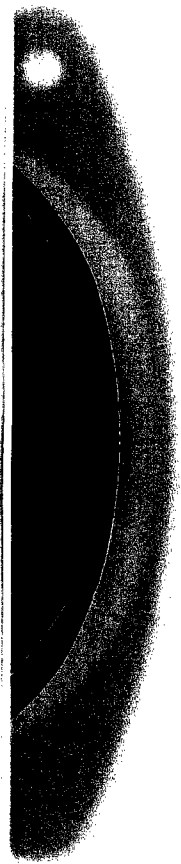


YEIP
04-044
2004



MAYO REGIONAL SOIL SURVEY REPORT

YMIP 04-044

MAY CREEK AREA

NTS # 115 P \ 15

KEYSTONE CREEK AREA

NTS # 105 M \ 14

MAYO MINING DISTRICT

AUTHOR OF REPORT SHAWN RYAN

WORK PERFORMED JULY 11, 2004 - SEPTEMBER 14, 2004

DATE OF REPORT JANUARY 25, 2005

TABLE OF CONTENT

Summary	p.3
1.0 INTRODUCTION	p.3
2.0 PROJECT LOCATION	p.3
3.0 ACCESS	p.3
4.0 EXPLORATION TARGET	p.4
5.0 GEOLOGY	p.4
6.0 WORK PERFORMED / METHODS	p.5
7.0 INTERPRETATION	p.5
8.0 RECOMMENDATION	p.5
May Creek Gold Map	Figure 1
May Creek Arsenic Map	Figure 2
May Creek Zinc Map	Figure 3
May Creek Lead Map	Figure 4
Keystone Arsenic Map	Figure 5
Keystone Molybdenum Map	Figure 6
Keystone Antimony Map	Figure 7
Keystone Gold Map	Figure 8
GPS Soil Sample Location Numbers	Appendix
Assay Certificates	Appendix

MAYO REGIONAL FOCUS PROJECT

SUMMARY

The Mayo Regional Focus Program had 11 man days of work collecting 322 soils. The soils targeted carbonaceous contact areas. The program was successful in identifying two areas that are anomalous in gold, arsenic and antimony. There is also two areas that are anomalous in zinc, lead and silver.

1.0 INTRODUCTION

The Mayo Regional soil program was undertaken to find anomalous gold, arsenic and antimony areas in carbonaceous horizon. The program was successful in sampling 6 different ridges. Two areas should be followed up for gold type targets and two base metal targets should also be followed up.

2.0 PROJECT LOCATION

The Mayo Regional Project location is focusing on two areas, one is area is between Vancouver Creek and Sunshine Creek and the second area is north of Mayo Lake around Keystone Creek. Both areas are located in the Mayo Mining District on claim sheet and NTS map number 115 P/15 and 105 M/14. Area one coordinates are centered on 63° 47' N and 136°45' W and the second area is centered on 63°49' N and 135°12' W.

3.0 ACCESS

The Mayo Regional Project is access via helicopter from the Mayo base. The May Creek area is located 45 kilometer north west and the Keystone Creek area is 40 kilometer north east.

4.0 EXPLORATION TARGET

DEPOSIT TYPE

The model deposit being used is skarn to cal-silicate gold, arsenic, bismuth and copper mineralization found in carbonaceous phyllite of the Hyland Group. This model is presently the most sought after gold target in the Mayo area with StrattaGold and Spectrum both drilling the Aurex and McQuesten Property.

5.0 REGIONAL GEOLOGY

The area has being mapped by YTG geologist Don Murphy. Don indicates that the area between Vancouver Creek and Sunshine Creek is sitting in Upper Proterozoic-Lower Cambrian, Hyland Group with Tombstone intrusion and McQuesten Intrusion coming up in the Western and eastern part of the project area. Don personal field geology map also indicates a distinct carbonaceous horizon located in the Hyland Group.

The Keystone Creek area is also sitting in the Hyland Group. Don published Geological map of Keno Hill area, Yukon (105 M/14), geoscience Map 1996-5. Indicates a carbonaceous phyllite member running south-east from the headwaters of Parent Creek and heading right down the Keystone Creek Drainage and working it's way to Mayo Lake. This horizon is key to skarn or cal-silicate mineralization to form. Don map also indicate that that the Keystone Creek target is sitting in the Hanging wall of the Robert Service thrust fault, which is paralleling the carbonaceous horizon by about three kilometers to the northeast.

6.0 WORK PERFORMED / METHODS

Soil Work

Soil where taken at 100 meters intervals using one-meter soil augers. Soil sample where taken at an average depth of 50-70 centimeters. All sample where placed in kraft soil bags. Exact position location where define using Garmin GPS. All GPS location where downloaded nightly onto field computers.

Soil location where marked in the field with an orange flagging with sample number.

Sample where air dried in Dawson City and then sent to Acme Labs in Vancouver. Sample where processed at minus 80 mesh and analysis was 1DX-MS for 35 elements.

7.0 INTERPRETATION

SOIL SURVEY

The soil survey has revealed four soil anomalies that are anomalous in gold and arsenic. Two of these areas are also anomalous in antimony. The soil survey also revealed two areas that are anomalous in zinc, lead and silver.

8.0 RECOMMENDATION

I would recommend follow up work on all six targets with detail soil grids on 50 meter station spacing.

Mayo Regional 2004 Soil Survey GPS Sample Location

Keystone Creek Area

GPS ID	Datum	Easting	Northing	Date and Time	Elevation
KEYC-S01	NAD83-8V	488488	7079172	14-SEP-04 12:43	1647.7
KEYC-S02	NAD83-8V	488416	7079103	14-SEP-04 12:56	1623.7
KEYC-S03	NAD83-8V	488345	7079029	14-SEP-04 13:05	1573.7
KEYC-S04	NAD83-8V	488279	7078962	14-SEP-04 13:14	1550.8
KEYC-S05	NAD83-8V	488327	7078874	14-SEP-04 13:24	1516.4
KEYC-S06	NAD83-8V	488358	7078781	14-SEP-04 13:36	1467.6
KEYC-S07	NAD83-8V	488376	7078681	14-SEP-04 13:45	1433.5
KEYC-S08	NAD83-8V	488432	7078584	14-SEP-04 13:53	1397.5
KEYC-S09	NAD83-8V	488458	7078488	14-SEP-04 14:02	1366.7
KEYC-S10	NAD83-8V	488499	7078397	14-SEP-04 14:12	1348.7
KEYC-S11	NAD83-8V	488564	7078324	14-SEP-04 14:22	1325.3
KEYC-S12	NAD83-8V	488665	7078311	14-SEP-04 14:31	1296
KEYC-S13	NAD83-8V	488744	7078254	14-SEP-04 14:41	1276.2
KEYC-S14	NAD83-8V	488840	7078221	14-SEP-04 14:50	1249.4
KEYC-S15	NAD83-8V	488903	7078134	14-SEP-04 14:59	1236
KEYC-S16	NAD83-8V	489001	7078109	14-SEP-04 15:09	1228
KEYC-S17	NAD83-8V	489093	7078052	14-SEP-04 15:19	1200.9
KEYC-S18	NAD83-8V	489185	7078006	14-SEP-04 15:30	1182
KEYC-S19	NAD83-8V	489286	7077976	14-SEP-04 15:38	1161.9
KEYC-S20	NAD83-8V	489360	7077909	14-SEP-04 15:48	1150.3
KEYC-S21	NAD83-8V	489423	7077818	14-SEP-04 15:57	1140.6
KEYC-S22	NAD83-8V	489458	7077717	14-SEP-04 16:05	1116.8
KEYC-S23	NAD83-8V	489504	7077625	14-SEP-04 16:15	1100.9
KEYC-S24	NAD83-8V	489546	7077533	14-SEP-04 16:28	1077.8
KEYC-S25	NAD83-8V	489607	7077455	14-SEP-04 16:39	1062.8
KEYC-S26	NAD83-8V	489688	7077394	14-SEP-04 16:46	1046.1
KEYB-S01	NAD83-8V	487949	7078682	14-SEP-04 12:51	1632.5
KEYB-S02	NAD83-8V	487968	7078609	14-SEP-04 13:03	1615.4
KEYB-S03	NAD83-8V	487977	7078509	14-SEP-04 13:14	1594.1
KEYB-S04	NAD83-8V	487987	7078411	14-SEP-04 13:23	1578.9
KEYB-S05	NAD83-8V	487994	7078312	14-SEP-04 13:30	1592.3
KEYB-S06	NAD83-8V	488006	7078196	14-SEP-04 13:41	1630.4
KEYB-S07	NAD83-8V	488016	7078097	14-SEP-04 13:54	1657.5
KEYB-S08	NAD83-8V	488022	7078003	14-SEP-04 14:08	1682.8
KEYB-S09	NAD83-8V	488028	7077890	14-SEP-04 14:15	1662.1
KEYB-S10	NAD83-8V	488038	7077792	14-SEP-04 14:25	1662.4
KEYB-S11	NAD83-8V	488042	7077687	14-SEP-04 14:33	1670.3
KEYB-S12	NAD83-8V	488044	7077594	14-SEP-04 14:41	1666
KEYB-S13	NAD83-8V	488051	7077486	14-SEP-04 14:50	1682.8
KEYB-S14	NAD83-8V	488061	7077393	14-SEP-04 14:59	1691.3
KEYB-S15	NAD83-8V	488112	7077376	14-SEP-04 15:08	1694.7
KEYB-S16	NAD83-8V	488204	7077345	14-SEP-04 15:16	1667.6
KEYB-S17	NAD83-8V	488298	7077318	14-SEP-04 15:24	1644.1
KEYB-S18	NAD83-8V	488393	7077284	14-SEP-04 15:33	1627.3

KEYB-S19	NAD83-8V	488493	7077256	14-SEP-04 15:43	1571.5
KEYB-S20	NAD83-8V	488577	7077232	14-SEP-04 15:57	1532.8
KEYB-S21	NAD83-8V	488674	7077196	14-SEP-04 16:03	1485.9
KEYB-S22	NAD83-8V	488782	7077163	14-SEP-04 16:13	1454.5
KEYB-S23	NAD83-8V	488838	7077114	14-SEP-04 16:22	1421.9
KEYB-S24	NAD83-8V	488920	7077055	14-SEP-04 16:30	1397.5
KEYB-S25	NAD83-8V	489010	7076996	14-SEP-04 16:38	1359.7
KEYB-S26	NAD83-8V	489080	7076935	14-SEP-04 16:47	1338.4
KEYB-S27	NAD83-8V	489165	7076876	14-SEP-04 16:55	1303.3
KEYB-S28	NAD83-8V	489240	7076813	14-SEP-04 17:04	1277.1
KEYB-S29	NAD83-8V	489305	7076715	14-SEP-04 17:16	1260
KEYB-S30	NAD83-8V	489360	7076638	14-SEP-04 17:26	1244.5
KEYA-01	NAD83-8V	488070	7077827	14-SEP-04 12:58	1677
KEYA-02	NAD83-8V	488186	7077865	14-SEP-04 13:16	1617
KEYA-03	NAD83-8V	488285	7077884	14-SEP-04 13:31	1536.2
KEYA-04	NAD83-8V	488386	7077902	14-SEP-04 13:41	1484.4
KEYA-05	NAD83-8V	488483	7077930	14-SEP-04 13:48	1440.8
KEYA-06	NAD83-8V	488573	7077954	14-SEP-04 13:57	1362.8
KEYA-07	NAD83-8V	488677	7077984	14-SEP-04 14:06	1325.6
KEYA-08	NAD83-8V	488774	7078007	14-SEP-04 14:16	1282.3
KEYA-09	NAD83-8V	488863	7078024	14-SEP-04 14:25	1239.9
KEYA-10	NAD83-8V	488946	7077971	14-SEP-04 14:35	1229
KEYA-11	NAD83-8V	489017	7077908	14-SEP-04 14:45	1207.3
KEYA-12	NAD83-8V	489141	7077846	14-SEP-04 14:54	1186.3
KEYA-13	NAD83-8V	489214	7077779	14-SEP-04 15:04	1185.1
KEYA-14	NAD83-8V	489119	7077720	14-SEP-04 15:15	1242.1
KEYA-15	NAD83-8V	489036	7077675	14-SEP-04 15:28	1279.2
KEYA-16	NAD83-8V	488930	7077624	14-SEP-04 15:41	1331.7
KEYA-17	NAD83-8V	488842	7077601	14-SEP-04 15:53	1368.9
KEYA-18	NAD83-8V	488749	7077548	14-SEP-04 16:08	1425.5
KEYA-19	NAD83-8V	488684	7077485	14-SEP-04 16:20	1471
KEYA-20	NAD83-8V	488598	7077420	14-SEP-04 16:36	1532.2
KEYA-21	NAD83-8V	488525	7077364	14-SEP-04 16:53	1591.4
KEYA-22	NAD83-8V	488421	7077314	14-SEP-04 17:05	1622.1

Mayo Regional 2004 Soil Survey GPS Sample Location

Sample ID	Nad-Zone	Easting	Northing	Elevation
MREJT-000	Nad 83-8V	420518	7077836	1523.7
MREJT-100	Nad 83-8V	420450	7077908	1524.3
MREJT-1000	Nad 83-8V	419967	7077811	1523.7
MREJT-1100	Nad 83-8V	419916	7077726	1523.7
MREJT-1200	Nad 83-8V	419911	7077625	1523.7
MREJT-1300	Nad 83-8V	419860	7077539	1523.7
MREJT-1400	Nad 83-8V	419826	7077443	1523.7
MREJT-1500	Nad 83-8V	419853	7077347	1523.7
MREJT-1600	Nad 83-8V	419901	7077260	1523.7
MREJT-1700	Nad 83-8V	419939	7077168	1523.7
MREJT-1800	Nad 83-8V	419914	7077070	1511.8
MREJT-1900	Nad 83-8V	419894	7076973	1506.6
MREJT-200	Nad 83-8V	420434	7078007	1524
MREJT-2000	Nad 83-8V	419829	7076896	1496
MREJT-2100	Nad 83-8V	419727	7076892	1462.4
MREJT-2200	Nad 83-8V	419628	7076913	1439.6
MREJT-2300	Nad 83-8V	419529	7076902	1421.6
MREJT-2400	Nad 83-8V	419489	7076810	1415.5
MREJT-2500	Nad 83-8V	419457	7076715	1402.7
MREJT-2600	Nad 83-8V	419421	7076621	1388.1
MREJT-2700	Nad 83-8V	419382	7076525	1372.5
MREJT-2800	Nad 83-8V	419349	7076435	1348.1
MREJT-2900	Nad 83-8V	419297	7076347	1309.7
MREJT-300	Nad 83-8V	420392	7078098	1523.7
MREJT-3000	Nad 83-8V	419250	7076257	1302.1
MREJT-3100	Nad 83-8V	419197	7076173	1314.9
MREJT-3200	Nad 83-8V	419152	7076082	1314
MREJT-3300	Nad 83-8V	419099	7075995	1324.1
MREJT-400	Nad 83-8V	420351	7078189	1523.7
MREJT-500	Nad 83-8V	420251	7078190	1523.7
MREJT-600	Nad 83-8V	420164	7078139	1524
MREJT-700	Nad 83-8V	420081	7078080	1523.7
MREJT-800	Nad 83-8V	420038	7077989	1524
MREJT-900	Nad 83-8V	420032	7077888	1523.7
MRIF-000	Nad 83-8V	405339	7073041	1523.4
MRIF-100	Nad 83-8V	405255	7072983	1552
MRIF-1000	Nad 83-8V	404468	7072370	1506.6
MRIF-1100	Nad 83-8V	404416	7072282	1500.8
MRIF-1200	Nad 83-8V	404369	7072193	1492.3
MRIF-1300	Nad 83-8V	404282	7072145	1495.3
MRIF-1400	Nad 83-8V	404181	7072147	1494.7
MRIF-1500	Nad 83-8V	404086	7072183	1499.3
MRIF-1600	Nad 83-8V	404024	7072255	1503.3
MRIF-1700	Nad 83-8V	403992	7072352	1496.3
MRIF-1800	Nad 83-8V	403993	7072454	1501.4
MRIF-1900	Nad 83-8V	404062	7072523	1502.7

MRIF-200	Nad 83-8V	405183	7072912	1569.7
MRIF-2000	Nad 83-8V	404142	7072587	1495.3
MRIF-2100	Nad 83-8V	404209	7072663	1493.2
MRIF-2200	Nad 83-8V	404251	7072758	1496
MRIF-2300	Nad 83-8V	404266	7072845	1478.6
MRIF-2400	Nad 83-8V	404307	7072940	1483.8
MRIF-2500	Nad 83-8V	404387	7072999	1485
MRIF-2600	Nad 83-8V	404448	7073079	1480.4
MRIF-2700	Nad 83-8V	404529	7073139	1488.6
MRIF-2800	Nad 83-8V	404564	7073234	1484.7
MRIF-2900	Nad 83-8V	404606	7073324	1480.4
MRIF-300	Nad 83-8V	405097	7072860	1563.3
MRIF-3000	Nad 83-8V	404662	7073407	1464.3
MRIF-3100	Nad 83-8V	404739	7073473	1441.1
MRIF-3200	Nad 83-8V	404805	7073548	1466.1
MRIF-3300	Nad 83-8V	404822	7073648	1471.3
MRIF-3400	Nad 83-8V	404819	7073751	1460
MRIF-400	Nad 83-8V	405016	7072801	1562.7
MRIF-500	Nad 83-8V	404933	7072744	1540.8
MRIF-600	Nad 83-8V	404821	7072719	1532.2
MRIF-700	Nad 83-8V	404713	7072662	1535
MRIF-800	Nad 83-8V	404620	7072576	1529.8
MRIF-900	Nad 83-8V	404530	7072446	1514.6
MRIFG-000	Nad 83-8V	403907	7070730	1531.9
MRIFG-100	Nad 83-8V	403994	7070780	1502.7
MRIFG-1000	Nad 83-8V	403813	7070908	1514.6
MRIFG-1100	Nad 83-8V	403900	7070949	1477.4
MRIFG-1200	Nad 83-8V	403988	7071002	1430.4
MRIFG-1300	Nad 83-8V	404077	7071048	1369.2
MRIFG-1400	Nad 83-8V	403964	7070984	-9999
MRIFG-1500	Nad 83-8V	404114	7071176	1357
MRIFG-1600	Nad 83-8V	404034	7071126	1399.9
MRIFG-1700	Nad 83-8V	403945	7071086	1439.9
MRIFG-1800	Nad 83-8V	403852	7071054	1452.7
MRIFG-1900	Nad 83-8V	403768	7070995	1510
MRIFG-200	Nad 83-8V	404085	7070827	1468.5
MRIFG-2000	Nad 83-8V	403719	7071077	1504.2
MRIFG-2100	Nad 83-8V	403802	7071132	1483.8
MRIFG-2200	Nad 83-8V	403898	7071169	1462.1
MRIFG-2300	Nad 83-8V	403982	7071219	1428.3
MRIFG-2400	Nad 83-8V	404062	7071276	1363.4
MRIFG-2500	Nad 83-8V	403982	7071321	1333.8
MRIFG-2600	Nad 83-8V	403951	7071287	1370.4
MRIFG-2700	Nad 83-8V	403846	7071251	1405.7
MRIFG-2800	Nad 83-8V	403770	7071221	1437.7
MRIFG-2900	Nad 83-8V	403672	7071171	1475.2
MRIFG-300	Nad 83-8V	404172	7070871	1438.4
MRIFG-400	Nad 83-8V	404233	7070904	1406.7
MRIFG-500	Nad 83-8V	404182	7070995	1396
MRIFG-600	Nad 83-8V	404129	7070959	1416.4

MRIFG-700	Nad 83-8V	404037	7070912	1438
MRIFG-800	Nad 83-8V	403951	7070865	1442.9
MRIFG-900	Nad 83-8V	403861	7070821	1489.9
MRJT-000	Nad 83-8V	410438	7072932	1425.2
MRJT-100	Nad 83-8V	410441	7073032	1424.9
MRJT-1000	Nad 83-8V	410116	7073825	1405.1
MRJT-1100	Nad 83-8V	410033	7073881	1410.3
MRJT-1200	Nad 83-8V	409974	7073962	1407.3
MRJT-1300	Nad 83-8V	409899	7074034	1405.7
MRJT-1400	Nad 83-8V	409881	7074131	1403.6
MRJT-1500	Nad 83-8V	409827	7074217	1397.5
MRJT-1600	Nad 83-8V	409772	7074300	1396.6
MRJT-1700	Nad 83-8V	409702	7074372	1407.3
MRJT-1800	Nad 83-8V	409636	7074447	1419.8
MRJT-1900	Nad 83-8V	409538	7074465	1396.3
MRJT-200	Nad 83-8V	410471	7073131	1425.5
MRJT-2000	Nad 83-8V	409467	7074537	1365.2
MRJT-2100	Nad 83-8V	409530	7074615	1347.2
MRJT-2200	Nad 83-8V	409626	7074643	1369.8
MRJT-2300	Nad 83-8V	409708	7074702	1366.7
MRJT-2400	Nad 83-8V	409770	7074781	1350.9
MRJT-2500	Nad 83-8V	409797	7074685	1359.1
MRJT-2600	Nad 83-8V	409789	7074584	1376.8
MRJT-2700	Nad 83-8V	409806	7074484	1384.4
MRJT-2800	Nad 83-8V	409853	7074397	1398.7
MRJT-2900	Nad 83-8V	409888	7074302	1432.9
MRJT-300	Nad 83-8V	410514	7073221	1425.2
MRJT-3000	Nad 83-8V	409921	7074209	1394.2
MRJT-3100	Nad 83-8V	409983	7074129	1396.3
MRJT-3200	Nad 83-8V	410034	7074043	1398.4
MRJT-3300	Nad 83-8V	410100	7073968	1399.9
MRJT-3400	Nad 83-8V	410146	7073879	1403.9
MRJT-400	Nad 83-8V	410488	7073328	1425.5
MRJT-500	Nad 83-8V	410421	7073430	1425.2
MRJT-600	Nad 83-8V	410362	7073513	1424.9
MRJT-700	Nad 83-8V	410281	7073572	1424.9
MRJT-800	Nad 83-8V	410240	7073665	1423.1
MRJT-900	Nad 83-8V	410190	7073754	1408.2
MRML-000	Nad 83-8V	404988	7076318	1528.9
MRML-100	Nad 83-8V	405067	7076375	1527.7
MRML-1000	Nad 83-8V	405831	7076792	1512.4
MRML-1100	Nad 83-8V	405931	7076783	1511.2
MRML-1200	Nad 83-8V	406029	7076797	1514.6
MRML-1300	Nad 83-8V	406127	7076767	1515.2
MRML-1400	Nad 83-8V	406227	7076785	1530.4
MRML-1500	Nad 83-8V	406328	7076799	1519.1
MRML-1600	Nad 83-8V	406423	7076840	1508.8
MRML-1700	Nad 83-8V	406523	7076827	1513.3
MRML-1800	Nad 83-8V	406621	7076808	1516.1
MRML-1900	Nad 83-8V	406716	7076770	1523.7

