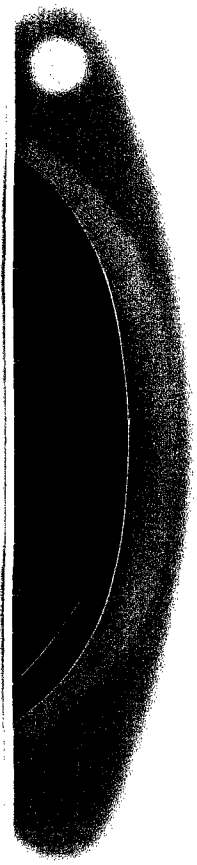
YEIP
04-045
2004



GEOPHYSICAL / GEOCHEMICAL

REPORT

YMIP 04 - 045

MAHTIN 1-34 and 37-120 CLAIMS

GRANT# YC23544-YC23558

GRANT# YC28827-YC28845

GRANT# YC30423-YC30506

NTS # 115P / 15

LAT: 63°55 N
LONG: 136°50 W

DAWSON MINING DIVISION

AUTHOR OF REPORT SHAWN RYAN

WORK PERFORMED AUGUST 6-15, 2004

DATE OF REPORT JANUARY 25, 2005

TABLE OF CONTENT

MAHTIN PROJECT

MAHTIN PROJECT

1.0 SUMMARY

The Mahtin claims has seen a second year of exploration work with a crew of seven mobilizing to the Mahtin claim block in early August. The crew put in 61.2 kilometers of grid at line spacing of 100 meters and station spacing of 25 meter. A magnetic survey was conducted across the entire grid. A soil survey collected 346 soils which detailed a gold anomaly with associated copper, arsenic, bismuth and stibnite running 900 meter by 150 meters. Hand trenching un-earth large tabular sub-crop float but no outcrop was found. A grab sample of the tabular float ran up to 2.4 g/t Au.

2.0 INTRODUCTION

The Mahtin 1-36 claims where staked in 2003 and 39-120 where added on in 2004. An exploration program was conducted in early September of 2003 and August of 2004. The 2004 work detailed a gold, arsenic, bismuth, antimony and copper soil anomaly has being outlined in two areas one is 700 meters by 200 meters and the second is 300 meters by 100 meters.

3.0 ACCESS

The Mahtin target is accessible by helicopter from Dawson City or Mayo. There also a road located within 5 miles of the Property. The road has being upgrade for the Red Mountain project. The road begins off the Klondike highway at the Clear creek turnoff and head northeast for over 50 miles to the Red Mountain Project. We may use this route to for a closer staging area to shuttle camp and personnel equipment in.

4.0 GEOLOGY (excerpt from Aurum Assessment Report 092793)

4.1 Regional Geology

The East Ridge area is situated within the McQuesten mineral belt (Aho, 1963) and is located on the northern limb of the east trending McQuesten anticline. The Mahtin property straddles the contact between the Yukon Group (unit Hqp) to the south and the Road River Group (unit OSDr) to the north (Figure 3). The metamorphosed and deformed Hadrynian Yukon Group is comprised predominantly of gritty quartzite, argillite, shale, and phyllite while the Ordovician, Silurian and Lower Devonian Road River Group is comprised of black graptolitic shale, chert, limestone, slate phyllite and quartzite (Bostock, 1964; Gabrielse et al. 1977). The sedimentary units are intruded by Cretaceous granitoid plugs, stocks, sills and dykes (unit Kqm) during a period of plutonism and deformation.

The McQuesten mineral belt is 30-50 kilometers wide and extends from Clear Creek in the west to Mayo area in the East (Emond 1986). It consists of a major transverse zone of ENE trending folds, Cretaceous felsic intrusions and related mineralization. The continuity of the McQuesten anticline throughout most of the McQuesten mineral belt, similarities in rock type, structure, and mineralization have led to the conclusion that the area is one metallogenic district. Intrusion of felsic stocks parallel to the fold axes indicates spatially and probably temporally related fault controlled mineralization (Emond, 1986). Mineralization consists of; tin-tungsten and gold, silver-lead-zinc veins, and silver-lead-antimony veins. Mineralization associated with felsic stocks has been found at Clear Creek (Robinson and Doherty, 1988), Arizona Creek, Boulder Creek, Haggart Creek, Highet Creek, Sunshine Creek, Scheelite Dome and Mayo Lake Creek (Aho, 1963; Emond, 1986).

4.2 Geology of the Mahtin 1-120 Claims

The most common sedimentary lithologies on the property are Ordovician-Silurian-Devonian Road River Group rocks. These rocks dip north to northwesterly and young to the north grading from shallow water siltstones, chert and limestone to a deeper water sequence composed primarily of argillite and calcarenite. Hadrynian psammitic rocks of the Yukon Group are found in the southeastern corner of the property, having been thrust northwards over the younger rocks (Paul, 1981).

This combined sedimentary package has been intruded by a large body of Cretaceous biotite quartz monzonite and a dyke swarm that trends east-west and ranges in composition from monzonite to syenite (usually porphyritic). Local crackle breccias are found adjacent to the porphyry dykes and in the periphery of the quartz monzonite intrusive body.

Paul and Rota (1981) inferred northwest trending faults in Horseshoe and Bolivia Creeks. These faults are at right angles to the thrust fault and presumably related to it. A large number of porphyry dykes parallel the thrust fault contact and the quartz monzonite intrusive body may have intruded along it suggesting a structural weakness (Paul, 1981).

A topographic linear visible on LANDSAT imagery crosses the upper reaches of Bolivia Creek and is thought to represent an ENE trending fault or fault zone. This fault would parallel the Road River Group - Yukon Group contact and continue to the ENE in pronounced depressions where mineralized float has been found.

5.0 WORK PERFORMED / METHODS

5.1 GRID WORK

A total of 61.2 kilometer of grid was established. The grid was established using Garmin 76 GPS. The grid base line ran east west and line ran north south. Line where put in every 100 meters and station on line where established every 25 meters.

The 2004 grid location extended the 2003 grid to the North by 700 meters and to the west by 1600 meters. The 2004 grid covered part of a dike swarm running threw the Rabbit Kettle Formation calcareous unit.

5.2 MAGNETIC SURVEY

A magnetic survey was conducted over the entire grid. Reading where taken every 12.5-meter. Two Scintrex, Envi-Mag where used to conducted the survey. One as a portable field mag the second as a base station magnetometer. The daily magnetic drift was corrected nightly.

5.3 SOIL WORK

Soil work was conducted over the Spraque creek stock contact with the Rabbit Kettle Formation. A total of 346 soil where taken. Soil where collected with shovel. Due to the heavy down slope scree of granite the soil auger had a hard time penetrating the cover. So shovel where used and manage to attain deeper soil profile. The average soil depth was 70-80 cm. Some sample where pass bye because of excessive black muck. About 350-450 grams of soil was collected at each site. All soil sample where place in Kraft paper soil bags. A GPS reading was taken at each soil site and recorded in UTM Nad 83.

5.4 TRENCHING WORK

A total of four days where spent blast hand trenching on massive pyrrhotite copper float that was coming from a magnetic high anomaly. The source of the float was not found but very large angular sub float was found. The trench turn into a large hole measuring 20 feet long by 10 feet wide and about 8 feet down. I was sure we where going to find the source of outcrop but no luck.

6.0 INTERPRETATION

6.1 MAGNETIC SURVEY

The 2004 magnetic survey combined with the 2003 survey revealed five magnetic high areas. The magnetic anomalies are marked out figure 1.

Anomaly A is seen covering the 2003 survey area. The magnetic high is probably related to the dike swarm mapped out on CCH geology map.

Anomaly B, a magnetic high is covering part of a granite body mapped out on CCH geology map. The magnetic high may represent the hornfels area at depth that surrounds most of the granitic intrusive in the area.

Anomaly C, a magnetic high associated with lamprophyre dikes that CCH mapped out.

Anomaly D, a magnetic high 1100 meters by 500 meters associated with the mapped out dike swarm.

Anomaly E, a magnetic high is associated with a mapped intrusive dike.

6.2 SOIL SURVEY

The 2004 soil survey detail the 2003 soil survey. The 2004 survey indicated two soil anomalies that are anomalous in gold, As, Bi, Sb, Cu.

Anomaly A the larger of the two is lying between L 500 East and L 1200 East, and sitting between station 400 N and station 600 N.

Anomaly A is related to a magnetic low that follows the margins of the Spraque Creek granite contact for about 1000 meters. The anomaly begins on line 500 east at station 000 and follow the margin of the stock with line 500 east and 600 east being anomalous for gold, arsenic, bismuth, copper and antimony. The anomaly runs from station 000 to 550 north at this point it swings east following the granite contact averaging 200 meter wide all the way to line 1200 east. This anomaly is still open to the south with the south skarn showing being found

Anomaly B is lying between line 1400 East and 1500 East around 625-725 north. The anomaly is anomalous in gold, arsenic, bismuth, copper and antimony. Anomaly B may extend to L 1600 and 1700 east if I use the 1989 data from Aurum Geological.

Values from the 2004 survey have reach highs of 1344 ppb Au, 10,000+ ppm As, 745 ppm Cu, 2000 + ppm Sb, and 210 ppm Bi.

6.3 HAND TRENCHING

The Hand trenching was inconclusive because we failed to reach bedrock but the large angular subcrop piece of float 3 feet by 1.5 feet of pyrrhotite cal silicate rock containing visible copper and arsenopyrite ran 2.4 g/t Au.

The location of the subcrop cannot be far and is most likely is the source of the magnetic anomaly.

7.0 RECOMMENDATION

I feel the property is ready for either a large trenching program or a drill program. If drilling should happen then I would suggest drilling Soil Anomaly A to begin with.

8.0 REFERENCE

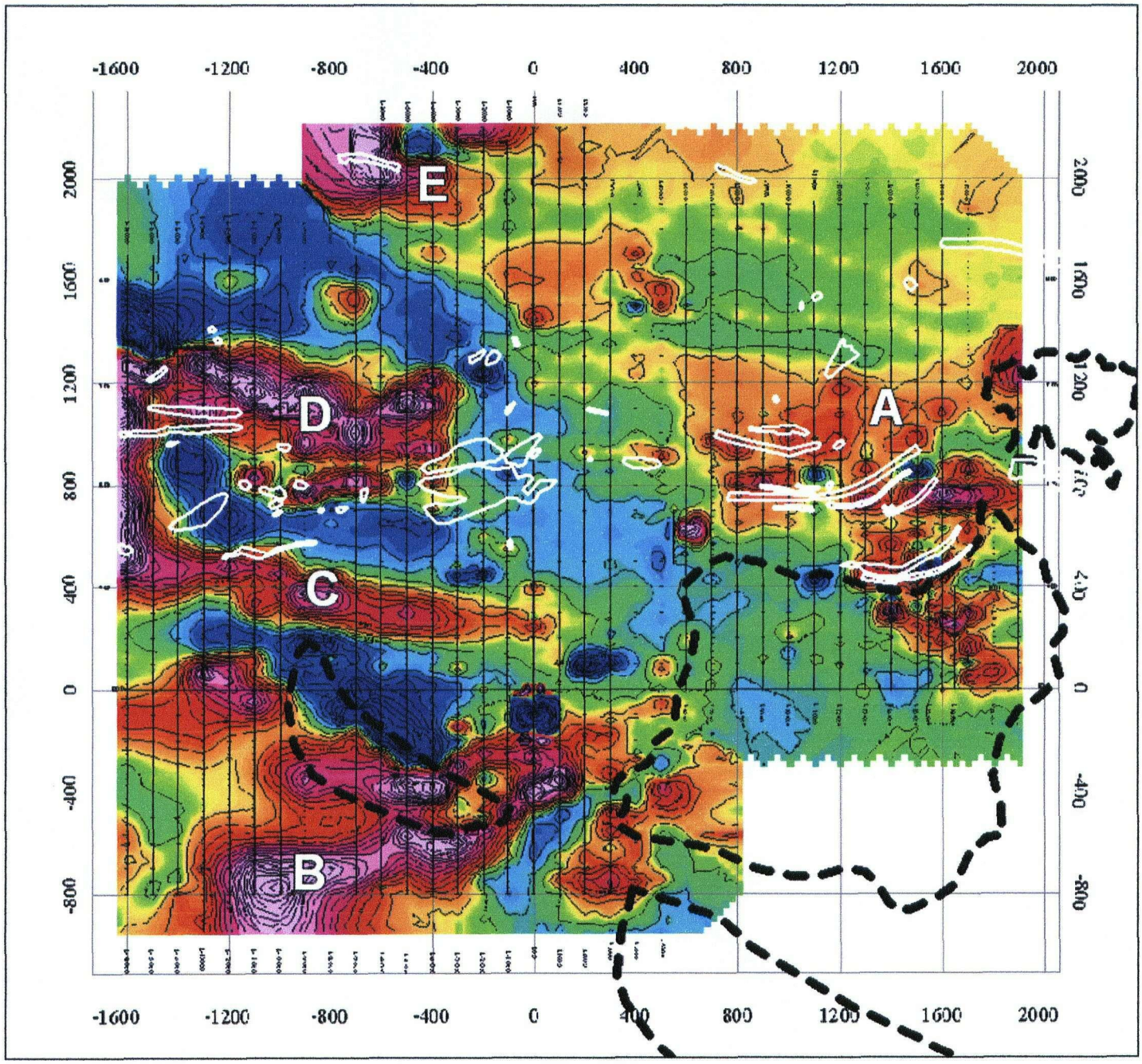
Murphy, D.C. Bulletin 6, Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Area, Yukon Territory

Hulstein, R., Geological and Geochemical Assessment Report on the Mahtin 1-20 Claims (1989), Assessment Report number # 092793

Lueck, B.A. and Phillip, Dw., Prospecting and Geochemical Assessment Report for the Ho Claims Group Ho 1-38 (1993)

Paul, B., and Rota, D., CCH Minerals Ltd. Assessment Report Geochemical Survey, Mahtin Claims 25-32 (1981) Assessment report # 090956

Mahtin Magnetic Survey 2004



Black Dash Lines are out lines of Granites
White Lines are out lines of Granite Dikes

