	32	.17	.057	7	11	.16	100	.12	3	2.14	.02	.06	1	30
48381	<1	47	10	84	.3	19	6	554	2.30	40	<5	<2	7	22	<.2	4	5	40	.20	.069	13	15	.26	127	.09	<2	1.77	.01	.06	<1	40
48382	<1	17	10	45	.1	13	4	129	1.86	30	<5	<2	5	28	<.2	3	3	32	.28	.014	10	11	.12	66	.11	3	1.95	.02	.04	1	4
48383	1	19	13	88	.3	7	3	563	2.09	86	<5	<2	5	26	<.2	<2	<2	35	.30	.140	11	12	.18	122	.12	3	2.65	.02	.05	<1	7
48384	1	48	13	99	.5	13	6	807	2.43	277	<5	<2	8	25	<.2	4	2	38	.30	.104	16	14	.25	182	.12	7	2.13	.01	.08	1	40
48385	1	46	13	69	.2	14	6	330	2.42	37	<5	<2	10	23	.3	2	4	39	.22	.045	15	14	.27	180	.14	6	3.04	.02	.08	<1	10
48386	1	18	13	60	<.1	11	6	363	2.49	18	<5	<2	7	21	<.2	3	5	48	.19	.136	13	19	.22	110	.11	5	1.69	.01	.06	<1	18
48387	1	59	13	151	.4	14	6	1279	2.29	57	<5	<2	4	43	<.2	4	<2	35	.40	.155	9	11	.29	259	.08	5	2.00	.02	.10	<1	11
48388	1	61	12	85	.1	13	5	662	2.07	29	<5	<2	5	37	.4	3	<2	35	.37	.095	22	16	.31	155	.08	2	2.34	.02	.07	<1	15
48389	1	55	10	230	.5	13	10	2098	2.52	42	<5	<2	2	73	.7	2	<2	38	.69	.123	8	10	.35	369	.09	3	1.81	.02	.13	<1	21
48390	<1	28	12	131	.3	11	7	833	2.52	31	<5	<2	5	32	<.2	2	2	39	.25	.166	9	13	.27	161	.12	4	1.91	.02	.09	<1	9
48391	<1	84	16	209	.6	14	13	1460	3.22	368	<5	<2	5	41	.3	<2	<2	42	.39	.111	10	12	.36	292	.12	4	2.83	.02	.12	<1	41
48392	<1	49	20	90	<.1	5	13	1013	4.52	53	<5	<2	8	72	<.2	<2	11	62	.63	.088	24	14	.63	338	.06	9	2.67	.01	.20	<1	15
RE 48392	1	49	17	94	<.1	10	13	1029	4.67	51	<5	<2	8	74	.2	<2	9	65	.65	.090	25	14	.65	345	.06	8	2.75	.02	.21	<1	16
48393	<1	41	12	130	.3	10	6	656	2.11	222	<5	<2	7	31	<.2	2	<2	31	.26	.100	12	10	.23	182	.14	4	3.24	.02	.09	<1	65
48394	1	25	9	77	.1	12	6	942	2.17	25	<5	<2	8	27	.3	5	6	38	.21	.098	13	13	.25	223	.14	6	3.04	.02	.10	<1	11
48395	1	31	11	73	.2	13	6	328	2.53	22	<5	<2	9	26	.4	<2	4	44	.24	.129	16	17	.25	125	.11	5	1.96	.02	.07	1	22
48396	2	47	16	98	.3	19	12	980	3.12	25	<5	<2	8	58	<.2	4	3	50	.31	.036	15	14	.40	223	.15	6	4.35	.02	.10	<1	140
48397	2	122	22	83	.7	20	31	1343	4.28	96	<5	<2	7	194	.4	<2	<2	55	1.62	.079	36	16	.86	125	.02	7	3.79	.02	.16	<1	180
48399	1	161	14	76	.3	9	23	831	4.96	398	<5	<2	6	42	<.2	3	<2	40	.54	.066	18	8	.71	245	.01	2	2.19	.01	.24	<1	110
48400	1	40	18	70	.1	16	11	431	3.69	117	<5	<2	8	37	<.2	2	12	53	.42	.034	26	16	.67	278	.03	<2	2.43	.01	.20	<1	170
48451	1	15	10	88	.2	9	4	668	1.90	2	<5	<2	10	27	<.2	2	5	31	.25	.100	19	10	.15	137	.13	3	2.39	.02	.06	<1	2
48452	1	14	10	102	.2	14	6	551	2.00	4	<5	<2	4	14	<.2	3	<2	36	.15	.070	8	11	.19	123	.14	4	2.12	.01	.05	<1	3
48453	1	10	15	67	.1	7	4	700	1.62	<2	<5	<2	4	10	.2	4	<2	28	.08	.069	6	8	.10	98	.14	<2	2.36	.02	.04	<1	1
48454	1	18	14	169	.2	20	5	532	1.90	<2	<5	<2	6	11	.4	5	<2	31	.11	.170	8	10	.12	95	.15	5	3.22	.02	.05	<1	1
48455	2	10	11	41	.1	7	2	100	1.32	<2	<5	<2	5	26	.2	<2	<2	24	.54	.012	11	9	.08	46	.08	3	1.26	.02	.02	1	1
48456	1	40	8	76	.1	8	4	476	2.11	<2	<5	<2	2	16	.2	2	<2	42	.27	.104	5	9	.23	92	.14	6	1.95	.02	.05	<1	1
STANDARD C/AU-S	18	58	36	123	6.6	71	30	1026	3.96	39	18	7	38	51	17.5	13	24	61	.50	.092	40	58	.89	183	.08	34	1.88	.06	.15	11	54

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48457	2	12	15	44	.1	4	5	302	1.96	3	<5	<2	11	13	<.2	6	<2	33	.12	.119	20	11	.11	63	.16	2	4.15	.03	.04	<1	1
48458	1	11	8	137	.2	17	4	524	1.42	<2	<5	<2	4	39	.6	6	<2	21	.34	.297	6	8	.11	126	.12	5	2.77	.04	.06	<1	<1
48459	1	19	12	105	.2	15	6	446	2.01	4	<5	<2	6	33	.2	7	<2	39	.30	.092	10	14	.35	93	.11	<2	2.01	.02	.05	1	<1
48460	2	15	7	54	.1	9	4	487	1.79	<2	<5	<2	6	17	.4	5	<2	30	.16	.143	9	8	.15	96	.16	<2	4.46	.03	.04	<1	<1
48461	5	10	12	84	.2	2	4	615	1.72	<2	<5	<2	4	15	<.2	6	<2	32	.14	.090	6	8	.12	86	.14	3	2.44	.02	.04	<1	<1
48462	2	12	16	87	.2	15	5	513	1.96	7	<5	<2	6	18	.6	7	<2	35	.22	.073	7	11	.19	91	.15	6	3.06	.03	.05	<1	<1
48463	1	11	8	97	<.1	12	4	412	1.83	<2	<5	<2	4	22	<.2	4	<2	39	.21	.053	9	13	.25	84	.11	3	1.54	.02	.06	1	<1
48464	1	26	9	103	.1	21	5	290	2.22	2	<5	<2	6	41	<.2	<2	3	42	.34	.106	11	14	.41	130	.12	<2	2.33	.02	.09	<1	3
48465	1	16	11	62	.2	16	4	364	1.77	<2	<5	<2	8	41	<.2	4	4	34	.49	.027	19	14	.24	107	.12	2	2.36	.03	.05	<1	1
48466	1	22	8	71	<.1	14	5	258	2.31	<2	<5	<2	10	19	<.2	3	6	45	.20	.179	16	16	.40	83	.11	2	2.21	.01	.07	<1	<1
48467	3	37	11	70	.3	19	7	424	2.49	<2	<5	<2	14	42	<.2	2	5	45	.24	.096	25	16	.30	185	.15	2	4.55	.03	.08	<1	1
48468	1	13	8	56	.2	12	5	359	1.97	<2	<5	<2	8	31	.5	5	2	37	.22	.089	14	13	.24	134	.13	<2	2.29	.02	.08	<1	1
48469	1	17	9	48	.1	14	4	243	1.89	<2	<5	<2	9	18	<.2	4	2	34	.13	.090	12	12	.17	96	.14	2	2.93	.02	.05	<1	2
48470	1	15	11	48	<.1	10	4	213	1.98	5	<5	<2	10	18	<.2	4	3	39	.14	.043	24	15	.25	187	.11	<2	2.04	.02	.06	<1	1
48471	1	12	11	49	<.1	7	4	309	1.96	2	<5	<2	9	20	<.2	3	<2	37	.15	.118	17	16	.22	94	.10	<2	1.88	.01	.04	1	1
RE 48471	<1	11	11	52	<.1	8	4	312	1.90	2	<5	<2	9	21	<.2	5	6	35	.16	.123	17	15	.21	88	.10	<2	1.88	.02	.05	<1	1
48472	1	16	9	44	.1	9	4	464	2.14	3	<5	<2	10	16	<.2	4	10	39	.14	.093	17	12	.20	84	.14	<2	3.08	.02	.04	<1	1
48501	1	12	6	64	<.1	9	4	278	1.79	6	<5	<2	7	27	<.2	3	<2	35	.24	.137	13	13	.16	89	.11	2	1.79	.03	.08	<1	4
48502	2	45	11	40	.2	28	6	516	2.87	30	<5	<2	16	86	.2	2	7	37	.71	.019	38	22	.33	237	.16	<2	4.89	.05	.13	<1	87
48503	1	14	8	59	.1	11	4	419	1.88	18	<5	<2	7	32	<.2	2	2	32	.23	.178	10	12	.15	104	.13	<2	2.63	.03	.07	<1	4
48504	1	72	9	33	.1	19	2	123	1.72	9	7	<2	6	61	<.2	3	<2	31	.72	.033	60	14	.24	90	.12	<2	2.61	.04	.05	<1	7
48505	1	12	7	51	.1	12	4	354	1.71	10	<5	<2	5	28	<.2	5	<2	29	.22	.181	9	12	.14	96	.12	<2	2.19	.03	.06	1	7
48506	1	21	4	58	<.1	14	5	312	2.21	25	<5	<2	9	31	<.2	7	<2	41	.26	.074	11	15	.19	91	.12	<2	2.11	.03	.09	<1	10
48507	1	31	7	100	<.1	19	8	322	2.57	26	<5	<2	6	45	.2	3	<2	49	.40	.056	14	19	.36	93	.12	<2	2.07	.02	.08	1	10
48508	1	30	13	133	.2	20	7	692	2.90	32	<5	<2	10	45	<.2	<2	2	51	.35	.259	18	20	.33	134	.13	2	2.25	.03	.09	<1	20
48509	1	20	12	95	.1	17	9	565	3.27	35	<5	<2	9	57	.2	4	3	59	.38	.350	25	22	.45	198	.16	<2	3.35	.02	.09	<1	10
48510	1	17	10	77	.1	16	6	434	3.48	51	<5	<2	6	46	<.2	3	<2	67	.28	.069	14	23	.48	129	.18	<2	2.29	.02	.08	<1	6
48511	1	15	18	90	<.1	5	5	496	2.51	62	<5	<2	8	34	<.2	4	6	48	.30	.077	21	16	.31	127	.13	3	2.36	.02	.08	<1	16
48512	1	16	7	107	<.1	9	4	674	1.79	52	<5	<2	5	40	<.2	7	<2	28	.32	.287	10	11	.17	195	.12	<2	2.34	.03	.08	<1	11
48513	1	15	7	58	<.1	13	4	272	2.13	46	<5	<2	7	35	<.2	3	7	39	.38	.029	12	14	.22	92	.14	3	2.54	.03	.08	<1	8
48514	1	21	6	64	.1	12	7	478	2.38	40	<5	<2	6	42	<.2	3	<2	46	.33	.037	15	18	.28	136	.12	<2	1.96	.02	.11	<1	32
48515	1	19	9	55	<.1	8	5	390	2.45	49	<5	<2	12	25	<.2	6	<2	50	.24	.035	22	19	.30	137	.13	<2	2.08	.01	.10	<1	7
48516	1	16	7	61	<.1	9	8	620	2.55	92	<5	<2	7	27	<.2	<2	4	49	.30	.078	15	16	.28	136	.14	2	2.69	.02	.07	<1	19
48517	<1	15	4	61	.1	9	4	1231	1.60	42	<5	<2	4	24	.2	3	<2	29	.27	.069	8	9	.17	252	.11	<2	1.81	.03	.12	<1	2
48518	<1	24	6	41	.1	8	9	613	3.12	39	<5	<2	5	32	<.2	5	2	49	.31	.022	11	11	.54	158	.08	<2	2.36	.02	.11	1	25
STANDARD C/AU-S	19	57	37	129	6.6	71	29	1034	3.96	37	14	7	40	51	17.1	14	19	60	.50	.092	40	59	.89	182	.08	35	1.88	.06	.15	9	45