MRML-200	Nad 83-8V	405155	7076423	1528.9
MRML-2000	Nad 83-8V	406818	7076780	1521.9
MRML-2100	Nad 83-8V	406919	7076773	1504.2
MRML-2200	Nad 83-8V	407014	7076736	1505.4
MRML-2300	Nad 83-8V	407115	7076702	1503
MRML-2400	Nad 83-8V	407204	7076622	1475.5
MRML-2500	Nad 83-8V	407286	7076534	1453.6
MRML-2600	Nad 83-8V	407389	7076587	1437.4
MRML-2700	Nad 83-8V	407330	7076675	1446.3
MRML-2800	Nad 83-8V	407214	7076735	1439.6
MRML-2900	Nad 83-8V	407077	7076854	1444.1
MRML-300	Nad 83-8V	405222	7076496	1524
MRML-400	Nad 83-8V	405292	7076576	1524.3
MRML-500	Nad 83-8V	405380	7076628	1523.7
MRML-600	Nad 83-8V	405470	7076694	1519.1
MRML-700	Nad 83-8V	405542	7076766	1518.2
MRML-800	Nad 83-8V	405639	7076740	1520
MRML-900	Nad 83-8V	405731	7076781	1518.8
MRMLF-000	Nad 83-8V	423402	7080539	1429.5
MRMLF-100	Nad 83-8V	423353	7080447	1425.5
MRMLF-1000	Nad 83-8V	423016	7079589	1407.9
MRMLF-1100	Nad 83-8V	423013	7079492	1407
MRMLF-1200	Nad 83-8V	423027	7079392	1411.2
MRMLF-1300	Nad 83-8V	423072	7079300	1406.7
MRMLF-1400	Nad 83-8V	423090	7079198	1406.7
MRMLF-1500	Nad 83-8V	423192	7079187	1409.4
MRMLF-1600	Nad 83-8V	423284	7079241	1409.7
MRMLF-1700	Nad 83-8V	423346	7079324	1408.8
MRMLF-1800	Nad 83-8V	423426	7079395	1399.9
MRMLF-1900	Nad 83-8V	423488	7079476	1416.1
MRMLF-200	Nad 83-8V	423292	7080352	1428.3
MRMLF-2000	Nad 83-8V	423579	7079533	1425.9
MRMLF-2100	Nad 83-8V	423681	7079528	1424.9
MRMLF-2200	Nad 83-8V	423774	7079485	1416.4
MRMLF-2300	Nad 83-8V	423864	7079448	1409.7
MRMLF-2400	Nad 83-8V	423935	7079373	1395.4
MRMLF-2500	Nad 83-8V	424011	7079309	1382.9
MRMLF-2600	Nad 83-8V	424057	7079226	1374.6
MRMLF-2700	Nad 83-8V	424121	7079151	1369.5
MRMLF-2800	Nad 83-8V	424182	7079058	1366.7
MRMLF-2900	Nad 83-8V	424184	7078954	1360
MRMLF-300	Nad 83-8V	423267	7080252	1428.6
MRMLF-400	Nad 83-8V	423233	7080157	1428.6
MRMLF-500	Nad 83-8V	423181	7080069	1428
MRMLF-600	Nad 83-8V	423106	7079996	1417.9
MRMLF-700	Nad 83-8V	423078	7079894	1416.4
MRMLF-800	Nad 83-8V	423050	7079797	1410.6
MRMLF-900	Nad 83-8V	423033	7079697	1412.4
MRTF-000	Nad 83-8V	405416	7073041	1519.1
MRTF-100	Nad 83-8V	405558	7073058	1524.3

MRTF-1000	Nad 83-8V	406423	7073968	1458.2
MRTF-1100	Nad 83-8V	406479	7074065	1438
MRTF-1200	Nad 83-8V	406552	7074150	1427.1
MRTF-1300	Nad 83-8V	406628	7074214	1419.5
MRTF-1400	Nad 83-8V	406710	7074326	1397.2
MRTF-1500	Nad 83-8V	406788	7074392	1395.4
MRTF-1600	Nad 83-8V	406874	7074486	1398.1
MRTF-1700	Nad 83-8V	406964	7074581	1388.4
MRTF-1800	Nad 83-8V	407061	7074612	1358.2
MRTF-1900	Nad 83-8V	407173	7074595	1355.1
MRTF-200	Nad 83-8V	405665	7073132	1517.6
MRTF-2000	Nad 83-8V	407147	7074512	1362.2
MRTF-2100	Nad 83-8V	407062	7074452	1371.9
MRTF-2200	Nad 83-8V	407037	7074352	1365.8
MRTF-2300	Nad 83-8V	406963	7074268	1394.2
MRTF-300	Nad 83-8V	405803	7073266	1504.5
MRTF-400	Nad 83-8V	405880	7073370	1486.8
MRTF-500	Nad 83-8V	405970	7073448	1472.5
MRTF-600	Nad 83-8V	406034	7073531	1472.8
MRTF-700	Nad 83-8V	406109	7073682	1479.2
MRTF-800	Nad 83-8V	406227	7073761	1476.5
MRTF-900	Nad 83-8V	406343	7073874	1480.1
MRTF-B2400	Nad 83-8V	406900	7074182	1340.8
MRTF-B2500	Nad 83-8V	406828	7074095	1358.8
MRTF-B2600	Nad 83-8V	406766	7074021	1342.3
MRTF-B2700	Nad 83-8V	406699	7073948	1362.2
MRTF-B2800	Nad 83-8V	406694	7073849	1361.5
MRTF-B2900	Nad 83-8V	406643	7073762	1373.1
MRTF-B3000	Nad 83-8V	406594	7073671	1359.4
MRTF-B3100	Nad 83-8V	406570	7073558	1353.3
MRTF-B3200	Nad 83-8V	406557	7073438	1346.6
MRTF-B3300	Nad 83-8V	406564	7073334	1352.7
MRTF-B3400	Nad 83-8V	406541	7073257	1361.2
MRTF-B3500	Nad 83-8V	406555	7073138	1371.3
MRTF-B3600	Nad 83-8V	406614	7073076	1347.2
MRTF-B3700	Nad 83-8V	406700	7073021	1355.4
MRTF-B3800	Nad 83-8V	406803	7073009	1353.3
MRTF-B3900	Nad 83-8V	406902	7072970	1357.9
MRTF-B4000	Nad 83-8V	407012	7072956	1352.4
MRTF-B4100	Nad 83-8V	407126	7072955	1356.7
MRTF-B4200	Nad 83-8V	407222	7072988	1364.6
MRTF-B4300	Nad 83-8V	407332	7073011	1362.8
MRTF-B4400	Nad 83-8V	407428	7073035	1355.4
MRTF-B4500	Nad 83-8V	407518	7073073	1339.6
MRTF-B4600	Nad 83-8V	407613	7073059	1304.5
MRTF-B4700	Nad 83-8V	407618	7072955	1350.6
MRTF-B4800	Nad 83-8V	407631	7072851	1363.1
MRTF-B4900	Nad 83-8V	407612	7072743	1347.2

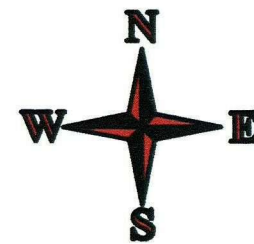
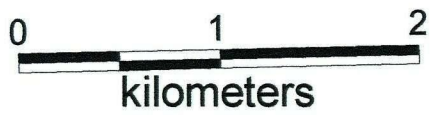


Figure 1
Area - A

**Percentiles
for: Au**

•	0.5 ≤ 2.7	[<30%]	(70)
•	2.7 ≤ 6.1	[30<60%]	(74)
•	6.1 ≤ 10.2	[60<80%]	(49)
•	10.2 ≤ 17.2	[80<90%]	(24)
•	17.2 ≤ 22.4	[90<95%]	(12)
•	22.4 ≤ 45.7	[95<98%]	(8)
•	45.7 ≤ 54.7	[98<99%]	(2)
•	54.7 ≤ 174.9	[99% +]	(3)



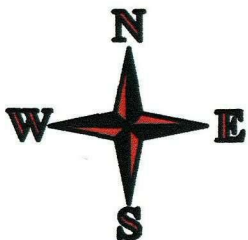
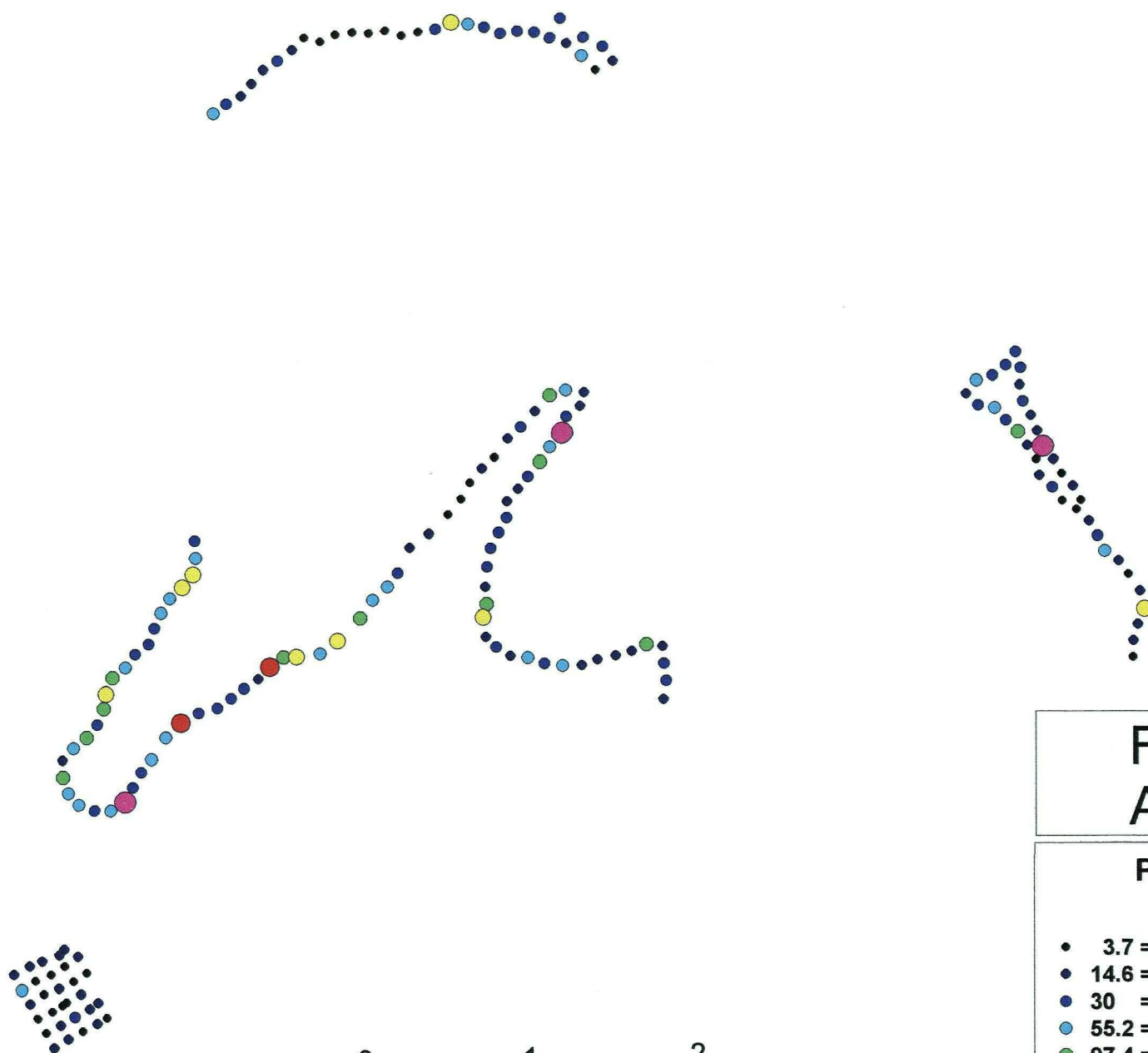
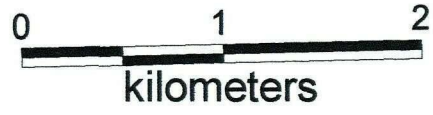


Figure 2
Area - A

**Percentiles
for: As**

•	3.7 =< 14.6	[<30%]	(73)
•	14.6 =< 30	[30<60%]	(73)
•	30 =< 55.2	[60<80%]	(49)
•	55.2 =< 97.4	[80<90%]	(24)
•	97.4 =< 121.9	[90<95%]	(12)
•	121.9 =< 192.6	[95<98%]	(8)
•	192.6 =< 218.1	[98<99%]	(2)
•	218.1 =< 459.6	[99% +]	(3)



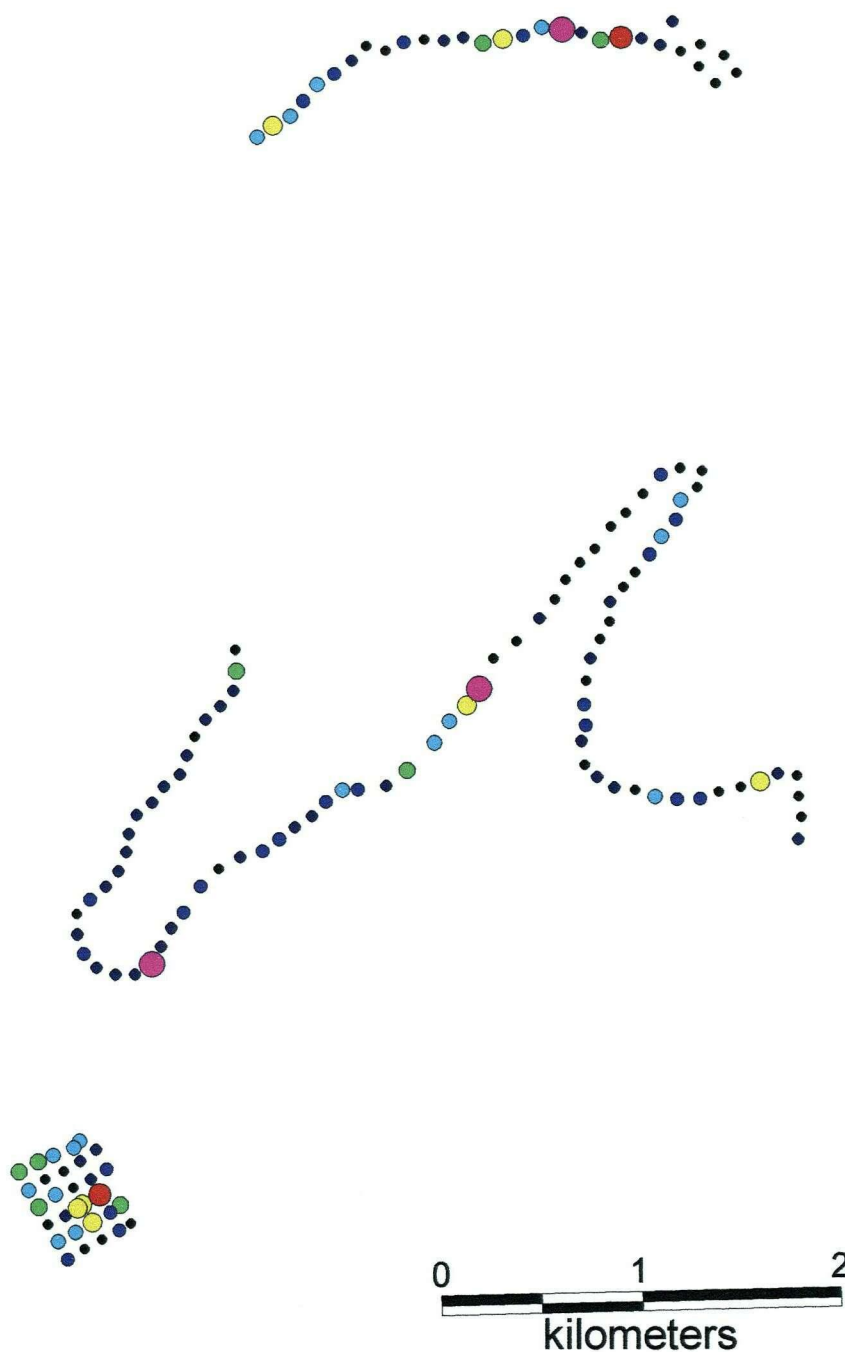
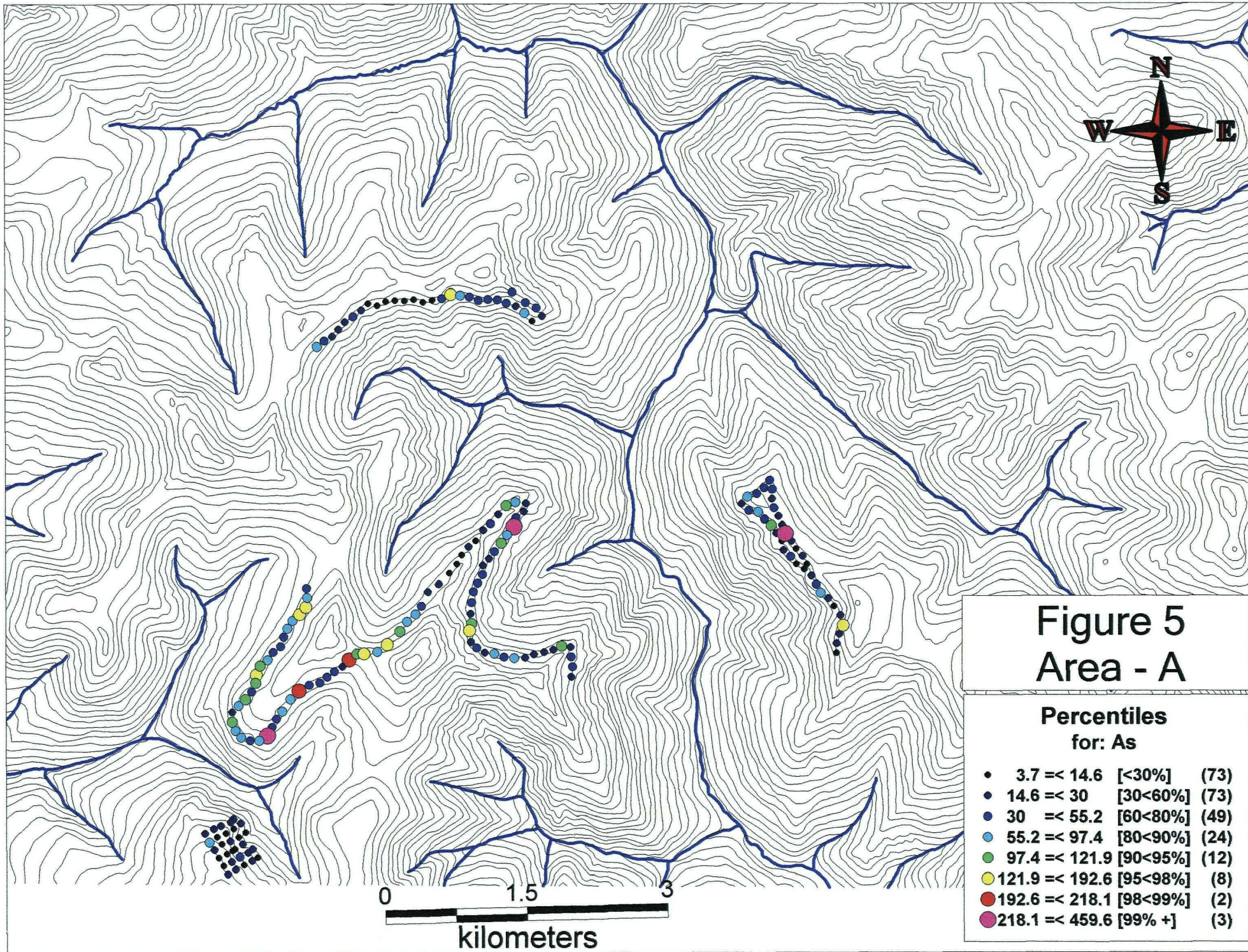