Figure 1

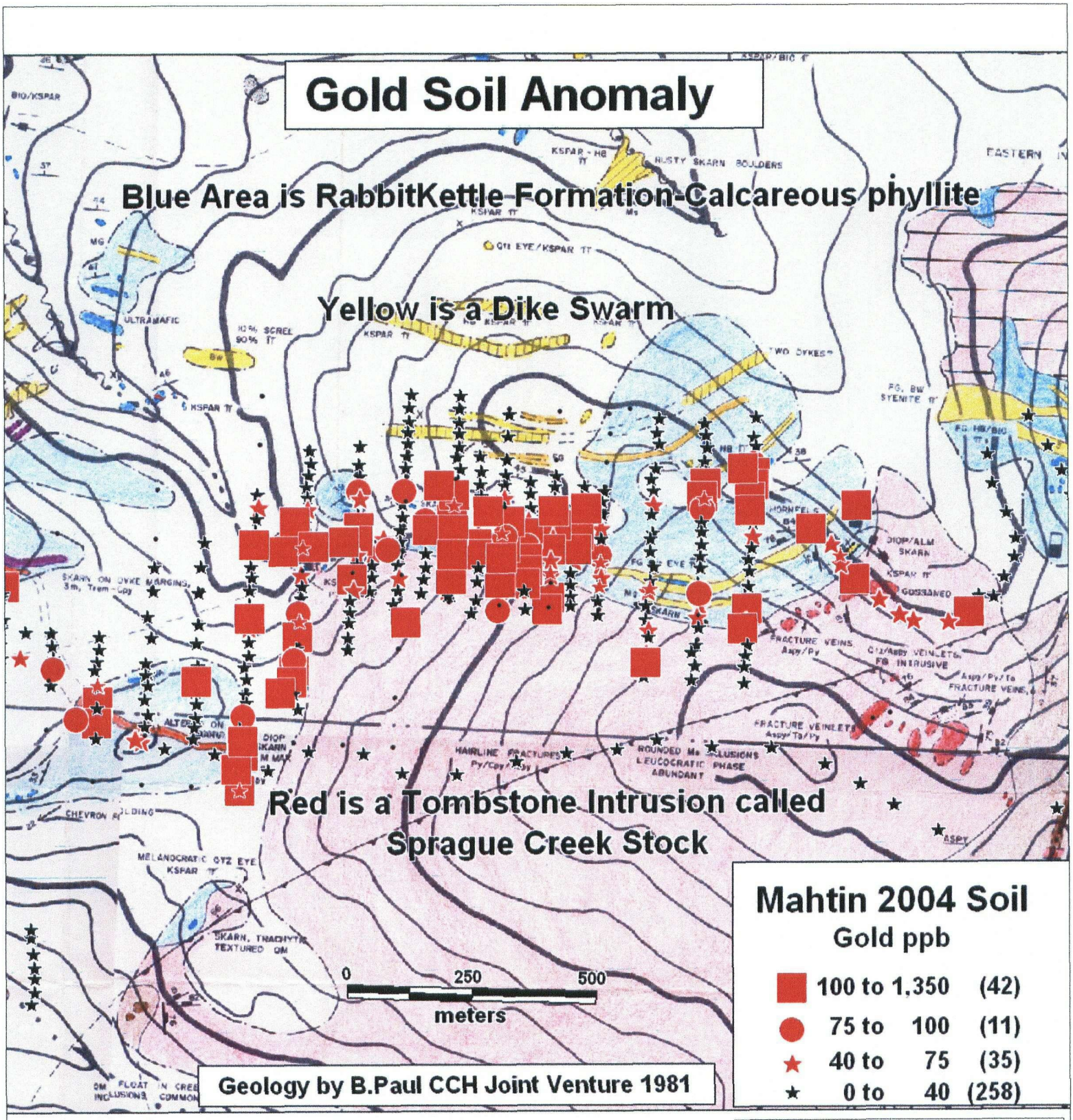
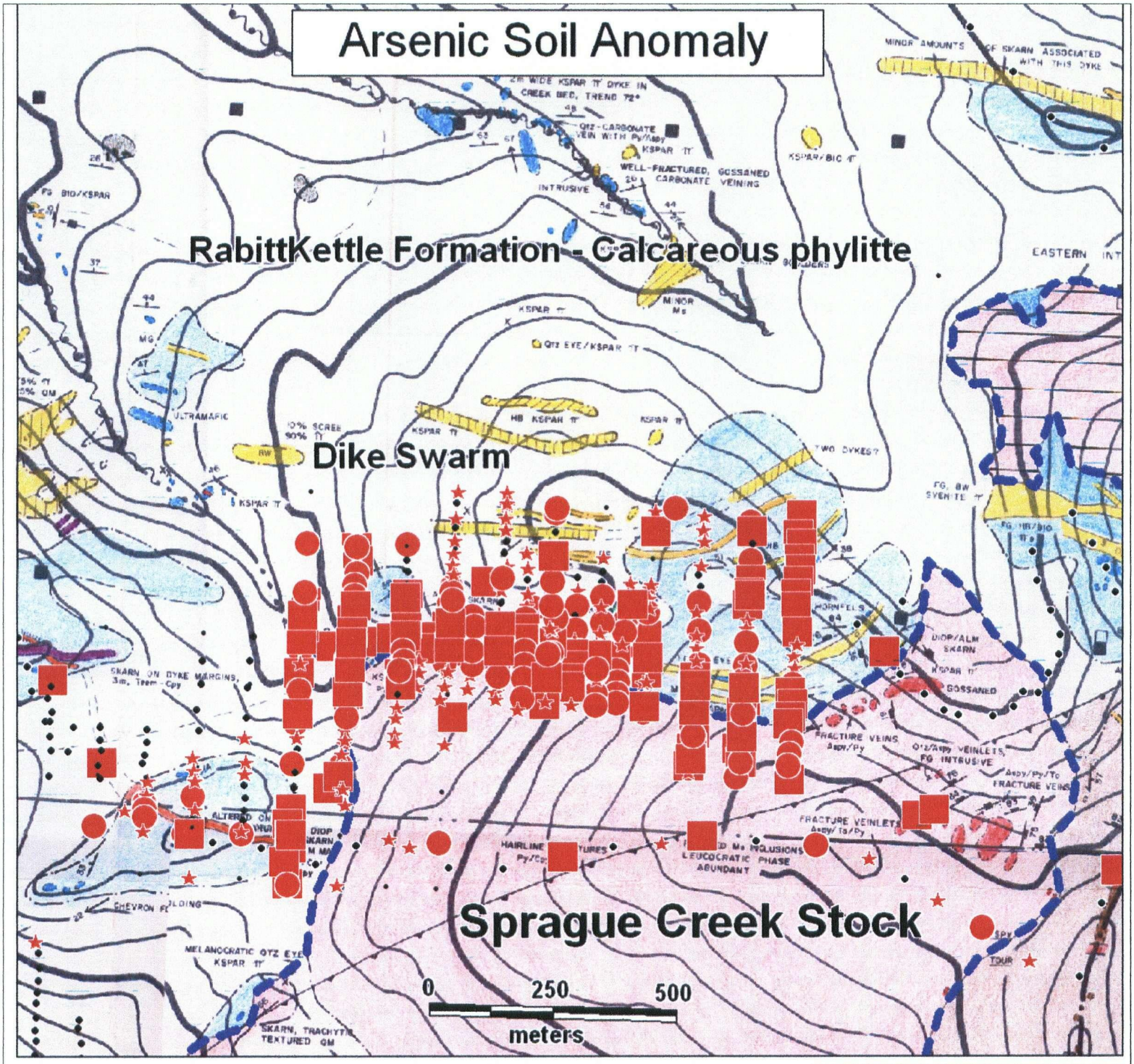

Gold Soil Anomaly
Blue Area is RabbitKettle Formation-Calcareous phyllite
Yellow is a Dike Swarm
Red is a Tombstone Intrusion called
Sprague Creek Stock
Mahtin 2004 Soil
Gold ppb
100 to 1,350 (42)
75 to 100 (11)
40 to 75 (35)
0 to 40 (258)
0
250
500
meters
Geology by B.Paul CCH Joint Venture 1981

Figure 2



NTS 115 P / 15

Mahtin Claims

Geology Map by B.Paul CCH Joint Venture 1981

Red Unit - Sprague Creek Stock, Tombstone Intrusive

Yellow Unit - Felsic Dikes

Blue Unit - Rabbitketlle Formation - Calcareous phylitte

Mahtin 04-03 Soil
Arsenic ppm

- 500 to 10,000
- 250 to 500
- 100 to 250
- 20 to 100

FIGURE 3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
MT1500E-650N	2.4	354.8	20.3	90	5.1	46.0	19.2	681	5.44	3497.6	2.5	262.8	4.8	89	.8	402.8	29.0	51	.90	.101	22	31.6	.81	244	.044	7	2.04	.035	.14	.4	.08	5.3	.5	.20	7	2.1
MT1500E-625N	2.7	310.8	22.2	92	3.1	55.6	21.9	801	4.61	2832.6	2.8	198.2	5.0	85	.6	264.1	15.9	51	1.16	.109	21	33.6	.89	192	.049	6	2.24	.042	.14	.2	.10	5.8	.4	.14	7	2.2
MT1500E-600N	.5	55.1	13.1	53	.3	22.3	11.8	376	1.92	190.2	1.3	9.9	4.6	62	.5	6.2	5.7	32	1.30	.078	19	20.6	.53	180	.050	6	1.61	.055	.06	.7	.02	2.6	.1	<.05	5	.9
MT1500E-575N	.6	108.1	19.1	61	.5	28.1	18.0	457	3.13	1372.6	1.6	58.2	5.2	82	.5	8.3	30.2	38	1.63	.085	24	20.5	.50	290	.042	11	2.12	.097	.06	.7	.06	2.8	.1	<.05	6	1.5
MT1500E-550N	.5	37.5	19.2	54	.2	19.3	8.6	391	1.64	113.6	1.6	4.0	4.1	81	.5	9.5	1.9	26	1.67	.086	19	18.6	.37	165	.036	8	1.97	.094	.05	.7	.04	2.1	.1	<.05	5	.6
MT1500E-525N	.7	52.4	16.9	64	.3	26.1	11.1	386	2.18	227.1	2.4	4.1	5.5	63	.2	21.1	3.1	37	1.12	.080	27	23.5	.48	189	.043	6	1.82	.068	.06	1.0	.05	3.0	.1	<.05	5	.7
MT1500E-500N	.6	34.9	22.0	48	.3	16.7	6.8	383	1.72	111.8	1.7	7.5	4.1	59	.3	47.1	2.4	25	1.39	.075	23	15.8	.32	156	.014	8	1.65	.059	.04	.7	.05	2.4	.1	.08	4	.6
MT1500E-475N	.7	85.0	12.7	69	.5	21.1	8.1	340	2.29	256.6	1.2	14.5	3.2	30	.5	62.6	4.9	39	.51	.070	18	22.7	.43	181	.039	4	1.61	.023	.06	1.2	.04	2.4	.1	<.05	4	.8
MT1500E-450N	.8	249.6	20.7	81	1.0	26.6	13.7	570	3.28	1249.5	1.4	22.5	5.4	36	.8	164.8	11.8	33	.37	.056	20	21.6	.54	169	.039	2	1.47	.015	.06	.6	.05	3.1	.2	<.05	4	1.2
MT1500E-425N	.9	619.9	79.4	81	4.9	13.1	6.6	372	11.65	6160.5	2.2	102.8	8.2	28	1.4	1739.3	44.5	27	.25	.081	20	20.6	.37	147	.025	4	1.01	.007	.09	.8	.06	3.9	.3	.11	4	10.4
RE MT1500E-425N	.9	660.0	80.4	91	5.3	14.2	7.5	398	12.42	6544.4	2.6	103.3	9.1	30	1.5	1835.7	47.3	31	.27	.085	22	21.9	.37	161	.029	3	1.06	.008	.10	1.1	.06	4.4	.3	.10	4	11.3
MT1500E-400N	1.3	141.4	15.4	91	1.1	23.8	9.7	666	3.00	784.5	4.7	58.7	6.6	43	.5	93.1	13.0	47	.77	.080	28	32.7	.62	218	.057	3	1.71	.018	.08	2.9	.05	2.9	.3	.07	6	1.8
MT1500E-375N	1.1	336.3	37.2	98	13.6	14.9	8.3	735	12.76	>10000	2.6	509.1	8.4	87	.6	454.2	40.6	27	.71	.068	31	20.1	.23	184	.003	6	1.02	.008	.30	.3	.11	4.5	1.6	.96	6	6.3
MT1500E-350N	1.2	131.6	14.5	93	.5	21.9	10.6	470	2.63	439.7	7.1	21.7	8.0	38	.4	58.6	6.5	47	.40	.090	35	30.2	.66	191	.067	2	1.62	.009	.09	1.5	.06	3.3	.2	<.05	5	.5
MT1500E-325N	1.2	104.7	9.1	68	.4	19.7	11.6	402	2.49	397.6	4.6	28.5	8.6	25	.4	64.6	6.0	47	.25	.084	28	31.5	.50	180	.070	2	1.30	.008	.08	2.9	.04	2.7	.2	<.05	4	.5
MT1500E-300N	1.2	76.8	8.2	64	.3	20.2	8.9	422	2.30	274.6	4.1	12.2	9.1	19	.2	48.4	2.6	45	.25	.085	28	28.1	.47	150	.071	2	1.22	.008	.09	2.4	.04	2.6	.2	<.05	4	.6
MT1500E-275N	.5	578.3	18.3	66	.9	11.4	13.0	535	2.97	1775.4	14.6	32.9	29.4	85	.7	129.4	16.7	44	.99	.122	80	45.5	1.03	106	.017	1	2.86	.004	.30	.5	.03	7.2	.5	<.05	9	.5
STANDARD DS5	12.3	141.0	23.7	131	.3	24.6	11.8	762	2.96	17.1	5.9	42.0	2.7	45	5.1	3.5	6.0	59	.72	.088	12	182.6	.68	135	.098	19	2.02	.034	.14	5.0	.17	3.4	1.1	<.05	6	4.8

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
MT1300E-375N	1.1	75.6	9.5	75	.4	22.8	9.2	472	2.38	499.8	6.3	42.5	9.1	22	.4	31.4	5.2	51	.29	.085	35	29.0	.46	208	.065	1	1.37	.009	.10	2.7	.06	2.9	.2	<.05	5	.5
MT1300E-350N	1.3	94.8	10.3	72	.4	20.0	9.0	481	2.47	544.2	7.4	20.0	9.9	29	.3	27.6	5.5	52	.31	.089	35	30.2	.47	200	.068	1	1.35	.010	.10	6.5	.03	3.1	.2	<.05	5	.6
MT1300E-325N	.9	102.8	8.2	70	.3	21.4	9.1	386	2.25	583.6	5.6	40.5	7.9	23	.3	5.3	4.3	49	.31	.085	33	26.2	.44	187	.061	1	1.11	.009	.08	2.5	.04	2.9	.2	<.05	4	<.5
MT1300E-300N	1.1	98.1	9.6	72	.5	22.0	9.2	444	2.45	587.1	4.8	51.8	9.3	25	.3	5.9	11.6	52	.28	.083	29	30.2	.52	223	.071	1	1.44	.009	.10	3.2	.03	3.2	.3	<.05	5	<.5
MT1300E-275N	1.2	36.1	8.8	73	.2	21.9	9.0	473	2.27	168.7	5.6	14.7	10.5	19	.3	6.2	2.1	53	.27	.083	37	29.1	.47	295	.079	1	1.38	.009	.10	6.5	.06	3.8	.2	<.05	5	<.5
MT1400E-800N	.7	54.7	13.0	75	.2	26.9	17.2	642	3.05	470.1	1.7	23.6	5.7	110	.5	10.6	11.2	40	.88	.097	26	29.1	.75	266	.044	1	2.89	.029	.19	.8	.08	3.7	.2	<.05	8	.7
MT1400E-775N	.8	74.2	14.6	75	.2	33.2	21.0	455	3.91	1100.8	1.4	22.6	7.2	159	.3	12.9	4.0	45	.67	.073	24	31.9	.75	230	.047	1	3.16	.017	.16	.5	.04	4.1	.2	<.05	8	.7
MT1400E-750N	.3	16.8	15.4	32	.1	10.5	5.6	408	.94	14.6	.6	3.3	1.4	112	.3	.7	1.2	15	2.79	.081	15	13.8	.23	87	.018	5	1.77	.109	.02	.2	.05	.9	.1	.12	4	.5
MT1400E-725N	.8	26.9	15.4	57	.1	22.6	10.2	401	2.18	286.1	.9	5.9	3.6	70	.4	1.9	9.1	36	1.12	.053	18	23.9	.46	190	.032	2	2.11	.066	.05	.5	.04	2.5	.1	<.05	6	.6
MT1400E-700N	.9	19.4	13.5	59	.1	22.7	9.3	346	2.13	21.4	.9	15.9	2.5	35	.2	1.3	3.3	40	.73	.058	16	22.1	.36	194	.032	2	2.33	.025	.04	.3	.04	2.2	.1	.06	7	<.5
MT1400E-675N	.8	90.6	18.6	95	1.6	24.3	10.5	420	2.98	820.9	.9	127.1	5.5	47	.6	583.1	15.7	38	1.00	.078	22	24.3	.46	177	.034	4	1.44	.044	.09	.3	.07	5.3	.4	<.05	4	<.5
MT1400E-650N	.9	90.5	21.2	89	1.0	36.5	15.1	722	4.12	740.6	1.6	191.9	5.9	49	.7	>2000	4.9	42	.83	.078	31	27.2	.52	242	.028	4	1.50	.034	.10	<.1	.08	6.8	.5	<.05	5	.5
MT1400E-625N	1.3	95.6	12.7	71	.5	36.1	14.3	506	3.27	574.2	1.5	75.4	5.8	54	.3	286.6	3.9	46	.92	.086	26	25.1	.52	218	.030	3	1.46	.047	.08	.6	.07	5.4	.3	.06	5	<.5
MT1400E-600N	.7	53.8	15.6	65	.2	23.6	9.9	389	2.12	236.7	1.4	30.4	5.0	74	.4	15.0	3.7	37	1.40	.086	22	23.6	.45	191	.049	6	1.90	.099	.06	1.4	.05	2.7	.1	<.05	5	.5
MT1400E-575N	.6	36.9	16.6	56	.2	22.4	8.6	365	1.86	141.6	1.3	15.2	5.0	75	.3	6.1	1.8	30	1.41	.065	21	22.7	.43	158	.047	5	2.34	.115	.05	.7	.05	2.5	.1	.06	6	<.5
MT1400E-550N	.7	52.0	11.8	61	.4	25.0	10.7	611	2.64	405.4	1.3	34.9	5.7	68	.3	25.3	2.8	37	1.09	.086	22	23.3	.49	205	.044	6	1.74	.075	.06	1.0	.07	3.0	.1	<.05	5	.6
MT1400E-525N	.6	60.1	15.8	55	.3	17.2	7.4	558	1.35	149.2	1.7	9.2	3.4	93	.6	11.4	2.8	21	2.23	.116	20	15.0	.26	168	.022	7	2.12	.150	.04	.3	.07	1.7	.1	.09	5	.7
MT1400E-500N	.9	105.7	17.1	76	.6	23.2	8.9	442	2.29	287.0	2.0	15.4	3.4	56	.7	17.2	8.3	37	1.24	.079	23	22.2	.40	224	.032	4	1.85	.044	.06	.4	.09	2.6	.1	.08	5	.7
MT1400E-475N	.8	100.0	13.4	69	.4	16.9	7.5	469	2.16	281.7	1.0	16.3	1.2	20	.3	75.0	8.0	34	.35	.080	15	20.0	.36	160	.025	3	1.67	.015	.05	.6	.06	1.4	.1	.08	5	.6
MT1400E-450N	.9	336.8	40.3	98	2.7	19.2	7.8	602	3.01	1115.1	1.1	29.6	2.4	36	1.3	77.4	28.2	29	1.17	.094	16	19.1	.36	186	.022	6	1.45	.026	.06	.5	.07	2.3	.2	.11	4	1.4
RE MT1400E-450N	.9	332.3	39.3	97	2.6	18.7	7.6	591	2.90	1098.0	1.1	25.3	2.5	35	1.5	79.1	28.8	27	1.12	.092	16	18.5	.35	184	.021	4	1.40	.024	.06	.6	.06	2.1	.2	.10	4	1.2
MT1400E-425N	.5	227.6	20.2	102	1.6	17.5	6.9	370	2.58	1669.8	1.7	61.1	5.6	26	1.2	1051.5	13.1	29	.58	.070	21	20.6	.69	211	.027	4	1.15	.011	.06	.4	.06	2.7	.4	<.05	3	1.1
MT1400E-400N	1.0	193.3	19.8	105	1.1	21.2	8.5	360	2.72	522.8	2.7	40.7	4.0	35	1.2	73.4	15.7	40	.71	.087	24	24.5	.44	189	.039	6	1.44	.016	.06	1.7	.05	2.7	.2	<.05	5	1.1
MT1400E-375N	1.1	130.6	11.6	76	.5	21.5	9.7	458	2.50	415.3	3.4	20.9	4.7	32	.5	33.5	8.5	42	.41	.075	24	25.0	.41	222	.043	2	1.70	.016	.07	2.8	.08	2.4	.2	<.05	6	.7
MT1400E-350N	1.2	74.6	9.1	67	.3	19.2	8.4	371	2.31	364.3	5.5	18.2	7.2	19	.3	49.4	3.4	47	.24	.074	33	27.7	.45	137	.063	1	1.28	.008	.09	2.5	.03	2.9	.2	<.05	4	.5
MT1400E-325N	1.1	87.2	9.9	61	.4	19.2	8.1	345	2.26	500.8	5.4	15.9	8.2	16	.2	83.1	4.2	47	.22	.076	28	27.8	.44	135	.063	1	1.20	.009	.08	4.2	.04	2.8	.2	<.05	4	.6
MT1400E-300N	1.4	111.7	10.1	75	.4	22.7	10.3	442	2.59	638.3	7.1	36.9	9.8	20	.4	21.6	7.8	55	.28	.093	34	31.8	.52	179	.083	1	1.36	.010	.11	4.3	.04	3.3	.3	<.05	5	<.5
MT1400E-275N	1.3	96.5	9.2	69	.5	21.1	9.4	475	2.29	472.4	4.8	16.8	8.8	18	.3	10.5	5.1	49	.24	.084	32	27.7	.47	165	.062	1	1.34	.007	.09	3.2	.03	2.6	.3	<.05	4	<.5
MT1500E-800N	1.2	165.3	18.7	56	.2	44.1	25.6	349	3.76	506.0	2.2	4.7	9.1	43	.3	6.9	2.5	36	.37	.076	53	23.7	.55	142	.045	1	2.20	.015	.06	.4	.05	2.8	.1	<.05	6	1.3
MT1500E-775N	.7	63.3	10.5	55	.2	29.0	13.3	348	3.27	914.9	2.0	5.3	5.4	46	.2	18.2	8.1	43	.51	.049	34	22.2	.55	206	.036	1	1.66	.028	.06	1.0	.05	3.3	.2	<.05	5	.7
MT1500E-750N	.7	47.4	10.3	58	.2	31.2	17.7	424	2.94	1236.1	1.2	11.5	5.2	50	.5	20.5	5.1	38	.45	.056	20	24.5	.68	204	.053	1	1.82	.022	.10	1.1	.03	2.9	.2	<.05	6	<.5
MT1500E-725N	1.0	139.6	44.8	90	1.2	41.4	21.1	672	5.20	1415.2	1.6	87.6	7.8	48	.5	450.6	12.3	51	.87	.092	35	27.8	.99	207	.032	4	1.91	.027	.16	.2	.06	7.7	.3	.06	7	1.0
MT1500E-700N	1.2	175.1	253.1	111	3.1	33.9	14.3	569	3.85	1059.5	1.9	185.7	4.5	46	1.2	725.2	12.1	50	.47	.073	20	28.3	.71	198	.031	3	1.65	.026	.07	.2	.13	5.3	.3	.10	5	1.0
MT1500E-675N	1.6	127.1	75.4	103	1.6	36.0	13.6	550	3.30	886.2	1.3	130.7	4.5	45	.9	541.4	6.8	49	.45	.063	18	25.9	.67	168	.038	4	1.77	.036	.09	.2	.06	4.3	.3	.09	6	.8
STANDARD DS5	13.2	142.0	23.8	139	.3	25.0	11.7	751	2.96	17.1	6.0	40.9	2.8	45	4.4	3.6	5.8	62	.72	.085	12	178.4	.67	129	.093	17	2.03	.034	.14	5.0	.18	3.3	1.1	<.05	6	4.9