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48519	1	40	12	64	<.1	7	13	1870	2.82	122	<5	<2	3	71	.9	2	2	37	1.09	.089	16	9	.41	506	.05	8	1.79	.02	.31	<1	17
RE 48519	1	42	11	59	<.1	7	14	1908	2.90	123	<5	<2	2	73	.6	<2	3	38	1.12	.092	17	9	.43	519	.05	8	1.84	.02	.31	<1	25
48520	1	19	7	55	.1	10	5	425	2.17	22	<5	<2	4	35	.4	<2	<2	37	.31	.083	16	15	.24	158	.10	4	1.94	.02	.08	2	4
48521	1	26	6	35	<.1	9	7	302	2.88	27	<5	<2	5	33	.2	2	<2	53	.36	.033	20	20	.36	63	.11	4	1.53	.02	.10	<1	61
48522	1	19	10	57	.1	14	7	259	2.26	94	<5	<2	4	37	<.2	3	<2	33	.34	.115	10	12	.23	98	.13	8	2.86	.03	.10	<1	24
48523	1	19	6	59	<.1	9	5	303	2.15	98	<5	<2	4	38	<.2	<2	<2	30	.34	.132	10	12	.23	109	.12	9	2.90	.03	.11	<1	5
48524	1	39	7	102	.1	12	10	835	3.24	36	<5	<2	5	40	.6	<2	<2	53	.37	.202	14	21	.43	175	.10	5	2.49	.02	.13	1	15
48525	1	68	5	81	.2	16	9	469	3.00	25	<5	<2	4	43	.3	<2	2	53	.36	.065	15	20	.44	127	.11	2	2.35	.03	.14	<1	10
48526	1	62	5	93	.1	11	9	1256	2.42	24	<5	<2	2	38	.3	2	<2	43	.32	.112	11	14	.30	180	.11	3	2.16	.02	.08	2	5
48527	1	46	9	65	.1	12	9	716	2.78	21	<5	<2	3	35	.2	2	2	52	.32	.036	16	21	.34	91	.10	2	2.05	.01	.08	1	14
48528	1	61	8	64	1.1	13	9	649	3.22	29	<5	8	4	38	.4	<2	2	56	.39	.032	22	22	.42	107	.12	3	2.33	.02	.17	<1	26
48529	3	550	5	88	1.3	11	19	595	4.37	503	<5	<2	4	40	.7	3	2	43	.49	.042	23	17	.38	112	.08	6	2.16	.02	.17	<1	410
48530	1	61	6	150	.1	31	9	701	2.68	91	<5	<2	5	66	.6	2	<2	43	.67	.108	12	33	.47	220	.13	6	2.39	.03	.15	<1	23
48531	1	81	12	238	.2	25	17	693	2.87	102	<5	<2	3	51	.7	<2	4	42	.45	.095	13	17	.41	149	.14	6	3.23	.03	.13	<1	19
48532	1	19	7	76	<.1	12	3	374	2.15	53	<5	<2	4	32	.2	<2	<2	35	.25	.180	12	12	.18	129	.11	5	2.34	.02	.08	<1	9
48533	1	76	6	63	<.1	16	4	391	2.10	135	<5	<2	6	53	.4	<2	2	31	.54	.017	28	13	.18	58	.10	5	1.60	.03	.04	<1	12
48534	1	16	7	109	<.1	10	6	360	2.00	51	<5	<2	3	30	<.2	<2	2	32	.27	.034	9	12	.23	74	.11	<2	2.20	.02	.10	<1	5
48535	1	40	9	29	.1	9	4	127	1.60	101	<5	<2	4	37	<.2	3	4	26	.30	.016	16	10	.13	52	.10	3	2.02	.03	.03	<1	2
48536	1	33	7	55	<.1	11	5	200	2.16	30	<5	<2	7	15	.4	<2	5	40	.18	.081	18	14	.30	59	.13	<2	2.67	.02	.07	<1	7
48537	1	18	4	80	.1	13	4	302	2.10	55	<5	<2	4	19	<.2	<2	<2	36	.15	.077	12	12	.20	145	.11	3	2.66	.02	.06	<1	5
48538	1	54	6	99	.2	9	6	442	2.45	195	<5	<2	3	23	.4	2	<2	43	.24	.078	10	13	.26	94	.08	2	1.67	.02	.07	<1	19
48539	1	52	14	104	.2	17	8	629	2.39	613	<5	<2	4	19	<.2	2	4	37	.17	.080	9	13	.24	121	.10	3	1.79	.02	.08	1	150
48540	2	39	7	76	.1	10	6	506	2.36	128	<5	<2	6	25	.2	2	<2	42	.29	.089	16	14	.28	134	.09	2	1.94	.01	.08	<1	41
48541	2	16	12	50	<.1	10	4	294	2.10	67	<5	<2	5	19	<.2	4	<2	37	.18	.030	10	12	.14	78	.10	4	1.80	.02	.04	<1	7
48542	2	21	7	59	<.1	9	3	189	2.23	33	<5	<2	7	17	<.2	<2	5	44	.18	.034	24	15	.22	81	.11	3	1.99	.02	.06	<1	9
48543	1	16	7	87	.2	4	4	1192	1.99	20	<5	<2	<2	26	<.2	2	<2	38	.30	.061	8	11	.18	205	.09	2	1.40	.02	.05	<1	12
48544	1	48	12	86	.1	7	8	738	2.39	476	<5	<2	3	29	.4	<2	4	37	.28	.074	15	12	.28	195	.11	6	2.72	.02	.08	<1	45
48545	1	13	6	111	<.1	8	4	546	1.78	72	<5	<2	3	17	<.2	2	<2	32	.15	.104	11	13	.17	125	.11	3	1.88	.02	.06	<1	10
48546	1	112	11	102	<.1	28	8	232	3.28	422	<5	<2	6	28	.4	<2	5	57	.27	.050	17	19	.34	89	.11	<2	2.13	.02	.11	<1	88
48547	1	20	5	63	.1	15	5	249	2.17	89	<5	<2	5	34	<.2	4	3	37	.29	.096	12	15	.20	112	.12	3	2.61	.03	.08	<1	47
48548	1	12	9	52	<.1	8	4	547	1.79	24	<5	<2	3	35	<.2	<2	<2	31	.26	.163	8	12	.14	136	.10	3	1.78	.02	.06	1	10
48549	1	17	6	59	<.1	9	4	371	1.97	22	<5	<2	4	40	<.2	<2	<2	35	.30	.140	13	13	.17	105	.09	5	1.56	.02	.08	<1	42
48550	1	20	7	49	<.1	10	4	390	1.98	25	<5	<2	5	37	<.2	2	<2	36	.33	.081	12	13	.16	94	.12	4	2.51	.03	.07	<1	17
48551	1	16	4	31	<.1	4	3	280	1.95	22	<5	<2	4	32	<.2	5	2	42	.29	.044	10	16	.17	58	.09	2	.93	.02	.06	2	8
48552	1	24	4	58	<.1	7	5	305	2.29	28	<5	<2	5	31	<.2	2	<2	42	.31	.024	13	17	.19	103	.09	3	1.44	.02	.08	<1	19
STANDARD C/AU-S	19	58	38	134	6.7	67	31	1046	3.96	38	18	6	37	51	17.2	14	22	61	.51	.093	40	61	.91	183	.08	33	1.88	.06	.15	15	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48553	1	27	12	74	.1	13	5	346	2.43	23	<5	<2	8	37	.5	2	3	43	.29	.048	13	16	.25	162	.10	3	1.97	.02	.07	<1	7
48554	1	30	6	65	.1	7	7	463	2.67	29	<5	<2	8	26	.3	2	4	51	.23	.031	15	18	.26	103	.11	5	2.11	.02	.05	<1	14
48555	2	132	3	83	.8	11	10	309	3.46	33	<5	<2	6	24	.3	<2	<2	54	.21	.062	12	16	.36	63	.11	3	2.88	.02	.05	<1	12
48556	<1	27	4	68	.1	6	6	1004	2.24	26	<5	<2	6	33	.2	3	<2	39	.25	.047	16	15	.24	162	.10	2	1.96	.02	.09	<1	18
48557	1	16	4	50	.1	10	5	304	1.87	19	<5	<2	5	27	.3	<2	4	30	.33	.090	11	11	.19	94	.12	5	2.44	.03	.08	<1	7
48558	<1	23	4	84	.3	6	5	554	2.08	43	<5	<2	4	25	.5	<2	<2	34	.20	.123	8	13	.24	134	.08	3	1.62	.02	.10	<1	24
48559	1	18	4	68	.3	14	5	266	2.08	16	<5	<2	5	25	.2	2	<2	37	.19	.072	10	19	.24	120	.10	2	1.83	.02	.08	<1	6
48560	2	27	2	69	.2	12	5	579	1.75	52	<5	<2	5	35	.5	3	<2	25	.31	.094	9	9	.13	116	.14	2	3.34	.03	.07	<1	3
48561	<1	15	6	48	<.1	11	4	356	1.70	36	<5	<2	6	35	.3	4	<2	28	.29	.125	11	12	.17	101	.10	5	2.07	.02	.08	<1	6
48562	1	29	7	61	.1	10	5	517	2.05	32	<5	<2	6	32	.2	<2	<2	32	.22	.202	14	12	.20	141	.13	5	3.28	.03	.09	<1	1
48563	<1	33	6	73	.1	15	5	336	1.92	51	<5	<2	7	30	.2	4	<2	32	.41	.068	20	16	.27	76	.12	4	2.35	.03	.08	<1	13
48564	1	21	5	74	.2	13	5	833	2.22	21	<5	<2	4	26	.4	2	<2	39	.27	.090	11	17	.22	110	.10	5	1.84	.02	.08	<1	10
48565	1	54	7	96	.2	17	9	865	2.38	30	<5	<2	5	32	.3	5	<2	38	.45	.078	10	19	.33	161	.10	3	2.13	.02	.11	<1	3
48566	<1	196	7	70	.5	17	6	376	2.11	131	<5	<2	6	41	.2	2	6	31	.61	.077	29	13	.24	67	.14	5	3.10	.04	.07	<1	49
48567	1	32	4	48	.2	10	6	359	2.24	71	<5	<2	7	26	.4	2	<2	34	.28	.109	10	14	.22	108	.11	7	2.35	.03	.08	<1	28
48568	1	36	2	71	.1	10	7	593	2.73	21	<5	<2	6	33	.3	2	<2	44	.30	.100	13	19	.35	114	.10	4	1.91	.02	.12	<1	9
48569	<1	56	4	57	<.1	19	4	316	2.16	50	<5	<2	6	35	.3	3	<2	32	.38	.032	16	16	.24	84	.12	5	2.33	.03	.07	<1	100
48570	2	23	5	83	.1	15	5	690	1.94	27	<5	<2	7	30	<.2	3	3	34	.30	.111	14	15	.24	124	.11	5	2.04	.03	.07	<1	1
48571	<1	24	3	55	<.1	13	6	225	2.37	20	<5	<2	6	24	.3	3	<2	38	.24	.037	11	18	.30	102	.11	6	2.22	.02	.10	<1	15
48572	1	26	8	94	.1	18	6	606	2.37	17	<5	<2	6	40	.8	<2	<2	39	.31	.071	14	21	.33	158	.12	6	2.10	.02	.16	<1	89
48573	1	21	8	143	<.1	13	7	501	2.50	2	<5	<2	10	20	.4	<2	2	41	.21	.136	12	13	.25	127	.14	2	3.46	.02	.10	<1	1
48574	<1	10	2	98	.1	11	5	396	2.07	<2	<5	<2	6	18	.2	5	<2	35	.18	.086	11	12	.21	136	.12	<2	2.08	.02	.09	<1	<1
48575	<1	21	2	72	<.1	21	5	343	2.33	5	<5	<2	9	29	.4	3	4	44	.23	.075	13	14	.28	161	.14	3	2.84	.02	.08	<1	<1
48576	1	16	7	82	.1	11	5	399	2.09	<2	<5	<2	9	22	.7	2	<2	34	.22	.160	15	13	.21	146	.13	5	2.86	.03	.07	<1	7
RE 48576	<1	14	5	78	<.1	13	4	395	2.04	2	<5	<2	8	22	<.2	2	<2	34	.21	.157	14	12	.20	140	.13	<2	2.82	.02	.07	<1	2
48577	<1	34	8	73	<.1	16	8	399	2.80	7	<5	<2	7	43	.4	5	<2	55	.27	.128	12	17	.35	96	.13	2	2.78	.01	.08	<1	2
48578	<1	30	5	92	<.1	17	8	449	2.60	6	<5	<2	7	27	.3	6	<2	50	.22	.059	10	16	.37	180	.13	<2	2.95	.02	.09	<1	<1
48579	<1	19	7	112	<.1	16	8	1629	2.40	<2	<5	<2	5	28	.6	<2	<2	50	.25	.074	9	16	.38	198	.12	4	2.15	.02	.10	<1	<1
48580	<1	79	2	114	<.1	27	16	752	3.46	13	<5	<2	4	32	.4	<2	<2	89	.27	.086	9	24	.70	152	.17	<2	3.23	.02	.15	<1	<1
48581	1	100	17	103	<.1	21	29	2148	2.89	47	<5	<2	3	41	1.0	<2	<2	53	.31	.116	11	14	.35	171	.11	5	2.33	.02	.08	<1	1
48582	1	79	5	139	<.1	27	17	1173	2.82	8	<5	<2	4	46	.7	3	<2	53	.55	.052	8	14	.45	165	.12	5	2.72	.03	.18	<1	1
48583	<1	64	11	80	.1	19	12	541	2.62	16	<5	<2	6	46	.5	3	<2	53	.43	.068	14	14	.40	137	.14	3	3.14	.02	.13	<1	3
48584	<1	46	9	110	.1	21	18	2441	2.32	57	<5	<2	4	80	.3	3	<2	42	.77	.053	11	13	.37	340	.09	10	2.24	.02	.14	<1	4
48585	<1	42	11	77	<.1	11	9	704	2.77	31	<5	<2	8	50	.4	4	<2	54	.32	.048	16	16	.40	138	.10	<2	2.29	.01	.14	<1	18
48586	1	32	9	120	.1	16	10	574	2.60	132	<5	<2	4	37	.2	5	<2	53	.30	.088	5	12	.33	147	.16	2	2.86	.02	.09	<1	3
STANDARD C/AU-S	18	57	42	125	6.6	69	30	1037	3.96	36	16	7	38	51	17.6	14	20	61	.51	.092	40	58	.90	182	.08	33	1.88	.06	.16	11	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48587	1	25	17	83	<.1	11	9	684	2.12	37	<5	<2	6	41	<.2	<2	<2	39	.27	.101	11	14	.27	143	.14	3	3.23	.02	.09	<1	11
48588	1	6	12	56	.1	9	4	300	1.73	3	<5	<2	9	17	.2	<2	3	32	.18	.066	19	11	.15	69	.10	<2	1.32	.01	.05	<1	11
48589	1	9	7	81	<.1	13	4	443	1.79	6	<5	<2	5	19	.6	<2	<2	33	.17	.074	13	11	.17	93	.10	3	1.88	.01	.06	<1	3
48590	1	23	13	59	.3	12	5	144	2.51	36	<5	<2	8	44	.5	<2	5	44	.42	.050	20	13	.21	59	.15	<2	4.17	.02	.05	<1	8
48591	1	18	18	53	.2	12	4	437	1.89	8	<5	<2	7	16	.2	4	8	33	.15	.127	15	11	.19	94	.14	<2	3.63	.01	.05	<1	2
48592	1	14	11	74	.3	9	4	433	2.03	19	<5	<2	7	11	.6	<2	<2	34	.09	.140	6	11	.12	64	.15	<2	4.45	.02	.04	<1	3
48593	1	10	11	67	<.1	11	4	416	2.03	2	<5	<2	9	21	<.2	<2	7	38	.27	.063	22	14	.18	61	.09	2	1.32	.01	.05	1	1
48594	2	25	11	106	.2	26	9	335	2.54	17	<5	<2	5	19	.4	<2	<2	50	.18	.111	5	19	.40	78	.14	2	3.52	.03	.06	<1	4
48595	1	14	8	49	.1	15	8	176	2.13	27	<5	<2	4	16	<.2	2	<2	47	.25	.027	6	14	.22	61	.14	2	2.17	.02	.05	<1	12
48596	2	19	12	88	.2	22	10	189	2.70	17	<5	<2	5	19	<.2	<2	<2	47	.28	.040	7	15	.23	82	.17	4	4.35	.02	.05	<1	7
48597	2	20	9	34	<.1	17	6	122	2.57	23	<5	<2	4	14	<.2	<2	3	50	.15	.027	6	14	.21	52	.15	2	3.07	.02	.04	<1	8
48598	2	28	16	49	<.1	11	5	277	2.39	4	<5	<2	7	11	<.2	2	<2	42	.08	.138	9	12	.24	73	.17	<2	5.02	.01	.04	<1	11
48599	2	27	4	47	.1	14	8	560	2.22	20	<5	<2	7	16	.2	<2	2	38	.15	.095	11	12	.25	102	.14	3	3.96	.02	.05	<1	20
RE 48599	1	27	11	44	.1	16	7	569	2.25	23	<5	<2	7	17	<.2	3	4	39	.16	.098	12	12	.26	103	.14	4	4.02	.02	.05	<1	20
48600	3	55	8	58	.1	37	16	396	3.42	17	<5	<2	5	14	<.2	<2	<2	57	.10	.116	6	19	.33	93	.17	5	4.09	.02	.06	<1	56
48601	1	15	14	46	.1	14	5	272	2.29	20	<5	<2	8	20	<.2	<2	7	40	.16	.076	12	13	.20	104	.14	3	2.91	.02	.06	<1	7
48602	2	15	14	84	.1	17	5	654	2.17	9	<5	<2	9	33	.2	<2	3	37	.19	.132	24	13	.17	193	.15	<2	3.14	.02	.07	<1	12
48603	2	17	10	74	.1	21	6	578	2.22	2	<5	<2	10	33	<.2	<2	5	39	.19	.120	24	14	.18	195	.15	2	3.07	.02	.07	<1	3
48604	1	11	6	38	<.1	10	5	348	2.02	10	<5	<2	6	27	<.2	3	<2	40	.26	.058	16	14	.20	84	.10	6	1.55	.01	.06	1	4
48605	1	14	10	40	<.1	10	6	367	1.97	9	<5	<2	7	27	.3	<2	2	39	.26	.060	17	14	.21	82	.10	<2	1.58	.01	.06	2	5
48606	1	15	7	29	<.1	6	3	166	2.04	41	<5	<2	7	19	<.2	4	2	40	.24	.018	19	13	.21	42	.09	3	1.45	.01	.05	1	13
48607	1	29	8	107	<.1	23	8	474	2.70	21	<5	<2	7	21	<.2	<2	2	54	.19	.104	11	19	.39	139	.13	4	3.03	.01	.07	<1	6
48608	<1	21	9	186	<.1	21	11	1883	2.33	20	<5	<2	4	38	.8	<2	<2	47	.30	.069	11	17	.38	188	.09	<2	2.16	.01	.08	<1	2
48609	1	32	5	94	.1	22	9	614	2.97	14	<5	<2	6	26	.3	2	2	67	.23	.057	13	22	.57	100	.13	<2	2.47	.01	.07	<1	5
48610	1	17	8	99	<.1	7	7	1501	2.67	26	<5	<2	3	21	<.2	<2	<2	54	.20	.096	11	17	.35	120	.11	4	1.96	.01	.06	<1	3
48611	1	16	9	87	<.1	9	8	1238	2.31	10	<5	<2	5	27	.5	<2	<2	49	.24	.068	10	16	.31	168	.10	3	1.65	.01	.06	<1	3
48612	1	20	8	57	<.1	14	8	572	2.36	3	<5	<2	5	15	<.2	<2	<2	50	.17	.075	12	17	.29	97	.11	2	2.13	.01	.06	<1	6
48613	1	17	10	49	<.1	11	5	556	2.36	2	<5	<2	5	19	<.2	4	3	50	.16	.070	13	14	.28	79	.12	3	1.97	.01	.05	<1	2
48614	1	16	8	46	<.1	14	5	535	2.34	<2	<5	<2	5	18	<.2	<2	<2	50	.16	.068	12	15	.27	83	.12	5	1.90	.01	.05	<1	5
48615	1	29	13	65	.3	13	8	422	2.46	38	<5	<2	8	45	<.2	<2	5	57	.39	.033	22	16	.39	52	.13	<2	2.96	.02	.06	<1	11
48616	1	28	11	66	.2	17	7	456	2.43	36	<5	<2	7	42	.2	2	<2	55	.40	.031	23	17	.37	53	.13	<2	2.90	.02	.06	<1	8
48617	1	22	9	53	<.1	14	10	207	2.72	58	<5	<2	5	37	<.2	<2	<2	55	.28	.052	11	17	.38	75	.12	4	3.39	.01	.06	<1	13
48618	1	20	10	59	.1	15	9	209	2.73	57	<5	<2	6	38	<.2	3	<2	55	.28	.048	11	17	.40	72	.13	<2	3.40	.01	.05	<1	15
48619	1	20	10	53	<.1	16	9	593	2.29	37	<5	<2	6	20	.4	3	<2	41	.18	.150	8	12	.24	136	.15	2	3.83	.03	.07	<1	8
48620	1	19	3	55	.1	12	7	570	2.25	30	<5	<2	6	20	<.2	6	<2	41	.17	.137	9	12	.23	138	.15	5	3.80	.02	.07	<1	3
STANDARD C/AU-S	19	59	37	125	6.8	71	31	1034	3.96	37	17	6	40	52	17.0	14	22	61	.50	.093	40	61	.89	183	.08	33	1.88	.06	.16	10	49