Figure 3
Area - A

**Percentiles
for: Zn**

•	17 =< 65	[<30%]	(71)
•	65 =< 87	[30<60%]	(75)
•	87 =< 125	[60<80%]	(48)
•	125 =< 191	[80<90%]	(25)
•	191 =< 242	[90<95%]	(12)
•	242 =< 454	[95<98%]	(8)
•	454 =< 485	[98<99%]	(2)
•	485 =< 1843	[99% +]	(3)



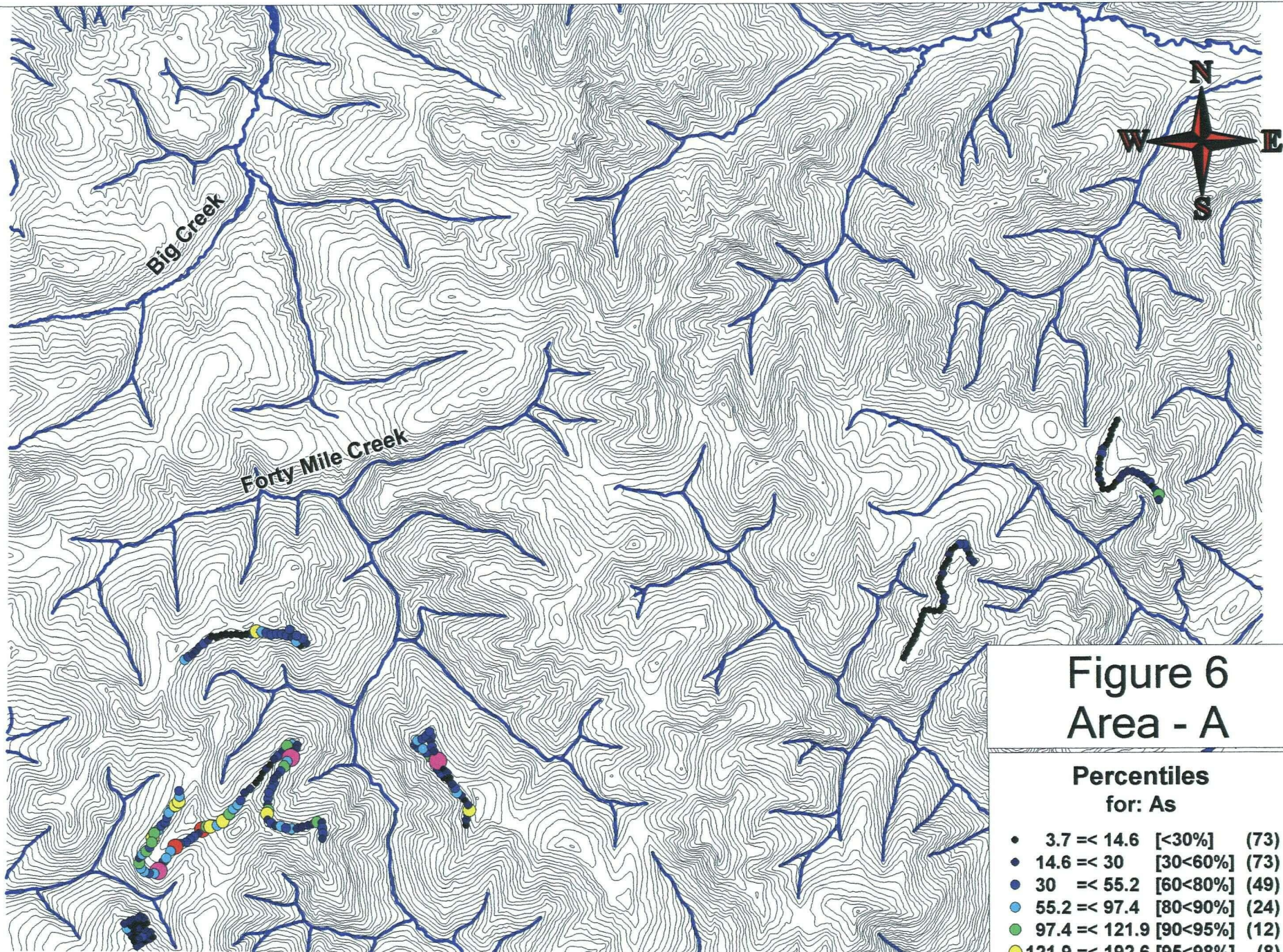


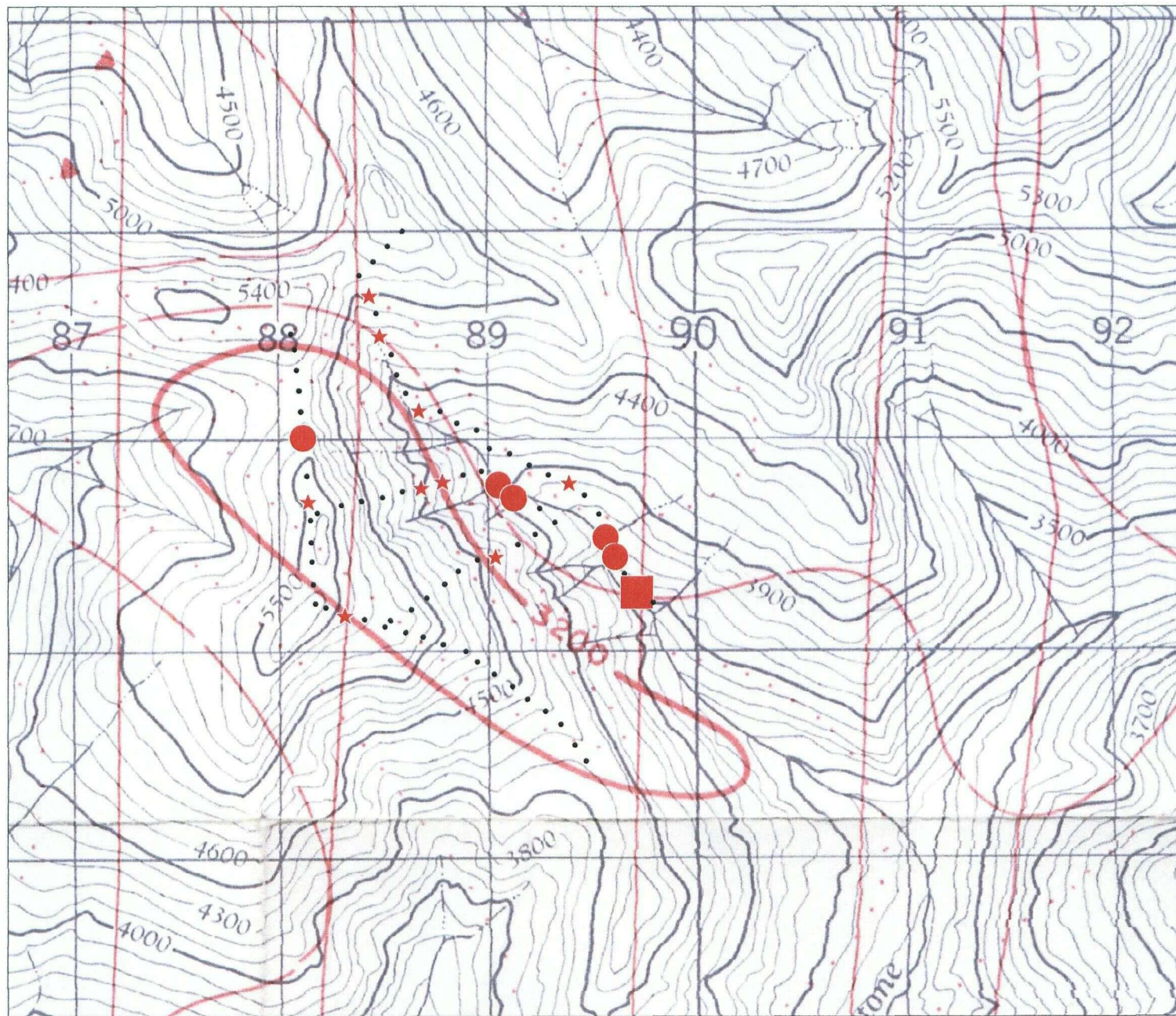
Figure 6
Area - A

**Percentiles
for: As**

- 3.7 =< 14.6 [**<30%**] (73)
- 14.6 =< 30 [**30<60%**] (73)
- 30 =< 55.2 [**60<80%**] (49)
- 55.2 =< 97.4 [**80<90%**] (24)
- 97.4 =< 121.9 [**90<95%**] (12)
- 121.9 =< 192.6 [**95<98%**] (8)
- 192.6 =< 218.1 [**98<99%**] (2)
- 218.1 =< 459.6 [**99% +**] (3)



Keystone Creek Area Regional Soil Survey



GSC Magnetic Map as Background Map

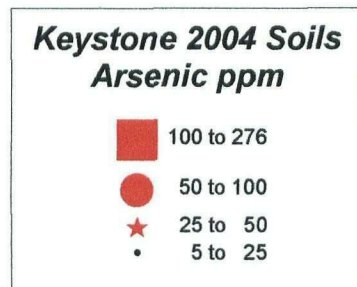
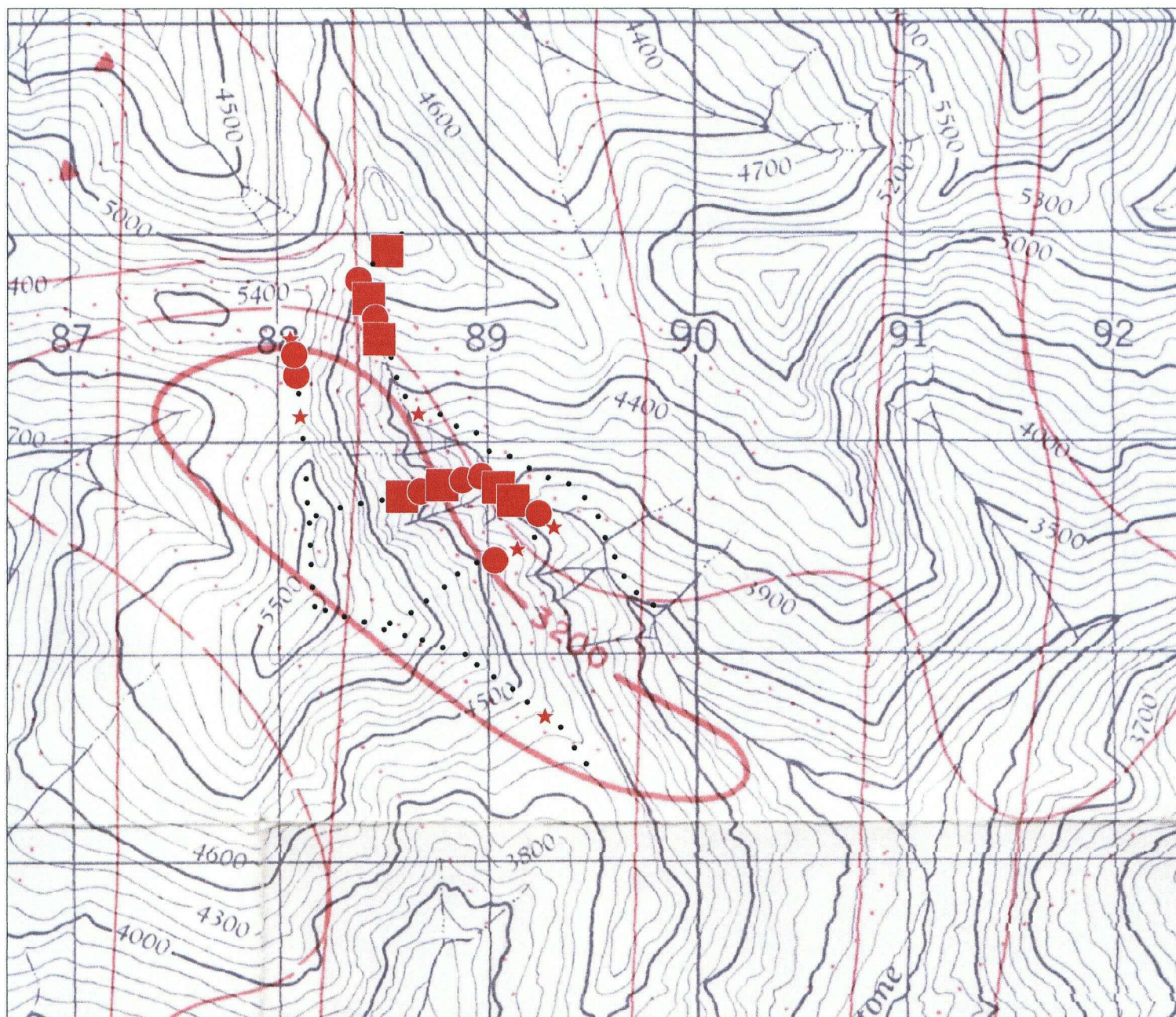


FIGURE 5

Keystone Creek Area Regional Soil Survey



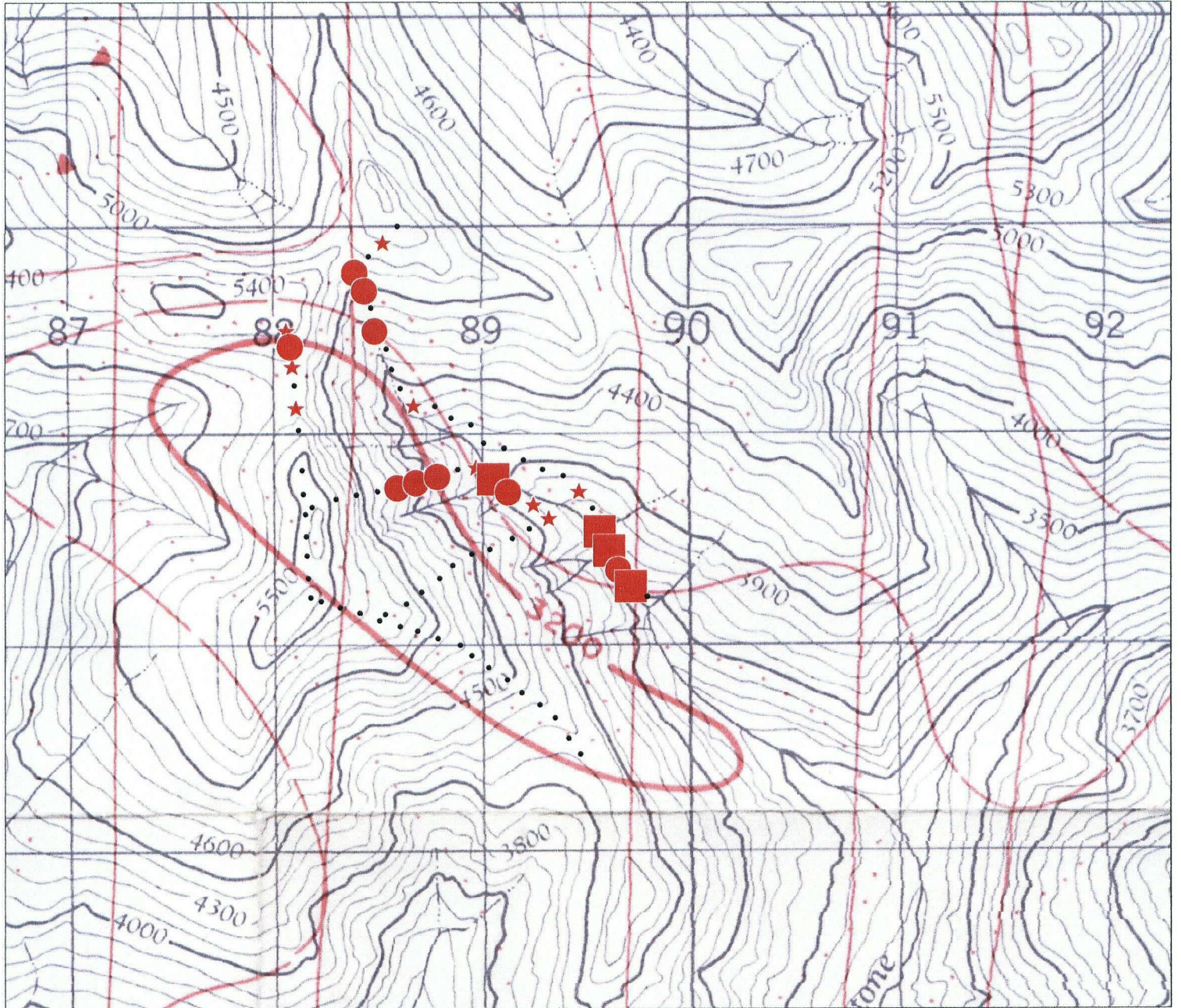
GSC Magnetic Map as Background Map

Keystone 2004 Soils Molybdenum

- 22 to 46.2
- 10 to 20
- ★ 5 to 10
- 0.3 to 5

FIGURE 6

Keystone Creek Area Regional Soil Survey



GSC Magnetic Map as Background Map

**Keystone 2004 Soils
Antimony ppm**

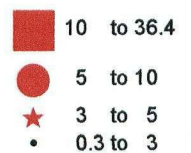
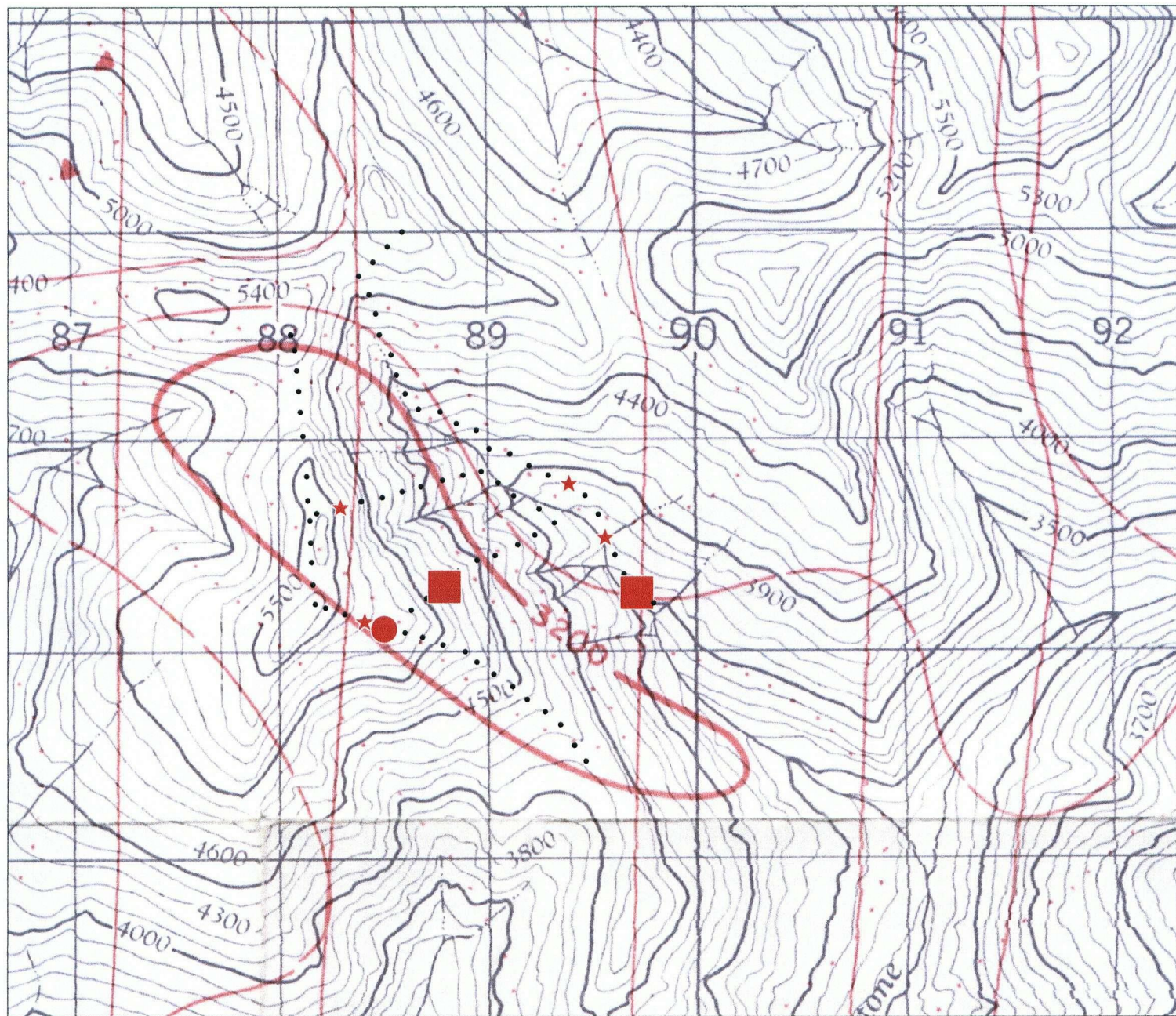