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
MT1150E-525N	.5	124.8	14.3	53	.7	14.3	6.3	374	1.75	216.1	1.3	126.2	3.1	45	.4	36.3	19.0	24	1.16	.077	16	18.1	.34	207	.022	4	1.48	.043	.03	.6	.07	1.8	.1	.08	4	.9
MT1150E-500N	.9	176.8	23.2	111	1.7	19.7	10.7	704	3.14	1013.7	4.1	45.1	2.3	43	.9	122.5	18.1	41	.69	.113	26	32.1	.54	280	.023	3	1.87	.013	.06	.5	.07	2.8	.2	.10	6	1.2
MT1150E-475N	1.2	96.7	11.3	70	.5	21.6	12.5	589	2.74	405.0	4.2	22.5	3.7	38	.4	27.2	6.4	43	.35	.087	21	28.3	.43	236	.037	1	1.79	.012	.06	1.1	.06	2.8	.2	<.05	6	1.2
MT1150E-450N	1.0	60.7	10.1	71	.3	21.0	9.7	530	2.43	257.5	3.2	15.9	6.0	25	.4	13.4	3.4	42	.34	.085	22	26.0	.42	206	.044	1	1.48	.010	.06	2.0	.05	2.8	.2	<.05	5	.8
MT1150E-425N	1.5	51.7	11.0	67	.3	17.9	8.1	359	2.44	447.1	2.8	21.7	4.0	16	.3	19.7	4.4	45	.16	.061	16	27.9	.41	151	.042	1	1.34	.006	.05	1.2	.04	2.1	.2	<.05	5	.6
MT1150E-400N	1.1	45.9	10.0	69	.3	19.3	9.1	561	2.28	319.6	3.8	13.8	8.3	19	.5	15.1	2.7	46	.21	.078	25	28.3	.45	203	.058	1	1.32	.007	.07	2.6	.10	2.8	.2	<.05	5	.5
MT1200E-650N	.5	59.3	15.7	74	.4	24.6	8.3	346	2.32	181.7	1.0	15.9	3.5	67	.3	49.5	3.6	35	1.55	.084	17	30.2	.67	217	.038	5	2.37	.074	.05	.4	.05	3.4	.1	<.05	6	.6
MT1200E-625N	.8	77.7	15.1	82	.3	27.3	10.4	341	2.59	226.5	1.4	18.7	6.3	53	.5	23.3	3.2	44	.98	.103	22	29.2	.61	291	.056	2	2.08	.060	.07	1.6	.06	3.7	.2	<.05	7	.6
MT1200E-600N	.4	104.6	15.5	65	.5	18.6	8.3	417	1.91	392.0	1.4	19.5	4.1	84	.5	9.6	9.3	25	1.79	.103	18	18.4	.37	201	.023	6	1.98	.106	.04	.5	.04	2.4	.1	<.05	6	.7
MT1200E-575N	.6	102.5	11.1	68	.3	24.3	12.0	340	2.73	349.7	1.3	44.8	9.0	47	.4	21.6	6.4	44	1.05	.090	25	35.6	.68	198	.043	2	1.61	.030	.18	.9	.04	6.6	.2	<.05	5	<.5
MT1200E-550N	.9	93.3	18.3	59	.7	13.6	5.6	611	1.54	655.9	1.9	31.5	3.8	66	.8	17.8	11.1	17	2.35	.131	18	18.9	.28	204	.017	9	1.93	.030	.05	.4	.07	2.1	.1	.14	5	1.0
MT1200E-525N	.7	201.6	18.8	80	1.3	17.5	7.5	518	2.18	553.1	1.6	80.8	2.4	31	.4	92.3	26.3	27	.88	.092	18	19.7	.38	204	.020	4	1.49	.019	.04	.5	.05	2.2	.1	.07	4	1.1
MT1200E-500N	.8	230.7	20.2	99	1.8	21.7	9.1	440	2.86	1113.0	2.4	47.1	3.2	27	.4	164.3	19.1	37	.33	.099	25	30.3	.54	244	.018	2	1.95	.009	.05	.7	.09	3.1	.2	<.05	6	.9
MT1200E-475N	1.0	114.8	12.6	80	.5	21.7	10.8	465	2.76	588.2	2.9	58.4	3.7	36	.4	39.9	11.5	44	.44	.080	25	29.0	.47	214	.038	3	1.75	.013	.05	1.9	.05	2.8	.1	<.05	6	.7
MT1200E-450N	.8	41.5	7.7	70	.2	22.3	8.8	421	2.32	120.3	1.8	20.2	7.2	24	.6	8.9	1.9	41	.31	.085	22	23.6	.40	187	.046	1	1.26	.011	.05	2.8	.08	2.5	.1	<.05	4	.6
MT1200E-425N	1.0	61.0	10.0	66	.3	19.2	9.1	406	2.26	246.8	3.2	8.9	7.7	24	.4	15.7	3.4	42	.27	.083	25	26.4	.44	208	.053	1	1.39	.008	.06	1.8	.08	2.7	.2	<.05	4	.5
MT1200E-400N	1.2	80.5	9.6	70	.4	18.8	8.9	510	2.15	441.5	5.7	15.9	8.1	29	.4	18.3	5.4	41	.34	.087	29	27.0	.44	225	.058	<1	1.21	.009	.09	1.6	.05	2.7	.2	<.05	4	.6
MT1300E-800N	.9	46.8	14.3	82	.2	32.7	17.8	482	3.32	219.2	2.0	8.0	5.8	64	.4	4.0	3.2	46	.40	.077	26	32.0	.79	268	.057	1	2.65	.018	.15	.6	.09	4.0	.3	<.05	8	.8
MT1300E-775N	.8	33.1	10.1	65	.2	22.2	9.7	458	2.48	180.7	2.6	4.7	7.6	63	.2	2.1	2.7	39	.44	.069	29	24.9	.53	234	.044	1	1.65	.023	.09	.5	.06	3.7	.2	<.05	5	.5
MT1300E-750N	.9	32.2	8.6	55	.1	21.9	10.1	288	2.63	185.8	1.4	2.9	7.1	53	.1	6.6	.9	42	.46	.055	24	30.5	.95	236	.060	1	2.19	.015	.29	.4	.02	4.4	.5	<.05	7	.6
MT1300E-700N	.3	49.2	10.7	70	.1	24.5	10.3	205	2.90	192.3	.6	4.0	5.6	60	.3	2.2	.5	39	.88	.070	15	26.9	.47	154	.042	2	1.58	.046	.07	.2	.04	4.1	.1	<.05	5	.5
MT1300E-675N	.1	28.4	10.8	58	.1	23.1	9.0	264	2.53	33.1	.6	4.2	6.1	47	.2	2.5	.8	42	.85	.056	15	29.1	.53	205	.057	2	1.79	.054	.06	.1	.04	4.0	.1	<.05	6	.5
MT1300E-650N	.3	25.0	14.7	57	.2	18.5	8.0	279	1.87	97.3	.7	9.2	3.4	41	.2	4.8	2.5	30	.72	.065	14	20.9	.36	161	.030	3	2.14	.048	.05	.5	.05	2.3	.1	.07	6	<.5
MT1300E-625N	.6	79.0	19.0	80	.4	24.7	9.9	388	2.62	368.8	1.7	41.9	5.5	93	.7	128.8	6.5	40	1.59	.095	25	29.2	.62	250	.037	5	2.22	.100	.06	1.0	.07	4.9	.1	.08	7	.6
RE MT1300E-625N	.6	76.0	19.3	75	.4	23.6	9.3	370	2.52	354.9	1.7	30.5	5.4	88	.4	127.6	6.3	40	1.52	.092	24	28.2	.60	237	.034	6	2.10	.096	.06	1.4	.09	4.9	.2	.07	7	.6
MT1300E-600N	.9	128.6	19.9	151	.5	27.8	19.2	491	2.83	205.2	1.5	18.8	3.2	71	1.7	7.3	3.2	53	1.66	.111	20	23.9	.63	258	.049	4	2.08	.060	.07	.3	.07	3.7	.1	.10	7	.8
MT1300E-575N	.5	129.3	17.0	52	.4	21.7	8.6	346	1.75	358.5	1.3	13.2	3.7	93	.3	10.2	5.7	23	2.19	.114	19	17.4	.35	148	.022	7	2.13	.124	.04	.5	.06	2.3	.1	.11	6	1.3
MT1300E-550N	.5	86.1	14.0	43	.3	18.8	8.7	396	1.55	189.9	1.2	8.5	3.6	109	.6	6.7	4.6	21	2.55	.113	17	15.7	.31	160	.025	8	2.11	.136	.04	.4	.06	1.9	.1	.10	5	1.1
MT1300E-525N	.7	67.4	15.3	77	.3	19.0	7.4	348	2.16	185.6	1.3	17.1	5.7	54	.6	15.8	3.8	35	1.27	.101	21	20.3	.38	152	.032	8	1.35	.039	.05	1.6	.08	2.5	.1	<.05	4	<.5
MT1300E-500N	.9	305.6	18.9	61	1.8	15.4	8.8	751	2.27	457.8	4.8	24.1	2.8	59	.8	38.5	10.9	27	1.83	.146	47	19.9	.29	299	.015	8	1.90	.017	.05	.3	.18	2.6	.2	.20	5	2.1
MT1300E-475N	.6	192.6	26.4	83	1.7	18.2	8.5	493	3.15	1025.4	1.0	33.5	3.7	27	.8	304.4	31.1	29	.73	.075	16	19.0	.35	219	.014	6	1.13	.012	.05	.9	.06	2.3	.3	.08	4	1.0
MT1300E-450N	1.0	198.8	25.5	130	1.9	20.5	9.4	540	3.15	729.6	3.3	46.4	3.9	45	1.1	157.4	20.3	40	.68	.100	25	28.4	.50	233	.030	2	1.61	.015	.07	1.5	.08	3.4	.2	.10	6	1.2
MT1300E-425N	1.0	88.3	14.0	82	.4	23.0	10.2	491	2.62	488.8	4.1	26.5	7.4	44	.5	51.1	7.0	47	.56	.086	30	29.0	.50	224	.053	2	1.71	.012	.07	3.0	.04	3.1	.2	<.05	6	.5
MT1300E-400N	1.4	50.6	10.9	85	.2	23.2	11.0	634	2.44	285.1	3.9	11.4	6.9	20	.5	17:9	4.2	48	.29	.094	24	28.8	.47	167	.058	2	1.61	.009	.08	2.3	.07	2.6	.2	<.05	5	.7
STANDARD DS5	13.4	145.8	24.1	139	.3	25.1	12.3	749	3.04	17.5	5.9	42.0	2.7	45	5.3	3.7	6.0	62	.72	.092	12	191.4	.68	138	.095	17	2.08	.031	.15	5.0	.20	3.4	1.1	<.05	7	5.1