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48621	<1	52	4	105	<.1	18	11	515	2.62	29	<5	<2	4	174	<.2	<2	2	53	.37	.157	8	15	.38	155	.11	<2	2.72	.02	.12	<1	21
48622	1	51	4	108	.1	16	12	584	2.61	28	<5	<2	2	184	<.2	<2	<2	53	.37	.143	7	15	.38	167	.11	5	2.69	.02	.13	<1	34
48623	1	27	8	64	<.1	16	8	580	2.19	29	<5	<2	3	26	<.2	<2	<2	41	.17	.088	8	11	.26	108	.13	<2	2.85	.02	.07	<1	13
48624	1	27	2	65	<.1	11	8	595	2.26	27	<5	<2	3	27	<.2	<2	<2	43	.18	.087	9	12	.26	103	.13	3	2.91	.02	.07	<1	17
48625	1	29	5	62	<.1	10	8	579	2.21	29	<5	<2	3	25	.2	<2	<2	42	.17	.085	8	12	.26	103	.13	5	2.89	.02	.07	<1	12
48626	1	22	11	36	<.1	14	5	233	2.14	12	<5	<2	6	12	<.2	<2	<2	36	.08	.093	13	10	.18	79	.18	3	4.88	.03	.04	<1	4
48627	1	21	3	39	.1	12	5	233	2.14	13	<5	<2	6	12	<.2	<2	<2	36	.08	.090	13	11	.18	81	.18	4	4.90	.02	.04	<1	4
48628	2	12	9	58	<.1	11	5	179	2.16	27	<5	<2	2	16	.6	2	<2	41	.17	.111	7	12	.15	78	.12	3	2.40	.02	.04	<1	5
48629	2	17	3	33	.1	13	5	98	1.99	12	<5	<2	3	21	.2	5	3	33	.18	.049	8	10	.15	74	.13	2	3.04	.02	.04	<1	1
48630	1	11	8	42	<.1	12	5	185	1.97	12	<5	<2	2	16	<.2	3	2	35	.15	.121	8	10	.13	94	.13	3	2.87	.02	.04	<1	16
48631	2	53	10	61	.1	21	7	518	2.92	87	<5	<2	7	70	<.2	<2	8	46	.48	.034	33	17	.32	199	.13	2	3.89	.03	.07	<1	24
48632	2	20	12	40	.1	19	3	227	2.34	17	<5	<2	5	24	.2	<2	5	39	.23	.041	20	12	.15	146	.15	<2	3.71	.03	.07	<1	<1
RE 48631	3	55	9	61	.2	22	6	535	3.02	88	<5	<2	8	72	.2	<2	6	48	.50	.033	34	18	.34	210	.14	<2	4.03	.03	.08	<1	18
48633	3	22	9	38	<.1	15	5	320	2.10	7	<5	<2	6	35	.2	<2	2	42	.34	.018	23	16	.27	114	.13	<2	1.98	.02	.06	<1	54
48634	3	20	5	32	<.1	11	3	291	2.02	7	<5	<2	5	33	<.2	<2	<2	41	.32	.018	22	16	.27	105	.12	4	1.81	.03	.05	<1	11
48635	2	20	5	46	<.1	14	5	218	2.05	18	<5	<2	3	28	.3	3	4	35	.35	.036	16	11	.18	97	.13	3	2.57	.03	.06	<1	11
48636	1	13	6	50	<.1	13	5	441	1.61	4	<5	<2	3	14	<.2	3	<2	28	.10	.152	10	10	.12	94	.12	3	2.91	.02	.05	<1	1
48637	1	13	4	55	.1	11	4	432	1.60	<2	<5	<2	3	14	<.2	<2	<2	28	.10	.152	10	9	.12	103	.12	<2	2.95	.02	.05	<1	1
48638	1	12	5	113	<.1	10	4	676	1.82	8	<5	<2	4	17	.2	2	<2	29	.15	.135	13	10	.13	103	.12	<2	2.45	.02	.06	<1	4
48639	1	13	7	115	<.1	11	5	672	1.84	9	<5	<2	4	17	<.2	2	<2	29	.16	.136	13	10	.14	108	.12	3	2.51	.02	.06	<1	3
48640	1	14	10	61	<.1	11	4	250	2.20	8	<5	<2	6	36	<.2	2	<2	36	.32	.020	20	14	.21	133	.13	<2	2.62	.03	.07	<1	8
48641	1	11	10	48	<.1	10	4	199	1.64	<2	<5	<2	4	36	<.2	4	4	29	.28	.015	21	11	.18	108	.10	3	2.11	.02	.05	<1	4
48642	4	84	13	22	.1	31	6	568	3.07	79	8	<2	11	76	<.2	<2	8	44	.82	.030	122	20	.24	199	.13	2	4.51	.02	.08	<1	8
48643	1	16	5	47	<.1	11	5	201	2.01	3	<5	<2	5	25	<.2	<2	<2	32	.19	.107	26	11	.12	92	.13	<2	3.11	.02	.07	<1	5
48644	1	12	5	51	<.1	16	5	319	2.00	<2	<5	<2	4	21	<.2	4	<2	36	.15	.093	13	12	.17	108	.12	3	2.52	.02	.05	<1	14
48645	1	17	7	36	<.1	14	4	96	1.61	3	<5	<2	4	20	<.2	4	<2	27	.13	.060	17	11	.13	99	.13	3	3.33	.02	.04	<1	2
48646	1	20	7	37	.1	17	4	96	1.67	5	<5	<2	4	22	<.2	3	<2	28	.14	.061	18	11	.13	110	.14	<2	3.50	.02	.04	<1	2
48647	1	10	7	66	.1	13	5	484	1.66	2	<5	<2	3	19	.2	3	<2	29	.18	.128	11	10	.13	97	.11	4	2.33	.01	.05	<1	3
48648	1	14	6	39	<.1	9	4	365	1.86	6	<5	<2	4	12	<.2	<2	3	30	.12	.106	12	10	.12	78	.14	2	3.41	.02	.05	<1	3
48649	1	21	11	117	.1	8	6	919	2.16	107	<5	<2	2	13	<.2	2	<2	38	.13	.061	8	11	.21	92	.11	4	1.58	.02	.06	<1	9
48650	1	22	14	91	<.1	12	7	1055	2.33	34	<5	<2	2	16	<.2	2	<2	45	.17	.229	8	12	.21	115	.13	<2	2.60	.02	.05	<1	12
48651	1	14	9	38	<.1	14	4	201	2.14	9	<5	<2	5	28	<.2	<2	2	37	.30	.026	14	13	.17	101	.14	<2	2.92	.02	.05	<1	250
48652	1	8	3	34	<.1	9	3	158	1.85	3	<5	<2	5	22	<.2	2	<2	35	.19	.023	13	11	.14	69	.10	4	1.54	.01	.04	<1	7
48653	1	9	4	28	<.1	9	3	147	1.84	4	<5	<2	4	22	<.2	2	<2	36	.19	.022	13	11	.15	76	.10	2	1.45	.01	.04	1	6
48654	1	12	3	24	<.1	10	4	139	1.77	4	<5	<2	6	16	<.2	2	<2	35	.15	.023	16	12	.17	55	.08	<2	.97	.01	.04	<1	8
STANDARD C/AU-S	19	58	38	126	6.8	76	31	1038	3.96	39	18	6	37	52	17.7	18	22	61	.51	.092	40	60	.90	183	.08	32	1.88	.07	.16	10	51

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48655	2	35	13	29	<.1	13	3	511	1.59	7	<5	<2	9	46	<.2	2	10	32	.69	.030	46	11	.13	76	.09	2	1.46	.04	.03	<1	1
48656	2	39	15	34	.1	10	4	573	1.70	10	<5	<2	8	48	.2	5	4	33	.74	.030	49	10	.14	86	.09	6	1.57	.04	.03	<1	5
48657	1	40	15	25	<.1	15	4	586	1.51	6	<5	<2	7	54	.2	<2	10	29	.81	.032	53	10	.13	83	.08	3	1.41	.04	.03	<1	2
48658	1	20	13	58	<.1	12	4	256	1.80	7	<5	<2	7	20	<.2	2	3	29	.19	.102	12	9	.12	91	.15	4	3.60	.03	.04	<1	2
48659	1	39	11	76	.1	13	6	466	2.12	12	<5	<2	10	24	.3	4	<2	37	.21	.073	18	11	.20	74	.15	4	3.60	.03	.06	<1	3
48660	1	14	12	44	.1	9	3	164	1.91	10	<5	<2	6	31	<.2	2	<2	35	.25	.055	9	11	.12	71	.14	5	2.72	.03	.04	<1	21
48661	1	15	8	37	<.1	12	3	213	1.77	12	<5	<2	4	44	<.2	4	2	33	.42	.033	13	10	.15	80	.13	<2	2.37	.04	.04	<1	2
48662	1	16	10	32	.1	12	3	203	2.03	17	<5	<2	8	41	<.2	<2	6	41	.38	.026	22	14	.17	76	.12	4	1.87	.03	.05	<1	26
48663	1	15	12	28	.1	8	4	268	1.85	17	<5	<2	7	44	<.2	3	8	33	.41	.051	19	11	.13	86	.14	3	2.84	.03	.04	<1	2
48664	1	14	5	26	<.1	7	4	180	1.99	13	<5	<2	8	32	<.2	4	<2	41	.24	.027	15	13	.17	78	.10	2	1.27	.02	.04	<1	13
48665	1	11	3	30	<.1	9	4	184	1.97	10	<5	<2	5	21	<.2	6	<2	39	.20	.067	12	13	.15	73	.09	2	1.12	.02	.04	<1	13
48666	1	45	9	43	.1	8	6	164	2.14	245	<5	<2	6	17	<.2	2	<2	37	.16	.054	12	12	.18	51	.07	2	1.22	.01	.04	1	24
48667	1	47	14	90	.1	18	6	476	2.60	145	<5	<2	8	23	.2	3	<2	45	.18	.078	11	14	.23	94	.13	4	2.37	.02	.07	<1	32
48668	1	15	11	53	.1	11	5	274	1.89	13	<5	<2	7	31	.3	3	5	34	.29	.074	12	11	.15	167	.12	3	2.30	.02	.06	<1	5
48669	1	26	12	90	.1	26	7	759	2.15	99	<5	<2	6	23	.4	<2	<2	35	.17	.123	9	12	.20	159	.13	4	2.69	.03	.07	<1	15
48670	1	16	28	54	<.1	13	3	240	1.93	9	<5	<2	9	25	.5	5	6	38	.18	.035	20	14	.17	122	.11	3	1.70	.02	.06	<1	5
48671	<1	17	12	45	<.1	16	4	223	1.95	51	<5	<2	8	21	<.2	4	6	35	.18	.072	13	13	.16	95	.12	<2	2.27	.02	.06	1	82
48672	1	25	9	93	<.1	14	6	757	1.90	72	<5	<2	6	21	.4	2	<2	31	.18	.190	10	12	.16	135	.11	2	2.21	.02	.05	<1	16
48673	1	13	12	65	.1	11	4	243	1.88	28	<5	<2	8	16	<.2	6	<2	32	.14	.048	11	11	.14	137	.13	5	2.33	.03	.05	<1	9
48674	1	55	7	110	.3	27	7	450	2.75	335	<5	<2	9	23	.2	2	7	41	.21	.118	12	14	.23	99	.15	2	3.09	.03	.05	<1	21
RE 48674	1	56	10	105	.2	30	8	456	2.76	331	<5	<2	8	23	.5	4	9	40	.21	.122	12	13	.23	99	.15	<2	3.14	.03	.05	<1	32
48675	1	14	8	59	<.1	13	5	372	1.74	41	<5	<2	7	20	.2	3	6	30	.16	.070	12	10	.15	105	.12	<2	2.25	.02	.05	<1	5
48676	1	14	7	54	.2	6	4	258	1.86	13	<5	<2	7	23	.6	7	<2	34	.17	.074	13	11	.15	101	.12	3	2.19	.02	.06	<1	9
48677	1	35	12	95	.1	10	7	774	2.34	23	<5	<2	5	28	<.2	3	<2	53	.31	.058	8	15	.33	110	.10	3	1.88	.02	.07	<1	6
48678	1	16	14	81	.1	16	5	361	2.00	15	<5	<2	6	26	<.2	3	7	33	.38	.029	16	11	.16	86	.16	2	3.45	.03	.04	<1	1
48679	<1	23	12	122	.2	8	4	321	1.88	20	<5	<2	8	17	.6	5	5	32	.18	.094	15	10	.17	94	.14	3	2.99	.03	.06	<1	5
48680	1	21	13	51	<.1	9	6	273	2.11	15	<5	<2	11	18	.2	<2	6	40	.17	.077	24	14	.21	111	.12	<2	2.46	.02	.05	<1	6
48681	1	11	11	35	.1	6	3	301	1.46	7	<5	<2	3	22	.2	6	<2	25	.24	.058	11	8	.09	72	.11	4	2.00	.02	.05	2	<1
48682	1	20	11	47	.2	9	3	173	1.95	18	<5	<2	8	21	.4	5	4	34	.17	.118	13	12	.14	56	.12	<2	2.32	.02	.04	<1	6
48683	1	12	6	61	<.1	10	4	421	1.70	8	<5	<2	6	13	<.2	2	3	29	.09	.106	10	10	.12	122	.12	<2	2.14	.02	.04	<1	5
48684	1	13	9	51	<.1	11	4	489	1.49	4	<5	<2	6	23	.2	3	6	27	.14	.178	13	10	.12	92	.10	3	1.84	.02	.05	<1	1
48685	1	14	5	23	.2	6	3	148	1.51	5	<5	<2	7	25	<.2	3	<2	30	.27	.019	16	10	.12	43	.09	2	1.23	.02	.04	<1	9
48686	3	23	16	45	.1	4	2	564	.38	2	<5	<2	<2	161	.7	<2	<2	13	3.03	.075	22	3	.14	56	.02	7	.39	.02	.05	<1	2
48687	1	14	7	25	<.1	7	2	150	1.55	7	<5	<2	6	29	<.2	3	<2	31	.33	.018	17	11	.13	45	.10	2	1.31	.03	.04	1	11
48688	1	8	7	18	<.1	5	3	193	1.60	4	<5	<2	9	20	<.2	5	7	32	.22	.030	20	11	.14	54	.09	<2	1.07	.02	.03	1	9
STANDARD C/AU-S	18	58	39	135	6.7	74	32	1037	3.96	42	18	7	40	52	17.6	15	23	61	.51	.091	40	60	.90	189	.08	32	1.88	.06	.16	10	50