FIGURE 7

Keystone Creek Area Regional Soil Survey

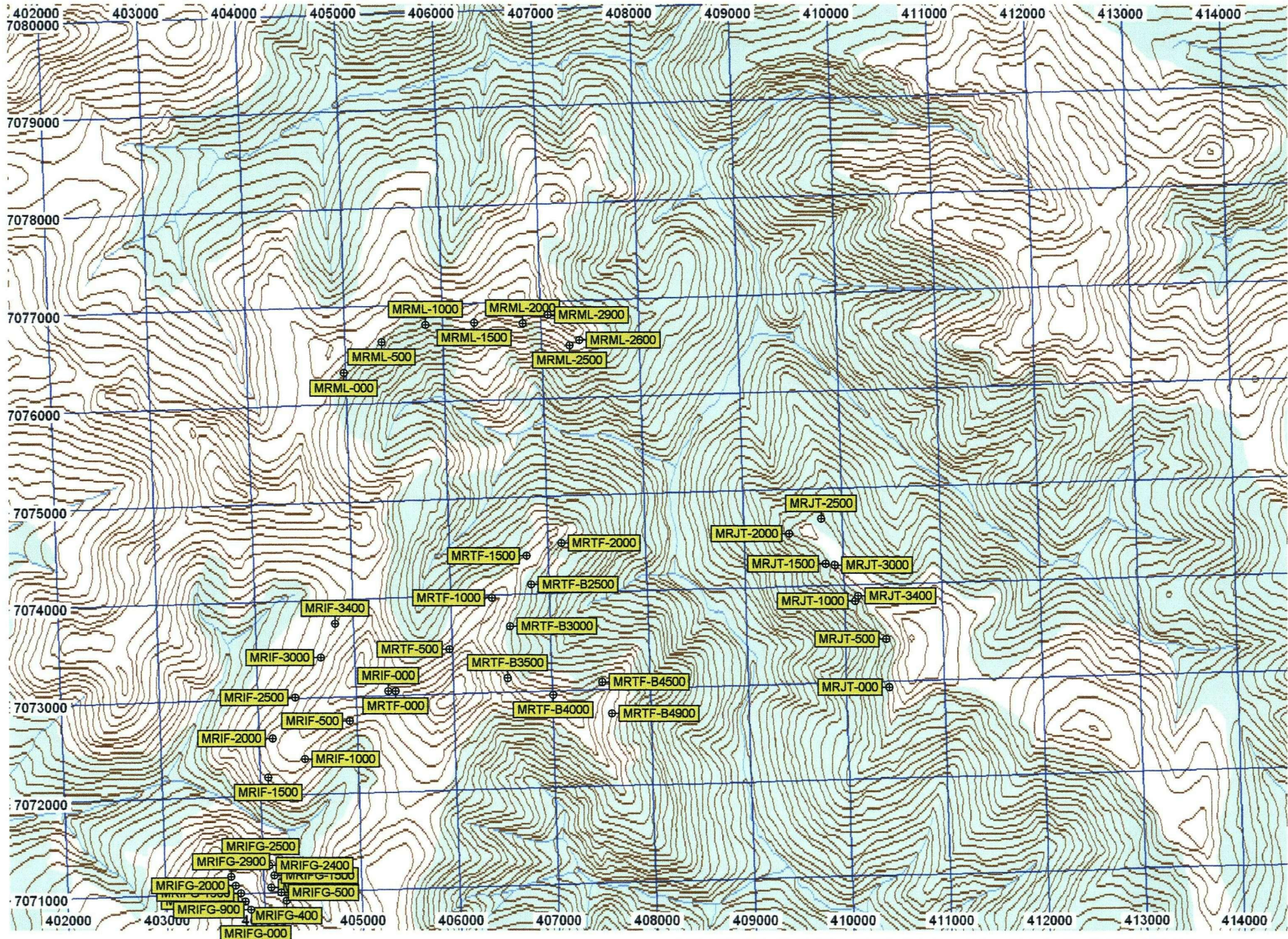


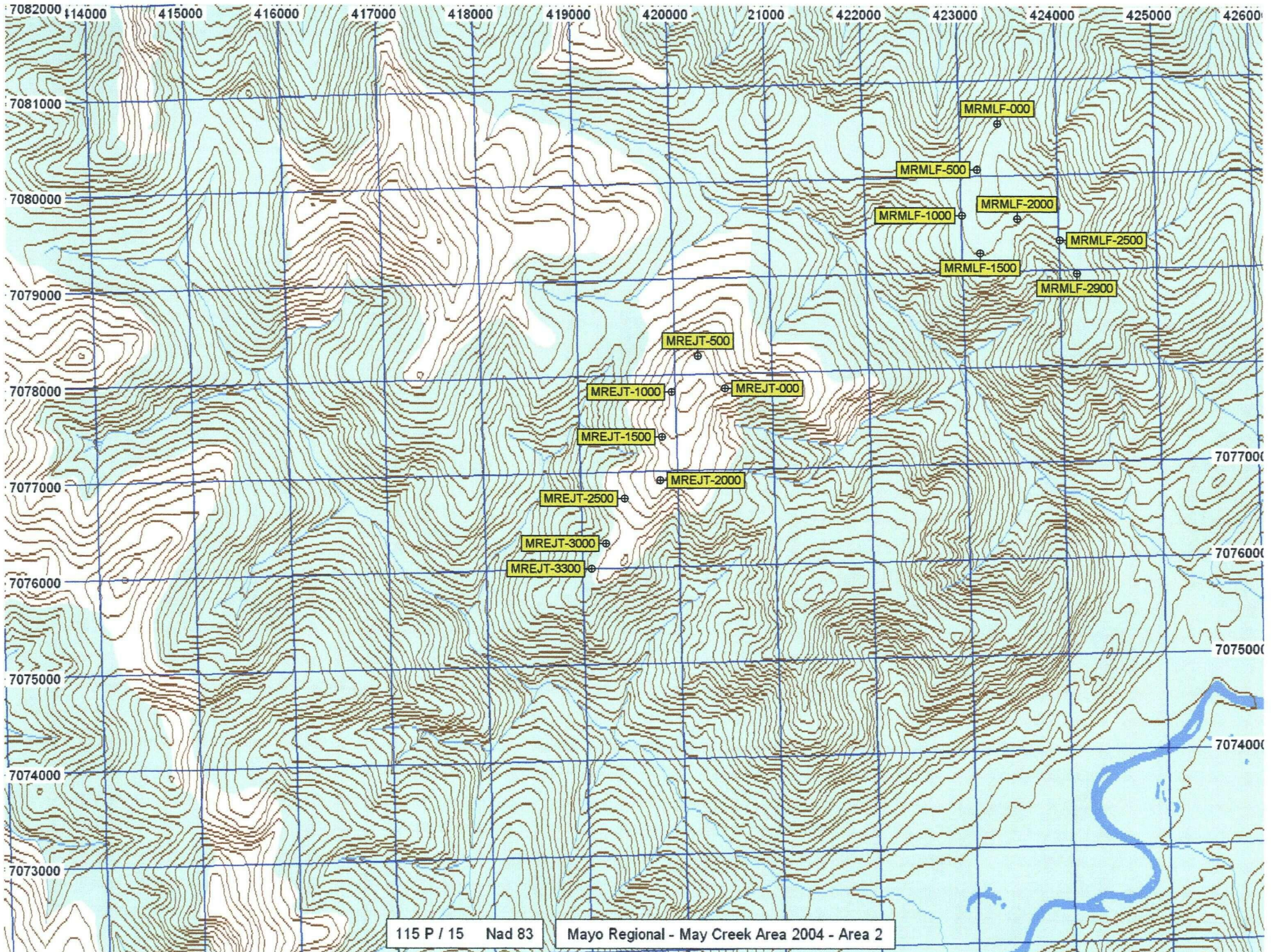
GSC Magnetic Map as Background Map

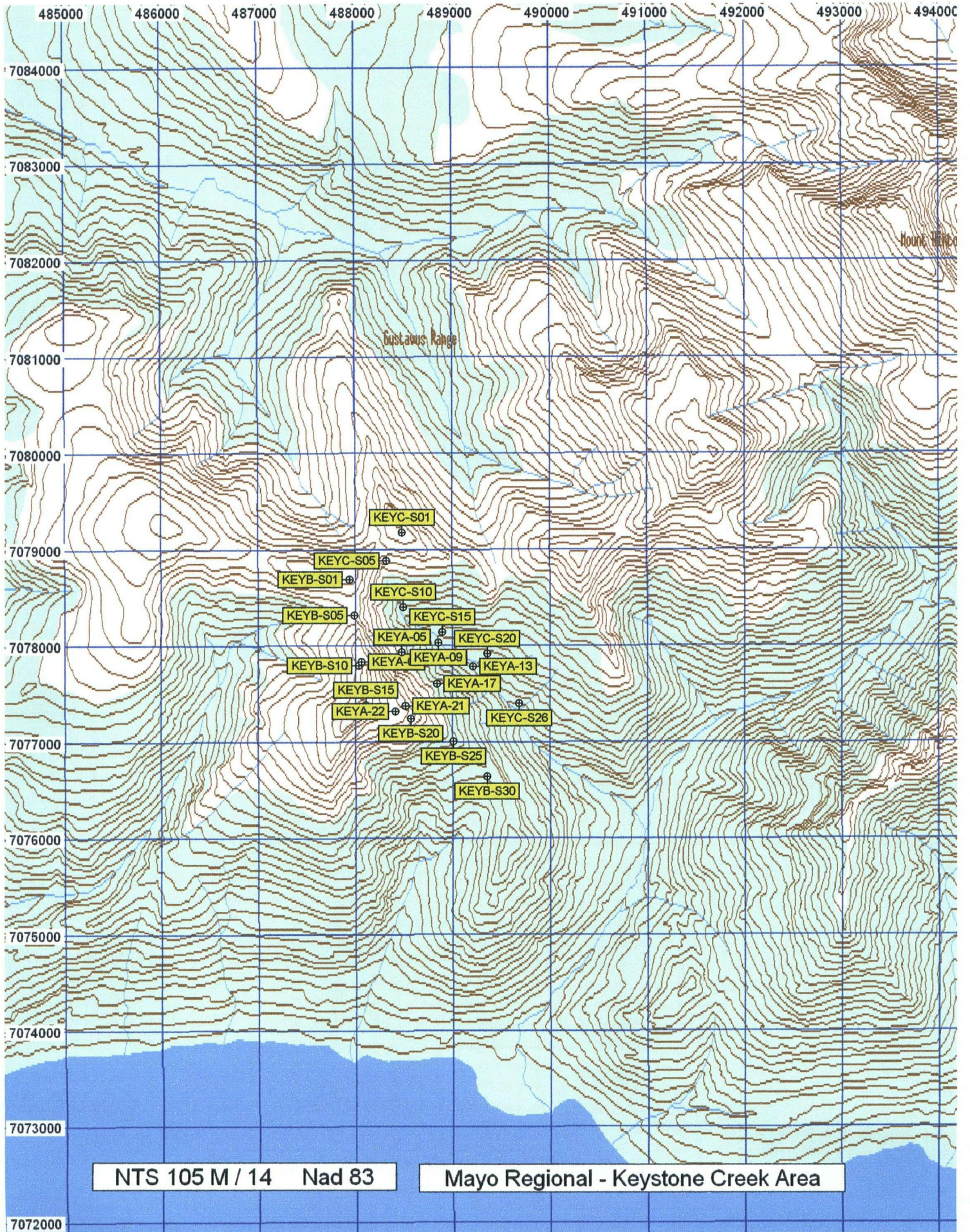
**Keystone 2004 Soils
Gold ppb**

- 25 to 36
- 15 to 25
- 7 to 15
- 0 to 7

FIGURE 8







NTS 105 M / 14 Nad 83

Mayo Regional - Keystone Creek Area



GEOCHEMICAL ANALYSIS CERTIFICATE



Ryanwood Exploration Inc. File # A406031 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
KEYA-01	.8	52.8	34.1	89	.1	23.2	8.6	474	4.56	19.6	2.5	2.3	6.3	11	.1	.7	.4	16	.08	.060	16	24.4	1.03	67	.007	1	2.01	.005	.04	<.1	.03	1.7	<.1	<.05	5	<.5
KEYA-02	1.6	52.4	26.0	93	.3	33.2	13.0	479	3.18	15.2	2.2	7.5	2.8	22	.3	1.1	.3	8	.19	.096	12	8.9	.30	234	.002	1	.66	.004	.03	<.1	.05	.9	<.1	<.05	2	1.0
KEYA-03	1.1	64.9	51.0	107	.2	51.7	22.8	719	4.43	24.5	1.7	3.9	5.7	7	.2	1.2	.5	11	.09	.060	16	18.8	.67	71	.002	1	1.50	.004	.05	<.1	.03	1.1	<.1	<.05	4	.7
KEYA-04	1.0	47.0	27.5	77	.1	27.1	11.9	437	3.41	13.0	1.5	2.7	8.7	8	<.1	.7	.3	10	.07	.046	30	15.8	.59	55	.002	<1	1.16	.004	.03	<.1	.03	1.1	<.1	<.05	3	.5
KEYA-05	23.4	51.4	33.7	125	.7	13.1	2.6	249	6.05	22.1	2.5	6.4	3.4	35	.1	6.1	.5	75	.02	.159	45	29.0	.38	152	.004	2	1.27	.012	.06	.1	.15	.9	.2	.14	5	12.2
KEYA-06	16.2	44.9	40.2	129	1.8	13.3	1.9	132	4.75	47.3	2.4	6.4	1.2	46	.2	6.7	.4	47	.01	.167	23	13.4	.10	129	.003	<1	.56	.006	.06	.1	.59	.6	.1	.22	2	11.3
KEYA-07	28.1	33.6	25.1	86	1.0	10.8	1.6	113	3.53	25.1	2.5	3.6	.8	22	.1	8.6	.4	68	.01	.100	28	14.6	.21	126	.003	1	.58	.004	.05	.3	.35	.5	.1	.09	2	10.1
KEYA-08	10.7	32.7	24.1	125	.3	17.6	4.1	372	3.38	17.3	1.0	1.0	.8	12	.3	2.3	.4	42	.02	.069	20	12.0	.17	96	.005	1	.63	.003	.04	.1	.06	.4	.1	.06	4	2.7
KEYA-09	16.2	46.5	30.8	135	1.0	14.0	1.5	276	4.73	18.8	1.8	6.0	3.0	33	.1	4.8	.4	50	.01	.124	31	18.8	.24	262	.003	1	.80	.006	.08	.1	.47	.7	.1	.16	3	9.0
KEYA-10	46.2	72.1	33.2	117	1.1	24.8	1.9	176	5.14	93.9	5.7	2.9	5.2	27	.3	18.0	.4	97	.02	.170	34	16.6	.10	385	.004	<1	.85	.014	.14	.6	.62	2.3	.4	.42	3	11.4
KEYA-11	27.4	36.0	28.1	89	.5	16.4	5.0	232	3.34	59.6	1.8	1.9	1.5	11	.3	7.8	.4	62	.12	.074	37	13.6	.20	391	.003	1	.69	.005	.05	.3	.21	.6	.1	.10	3	6.6
KEYA-12	11.1	93.5	27.0	94	1.3	16.8	3.5	202	2.94	17.0	4.4	3.3	.9	25	.4	4.0	.3	50	.04	.135	29	21.7	.22	215	.004	1	1.20	.005	.05	.1	.27	.6	.1	.08	4	5.3
KEYA-13	7.1	57.8	18.5	117	.5	29.1	8.5	328	3.35	15.4	5.4	1.8	5.3	17	.6	3.3	.3	56	.09	.088	27	24.5	.42	198	.025	1	1.41	.005	.05	.2	.16	3.0	.1	<.05	4	2.3
KEYA-14	4.4	22.5	16.5	64	.2	11.6	4.0	277	2.37	13.6	1.6	2.3	1.1	13	.3	1.1	.3	56	.07	.083	25	24.3	.25	102	.017	1	1.19	.005	.05	.1	.07	1.1	.1	<.05	5	1.7
RE KEYA-14	4.4	21.2	15.2	58	.2	11.4	3.8	255	2.20	12.1	1.3	1.7	1.2	11	.3	1.1	.3	50	.06	.076	22	21.8	.23	90	.012	1	1.06	.004	.04	.1	.08	1.1	.1	<.05	4	1.3
KEYA-15	7.4	41.0	21.3	81	.5	15.9	5.8	240	2.97	22.4	2.0	1.8	1.5	19	.2	1.8	.3	55	.05	.098	25	24.8	.30	117	.008	1	1.03	.005	.04	.1	.10	.9	.1	.06	4	2.4
KEYA-16	10.7	63.2	35.7	95	.3	17.7	6.1	248	3.93	34.4	3.8	3.0	5.2	22	.2	2.8	.4	54	.03	.118	33	24.6	.40	160	.004	1	1.38	.006	.06	.1	.14	1.4	.1	.10	4	3.8
KEYA-17	.6	28.9	18.9	83	.1	25.2	9.7	436	3.62	14.4	1.4	<.5	7.2	6	<.1	.5	.2	12	.04	.035	32	20.3	.75	43	.002	1	1.67	.003	.04	<.1	.02	1.1	<.1	<.05	4	<.5
KEYA-18	.5	46.7	24.7	89	.1	37.2	15.6	908	4.22	17.6	1.9	2.4	7.1	9	<.1	.6	.3	13	.09	.042	25	20.7	.79	40	.003	1	1.65	.004	.04	<.1	.03	1.5	<.1	<.05	5	.5
KEYA-19	.8	33.0	45.2	84	.1	19.2	9.4	359	3.36	12.1	1.4	36.0	1.9	9	.1	.5	.3	14	.05	.072	15	15.5	.49	61	.003	1	1.24	.005	.05	.1	.04	.8	.1	.07	4	.5
KEYA-20	.9	62.5	44.1	132	.2	59.1	29.7	685	4.55	24.5	3.7	2.4	7.1	20	.2	.6	.4	10	.20	.095	18	14.3	.62	56	.002	1	1.31	.005	.04	<.1	.03	1.6	<.1	<.05	3	.9
KEYA-21	.8	32.8	22.1	66	.1	25.8	12.6	434	3.61	19.6	1.2	1.1	2.8	5	.1	1.9	.3	26	.05	.038	24	17.2	.38	64	.005	<1	1.31	.004	.04	.1	.05	1.2	.1	<.05	4	.5
KEYA-22	1.4	19.5	21.2	56	.1	16.1	8.5	650	3.37	14.9	1.0	1.8	2.6	9	.1	.8	.3	53	.07	.041	18	24.9	.37	69	.028	1	1.45	.005	.05	.2	.04	1.7	.1	<.05	6	.7
KEYB-S01	9.7	50.4	17.5	78	.6	17.8	6.1	254	3.20	14.3	2.9	4.0	5.7	32	.3	3.9	.3	50	.09	.106	36	24.2	.47	130	.024	1	1.16	.006	.05	.2	.18	2.2	.1	.09	4	3.5
KEYB-S02	10.9	145.3	21.6	150	.8	14.1	5.1	328	6.14	5.5	6.5	4.0	22.5	16	.3	6.1	.5	75	.09	.234	41	45.0	.91	87	.006	1	1.55	.004	.04	.1	.23	4.0	.1	.07	7	12.8
KEYB-S03	16.4	32.3	17.2	46	.6	10.8	2.4	102	2.11	16.6	3.1	2.7	.5	9	.1	3.5	.3	59	.03	.080	28	18.4	.23	105	.007	1	.87	.004	.03	.1	.16	.8	.1	<.05	4	3.8
KEYB-S04	1.8	59.7	29.4	91	.2	30.3	10.3	262	3.44	17.3	2.5	3.3	.9	21	.3	1.4	.6	21	.08	.102	16	14.6	.24	90	.006	1	.81	.006	.04	<.1	.04	1.0	.1	<.05	3	1.4
KEYB-S05	8.5	34.5	32.5	198	.6	22.0	4.1	150	4.41	22.4	3.7	3.4	8.5	11	.1	3.7	.4	44	.04	.110	48	21.8	.27	122	.003	<1	.97	.007	.05	<.1	.16	2.8	.1	<.05	3	6.3
KEYB-S06	1.4	54.5	48.2	83	.1	25.6	12.3	428	4.00	64.3	2.0	1.0	2.5	9	.1	1.6	.5	26	.06	.081	24	22.1	.61	45	.009	2	1.42	.007	.05	<.1	.08	1.0	.1	<.05	5	1.0
KEYB-S08	1.2	34.9	20.0	63	.1	22.0	9.8	265	2.99	17.2	1.6	1.1	.6	10	.1	1.0	.4	45	.08	.062	19	25.6	.45	61	.014	<1	1.30	.006	.04	.1	.03	1.0	.1	<.05	5	.9
KEYB-S09	.8	59.1	38.6	97	.1	50.8	33.2	1132	4.33	26.6	2.6	5.3	6.2	14	.1	1.4	.5	18	.11	.077	31	22.6	.80	41	.009	1	1.59	.005	.03	<.1	.03	1.3	<.1	<.05	5	.5
KEYB-S10	.9	13.6	12.4	27	.1	8.9	3.4	340	1.84	8.9	.6	2.2	.7	5	<.1	.6	.2	35	.04	.048	18	13.2	.20	37	.009	1	.80	.005	.03	.1	.06	.7	.1	<.05	5	.7
KEYB-S11	1.2	23.6	18.9	57	.1	19.6	7.4	386	2.94	19.1	.8	4.7	1.0	8	.1	1.0	.2	40	.07	.050	19	22.8	.46	67	.014	1	1.29	.005	.05	.2	.04	1.0	.1	<.05	5	.6
KEYB-S12	.8	42.2	37.1	83	.1	27.9	9.9	457	3.82	16.4	1.8	5.5	3.1	10	.1	1.7	.3	24	.08	.070	26	22.2	.62	96	.007	2	1.48	.006	.06	.1	.05	1.2	.1	<.05	4	.7
STANDARD DS5	12.3	142.8	25.6	137	.3	24.5	11.6	781	2.99	17.6	5.7	44.0	2.7	47	5.3	3.5	5.8	62	.76	.085	13	187.0	.67	133	.099	17	2.02	.035	.14	4.8	.18	3.4	1.0	<.05	6	5.1