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ℓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
MT1000E-525N	.8	133.3	68.8	132	3.1	17.9	8.2	777	3.04	1888.9	2.3	585.7	3.9	61	1.6	155.5	28.2	28	1.36	.115	25	20.0	.52	331	.024	11	1.49	.030	.13	.5	.09	3.8	.4	.19	5	1.4
MT1000E-500N	1.2	56.3	12.3	57	.5	15.1	6.5	311	2.37	384.1	1.9	18.8	1.3	23	.3	8.4	4.9	45	.23	.067	16	24.1	.34	157	.035	2	1.78	.010	.05	.6	.07	2.0	.2	.06	7	.6
MT1000E-475N	1.0	82.0	14.6	69	.7	18.8	8.6	493	2.56	473.8	2.6	58.8	2.8	27	.4	59.4	7.9	41	.33	.064	26	24.9	.40	192	.028	2	1.61	.017	.06	1.3	.09	2.5	.2	<.05	6	.7
MT1000E-450N	1.5	220.3	12.9	75	1.0	22.3	12.1	576	3.07	1313.0	6.3	161.4	8.7	49	.5	18.6	17.6	48	.42	.091	32	30.3	.48	261	.067	1	1.83	.019	.10	3.8	.06	3.8	.2	<.05	7	1.3
MT1000E-425N	1.5	53.4	11.3	74	.3	20.8	10.0	585	2.44	260.6	4.5	47.0	7.3	30	.4	9.2	3.9	51	.32	.082	31	32.1	.47	248	.069	1	1.52	.014	.08	4.2	.05	3.1	.2	<.05	5	.5
MT1000E-400N	1.5	326.4	10.8	81	1.5	25.0	13.2	569	3.67	1296.9	10.6	86.8	7.3	32	.5	38.0	27.7	48	.29	.074	33	29.5	.46	333	.049	1	1.82	.012	.06	3.8	.06	3.5	.2	<.05	6	1.2
MT1050E-650N	1.1	13.2	11.0	42	.1	14.6	7.9	210	2.16	44.3	.6	.7	3.2	14	.2	.9	.9	46	.18	.036	14	21.1	.26	109	.052	1	1.76	.010	.04	.3	.05	2.1	.1	<.05	6	<.5
MT1050E-625N	.5	31.1	10.3	60	.1	20.5	9.8	210	2.56	141.4	1.1	3.9	8.5	34	.3	2.9	1.2	45	.49	.067	26	34.6	.85	263	.081	1	2.40	.014	.26	.3	.05	4.7	.5	<.05	8	<.5
MT1050E-600N	.5	80.7	17.9	87	.3	24.9	11.1	360	2.21	318.8	1.8	13.7	4.6	59	.6	20.8	6.4	42	1.18	.095	23	26.9	.54	239	.054	5	2.12	.082	.06	.7	.06	3.5	.2	.06	7	<.5
MT1050E-575N	.7	44.7	11.7	63	.3	18.0	7.2	505	2.05	77.8	.9	60.2	2.7	28	.4	8.8	11.1	33	.95	.081	16	20.5	.37	198	.021	3	1.40	.018	.04	.4	.06	1.9	.1	.10	5	.5
MT1050E-550N	.6	74.5	14.7	79	.5	18.0	7.9	631	2.15	274.1	1.5	106.3	2.9	50	.6	10.4	23.7	32	1.28	.104	21	22.5	.43	233	.028	4	1.82	.032	.06	.4	.06	2.3	.1	.08	6	<.5
MT1050E-525N	.6	51.4	11.4	56	.3	18.1	7.0	579	2.09	105.7	1.2	90.4	3.8	44	.6	12.6	11.4	33	1.06	.067	22	20.2	.40	216	.027	2	1.39	.038	.04	.6	.05	2.3	.1	<.05	4	.5
MT1050E-500N	.9	111.2	11.9	85	.7	21.0	9.5	550	2.91	1008.7	2.2	103.8	6.6	65	.6	88.7	25.3	37	.59	.080	26	23.0	.51	280	.037	2	1.55	.023	.07	1.7	.04	3.2	.1	<.05	5	.6
MT1050E-475N	.9	187.8	15.0	78	1.2	22.1	14.1	623	3.09	1129.6	2.8	171.4	6.0	37	.3	77.1	18.4	35	.40	.068	26	24.0	1.31	595	.028	1	1.71	.009	.05	.7	.05	3.5	.2	<.05	5	<.5
MT1050E-450N	1.1	136.2	12.3	77	.8	25.5	11.6	523	3.12	1257.5	3.7	117.8	6.3	44	.4	19.5	23.0	45	.48	.077	29	26.6	.41	241	.050	2	1.74	.021	.07	3.3	.05	3.0	.2	.06	6	.7
MT1050E-425N	1.2	140.0	10.3	70	.4	23.8	12.1	526	2.64	771.8	3.5	35.0	8.6	25	.5	9.1	6.5	50	.29	.082	29	29.2	.47	187	.066	3	1.46	.012	.08	3.6	.04	2.9	.2	<.05	5	1.0
MT1050E-400N	1.2	42.2	9.8	69	.2	22.2	8.8	447	2.36	174.4	2.9	15.6	9.5	30	.5	6.6	2.4	50	.34	.090	29	29.6	.49	177	.082	2	1.33	.010	.08	7.3	.03	2.7	.2	<.05	5	.5
MT1100E-675N	.2	32.6	12.6	56	.1	24.0	8.9	146	1.76	38.5	1.1	13.7	6.7	55	.2	2.3	1.5	36	.78	.070	21	27.9	.52	226	.063	2	2.36	.065	.05	.5	.05	3.2	.1	<.05	7	.6
MT1100E-650N	.3	29.8	15.0	64	.2	19.7	6.9	166	1.65	39.6	1.1	9.1	5.2	51	.3	4.0	1.5	31	1.05	.063	19	26.4	.51	195	.057	3	1.97	.069	.05	.4	.03	3.0	.1	<.05	6	<.5
MT1100E-625N	.7	65.6	15.0	83	.3	26.8	10.7	575	2.68	278.3	1.3	29.2	5.3	46	.4	51.9	2.9	49	.91	.075	22	31.3	.62	300	.070	5	2.02	.060	.07	1.1	.03	4.1	.2	<.05	6	.5
MT1100E-600N	.7	79.4	13.8	77	.6	17.6	6.6	348	2.14	214.0	1.8	227.4	3.6	38	.5	10.1	35.3	35	1.16	.097	20	26.4	.47	222	.037	4	1.71	.031	.05	.4	.05	2.9	.1	<.05	5	.8
MT1100E-575N	.5	72.8	11.7	75	.4	17.6	6.7	289	2.11	391.6	1.0	209.2	5.0	35	.5	11.9	27.3	33	.83	.075	20	19.5	.41	166	.041	6	1.19	.018	.04	.9	.04	2.5	.1	<.05	3	.5
RE MT1100E-575N	.6	73.3	11.7	76	.4	17.8	6.5	293	2.13	405.2	1.0	211.0	5.1	35	.4	12.1	27.8	34	.84	.077	20	19.7	.41	173	.043	6	1.23	.018	.04	.7	.05	2.5	.1	<.05	4	.5
MT1100E-550N	.6	89.0	12.1	70	.5	16.8	7.2	489	2.47	123.6	1.5	72.0	4.3	30	.3	23.5	20.5	38	.70	.067	21	26.8	.48	305	.025	4	1.58	.017	.05	.4	.05	3.8	.1	<.05	5	.6
MT1100E-525N	.6	69.0	14.4	70	.4	18.1	7.4	482	2.18	149.9	1.3	135.2	3.8	42	.5	17.2	20.0	35	.92	.070	20	21.5	.42	227	.029	4	1.67	.037	.05	.7	.04	2.5	.1	<.05	5	.6
MT1100E-500N	1.1	281.9	104.5	95	3.4	19.7	10.4	547	3.35	1165.3	3.5	52.9	5.1	34	1.9	230.2	13.8	40	.27	.073	24	26.9	.40	192	.038	2	1.38	.010	.06	.8	.07	3.7	.2	<.05	5	1.3
MT1100E-475N	.9	104.3	11.5	73	.5	24.7	9.8	425	2.48	252.4	2.4	68.4	6.0	50	.5	53.8	9.0	38	.53	.075	25	23.1	.40	162	.050	1	1.52	.013	.06	2.0	.04	2.6	.2	<.05	5	.6
MT1100E-425N	1.1	101.7	11.3	72	.5	24.2	11.4	620	2.80	311.4	3.6	132.3	7.5	27	.6	12.9	6.1	48	.35	.079	30	28.6	.42	227	.057	2	1.68	.012	.06	3.0	.07	3.1	.2	<.05	6	.8
MT1100E-400N	1.0	42.0	10.3	70	.2	22.4	8.9	439	2.29	222.2	2.2	249.7	5.4	20	.2	7.9	3.1	46	.24	.076	24	25.4	.41	166	.056	1	1.34	.008	.07	2.6	.04	2.3	.2	<.05	4	.6
MT1150E-650N	.6	49.3	13.9	65	.2	21.1	8.4	378	2.11	240.9	1.0	16.6	5.4	53	.4	14.9	4.4	35	.97	.081	21	23.7	.50	200	.052	3	1.78	.064	.05	1.0	.04	2.8	.1	<.05	5	.7
MT1150E-625N	.7	79.6	14.6	85	.3	27.8	11.9	447	2.43	226.6	1.3	16.0	5.4	50	.6	15.7	3.6	48	.91	.094	22	28.8	.59	279	.055	3	2.04	.066	.06	.6	.06	3.9	.2	<.05	6	<.5
MT1150E-600N	.8	62.5	9.9	63	.2	23.3	8.0	413	2.45	120.9	1.3	25.8	6.7	34	.3	5.3	8.2	48	.73	.100	26	28.0	.46	218	.055	3	1.39	.027	.05	1.6	.07	2.7	.1	<.05	4	.8
MT1150E-575N	.5	78.0	16.4	74	.5	20.0	8.2	650	2.35	449.5	1.6	69.5	4.4	49	.4	13.8	20.0	34	1.29	.104	20	24.0	.45	224	.029	4	1.82	.036	.04	.7	.08	3.0	.1	.07	5	.9
MT1150E-550N	.5	89.6	16.8	84	.6	13.7	6.8	567	2.01	257.1	1.4	229.6	3.9	48	.7	22:8	27.8	25	1.62	.087	17	20.6	.38	204	.030	9	1.57	.031	.04	.4	.06	2.3	.1	.07	5	.9
STANDARD DS5	13.1	141.0	23.7	138	.3	25.5	11.7	776	2.96	17.6	6.0	42.0	2.9	46	5.1	3.5	6.3	62	.71	.085	14	181.9	.68	130	.108	18	2.09	.034	.14	4.8	.17	3.4	1.0	<.05	7	4.8

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
MT900E-650N	.6	21.9	14.3	56	.2	20.0	9.5	396	2.11	49.8	1.1	3.5	3.0	49	.8	.9	.7	39	1.26	.053	18	26.7	.48	269	.036	1	2.20	.044	.05	.2	.04	2.7	.2	.06	7	.6
MT900E-625N	.6	35.3	13.3	54	.3	21.7	9.6	348	2.25	186.5	1.2	211.0	3.9	39	.3	2.1	12.4	39	.80	.040	19	26.1	.50	192	.041	1	1.58	.040	.05	.4	.05	2.8	.2	<.05	5	<.5
MT900E-600N	.5	55.1	15.8	57	.5	22.1	9.1	427	2.25	91.8	1.1	55.1	4.3	44	.3	2.2	24.1	39	1.02	.046	20	27.3	.57	192	.045	1	1.78	.046	.05	.4	.04	3.0	.2	<.05	6	<.5
MT900E-575N	.5	92.2	19.9	66	.6	21.2	9.0	472	2.19	131.1	1.2	236.8	3.4	52	.4	3.0	29.6	36	1.29	.063	20	25.9	.60	208	.039	5	1.70	.045	.06	.4	.04	2.8	.2	<.05	5	.6
MT900E-550N	.5	74.4	16.5	56	.5	17.5	6.5	292	2.10	813.6	1.1	148.3	4.1	40	.3	12.1	28.4	30	1.06	.064	20	21.9	.42	162	.025	2	1.39	.042	.05	.8	.36	2.9	.2	<.05	5	.9
MT900E-525N	.9	94.0	25.7	104	1.2	25.3	9.8	557	3.04	558.5	2.7	108.5	5.1	34	.6	49.9	6.9	45	.48	.083	29	29.4	.52	316	.027	1	1.67	.013	.07	1.5	.07	4.1	.2	<.05	6	.7
MT900E-500N	.8	122.2	26.9	102	.8	18.6	8.0	427	2.87	564.1	3.3	70.3	4.5	35	.6	76.2	4.5	37	.49	.073	29	24.1	.41	233	.017	1	1.44	.012	.07	.8	.05	4.0	.1	<.05	5	.6
MT900E-475N	1.0	80.0	10.1	83	.5	24.2	9.6	450	2.50	416.6	2.7	32.9	8.7	32	.5	6.3	6.5	44	.42	.087	26	28.1	.49	210	.058	1	1.41	.014	.07	3.3	.04	3.3	.2	<.05	5	.5
MT900E-445N	.8	75.7	8.3	59	.6	17.2	7.8	315	2.06	232.4	2.7	71.2	7.2	24	.4	8.3	3.9	39	.30	.079	25	24.0	.39	190	.055	<1	1.01	.008	.07	4.5	.04	2.5	.1	<.05	3	.5
MT900E-420N	1.1	33.1	9.8	68	.3	20.8	8.9	509	2.38	129.9	3.4	18.3	9.4	30	.4	4.5	1.8	52	.32	.090	29	31.0	.48	209	.074	<1	1.34	.009	.09	2.7	.05	3.1	.2	<.05	5	<.5
MT900E-400N	1.1	36.4	10.1	60	.2	17.7	8.8	442	2.33	129.2	3.5	12.2	8.6	34	.3	8.6	1.7	48	.37	.093	31	28.9	.44	196	.064	<1	1.16	.009	.07	3.2	.03	3.2	.1	<.05	4	<.5
MT950E-700N	.8	46.9	10.8	78	.1	28.3	12.1	367	2.79	208.5	1.4	5.7	6.6	50	.2	1.8	2.9	44	.57	.038	29	26.9	.62	204	.062	2	1.78	.035	.07	.5	.03	3.9	.2	<.05	6	<.5
MT950E-675N	.8	34.0	10.3	62	.1	23.9	10.0	377	2.28	178.1	2.0	6.6	5.8	37	.2	1.3	.9	40	.49	.037	28	24.3	.51	250	.054	2	1.73	.039	.07	.5	.07	3.1	.2	<.05	5	.6
MT950E-650N	.8	32.7	18.5	60	.2	22.1	9.2	538	2.18	81.0	1.0	6.7	6.2	59	.6	1.5	1.1	39	.96	.032	27	24.0	1.03	260	.049	2	1.69	.062	.06	.4	.03	3.1	.2	<.05	5	<.5
MT950E-625N	.6	48.4	15.6	48	.3	21.4	9.8	449	2.06	132.3	.9	9.5	2.4	69	.3	1.6	2.9	29	2.20	.095	21	18.9	.41	165	.029	4	1.50	.063	.05	.3	.07	2.0	.1	.07	4	.5
MT950E-600N	.5	41.2	35.8	83	.5	22.0	9.5	846	2.19	133.1	.9	29.8	3.6	39	.9	5.9	9.6	31	1.54	.071	23	20.7	.62	162	.039	10	1.39	.038	.06	.4	.04	2.8	.1	<.05	5	<.5
MT950E-575N	.8	47.1	12.1	72	.3	23.8	8.0	323	2.43	279.6	1.7	10.1	5.1	45	.2	11.8	2.2	38	.88	.062	32	26.8	.53	245	.029	<1	1.89	.027	.07	.1	.07	4.2	.2	<.05	6	.5
MT950E-550N	.5	106.1	23.3	121	.9	24.8	9.9	542	2.80	568.4	1.7	51.0	4.4	50	.7	66.6	10.6	40	1.01	.101	28	28.8	.64	284	.033	3	2.04	.038	.07	.4	.05	4.3	.2	<.05	7	.8
MT950E-525N	.7	279.3	492.0	222	11.3	19.6	8.9	690	3.97	2069.4	2.4	312.5	9.4	92	2.0	280.2	28.4	24	1.73	.116	29	19.9	.44	282	.037	21	1.67	.033	.12	.9	.11	4.1	.6	.10	5	1.3
RE MT950E-525N	1.0	284.6	497.7	232	11.8	19.4	8.7	713	4.05	2118.1	2.4	277.6	9.7	98	2.1	284.3	29.0	25	1.81	.119	31	21.1	.45	298	.039	22	1.76	.035	.12	1.0	.08	4.1	.6	.11	6	1.1
MT950E-500N	.7	73.1	32.3	130	1.3	22.2	10.2	721	2.76	320.5	2.2	109.5	5.4	66	1.2	38.7	10.4	41	1.27	.091	29	26.2	.61	475	.031	5	2.04	.036	.08	1.1	.07	4.4	.2	<.05	6	<.5
MT950E-475N	.9	55.2	13.6	76	.4	20.3	9.5	472	2.55	251.7	4.0	38.0	7.0	30	.3	15.6	3.1	47	.40	.086	34	26.0	.44	229	.040	2	1.37	.015	.06	2.0	.06	3.6	.1	<.05	5	<.5
MT950E-450N	1.2	106.1	13.1	86	.5	22.8	11.5	664	2.72	427.1	5.5	36.8	8.9	32	.5	10.5	6.2	55	.41	.093	35	32.8	.51	251	.071	2	1.71	.012	.09	2.4	.06	3.6	.3	<.05	6	.5
MT950E-410N	1.5	57.2	13.6	87	.4	25.5	12.3	750	2.86	258.7	5.9	12.2	8.8	29	.3	9.2	4.2	61	.31	.096	34	37.7	.56	294	.074	1	1.84	.013	.10	2.4	.07	4.1	.3	<.05	7	.5
MT950E-385N	1.4	55.7	12.9	85	.5	24.7	11.4	746	2.78	231.6	6.6	23.8	15.4	28	.6	3.5	6.7	59	.34	.106	42	39.5	.60	293	.099	1	1.61	.013	.17	5.7	.06	4.2	.4	<.05	6	<.5
MT1000E-800N	1.0	72.8	16.7	86	.3	32.3	18.5	533	3.52	363.4	3.8	29.1	7.7	74	.5	3.2	4.1	47	.55	.070	33	29.9	.87	166	.048	2	1.72	.025	.11	.4	.04	5.5	.2	<.05	6	<.5
MT1000E-750N	1.0	25.1	9.2	74	.1	24.1	10.3	400	2.47	33.5	1.4	2.6	5.4	35	.3	1.0	.8	46	.39	.053	23	26.4	.56	306	.065	1	1.81	.028	.09	.3	.04	3.3	.2	<.05	6	.6
MT1000E-700N	.9	26.5	9.8	70	.1	25.5	10.7	364	2.57	139.4	1.3	11.0	6.2	39	.3	2.1	1.5	45	.40	.057	23	26.7	.54	219	.057	1	2.02	.026	.08	.7	.03	3.2	.2	<.05	6	.5
MT1000E-675N	.9	45.2	17.7	98	.2	32.4	12.6	434	2.97	160.1	1.5	10.5	8.0	80	.5	1.5	1.1	45	1.30	.045	32	31.0	.68	326	.062	3	2.81	.089	.08	.4	.05	4.2	.3	<.05	7	.5
MT1000E-650N	.7	22.9	13.5	54	.1	20.5	8.1	383	1.99	52.1	.8	13.9	3.6	65	.4	1.4	.8	34	1.39	.052	19	21.9	.47	210	.039	3	1.72	.058	.06	.5	.05	2.5	.2	.06	5	.5
MT1000E-625N	.8	52.6	24.2	80	1.3	22.8	10.9	538	2.32	122.3	.8	51.8	4.4	61	.9	3.3	26.0	37	1.28	.041	21	20.8	.63	187	.046	3	1.49	.038	.09	.3	.07	3.2	.2	<.05	5	.6
MT1000E-600N	.9	82.8	19.0	80	.4	22.8	6.9	321	3.07	416.9	2.2	27.9	8.2	41	.3	27.0	6.9	34	1.17	.136	46	23.9	.30	164	.007	2	1.39	.032	.03	.3	.08	5.4	.2	<.05	5	.6
MT1000E-575N	.2	51.8	39.0	165	.8	24.1	11.8	1331	3.05	397.0	1.4	179.1	8.8	68	1.8	76.3	17.0	26	1.35	.115	44	20.6	.80	1285	.012	8	1.59	.019	.18	.4	.06	6.1	.3	<.05	5	<.5
MT1000E-550N	.6	65.8	31.8	122	1.0	23.9	9.8	773	2.66	176.0	1.1	97.8	5.8	53	1.1	114.9	6.8	33	.96	.105	34	21.7	.78	810	.017	6	1.58	.017	.09	.6	.04	5.0	.2	<.05	5	<.5
STANDARD DS5	13.3	145.1	24.1	138	.3	25.9	12.1	782	3.02	18.0	5.9	42.0	3.0	46	5.4	3.6	5.9	62	.71	.090	13	179.5	.68	132	.099	18	2.00	.034	.14	4.9	.17	3.4	1.0	<.05	7	4.8