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48689	1	10	6	53	.1	8	4	289	1.76	6	<5	<2	4	19	<2	2	<2	31	.19	.119	12	9	.14	92	.10	2	1.98	.02	.05	<1	20
48691	1	9	5	51	.1	8	4	299	1.79	6	<5	<2	5	19	<2	2	<2	32	.20	.123	13	10	.14	95	.10	3	2.04	.02	.05	<1	6
48692	1	15	9	23	.1	8	4	204	1.55	10	<5	<2	5	34	<2	2	<2	35	.40	.024	25	14	.31	66	.11	2	1.45	.02	.05	1	24
48693	2	43	12	38	.3	17	6	387	3.02	14	<5	<2	9	46	<2	3	9	53	.53	.025	46	21	.35	147	.15	3	3.44	.03	.09	<1	5
48694	1	14	11	34	.2	12	4	199	1.99	11	<5	<2	3	31	<2	<2	<2	43	.33	.027	14	12	.19	80	.10	2	1.51	.02	.04	2	7
48695	1	11	7	28	.1	11	5	144	1.82	9	<5	<2	3	27	.2	2	2	36	.24	.032	12	12	.18	109	.11	2	1.83	.02	.03	1	11
48696	1	9	6	43	.2	10	5	311	1.83	5	<5	<2	3	21	<2	3	2	31	.21	.114	15	10	.12	89	.12	4	2.67	.02	.04	<1	3
48697	1	11	6	72	.1	11	5	261	2.03	4	<5	<2	6	18	<2	3	<2	39	.19	.049	16	17	.21	100	.12	6	1.70	.02	.06	1	4
48698	1	15	10	61	.1	5	4	654	2.10	37	<5	<2	4	28	.2	<2	2	40	.41	.022	14	13	.29	82	.09	<2	1.93	.01	.07	<1	22
48699	1	16	9	53	<.1	14	6	458	2.58	15	<5	<2	5	29	<2	<2	<2	50	.31	.046	15	16	.35	91	.10	3	1.98	.01	.07	<1	66
48700	1	18	10	62	.2	10	6	598	2.24	11	<5	<2	4	42	<2	3	7	42	.30	.050	14	14	.32	125	.12	2	2.35	.01	.08	<1	6
RE 48700	1	18	7	59	.1	10	5	602	2.38	9	<5	<2	4	41	<2	<2	<2	45	.30	.052	14	15	.33	122	.13	4	2.39	.02	.08	<1	24
48701	1	19	9	95	.3	13	7	799	2.19	75	<5	<2	3	39	<2	<2	<2	37	.24	.253	11	14	.23	206	.11	5	2.17	.02	.10	1	5
48702	<1	18	7	71	.2	16	6	494	2.24	50	<5	<2	5	51	<2	<2	3	38	.35	.258	13	16	.24	115	.14	8	2.65	.03	.11	<1	16
48703	1	14	8	48	.1	16	6	308	2.02	21	<5	<2	3	32	.2	4	<2	37	.25	.142	10	21	.22	89	.11	5	1.66	.02	.11	2	13
48704	1	25	10	32	.1	10	5	192	2.49	43	<5	<2	5	33	<2	2	<2	43	.47	.015	15	22	.26	44	.12	5	1.71	.02	.05	<1	13
48705	1	40	8	51	.2	15	7	420	2.54	64	<5	<2	5	41	.3	2	<2	38	.44	.064	17	18	.25	91	.13	8	2.60	.02	.16	<1	16
48706	1	55	10	95	.2	11	9	1281	2.38	30	<5	<2	3	51	.2	<2	<2	36	.45	.099	12	14	.28	192	.10	4	1.96	.02	.15	<1	16
48707	1	31	9	59	.1	11	6	288	2.11	38	<5	<2	3	26	<2	3	<2	31	.21	.083	7	14	.21	100	.10	5	2.06	.01	.12	<1	7
48708	1	31	6	71	.2	10	7	693	1.98	24	<5	<2	2	32	<2	<2	<2	34	.34	.094	7	14	.21	107	.08	2	1.46	.02	.07	<1	13
48709	1	67	7	45	.1	9	6	308	2.16	36	<5	<2	3	39	.4	<2	2	29	.56	.013	9	15	.23	48	.11	5	2.04	.03	.07	<1	9
48710	<1	22	4	88	.2	10	7	540	2.14	32	<5	<2	4	37	.4	<2	<2	35	.29	.168	13	16	.24	175	.11	5	2.09	.02	.10	<1	7
48711	<1	22	7	59	.1	12	5	450	2.06	38	<5	<2	3	29	<2	2	<2	33	.28	.071	12	16	.25	125	.11	2	2.16	.02	.11	<1	10
48712	1	19	3	68	.1	5	9	1812	1.72	24	<5	<2	<2	48	.3	<2	<2	23	.37	.192	8	9	.17	229	.09	4	1.97	.03	.10	<1	1
48713	<1	26	9	71	.1	14	9	918	2.74	10	<5	<2	2	38	<2	<2	<2	59	.29	.079	11	18	.42	150	.12	6	2.95	.01	.07	<1	3
48714	1	22	5	62	.1	10	6	450	2.63	3	<5	<2	4	27	.2	<2	<2	55	.25	.041	14	18	.43	120	.13	2	2.77	.01	.08	<1	3
48715	1	42	4	68	.2	14	10	717	2.76	3	<5	<2	3	18	<2	2	<2	58	.18	.119	11	18	.27	73	.13	<2	3.07	.02	.05	<1	5
48716	1	25	13	90	<.1	18	9	1146	2.60	12	<5	<2	2	26	.4	<2	<2	52	.23	.082	10	17	.34	132	.14	3	2.69	.01	.07	<1	3
48717	<1	16	7	69	<.1	10	7	776	2.24	5	<5	<2	2	38	.4	3	<2	44	.29	.059	10	16	.36	143	.11	5	2.01	.01	.08	<1	4
48718	1	23	9	74	.1	14	6	557	2.35	11	<5	<2	3	25	<2	<2	<2	43	.21	.086	10	14	.25	145	.13	4	2.70	.01	.06	<1	1
48719	1	29	16	68	.1	15	7	566	2.56	12	<5	<2	4	26	.4	4	<2	49	.19	.116	16	16	.33	150	.14	<2	3.33	.01	.06	<1	5
48720	1	17	6	71	.1	11	6	648	2.44	5	<5	<2	3	15	.3	4	<2	48	.14	.058	10	16	.27	106	.13	3	2.30	.02	.05	<1	4
48721	<1	21	7	52	.1	11	7	459	2.01	5	<5	<2	2	16	.2	3	<2	42	.17	.048	9	13	.27	129	.11	3	2.02	.01	.05	1	3
48722	1	45	3	84	.1	18	11	620	3.06	13	<5	<2	2	29	.5	2	<2	66	.29	.112	8	18	.47	132	.17	3	3.80	.02	.08	<1	38
48723	1	45	12	76	.1	14	11	1067	2.70	19	<5	<2	<2	30	.7	<2	<2	62	.29	.060	12	18	.48	125	.13	3	2.52	.02	.08	<1	18
STANDARD C/AU-S	18	58	36	124	6.7	70	31	1043	3.96	38	19	6	36	51	17.4	13	16	61	.51	.093	40	59	.91	183	.08	33	1.88	.06	.16	12	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48724	<1	54	5	120	.1	20	17	490	2.63	47	<5	<2	6	37	.4	3	<2	54	.40	.104	10	15	.49	166	.12	5	2.78	.02	.13	<1	1
48725	<1	52	5	135	.1	25	12	492	2.97	112	<5	<2	7	37	<.2	2	8	64	.25	.037	14	23	.57	101	.13	5	3.15	.02	.08	1	6
48726	<1	53	7	341	.2	37	8	291	2.83	92	<5	<2	4	67	.7	<2	8	49	.45	.028	8	23	.57	77	.13	4	3.89	.03	.10	<1	4
48727	1	160	5	132	.3	32	15	462	3.51	215	<5	<2	7	47	.2	2	4	69	.71	.024	23	24	.73	52	.15	2	3.79	.03	.10	<1	7
48728	1	56	12	120	.1	18	10	480	2.65	95	<5	<2	7	35	.2	<2	4	52	.35	.149	18	18	.43	107	.12	6	2.85	.04	.10	<1	4
48729	1	52	6	186	.2	14	9	806	2.76	15	<5	<2	8	47	<.2	<2	11	50	.67	.064	33	18	.51	144	.14	6	3.64	.03	.09	<1	6
48730	1	17	8	97	<.1	10	6	958	2.02	29	<5	<2	5	20	.6	3	2	35	.22	.205	7	11	.19	101	.13	9	3.34	.03	.08	<1	4
48731	<1	145	7	53	.3	12	8	908	2.24	73	<5	<2	4	43	.5	<2	39	.84	.041	29	13	.26	61	.12	7	2.96	.04	.05	<1	5	
48732	1	22	5	55	.1	9	5	219	2.13	7	<5	<2	6	19	<.2	4	9	42	.20	.075	14	13	.24	123	.13	3	2.30	.02	.05	<1	6
48733	1	84	7	49	.3	14	8	746	2.33	31	<5	<2	6	46	.4	2	4	40	.70	.026	25	14	.25	73	.12	3	2.59	.04	.05	<1	8
48734	1	15	6	65	.1	6	5	474	1.88	2	<5	<2	5	21	<.2	4	3	35	.18	.135	10	12	.18	86	.11	3	2.29	.02	.05	<1	2
48735	1	17	6	83	.1	7	5	391	2.32	4	<5	<2	4	21	<.2	2	2	46	.19	.148	7	13	.17	110	.12	4	2.93	.02	.05	<1	1
48736	1	17	5	53	<.1	8	5	256	2.33	7	<5	<2	6	16	<.2	4	<2	49	.18	.073	12	16	.26	79	.09	5	1.46	.01	.04	<1	94
48737	1	10	10	164	<.1	13	4	263	2.48	13	<5	<2	4	11	.5	3	<2	52	.12	.112	6	14	.15	58	.13	4	2.49	.02	.05	<1	3
48738	2	66	7	305	.2	71	16	392	4.24	38	<5	<2	8	34	.9	<2	4	73	.31	.077	17	33	.51	132	.11	7	2.31	.02	.06	<1	5
48739	1	18	4	92	.2	16	7	720	2.58	10	<5	<2	5	11	<.2	2	<2	48	.10	.165	6	15	.22	76	.15	5	4.05	.02	.04	<1	1
48740	2	25	8	68	.1	15	7	422	2.54	15	<5	<2	5	26	.3	<2	<2	46	.36	.084	11	17	.25	67	.14	7	3.32	.03	.04	<1	2
RE 48740	1	25	7	65	<.1	15	7	406	2.44	16	<5	<2	4	25	<.2	4	<2	45	.36	.082	11	16	.25	70	.14	5	3.21	.02	.04	<1	2
48741	2	18	4	44	.2	17	5	230	1.85	8	<5	<2	4	13	<.2	2	<2	31	.13	.067	6	10	.12	92	.14	3	3.33	.02	.03	<1	2
48742	1	22	8	54	.1	16	7	948	2.07	8	<5	<2	6	11	<.2	2	<2	34	.09	.128	9	9	.17	105	.18	2	4.95	.03	.04	<1	3
48743	1	16	8	90	.1	16	6	722	2.19	20	<5	<2	4	13	.2	4	<2	36	.14	.132	4	11	.15	101	.16	6	4.83	.02	.04	<1	8
48744	1	26	6	64	.2	23	8	334	2.48	7	<5	<2	6	14	<.2	3	<2	38	.11	.082	8	12	.21	89	.16	2	4.14	.02	.05	<1	3
48745	1	33	6	53	.2	23	8	289	2.62	12	<5	<2	7	15	<.2	<2	<2	42	.14	.103	8	14	.25	111	.19	8	5.49	.02	.04	<1	14
48746	1	31	2	84	.2	33	8	428	2.74	15	<5	<2	5	15	<.2	4	<2	47	.13	.098	6	16	.29	92	.16	7	3.79	.02	.05	<1	5
48747	1	58	10	62	.3	19	6	456	2.40	6	<5	<2	10	9	<.2	4	4	35	.07	.139	13	12	.15	67	.19	5	5.84	.02	.04	<1	5
48748	7	24	7	82	.2	11	14	2838	4.05	52	<5	<2	10	22	.2	<2	7	43	.19	.063	10	11	.22	126	.17	6	4.58	.03	.05	<1	14
48749	1	15	6	56	<.1	8	7	845	2.15	6	<5	<2	6	12	<.2	5	<2	36	.11	.130	10	9	.15	101	.16	5	4.15	.03	.04	<1	9
48750	1	20	4	52	<.1	10	5	406	2.56	10	<5	<2	7	34	<.2	<2	<2	46	.16	.099	11	13	.30	114	.16	4	4.39	.02	.05	<1	12
48751	4	29	<2	55	.2	15	7	299	2.84	15	<5	<2	9	27	<.2	3	6	45	.16	.080	12	13	.31	111	.14	6	3.67	.01	.07	<1	75
48753	2	23	12	84	<.1	13	5	322	2.30	3	<5	<2	13	30	<.2	2	3	38	.30	.060	41	15	.23	146	.14	4	3.42	.03	.07	<1	4
48754	2	20	10	80	.1	17	6	239	2.57	12	<5	<2	9	23	<.2	2	<2	46	.23	.077	14	18	.27	95	.13	6	3.08	.02	.07	<1	10
48756	<1	25	4	66	.3	10	5	346	1.85	14	<5	<2	5	22	<.2	4	<2	29	.18	.189	11	9	.24	152	.12	3	3.15	.03	.07	<1	2
48757	2	18	4	94	.3	9	4	666	1.78	16	<5	<2	5	17	.3	2	<2	27	.14	.183	9	9	.14	114	.14	3	3.30	.03	.05	<1	2
48758	2	13	4	78	<.1	10	4	1270	1.88	<2	<5	<2	3	23	<.2	<2	6	31	.18	.110	6	9	.17	155	.13	2	2.89	.02	.05	<1	<1
48759	1	17	2	60	<.1	8	4	673	2.32	2	<5	<2	4	15	<.2	5	<2	41	.13	.093	6	13	.27	110	.13	2	3.14	.01	.05	<1	<1
STANDARD C/AU-S	18	57	37	126	6.8	68	31	1039	3.96	40	15	7	37	51	17.2	14	19	60	.51	.093	40	59	.90	187	.08	34	1.88	.06	.15	11	54

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



AA ANALYTICAL



AA ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48760	1	28	9	62	.1	12	6	459	2.30	9	<5	<2	5	24	.2	<2	<2	40	.21	.093	9	14	.26	103	.14	4	2.88	.02	.06	<1	1
48761	2	40	9	66	.1	17	7	367	2.75	7	<5	<2	4	32	.5	<2	<2	49	.24	.110	12	19	.38	92	.13	2	2.53	.02	.06	<1	2
48762	2	30	12	80	.3	15	6	250	2.25	17	<5	<2	4	19	<.2	<2	<2	38	.20	.111	10	14	.21	80	.15	6	3.18	.03	.05	<1	<1
48763	2	22	11	90	.1	16	6	212	2.29	9	<5	<2	3	15	.5	3	<2	44	.13	.069	7	16	.21	58	.12	4	2.41	.02	.04	<1	<1
48764	2	30	8	86	.2	19	7	143	2.22	10	<5	<2	3	22	<.2	<2	<2	43	.18	.082	8	21	.31	77	.13	<2	2.63	.02	.05	<1	<1
48765	2	34	9	75	.1	25	5	341	2.04	9	<5	<2	2	29	.2	<2	<2	38	.52	.056	9	16	.25	65	.12	3	2.31	.02	.04	<1	1
48766	1	37	10	80	.1	22	7	535	2.60	11	<5	<2	3	23	.2	<2	<2	52	.22	.076	7	23	.40	85	.12	3	2.05	.02	.05	<1	9
48767	2	63	5	79	.4	17	3	215	1.36	10	<5	<2	<2	57	.7	2	2	28	1.25	.047	15	12	.23	41	.09	2	2.27	.03	.03	<1	2
48768	3	98	15	53	.2	26	6	221	2.06	8	5	<2	4	66	.2	<2	<2	39	1.04	.062	105	14	.27	156	.13	<2	3.72	.04	.04	<1	4
48769	1	39	10	47	.3	11	4	147	1.47	4	<5	<2	2	64	.5	<2	5	28	1.24	.048	31	12	.26	96	.11	<2	3.06	.04	.02	<1	3
48770	1	29	16	92	.1	21	8	423	2.69	19	<5	<2	4	30	.4	<2	<2	47	.19	.092	9	16	.35	108	.17	5	4.65	.02	.07	<1	<1
48771	1	30	13	104	.2	30	9	346	2.59	13	<5	<2	5	12	.2	<2	<2	48	.13	.119	10	16	.24	83	.16	<2	3.18	.02	.04	<1	<1
48772	1	15	10	56	<.1	16	5	656	2.08	2	<5	<2	4	10	<.2	<2	<2	34	.09	.128	6	10	.16	96	.17	2	4.70	.02	.04	<1	2
48773	3	39	8	111	.3	35	9	290	3.02	5	<5	<2	3	16	.5	<2	<2	54	.16	.104	8	18	.38	40	.17	4	4.08	.02	.05	<1	1
48774	1	18	14	63	<.1	17	5	281	2.38	3	<5	<2	6	18	<.2	<2	<2	46	.18	.078	16	16	.30	64	.13	4	2.43	.02	.07	<1	<1
48775	1	16	11	87	.1	18	5	159	2.10	9	<5	<2	4	28	<.2	<2	<2	37	.34	.027	32	14	.20	56	.13	<2	2.68	.03	.07	<1	<1
48776	1	20	14	108	.1	13	6	526	1.99	3	<5	<2	2	30	<.2	<2	<2	37	.29	.082	8	13	.32	114	.12	2	2.19	.02	.07	1	<1
48777	1	15	12	246	<.1	15	5	611	1.91	<2	<5	<2	3	21	.9	<2	<2	34	.22	.128	9	14	.22	115	.14	4	2.93	.03	.06	<1	<1
48778	1	27	23	100	.3	18	7	439	2.41	7	<5	<2	4	26	.4	<2	<2	44	.25	.088	11	17	.44	130	.14	3	3.39	.02	.06	<1	1
48779	2	18	35	96	.2	11	5	362	2.10	9	<5	<2	3	19	.4	<2	<2	36	.20	.124	7	12	.24	106	.15	2	3.97	.02	.05	<1	1
48780	1	39	12	48	.5	24	6	188	2.13	5	<5	<2	4	36	.4	<2	<2	35	.50	.023	25	16	.25	62	.16	5	3.91	.04	.04	<1	1
48781	1	27	15	65	<.1	14	8	290	2.69	4	<5	<2	4	24	<.2	<2	3	51	.21	.103	14	18	.47	114	.17	3	3.82	.02	.06	<1	<1
48782	1	25	18	96	<.1	24	7	404	2.44	5	<5	<2	3	32	<.2	<2	4	46	.25	.066	11	17	.45	121	.13	<2	2.54	.02	.06	<1	1
RE 48782	1	25	16	98	.1	22	8	399	2.44	5	<5	<2	4	32	.3	<2	<2	45	.26	.065	11	16	.45	123	.13	4	2.57	.02	.06	<1	<1
48783	1	16	13	102	.1	14	5	359	2.15	13	<5	<2	4	28	<.2	<2	<2	36	.24	.141	7	12	.25	98	.15	4	3.79	.03	.06	<1	1
48784	2	48	7	83	.1	26	10	302	3.39	8	<5	<2	3	37	<.2	<2	<2	52	.29	.098	9	18	.45	62	.13	2	2.81	.02	.06	<1	<1
48785	1	36	11	112	<.1	27	9	504	2.61	6	<5	<2	5	48	<.2	<2	<2	49	.43	.087	15	21	.49	67	.13	3	2.23	.03	.08	<1	1
48786	1	18	11	100	.3	12	5	407	2.10	<2	<5	<2	3	27	.3	<2	2	38	.43	.081	13	13	.26	71	.11	4	2.16	.02	.04	<1	1
48787	1	18	8	53	<.1	10	4	320	1.82	2	<5	<2	4	22	<.2	<2	3	32	.20	.073	13	10	.22	124	.12	<2	2.61	.03	.05	<1	1
48788	1	17	12	56	.1	10	4	445	1.99	5	<5	<2	5	24	<.2	<2	<2	36	.23	.077	15	13	.28	131	.12	5	2.21	.02	.07	<1	<1
48789	1	13	8	36	.1	8	4	262	1.84	2	<5	<2	4	28	<.2	3	<2	33	.20	.057	17	11	.23	143	.12	<2	2.22	.02	.05	<1	<1
48790	1	7	9	64	<.1	7	5	781	1.81	<2	<5	<2	2	24	<.2	<2	<2	34	.24	.113	8	11	.27	145	.11	3	1.58	.02	.05	<1	3
48791	1	20	9	60	<.1	11	4	228	2.19	3	<5	<2	6	25	<.2	2	5	37	.19	.123	21	12	.25	148	.13	2	2.79	.02	.06	<1	1
48792	1	11	5	53	.1	9	4	222	1.72	3	<5	<2	4	19	<.2	<2	<2	29	.17	.081	20	10	.19	121	.12	4	2.18	.02	.06	<1	<1
48793	1	12	7	67	.1	10	4	367	1.80	<2	<5	<2	4	14	<.2	<2	<2	31	.12	.112	13	11	.16	105	.12	<2	2.00	.02	.05	<1	<1
STANDARD C/AU-S	19	56	41	123	6.5	72	30	1035	3.96	39	17	6	36	51	16.8	15	21	60	.51	.092	40	58	.90	183	.08	33	1.88	.06	.15	11	50