GROUP 10X - 15.0 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 1 FA _____

DATE RECEIVED: SEP 24 2004 DATE REPORT MAILED: Oct 22/04





ACME ANALYTICAL



ACME ANALYTICAL

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
KEYB-S13	.8	37.0	21.7	82	.1	28.7	12.2	724	3.40	8.6	1.1	1.4	5.9	9	.1	1.0	.4	20	.09	.058	39	16.3	.46	106	.009	<1	1.09	.005	.05	.1	.04	1.6	.1	<.05	4	<.5
KEYB-S14	1.2	23.6	23.8	57	.1	16.9	6.1	228	2.41	9.1	1.1	1.6	.4	9	.1	.9	.3	35	.06	.099	18	18.9	.27	85	.007	<1	1.06	.012	.04	.1	.06	.7	.1	.07	5	.6
KEYB-S15	.8	29.8	24.5	74	.1	31.4	14.0	791	3.06	8.6	1.3	.8	3.1	8	.1	1.0	.3	30	.06	.051	25	19.9	.59	73	.015	<1	1.41	.005	.05	.1	.07	1.7	.1	<.05	5	.5
KEYB-S16	.5	33.1	33.8	80	.1	27.9	12.2	426	3.35	25.6	1.2	6.5	10.4	21	.1	.7	.3	16	.26	.046	37	17.2	.53	57	.007	<1	1.08	.004	.04	.1	.03	1.5	.1	<.05	4	<.5
KEYB-S17	1.0	48.2	30.9	80	.1	21.8	11.3	652	3.90	10.2	1.4	11.1	2.4	13	.1	1.4	.4	24	.06	.062	21	23.3	.61	66	.011	<1	1.36	.005	.05	.1	.03	1.2	.1	<.05	5	.5
KEYB-S18	.6	31.8	18.1	74	.1	25.9	8.9	338	3.00	14.7	1.5	15.0	3.3	11	.2	.7	.3	31	.09	.051	23	21.7	.47	48	.018	<1	1.17	.005	.04	.1	.03	1.3	.1	<.05	5	<.5
KEYB-S19	1.0	27.2	21.2	78	.1	23.1	10.7	577	2.86	13.9	1.3	2.8	1.3	11	.3	.8	.2	45	.11	.051	21	27.1	.49	124	.022	<1	1.49	.005	.06	.2	.03	1.7	.1	<.05	5	<.5
KEYB-S20	.8	31.6	27.3	74	.1	33.0	16.3	978	3.28	14.7	1.2	2.8	1.9	14	.3	.7	.4	30	.20	.052	15	23.4	.52	88	.012	<1	1.33	.004	.05	.1	.04	1.5	.1	<.05	5	<.5
KEYB-S21	1.0	16.5	12.9	46	.2	13.6	5.1	218	2.12	9.8	.9	5.0	.5	7	.1	.6	.2	33	.05	.043	14	19.2	.31	65	.010	<1	1.05	.005	.03	.1	.04	.9	.1	<.05	4	<.5
KEYB-S22	1.5	16.7	15.5	55	.1	12.0	4.8	277	2.56	10.3	.9	.9	.6	9	.1	.7	.3	50	.06	.049	20	25.9	.34	77	.016	<1	1.29	.005	.05	.1	.04	.9	.1	<.05	6	.5
KEYB-S23	1.3	20.5	20.1	64	.1	15.2	7.5	464	3.20	12.4	1.0	1.2	1.1	11	.2	.7	.3	45	.06	.056	21	24.9	.45	79	.022	<1	1.44	.005	.06	.1	.06	1.2	.1	<.05	6	.5
KEYB-S24	1.3	16.9	14.3	53	.1	13.6	5.8	429	2.74	12.1	.8	2.8	1.5	9	.2	.6	.3	49	.05	.037	19	24.2	.34	70	.027	<1	1.35	.004	.05	.1	.03	1.5	.1	<.05	6	.5
KEYB-S25	1.9	27.2	12.0	66	.1	17.4	8.0	321	2.65	11.7	1.4	1.0	2.0	12	.3	.9	.2	47	.08	.060	17	28.4	.43	115	.021	<1	1.68	.005	.04	.1	.07	2.0	.2	<.05	6	.9
KEYB-S26	3.2	16.3	12.5	58	.1	13.5	5.5	303	3.25	18.8	.8	.8	4.2	13	.2	1.0	.3	66	.07	.099	18	32.0	.39	99	.031	<1	1.36	.005	.05	.2	.02	2.0	.1	<.05	6	1.2
KEYB-S27	5.8	21.7	12.3	53	.1	13.8	4.7	243	2.44	17.5	1.5	1.5	2.3	15	.2	1.5	.2	58	.08	.063	20	27.5	.39	104	.028	<1	1.45	.005	.05	.2	.08	1.9	.2	<.05	6	1.5
KEYB-S28	3.3	22.9	12.7	64	.1	17.9	8.8	344	2.65	14.9	1.4	2.4	6.1	13	.2	1.6	.2	53	.09	.063	19	32.1	.49	135	.040	1	1.84	.011	.06	.2	.09	3.7	.2	<.05	5	1.4
KEYB-S29	3.5	32.0	13.6	64	.2	15.8	6.9	280	2.54	15.2	2.2	2.5	4.2	18	.1	1.9	.2	52	.08	.074	19	27.8	.43	120	.026	1	1.53	.005	.05	.1	.09	2.9	.2	<.05	5	1.5
KEYB-S30	3.4	31.4	14.7	77	.3	12.3	4.0	322	3.00	20.1	2.1	1.4	6.8	22	.2	1.3	.3	42	.06	.078	32	23.1	.59	214	.013	<1	1.65	.008	.07	.2	.08	1.8	.2	<.05	6	1.9
KEYC-S01	3.2	48.1	11.8	68	.2	16.5	5.4	253	2.51	13.0	1.5	4.3	1.3	14	.6	1.4	.2	50	.08	.058	17	23.2	.34	104	.022	1	1.13	.005	.05	.1	.09	1.4	.2	<.05	5	1.9
KEYC-S02	22.0	221.0	30.1	157	.8	43.1	11.9	432	2.73	22.4	9.6	5.9	2.8	120	3.6	4.9	.5	47	.10	.116	31	18.9	.29	169	.005	1	.82	.004	.07	.2	.30	1.4	.2	.11	2	5.5
RE KEYC-S03	.7	59.0	27.1	116	.1	34.3	12.7	456	3.28	9.6	2.4	1.1	4.8	6	.5	1.2	.4	17	.04	.052	18	13.4	.25	35	.006	<1	1.15	.004	.04	.1	.04	1.0	.1	<.05	3	.8
KEYC-S03	.8	55.6	27.1	116	.1	34.5	12.0	428	3.21	9.9	2.3	.7	4.8	5	.5	1.3	.4	16	.04	.053	19	13.6	.25	35	.006	<1	1.15	.005	.04	<.1	.04	1.1	.1	<.05	3	.8
KEYC-S04	13.1	56.0	32.0	85	.7	8.9	1.0	154	4.26	19.6	3.1	3.3	6.4	26	.1	5.1	.5	51	.01	.109	44	22.1	.38	102	.001	<1	.84	.005	.05	<.1	.16	1.0	.2	.08	4	9.4
KEYC-S05	29.2	43.2	25.5	130	2.2	16.8	2.1	140	3.14	39.6	4.6	6.1	1.4	19	.2	7.4	.4	56	.02	.147	32	20.3	.24	85	.003	<1	.77	.005	.05	.2	.34	.6	.2	.07	3	8.0
KEYC-S06	10.1	32.9	17.7	101	.3	21.4	6.2	253	2.80	14.3	2.0	2.1	1.2	10	.7	2.2	.3	40	.05	.074	27	20.3	.32	86	.008	<1	1.12	.005	.06	.1	.10	.9	.2	<.05	4	2.0
KEYC-S07	23.9	33.4	25.5	82	1.1	11.2	3.1	261	3.80	30.8	2.0	4.5	1.0	20	.2	8.5	.4	58	.02	.112	30	19.0	.31	137	.003	1	.74	.005	.05	.2	.25	.5	.2	.07	3	9.3
KEYC-S08	4.7	49.6	27.3	126	.3	30.5	12.0	571	3.30	8.7	2.3	1.8	3.1	17	1.7	1.1	.4	26	.08	.068	30	18.1	.46	91	.007	2	1.14	.005	.05	.1	.06	1.0	.1	<.05	4	1.7
KEYC-S09	2.2	28.8	43.8	117	.1	31.5	12.6	576	3.88	7.9	1.5	2.0	4.2	6	.5	.8	.4	22	.04	.064	24	16.8	.41	49	.007	<1	1.19	.003	.04	.1	.04	1.1	.1	<.05	4	1.2
KEYC-S10	1.0	31.5	41.9	121	<.1	32.1	19.8	1511	3.93	13.2	1.1	1.6	6.9	6	.6	.6	.6	26	.04	.053	32	20.9	.49	59	.010	1	1.36	.004	.04	.1	.03	1.6	.1	<.05	5	.8
KEYC-S11	8.9	45.4	27.7	113	.3	21.4	10.8	435	4.04	29.0	2.0	3.0	6.8	13	.2	3.0	.4	30	.03	.067	38	19.3	.54	74	.002	1	1.10	.004	.04	.1	.12	1.1	.1	<.05	4	3.5
KEYC-S12	.9	32.2	16.3	57	.1	21.2	8.7	274	2.94	7.5	.5	.5	9.2	6	.2	.5	.2	16	.02	.028	25	13.9	.40	35	.005	<1	1.17	.003	.03	<.1	.02	1.1	.1	<.05	4	.5
KEYC-S13	4.9	33.3	20.6	90	.1	26.3	11.1	495	2.87	11.3	2.1	1.1	9.1	12	.5	1.2	.3	20	.08	.043	39	13.2	.45	216	.005	<1	1.08	.003	.04	<.1	.12	1.2	.1	<.05	3	1.0
KEYC-S14	.4	21.0	16.0	136	.1	29.6	10.9	349	2.92	6.5	1.6	<.5	7.3	28	.6	.3	.3	9	.64	.055	26	14.5	.62	68	.002	1	1.36	.004	.05	<.1	.02	1.1	<.1	.06	4	.7
KEYC-S15	.8	19.6	16.8	78	<.1	21.7	7.4	275	2.67	9.1	.8	1.4	4.4	8	.2	.8	.3	30	.09	.038	27	21.3	.51	60	.013	1	1.30	.005	.05	.1	.02	1.4	.1	<.05	5	.6
STANDARD DS	12.7	139.2	25.4	140	.3	25.2	11.7	785	3.00	18.3	6.2	44.0	3.1	50	5.6	3.9	6.1	63	.78	.096	12	191.1	.70	137	.103	16	2.01	.032	.15	4.7	.18	3.6	1.1	<.05	7	5.1

Standard is STANDARD DS5. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



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
KEYC-S16	.5	25.4	29.2	87	.1	23.9	11.5	589	3.23	7.6	1.0	<.5	8.7	5	.2	2.2	.4	17	.06	.036	32	12.1	.32	39	.004	1	.92	.003	.03	.1	.01	1.0	<.1	<.05	4	<.5
KEYC-S17	.5	26.0	23.4	73	.1	25.5	11.6	525	2.79	5.3	3.9	.8	7.8	39	.2	.5	.3	14	.63	.059	34	14.6	.46	83	.006	3	1.09	.005	.06	.1	.04	1.5	.1	<.05	3	.5
KEYC-S18	3.6	20.9	19.3	42	.5	15.0	5.8	216	1.63	9.6	2.5	2.9	5.0	51	.1	1.8	.3	13	.68	.030	26	5.8	.20	35	.002	2	.40	.004	.05	<.1	.25	.7	.1	.09	1	.9
KEYC-S19	.3	26.6	24.4	66	.1	24.6	12.0	380	2.85	38.1	.8	8.9	15.8	14	.1	2.9	.3	7	.42	.046	43	7.9	.41	48	.003	2	.70	.004	.06	<.1	.02	1.4	<.1	<.05	2	<.5
KEYC-S20	.5	32.3	23.9	73	.1	25.8	13.2	414	2.72	18.5	1.5	2.8	12.6	28	.2	3.1	.3	12	.52	.051	37	15.0	.53	75	.004	2	1.11	.005	.08	<.1	.02	1.2	<.1	<.05	3	.5
KEYC-S21	1.9	43.9	15.1	89	.1	30.3	14.7	550	3.36	7.7	1.5	1.4	10.1	15	.2	.7	.3	23	.19	.089	49	23.8	.79	97	.009	2	1.49	.004	.06	.1	.02	1.5	.1	<.05	4	<.5
RE KEYC-S21	1.9	45.7	15.7	92	.1	32.3	15.1	564	3.38	8.1	1.4	1.5	9.8	15	.3	.7	.3	24	.19	.086	46	23.0	.79	95	.008	1	1.53	.003	.06	<.1	.03	1.7	.1	<.05	5	<.5
KEYC-S22	.6	22.6	21.8	58	.1	23.3	11.8	475	2.40	69.6	1.8	10.7	5.9	44	.2	26.0	.2	18	.59	.045	27	19.8	.41	40	.009	2	.96	.004	.04	.1	.03	1.3	<.1	<.05	3	.9
KEYC-S23	.6	47.5	16.2	90	.2	62.3	22.4	1635	4.09	89.7	2.4	5.9	4.3	49	.4	36.4	.2	17	.64	.049	16	40.2	.79	71	.009	3	1.53	.005	.06	<.1	.04	2.3	<.1	<.05	4	.8
KEYC-S24	1.3	24.8	15.1	39	.4	11.0	4.1	243	2.01	13.3	.8	.5	1.7	3	.1	5.3	.3	31	.02	.043	28	9.9	.11	56	.004	1	.83	.004	.04	.1	.02	.7	.1	<.05	5	<.5
KEYC-S25	.9	30.3	16.2	73	.1	29.7	12.7	509	3.00	275.8	1.4	31.7	5.8	19	.1	30.6	.3	18	.23	.052	27	17.4	.49	95	.003	2	1.12	.004	.04	.1	.03	1.3	.1	<.05	3	.5
KEYC-S26	1.0	26.3	17.3	67	.2	13.7	7.0	290	3.66	5.8	.8	.5	6.3	7	.1	2.6	.4	17	.02	.041	24	13.6	.31	38	.002	1	1.14	.004	.05	<.1	.01	.9	.1	<.05	5	<.5
STANDARD DS5	13.5	142.2	25.2	139	.3	25.1	11.9	774	3.00	18.9	6.5	44.0	2.9	52	5.6	3.7	6.3	63	.75	.089	15	190.2	.68	143	.100	17	2.00	.033	.15	5.0	.18	3.4	1.0	<.05	7	5.1

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Ryanwood Exploration Inc. File # A405752 Page 1

Box 213, Dawson City YT Y0B 1G0



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	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MREJT-000	1.1	60.7	66.4	364	.3	32.1	17.4	1663	3.56	23.9	1.3	2.4	6.1	8	2.4	1.3	3.0	40	.09	.080	38	24.5	.31	70	.008	2	1.39	.006	.09	.6	.04	2.6	.6	<.05	5	.6
MREJT-100	2.2	113.2	21.8	145	.3	36.3	17.3	769	3.21	24.6	1.6	2.7	5.2	23	.7	1.2	6.3	61	.21	.096	23	32.0	.49	130	.060	1	1.47	.009	.19	7.5	.03	3.6	1.0	.08	5	.9
MREJT-200	1.6	63.7	13.4	94	.2	19.4	8.1	537	2.66	10.5	1.1	6.0	.6	16	.7	.6	6.4	63	.15	.089	16	36.2	.57	110	.041	2	1.84	.009	.09	.8	.05	1.8	.5	.10	8	.9
MREJT-300	3.0	126.2	13.4	144	.4	28.5	7.3	302	2.93	20.0	1.4	2.9	2.4	33	.4	.6	8.7	72	.32	.089	19	42.6	.64	180	.047	2	1.87	.013	.10	.4	.03	3.7	.8	.12	7	1.2
MREJT-400	1.6	232.7	34.6	206	.4	61.4	17.3	343	4.08	31.9	1.4	6.2	4.9	38	.5	.7	5.4	82	.30	.106	24	70.1	.97	372	.085	2	2.45	.013	.38	.9	.04	5.3	1.5	.11	8	1.5
MREJT-500	.9	122.6	43.2	151	.4	16.8	7.7	282	3.19	41.9	1.5	5.8	9.4	18	.8	1.6	13.7	39	.17	.044	30	25.2	.30	116	.038	1	1.16	.008	.16	1.2	.02	3.7	.9	.06	5	1.3
MREJT-600	.9	92.7	9.7	142	.2	28.7	15.9	496	2.91	10.3	1.1	2.6	6.1	15	.5	.8	7.0	46	.15	.058	25	27.9	.40	122	.050	2	1.48	.007	.14	9.1	.03	3.0	.7	<.05	5	.7
MREJT-700	.8	56.3	10.8	83	.1	21.7	9.5	397	2.38	10.1	.8	4.4	4.0	10	.3	.6	4.8	42	.12	.047	18	23.6	.34	98	.040	1	1.19	.005	.08	2.2	.03	2.1	.4	<.05	4	.7
MREJT-800	.9	54.2	10.2	83	.1	17.1	5.8	231	2.47	23.2	1.1	1.7	3.5	10	.2	.7	3.4	43	.07	.036	19	25.2	.40	95	.042	1	1.44	.005	.11	2.3	.02	2.6	.5	<.05	6	.7
MREJT-900	2.4	62.2	9.6	71	.2	18.6	5.7	211	2.56	13.1	1.6	2.0	1.6	18	.2	.7	4.0	69	.10	.063	19	34.8	.48	126	.043	1	1.55	.008	.11	.4	.03	2.6	.6	<.05	6	.7
MREJT-1000	2.1	81.2	10.8	85	.2	24.7	8.4	282	2.81	11.7	2.0	4.0	3.1	18	.4	.8	3.4	60	.13	.076	23	33.7	.50	131	.048	1	1.76	.009	.17	1.6	.05	2.7	.8	<.05	6	1.0
MREJT-1100	.9	57.7	9.0	81	.2	16.2	5.3	221	2.28	11.5	1.0	1.0	.9	13	.4	.6	2.7	39	.09	.067	21	21.9	.30	110	.024	1	1.30	.005	.09	.5	.05	1.3	.4	<.05	5	.7
RE MREJT-1100	.9	59.6	9.0	80	.2	16.5	5.3	225	2.33	11.2	1.1	1.5	.9	13	.4	.7	2.7	39	.10	.069	19	22.0	.31	105	.024	1	1.27	.005	.08	.4	.05	1.2	.4	<.05	6	.6
MREJT-1200	1.9	105.9	12.3	119	.2	27.5	10.4	395	3.13	24.1	1.7	3.5	4.6	31	.5	2.3	3.1	59	.21	.080	26	36.1	.48	163	.045	1	1.60	.012	.22	1.5	.03	3.2	.9	.09	6	1.0
MREJT-1300	1.4	54.7	9.7	93	.1	24.9	8.3	327	2.73	12.3	1.2	1.5	1.8	14	.4	1.0	.7	55	.10	.051	23	29.7	.40	113	.035	2	1.39	.005	.14	.6	.05	2.2	.6	<.05	5	.7
MREJT-1400	.9	83.7	8.2	207	.4	23.2	8.3	482	2.09	7.6	1.0	8.2	1.6	30	1.6	.7	27.4	43	.46	.100	15	24.6	.55	194	.041	2	1.61	.022	.09	2.1	.08	1.8	.4	.06	6	.9
MREJT-1500	1.4	87.1	9.3	79	.2	26.8	8.3	330	2.64	13.6	1.0	2.5	1.7	17	.3	1.0	6.3	56	.16	.064	16	39.3	.54	144	.051	1	1.90	.009	.10	3.5	.04	2.4	.5	<.05	6	.7
MREJT-1600	2.0	53.5	12.2	86	.3	26.2	6.8	351	2.47	12.6	1.4	14.8	.4	16	.4	.6	2.7	67	.12	.082	17	38.8	.40	131	.032	1	1.36	.006	.12	.7	.04	1.3	.5	.07	6	.8
MREJT-1700	2.3	60.7	10.5	83	.2	36.2	10.9	338	2.77	21.5	1.1	6.8	2.1	20	.2	.7	3.9	71	.15	.077	19	55.2	.74	178	.065	2	1.76	.007	.16	1.8	.03	3.0	.7	<.05	6	.8
MREJT-1800	1.6	79.3	18.1	89	.3	32.3	9.3	350	2.64	16.9	1.1	5.1	2.2	14	.2	.9	10.4	54	.14	.067	20	34.3	.47	171	.045	1	1.53	.005	.11	1.9	.03	2.7	.7	<.05	5	.7
MREJT-1900	.9	29.9	19.0	65	.1	18.6	8.2	346	2.41	13.1	.8	3.6	1.4	9	.1	.6	3.7	43	.09	.042	19	26.3	.39	114	.031	<1	1.38	.004	.10	.3	.05	2.0	.5	<.05	5	.7
MREJT-2000	.9	81.2	34.1	117	.4	27.1	10.6	525	2.81	11.9	1.0	2.5	3.4	9	.3	.6	12.5	52	.08	.045	23	32.4	.51	205	.050	1	1.93	.005	.26	24.5	.06	3.5	.9	<.05	8	.6
MREJT-2100	1.1	58.0	19.6	80	.3	23.2	9.3	376	2.67	11.3	1.1	4.2	2.9	11	.2	.6	6.6	48	.10	.045	21	29.3	.46	151	.055	1	1.60	.005	.14	3.2	.04	3.1	.5	<.05	6	.7
MREJT-2200	.9	44.5	12.3	70	.2	20.8	8.2	305	2.48	12.0	1.0	4.2	3.2	10	.1	.5	3.0	43	.09	.040	19	26.2	.46	146	.052	2	1.58	.004	.10	2.8	.04	3.0	.3	<.05	5	.5
MREJT-2300	.9	34.0	10.2	61	.1	20.6	8.6	335	2.30	9.1	.8	1.9	2.1	8	.2	.5	1.1	39	.07	.043	18	22.7	.37	111	.034	2	1.27	.004	.10	.8	.03	2.0	.3	<.05	4	.5
MREJT-2400	1.2	23.3	10.4	63	.1	18.9	7.8	312	2.42	12.9	.8	1.5	1.0	9	.2	.9	1.6	44	.07	.045	18	24.7	.38	102	.031	2	1.37	.005	.10	1.4	.04	1.6	.4	<.05	5	.6
MREJT-2500	.9	20.9	9.3	68	.1	17.4	7.4	304	2.15	9.9	.8	1.2	1.6	8	.2	1.1	1.2	40	.07	.037	17	25.4	.38	117	.041	2	1.29	.004	.08	1.4	.02	2.3	.3	<.05	5	.5
MREJT-2600	1.0	20.3	10.8	62	.1	17.5	8.4	405	2.38	10.4	.8	10.7	1.2	8	.2	.6	1.4	44	.07	.048	18	26.1	.37	100	.035	1	1.33	.004	.08	.8	.04	1.9	.3	<.05	5	.6
MREJT-2700	.8	20.8	9.9	47	.1	15.3	5.7	187	2.13	9.6	.7	.5	1.2	7	.1	.6	.9	43	.06	.034	17	23.3	.32	75	.035	2	1.22	.004	.06	1.4	.03	1.6	.2	<.05	5	.7
MREJT-2800	.9	22.5	13.2	64	<.1	17.5	15.5	988	2.54	10.6	.8	3.1	1.4	8	.2	.5	1.2	44	.07	.037	16	24.6	.38	83	.040	1	1.38	.004	.08	.8	.02	1.8	.2	<.05	5	.6
MREJT-2900	.8	26.7	13.3	70	.1	18.4	8.6	361	2.33	11.5	1.5	1.2	1.5	7	.2	.4	1.9	42	.07	.035	19	27.2	.38	96	.039	2	1.53	.004	.14	1.1	.02	1.8	.3	<.05	6	.6
MREJT-3000	.7	27.3	17.1	83	.1	17.0	9.5	402	2.38	13.1	1.0	14.2	2.3	9	.3	.5	1.8	41	.10	.049	21	24.3	.38	99	.035	1	1.41	.004	.08	.6	.04	2.1	.2	<.05	5	.6
MREJT-3100	.7	22.6	13.0	76	.1	16.7	7.2	265	2.01	9.8	1.7	3.0	2.6	9	.2	.5	.9	34	.10	.043	20	21.8	.35	117	.038	1	1.22	.004	.08	.4	.02	2.2	.2	<.05	4	.7
MREJT-3200	.7	28.4	15.4	90	.1	22.3	8.8	360	2.06	12.8	1.2	1.2	3.4	11	.4	.7	.9	35	.14	.055	20	22.6	.35	105	.037	<1	1.32	.005	.09	.5	.03	2.4	.3	<.05	4	.7
STANDARD DS5	12.9	147.6	25.3	141	.3	25.9	13.0	781	2.99	18.5	6.3	43.4	3.0	48	5.7	3.8	6.0	66	.73	.087	14	188.5	.68	137	.108	18	2.14	.034	.14	4.7	.16	3.6	1.1	<.05	7	5.1