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
MT750E-450N	1.6	38.3	13.5	79	.2	19.8	11.7	677	2.83	231.0	4.0	18.2	6.4	16	.3	9.0	2.3	54	.22	.097	26	32.3	.55	195	.056	1	1.67	.008	.08	2.0	.05	3.4	.2	.07	6	.7
MT750E-425N	1.0	40.1	14.0	76	.2	19.7	10.8	536	2.71	156.0	4.9	23.7	12.3	23	.4	5.6	2.4	54	.28	.096	33	34.8	.56	281	.093	1	1.41	.009	.12	2.7	.06	3.9	.3	<.05	5	<.5
MT800E-825N	.7	36.3	14.5	68	.3	19.2	7.3	326	2.14	174.8	2.0	5.7	5.6	41	.5	2.8	2.1	35	.68	.075	25	20.1	.37	195	.028	2	1.33	.024	.05	.7	.07	2.5	.1	.09	4	.5
MT800E-800N	.6	34.5	13.4	61	.2	18.5	9.0	649	1.71	90.4	1.5	7.1	4.5	61	.6	1.5	2.1	29	1.17	.073	17	19.6	.38	263	.032	4	1.47	.068	.04	.5	.05	2.2	.1	.12	4	.9
MT800E-775N	1.0	24.3	17.1	61	.2	19.3	11.3	321	2.74	116.1	3.5	5.5	4.7	26	.2	3.3	1.2	47	.20	.060	35	29.2	.44	262	.033	1	1.71	.009	.05	.4	.08	3.4	.2	<.05	5	.7
MT800E-750N	1.2	15.5	12.8	49	.1	14.8	7.9	299	2.21	78.6	1.1	3.3	2.3	20	.4	1.0	.7	44	.25	.080	14	24.0	.37	204	.040	1	1.92	.011	.07	.4	.08	2.0	.2	.14	6	.7
MT800E-725N	.5	17.9	12.1	64	.1	21.0	8.8	324	2.22	107.3	1.0	23.7	3.9	52	.4	1.4	1.1	43	1.33	.072	16	32.3	.59	282	.071	3	2.09	.068	.07	.5	.05	3.2	.2	.14	7	.7
MT800E-700N	.8	25.8	12.2	118	.1	22.3	9.0	282	2.38	165.3	1.0	15.3	5.8	25	.3	2.5	1.2	39	.23	.051	19	23.6	.47	168	.052	2	1.58	.015	.07	.7	.05	2.6	.1	<.05	5	.6
MT800E-675N	.8	44.9	16.1	63	.3	25.5	10.5	381	2.53	113.1	2.2	10.6	3.6	53	.4	3.4	1.5	42	1.23	.089	20	30.9	.54	338	.043	2	1.96	.033	.08	.4	.08	2.9	.2	.17	6	.8
MT800E-650N	.6	33.7	16.3	69	.2	23.9	10.0	320	2.38	104.7	1.8	17.4	4.5	51	.5	8.8	1.6	42	1.20	.081	21	28.6	.49	293	.044	4	1.82	.047	.08	.4	.05	3.7	.2	.12	6	.7
MT800E-625N	.6	51.3	11.4	46	.2	20.4	9.8	258	3.07	257.9	1.1	10.6	9.3	47	.2	20.4	1.0	39	.65	.037	25	24.6	.49	233	.050	1	1.30	.030	.15	.4	.02	3.8	.3	.16	5	.7
MT800E-600N	.6	47.7	12.8	59	.2	24.7	10.1	266	2.64	385.2	1.3	7.6	8.1	50	.4	17.0	1.8	38	.95	.069	33	27.0	.56	232	.060	3	1.67	.035	.13	.4	.05	4.5	.2	.09	5	.6
MT800E-575N	.5	49.9	14.6	65	.3	19.9	7.7	351	2.11	472.6	1.0	23.4	4.6	62	.5	8.7	5.2	30	1.27	.081	22	21.3	.47	229	.033	3	1.56	.050	.06	.4	.04	3.0	.1	<.05	5	.6
MT800E-550N	.6	44.1	16.4	65	.4	24.3	9.6	371	2.42	783.9	1.2	15.0	3.5	39	.3	19.7	3.1	43	.77	.081	21	28.5	.57	317	.041	1	2.06	.046	.06	.4	.07	3.0	.2	.11	6	.8
MT800E-525N	.5	35.2	16.4	72	.3	21.9	8.2	305	2.20	444.8	1.3	15.7	4.0	40	.5	9.5	2.9	36	.95	.081	22	26.9	.48	287	.032	2	1.94	.045	.06	.2	.25	3.1	.2	.10	6	.7
RE MT800E-525N	.5	33.3	17.0	67	.3	20.3	8.2	287	2.09	430.5	1.3	12.1	4.1	39	.4	9.1	2.9	34	.89	.077	20	25.3	.46	278	.031	2	1.90	.041	.06	.3	.23	3.1	.2	.10	6	.9
MT800E-500N	1.0	68.5	16.1	98	.3	23.5	10.0	594	2.83	652.7	3.0	26.6	7.8	20	.5	31.9	3.6	45	.30	.098	26	27.4	.44	286	.042	<1	1.40	.009	.07	1.4	.04	4.1	.3	<.05	5	<.5
MT800E-475N	1.4	42.7	25.4	87	.5	19.8	11.6	552	2.58	253.5	3.5	11.2	7.2	25	.6	12.4	4.7	50	.23	.097	25	33.4	.47	188	.066	2	1.72	.009	.08	2.3	.07	2.8	.2	<.05	6	.7
MT800E-450N	1.3	41.8	12.2	78	.3	23.3	10.8	542	2.88	154.9	4.7	68.7	12.8	21	.3	5.9	2.6	60	.29	.125	33	37.7	.58	225	.085	2	1.59	.010	.11	3.3	.05	4.2	.3	<.05	5	.5
MT800E-425N	1.3	38.1	11.7	72	.2	21.2	9.6	408	2.69	154.7	3.5	6.3	7.6	18	.3	4.3	2.0	53	.22	.089	26	34.2	.53	199	.068	1	1.72	.009	.09	1.9	.03	3.3	.3	.07	5	.7
MT800E-400N	1.1	40.6	11.0	58	.2	16.1	7.6	280	2.39	131.0	3.7	7.9	7.5	26	.2	2.4	2.3	51	.24	.085	32	35.2	.53	213	.080	1	1.49	.010	.10	1.4	.03	3.2	.3	<.05	6	.6
MT850E-575N	.5	53.1	29.2	82	.6	22.3	8.8	450	2.37	479.2	1.5	94.5	5.6	42	.6	17.0	11.3	35	1.22	.095	26	25.7	.50	273	.033	3	1.62	.038	.09	.4	.18	3.9	.2	.13	5	.7
MT850E-550N	.4	180.6	29.2	143	1.8	20.2	31.2	2461	6.11	341.9	1.2	1344.4	12.1	17	1.0	31.9	88.1	32	1.35	.172	47	39.6	.17	201	.004	1	.92	.007	.02	.1	.06	8.4	.1	.08	3	.7
MT850E-500N	1.2	59.2	11.4	72	.3	20.7	9.4	448	2.64	366.6	3.2	21.5	4.3	23	.4	7.0	3.4	52	.29	.086	24	31.2	.47	235	.051	1	1.62	.011	.07	1.9	.04	2.9	.2	.08	5	.8
MT850E-475N	.9	48.4	8.8	62	.3	19.7	7.5	369	2.23	329.4	2.5	13.1	6.0	19	.3	4.2	2.7	43	.25	.096	23	25.3	.38	186	.047	1	1.12	.007	.06	2.8	.05	2.5	.1	<.05	4	.8
MT850E-450N	1.2	37.6	11.6	69	.3	17.9	9.7	547	2.36	193.7	4.2	16.4	7.7	24	.4	6.3	2.9	49	.24	.094	28	29.4	.45	221	.061	1	1.50	.007	.09	1.7	.04	3.2	.2	<.05	5	.8
MT850E-425N	1.3	47.5	12.5	67	.3	17.5	9.5	489	2.57	186.8	4.2	10.0	12.6	25	.2	6.8	3.6	53	.30	.102	33	37.3	.55	242	.091	1	1.39	.009	.12	3.8	.04	4.0	.3	<.05	5	<.5
MT900E-825N	.7	35.0	13.4	82	.1	22.5	9.3	305	2.19	129.1	.8	6.2	6.4	44	.6	1.2	1.9	36	.66	.075	20	22.1	.42	181	.044	2	1.12	.043	.05	.5	.05	2.6	.1	.07	4	<.5
MT900E-800N	.7	71.5	14.2	90	.3	23.0	8.8	274	2.77	196.0	1.8	5.0	6.0	45	.4	2.4	4.8	41	.68	.070	23	26.7	.48	203	.043	2	1.52	.029	.06	.5	.07	3.5	.1	.07	5	.7
MT900E-775N	.6	40.3	12.2	68	.2	25.7	10.7	294	2.45	157.0	1.4	5.5	6.1	42	.4	1.6	2.6	38	.95	.089	22	26.4	.49	299	.042	2	1.53	.043	.06	.6	.07	3.6	.2	.10	5	.8
MT900E-750N	.9	36.5	12.9	84	.2	22.3	10.3	275	2.81	113.0	2.6	6.2	8.6	59	.3	1.8	1.1	44	.60	.089	26	27.9	.72	211	.060	2	1.48	.019	.11	.5	.04	3.8	.2	<.05	5	.8
MT900E-725N	.4	27.1	12.0	59	.2	18.7	8.6	147	2.19	73.8	2.0	3.6	5.4	40	.2	1.4	.7	40	.66	.079	18	26.5	.49	195	.046	2	1.75	.030	.07	.4	.06	3.2	.1	.14	6	.8
MT900E-700N	.8	22.4	9.8	67	.1	22.4	9.3	314	2.22	43.7	.9	11.6	2.9	34	.2	1.0	.7	40	.45	.076	14	26.6	.49	238	.054	2	2.19	.027	.07	.4	.07	2.6	.2	.11	7	.7
MT900E-675N	.7	34.1	10.6	68	.2	22.3	9.8	311	2.43	199.4	1.4	15.5	6.1	47	.3	2:1	1.1	41	.42	.063	22	23.9	.51	191	.049	1	1.63	.024	.08	.4	.06	3.1	.1	.06	5	.7
STANDARD DS5	12.4	146.9	25.3	139	.3	25.3	12.1	747	3.03	18.0	6.2	43.1	2.9	44	5.3	3.9	6.1	61	.74	.104	12	177.1	.64	134	.100	17	2.00	.034	.14	4.8	.17	3.4	1.1	.09	6	5.2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
MT600E-525N	1.2	46.6	19.6	59	.3	18.6	8.6	334	2.62	803.8	2.2	12.8	4.3	23	.2	5.8	3.5	44	.35	.052	24	23.9	.42	221	.020	1	1.43	.010	.05	.4	.07	2.6	.2	<.05	5	.6
MT600E-450N	2.9	131.1	97.3	140	1.2	25.0	20.8	1285	5.28	3420.0	13.5	64.4	23.1	34	2.1	118.9	13.0	27	.42	.139	49	18.1	.22	288	.009	1	.58	.003	.10	1.1	.08	10.9	.4	<.05	2	.7
MT600E-425N	1.4	74.1	16.5	72	.3	18.3	10.9	563	3.05	615.7	6.2	39.2	13.1	20	.5	80.3	3.3	55	.42	.133	32	41.1	.62	270	.069	1	1.51	.006	.17	2.7	.02	5.4	.4	<.05	6	.6
MT600E-400N	1.3	74.2	16.9	74	.2	21.0	11.1	566	2.86	860.2	4.3	14.0	8.2	18	.6	41.7	5.6	45	.28	.095	24	33.0	.44	150	.032	<1	1.08	.004	.07	1.5	.03	4.3	.2	<.05	4	<.5
MT600E-375N	1.2	50.5	11.9	69	.2	19.0	8.0	385	2.62	425.2	3.3	75.7	4.1	19	.1	7.2	3.1	62	.29	.073	21	35.4	.69	182	.051	1	1.52	.007	.06	1.8	.03	3.2	.2	<.05	6	.7
MT600E-350N	.9	59.8	10.5	60	.3	20.7	8.6	404	2.21	396.7	2.7	49.9	7.0	18	.4	6.0	3.2	47	.31	.083	23	26.8	.52	149	.051	1	1.02	.007	.09	1.5	.03	3.1	.2	<.05	4	.6
MT600E-325N	1.1	64.3	11.8	68	.4	21.9	8.5	412	2.23	226.8	2.4	736.8	6.4	25	.4	6.0	15.8	52	.42	.095	19	29.9	.64	194	.064	1	1.18	.011	.11	1.2	.04	3.2	.2	<.05	4	.8
MT600E-300N	1.1	66.8	13.1	67	.3	23.1	10.7	325	2.59	127.4	1.8	17.6	6.3	12	.2	8.1	1.2	91	.36	.087	20	42.5	.94	209	.080	1	1.56	.006	.18	.5	.03	5.0	.3	<.05	6	.6
MT600E-275N	.9	126.4	10.9	72	.6	24.9	11.0	378	2.58	181.7	1.5	97.2	6.8	19	.3	6.6	3.9	99	.49	.082	20	48.0	1.20	276	.095	1	1.83	.010	.26	.5	.05	5.4	.4	<.05	7	.8
MT600E-250N	.7	208.0	9.6	70	1.1	21.5	6.8	218	2.37	261.8	1.5	178.0	7.2	30	.3	5.2	5.9	82	.63	.088	20	42.5	1.17	284	.080	1	1.84	.014	.22	.5	.02	4.6	.3	<.05	7	.9
MT600E-225N	.8	634.2	10.7	77	5.6	20.5	8.0	405	2.69	1164.4	1.7	311.5	6.5	35	.5	9.1	26.8	55	.61	.085	18	32.5	.82	299	.044	2	1.45	.015	.12	.4	.05	4.0	.2	<.05	6	1.0
MT600E-200N	1.4	93.0	12.1	76	.4	31.5	10.2	270	2.65	104.7	2.1	10.7	7.8	15	.4	12.5	1.0	92	.41	.105	25	41.9	.86	266	.084	<1	1.35	.007	.28	.6	.04	6.5	.4	<.05	5	.7
MT600E-175N	2.0	68.9	21.8	75	.8	22.1	10.3	503	3.08	134.8	6.1	3.7	5.8	16	.3	13.1	3.3	58	.22	.091	31	34.6	.52	197	.036	1	1.60	.006	.07	2.0	.06	4.0	.3	<.05	6	.7
MT700E-700N	1.3	17.9	17.1	61	.2	18.5	27.4	5557	3.95	313.5	1.3	4.4	5.3	55	.6	2.7	1.2	54	.69	.094	15	30.0	.51	380	.035	2	1.82	.023	.06	.4	.07	3.3	.2	<.05	6	.6
MT700E-675N	.6	28.5	10.3	67	.1	23.2	8.3	241	2.26	51.0	.7	6.5	5.3	53	.3	1.8	.6	41	.69	.079	16	27.8	.53	224	.053	2	1.58	.028	.08	.3	.04	3.6	.1	<.05	5	<.5
MT700E-650N	.7	19.7	12.3	64	.2	21.2	7.6	297	2.03	37.5	.8	3.5	3.3	52	.5	1.3	.5	36	.67	.046	19	23.7	.45	177	.031	2	1.62	.030	.06	.3	.04	2.7	.1	<.05	5	.5
MT700E-625N	.7	20.1	13.9	56	.2	19.6	7.8	332	1.88	50.4	.7	77.3	2.4	49	.4	1.5	4.0	30	.78	.058	13	19.5	.40	189	.021	1	1.54	.028	.05	.3	.05	2.0	.1	<.05	5	.5
MT700E-600N	.8	41.5	16.6	65	.3	25.2	10.2	424	2.46	596.8	1.0	16.8	3.9	41	.3	2.8	4.4	35	.68	.051	19	22.2	.46	211	.025	2	1.57	.039	.06	.4	.05	2.8	.1	<.05	5	.7
RE MT700E-600N	.8	42.2	17.4	68	.3	25.3	10.5	421	2.47	614.1	1.0	12.3	3.9	41	.3	2.8	4.2	36	.71	.051	19	22.7	.46	211	.025	2	1.54	.038	.06	.3	.05	2.7	.1	<.05	5	.6
MT700E-575N	.8	74.1	21.1	69	.3	21.7	9.7	390	2.77	1439.4	1.3	33.6	4.9	42	.3	10.1	6.2	37	.60	.063	23	22.6	.45	198	.014	<1	1.68	.018	.06	.3	.03	2.7	.1	<.05	6	.5
MT700E-550N	.8	130.6	15.4	56	.4	22.9	12.8	371	2.91	765.9	1.1	256.3	4.4	51	.2	7.0	36.5	36	.69	.057	18	26.1	.55	203	.018	1	1.75	.027	.05	.3	.05	3.0	.2	<.05	6	.8
MT700E-525N	.7	173.6	19.3	69	1.0	21.6	9.2	448	2.99	1780.3	1.5	751.0	3.7	68	.4	20.7	101.8	30	1.12	.077	18	21.2	.52	197	.013	2	1.54	.027	.07	.3	.05	2.6	.1	.09	5	1.1
MT700E-500N	1.1	45.7	17.0	79	.5	21.4	9.3	588	2.62	303.7	3.2	44.0	7.8	21	.4	28.3	4.8	48	.30	.094	26	28.8	.46	177	.056	1	1.24	.007	.07	2.5	.04	3.0	.2	<.05	5	<.5
MT700E-475N	1.7	45.7	18.9	83	.4	20.2	11.6	786	2.77	365.4	5.3	23.9	5.4	26	.5	25.6	3.7	56	.34	.095	29	36.0	.54	268	.052	2	1.68	.010	.09	1.5	.06	3.8	.3	<.05	6	<.5
MT700E-450N	1.1	122.2	39.0	108	.7	22.6	11.9	1066	3.31	976.1	5.2	126.1	7.7	23	1.4	122.7	11.1	32	.27	.092	31	19.0	.32	220	.020	2	.90	.005	.05	1.1	.05	3.8	.3	<.05	3	.5
MT700E-425N	1.3	79.4	29.5	107	.7	20.2	9.0	516	2.64	521.1	4.5	63.1	6.7	20	1.3	64.7	2.7	42	.23	.088	23	26.8	.44	162	.039	1	1.29	.006	.06	1.8	.05	2.8	.2	<.05	5	.5
MT700E-400N	1.4	29.2	12.8	52	.2	14.1	6.0	238	2.38	99.0	2.4	4.9	1.6	15	.2	2.5	1.8	51	.12	.070	16	30.6	.41	120	.035	1	1.46	.007	.05	1.3	.04	1.9	.2	<.05	6	.6
MT700E-375N	1.6	46.9	17.3	61	.3	15.8	7.4	423	2.68	207.8	2.8	5.6	1.3	16	.3	12.4	2.5	49	.19	.077	17	28.7	.39	216	.019	2	1.36	.007	.06	2.0	.07	2.2	.3	<.05	6	.5
MT700E-350N	1.4	51.8	16.3	66	.3	17.5	8.4	430	2.76	228.7	3.6	5.2	7.4	18	.3	11.9	3.3	47	.24	.080	25	30.2	.45	172	.053	2	1.22	.007	.08	2.6	.06	3.5	.2	<.05	5	<.5
MT700E-325N	1.4	45.2	14.4	66	.4	16.4	8.4	547	2.65	190.9	3.8	5.2	6.9	28	.5	10.3	2.2	42	.33	.088	28	28.2	.44	218	.043	1	1.14	.007	.07	3.4	.06	3.3	.2	<.05	4	<.5
MT700E-300N	1.7	29.4	11.4	55	.3	14.9	6.9	302	2.19	97.6	2.7	1.9	4.7	23	.2	4.4	1.5	45	.20	.070	20	28.2	.45	146	.047	2	1.18	.006	.06	1.4	.04	2.5	.2	<.05	4	<.5
MT750E-525N	.8	108.9	12.3	96	.3	20.3	8.0	508	2.21	583.9	1.0	7.3	1.7	28	.7	28.4	2.3	32	.60	.088	14	22.5	.42	203	.020	2	1.61	.019	.04	.3	.05	2.2	.1	.08	5	1.0
MT750E-500N	.7	101.1	28.9	110	1.0	22.3	9.0	514	2.66	783.2	2.2	61.5	4.0	34	.8	63.4	9.7	39	.60	.095	23	26.9	.52	255	.027	2	1.73	.027	.06	.9	.08	3.3	.2	<.05	6	.5
MT750E-475N	1.3	31.5	15.7	67	.2	18.5	8.8	378	2.60	193.6	4.2	21.5	3.7	16	.2	5.9	2.4	54	.17	.070	24	33.0	.51	191	.042	1	1.61	.007	.06	1.1	.05	2.9	.2	<.05	6	.6
STANDARD DS5	13.5	145.7	25.2	141	.3	25.3	12.4	812	3.06	18.2	6.2	41.6	2.9	45	5.8	3.9	6.2	63	.76	.097	12	191.9	.70	136	.100	18	1.97	.035	.15	5.0	.19	3.4	1.0	<.05	7	5.1