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48794	1	15	10	53	.1	7	4	316	2.15	<2	<5	<2	7	12	<2	2	2	40	.11	.082	17	12	.20	80	.14	<2	2.60	.02	.04	<1	<1
48795	1	9	11	25	.2	7	4	133	1.30	<2	<5	<2	4	34	<2	<2	25	.25	.013	18	12	.20	84	.11	<2	1.82	.03	.03	<1	1	
48796	1	15	9	55	.1	12	4	289	1.85	2	<5	<2	5	19	<2	2	<2	33	.13	.085	16	14	.15	117	.13	2	2.93	.02	.04	<1	2
48797	1	14	11	29	.1	10	4	115	1.64	<2	<5	<2	6	23	<2	<2	2	32	.15	.033	26	15	.22	185	.12	2	2.53	.02	.04	<1	2
48798	2	12	10	32	.1	11	5	122	2.20	<2	<5	<2	6	17	<2	2	<2	36	.14	.026	16	15	.22	89	.13	<2	2.37	.02	.03	<1	<1
48799	1	13	8	55	<.1	10	5	319	2.24	3	<5	<2	6	16	<2	<2	38	.15	.180	12	12	.19	80	.15	2	3.05	.02	.06	<1	14	
48800	2	14	12	36	.2	8	4	304	2.25	3	<5	<2	5	34	<2	<2	41	.23	.094	13	13	.22	78	.16	4	2.65	.02	.08	<1	2	
48801	1	20	9	56	.2	13	6	406	2.61	365	<5	<2	3	44	<2	<2	48	.36	.063	13	15	.34	80	.12	3	2.30	.02	.07	<1	31	
48802	1	32	14	54	.2	12	9	502	2.25	49	<5	<2	4	35	<2	<2	41	.33	.053	13	13	.32	127	.13	3	2.50	.03	.10	<1	7	
48803	1	21	18	46	.1	12	6	271	2.23	14	<5	<2	6	28	.3	2	<2	44	.20	.067	17	15	.25	115	.12	2	1.98	.02	.06	<1	7
48804	1	17	10	58	.3	14	5	353	1.93	11	<5	<2	4	25	<2	2	<2	34	.16	.178	10	11	.15	124	.14	<2	3.25	.03	.05	<1	2
48805	1	21	11	64	.1	11	6	528	2.42	65	<5	<2	7	27	.4	<2	<2	44	.22	.072	17	15	.23	131	.13	3	2.50	.02	.05	<1	41
48806	1	20	11	106	.2	6	6	717	2.67	42	<5	<2	5	24	.4	<2	<2	50	.18	.158	13	17	.26	134	.13	<2	1.85	.02	.06	<1	10
48807	1	24	9	64	.1	16	7	515	2.51	34	<5	<2	7	24	.6	3	<2	47	.19	.088	14	17	.28	145	.14	<2	2.69	.02	.07	<1	3
48808	1	20	12	39	.1	14	4	263	1.87	41	<5	<2	9	33	<2	<2	3	39	.38	.018	34	20	.29	61	.12	2	1.49	.03	.07	<1	24
48809	1	13	10	47	.2	17	5	374	1.83	8	<5	<2	4	24	<2	<2	32	.18	.101	13	13	.17	108	.11	2	2.20	.02	.06	2	3	
48810	1	12	5	61	.1	15	4	414	1.89	<2	<5	<2	4	19	<2	2	<2	34	.13	.157	11	12	.15	89	.13	<2	2.66	.02	.05	<1	3
48811	1	11	8	82	.2	16	5	300	2.02	6	<5	<2	5	21	.3	4	<2	36	.12	.114	14	13	.18	148	.12	4	2.30	.02	.05	1	6
48812	1	12	11	92	.2	12	4	753	1.70	4	<5	<2	4	27	<2	3	<2	28	.17	.201	11	10	.13	152	.12	4	2.30	.03	.06	<1	3
48813	4	19	6	33	.3	10	4	286	1.87	14	<5	<2	4	21	<2	<2	30	.19	.048	12	9	.12	71	.16	2	4.06	.04	.05	<1	2	
48814	1	23	8	63	.2	20	5	420	2.08	20	<5	<2	5	26	<2	<2	36	.27	.079	13	14	.24	141	.14	2	2.87	.03	.08	<1	5	
RE 48814	2	23	11	60	.2	18	5	420	2.04	16	<5	<2	5	25	<2	<2	34	.26	.080	13	13	.24	139	.14	3	2.81	.03	.08	<1	5	
48815	1	22	9	60	.3	13	6	406	2.44	9	<5	<2	7	20	<2	3	<2	45	.21	.071	19	18	.27	97	.13	9	2.21	.02	.05	<1	4
48816	1	15	10	55	.3	13	4	264	2.03	5	<5	<2	5	25	<2	3	<2	38	.19	.068	17	13	.19	120	.13	2	2.16	.02	.06	<1	5
48817	1	46	5	109	.1	33	35	1190	3.37	41	<5	<2	2	44	<2	<2	70	.49	.067	12	23	.85	155	.16	4	3.34	.04	.11	1	15	
48818	<1	10	8	84	.1	6	5	1156	1.57	8	<5	<2	<2	15	.3	<2	<2	33	.16	.068	5	9	.14	127	.11	2	1.24	.03	.04	<1	2
48819	2	46	10	85	.1	17	12	889	2.88	28	<5	<2	3	44	.2	<2	<2	47	.39	.062	10	13	.47	241	.13	8	3.01	.04	.15	<1	33
48820	2	52	7	61	.1	33	11	542	3.14	19	<5	<2	6	36	<2	2	<2	56	.33	.041	14	19	.48	99	.16	3	3.03	.02	.10	<1	81
48822	1	31	10	65	.1	18	7	566	2.37	11	<5	<2	6	18	<2	<2	4	44	.18	.082	16	14	.27	165	.15	5	2.98	.02	.06	<1	8
48823	2	37	8	235	.2	28	12	1518	3.27	14	<5	<2	3	31	.9	<2	<2	52	.30	.066	8	21	.33	190	.15	3	1.99	.02	.08	<1	66
48824	1	17	10	68	.2	11	5	545	2.12	8	<5	<2	5	16	<2	2	<2	38	.16	.072	13	14	.27	113	.12	<2	2.23	.02	.05	<1	3
48825	1	21	6	90	.1	18	7	1204	2.48	9	<5	<2	4	27	<2	<2	45	.23	.039	11	15	.30	192	.13	6	1.71	.02	.07	<1	2	
48826	1	42	9	67	.1	20	8	476	2.78	13	<5	<2	6	33	.3	<2	<2	52	.37	.081	19	18	.43	111	.16	2	2.97	.02	.10	<1	3
48827	1	35	14	60	.2	19	7	408	2.48	14	<5	<2	4	25	.3	<2	<2	48	.29	.027	15	18	.42	83	.14	3	2.45	.02	.07	<1	8
48828	1	21	6	50	.1	15	7	468	1.96	10	<5	<2	4	20	<2	4	<2	37	.18	.065	12	13	.19	102	.12	2	2.07	.02	.06	<1	11
STANDARD C/AU-S	18	58	37	127	6.8	72	31	1038	3.96	42	18	7	37	51	17.5	13	22	61	.51	.093	40	58	.90	183	.08	33	1.88	.07	.15	12	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48829	2	19	10	43	.1	13	5	340	2.14	12	<5	<2	7	33	<.2	2	4	40	.33	.014	30	16	.27	135	.13	2	2.39	.02	.05	<1	2
48830	1	21	9	51	<.1	14	5	258	2.18	11	<5	<2	10	17	<.2	2	4	40	.16	.068	21	15	.24	71	.12	<2	2.03	.01	.04	<1	1
48831	1	25	8	64	<.1	18	5	211	2.00	26	<5	<2	6	23	.6	2	<2	34	.23	.083	18	11	.20	95	.13	5	2.93	.03	.05	<1	1
48832	1	25	8	63	<.1	20	5	229	2.05	23	<5	<2	6	23	.4	2	4	35	.23	.085	17	12	.20	87	.13	2	2.83	.03	.05	<1	2
48833	2	27	6	74	<.1	21	6	513	2.10	10	<5	<2	6	20	.5	<2	2	41	.19	.061	18	14	.27	113	.11	2	2.08	.02	.06	<1	2
RE 48833	2	27	7	69	<.1	19	6	519	2.07	12	<5	<2	6	21	.3	3	4	41	.19	.061	19	14	.27	117	.11	3	2.06	.02	.07	<1	9
48834	1	42	6	98	<.1	11	10	394	3.19	12	<5	<2	4	34	.3	<2	<2	62	.14	.064	9	14	.36	83	.15	<2	2.61	.02	.06	<1	13
48835	1	9	7	57	<.1	13	4	383	1.73	<2	<5	<2	5	19	.3	3	<2	30	.15	.065	13	10	.14	110	.12	<2	1.94	.02	.05	<1	<1
48836	1	15	9	111	<.1	21	5	309	1.96	8	<5	<2	6	33	<.2	<2	2	30	.22	.082	26	12	.21	175	.13	2	3.16	.02	.08	<1	<1
48837	1	9	7	43	<.1	11	4	277	1.66	<2	<5	<2	4	19	<.2	6	2	27	.17	.074	11	9	.12	59	.13	<2	2.74	.02	.05	<1	<1
48838	1	21	9	47	.2	18	4	265	1.83	2	<5	<2	4	39	<.2	4	<2	30	.53	.050	41	15	.17	87	.11	<2	2.55	.02	.06	<1	1
48839	1	14	8	67	<.1	14	4	228	1.96	<2	<5	<2	4	20	.3	3	<2	35	.19	.102	16	14	.20	113	.12	<2	2.56	.02	.05	<1	1
48840	1	14	5	90	.1	19	5	392	1.95	5	<5	<2	4	16	.3	4	<2	35	.14	.114	11	12	.17	93	.12	<2	2.50	.01	.05	<1	1
48841	2	80	8	82	.3	40	5	810	2.05	13	<5	<2	5	34	1.0	<2	<2	29	.72	.038	66	18	.21	47	.13	2	2.67	.04	.05	<1	1
48842	3	36	6	122	.1	30	10	1189	2.93	15	<5	<2	3	21	.6	<2	3	45	.22	.051	10	16	.29	131	.12	<2	1.38	.02	.07	<1	2
48843	1	14	11	93	<.1	20	5	321	2.56	10	<5	<2	5	18	.6	<2	2	46	.17	.095	14	15	.27	78	.12	2	1.64	.01	.05	1	3
48844	1	17	10	104	<.1	15	6	705	2.48	7	<5	<2	4	28	.5	2	<2	37	.28	.091	13	13	.71	145	.12	<2	1.69	.01	.07	<1	<1
48845	1	17	11	78	<.1	19	6	504	2.22	<2	<5	<2	5	15	<.2	<2	<2	40	.14	.055	14	14	.28	97	.11	<2	1.56	.01	.05	1	3
48846	1	54	5	48	<.1	28	8	317	2.82	14	<5	<2	7	20	.3	2	2	50	.16	.103	14	17	.40	78	.15	2	3.12	.01	.06	<1	10
48847	2	33	9	38	<.1	19	5	195	2.36	6	<5	<2	11	11	<.2	3	2	43	.11	.088	20	16	.29	37	.11	<2	1.95	.01	.05	<1	4
48848	1	24	5	57	<.1	18	6	468	2.24	7	<5	<2	7	17	<.2	<2	3	40	.18	.082	19	14	.25	93	.11	2	1.86	.01	.06	<1	4
48849	1	20	7	43	<.1	11	5	383	1.90	4	<5	<2	4	19	.3	3	<2	31	.21	.067	9	10	.17	97	.12	2	2.36	.02	.05	1	2
48850	1	29	6	83	<.1	27	8	1237	2.49	7	<5	<2	3	26	<.2	<2	<2	42	.23	.094	9	11	.34	188	.15	<2	3.36	.03	.08	<1	1
48851	<1	17	10	145	<.1	18	7	1829	2.23	13	<5	<2	2	71	.3	3	2	35	.38	.158	13	12	.27	222	.14	<2	2.69	.02	.08	<1	13
48852	1	31	4	160	<.1	32	8	1279	2.70	12	<5	<2	3	27	.2	<2	<2	46	.23	.066	12	14	.41	151	.13	<2	2.19	.02	.07	<1	2
48853	1	49	3	532	<.1	56	12	2019	3.70	28	<5	<2	3	29	1.3	<2	4	51	.29	.058	10	18	.53	278	.14	<2	2.50	.02	.13	<1	24
48855	1	13	56	67	.1	12	4	164	1.66	<2	<5	<2	6	26	<.2	2	<2	32	.30	.020	16	13	.20	75	.09	<2	1.44	.02	.04	1	1
48857	1	11	7	52	<.1	9	3	239	1.60	<2	<5	<2	5	10	<.2	2	<2	28	.09	.099	11	10	.12	82	.10	<2	1.75	.02	.03	<1	<1
48858	1	17	<2	102	<.1	31	9	486	2.32	<2	<5	<2	4	15	.3	<2	<2	46	.12	.061	9	20	.31	111	.14	<2	2.58	.02	.06	<1	2
48859	1	14	9	50	<.1	15	6	322	2.02	<2	<5	<2	5	16	.3	3	<2	38	.12	.069	11	14	.22	120	.12	2	2.65	.02	.05	<1	<1
48860	1	11	7	96	.1	8	4	518	1.64	5	<5	<2	3	16	.2	3	<2	28	.21	.147	8	9	.11	76	.12	<2	2.81	.02	.04	<1	<1
48861	1	14	4	44	<.1	8	3	235	2.17	<2	<5	<2	9	9	.2	5	<2	40	.08	.088	16	15	.22	61	.11	<2	1.93	.01	.04	<1	6
48862	1	12	6	56	.1	9	4	287	1.92	<2	<5	<2	6	10	.2	3	<2	35	.10	.087	11	10	.15	79	.13	<2	2.67	.02	.04	<1	1
48863	2	10	7	63	<.1	8	3	118	1.91	7	<5	<2	4	15	.3	4	<2	35	.10	.029	9	9	.10	65	.12	<2	2.25	.02	.04	<1	4
48864	1	14	7	65	<.1	20	5	390	1.95	8	<5	<2	5	20	.4	2	<2	35	.20	.082	9	11	.17	98	.12	<2	2.38	.02	.05	<1	1
STANDARD C/AU-S	19	57	39	128	6.6	72	31	1041	3.96	42	18	7	37	52	17.7	18	22	61	.51	.092	40	59	.91	183	.08	33	1.88	.07	.15	13	51