GROUP 1DX - 15.0 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 1 FA _____

DATE RECEIVED: SEP 21 2004 DATE REPORT MAILED: Oct 11/04





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
MREJT-3300	1.0	14.6	13.3	49	.1	10.5	3.4	99	1.77	8.9	.8	.9	.2	9	.1	.6	.6	43	.06	.054	13	20.4	.23	61	.022	3	1.01	.007	.05	.4	.06	.8	.2	<.05	6	.6
MRIF-000	.5	42.4	23.7	148	.2	50.2	20.0	1184	4.30	101.8	1.4	23.9	17.9	45	.3	2.1	.4	59	.74	.063	47	44.1	2.05	172	.091	<1	3.04	.053	.55	.4	.01	6.0	.4	<.05	11	<.5
MRIF-100	.6	50.1	15.3	100	.1	39.0	24.9	650	3.75	212.1	1.1	6.1	13.7	20	.1	.8	.3	33	.11	.037	24	36.5	.90	166	.023	<1	2.08	.004	.43	.2	.01	3.0	.4	<.05	8	.6
MRIF-200	.7	20.5	40.9	86	.1	21.4	7.9	325	2.21	24.1	.7	4.5	4.1	11	.4	.6	.2	35	.11	.043	16	21.3	.41	80	.029	<1	1.17	.005	.07	.2	.03	1.9	.1	<.05	4	.5
MRIF-300	.8	20.1	25.2	80	.1	21.3	8.8	355	2.30	33.7	.8	2.5	2.6	11	.3	.6	.6	37	.09	.051	18	22.5	.42	103	.027	<1	1.24	.005	.08	.3	.03	1.8	.2	<.05	4	.6
MRIF-400	.8	20.1	59.8	87	.1	23.1	8.1	395	2.30	40.5	.8	2.3	2.9	13	.4	.7	.3	38	.15	.046	16	24.0	.45	123	.031	1	1.24	.005	.07	.2	.03	2.0	.2	<.05	4	.5
MRIF-500	1.1	18.5	52.2	117	.1	19.8	10.0	546	2.70	50.2	.7	2.5	1.4	12	1.0	.7	.7	45	.13	.056	15	26.9	.44	113	.027	2	1.52	.005	.10	.2	.04	1.5	.2	<.05	6	.5
MRIF-600	.7	18.3	15.7	81	.1	19.2	8.0	395	2.24	40.4	.9	4.4	1.9	13	.5	.7	.6	40	.12	.049	16	23.4	.40	119	.028	1	1.28	.005	.06	.3	.03	1.6	.2	<.05	5	<.5
MRIF-700	.7	21.6	12.3	64	.1	20.2	7.9	337	2.47	192.6	1.1	6.0	2.3	10	.1	.8	.3	41	.10	.046	16	25.8	.40	111	.033	1	1.23	.004	.09	.3	.05	2.1	.2	<.05	4	.6
MRIF-800	.7	23.3	44.3	91	.2	26.2	12.5	392	2.49	74.7	1.0	6.8	5.9	25	.4	.7	.4	37	.18	.056	20	26.2	.46	162	.050	<1	1.29	.006	.21	.3	.03	2.2	.2	<.05	5	.5
MRIF-900	.8	22.9	47.1	88	.1	25.8	12.2	421	2.82	64.7	.8	8.5	6.1	13	.4	.6	.4	46	.13	.051	20	28.1	.44	113	.054	<1	1.40	.005	.13	.3	.02	2.2	.2	<.05	4	.6
MRIF-1000	.9	29.5	16.2	76	.1	31.2	12.8	389	2.95	36.7	.9	21.9	5.3	19	.2	.6	.3	42	.13	.047	21	29.1	.49	158	.051	1	1.65	.006	.16	.3	.04	2.3	.3	<.05	6	.5
MRIF-1100	.7	25.4	10.1	71	.1	25.6	10.9	354	2.51	32.6	1.0	1.9	3.0	20	.2	.5	.2	37	.16	.049	20	25.2	.44	193	.041	1	1.54	.005	.13	.2	.04	2.2	.2	<.05	5	.6
MRIF-1200	.6	69.0	380.7	1843	.8	23.0	14.4	1072	2.70	232.7	2.1	18.0	12.3	40	6.3	.9	1.0	38	.40	.069	36	25.6	.52	127	.024	1	1.57	.011	.08	.4	.04	3.5	.2	<.05	6	<.5
MRIF-1300	.7	23.8	9.7	66	.2	32.4	10.5	389	2.51	70.4	.8	9.6	5.8	25	.4	1.0	.4	46	.24	.036	18	28.2	.40	174	.052	<1	1.63	.022	.07	1.1	.06	2.7	.1	<.05	4	.5
RE MRIF-1300	.7	21.7	9.2	66	.1	28.9	9.6	366	2.33	66.6	.7	5.7	5.5	23	.4	1.0	.3	43	.23	.034	17	26.3	.38	169	.047	2	1.55	.020	.06	1.0	.03	2.5	.1	<.05	4	<.5
MRIF-1400	.9	30.5	9.9	65	.2	24.5	9.3	460	2.45	48.5	1.3	10.9	4.8	32	.3	.6	.6	45	.33	.059	20	29.0	.41	195	.041	1	1.54	.018	.07	.5	.04	2.8	.1	<.05	5	.7
MRIF-1500	.7	28.1	9.0	69	.1	25.3	8.7	338	2.53	59.1	1.4	8.9	8.2	32	.2	.5	.7	44	.27	.060	29	32.7	.48	182	.046	1	1.61	.011	.13	.5	.05	3.3	.2	<.05	6	<.5
MRIF-1600	.7	37.5	14.0	92	.2	31.1	11.0	491	2.88	72.3	1.7	32.3	11.8	25	.3	.5	.9	51	.37	.061	38	43.6	.55	165	.031	1	2.05	.010	.10	.5	.04	4.9	.3	<.05	7	<.5
MRIF-1700	.9	23.5	11.5	67	.1	26.0	10.3	372	2.63	97.4	1.0	26.1	4.7	28	.2	.6	.8	47	.25	.051	19	28.0	.41	159	.046	1	1.46	.013	.06	1.0	.04	2.5	.1	<.05	5	.5
MRIF-1800	1.5	10.6	11.6	37	.1	13.0	4.8	190	2.38	23.5	.6	2.6	3.2	11	.2	.7	.4	61	.09	.022	15	21.0	.25	119	.043	1	1.27	.005	.04	.2	.03	1.7	.1	<.05	7	.5
MRIF-1900	1.1	45.4	25.6	92	.2	38.1	17.4	502	3.76	59.4	1.8	5.7	5.4	19	.3	.8	.4	47	.11	.065	23	35.5	.55	168	.048	1	2.18	.007	.19	.2	.04	3.2	.4	<.05	6	.6
MRIF-2000	.9	54.3	17.4	84	.1	38.3	25.2	511	3.98	101.9	2.0	8.7	9.2	37	.2	.5	.4	37	.15	.066	30	33.4	.60	117	.052	<1	2.04	.009	.29	.2	.03	3.2	.5	<.05	6	<.5
MRIF-2100	.8	30.4	8.6	69	.1	29.5	13.3	364	2.82	42.3	1.2	6.2	6.7	18	.2	.6	.7	40	.12	.055	23	31.7	.52	144	.060	<1	1.60	.007	.20	.3	.02	2.5	.3	<.05	5	.5
MRIF-2200	.8	26.5	11.3	77	.1	28.1	14.1	438	2.84	118.8	1.3	16.2	7.3	21	.3	.6	.4	43	.17	.071	26	32.3	.54	157	.062	1	1.49	.006	.20	.5	.03	2.6	.3	<.05	5	.5
MRIF-2300	1.1	23.3	22.7	78	.1	24.7	9.4	338	3.40	127.9	1.1	5.0	3.3	15	.2	1.2	.6	49	.09	.064	18	35.1	.51	147	.045	1	1.76	.006	.16	.4	.05	2.3	.3	<.05	7	.6
MRIF-2400	1.3	25.3	35.4	80	.2	23.3	10.3	394	3.38	108.3	1.1	5.8	1.8	13	.3	.6	.7	50	.08	.072	18	34.3	.46	130	.038	2	1.74	.007	.15	.3	.06	1.8	.3	.06	7	.6
MRIF-2500	.9	27.1	12.7	72	.1	25.9	11.2	426	3.06	93.4	1.2	22.9	8.2	16	.2	.7	.6	47	.14	.063	27	34.0	.53	128	.063	1	1.59	.006	.21	.4	.04	2.8	.3	<.05	6	.5
MRIF-2600	.7	22.3	10.0	69	.1	25.1	12.1	464	2.72	47.2	1.1	18.7	6.4	14	.2	.6	.3	41	.14	.062	25	29.3	.50	152	.047	2	1.46	.005	.18	.4	.04	2.4	.2	<.05	5	<.5
MRIF-2700	.8	21.9	13.4	77	.1	24.6	11.2	435	2.73	42.4	1.2	7.6	4.0	15	.3	.6	.4	43	.12	.062	22	28.2	.48	162	.038	1	1.45	.006	.14	.5	.03	2.1	.2	<.05	5	.5
MRIF-2800	.9	24.6	12.8	79	.1	26.3	13.1	472	2.81	47.8	1.2	46.2	4.9	15	.2	.7	.3	42	.14	.066	22	27.1	.52	131	.039	1	1.48	.006	.13	.3	.04	2.2	.2	<.05	5	<.5
MRIF-2900	.8	22.6	10.4	64	.1	21.8	9.9	381	2.42	93.8	1.0	14.0	4.4	15	.2	.7	.3	39	.14	.062	20	24.1	.44	115	.037	2	1.26	.006	.09	.3	.04	2.2	.1	<.05	4	<.5
MRIF-3000	.9	27.8	22.6	74	.1	26.8	12.9	433	2.83	80.8	1.2	7.4	5.3	17	.2	.7	.8	43	.15	.065	22	28.6	.54	152	.038	2	1.57	.007	.15	.5	.03	2.3	.3	<.05	5	.5
MRIF-3100	.8	26.5	13.5	86	.1	27.6	12.8	477	3.05	153.4	1.2	6.7	4.0	19	.2	.7	.8	46	.15	.061	21	32.8	.64	175	.044	2	1.81	.008	.14	.4	.03	2.5	.3	<.05	6	.7
STANDARD DS5	13.1	144.7	25.2	140	.3	24.7	12.0	754	2.98	17.9	6.2	42.0	2.9	47	5.3	4.0	6.0	64	.72	.088	14	190.9	.67	137	.096	17	1.98	.034	.14	4.8	.18	3.6	1.0	<.05	7	4.8

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



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
MRIF-3200	.7	38.5	15.9	84	.1	28.7	13.2	457	3.17	132.9	1.4	8.9	4.3	21	.3	.6	1.7	44	.14	.069	20	29.1	.60	180	.036	1	1.92	.009	.13	.4	.05	2.3	.3	<.05	6	.7
MRIF-3300	.8	43.5	71.4	202	.1	34.2	17.0	437	2.93	70.0	1.5	6.0	6.6	26	.4	.7	.8	36	.18	.077	18	25.7	.55	130	.041	1	1.45	.008	.12	.3	.02	2.3	.2	<.05	5	.6
MRIF-3400	.9	22.1	14.9	57	.1	17.8	6.5	232	2.10	30.5	1.0	3.1	1.6	13	.1	.5	.7	37	.13	.059	15	22.5	.42	110	.031	1	1.41	.005	.08	.2	.03	1.6	.2	<.05	4	.6
MRIFG-000	2.6	33.1	27.0	112	.5	21.4	9.0	531	2.47	16.8	.8	19.6	2.6	10	.9	1.1	2.1	46	.11	.056	16	25.2	.37	111	.039	1	1.17	.006	.08	20.3	.06	2.1	.2	<.05	5	<.5
MRIFG-100	1.8	18.2	17.1	60	.4	9.8	3.8	231	1.85	16.4	.6	2.7	.8	6	.2	.9	1.8	46	.05	.061	9	18.9	.18	49	.032	1	.83	.005	.06	16.7	.07	1.2	.2	<.05	6	.7
MRIFG-200	1.0	12.3	6.4	17	.7	5.6	1.6	50	.97	3.7	.6	1.5	.3	6	.2	.3	.7	21	.04	.098	7	14.7	.05	48	.021	2	.64	.006	.04	3.4	.16	.8	.1	.06	3	.7
MRIFG-300	1.3	24.9	36.6	109	.2	25.4	9.7	454	2.41	15.9	.9	16.0	5.0	12	.5	.8	1.5	42	.16	.066	17	24.3	.40	117	.050	1	1.22	.005	.10	19.0	.03	2.3	.2	<.05	4	<.5
MRIFG-400	1.2	16.1	39.5	52	.2	15.6	5.7	241	2.49	10.6	.5	1.9	2.3	7	.2	.6	.4	46	.05	.040	11	22.3	.27	77	.039	1	1.41	.006	.05	1.0	.08	1.8	.1	<.05	5	.7
MRIFG-500	1.5	60.8	95.0	233	.5	29.3	13.8	846	2.96	19.5	1.4	8.5	4.9	30	1.1	1.4	2.0	48	.31	.084	21	31.9	.50	213	.047	1	2.03	.014	.13	8.9	.10	3.9	.3	<.05	7	.9
MRIFG-600	1.3	41.5	21.1	114	.2	28.1	12.1	534	2.64	17.0	1.1	8.3	5.0	26	.6	.6	1.0	45	.29	.077	16	26.4	.46	238	.056	1	1.80	.010	.13	15.0	.05	3.3	.2	<.05	6	.6
MRIFG-700	1.9	65.0	48.9	386	.3	34.5	15.7	1041	3.38	33.2	1.7	7.1	6.8	39	1.9	.8	3.2	45	.32	.078	20	28.3	.53	187	.054	1	1.84	.012	.11	54.0	.05	4.2	.2	<.05	7	.5
MRIFG-800	3.1	37.7	41.2	144	.4	28.1	10.9	606	2.82	20.0	1.3	3.2	6.5	20	1.0	.9	2.9	53	.21	.066	20	32.8	.51	205	.058	1	1.63	.010	.16	25.4	.04	3.5	.3	<.05	6	<.5
MRIFG-900	1.2	39.8	31.1	145	.1	24.2	10.7	520	2.65	12.1	.8	15.0	6.4	19	.9	.6	1.0	48	.21	.057	18	29.5	.44	167	.055	1	1.56	.007	.07	10.8	.06	2.9	.1	<.05	6	.6
MRIFG-1000	1.0	14.3	5.9	29	.1	7.6	2.4	120	1.41	4.3	.6	4.6	.9	9	.1	.6	.5	43	.08	.055	11	17.0	.08	48	.034	1	1.06	.004	.03	3.6	.05	1.1	.1	.06	8	.5
MRIFG-1100	1.1	20.4	17.1	77	.1	16.7	5.8	279	2.59	11.6	.6	10.2	3.8	11	.3	.9	1.2	52	.12	.052	14	24.1	.26	69	.049	2	1.41	.005	.04	15.0	.08	1.9	.1	<.05	7	.5
MRIFG-1200	.8	36.9	12.7	292	.4	24.6	9.8	537	2.80	10.8	1.0	7.4	3.4	29	1.4	.6	2.0	45	.27	.074	15	27.2	.45	183	.047	1	1.83	.012	.07	6.2	.08	2.7	.1	<.05	6	.8
MRIFG-1300	2.0	56.3	191.6	457	.5	25.1	9.5	781	2.88	15.2	1.4	3.5	7.0	19	2.8	2.2	1.9	44	.28	.067	26	30.3	.43	171	.035	1	1.55	.008	.08	16.0	.06	4.1	.3	<.05	6	.6
MRIFG-1400	1.1	50.5	306.5	453	.6	29.3	11.9	789	2.95	11.4	1.7	13.0	6.5	44	3.4	.7	1.1	52	.42	.087	20	30.4	.55	180	.067	2	1.82	.015	.13	6.9	.05	4.2	.2	<.05	7	.5
RE MRIFG-1400	1.2	53.0	318.2	470	.6	30.1	12.8	816	3.07	11.7	1.8	10.6	6.7	46	3.4	.7	1.2	52	.43	.089	20	31.4	.57	187	.069	1	1.87	.015	.13	7.0	.04	4.4	.2	<.05	7	.9
MRIFG-1500	2.2	23.7	220.3	124	.4	16.4	6.9	403	2.56	12.8	1.1	3.4	2.0	11	.6	.5	.4	51	.10	.069	14	24.5	.33	102	.034	2	1.36	.007	.07	.4	.08	1.9	.2	<.05	5	.7
MRIFG-1600	1.3	20.3	26.7	65	.1	18.8	6.8	292	2.51	11.6	.9	3.3	3.5	11	.4	.6	.3	49	.11	.051	14	24.2	.37	106	.044	1	1.35	.005	.07	.5	.05	2.4	.1	<.05	5	.6
MRIFG-1700	1.3	12.7	33.6	55	.2	14.6	7.4	360	3.33	15.0	.6	3.1	3.5	9	.3	.6	.4	63	.09	.055	10	28.2	.32	91	.035	1	1.95	.005	.04	.6	.07	2.1	.1	<.05	7	.6
MRIFG-1800	1.5	30.5	56.5	143	.1	24.7	10.3	444	2.98	14.2	1.0	10.8	4.0	23	.6	.8	.6	57	.15	.083	17	29.1	.40	110	.054	1	1.34	.007	.08	4.0	.09	2.5	.2	.06	6	.5
MRIFG-1900	1.2	67.1	89.7	216	.2	27.9	17.0	788	3.10	21.4	1.3	7.7	5.7	44	1.3	.7	1.5	50	.20	.074	21	32.7	.55	195	.050	<1	2.10	.008	.15	7.6	.05	3.8	.3	<.05	7	.6
MRIFG-2000	1.0	102.4	40.3	170	.3	25.3	16.0	743	3.00	62.5	1.0	10.6	4.4	14	1.0	.6	4.2	43	.11	.056	17	25.6	.39	137	.044	1	1.66	.006	.07	32.3	.05	2.7	.2	<.05	6	.8
MRIFG-2100	1.2	13.1	13.0	41	.1	11.2	4.4	202	2.27	10.4	.5	2.0	1.5	6	.1	.7	.2	58	.04	.029	11	19.2	.21	49	.043	<1	.93	.003	.03	.7	.04	1.4	.1	<.05	6	.5
MRIFG-2200	.9	14.7	16.5	44	.1	13.0	4.6	216	3.07	13.7	.5	11.0	2.7	6	.1	.7	.3	58	.05	.035	11	23.1	.25	51	.049	<1	1.13	.003	.04	.6	.05	1.8	.1	<.05	6	.5
MRIFG-2300	1.2	30.2	16.0	78	.2	22.2	10.4	401	2.48	14.5	1.2	6.4	2.5	26	.6	.9	.3	48	.17	.090	15	26.2	.39	171	.039	1	1.44	.009	.10	1.7	.11	2.4	.2	<.05	5	.7
MRIFG-2400	1.0	22.6	11.3	77	.1	23.4	11.3	535	2.49	25.1	1.0	29.6	4.2	13	.3	.6	.3	49	.16	.069	16	24.4	.40	105	.045	1	1.20	.006	.08	.9	.08	2.4	.1	<.05	5	.7
MRIFG-2500	2.7	40.6	80.8	169	.8	27.4	17.9	968	3.00	25.2	1.8	9.4	3.0	14	.9	.6	.5	49	.14	.081	14	30.3	.47	123	.036	1	1.50	.006	.11	1.0	.10	2.8	.2	<.05	6	.6
MRIFG-2600	1.5	32.7	82.1	130	.2	27.0	16.1	866	2.81	16.6	1.4	14.2	4.7	13	.7	.6	.4	52	.16	.085	18	28.6	.44	92	.046	1	1.33	.006	.10	1.3	.08	2.6	.2	<.05	5	.6
MRIFG-2700	1.6	23.3	49.3	125	.2	16.1	5.2	259	2.07	17.8	.9	5.7	1.4	12	1.4	.9	.6	46	.11	.074	11	21.3	.25	90	.032	1	.87	.007	.07	1.6	.07	1.7	.1	.06	5	.6
MRIFG-2800	1.2	39.0	73.6	191	.2	31.4	13.4	668	2.88	15.7	1.1	11.7	5.0	14	.8	.7	.8	57	.18	.088	16	29.9	.42	118	.048	1	1.51	.007	.08	5.0	.05	2.7	.2	<.05	5	.6
MRIFG-2900	2.3	32.6	375.5	222	.7	24.4	10.4	760	2.85	14.7	2.1	5.0	4.3	14	1.4	1.0	.8	52	.17	.084	18	28.7	.44	182	.039	1	1.65	.008	.08	2.4	.08	3.0	.2	<.05	6	.5
STANDARD DSS	12.4	146.5	24.7	136	.3	24.4	11.8	754	2.95	17.6	6.1	44.0	2.7	46	5.4	3.6	6.1	62	.69	.095	12	179.7	.64	136	.090	16	1.98	.032	.13	4.7	.18	3.4	1.0	<.05	7	4.6