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
MT400E-125N	.8	33.1	50.1	72	.5	19.3	9.9	555	1.85	60.6	1.6	10.5	5.9	53	1.9	1.2	.7	28	1.07	.061	27	20.4	.36	131	.021	4	2.00	.057	.04	1.3	.06	2.4	.1	<.05	5	.7
MT400E-100N	1.0	23.9	14.2	43	.2	13.6	6.6	229	2.12	411.3	.9	26.7	3.1	23	.2	1.2	4.1	43	.27	.031	14	21.7	.30	129	.030	2	1.72	.012	.04	.5	.04	2.3	.1	<.05	6	.7
MT500E-600N	.8	33.8	22.3	68	.2	18.5	8.4	342	2.19	432.6	1.9	6.9	4.2	27	.3	6.0	1.4	33	.38	.064	22	20.0	.37	229	.018	<1	1.54	.019	.04	.6	.03	2.2	.1	<.05	5	.7
MT500E-575N	1.0	104.4	29.5	75	.4	19.6	10.0	477	2.68	900.3	3.4	42.7	8.1	51	.9	27.5	4.7	31	.78	.076	55	19.5	.37	226	.020	1	1.49	.043	.07	1.0	.04	2.6	.2	<.05	5	.8
MT500E-550N	.7	64.5	15.3	63	.3	20.1	10.9	483	2.06	657.0	3.7	8.9	3.4	35	.5	5.9	2.8	36	.75	.076	23	23.3	.41	266	.021	1	1.80	.034	.05	.7	.05	2.3	.2	<.05	5	.7
MT500E-525N	.8	68.1	11.0	62	.3	21.8	7.9	260	2.09	552.5	2.5	10.6	3.7	26	.3	5.0	2.1	35	.40	.070	20	24.3	.45	243	.032	<1	1.58	.021	.05	.4	.04	2.5	.2	<.05	5	.7
MT500E-500N	.8	56.8	20.1	70	.4	18.6	9.6	436	2.18	314.4	1.4	37.0	6.0	56	.7	11.6	3.3	36	.83	.090	21	25.5	.43	224	.040	2	1.45	.035	.06	2.5	.04	3.2	.2	<.05	4	.5
MT500E-475N	.5	35.5	13.4	74	.2	17.9	10.0	475	2.26	305.0	1.9	9.5	2.3	26	.5	4.4	1.4	41	.54	.075	16	25.3	.46	192	.025	1	1.54	.012	.04	.4	.03	2.8	.2	<.05	5	.5
MT500E-450N	.2	72.3	31.1	111	.8	20.1	9.2	416	2.20	181.5	1.2	34.4	6.2	89	1.2	11.1	3.5	34	1.33	.095	22	27.5	.64	247	.035	4	1.99	.050	.05	.9	.04	3.9	.1	<.05	6	.5
MT500E-425N	.5	45.5	18.0	71	.3	21.8	10.6	270	4.48	582.3	.9	32.4	5.9	43	.5	8.0	2.2	43	.70	.091	19	26.5	.47	228	.036	1	1.42	.027	.04	.9	.03	3.5	.1	<.05	4	.6
MT500E-400N	.3	59.4	20.1	79	.5	22.2	9.6	314	2.30	161.1	1.2	12.2	5.1	49	.8	6.9	2.1	39	.96	.090	20	27.0	.54	237	.037	3	1.60	.033	.04	.5	.05	3.7	.1	<.05	5	.5
MT500E-375N	.8	77.4	18.3	77	.4	20.2	11.4	553	2.61	247.2	1.0	15.1	7.9	45	.7	13.2	5.5	49	.67	.098	25	34.7	.60	259	.072	1	1.27	.020	.10	1.9	.04	4.2	.2	<.05	4	.5
MT500E-350N	.7	54.5	14.9	60	.5	21.0	7.8	345	1.98	200.2	.8	8.5	6.1	51	1.0	5.7	1.3	35	.70	.093	20	20.3	.38	149	.043	2	1.11	.041	.06	1.1	.02	2.9	.1	<.05	3	.5
MT500E-325N	.6	95.7	60.8	109	2.7	19.1	8.7	371	2.04	383.0	1.0	45.7	5.1	112	2.6	31.6	6.3	31	1.52	.095	21	22.3	.73	182	.027	5	1.81	.067	.06	.9	.05	2.6	.1	<.05	5	.6
MT500E-300N	.5	57.9	28.2	66	1.2	16.1	7.1	392	1.58	182.9	1.0	22.4	5.3	160	1.0	12.4	4.1	21	2.45	.106	21	19.7	.65	170	.036	9	2.59	.107	.07	.7	.04	2.5	.1	<.05	7	.8
MT500E-275N	.5	57.8	56.9	117	3.6	21.9	9.7	413	2.39	97.2	.9	28.6	5.9	107	4.2	36.6	3.7	34	2.80	.104	25	28.7	1.46	245	.042	6	2.32	.038	.07	1.1	.05	4.2	.1	<.05	7	.6
MT500E-250N	.5	62.4	26.1	74	.5	17.9	8.9	360	2.13	332.5	.8	11.6	4.1	91	.8	7.1	10.0	32	1.83	.090	21	22.6	.70	179	.034	5	1.98	.042	.06	.5	.05	3.0	.1	<.05	6	.6
MT500E-225N	.5	40.3	18.1	58	.3	19.7	9.0	529	1.87	43.3	1.0	11.2	3.7	86	.6	2.9	5.5	28	2.07	.081	21	24.6	.51	189	.028	6	2.02	.063	.05	.5	.07	2.7	.1	.07	5	.7
MT500E-200N	.4	36.8	10.4	65	.2	21.0	9.4	333	1.98	26.5	.7	5.3	5.5	90	.3	5.8	1.0	33	2.85	.073	19	23.7	.89	192	.033	2	1.57	.034	.06	.2	.03	3.6	.1	<.05	5	<.5
MT500E-175N	.2	32.2	15.7	75	.2	19.7	8.9	374	1.94	29.3	.7	8.1	5.2	95	.6	2.9	.9	34	1.47	.073	19	26.2	.67	163	.044	4	1.91	.066	.06	.3	.05	3.5	.1	<.05	6	.7
MT500E-150N	.3	111.2	19.5	73	2.9	20.7	9.9	394	2.59	2848.1	.9	75.2	6.0	66	.6	11.7	32.5	32	1.40	.083	24	26.3	.63	182	.023	4	1.59	.056	.06	.3	.08	4.2	.1	<.05	5	1.2
MT500E-125N	.7	455.2	62.2	153	3.6	26.2	11.5	657	4.34	1782.3	1.2	37.1	9.2	70	4.0	26.8	20.7	38	1.35	.097	34	31.0	.69	567	.023	3	1.70	.037	.07	.4	.17	6.4	.7	<.05	6	1.0
RE MT500E-125N	.9	470.6	63.3	159	3.8	28.5	12.3	690	4.46	1810.4	1.2	37.5	9.2	72	3.8	26.8	21.6	40	1.36	.096	34	32.2	.69	574	.025	2	1.72	.039	.07	.4	.19	6.6	.7	<.05	6	1.0
MT500E-100N	.7	198.1	22.9	89	.7	22.7	18.9	1155	4.22	5822.3	1.8	260.8	7.7	135	.6	20.0	31.3	42	1.30	.068	14	32.1	.81	548	.013	2	2.66	.056	.10	.3	.03	5.2	.3	<.05	9	1.4
MT500E-075N	.9	723.7	14.7	86	1.5	29.2	17.9	649	4.13	1267.4	1.3	259.0	6.6	56	.7	6.2	32.9	37	.94	.069	30	25.1	.62	399	.040	3	2.25	.053	.08	.5	.03	3.4	.2	<.05	7	1.9
MT500E-050N	.7	591.0	11.9	94	1.9	24.6	14.5	644	3.70	939.6	.9	289.1	5.2	42	.6	35.2	41.2	43	1.45	.077	24	27.2	.51	236	.030	3	1.25	.030	.06	.3	.07	4.8	.2	<.05	4	1.0
MT500E-000N	1.0	209.4	12.6	79	.8	29.0	10.8	679	3.83	635.0	1.3	117.4	6.4	40	.7	17.5	7.7	61	1.83	.080	26	32.2	1.20	368	.052	2	1.71	.020	.08	.4	.04	5.2	.3	<.05	5	.9
MT600E-700N	.4	58.8	14.0	61	.3	19.8	8.8	258	2.37	1324.9	1.9	10.9	5.0	78	.5	5.2	6.5	36	1.00	.064	23	25.8	.45	287	.047	2	1.66	.043	.09	.5	.03	3.3	.2	.08	5	.8
MT600E-675N	.5	32.6	19.2	70	.2	21.5	7.9	247	2.14	507.8	1.7	22.1	5.3	57	.3	5.5	2.3	34	.68	.047	22	22.6	.47	209	.037	3	1.76	.037	.07	.5	.03	2.8	.1	<.05	5	.6
MT600E-650N	.8	43.2	27.1	77	.4	23.9	10.5	442	2.40	415.8	1.8	29.0	3.3	55	.7	3.9	2.7	40	.97	.068	25	25.3	.50	264	.028	2	1.91	.036	.06	.4	.05	2.9	.2	<.05	6	1.0
MT600E-625N	.6	40.8	22.7	67	.3	22.7	8.8	370	1.87	383.0	.9	17.2	4.1	105	.9	3.1	4.2	29	2.18	.065	22	18.9	.39	265	.027	4	1.97	.120	.06	.8	.03	2.3	.1	<.05	5	.8
MT600E-600N	.6	46.3	19.9	65	.4	24.3	11.0	391	2.18	269.5	1.1	22.4	3.8	90	.6	4.5	3.5	35	1.64	.067	25	24.5	.52	252	.038	4	1.92	.088	.10	.8	.05	2.7	.2	<.05	6	.7
MT600E-575N	.7	207.5	18.4	71	1.3	24.0	13.0	430	2.89	3271.4	2.1	52.0	4.9	61	.7	11.8	12.7	35	.88	.071	30	22.6	.48	275	.029	2	1.62	.040	.07	.7	.05	2.8	.2	<.05	5	.9
MT600E-550N	1.3	62.6	18.6	66	.3	20.4	8.7	308	2.55	889.9	2.5	24.1	5.3	27	.3	7.6	4.6	45	.34	.055	29	23.9	.40	238	.028	2	1.63	.012	.06	.3	.03	2.6	.2	<.05	5	.7
STANDARD DS5	13.2	148.0	24.0	137	.3	25.1	12.4	768	2.84	17.2	6.2	38.0	2.8	46	5.1	3.6	6.1	60	.70	.085	13	182.0	.65	130	.101	18	2.03	.033	.13	5.2	.15	3.3	1.2	<.05	6	4.7