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48865	2	13	11	76	.2	9	4	441	1.97	3	<5	<2	5	16	.5	4	<2	33	.18	.065	9	9	.15	107	.15	2	3.20	.03	.05	<1	2
48866	1	21	6	82	.3	24	8	578	1.96	4	<5	<2	4	17	<.2	2	3	30	.16	.099	8	9	.15	104	.17	2	3.98	.03	.05	<1	2
48867	1	19	11	64	<.1	14	5	1045	2.24	<2	<5	<2	5	15	<.2	2	<2	37	.15	.059	13	12	.22	142	.15	2	3.03	.02	.05	<1	1
48868	1	21	9	51	.1	11	5	621	2.08	4	<5	<2	6	18	.3	5	3	35	.16	.096	14	10	.20	137	.15	<2	3.48	.03	.05	<1	2
48869	<1	14	8	71	.1	12	6	700	1.92	12	<5	<2	3	13	<.2	<2	<2	32	.13	.132	7	9	.11	113	.13	3	2.55	.02	.04	<1	2
48871	1	23	11	50	.1	12	5	459	2.53	4	<5	<2	8	11	<.2	3	2	43	.09	.066	15	13	.22	71	.15	<2	2.90	.02	.04	<1	27
48872	1	20	13	87	.1	15	7	1361	2.59	26	<5	<2	6	22	<.2	2	3	40	.19	.070	12	13	.24	142	.13	4	1.80	.02	.07	<1	20
48873	2	41	9	83	<.1	9	9	1185	2.06	28	<5	<2	2	48	<.2	2	<2	35	.38	.047	8	9	.25	135	.09	3	1.52	.03	.06	<1	360
48874	1	17	12	61	.1	11	5	445	2.29	14	<5	<2	5	18	.2	2	<2	43	.15	.053	13	14	.23	95	.12	<2	1.56	.02	.05	<1	4
48875	1	27	7	72	.1	14	6	570	2.25	15	<5	<2	5	26	.2	2	3	42	.22	.065	17	14	.27	139	.13	2	2.10	.02	.10	<1	6
48876	1	34	13	67	.1	14	6	526	2.32	26	<5	<2	5	31	<.2	2	<2	41	.28	.157	14	14	.24	77	.11	<2	2.25	.02	.05	1	4
48877	1	40	9	45	.3	10	5	320	1.87	53	<5	<2	4	34	.3	3	<2	28	.50	.023	47	11	.19	53	.14	2	3.01	.04	.05	<1	1
48878	1	20	11	78	.1	11	6	703	2.32	5	<5	<2	3	24	.2	2	<2	45	.22	.099	11	17	.27	130	.14	3	2.64	.03	.06	<1	<1
48879	1	49	12	256	<.1	48	16	771	3.32	8	<5	<2	4	32	1.1	2	<2	66	.30	.095	11	27	.48	132	.17	4	2.81	.02	.09	<1	1
48880	1	14	10	91	.1	13	7	746	2.62	6	<5	<2	5	31	.4	4	<2	52	.24	.051	13	20	.39	137	.15	<2	2.25	.02	.07	<1	1
48881	1	27	7	57	.1	19	9	268	2.62	5	<5	<2	5	19	<.2	4	<2	49	.19	.102	17	19	.37	86	.14	<2	2.62	.02	.07	<1	11
48882	1	14	10	77	.1	13	6	405	2.37	8	<5	<2	5	14	<.2	3	<2	44	.14	.120	15	16	.28	110	.13	<2	2.59	.01	.06	<1	<1
48883	1	10	10	39	<.1	12	4	260	1.85	6	<5	<2	4	18	.3	3	6	33	.19	.055	13	10	.17	90	.12	<2	2.34	.02	.05	<1	<1
RE 48883	1	11	7	41	<.1	10	4	265	1.88	4	<5	<2	4	19	.2	4	<2	33	.20	.058	14	10	.17	88	.13	3	2.43	.02	.05	<1	1
48884	1	27	11	55	<.1	19	8	250	2.54	7	<5	<2	5	18	.2	<2	<2	47	.18	.099	16	19	.36	84	.14	<2	2.61	.01	.07	<1	2
48885	1	23	9	74	<.1	26	5	540	2.29	58	<5	<2	5	18	<.2	<2	<2	45	.22	.062	14	17	.31	70	.13	4	2.24	.02	.06	<1	1
48886	1	10	8	43	.1	12	3	272	1.84	5	<5	<2	5	18	<.2	<2	<2	32	.20	.055	13	10	.17	86	.12	<2	2.33	.02	.05	<1	<1
48887	1	18	15	62	.1	13	5	578	2.24	7	<5	<2	7	24	<.2	3	3	44	.20	.069	18	16	.26	103	.11	2	1.61	.02	.06	<1	1
48888	1	20	9	73	.1	9	6	927	2.55	20	<5	<2	4	35	.2	2	4	49	.31	.064	14	14	.35	154	.14	2	2.41	.02	.09	<1	3
48889	1	22	8	87	<.1	7	9	816	3.08	6	<5	<2	3	37	.4	<2	<2	60	.28	.104	9	11	.59	154	.18	2	3.20	.02	.12	<1	19
48890	1	20	14	56	.1	11	4	345	2.33	9	<5	<2	7	19	<.2	2	4	44	.20	.112	17	12	.35	99	.13	<2	2.45	.02	.08	<1	1
48891	1	24	8	112	.1	16	6	1056	2.13	11	<5	<2	4	21	<.2	<2	<2	40	.20	.099	11	14	.27	125	.11	5	1.85	.01	.06	<1	5
48892	1	21	9	79	.1	18	5	420	2.28	6	<5	<2	6	16	<.2	4	<2	42	.14	.049	13	17	.29	108	.13	3	2.36	.02	.05	<1	1
48893	1	20	13	124	.2	24	7	1014	2.59	14	<5	<2	6	21	<.2	<2	<2	46	.25	.092	14	18	.33	108	.13	<2	1.78	.01	.05	<1	3
48894	1	28	4	128	.1	27	9	1173	2.38	10	<5	<2	4	28	<.2	<2	<2	44	.27	.031	11	23	.45	153	.14	3	1.96	.02	.09	<1	3
48895	2	28	8	102	.1	14	10	1273	2.73	25	<5	<2	4	24	.3	<2	<2	47	.21	.084	12	13	.29	151	.12	<2	1.87	.01	.07	<1	11
48896	3	70	8	119	.1	47	10	441	2.76	10	<5	<2	6	24	.3	<2	2	51	.22	.054	15	20	.38	105	.14	2	2.66	.01	.07	<1	5
48897	2	22	8	124	<.1	19	7	605	2.41	33	<5	<2	6	24	<.2	<2	4	43	.22	.115	15	17	.35	103	.11	2	1.96	.02	.07	<1	20
48901	2	21	6	85	.2	10	8	180	3.00	21	<5	<2	5	19	.2	2	<2	58	.17	.022	11	18	.30	103	.12	3	2.47	.02	.05	<1	3
48902	1	26	11	84	.3	7	6	591	2.77	26	<5	<2	3	13	.2	3	<2	51	.15	.135	8	15	.21	88	.14	5	3.24	.02	.04	<1	20
STANDARD C/AU-S	18	56	38	126	6.7	72	32	1035	3.96	42	19	6	37	51	17.2	13	22	61	.51	.092	40	58	.90	182	.08	35	1.88	.06	.16	11	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48903	2	34	10	70	.2	18	7	242	2.52	13	<5	<2	5	20	<.2	4	4	43	.15	.082	13	13	.32	158	.14	3	3.63	.03	.05	<1	3
48904	1	31	9	68	<.1	19	6	411	2.30	9	<5	<2	4	16	<.2	3	<2	38	.15	.125	13	12	.19	109	.17	3	4.60	.03	.04	<1	6
48905	2	42	14	49	<.1	20	7	198	2.77	28	<5	<2	5	25	.6	2	<2	46	.18	.080	19	16	.31	121	.15	4	3.44	.03	.05	<1	44
48906	1	32	18	102	.1	23	7	318	2.76	9	<5	<2	6	19	.4	<2	<2	53	.15	.165	8	22	.35	92	.15	5	4.41	.02	.06	<1	4
48907	1	23	10	56	<.1	19	7	209	2.24	5	<5	<2	4	35	<.2	<2	2	56	.29	.035	11	23	.54	72	.11	<2	2.06	.02	.04	<1	2
48908	1	11	11	76	<.1	10	4	660	2.05	9	<5	<2	4	15	<.2	2	<2	36	.16	.133	15	12	.18	90	.13	4	2.74	.02	.06	<1	<1
48909	1	19	13	62	<.1	11	4	274	2.16	<2	<5	<2	7	13	.3	2	4	39	.11	.104	17	12	.26	103	.14	5	3.25	.02	.04	<1	<1
RE 48909	1	19	14	61	<.1	11	4	270	2.13	6	<5	<2	7	13	.4	<2	<2	38	.11	.104	17	13	.26	101	.14	3	3.25	.02	.04	<1	<1
48910	1	20	18	90	.2	18	6	1003	2.22	12	<5	<2	4	11	<.2	<2	<2	35	.11	.152	9	11	.18	99	.18	3	4.78	.02	.05	<1	<1
48911	1	21	12	56	<.1	18	6	162	1.68	<2	<5	<2	6	22	.4	2	3	32	.19	.046	21	14	.29	125	.17	<2	3.91	.02	.04	<1	<1
48912	1	14	11	55	<.1	6	4	436	1.83	3	<5	<2	3	15	.2	<2	2	33	.15	.104	12	11	.20	89	.12	4	2.40	.02	.04	<1	<1
48913	1	21	10	64	.1	10	5	377	2.50	3	<5	<2	4	21	.2	2	<2	47	.17	.092	13	16	.33	85	.13	<2	2.19	.01	.05	<1	<1
48914	1	17	10	61	<.1	16	5	388	2.14	<2	<5	<2	4	20	<.2	2	<2	40	.19	.073	11	15	.27	87	.13	4	2.45	.02	.07	<1	3
48915	1	16	12	73	.1	14	5	351	2.15	2	<5	<2	5	20	.3	2	<2	41	.19	.105	15	15	.24	147	.12	3	2.34	.02	.04	<1	<1
48916	1	17	10	95	<.1	15	4	434	2.50	4	<5	<2	5	16	.3	<2	<2	46	.17	.136	13	17	.25	83	.12	4	2.59	.02	.06	<1	5
48917	1	24	10	114	.2	26	7	489	2.62	8	<5	<2	4	20	<.2	<2	<2	51	.19	.099	11	22	.32	92	.13	2	2.56	.02	.07	<1	8
48918	1	54	12	111	.2	49	22	1202	3.83	14	<5	<2	2	31	.5	<2	4	56	.24	.153	9	23	.33	102	.14	2	2.65	.01	.06	<1	9
48919	1	67	6	111	.1	58	16	1388	3.78	10	<5	<2	2	93	.5	<2	<2	59	.44	.107	8	26	.41	181	.13	3	2.57	.01	.06	<1	1
48920	1	16	11	86	.1	17	6	509	2.21	10	<5	<2	3	16	<.2	<2	2	37	.17	.102	7	14	.23	80	.14	3	3.13	.02	.04	<1	1
48921	1	35	10	138	<.1	35	9	452	2.45	15	<5	<2	3	25	.8	3	<2	46	.21	.075	9	24	.41	116	.14	6	2.61	.02	.06	<1	<1
48922	<1	38	5	100	.1	29	8	433	2.52	27	<5	<2	3	32	.6	<2	<2	52	.26	.079	10	27	.53	153	.14	4	2.77	.02	.10	<1	9
48923	1	28	4	82	.2	25	6	499	1.89	7	<5	<2	2	35	.4	2	<2	34	.26	.059	6	14	.29	111	.11	4	2.41	.02	.09	<1	2
48924	1	19	9	72	.1	13	7	543	2.17	2	<5	<2	3	29	.2	3	<2	40	.27	.055	8	15	.36	137	.13	6	2.65	.02	.07	1	1
48925	2	15	11	100	<.1	13	6	378	2.14	4	<5	<2	2	25	.5	4	<2	38	.20	.084	6	12	.22	85	.14	4	3.14	.02	.05	<1	<1
48926	2	18	11	94	.2	10	7	432	2.08	7	<5	<2	2	19	.4	3	<2	35	.18	.094	6	10	.17	76	.14	6	3.09	.02	.05	<1	<1
48927	1	24	10	141	<.1	12	10	988	2.92	4	<5	<2	3	18	.2	3	<2	42	.15	.128	7	12	.23	166	.12	2	1.95	.02	.06	<1	13
48930	2	41	19	89	<.1	19	9	1135	2.67	21	<5	<2	8	41	.8	2	<2	51	.37	.040	23	21	.36	148	.14	2	2.51	.02	.13	<1	5
48931	1	60	23	148	<.1	12	8	1992	2.70	40	<5	<2	2	81	1.8	<2	<2	70	.67	.072	14	13	.92	152	.07	<2	2.79	.03	.14	<1	35
48932	1	84	17	135	<.1	13	7	586	2.20	41	<5	<2	2	46	.9	2	<2	37	.35	.243	8	12	.36	144	.11	6	2.25	.02	.12	<1	8
48933	<1	48	13	107	.3	6	5	1081	1.47	23	<5	<2	<2	52	1.4	<2	<2	29	.47	.103	6	10	.26	231	.08	8	1.64	.03	.15	<1	6
48934	<1	190	15	123	.3	13	18	1183	2.39	47	<5	<2	<2	109	1.4	<2	2	55	.74	.163	8	11	.72	237	.06	6	1.86	.02	.13	<1	4
48935	1	77	14	124	<.1	17	7	664	2.45	14	<5	<2	3	53	1.2	<2	<2	48	.33	.041	17	21	.38	112	.10	<2	1.60	.01	.15	<1	51
48936	<1	54	4	191	.1	7	6	636	2.47	22	<5	<2	2	35	1.6	2	<2	33	.36	.023	7	8	.90	118	.09	4	2.37	.02	.17	<1	5
48937	1	82	19	154	.6	14	7	387	2.70	27	<5	<2	3	46	1.5	<2	<2	46	.52	.087	17	20	.36	120	.11	3	2.50	.02	.12	<1	9
48938	4	250	14	101	1.7	20	16	413	4.18	40	<5	<2	5	92	1.3	<2	5	57	.49	.060	32	28	.44	104	.13	2	2.02	.01	.16	<1	53
STANDARD C/AU-S	18	61	39	128	6.7	73	31	1033	3.96	43	17	7	36	52	17.5	19	22	61	.51	.093	40	58	.90	182	.08	34	1.88	.06	.15	12	54

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48939	1	47	15	103	.2	14	7	417	2.27	13	<5	<2	5	42	.2	4	<2	37	.36	.102	14	16	.26	111	.13	4	2.61	.03	.12	<1	120
49001	1	45	14	131	<.1	48	10	651	2.91	33	<5	<2	9	23	<.2	<2	<2	51	.23	.083	22	18	.46	119	.16	6	2.95	.02	.09	<1	5
49002	2	59	15	128	.2	85	14	1042	3.35	12	<5	<2	5	25	.4	<2	<2	58	.20	.158	10	22	.47	139	.18	<2	4.19	.02	.08	<1	5
49003	2	43	10	98	.1	32	9	519	3.81	7	<5	<2	4	21	<.2	<2	3	66	.18	.098	10	18	.62	141	.20	<2	3.09	.02	.09	<1	8
49004	1	15	14	70	.1	12	4	364	2.31	3	<5	<2	7	19	<.2	<2	3	39	.21	.070	17	12	.22	121	.13	5	2.07	.03	.09	<1	7
49005	2	15	13	29	.1	7	5	230	2.15	<2	<5	<2	6	25	<.2	<2	4	39	.28	.031	14	11	.22	72	.14	<2	2.36	.03	.10	<1	26
RE 49005	2	15	11	31	.2	10	5	226	2.06	<2	<5	<2	7	25	<.2	4	6	38	.29	.031	13	10	.21	75	.14	2	2.35	.03	.10	<1	3
49006	2	31	15	115	.2	22	11	598	3.00	10	<5	<2	4	62	.3	<2	6	47	.41	.167	8	13	.30	110	.18	4	3.94	.03	.09	<1	3
49007	1	12	17	51	.3	10	6	213	2.06	<2	<5	<2	5	40	<.2	3	<2	34	.20	.053	11	11	.23	125	.11	<2	2.45	.02	.07	<1	1
49008	1	17	17	61	<.1	10	5	675	2.28	4	<5	<2	10	32	<.2	<2	4	38	.22	.061	16	11	.26	177	.15	4	2.78	.03	.09	<1	2
49009	1	14	17	46	.3	10	5	262	2.18	4	<5	<2	5	24	<.2	2	4	37	.24	.050	12	11	.18	94	.16	<2	3.00	.03	.06	<1	6
49010	1	13	18	39	<.1	10	5	193	2.49	4	<5	<2	10	26	<.2	5	3	48	.28	.019	15	14	.21	48	.12	3	2.07	.02	.07	<1	2
49011	2	30	19	46	.2	14	7	486	2.40	4	<5	<2	7	36	<.2	3	3	37	.29	.069	19	10	.23	121	.15	5	3.21	.03	.10	<1	35
49012	1	18	14	59	.1	10	5	282	2.34	7	<5	<2	9	22	<.2	<2	7	42	.18	.076	24	13	.24	121	.15	3	2.91	.03	.07	<1	8
49013	1	14	15	45	<.1	10	5	361	2.19	31	<5	<2	8	22	<.2	<2	2	40	.20	.071	21	13	.24	94	.12	3	2.04	.02	.06	<1	5
49014	1	12	13	58	<.1	13	5	527	2.21	22	<5	<2	8	25	<.2	2	5	41	.20	.078	20	15	.24	129	.13	6	2.39	.02	.05	<1	4
49015	1	16	11	112	.2	11	5	621	1.97	568	<5	<2	5	26	.6	<2	<2	31	.21	.095	13	10	.17	158	.11	2	2.13	.03	.06	<1	140
49016	1	11	14	61	.1	7	4	794	1.92	30	<5	<2	4	18	<.2	<2	<2	35	.18	.112	9	11	.14	133	.12	4	2.03	.03	.05	<1	5
49017	1	14	16	70	.1	12	6	771	2.05	69	<5	<2	4	28	<.2	4	<2	35	.22	.089	12	12	.16	185	.15	4	2.76	.03	.06	<1	9
49018	5	223	13	97	.4	49	15	367	3.85	185	<5	<2	7	61	.7	<2	9	52	.38	.057	22	22	.48	98	.15	3	3.21	.03	.09	<1	210
49019	2	48	12	63	.1	18	8	357	3.09	98	<5	<2	8	41	.6	<2	<2	52	.33	.067	26	18	.36	72	.10	<2	1.60	.02	.06	<1	31
49020	2	25	12	78	.3	18	6	359	2.32	62	<5	<2	6	32	.4	3	4	36	.24	.090	16	12	.21	105	.15	<2	3.16	.04	.07	<1	15
49021	4	14	4	30	.1	12	5	395	2.47	127	<5	<2	9	31	.3	<2	3	48	.46	.059	30	18	.20	50	.09	2	.90	.02	.04	<1	14
49022	1	46	5	25	.3	7	1	101	.45	2	5	<2	<2	46	.3	5	<2	14	.95	.030	18	3	.06	17	.04	5	.59	.05	.03	<1	3
49023	1	21	12	65	.1	12	6	455	1.93	9	<5	<2	4	25	<.2	<2	<2	33	.19	.094	12	10	.19	88	.13	4	2.70	.02	.06	<1	63
49024	1	15	16	74	<.1	12	5	562	1.92	17	<5	<2	4	21	<.2	3	<2	32	.17	.082	11	12	.15	105	.13	2	2.62	.03	.06	<1	9
49025	1	15	10	62	.1	14	5	588	1.92	49	<5	<2	3	24	.2	<2	<2	32	.23	.158	12	13	.18	113	.13	3	2.80	.02	.07	<1	7
49026	1	32	6	34	.3	11	3	307	1.38	77	<5	<2	2	74	.4	2	3	22	.84	.033	16	10	.17	72	.10	<2	1.90	.04	.04	<1	7
49027	1	11	11	61	.2	9	5	225	1.71	18	<5	<2	3	16	<.2	2	<2	29	.12	.218	8	11	.13	89	.12	3	2.24	.02	.04	<1	4
49028	1	13	11	78	.2	9	4	515	1.83	22	<5	<2	4	32	.2	3	<2	31	.20	.165	12	13	.19	116	.12	5	2.23	.02	.07	<1	31
49029	1	9	8	25	<.1	8	4	187	2.05	12	<5	<2	5	26	<.2	3	<2	44	.25	.042	16	17	.21	48	.10	3	.81	.01	.04	1	27
49030	2	12	10	75	.1	8	9	1469	1.92	9	<5	<2	<2	39	.2	<2	<2	36	.32	.055	34	10	.20	135	.11	<2	1.32	.02	.06	<1	3
49031	1	13	14	46	.1	11	4	451	1.99	2	<5	<2	6	17	.3	<2	4	36	.17	.043	20	11	.20	104	.14	2	2.13	.02	.06	<1	84
49032	2	13	8	63	.1	12	6	322	2.46	4	<5	<2	5	14	<.2	2	<2	43	.11	.121	11	13	.25	83	.17	3	3.14	.02	.06	<1	3
49033	1	10	13	58	.1	11	4	533	1.84	3	<5	<2	6	12	<.2	3	<2	33	.11	.085	14	11	.16	94	.13	5	2.24	.02	.05	<1	5
STANDARD C/AU-S	19	58	37	123	7.0	72	32	1045	3.96	42	19	6	37	52	17.5	14	21	61	.51	.093	40	58	.91	183	.08	33	1.88	.06	.16	11	53