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



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
MRJT-000	.7	16.7	20.5	53	.1	21.7	9.0	406	2.32	12.2	1.0	2.5	4.9	14	.1	1.1	.3	23	.22	.045	27	16.2	.30	129	.012	2	.91	.004	.04	.2	.03	1.9	.1	<.05	3	.7
MRJT-100	.7	56.9	27.5	78	.1	54.3	19.3	569	3.74	23.3	1.8	5.6	14.1	25	.1	2.5	.6	11	.53	.072	47	15.8	.38	66	.006	1	.88	.004	.05	<.1	.02	2.6	.1	<.05	3	.5
MRJT-200	.4	45.2	33.7	93	.1	53.0	23.9	732	3.99	16.2	1.8	2.8	26.0	23	.2	1.2	.5	4	.28	.058	68	11.2	.45	31	.002	1	.91	.003	.05	<.1	.02	1.8	<.1	<.05	3	<.5
MRJT-300	.5	46.7	52.3	97	.4	46.2	20.0	556	3.95	187.6	1.4	54.7	21.5	25	.3	10.6	.5	3	.44	.067	48	6.8	.26	28	.001	1	.63	.003	.04	<.1	.02	1.7	.1	.11	2	<.5
MRJT-400	.4	34.3	30.2	77	.2	34.0	12.9	575	3.04	24.9	1.5	5.2	15.5	23	.1	2.1	.4	8	.39	.053	46	13.0	.40	53	.003	<1	.96	.003	.05	<.1	.02	1.5	.1	<.05	3	<.5
MRJT-500	.5	35.3	33.9	71	.4	38.8	15.3	1192	2.92	13.9	2.0	1.5	8.2	45	.2	.9	.3	8	.82	.080	31	14.5	.41	56	.003	1	1.08	.002	.05	<.1	.04	1.8	.1	<.05	3	.5
MRJT-600	.8	41.0	29.4	98	.1	44.2	16.8	486	3.76	21.4	2.2	4.1	23.6	14	.1	1.0	.5	3	.23	.041	49	9.3	.28	23	.001	<1	.65	.003	.04	<.1	.03	1.4	<.1	<.05	2	.6
MRJT-700	1.3	56.5	45.0	111	.3	68.2	25.1	1007	5.10	81.3	2.5	12.2	19.5	31	.2	5.1	.7	5	.51	.060	51	8.9	.26	50	.001	<1	.60	.004	.04	<.1	.02	2.5	.1	.08	2	.9
MRJT-800	1.0	34.3	27.1	91	.2	38.7	13.7	487	3.17	53.3	1.5	13.1	11.8	17	.2	2.6	.4	9	.34	.049	38	10.0	.24	58	.006	<1	.71	.004	.04	.1	.03	2.0	<.1	<.05	2	.8
MRJT-900	.5	31.0	33.6	70	.1	32.7	12.7	623	2.98	15.5	1.9	5.1	7.7	53	.1	.8	.4	5	1.30	.071	34	8.4	.27	29	.005	<1	.62	.005	.04	<.1	.02	1.7	.1	.07	2	.6
MRJT-1000	.6	21.9	20.6	58	.1	27.7	10.6	526	2.50	9.3	1.3	1.7	4.6	18	.1	.8	.3	28	.37	.054	24	19.1	.35	175	.012	<1	1.17	.004	.04	.2	.04	2.5	.1	<.05	4	.7
MRJT-1100	1.0	17.7	17.8	48	.1	21.5	9.2	315	2.66	10.2	.8	1.3	4.7	9	.1	.7	.2	34	.10	.033	20	18.7	.32	95	.018	<1	1.16	.003	.04	.2	.03	1.8	.1	<.05	4	.6
MRJT-1200	.7	13.4	23.7	48	<.1	18.0	7.1	270	2.06	33.0	.5	7.6	3.7	9	.1	2.4	.1	32	.11	.038	14	17.9	.29	97	.022	<1	.95	.004	.03	.2	.03	1.6	.1	<.05	4	.5
MRJT-1300	.7	26.7	67.3	116	1.0	28.8	13.0	939	3.08	24.6	1.3	4.5	12.8	9	.7	5.7	.3	16	.14	.026	39	8.7	.13	100	.007	2	.65	.003	.07	.1	.04	1.7	.3	<.05	2	<.5
MRJT-1400	.5	14.8	17.9	43	.2	13.9	7.0	673	1.57	8.0	1.0	.6	2.0	73	.2	.7	.2	11	1.66	.086	20	7.8	.13	81	.008	1	.53	.007	.04	.1	.08	1.1	.1	.13	2	.7
MRJT-1500	.6	17.9	15.8	47	.1	24.9	9.0	262	2.11	16.8	.9	5.2	5.7	11	.1	1.0	.2	25	.15	.055	21	17.4	.33	125	.015	<1	1.02	.004	.03	.1	.03	1.9	.1	<.05	3	<.5
MRJT-1600	2.1	37.6	29.7	116	.2	65.3	13.7	358	3.08	114.2	2.0	138.8	6.8	11	.6	4.2	.3	10	.27	.046	36	7.0	.11	94	.004	1	.76	.005	.04	<.1	.03	1.6	.1	<.05	2	1.2
MRJT-1700	.5	16.8	23.5	51	.1	20.1	6.5	370	2.21	39.5	1.4	8.1	3.4	29	.2	2.1	.2	19	.56	.077	25	14.4	.30	124	.010	1	.94	.006	.05	.1	.04	1.8	.1	<.05	3	.5
MRJT-1800	.6	24.6	21.2	48	<.1	31.8	13.1	519	2.89	55.2	.8	8.1	13.2	8	.1	7.1	.2	20	1.10	.024	36	16.0	.40	122	.008	<1	1.30	.003	.03	.1	.02	2.5	.1	<.05	4	.5
MRJT-1900	.7	36.8	32.9	79	.3	47.1	18.8	734	3.36	40.0	1.3	6.8	19.6	12	.2	3.0	.4	12	.18	.046	57	15.2	.41	69	.007	<1	1.06	.003	.04	.1	.02	1.8	.1	<.05	3	.5
MRJT-2000	.7	23.0	22.6	55	.1	27.8	11.9	467	2.61	28.7	1.4	3.8	6.0	15	.2	1.5	.2	18	.24	.046	32	13.8	.32	94	.009	1	.95	.003	.04	.1	.01	1.4	.1	<.05	3	<.5
RE MRJT-2000	.5	24.9	23.5	60	.1	28.8	13.2	498	2.83	29.9	1.5	2.3	6.7	15	.1	1.9	.3	20	.25	.050	35	14.6	.34	101	.009	<1	1.03	.003	.04	.1	.02	1.6	.1	<.05	3	.5
MRJT-2100	.7	19.5	17.9	81	.1	22.4	8.2	462	2.54	74.5	.8	19.1	3.5	32	.4	5.0	.2	27	.64	.057	22	18.7	.30	117	.015	1	.91	.005	.04	.3	.03	2.4	.1	<.05	3	.5
MRJT-2200	.8	55.3	45.4	116	.2	70.2	30.3	1909	4.05	47.6	2.1	7.9	15.8	24	.3	3.1	.6	12	.59	.086	45	14.9	.38	93	.008	1	.97	.006	.05	<.1	.06	2.3	.1	<.05	3	.5
MRJT-2300	2.7	68.3	47.9	170	.6	80.6	22.5	426	4.65	40.3	5.3	11.4	20.1	14	.5	7.7	.9	8	.17	.041	43	11.5	.28	39	.004	<1	.67	.004	.02	<.1	.03	1.9	<.1	<.05	2	2.4
MRJT-2400	.6	29.8	34.7	89	.6	37.8	13.4	706	3.07	53.2	1.3	15.8	11.0	21	.6	5.1	.3	13	.40	.037	38	13.5	.30	91	.005	<1	.99	.004	.03	<.1	.04	2.9	.1	<.05	3	.6
MRJT-2500	.5	27.8	36.7	101	.2	33.8	12.5	1095	3.04	47.2	1.1	22.3	12.0	15	.4	5.2	.3	8	.45	.082	37	6.7	.15	73	.005	<1	.67	.003	.04	.1	.01	2.8	.1	<.05	1	<.5
MRJT-2600	.7	22.2	18.1	54	.1	27.7	11.0	403	2.48	14.9	.9	3.8	6.6	11	.2	2.1	.2	29	.16	.047	24	26.8	.42	100	.025	1	1.17	.004	.04	.1	.03	2.1	.1	<.05	3	.6
MRJT-2700	.8	12.8	20.4	37	.1	15.7	7.0	312	2.10	38.1	.7	4.1	2.0	10	.1	2.9	.2	28	.09	.049	19	16.4	.26	69	.019	<1	.84	.004	.04	.1	.02	1.2	.1	<.05	3	<.5
MRJT-2800	.7	19.0	18.6	53	.1	23.3	8.7	298	2.54	17.3	1.0	3.2	5.8	13	.2	1.8	.2	26	.21	.045	34	16.6	.33	154	.013	<1	1.10	.004	.03	.1	.02	2.0	.1	<.05	3	<.5
MRJT-2900	.6	14.4	14.0	48	<.1	19.8	7.5	298	2.16	26.8	.7	5.3	2.2	10	.1	1.1	.2	28	.13	.036	19	16.0	.25	109	.016	<1	.97	.004	.03	.2	.03	1.6	.1	<.05	3	.5
MRJT-3000	2.9	38.2	70.7	138	1.9	52.0	16.2	817	3.31	218.1	1.6	45.7	9.1	18	.8	8.9	.4	8	.31	.050	40	5.9	.10	61	.004	1	.56	.004	.05	.1	.03	2.1	.1	<.05	2	.8
MRJT-3100	.7	16.7	17.3	49	.2	18.3	6.8	314	2.05	19.2	.7	5.8	5.3	11	.1	1.1	.2	23	.17	.048	26	14.1	.30	120	.013	<1	.92	.004	.06	.1	.04	1.7	.1	<.05	3	<.5
MRJT-3200	.7	17.5	19.8	46	.1	17.9	9.0	352	2.50	13.4	.7	.9	3.9	9	.1	1.8	.2	29	.11	.036	30	16.5	.30	130	.016	<1	1.14	.004	.07	.2	.02	1.5	.2	<.05	4	<.5
STANDARD DS5	13.1	143.0	25.8	137	.3	25.9	12.3	790	3.03	18.2	6.3	44.5	2.9	47	5.6	3.9	6.3	63	.72	.092	13	192.0	.69	137	.101	19	2.11	.033	.15	4.9	.17	3.6	1.1	<.05	7	5.2

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



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
MRJT-3300	1.1	18.6	20.3	48	<.1	20.6	7.8	266	2.48	22.8	1.0	5.8	1.3	7	.2	1.0	.2	36	.07	.050	24	18.4	.28	94	.010	1	1.08	.004	.03	.2	.05	1.0	.1	<.05	3	.7
MRJT-3400	.8	25.9	29.1	69	.1	35.0	13.8	735	3.23	10.2	.9	1.5	9.0	16	.2	.7	.3	32	.24	.050	26	16.8	.34	110	.018	2	.90	.004	.04	.2	.03	2.3	.1	<.05	3	<.5
MRML-000	.4	33.6	38.1	125	.2	39.6	16.5	971	3.12	56.9	1.5	1.7	11.8	18	1.2	.5	.4	19	.26	.055	30	12.4	.33	82	.007	1	.83	.003	.06	.2	.02	2.0	.1	<.05	3	<.5
MRML-100	.4	14.0	36.1	355	1.0	12.0	6.1	352	2.53	40.6	.9	2.0	6.5	14	2.3	1.0	1.9	17	.29	.039	21	8.8	.12	109	.002	1	.65	.003	.07	.1	.03	1.4	.1	<.05	2	<.5
MRML-200	.5	27.6	23.1	157	.2	31.2	12.9	653	2.88	28.3	.9	3.3	9.5	20	1.9	.6	.3	18	.41	.043	20	11.3	.30	48	.006	1	.74	.002	.03	.1	.02	1.7	<.1	<.05	2	<.5
MRML-300	.6	26.7	37.7	113	.2	21.7	9.4	740	2.94	26.4	1.0	7.5	2.4	48	.9	.9	.3	23	.96	.070	12	9.9	.19	73	.012	2	.71	.007	.04	.1	.05	2.2	.1	.06	2	<.5
MRML-400	.4	35.0	56.0	140	.4	28.5	13.4	996	2.88	29.5	1.3	4.7	7.3	34	1.5	.7	.4	20	.48	.063	24	14.0	.30	92	.014	1	.80	.005	.03	.4	.05	2.5	.1	<.05	2	<.5
MRML-500	.8	53.0	50.7	114	.6	33.7	16.9	1043	3.53	42.2	1.4	7.0	9.1	19	.8	1.9	.4	19	.22	.050	30	15.0	.34	91	.009	1	.99	.004	.04	.1	.03	2.3	.1	<.05	3	<.5
MRML-600	.9	38.5	26.8	74	.1	34.2	14.0	645	2.85	20.1	.9	2.9	6.3	9	.3	.6	.3	31	.09	.042	27	26.3	.55	84	.014	1	1.35	.003	.03	.2	.03	2.1	.1	<.05	4	<.5
MRML-700	1.3	66.8	23.6	63	.2	36.9	12.9	620	2.72	14.3	1.4	4.5	2.5	18	.2	.6	.3	29	.13	.062	38	35.3	.59	77	.011	2	1.27	.004	.04	.2	.04	1.8	.1	<.05	5	<.5
MRML-800	.7	14.5	9.2	38	.1	13.2	5.5	253	1.77	7.6	.5	6.0	.9	8	.2	.5	.2	28	.07	.043	14	16.0	.27	52	.020	<1	.75	.004	.03	.1	.05	1.2	.1	<.05	3	<.5
MRML-900	1.2	49.6	37.3	99	.3	41.5	13.5	1016	2.73	10.8	1.0	2.5	2.2	22	.3	.6	.3	30	.23	.054	32	34.7	.58	104	.012	1	1.24	.003	.04	.1	.03	1.8	.1	<.05	5	<.5
MRML-1000	.7	22.2	14.1	52	<.1	25.0	10.6	509	2.41	11.2	.7	1.8	3.5	16	.1	.5	.3	31	.07	.043	21	28.0	.49	60	.017	<1	1.05	.004	.03	.2	.03	1.6	.1	<.05	4	<.5
MRML-1100	1.0	16.7	133.2	83	1.1	11.7	5.5	250	2.27	9.6	.7	1.9	1.1	6	.5	.6	.3	42	.04	.036	20	16.1	.20	51	.019	1	.90	.002	.03	.2	.06	1.1	.2	<.05	5	<.5
MRML-1200	.8	23.3	39.9	74	.2	19.0	8.9	399	2.45	11.5	.9	3.9	2.2	9	.9	.7	.2	39	.07	.043	20	21.1	.38	73	.021	1	1.17	.003	.03	.2	.03	1.6	.1	<.05	4	<.5
MRML-1300	1.1	46.5	14.7	201	.1	34.6	18.9	1212	3.09	4.5	1.7	1.4	10.5	7	1.6	.3	.3	21	.05	.036	54	16.1	.29	51	.011	<1	.81	.003	.03	.1	.03	1.9	.1	<.05	3	<.5
MRML-1400	.6	67.3	174.6	242	.9	34.9	21.4	1711	3.76	13.0	1.8	4.7	13.8	8	1.8	.7	.4	19	.04	.049	42	16.5	.50	44	.006	1	1.25	.002	.04	.1	.05	2.1	.1	<.05	5	<.5
MRML-1500	.7	21.6	27.6	90	.5	23.6	8.4	393	2.40	46.0	.9	6.3	2.9	7	.9	.7	.2	26	.07	.047	23	15.9	.26	59	.013	1	.81	.003	.03	.1	.04	1.4	.1	<.05	3	<.5
MRML-1600	.7	41.3	49.0	152	.3	40.4	21.8	978	3.79	127.1	1.4	28.2	16.3	14	1.3	2.8	.3	7	.15	.040	39	6.0	.16	88	.006	<1	.38	.003	.04	.1	.02	2.3	<.1	<.05	1	<.5
RE MRML-1600	.6	39.0	47.0	145	.3	37.5	19.7	918	3.60	124.6	1.4	16.8	15.7	13	1.4	2.5	.3	6	.14	.039	35	5.5	.15	84	.005	<1	.36	.002	.03	<.1	.01	2.0	<.1	<.05	1	<.5
MRML-1700	.7	45.9	1038.7	641	9.3	29.8	13.7	1319	3.16	79.5	1.0	22.4	9.6	14	8.4	5.2	.7	16	.23	.049	29	12.0	.26	81	.009	<1	.69	.003	.04	.1	.03	2.1	.1	<.05	2	<.5
MRML-1800	.5	29.8	26.9	72	.2	32.3	14.7	656	2.99	54.3	.9	5.9	8.3	17	.3	1.7	.3	16	.41	.047	33	13.2	.31	96	.008	1	.85	.004	.03	.1	.02	2.1	<.1	.06	3	<.5
MRML-1900	.7	40.7	113.4	219	.9	37.1	17.9	910	3.83	41.6	1.2	2.7	15.4	17	1.5	1.1	.4	14	.29	.043	45	17.6	.56	67	.007	<1	1.22	.003	.04	.1	.02	2.1	<.1	<.05	4	<.5
MRML-2000	.5	30.7	44.9	454	.5	29.1	12.3	854	3.09	33.2	1.3	8.4	11.5	20	5.7	.8	.4	17	.33	.044	46	15.3	.41	74	.009	1	.94	.003	.04	.2	.02	2.2	.1	<.05	3	<.5
MRML-2100	.5	21.0	35.7	74	.3	22.9	9.6	773	2.53	53.5	.9	3.0	5.4	27	.7	.8	.3	20	.38	.048	24	14.3	.31	118	.009	<1	.87	.003	.05	.1	.03	2.0	.1	.06	3	<.5
MRML-2200	.5	23.0	26.7	78	.2	23.0	10.3	640	2.45	32.5	.7	3.9	3.3	32	.5	.8	.3	16	.58	.076	24	12.4	.30	76	.010	<1	.70	.005	.04	.1	.04	1.8	<.1	.06	2	<.5
MRML-2300	.8	17.5	16.9	59	.1	21.0	9.0	377	2.39	18.3	.8	1.2	2.0	13	.2	.7	.2	31	.15	.048	16	20.5	.41	121	.015	1	1.17	.004	.05	.1	.03	1.4	.1	<.05	4	<.5
MRML-2400	.4	18.7	13.8	53	.6	21.0	9.5	811	2.00	55.4	.7	25.9	5.6	20	.3	1.3	.2	23	.37	.035	25	13.1	.27	101	.017	1	.60	.005	.04	.2	.04	2.7	.1	<.05	2	.6
MRML-2500	.7	11.7	15.5	39	.1	13.1	6.1	285	2.18	12.1	.6	2.5	1.9	10	.1	.6	.2	36	.10	.035	18	17.4	.26	117	.018	<1	.93	.003	.03	.2	.03	1.5	.1	<.05	4	<.5
MRML-2600	.5	9.6	19.3	31	.1	9.2	4.1	193	2.09	14.6	.5	3.2	1.9	5	.1	.5	.2	32	.04	.031	13	16.0	.20	56	.011	1	.96	.002	.03	.2	.05	1.3	.1	<.05	4	.6
MRML-2700	.5	18.5	25.8	55	.3	20.8	9.6	689	2.46	34.4	.8	8.6	7.2	18	.2	.8	.2	19	.27	.053	24	13.5	.26	84	.010	<1	.65	.004	.04	.2	.04	1.8	.1	<.05	2	<.5
MRML-2800	.5	21.4	22.5	52	4.9	25.7	10.8	647	2.41	53.5	.9	20.2	7.5	18	.1	2.5	.3	14	.30	.041	31	10.3	.20	69	.008	<1	.57	.002	.03	.2	.02	2.2	.1	<.05	2	<.5
MRML-2900	.5	36.6	24.0	75	.2	29.4	13.8	613	3.07	52.7	.9	7.4	10.0	26	.2	.9	.4	13	.41	.058	34	11.2	.30	67	.008	1	.66	.003	.05	.1	.02	2.1	.1	<.05	3	.7
MRMLF-000	.8	23.5	12.1	70	.1	24.0	9.5	274	2.64	13.1	1.2	1.8	5.5	15	.2	.6	.2	32	.12	.049	24	23.4	.51	116	.027	<1	1.53	.005	.11	.2	.02	2.2	.3	<.05	5	.6
STANDARD DS5	12.4	146.0	24.7	137	.3	25.0	12.5	773	2.94	17.8	6.1	45.0	2.7	45	5.5	3.8	6.0	60	.70	.086	11	189.4	.68	132	.084	20	1.94	.032	.12	5.0	.18	3.3	1.1	<.05	7	5.1