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
MT100E-425S	1.4	31.9	10.1	84	.2	23.7	8.8	334	2.31	87.2	4.6	5.2	4.2	30	.4	3.7	.7	50	.43	.070	21	27.9	.55	337	.054	1	1.46	.015	.07	.5	.05	3.7	.2<.05	4	.6
MT100E-450S	1.6	25.4	9.3	94	.2	20.9	8.4	349	2.21	88.5	4.6	5.6	2.4	30	.4	2.4	.7	50	.50	.067	18	26.9	.55	270	.044	1	1.50	.011	.05	.7	.04	3.0	.1<.05	4	.8
MT200E-300N	.6	50.3	12.4	65	.2	22.2	9.7	233	2.30	24.0	.8	10.6	6.3	37	.4	1.2	1.6	45	.58	.075	19	27.8	.47	227	.055	1	1.65	.025	.06	.5	.04	3.9	.1<.05	5	.5
MT200E-275N	.6	57.6	18.8	85	.4	25.6	8.1	211	2.66	44.5	.8	7.9	7.1	39	.3	4.4	2.1	57	.56	.082	22	36.6	.54	310	.070	1	2.17	.024	.06	.4	.05	5.1	.2<.05	6	<.5
MT200E-250N	1.3	47.1	13.8	75	.3	24.9	8.3	246	2.36	47.0	1.4	6.4	5.7	27	.7	7.1	1.6	60	.36	.080	21	35.7	.71	274	.078	2	1.62	.010	.17	.3	.05	4.4	.4<.05	5	<.5
MT200E-225N	1.1	58.9	17.7	69	.6	20.8	9.2	251	2.42	94.9	1.0	13.7	5.2	21	1.2	9.6	3.4	50	.26	.069	20	26.4	.55	184	.055	1	1.47	.009	.09	.3	.05	3.4	.3<.05	5	.7
MT200E-200N	1.9	134.9	19.3	86	.8	27.3	10.9	384	2.48	105.5	2.3	23.8	5.3	37	.7	5.3	4.7	67	.43	.103	20	29.1	.83	279	.072	2	1.94	.029	.13	1.0	.02	3.6	.2<.05	6	1.0
MT200E-175N	2.0	123.3	18.8	102	.8	32.4	14.1	349	2.66	192.9	2.4	112.9	3.8	54	1.0	2.8	13.2	66	.40	.112	16	27.7	.74	164	.053	2	2.28	.033	.14	1.4	.10	2.8	.2 .08	6	1.8
MT200E-150N	1.3	143.0	33.2	94	1.6	27.1	12.5	417	2.69	348.4	1.8	35.8	3.7	36	1.1	4.8	9.7	48	.47	.079	19	27.0	.60	163	.040	2	1.77	.026	.06	.8	.07	3.2	.2<.05	5	1.1
MT200E-125N	1.0	172.1	40.3	99	2.7	25.0	11.4	388	2.82	464.2	1.8	123.7	4.1	33	1.8	7.6	26.9	41	.45	.062	23	27.9	.57	166	.032	1	1.63	.022	.06	.7	.05	3.4	.2<.05	5	.9
MT200E-100N	.7	59.2	154.2	204	1.1	19.3	7.9	514	2.33	188.3	.8	3.7	3.7	55	4.0	4.3	3.7	32	1.01	.059	19	20.0	.40	128	.032	9	1.61	.035	.05	.6	.05	2.8	.2<.05	4	.6
MT300E-450N	.5	18.5	12.3	54	.1	17.7	7.4	412	1.90	20.6	.8	13.3	5.5	71	.5	1.2	.4	36	1.03	.089	20	20.9	.40	170	.040	3	1.25	.067	.05	1.1	.06	2.2	.1<.05	4	.5
MT300E-400N	.5	14.6	7.9	49	.1	16.1	6.6	281	1.67	15.3	.7	.6	4.4	39	.3	1.0	.2	32	.65	.077	17	16.2	.34	144	.037	2	.80	.029	.04	.6	.03	1.7	.1<.05	2	<.5
MT300E-350N	.3	36.4	14.3	68	.2	23.6	9.3	290	2.20	26.6	.7	6.3	5.6	34	.3	1.2	1.4	44	.52	.070	19	29.2	.49	231	.053	2	1.83	.022	.06	.3	.04	3.9	.1<.05	5	<.5
RE MT300E-350N	.3	36.3	14.2	66	.2	23.6	9.2	292	2.19	26.5	.7	10.1	5.7	33	.3	1.1	1.4	46	.53	.069	19	29.0	.49	231	.054	1	1.81	.023	.06	.4	.01	4.0	.1<.05	5	<.5
MT300E-300N	1.5	47.5	22.6	75	.5	17.0	9.8	994	2.01	72.2	1.7	10.0	1.9	32	1.0	16.1	2.4	55	.54	.108	18	37.2	.60	213	.044	2	1.66	.017	.08	.5	.06	2.9	.3 .06	6	.9
MT300E-250N	.8	52.0	22.8	66	.4	19.4	7.4	256	2.08	118.8	1.0	15.6	6.8	51	.7	5.2	2.3	37	.68	.098	22	21.4	.40	148	.047	3	1.09	.041	.05	1.5	.05	2.8	.1<.05	3	<.5
MT300E-230N	.5	83.8	37.7	118	.5	31.2	9.9	607	3.33	70.1	.7	9.0	7.3	163	1.1	25.1	2.4	39	5.23	.077	28	30.9	1.68	214	.006	2	1.42	.014	.17	.1	.01	7.4	.2<.05	6	<.5
MT300E-225N	.7	47.9	20.2	67	.3	20.9	8.4	340	2.24	125.1	1.1	16.7	5.1	69	.5	3.4	3.7	38	1.03	.079	21	23.1	.58	191	.059	3	1.62	.064	.07	1.5	.05	2.7	.2<.05	4	.6
MT300E-200N	.9	43.6	21.5	73	.4	21.3	8.6	366	2.57	144.0	1.2	10.5	6.4	63	.6	5.4	2.6	48	.95	.082	24	28.1	1.00	290	.083	3	1.76	.059	.31	1.2	.05	3.2	.3<.05	5	<.5
MT300E-175N	.5	72.2	51.9	81	1.4	17.6	7.9	373	2.14	303.6	1.3	11.5	4.6	75	1.2	11.9	8.0	32	1.24	.079	19	22.4	.40	167	.038	6	1.39	.065	.05	.7	.06	2.6	.1<.05	4	.6
MT300E-150N	.6	109.1	167.4	144	2.8	18.7	7.5	514	2.18	128.9	.7	5.5	3.6	68	2.9	5.1	10.7	28	.92	.046	18	17.3	.39	150	.027	4	1.42	.057	.05	.5	.06	2.4	.2<.05	4	.6
MT300E-125N	1.0	21.1	41.4	67	.3	14.8	6.7	446	1.95	66.9	.6	7.9	2.4	84	1.1	1.5	1.8	54	1.78	.049	18	21.6	.42	154	.052	3	1.66	.052	.06	.3	.06	2.2	.1<.05	7	.6
MT300E-100N	.4	745.8	183.5	119	29.7	16.5	9.0	290	7.86	>10000	.7	65.2	6.9	150	5.4	68.8	210.8	28	3.97	.069	19	23.3	.41	378	.007	4	1.75	.033	.21	.3	.08	4.5	.6 .57	6	2.4
MT400E-500N	.8	43.8	13.0	92	.3	21.0	8.9	356	2.14	93.9	1.0	18.2	6.6	71	.7	2.5	4.9	54	.87	.086	25	27.0	.74	254	.072	2	1.72	.055	.14	.6	.04	3.5	.3<.05	5	<.5
MT400E-450N	.4	42.8	13.8	76	.2	23.7	9.5	190	2.05	31.0	.9	25.3	6.2	39	.4	2.0	3.0	56	.63	.080	21	31.4	.59	267	.063	1	1.95	.031	.07	.4	.04	4.1	.2<.05	5	.5
MT400E-400N	.7	26.6	21.8	100	.2	23.3	10.5	1537	2.14	86.7	.9	6.7	3.5	46	.6	2.6	1.5	40	.63	.091	18	25.0	.46	313	.040	2	1.97	.032	.04	.6	.05	2.8	.1<.05	6	<.5
MT400E-350N	.6	38.0	21.9	78	.2	23.9	9.8	367	2.28	78.7	1.2	5.7	6.8	58	.4	3.4	1.1	45	.72	.094	24	27.8	.55	255	.054	3	1.96	.049	.06	.9	.05	3.8	.1<.05	6	<.5
MT400E-300N	.5	52.9	32.7	73	.5	19.3	8.7	392	2.10	195.2	.9	24.2	6.5	151	1.0	13.6	3.9	34	1.87	.099	23	27.8	.77	200	.032	6	2.20	.078	.07	2.3	.05	3.2	.1<.05	7	<.5
MT400E-250N	.5	39.6	31.2	77	.3	19.3	8.0	273	2.06	117.9	.8	10.5	5.5	152	.5	15.4	1.9	33	2.96	.102	21	25.2	.78	180	.023	4	1.86	.053	.05	.9	.05	3.4	.1<.05	6	<.5
MT400E-225N	.4	39.4	38.5	73	.4	15.7	7.4	437	1.38	157.9	.8	3.3	4.3	178	1.0	6.3	.9	18	2.69	.090	17	17.1	.65	162	.018	7	2.34	.103	.06	2.0	.06	2.1	.1<.05	6	<.5
MT400E-200N	.4	24.9	32.9	59	.2	19.8	8.7	347	1.65	20.1	.7	17.0	5.1	138	.7	9.0	1.8	29	3.95	.088	21	23.6	.69	222	.025	4	1.68	.041	.08	.6	.05	3.0	.1<.05	4	<.5
MT400E-175N	.5	19.1	17.7	43	.2	16.9	7.0	396	1.57	28.4	.7	7.7	3.4	101	.3	1.2	.6	26	2.26	.070	18	20.7	.40	147	.035	6	1.88	.072	.05	.5	.07	2.2	.1 .07	5	<.5
MT400E-150N	.5	22.2	53.0	42	.3	19.6	9.6	466	1.63	16.4	.5	15.6	3.5	94	1.0	1.1	.3	22	1.82	.062	24	17.0	.36	154	.023	4	1.93	.085	.04	.4	.07	1.9	.1 .06	4	.5
STANDARD DS5	12.9	139.1	24.3	136	.3	24.5	11.6	769	2.96	18.4	6.0	42.0	2.7	47	5.4	3.7	6.2	61	.71	.088	13	174.6	.67	134	.103	16	2.13	.034	.14	4.9	.17	3.6	1.1<.05	7	5.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
MT15W-1200N	1.1	32.2	9.8	32	.4	25.1	7.7	222	2.45	5.1	1.1	1.1	.4	95	.6	1.0	.2	34	.26	.133	14	27.3	.54	602	.010	1	1.18	.006	.03	.1	.08	1.7	.1	.08	4	1.6
MT15W-1175N	6.4	24.2	16.9	108	.5	45.0	40.3	1182	4.42	10.8	1.3	1.1	1.9	165	.5	2.8	.2	76	.20	.137	20	38.1	.87	521	.021	1	1.47	.014	.04	.1	.06	1.9	.1	<.05	5	1.4
MT000-400N	1.1	634.5	14.3	83	1.6	40.0	43.2	656	3.68	624.5	1.6	377.2	10.1	53	.9	2.8	58.4	40	.76	.070	43	26.9	.38	169	.038	2	1.54	.044	.06	1.0	.04	3.8	.1	<.05	5	3.3
MT000-375N	.9	26.0	15.9	68	.2	24.1	9.7	367	2.19	18.5	.6	5.5	2.6	42	.4	1.0	.5	45	.97	.050	15	25.8	.43	168	.038	2	1.84	.033	.06	.3	.05	2.8	.1	<.05	6	.5
MT000-350N	.7	17.8	13.1	51	.2	23.2	9.8	343	2.33	13.6	.9	5.3	2.7	50	.3	.7	.2	46	1.17	.051	16	30.1	.46	253	.031	2	2.20	.060	.05	.2	.06	3.0	.1	<.05	6	<.5
MT000-325N	.6	22.1	11.7	59	.1	24.1	9.7	519	2.09	13.7	.6	1.2	2.4	71	.3	.9	.2	39	1.76	.066	17	26.2	.45	294	.034	3	1.71	.077	.08	.2	.05	2.7	.1	<.05	5	.8
MT000-300N	.8	23.7	10.6	62	.1	26.0	9.5	436	2.28	13.2	.6	2.9	4.7	41	.3	.9	.2	45	1.00	.053	20	26.3	.47	236	.048	2	1.33	.041	.06	.4	.04	3.1	.1	<.05	4	<.5
MT000-275N	.8	26.6	11.8	62	.2	26.8	11.7	399	2.33	17.7	.7	2.9	5.2	128	.6	1.3	.2	42	3.22	.097	22	26.9	.52	249	.053	4	2.06	.100	.09	.6	.05	2.8	.1	<.05	7	<.5
MT000-250N	1.8	64.7	20.2	255	.4	37.6	16.6	345	2.75	33.7	1.6	9.1	4.5	63	2.8	1.7	.5	45	.95	.059	18	27.4	.64	252	.052	2	1.88	.062	.07	.4	.04	3.5	.2	<.05	6	.8
MT000-200N	.8	39.4	10.9	68	.2	28.6	11.8	356	2.45	27.7	1.4	4.2	5.2	65	.3	1.5	.5	61	.95	.072	20	55.0	.88	292	.080	2	2.40	.078	.12	.3	.03	4.2	.2	<.05	8	.7
MT000E-150S	.7	97.7	14.6	59	.3	23.7	10.2	323	2.43	115.0	.8	7.2	4.8	86	.4	4.9	3.6	40	1.13	.045	23	26.7	.71	197	.037	3	1.84	.049	.07	.7	.03	3.9	.1	<.05	6	1.0
MT000E-175S	.5	107.0	13.4	48	.4	18.3	8.3	303	2.05	55.7	.7	7.5	2.4	102	.4	3.3	3.7	31	1.82	.056	21	23.2	.72	212	.026	3	1.75	.048	.05	1.1	.05	2.8	.1	<.05	6	1.0
MT000E-200S	.6	37.1	16.1	50	.2	19.9	9.7	334	1.91	36.4	.6	10.0	2.8	131	.5	2.7	.6	36	3.56	.045	16	24.4	.86	230	.040	5	1.68	.049	.06	.5	.05	2.7	.2	<.05	6	.6
MT000E-225S	.6	113.3	20.1	58	.5	21.4	9.9	264	2.20	23.3	1.6	4.5	2.5	90	.4	2.6	1.5	40	2.14	.054	22	28.5	.94	245	.041	5	1.95	.053	.07	.9	.07	2.9	.3	.07	7	1.4
MT000E-250S	.4	58.4	12.7	52	.3	16.9	7.8	363	1.55	23.7	1.3	4.9	1.2	96	.5	2.7	.6	30	3.14	.079	14	22.6	.67	252	.024	6	1.44	.037	.05	.2	.08	1.8	.2	.13	5	1.5
MT000E-275S	.5	79.4	17.6	61	.4	20.6	9.5	298	1.87	20.1	2.1	7.6	2.2	90	.4	2.5	.5	43	2.51	.060	17	28.2	.88	231	.039	7	1.81	.049	.06	.3	.06	2.6	.2	.10	6	1.5
MT000E-300S	1.1	72.5	9.7	118	.3	32.9	12.8	327	2.55	13.4	3.2	10.1	4.8	90	.6	1.7	.4	74	1.59	.115	16	33.7	1.31	305	.071	3	2.31	.046	.18	.2	.05	3.8	.2	.06	8	1.3
MT000E-325S	1.8	63.1	8.2	71	.4	23.9	9.6	559	1.92	14.5	3.7	6.4	1.7	96	.3	2.9	.3	68	2.57	.083	11	32.5	1.00	245	.057	5	1.77	.037	.07	.2	.06	2.7	.2	.16	6	2.1
MT000E-350S	2.9	47.4	3.4	33	.3	15.2	7.8	466	1.15	7.8	2.0	3.4	1.0	103	.4	3.3	.2	33	3.41	.081	5	16.1	.40	212	.028	5	.88	.016	.04	.1	.10	1.5	.1	.26	3	1.6
MT000E-375S	2.0	47.5	9.0	76	.3	24.5	11.1	449	2.90	70.4	2.5	4.8	4.0	67	.4	3.7	.6	57	1.54	.087	18	31.2	.80	294	.068	2	1.65	.032	.07	.6	.06	3.4	.2	.08	6	1.5
RE MT000E-375S	2.1	46.1	9.4	78	.3	23.4	11.0	428	2.87	68.7	2.5	10.2	4.1	66	.3	3.5	.6	56	1.47	.084	17	31.6	.77	291	.061	2	1.59	.029	.06	.4	.05	3.4	.2	<.05	5	1.4
MT000E-400S	.9	41.6	9.1	74	.2	19.4	7.9	230	1.97	20.8	2.1	4.7	3.9	45	.2	1.9	.5	45	.91	.068	18	28.1	.73	172	.059	3	1.48	.025	.06	1.0	.06	3.2	.2	<.05	5	1.1
MT000E-425S	1.0	26.6	7.7	60	.1	21.3	7.8	216	2.06	16.1	.9	4.5	5.2	33	.2	1.6	.3	39	.44	.069	17	23.1	.50	166	.055	1	1.13	.019	.07	.5	.03	2.8	.1	<.05	4	<.5
MT000E-450S	1.5	21.3	8.3	77	.1	19.0	8.7	412	2.23	24.3	1.4	1.5	7.8	26	.3	1.6	.3	47	.44	.077	26	29.6	.55	175	.068	1	1.30	.015	.07	.8	.02	3.0	.2	<.05	5	.5
MT100E-300N	.6	76.9	14.5	68	.3	25.6	10.6	419	2.21	56.9	.8	15.4	4.7	78	.5	1.4	2.3	42	1.51	.090	21	31.2	.55	273	.046	3	2.01	.086	.07	.6	.07	3.5	.1	<.05	7	.6
MT100E-275N	.7	40.8	12.2	55	.1	23.7	9.6	291	2.22	26.6	.8	6.3	6.2	54	.4	1.2	1.5	42	.90	.070	18	27.9	.47	265	.046	1	1.71	.068	.06	.5	.05	3.5	.1	<.05	6	<.5
MT100E-250N	.6	30.4	11.8	62	.1	24.3	8.9	312	2.18	15.3	.8	16.3	6.5	53	.4	1.2	.4	47	.96	.088	20	29.2	.50	245	.054	2	1.74	.064	.06	.5	.05	3.7	.1	<.05	6	<.5
MT100E-225N	.8	39.8	12.6	80	.2	29.6	10.5	331	2.61	23.6	.9	5.0	5.6	54	.5	1.4	.6	58	.89	.084	19	34.9	.61	291	.059	2	2.04	.060	.08	.3	.06	4.5	.2	<.05	6	.5
MT100E-200N	.9	33.4	11.9	79	.2	26.4	8.3	276	2.33	23.8	.7	4.4	4.4	36	.4	1.9	1.0	49	.58	.076	16	32.0	.52	284	.045	1	1.83	.027	.07	.3	.03	4.0	.1	<.05	6	<.5
MT100E-300S	.6	141.1	11.7	93	.5	24.4	10.4	306	2.21	28.3	5.4	9.9	4.3	97	.6	2.7	1.3	81	1.98	.071	18	39.2	1.18	205	.086	4	2.15	.065	.09	.6	.07	4.4	.2	.06	7	1.7
MT100E-325S	.4	80.3	12.3	112	.4	24.8	10.6	257	2.21	21.0	1.7	6.9	6.4	85	.5	1.9	1.6	65	1.31	.091	20	35.8	.94	186	.080	2	2.00	.068	.10	.6	.04	4.3	.2	<.05	7	.7
MT100E-350S	.6	86.2	11.1	76	.4	26.6	9.4	463	2.06	30.0	4.2	5.6	3.3	74	.4	3.4	.8	68	1.62	.076	17	35.5	.84	238	.058	4	1.79	.042	.07	.4	.08	3.7	.2	.08	6	1.5
MT100E-375S	.5	51.5	8.7	71	.3	21.6	7.5	273	1.67	24.2	2.5	6.3	3.1	68	.3	1.9	.5	49	1.37	.062	16	27.2	.63	230	.046	4	1.48	.039	.06	.7	.06	2.8	.1	<.05	5	1.2
MT100E-400S	.8	27.8	9.5	65	.2	22.1	8.7	211	1.93	13.7	1.5	3.0	4.8	38	.2	1.4	.6	48	.62	.068	17	30.2	.66	242	.057	1	1.53	.021	.07	.5	.05	3.4	.1	<.05	5	.5
STANDARD DS5	12.7	141.2	26.0	134	.3	25.7	12.0	785	2.91	18.5	6.1	42.0	2.8	48	5.4	3.9	6.1	62	.73	.089	13	183.5	.67	136	.096	16	2.07	.036	.14	5.0	.18	3.5	1.1	<.05	7	5.1