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
49034	<1	15	14	56	<.1	13	5	264	2.33	<2	<5	<2	9	23	.5	4	4	42	.20	.119	15	12	.24	106	.15	<2	2.98	.01	.07	<1	2
49035	1	17	17	95	.1	10	6	1046	1.94	2	<5	<2	6	33	1.4	<2	3	33	.36	.076	16	11	.20	184	.13	4	2.54	.02	.09	<1	3
49036	2	15	9	57	.3	10	5	418	2.05	9	<5	<2	6	15	.3	3	5	35	.14	.089	15	11	.17	105	.15	2	3.04	.02	.06	<1	2
49037	1	12	15	76	.2	9	4	522	2.17	3	<5	<2	4	25	.2	3	<2	37	.21	.112	11	12	.20	171	.16	2	2.51	.02	.07	<1	1
49038	1	19	11	55	.1	7	8	658	2.22	6	<5	<2	3	50	.6	<2	<2	29	.40	.216	13	9	.20	189	.14	7	3.30	.03	.09	<1	1
49039	1	13	14	112	.1	8	4	244	2.90	5	<5	<2	4	20	<.2	<2	<2	43	.19	.254	9	13	.26	86	.16	2	2.02	.01	.05	<1	1
49040	1	16	15	48	.1	9	3	255	2.52	<2	<5	<2	7	17	.2	<2	5	46	.19	.077	13	14	.24	89	.15	2	2.66	.02	.05	<1	2
49041	1	16	9	88	.1	9	7	733	2.34	6	<5	<2	4	34	.4	<2	<2	44	.37	.116	12	14	.29	141	.13	4	2.05	.01	.08	<1	2
49042	1	15	8	52	<.1	7	4	433	2.01	<2	<5	<2	6	30	.4	<2	3	39	.27	.105	16	12	.23	98	.12	<2	1.99	.01	.10	<1	12
49043	1	13	9	78	<.1	10	5	412	1.95	4	<5	<2	4	31	.2	<2	<2	32	.24	.098	15	10	.15	126	.15	4	3.31	.02	.07	<1	1
49044	2	12	7	51	.1	10	6	323	2.26	<2	<5	<2	6	29	<.2	<2	4	44	.40	.031	19	14	.22	92	.12	<2	1.82	.02	.08	<1	2
49045	1	17	6	79	<.1	9	5	444	2.31	<2	<5	<2	4	25	.2	<2	<2	38	.24	.164	10	11	.19	75	.14	3	2.66	.02	.05	<1	2
49046	2	145	12	37	.3	13	6	354	1.97	3	<5	<2	3	34	.3	2	<2	29	.45	.038	46	11	.16	55	.14	3	3.25	.04	.05	<1	3
49047	3	17	8	41	.1	15	5	228	1.90	<2	<5	<2	4	25	.2	<2	<2	32	.25	.021	9	11	.14	66	.13	2	2.52	.03	.08	<1	4
49048	2	15	9	100	.2	18	6	444	1.73	<2	<5	<2	3	23	.4	<2	<2	31	.21	.090	8	12	.18	107	.12	3	1.92	.02	.08	<1	2
49049	1	12	7	82	<.1	13	4	425	2.17	<2	<5	<2	6	19	.3	<2	2	41	.23	.112	12	16	.19	88	.11	2	1.75	.01	.06	1	2
49050	1	27	4	84	.2	22	5	385	2.12	9	<5	<2	6	41	.3	<2	<2	40	.37	.079	16	19	.29	107	.12	<2	1.99	.02	.12	<1	2
49051	1	14	6	58	.1	15	4	261	1.83	6	<5	<2	4	14	<.2	4	<2	33	.13	.125	13	11	.14	103	.12	3	2.59	.02	.05	<1	4
49052	2	16	8	86	.1	13	5	737	1.74	6	<5	<2	4	22	.4	3	<2	29	.13	.161	14	10	.14	116	.14	2	3.52	.03	.06	<1	2
49053	1	12	5	65	.1	14	4	452	1.76	10	<5	<2	4	27	.3	3	<2	32	.21	.101	14	13	.17	105	.11	2	1.89	.01	.05	<1	6
RE 49053	1	13	6	65	<.1	12	5	458	1.79	9	<5	<2	4	28	<.2	<2	<2	33	.22	.103	15	13	.17	109	.11	2	1.92	.02	.05	<1	42
49054	1	61	9	66	.2	22	6	318	2.49	27	<5	<2	11	60	.4	<2	5	45	.28	.032	50	19	.37	182	.16	3	3.65	.04	.12	<1	2
49055	1	15	4	100	<.1	12	5	797	1.85	14	<5	<2	3	34	.4	3	<2	31	.28	.221	11	11	.16	163	.12	4	2.51	.02	.08	<1	5
49056	1	13	7	74	<.1	13	5	568	1.67	9	<5	<2	3	32	.6	3	<2	28	.25	.149	15	11	.15	132	.12	4	2.65	.03	.08	<1	2
49057	1	10	3	73	<.1	14	4	433	1.67	9	<5	<2	4	37	.2	4	<2	29	.22	.137	10	12	.16	121	.11	3	2.31	.02	.07	<1	2
49058	1	17	8	73	<.1	12	5	365	2.16	10	<5	<2	5	37	<.2	<2	<2	43	.30	.137	11	17	.28	112	.11	5	1.72	.02	.07	<1	11
49059	1	10	9	92	.1	11	4	421	1.99	5	<5	<2	4	38	.4	<2	<2	34	.30	.155	11	14	.22	133	.11	<2	1.82	.02	.09	<1	3
49060	1	17	7	77	<.1	14	4	607	2.05	12	<5	<2	5	34	.3	<2	<2	35	.26	.188	12	13	.17	123	.13	3	3.11	.03	.07	<1	8
49061	<1	27	9	78	.1	15	6	267	2.38	32	<5	<2	5	30	.3	<2	3	41	.29	.204	19	15	.27	100	.16	3	4.17	.03	.10	<1	22
49062	1	13	7	43	<.1	14	4	409	1.93	15	<5	<2	4	34	.4	<2	<2	37	.28	.114	14	15	.19	71	.12	3	2.01	.03	.06	1	10
49063	1	26	8	70	<.1	16	6	434	2.18	16	<5	<2	4	48	.4	2	<2	42	.50	.095	36	23	.27	101	.12	<2	1.56	.03	.09	<1	10
49064	1	18	5	58	.1	16	5	206	1.93	16	<5	<2	4	31	.4	<2	<2	34	.22	.156	14	12	.19	98	.13	3	2.79	.03	.06	<1	8
49065	1	12	5	63	.1	14	4	435	1.67	20	<5	<2	2	35	.5	3	<2	27	.27	.109	16	10	.15	116	.14	<2	3.13	.03	.08	<1	4
49066	<1	12	5	47	<.1	11	4	179	2.09	27	<5	<2	4	30	.2	<2	<2	39	.22	.071	15	16	.21	112	.11	2	1.59	.02	.08	2	10
49067	1	8	6	52	<.1	9	4	433	1.87	6	<5	<2	3	31	.2	3	<2	36	.24	.101	15	16	.17	108	.09	<2	1.20	.02	.07	<1	10
STANDARD C/AU-S	19	57	38	122	6.8	66	32	1044	3.96	43	20	7	37	52	17.8	18	22	61	.51	.092	40	59	.91	182	.08	36	1.88	.06	.16	13	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
49068	<1	10	6	30	.1	6	3	157	1.73	5	<5	<2	4	24	<.2	3	<2	38	.18	.041	13	17	.13	50	.09	2	.67	.02	.06	2	6
49069	1	32	11	50	<.1	19	7	337	2.46	24	<5	<2	3	54	.2	2	<2	56	.61	.091	31	34	.31	75	.10	2	1.19	.02	.14	<1	8
49070	<1	19	11	47	<.1	19	8	269	2.57	3	<5	<2	6	53	<.2	2	<2	64	.44	.131	25	41	.36	75	.12	2	.84	.02	.15	<1	6
49071	1	29	13	90	<.1	20	8	607	2.67	18	<5	<2	5	46	<.2	2	<2	50	.29	.097	19	30	.27	154	.13	3	1.98	.01	.15	1	19
49072	<1	40	14	85	<.1	13	9	901	2.76	29	<5	<2	4	94	.2	<2	2	55	.54	.068	17	21	.34	157	.09	2	1.99	.02	.13	<1	35
49073	<1	51	11	62	.1	13	7	290	2.67	6	<5	<2	4	63	<.2	2	<2	46	.39	.045	15	24	.28	102	.10	4	1.48	.02	.25	<1	55
49074	<1	29	8	68	<.1	10	6	749	2.33	8	<5	<2	3	36	<.2	2	<2	45	.37	.030	13	22	.18	93	.10	3	1.02	.02	.18	<1	25
49075	<1	35	8	114	.1	11	5	312	2.27	16	<5	<2	3	35	.5	2	<2	45	.32	.032	15	26	.18	71	.10	2	.94	.01	.11	<1	26
49076	<1	32	9	47	<.1	12	7	621	2.30	20	<5	<2	4	34	<.2	<2	<2	50	.29	.027	21	27	.21	81	.10	2	.84	.02	.17	1	52
49077	1	30	5	64	<.1	15	8	949	2.42	11	<5	<2	4	41	.2	<2	<2	50	.37	.035	21	28	.23	144	.10	3	1.01	.01	.22	2	19
49078	1	56	13	71	<.1	15	9	924	2.84	18	<5	<2	5	42	<.2	3	<2	55	.37	.044	27	26	.26	122	.10	2	1.33	.02	.22	<1	60
49079	1	22	10	130	<.1	11	6	871	2.08	10	<5	<2	3	37	.3	2	<2	38	.35	.044	11	19	.20	129	.10	3	1.44	.02	.14	1	22
49080	<1	21	6	72	<.1	12	5	597	2.09	12	<5	<2	5	26	<.2	2	<2	42	.23	.045	13	17	.18	99	.09	<2	.96	.02	.07	<1	54
49081	1	34	12	78	.1	17	7	342	2.31	26	<5	<2	5	26	<.2	3	<2	44	.20	.070	11	19	.22	131	.11	3	1.85	.02	.10	<1	58
49082	1	17	11	112	.1	12	5	456	1.60	20	<5	<2	3	26	<.2	2	<2	28	.17	.108	6	11	.12	148	.10	3	1.85	.02	.05	<1	7
49083	<1	21	10	80	.1	10	5	324	2.11	14	<5	<2	3	24	<.2	3	<2	44	.20	.035	9	17	.23	83	.10	<2	1.32	.02	.10	<1	6
49084	<1	32	7	185	.2	13	6	358	2.02	28	<5	<2	2	35	.3	<2	<2	38	.25	.137	8	15	.23	145	.10	2	1.84	.02	.11	<1	4
49085	<1	32	7	175	.1	13	5	215	1.96	26	<5	<2	2	32	.3	2	<2	34	.24	.094	7	14	.22	110	.09	2	1.74	.02	.13	<1	21
49086	<1	28	10	149	.1	13	5	417	1.80	52	<5	<2	2	35	.3	2	<2	32	.28	.146	8	15	.17	139	.10	3	1.97	.02	.09	<1	22
49087	<1	26	9	83	.1	17	6	297	2.39	38	<5	<2	5	36	<.2	2	<2	46	.24	.198	11	22	.25	138	.12	<2	2.17	.02	.10	<1	20
49088	1	19	10	84	.1	15	6	389	1.94	19	<5	<2	4	22	<.2	4	<2	32	.20	.148	11	14	.17	101	.12	3	2.32	.02	.10	<1	2
49089	1	53	7	42	.1	14	4	195	1.53	36	<5	<2	2	55	<.2	<2	<2	25	.65	.027	16	13	.15	65	.09	2	1.82	.04	.05	<1	3
49090	1	85	10	82	.2	18	15	809	3.01	135	<5	<2	3	48	<.2	3	<2	62	.26	.095	13	20	.31	107	.12	3	2.50	.02	.09	<1	33
RE 49090	<1	88	10	85	.2	19	16	852	3.01	138	<5	<2	4	51	<.2	2	<2	62	.27	.097	13	20	.32	112	.12	2	2.62	.02	.09	<1	25
49091	<1	47	10	45	<.1	9	11	1227	1.69	17	<5	<2	<2	27	.2	2	<2	36	.29	.053	5	7	.12	84	.07	<2	1.29	.03	.05	1	5
49092	1	20	13	66	<.1	11	5	323	2.03	26	<5	<2	5	21	<.2	<2	<2	37	.17	.125	11	13	.15	95	.11	2	2.38	.02	.08	<1	7
49093	<1	25	9	79	.1	14	6	548	2.11	12	<5	<2	4	22	<.2	<2	<2	38	.18	.066	10	12	.18	137	.11	<2	1.93	.02	.07	<1	35
49094	1	53	10	107	.1	22	8	455	2.46	55	<5	<2	4	22	<.2	<2	<2	42	.20	.241	9	14	.20	134	.11	3	2.62	.02	.06	<1	16
49095	1	21	11	55	.1	12	5	241	2.20	18	<5	<2	4	30	<.2	3	<2	41	.24	.057	20	14	.20	111	.08	<2	1.71	.01	.07	<1	3
49096	<1	16	11	58	<.1	10	5	288	2.18	22	<5	<2	6	18	<.2	3	<2	40	.14	.128	10	13	.14	98	.11	<2	2.08	.02	.05	<1	3
49097	<1	14	8	71	<.1	9	5	608	1.76	70	<5	<2	3	24	<.2	<2	<2	32	.22	.069	9	11	.15	129	.09	<2	1.62	.01	.07	<1	8
49098	<1	19	5	47	<.1	11	5	375	1.79	35	<5	<2	4	24	<.2	<2	<2	35	.17	.033	12	13	.16	98	.10	<2	1.85	.02	.09	<1	2
49099	1	25	9	53	<.1	12	5	419	1.89	29	<5	<2	3	43	<.2	2	<2	30	.41	.063	19	10	.14	95	.11	2	2.33	.02	.09	<1	5
49100	1	15	11	40	<.1	10	5	337	1.68	12	<5	<2	3	27	<.2	3	<2	30	.26	.057	9	11	.12	100	.11	2	2.19	.02	.07	<1	3
STANDARD C/AU-S	19	59	37	125	6.7	74	31	1030	3.96	42	15	5	37	52	17.1	14	17	61	.51	.093	40	60	.91	182	.08	34	1.88	.06	.16	11	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 191 File # 94-3873
 1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rick Roe

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	
48401	6	281	<2	34	.3	28	102	313	12.94	<2	<5	<2	5	36	<2	8	<2	74	.34	.063	5	12	.75	24	.11	6	1.18	.05	.22	3	18
48402	3	64	<2	57	<.1	23	9	601	3.62	<2	<5	<2	<2	41	<2	3	<2	91	.69	.084	6	29	1.39	52	.15	3	1.82	.08	.35	<1	2
48403	2	149	2	28	.4	42	22	193	4.02	254	<5	<2	<2	49	<2	2	<2	27	.79	.079	4	14	.42	15	.09	<2	.90	.06	.04	<1	130
48404	2	212	<2	19	.3	10	9	94	1.66	51	<5	<2	<2	43	<2	<2	19	.74	.093	6	6	.11	24	.14	4	.56	.08	.09	1	7	
48405	2	134	3	16	.2	1	8	118	2.20	15	<5	<2	2	38	<2	2	<2	35	.74	.095	8	4	.35	18	.12	4	.98	.11	.08	<1	68
48406	2	227	<2	21	.3	15	7	215	4.49	8	<5	<2	2	46	<2	<2	41	.45	.055	5	34	.25	20	.13	3	.58	.04	.03	<1	12	
48407	1	26	3	68	<.1	17	15	675	4.88	<2	<5	<2	9	211	<2	<2	119	2.13	.180	56	55	2.38	91	.32	<2	2.21	.15	.13	<1	2	
48408	<1	8	<2	35	<.1	34	7	381	3.30	9	<5	<2	2	85	.3	6	<2	108	.81	.078	6	60	2.31	302	.20	5	3.30	.21	1.76	<1	7
48409	158	115	<2	33	<.1	23	6	254	3.20	7	<5	<2	3	31	<2	<2	146	.31	.068	11	58	.97	40	.13	<2	1.26	.03	.18	<1	140	
48410	18	40	2	19	<.1	14	2	270	2.26	<2	<5	<2	3	13	<2	2	<2	46	.12	.017	6	35	.80	33	.09	<2	.83	.01	.09	2	8
48411	7	111	<2	16	.2	3	7	104	2.72	21	<5	<2	2	43	<2	2	<2	38	.73	.090	4	5	.68	48	.08	5	1.74	.16	.44	1	340
48412	3	101	<2	22	<.1	15	4	182	4.55	2	<5	<2	2	62	.2	3	<2	74	.80	.114	6	4	1.34	42	.13	2	2.35	.19	.12	<1	6
48413	43	92	<2	45	.1	6	5	274	3.73	<2	<5	<2	3	40	.8	3	<2	63	.53	.081	3	8	1.12	35	.10	5	1.65	.09	.11	1	45
48414	2	139	<2	21	<.1	11	15	147	3.04	2	<5	<2	<2	83	<2	2	<2	51	1.01	.075	4	11	.67	29	.14	2	1.71	.19	.05	<1	3
48415	2	244	<2	18	.2	8	10	421	4.95	<2	<5	<2	2	31	.2	<2	<2	42	.78	.068	4	17	.45	15	.12	4	.86	.05	.03	<1	9
48416	5	38	3	59	.2	26	4	292	1.54	<2	<5	<2	2	325	1.3	<2	<2	17	16.28	.058	3	11	.51	13	.05	<2	.52	.01	.01	<1	1
48417	2	60	<2	12	.2	24	6	69	1.53	4	<5	<2	<2	46	.3	<2	<2	29	.63	.051	5	27	.12	22	.16	<2	.37	.04	.05	1	1
48418	1	83	<2	4	<.1	11	3	61	1.84	<2	<5	<2	2	36	.3	2	<2	49	.37	.043	5	43	.20	18	.23	<2	.56	.05	.14	<1	1
48419	3	177	<2	16	.5	42	12	73	5.35	2	<5	<2	<2	45	.5	<2	<2	29	.80	.040	6	23	.21	11	.20	2	.70	.07	.04	<1	18
48420	1	70	<2	41	.1	49	10	390	4.61	91	<5	<2	3	25	.3	3	<2	111	.37	.057	9	72	1.12	22	.23	<2	1.53	.06	.07	1	10
48421	1	46	4	22	<.1	6	8	279	3.11	<2	<5	<2	<2	70	.5	3	<2	56	.77	.080	3	8	.99	169	.12	2	1.79	.09	.08	1	4
48422	2	140	<2	9	<.1	27	6	123	2.93	3	<5	<2	<2	38	.5	<2	<2	35	.73	.035	5	24	.55	26	.22	<2	1.35	.05	.06	<1	3
48423	3	46	<2	26	<.1	4	7	577	3.09	12	<5	<2	<2	27	.4	<2	<2	56	1.35	.065	4	7	1.27	37	.08	2	2.03	.03	.07	2	290
RE 48423	3	45	2	26	.1	6	6	578	3.05	15	<5	<2	<2	26	.5	<2	<2	55	1.34	.065	4	6	1.27	34	.08	2	2.00	.02	.07	3	210
48424	6	80	2	20	.1	10	5	290	2.07	<2	<5	<2	<2	67	.2	2	<2	37	.92	.088	7	13	.45	37	.13	2	1.21	.13	.04	1	7
48425	12	1188	33	27	10.1	25	8	143	2.47	9	<5	<2	<2	5	.6	2	116	11	.11	.016	2	16	.28	41	.01	<2	.41	<.01	.08	3	14
48426	1	359	4	124	1.0	21	124	273	12.08	10	<5	<2	4	31	2.8	<2	<2	18	.66	.043	4	4	.30	11	.07	2	.85	.04	.12	7	56
48427	2	2795	3	831	8.8	9	3	84	6.46	4834	<5	5	2	3	23.7	5	8	9	.07	.019	3	8	.11	20	.01	3	.42	<.01	.16	<1	4840
48428	9	98	3	24	.1	5	5	328	3.97	63	<5	<2	3	75	.9	<2	<2	70	1.13	.104	10	5	1.36	53	.11	<2	2.55	.20	.12	1	70
48429	5	160	5	21	.9	7	66	92	9.37	5837	<5	6	3	10	1.0	6	<2	14	.17	.044	2	4	.34	20	.04	7	.82	.03	.20	4	9130
48755	2	104	3	16	.3	40	11	166	3.05	71	<5	<2	<2	27	.2	<2	<2	34	.67	.063	4	25	.28	26	.17	<2	.59	.06	.05	<1	210
48928	2	888	9	4760	13.1	35	120	235	13.40	99999	<5	30	5	24	122.2	67	6	37	.32	.052	5	27	.74	22	.03	6	.87	.02	.33	<1	38700
48929	2	251	<2	58	.8	11	6	342	4.06	904	<5	<2	<2	82	1.4	5	<2	50	1.05	.095	5	15	.23	24	.15	6	1.11	.09	.09	1	550
48940	<1	96	<2	136	3.6	15	181	833	10.15	62931	<5	12	2	95	2.5	45	5	129	.68	.087	<2	15	2.36	24	.06	5	3.23	.12	.17	3	13290
48941	1	246	7	83	.6	30	15	606	6.63	1493	<5	<2	2	24	1.6	9	<2	54	.73	.088	9	31	.79	11	.11	6	1.33	.03	.09	<1	670
STANDARD C/AU-R	19	58	38	125	6.9	75	32	1047	3.96	43	18	6	37	.52	18.3	14	24	61	.49	.091	40	58	.92	182	.08	34	1.88	.06	.15	13	460