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Ryanwood Exploration Inc. File # A405756 Page 1

Box 213, Dawson City YT Y0B 1G0

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	1.2	3.0	1.9	46	<.1	5.1	4.2	573	1.99	<.5	1.7	.8	4.0	77	<.1	<.1	.2	41	.50	.082	7	13.5	.61	244	.124	1	.93	.087	.54	1.3	<.01	2.7	.4	<.05	5	<.5
MT400W-550S	1.1	19.9	9.9	62	.1	19.9	8.9	410	2.20	23.1	2.9	2.5	8.6	19	.2	1.2	.4	42	.21	.074	25	28.4	.49	257	.056	1	1.32	.008	.09	.8	.03	2.9	.2	<.05	4	<.5
MT400W-575S	1.0	18.5	9.8	63	.2	18.4	8.6	429	2.20	23.3	2.6	4.2	8.6	21	.3	1.2	.5	44	.26	.079	26	29.2	.49	247	.073	2	1.19	.009	.09	1.4	.02	2.8	.2	<.05	4	<.5
MT400W-600S	1.4	18.2	11.4	61	.2	17.7	7.2	226	2.44	35.2	3.0	6.1	2.5	22	.1	1.4	.7	51	.21	.071	23	34.0	.51	269	.049	2	1.61	.010	.09	.5	.03	2.5	.3	<.05	6	.8
MT400W-625S	.8	14.8	9.0	51	.1	15.0	5.6	179	1.94	24.7	1.9	8.8	2.8	15	.1	1.2	.4	42	.17	.069	20	25.9	.42	146	.045	2	1.22	.008	.07	.5	.02	1.9	.2	<.05	5	.6
MT400W-650S	1.0	16.1	9.8	56	.1	15.5	6.1	222	2.19	26.9	1.6	10.3	2.9	18	.1	1.2	.4	44	.19	.069	18	27.9	.45	146	.039	2	1.27	.007	.07	.6	.03	1.8	.2	<.05	4	<.5
MT300W-600S	1.0	17.7	10.3	64	.2	17.6	8.0	317	2.28	31.9	4.9	11.1	10.1	20	.2	1.6	.6	48	.26	.080	33	33.8	.52	216	.084	1	1.41	.009	.14	1.6	.03	3.0	.3	<.05	5	<.5
MT300W-625S	1.0	18.8	9.4	62	.1	18.9	7.4	321	2.15	26.6	3.4	8.1	5.7	23	.2	1.1	.5	43	.25	.072	26	29.0	.46	271	.053	1	1.29	.009	.10	.6	.04	2.7	.2	<.05	5	.5
MT300W-650S	1.0	21.4	9.3	66	.1	20.3	8.3	401	2.23	31.9	4.5	9.3	8.0	23	.3	1.3	.5	44	.25	.069	26	28.5	.47	234	.065	1	1.23	.009	.11	.9	.02	3.0	.2	<.05	5	.6
MT16W-1450N	1.9	34.1	20.7	140	.6	36.4	12.6	296	2.56	20.9	2.9	4.3	7.4	58	.7	3.4	.6	54	.53	.094	30	35.8	.73	287	.056	2	1.50	.018	.11	.4	.06	4.2	.2	<.05	5	.8
MT16W-1400N	2.1	40.6	9.4	99	.4	44.8	20.2	1310	3.65	7.8	1.1	2.8	2.1	70	.5	2.6	.1	51	.37	.128	22	33.1	.72	352	.007	1	1.71	.007	.03	.1	.08	3.7	.1	.06	5	.7
MT16W-1300N	3.9	47.2	9.9	97	.5	37.9	20.3	702	2.80	6.3	1.5	1.1	2.2	89	.8	1.7	.1	50	.26	.104	19	29.6	.62	381	.015	1	1.40	.012	.03	.1	.10	3.0	.1	<.05	4	1.0
MT16W-1250N	1.4	30.5	7.9	70	.3	29.0	16.7	516	2.49	5.6	1.0	2.8	2.5	66	.4	.9	.1	44	.25	.095	16	28.6	.63	436	.017	1	1.28	.007	.03	.2	.05	2.5	.1	<.05	4	1.0
MT16W-1200N	1.9	35.1	8.5	65	.3	28.0	13.8	285	2.70	6.0	1.0	1.4	2.0	79	.5	1.1	.1	48	.28	.106	16	29.9	.65	681	.012	<1	1.38	.008	.03	.1	.06	3.0	.1	<.05	4	1.1
MT16W-1150N	2.2	35.7	9.3	90	.4	39.4	19.3	743	2.55	4.5	1.1	.6	1.3	88	.8	1.2	.1	44	.37	.121	17	37.5	.65	1189	.013	1	1.43	.009	.04	.1	.10	2.9	.1	.07	4	.8
MT16W-1100N	1.5	24.0	20.0	83	.4	35.0	12.0	328	2.37	9.3	.9	.9	1.8	89	.6	4.7	.3	40	.35	.109	16	32.6	.52	1157	.015	1	1.18	.009	.04	.2	.06	2.4	.1	.07	4	1.2
MT16W-1050N	1.8	46.3	20.0	96	.5	49.2	18.8	906	2.78	14.4	1.7	2.9	1.6	119	.8	3.9	.2	45	.64	.126	20	39.3	.56	2232	.016	1	1.47	.011	.06	.2	.06	3.1	.1	.08	4	1.0
RE MT16W-1050N	1.7	44.8	19.9	91	.5	46.8	18.1	884	2.72	13.9	1.7	3.0	1.6	114	.9	3.9	.2	44	.63	.123	19	38.2	.55	2159	.014	1	1.40	.011	.06	.1	.06	2.9	.1	.08	4	1.2
MT16W-1000N	4.1	26.0	12.9	94	.4	37.0	10.7	189	2.63	11.7	2.4	1.3	3.0	111	.3	2.0	.2	44	.29	.103	16	26.6	.58	849	.008	1	1.20	.005	.05	.1	.08	2.5	.1	<.05	4	1.1
MT16W-950N	3.1	39.4	31.6	290	.4	101.9	32.7	1081	3.80	14.3	4.7	2.9	3.8	85	.9	6.2	.4	51	.21	.130	25	36.7	.44	803	.026	1	1.39	.009	.08	.2	.05	3.6	.2	<.05	4	.9
MT16W-900N	2.9	15.4	14.6	58	.3	14.5	3.8	93	1.72	9.6	1.1	2.8	2.7	36	.2	1.6	.2	45	.21	.086	17	22.2	.57	438	.010	1	1.13	.005	.09	.1	.07	2.2	.2	<.05	4	.8
MT16W-850N	3.3	43.0	17.0	77	.4	30.3	9.6	737	2.01	5.3	2.0	3.8	3.4	35	.5	2.9	.2	45	.55	.062	18	25.1	1.40	348	.020	3	1.37	.006	.14	.1	.05	3.1	.3	<.05	4	1.2
MT16W-800N	2.6	39.4	72.3	180	.4	27.8	8.0	248	2.05	71.4	1.4	5.4	4.9	27	1.3	12.2	.2	37	.37	.051	19	24.2	1.52	249	.023	2	1.37	.005	.13	.1	.05	3.2	.2	<.05	4	.8
MT16W-750N	2.6	37.6	32.4	96	.4	28.2	9.9	442	2.18	6.8	1.6	4.6	3.4	37	.5	2.7	.2	31	.60	.057	18	22.1	1.12	263	.016	2	1.24	.007	.11	.1	.03	3.3	.2	<.05	3	.7
MT16W-700N	8.1	45.2	22.1	123	.5	43.4	9.3	326	2.34	7.1	2.2	5.0	6.1	45	.4	2.4	.2	74	.48	.084	25	32.8	1.90	306	.030	5	1.61	.006	.27	.1	.02	3.6	.3	<.05	5	1.1
MT16W-650N	4.0	31.1	13.8	81	.3	30.2	7.4	220	2.03	6.7	1.0	2.9	4.0	19	.3	1.3	.2	38	.25	.042	18	22.5	.77	197	.030	3	1.12	.007	.16	.1	.02	2.6	.2	<.05	4	<.5
MT16W-600N	1.9	128.7	27.3	90	.2	33.2	17.1	478	5.18	20.2	.7	3.4	4.1	5	.2	3.7	.4	16	.04	.036	17	17.3	.78	97	.010	1	1.03	.004	.10	.1	.07	2.3	.1	<.05	3	.6
MT16W-550N	8.2	49.2	48.2	78	1.1	22.6	3.8	141	2.48	25.2	3.6	4.8	3.3	208	1.1	14.6	.3	40	.12	.188	26	23.5	.22	490	.012	1	.82	.013	.19	.1	.02	2.2	.4	.33	2	4.1
MT16W-500N	1.1	14.7	68.6	78	.3	16.5	6.9	275	2.38	17.8	1.1	2.2	4.0	15	.2	2.2	.4	44	.16	.048	22	26.5	.43	229	.030	<1	1.39	.006	.05	.2	.04	2.6	.1	<.05	4	<.5
MT16W-450N	1.4	36.5	15.8	83	.2	24.3	8.5	439	2.25	3.7	.9	3.7	6.1	94	.3	1.5	.2	26	.79	.276	30	24.9	1.95	198	.023	2	1.46	.005	.20	<.1	.03	4.4	.2	<.05	5	<.5
MT16W-400N	5.1	38.3	26.0	53	.5	41.2	21.0	391	4.59	14.2	1.1	2.8	2.4	66	.4	5.0	.1	82	.16	.130	19	42.8	.98	346	.018	1	1.65	.013	.04	.1	.02	2.9	.1	.10	5	1.2
MT15W-1300N	1.0	28.8	10.2	65	.2	19.1	8.0	375	2.16	72.2	3.4	3.8	7.3	51	.3	3.1	.7	44	.63	.087	25	28.8	.64	230	.061	2	1.27	.037	.12	1.7	.02	2.8	.2	<.05	5	.5
MT15W-1275N	6.0	58.4	9.3	124	.5	44.9	22.4	647	4.41	12.3	1.9	1.6	2.6	119	1.2	2.8	.2	53	.30	.121	17	28.6	.62	388	.023	1	1.26	.025	.04	.1	.07	2.6	.1	.15	4	1.6
MT15W-1250N	3.0	38.9	11.6	95	.5	42.8	24.4	778	3.41	7.7	1.5	1.0	2.4	110	.5	1.6	.2	52	.28	.122	19	31.8	.75	436	.019	1	1.35	.013	.04	.1	.05	2.5	.1	.08	4	1.3
MT15W-1225N	2.9	36.5	10.6	70	.6	32.3	10.9	237	2.81	5.5	1.2	1.1	.6	97	.6	1.2	.1	45	.20	.137	16	31.4	.63	322	.010	1	1.25	.017	.03	.1	.06	1.6	.1	.10	4	1.0
STANDARD DS5	12.5	144.4	25.3	138	.3	25.1	11.9	792	3.01	17.9	5.9	40.6	2.7	46	5.4	3.7	5.8	62	.72	.093	12	188.2	.68	133	.090	18	1.94	.033	.14	4.9	.16	3.4	1.0	<.05	6	4.9

GROUP 1DX - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data d FA ____ DATE RECEIVED: SEP 21 2004 DATE REPORT MAILED: Oct 15/04

BRITISH COLUMBIA CERTIFIED ASSAYER Clarence Leong