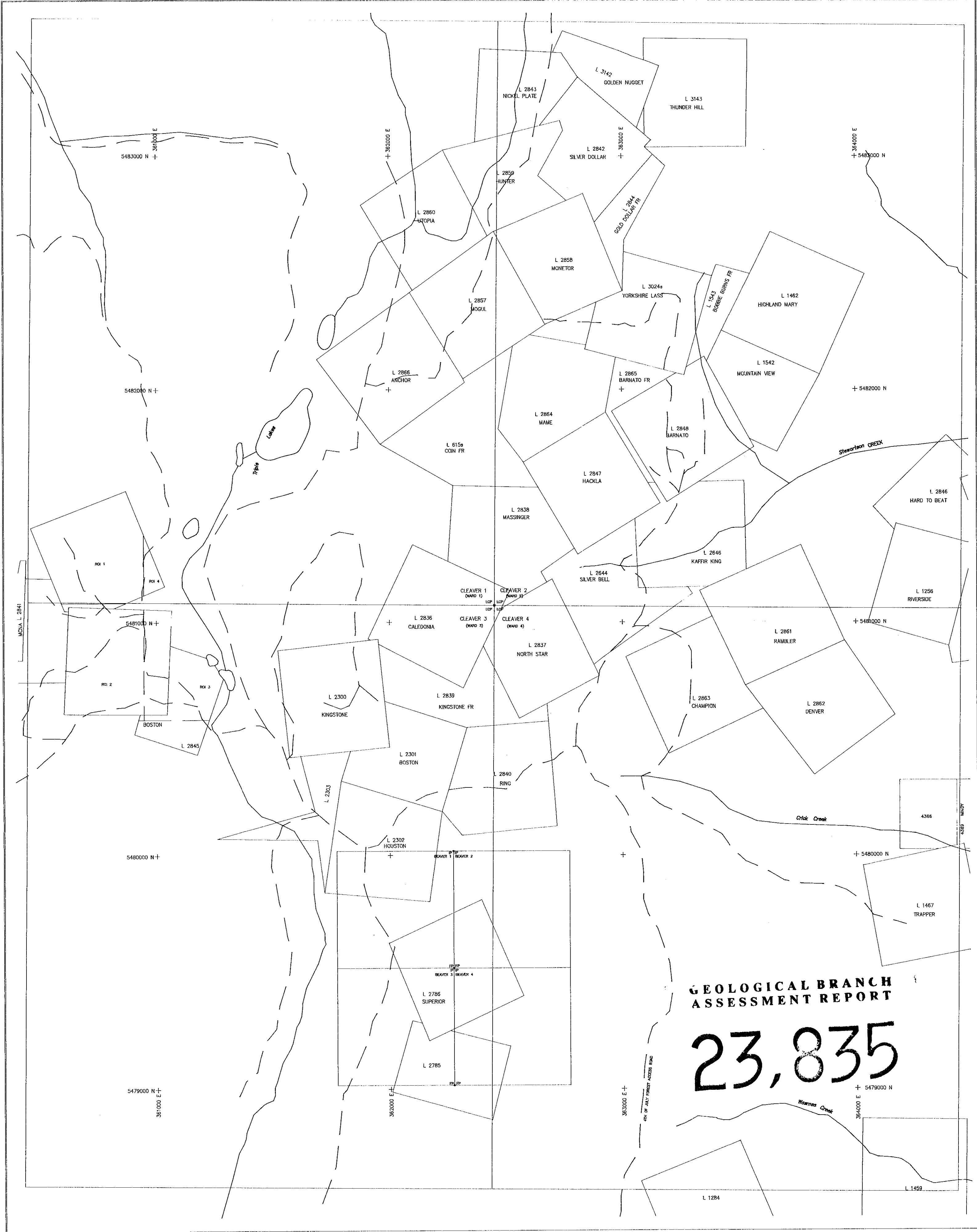
ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000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

DATE RECEIVED: OCT 26 1994 DATE REPORT MAILED: Nov 1/94. SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
48488	5	8	11	22	.2	5	3	58	1.05	5	12	<2	<2	16	<.2	<2	<2	21	.10	.017	7	7	.07	72	.10	<2	1.38	.01	.02	2	<1
48489	6	24	13	79	.2	13	5	111	2.42	<2	7	<2	6	28	<.2	<2	<2	40	.22	.093	15	14	.13	174	.16	<2	3.84	.02	.05	3	<1
RE 48491	1	16	13	48	.1	11	5	343	2.21	3	<5	<2	8	15	<.2	<2	<2	43	.14	.045	20	13	.17	85	.13	3	1.71	.01	.04	1	<1
48490	3	19	13	56	.1	8	4	389	1.70	4	<5	<2	3	12	<.2	<2	<2	32	.09	.093	14	12	.10	78	.12	<2	2.13	.02	.03	2	<1
48491	1	16	15	49	.1	10	5	351	2.19	4	<5	<2	8	15	<.2	<2	<2	43	.14	.046	22	14	.17	87	.13	3	1.76	.01	.04	2	<1
48492	1	17	11	60	.1	10	5	486	1.97	3	<5	<2	5	15	.2	<2	<2	37	.13	.055	14	11	.17	94	.13	2	2.11	.01	.06	2	<1
48493	3	17	16	54	<.1	10	4	408	1.74	<2	7	<2	3	29	<.2	<2	<2	32	.25	.031	16	11	.13	129	.13	<2	2.26	.02	.05	2	<1
48494	1	21	14	31	.1	10	5	249	2.05	4	<5	<2	5	20	<.2	<2	<2	39	.19	.072	18	13	.15	112	.15	2	3.22	.02	.04	2	2
48495	1	23	12	44	.1	10	4	248	1.98	2	10	<2	6	21	<.2	<2	<2	35	.19	.122	21	11	.15	96	.14	2	2.85	.02	.05	<1	<1
STANDARD C/AU-S	20	64	39	129	7.4	75	31	1049	3.96	42	18	6	36	53	17.0	13	17	62	.49	.090	40	59	.93	177	.09	33	1.88	.07	.15	13	49

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,835

SYMBOLS

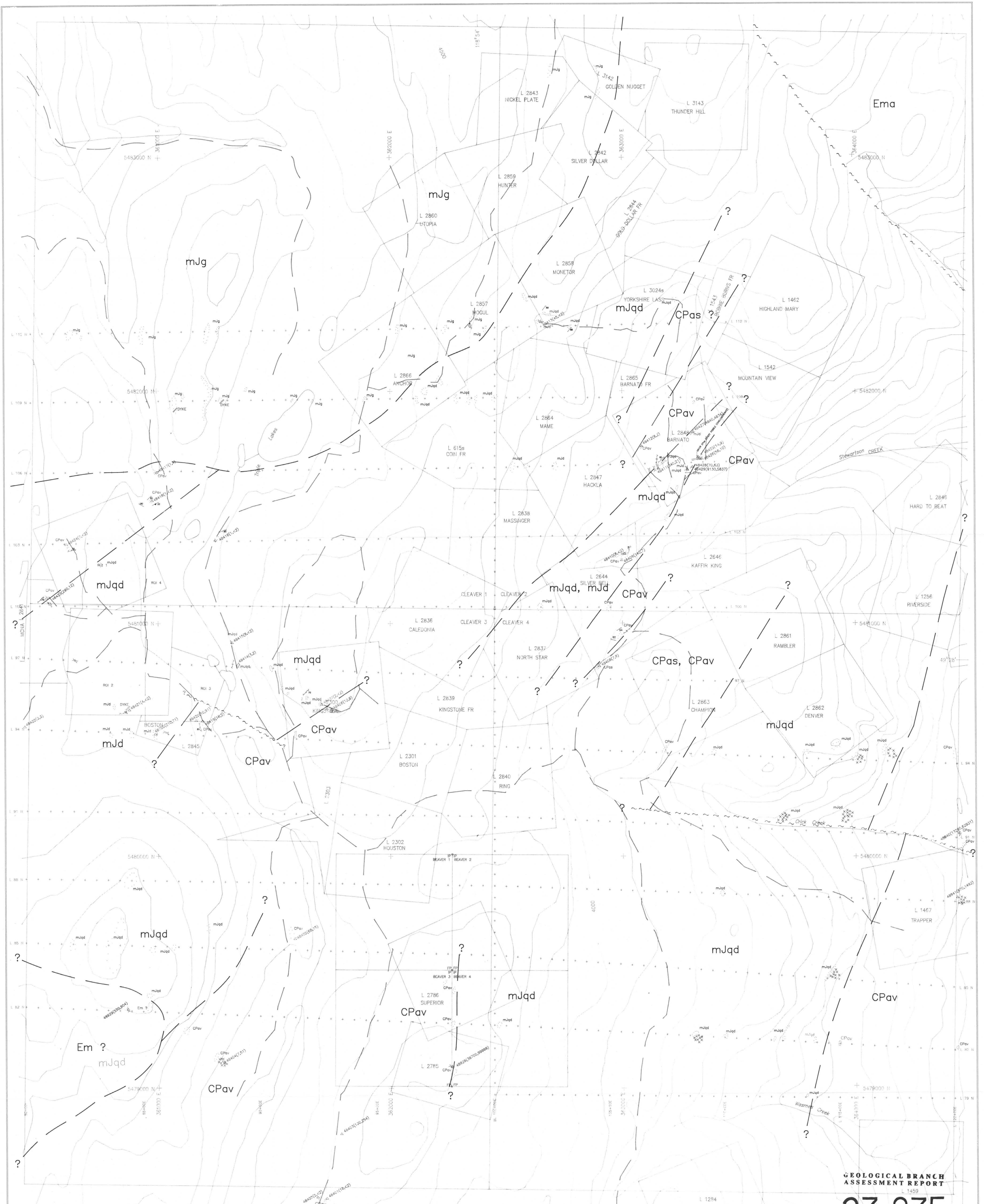
- ROADS
- CREEKS, LAKES
- CLAIMS
- CLAIMS
- UTM COORDINATES

LEGEND

- GROUND HELD BY PHELPS DODGE
- PRE-EXISTING CLAIMS IN GOOD STANDING



PHELPS DODGE CORP. OF CANADA LTD.				
PROJECT NO. 191				
CLAIM MAP				
SCALE	DATE	BY	NTS. NO.	FIGURE
1:10000	DEC/94		82E/7	2
<small>CHRYSLER GEOLOGICAL CONSULTANTS LIMITED</small>				



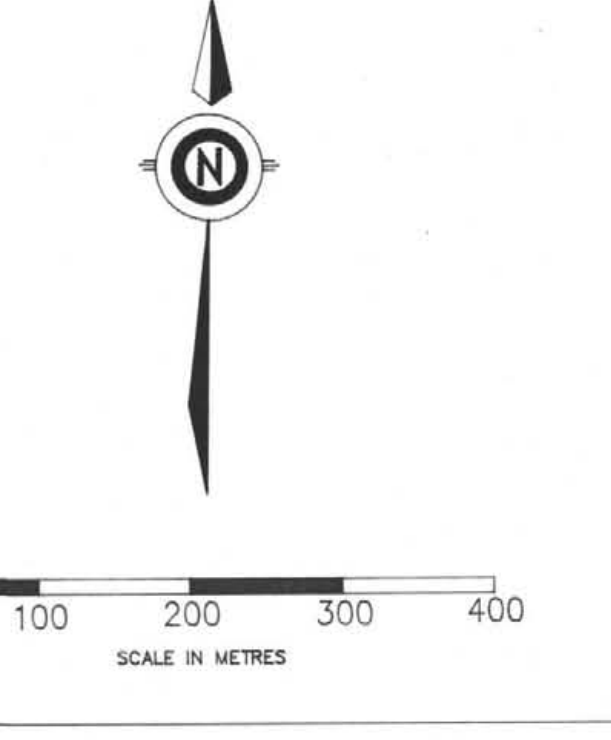
GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,835

- SYMBOLS**
- ROADS
 - ELEVATION CONTOURS (FEET)
 - CREEKS, LAKES
 - CLAIMS
 - UTM COORDINATES
 - OUTCROP
 - TALUS
 - FRACTURE (INCLINED, VERTICAL)
 - JOINT (INCLINED, VERTICAL)
 - TRENCH
 - ADIT
 - FAULT
 - GLACIAL STRIAE (DIRECTION OF ICE MOVEMENT KNOWN)
 - ROCK SAMPLE LOCATION AND NUMBER AND AS GEOCHEMICAL RESULTS
 - GEOLOGICAL CONTACT (APPROXIMATE)

- LEGEND**
- CENOZOIC MARRON GROUP**
UNDIFFERENTIATED ANDESITE, DACITE WITH MINOR EPICLASTIC ROCKS
- Em**
Em
Em
- DYKE**
Dyke
- MIDDLE JURASSIC NELSON PLUTONIC ROCKS**
MASSIVE, MEDIUM TO COARSE GRAINED EQUIGRANULAR GRANITE OR GRANODIORITE
- mJg**
mJg
- MASSIVE, FINE TO COARSE GRAINED QUARTZ DIORITE, LOCALLY WEAK CHLORITE-/EPIDOTE ALTERATION**
mJqd
- DIORITE, FINE TO MEDIUM GRAINED WITH WEAK CHLORITE ALTERATION**
mJd

- CARBONIFEROUS OR OLDER ANARCHIST GROUP**
- CPas**
CPas
- OLIVE GREEN CHERT, MANG TUFF AND CHERT PEBBLE CONGLOMERATE**
CPav
- GREY, GREEN FINE GRAINED SILICEOUS ANDESITE, LOCALLY HORNBLENDE-/BITTITE PRESENT AT CONTACTS WITH INTRUSIVES, LOCALLY MINOR METAFLOW SEGMENTS**
CPav

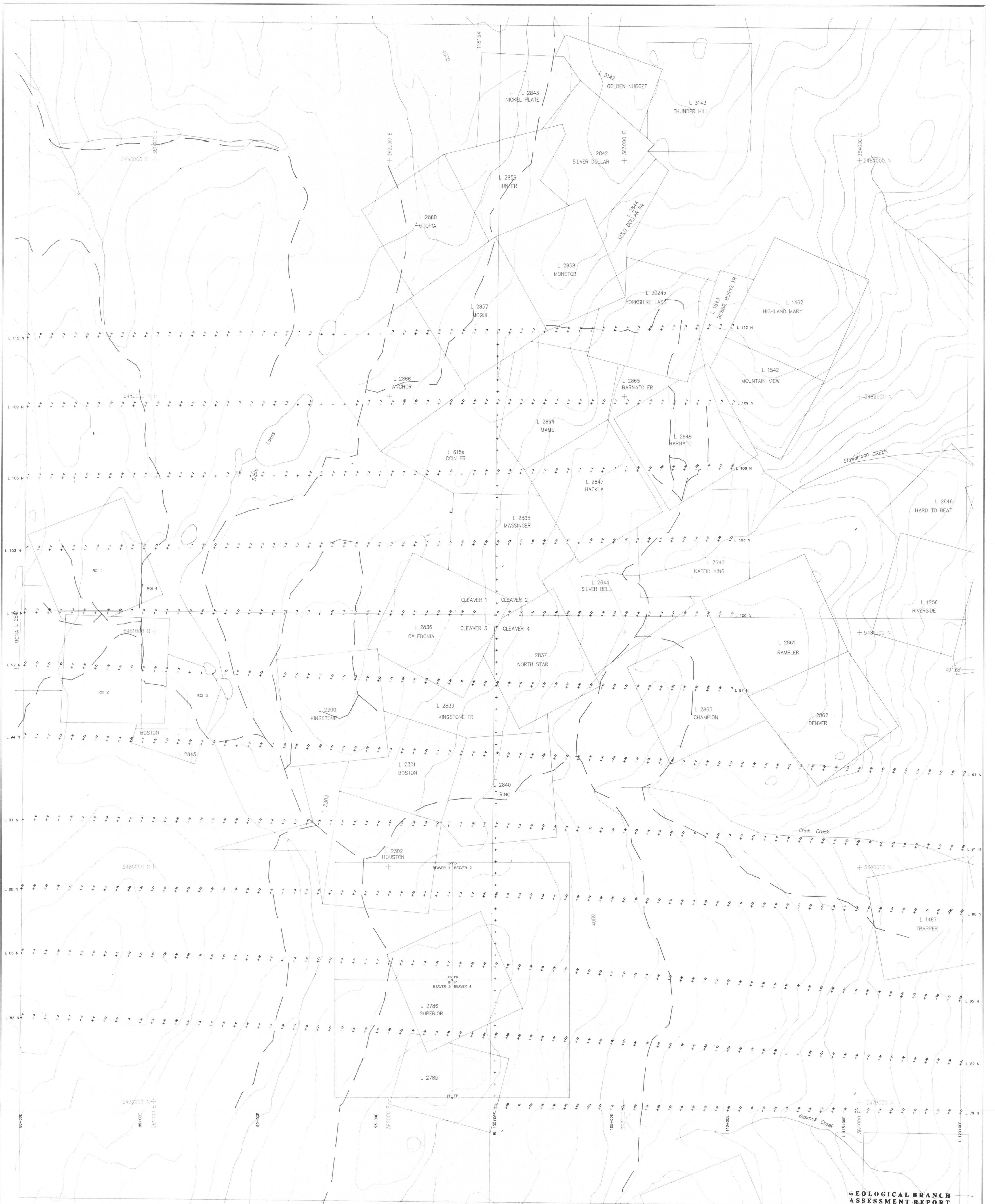


PHELPS DODGE CORP. OF CANADA LTD.
PROJECT NO. 191

PROPERTY GEOLOGY

SCALE	DATE	BY	NTS. NO.	FIGURE
1:5000	DEC/94		82E/7	4

GEOLOGICAL CONSULTANTS LIMITED



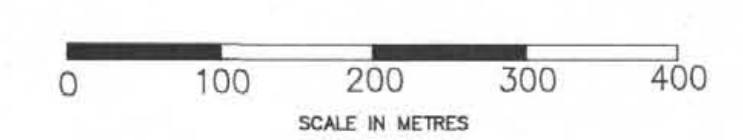
GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,835

- SYMBOLS**
- ROADS
 - ELEVATION CONTOURS (FEET)
 - CREEKS, LAKES
 - CLAIMS
 - UTM COORDINATES

LEGEND

- DENOTES NO SAMPLE
- SOIL GEOCHEMICAL VALUE
- SOIL SAMPLE SITE
- GRID LINE COORDINATE
- SOIL GEOCHEMICAL VALUE CONTOUR AND CONTOUR INTERVAL



PHELPS DODGE CORP. OF CANADA LTD.				
PROJECT NO. 191				
SOIL GEOCHEMICAL RESULTS ARSENIC ppm				
SCALE	DATE	BY	NTS. NO.	FIGURE
1:5000	DEC/94		82E/7	6

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