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



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
MRMLF-100	.8	24.1	12.4	87	<.1	23.2	10.6	348	2.60	10.1	1.1	2.2	5.1	14	.2	.6	.2	34	.13	.068	24	22.2	.49	92	.030	<1	1.31	.004	.08	.3	.03	2.0	.2	<.05	4	<.5
MRMLF-200	1.0	18.9	11.7	63	.1	18.0	9.0	351	2.40	12.5	.7	12.3	1.4	11	.2	.6	.2	37	.08	.052	15	21.5	.37	63	.025	1	1.06	.004	.05	.2	.02	1.4	.1	<.05	4	<.5
MRMLF-300	.8	18.3	14.4	77	.1	18.9	8.7	362	2.37	13.7	.9	.5	2.1	9	.3	.7	.3	34	.09	.059	18	21.7	.39	85	.024	<1	1.20	.004	.06	.2	.02	1.6	.2	<.05	4	.5
MRMLF-400	.9	18.2	11.6	56	.1	16.8	7.3	290	2.27	12.2	.9	2.0	2.4	7	.1	.5	.3	33	.07	.046	19	22.5	.37	88	.019	<1	1.30	.003	.06	.2	.03	1.8	.2	<.05	4	.5
MRMLF-500	.8	25.8	11.9	62	<.1	21.1	10.8	363	2.62	9.3	1.0	1.3	3.0	12	.1	.5	.3	35	.06	.044	20	25.6	.49	112	.035	3	1.60	.004	.15	.1	.03	2.2	.2	<.05	6	.5
MRMLF-600	.6	22.9	12.7	73	.1	23.2	11.2	326	2.63	17.8	1.2	2.5	6.1	10	.2	.5	.2	34	.07	.044	23	24.7	.46	153	.039	<1	1.61	.004	.18	.3	.02	2.8	.2	<.05	6	<.5
MRMLF-700	.9	17.9	12.5	70	.1	17.6	7.8	299	2.38	30.1	.8	2.8	1.6	9	.2	.6	.3	39	.08	.052	17	24.3	.40	87	.024	<1	1.43	.004	.07	.3	.03	1.7	.2	<.05	5	.6
MRMLF-800	1.1	22.9	10.8	83	.1	21.7	9.9	433	2.52	12.6	1.1	1.3	2.7	14	.2	.6	.3	43	.12	.082	18	27.4	.47	125	.035	1	1.67	.005	.06	.2	.04	2.6	.2	<.05	5	.8
MRMLF-900	1.9	27.2	11.2	75	.1	19.7	8.9	273	2.45	9.3	1.2	.8	2.1	18	.2	.6	.5	71	.11	.071	16	31.5	.57	140	.051	1	1.68	.007	.06	.2	.03	3.0	.3	<.05	5	.6
MRMLF-1000	2.0	35.1	10.9	103	.2	27.5	10.4	289	2.74	15.5	1.5	3.2	1.2	17	.4	.8	.3	64	.13	.083	16	40.5	.59	213	.043	2	1.80	.008	.06	.2	.04	2.9	.3	<.05	6	.7
MRMLF-1100	1.6	26.0	12.9	88	.1	22.6	9.9	283	2.35	14.3	.9	6.8	1.1	17	.3	.5	.3	58	.11	.074	13	34.8	.55	169	.040	1	1.66	.006	.07	.2	.02	2.2	.3	<.05	6	.7
MRMLF-1200	1.4	40.9	13.8	98	.1	32.2	12.4	335	2.82	18.3	1.3	1.7	2.9	21	.3	.6	.4	73	.17	.073	17	40.6	.66	303	.069	1	1.95	.008	.12	.3	.02	4.3	.3	<.05	7	.9
MRMLF-1300	2.3	50.2	19.3	220	.3	31.2	10.2	329	3.11	13.6	1.4	2.2	1.8	24	.8	.5	1.2	81	.16	.078	15	48.4	.76	192	.066	1	1.89	.010	.11	.2	.03	3.5	.6	<.05	7	.7
MRMLF-1400	1.5	24.1	12.9	108	.2	20.9	9.8	466	2.45	12.8	1.1	3.7	1.2	17	.5	.6	1.1	57	.13	.069	15	30.7	.50	137	.040	1	1.73	.007	.08	.2	.02	2.4	.2	<.05	6	.7
MRMLF-1500	1.3	24.8	11.3	72	.1	23.2	10.2	356	2.26	10.8	1.1	1.4	2.5	17	.4	.8	.2	53	.13	.065	15	27.5	.51	149	.040	<1	1.43	.007	.06	.2	.03	3.1	.2	<.05	4	.8
RE MRMLF-1500	1.3	26.2	12.0	76	.1	23.3	10.4	376	2.37	11.0	1.1	4.1	2.6	17	.6	.8	.2	55	.15	.065	16	30.0	.52	155	.044	<1	1.45	.007	.06	.3	.02	3.2	.2	<.05	5	.6
MRMLF-1600	1.7	26.4	11.0	73	.1	22.9	10.1	299	2.46	11.0	1.3	1.9	1.9	17	.4	.7	.4	59	.12	.073	15	33.0	.57	158	.044	1	1.61	.006	.06	.2	.02	3.3	.2	<.05	5	.8
MRMLF-1700	1.2	20.6	12.4	104	.2	22.0	10.8	455	2.69	11.4	.9	3.6	1.2	16	.2	.6	.2	59	.16	.101	14	34.7	.64	113	.044	<1	1.95	.007	.06	.2	.04	2.5	.1	<.05	6	.6
MRMLF-1800	2.2	38.6	16.8	98	.1	25.5	10.9	342	2.78	20.7	1.6	7.5	2.4	20	.6	.7	.4	57	.16	.097	17	30.4	.53	127	.041	<1	1.60	.007	.08	.3	.03	3.0	.2	<.05	5	.7
MRMLF-1900	2.4	40.5	20.0	128	.2	35.1	14.1	626	3.75	18.2	1.4	1.3	.8	22	.6	.7	.5	61	.17	.079	24	35.1	.45	261	.015	1	1.61	.005	.08	.1	.03	1.8	.7	<.05	6	.7
MRMLF-2000	2.4	34.7	23.0	125	.3	30.6	12.2	491	3.07	20.9	1.4	2.8	3.0	21	.4	.6	.5	62	.15	.099	19	37.2	.60	143	.039	<1	2.03	.007	.11	.3	.02	3.7	.3	<.05	6	.9
MRMLF-2100	1.5	15.9	12.1	70	.3	18.1	7.1	349	2.23	21.8	.9	1.5	.3	11	.4	.6	.3	44	.09	.073	14	26.7	.35	105	.020	<1	1.44	.006	.06	.4	.04	.9	.2	<.05	6	.6
MRMLF-2200	1.8	17.5	18.8	102	.3	19.9	8.5	418	2.59	22.0	.9	5.3	.2	12	.3	.5	.4	59	.09	.082	13	35.8	.47	112	.024	1	1.70	.006	.05	.3	.02	1.0	.2	<.05	7	.7
MRMLF-2300	1.3	18.1	12.2	62	.1	18.9	7.4	271	2.28	19.4	.9	8.9	.9	12	.2	.6	.2	47	.11	.055	15	27.7	.41	133	.028	<1	1.54	.005	.06	.3	.03	1.8	.2	<.05	5	.6
MRMLF-2400	1.2	22.8	11.3	82	.1	22.5	9.1	273	2.24	26.7	.9	<.5	.8	12	.2	.6	.3	50	.10	.044	14	28.9	.42	168	.026	<1	1.41	.005	.05	.2	.02	1.9	.2	<.05	5	.6
MRMLF-2500	2.1	36.0	54.0	222	.4	35.2	13.7	1161	3.42	40.3	1.8	<.5	2.1	14	1.2	.5	.9	47	.07	.046	30	32.5	.48	185	.021	<1	1.57	.004	.08	.2	.03	2.3	.4	<.05	6	.7
MRMLF-2600	.7	17.0	12.2	53	.1	20.0	8.1	222	2.63	13.3	.7	9.9	2.9	8	.2	.5	.2	41	.08	.030	18	26.5	.44	115	.039	1	1.51	.004	.10	.3	.02	2.3	.2	<.05	5	.5
MRMLF-2700	.8	27.2	17.3	83	.1	33.9	14.7	402	3.62	16.8	1.1	2.6	7.1	10	.2	.5	.3	40	.08	.043	27	30.2	.58	211	.052	<1	2.32	.005	.31	.2	.03	2.7	.4	<.05	7	.6
MRMLF-2800	1.0	21.7	25.8	80	.1	29.3	17.5	624	3.22	116.8	1.1	.7	2.0	6	.3	.6	.3	38	.04	.038	23	25.8	.44	107	.029	<1	1.63	.003	.12	.4	.02	1.7	.3	<.05	5	.7
MRMLF-2900	1.0	20.8	25.4	109	.1	15.0	8.6	402	3.12	28.3	.7	1.2	5.3	8	.6	.7	.4	54	.08	.033	17	30.0	.39	102	.037	<1	1.67	.004	.07	.2	.02	2.6	.2	<.05	6	.5
MRTF-000	.5	28.5	66.9	112	.2	31.5	14.4	638	3.43	149.1	1.4	17.2	12.6	19	.3	2.5	.2	24	.22	.054	38	27.2	.60	111	.016	<1	1.69	.005	.21	.1	.02	2.6	.2	<.05	6	<.5
MRTF-100	.4	26.0	20.9	80	.1	28.2	14.4	515	2.96	80.6	1.2	9.5	10.4	25	.2	.5	.3	27	.16	.054	28	29.7	.63	140	.022	<1	1.66	.004	.21	.1	.01	2.5	.2	<.05	6	.5
MRTF-200	.5	41.4	323.8	225	.3	31.8	15.1	666	3.28	121.9	2.0	18.5	14.0	15	.6	1.1	.4	24	.18	.070	49	23.4	.59	139	.010	<1	1.55	.003	.10	.2	.02	2.6	.2	<.05	5	<.5
MRTF-300	.9	46.0	30.9	135	.3	42.3	21.1	715	4.25	100.8	2.5	19.3	15.4	21	.4	7.7	.4	20	.12	.078	49	27.2	.32	61	.007	<1	1.07	.003	.10	.2	.01	3.4	.5	<.05	3	<.5
STANDARD DSS	12.7	142.1	24.3	139	.3	23.7	11.8	774	2.99	17.5	6.3	44.3	2.8	46	5.3	3.9	6.2	61	.71	.097	12	190.6	.67	134	.098	16	2.05	.032	.13	5.0	.17	3.4	1.0	<.05	7	4.7

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



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	Hg	Sc	Tl	S	Ga	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MRTF-400	.7	46.8	41.1	164	.3	39.5	19.2	1040	4.04	87.5	3.4	6.4	17.0	9	.6	4.8	.4	19	.41	.068	61	17.5	.33	75	.005	<1	.89	.003	.06	.2	.02	2.5	.2	<.05	3	<.5
MRTF-500	.6	46.9	141.1	286	.5	37.8	19.4	1172	3.74	82.7	2.0	19.2	15.1	9	2.3	1.1	.3	19	.13	.058	45	19.4	.53	53	.008	1	1.26	.002	.04	.1	.02	1.9	.1	<.05	4	<.5
MRTF-600	.3	48.6	250.8	485	.9	28.2	14.2	1520	3.02	42.1	.9	.8	14.1	23	7.2	.8	.6	15	.41	.059	26	20.2	.63	59	.001	1	1.57	.004	.05	<.1	.04	1.8	.1	<.05	4	<.5
MRTF-700	.8	17.1	17.1	55	.1	16.9	7.9	293	2.49	25.5	.8	3.3	1.8	10	.2	.8	.2	37	.10	.060	22	18.2	.35	115	.013	1	1.21	.004	.07	.1	.02	1.4	.1	<.05	4	.5
MRTF-800	.7	20.9	20.7	60	<.1	18.8	9.4	381	2.69	16.8	.9	4.0	2.7	8	.2	.6	.2	31	.09	.069	27	20.3	.39	51	.012	1	1.22	.003	.04	.2	.03	1.2	.1	<.05	5	<.5
MRTF-900	.8	19.1	20.8	65	.1	21.9	9.3	344	3.01	9.0	.8	2.0	4.9	13	.1	.6	.3	34	.16	.041	23	20.0	.38	90	.021	1	1.09	.005	.06	.2	.05	1.5	.1	<.05	5	<.5
MRTF-1000	.9	16.4	16.4	48	<.1	17.9	6.7	247	2.27	9.3	.7	6.2	3.9	8	.2	.9	.2	36	.09	.029	26	17.3	.32	105	.019	1	1.08	.004	.06	.2	.01	1.5	.1	<.05	4	<.5
MRTF-1100	.9	17.6	14.4	46	.1	16.5	7.9	251	2.39	10.6	.8	8.0	1.3	9	.1	.6	.2	44	.08	.047	17	22.1	.33	91	.024	1	1.36	.004	.03	.2	.03	1.5	.1	<.05	5	<.5
MRTF-1200	1.0	19.6	29.1	58	.1	19.0	9.2	395	2.54	15.7	.8	1.9	3.0	7	.3	.8	.2	40	.07	.034	20	21.1	.39	110	.022	1	1.31	.004	.04	.2	.02	1.8	.1	<.05	5	<.5
MRTF-1300	.7	19.3	14.4	49	.1	19.9	9.3	381	2.30	13.1	.7	2.4	3.9	9	.2	.7	.2	38	.09	.036	19	21.7	.37	85	.038	1	1.18	.004	.05	.2	.03	2.2	.1	<.05	4	.5
MRTF-1400	.7	19.9	21.7	64	.1	23.5	9.7	802	2.24	22.4	.8	2.6	4.3	12	.4	.6	.2	34	.13	.052	23	19.4	.40	147	.025	2	1.07	.005	.07	.2	.05	1.9	.1	<.05	4	<.5
MRTF-1500	.8	19.7	24.5	59	.1	23.3	10.6	430	2.67	39.2	1.1	5.3	4.6	12	.3	.7	.2	45	.13	.054	22	42.0	.48	147	.040	1	1.27	.005	.06	.3	.04	2.5	.1	<.05	4	.5
MRTF-1600	.7	21.7	11.6	60	.1	21.4	9.6	349	2.29	14.8	1.0	5.4	3.2	10	.1	.7	.2	36	.12	.057	20	21.7	.40	105	.031	1	1.14	.004	.04	.2	.03	2.2	.1	<.05	4	<.5
MRTF-1700	1.3	49.6	32.1	113	.4	58.9	47.1	1201	3.35	113.0	3.4	12.9	5.4	11	.5	.8	.3	30	.07	.062	28	20.4	.35	100	.014	<1	1.28	.003	.05	.2	.05	1.7	.1	<.05	5	.6
MRTF-1800	.6	24.7	33.6	59	.2	18.8	12.4	523	2.39	56.3	1.2	10.3	4.8	21	.2	.7	.3	22	.11	.064	27	15.3	.30	112	.014	<1	.92	.004	.08	.2	.03	1.3	.1	<.05	3	<.5
MRTF-1900	.8	16.6	20.3	44	.1	16.5	9.3	317	2.62	23.3	.7	3.9	4.9	9	.2	.5	.2	34	.07	.040	19	19.9	.31	90	.013	1	1.24	.003	.04	.2	.02	1.5	.1	<.05	4	<.5
MRTF-2000	.7	29.4	15.4	57	.1	28.4	11.2	413	2.25	20.9	1.1	6.0	6.5	14	.3	.6	.2	29	.16	.068	22	20.6	.38	161	.029	<1	1.00	.004	.05	.3	.02	2.0	.1	<.05	3	.5
MRTF-2100	.9	21.5	109.3	139	1.1	15.6	6.6	319	2.55	46.4	1.1	1.2	1.8	7	.4	.8	.3	28	.03	.051	24	16.1	.24	86	.007	<1	1.13	.003	.06	.1	.03	1.0	.2	<.05	5	<.5
MRTF-2200	.6	9.4	108.1	120	.2	4.3	2.5	1072	1.11	459.6	1.9	17.3	10.3	24	1.0	1.4	.3	2	.17	.017	32	1.8	.10	48	.001	<1	.65	.002	.09	<.1	.03	.3	.1	<.05	1	<.5
MRTF-A8	.6	42.1	22.9	149	.2	47.0	21.4	1339	4.43	96.7	1.5	11.7	16.3	47	.5	1.6	.4	65	.78	.078	46	48.5	2.42	206	.121	1	3.51	.053	.63	.3	.01	7.0	.4	<.05	14	<.5
MRTF-B 2300	.8	22.5	55.7	100	.5	19.6	21.4	2495	2.42	87.4	1.0	4.5	4.2	18	.9	2.0	.5	15	.17	.088	17	15.7	.29	159	.004	<1	.96	.008	.08	<.1	.06	1.0	.2	<.05	4	<.5
MRTF-B 2400	.9	46.7	84.5	105	.4	36.7	46.9	2342	3.35	121.5	3.1	4.8	6.9	50	.8	1.3	.6	18	.38	.116	25	22.4	.48	187	.005	<1	1.38	.007	.09	.1	.12	1.5	.2	<.05	5	.5
MRTF-B 2500	1.1	11.8	19.4	49	.1	12.2	6.8	334	2.08	30.8	.7	6.1	.6	8	.1	.7	.2	40	.06	.044	17	18.7	.27	84	.021	<1	.96	.005	.05	.2	.03	1.0	.1	<.05	4	.6
MRTF-B 2600	1.2	11.2	14.2	35	.2	8.9	3.5	118	1.49	27.3	.7	7.8	.2	8	.1	.8	.2	33	.05	.060	17	15.3	.20	55	.013	<1	.85	.007	.05	.1	.06	.6	.1	<.05	5	.5
RE MRTF-B 2600	1.2	11.5	15.2	34	.2	8.4	3.5	123	1.55	27.5	.7	7.0	.3	7	.1	.8	.2	31	.04	.062	16	14.7	.19	55	.008	<1	.82	.007	.04	.1	.05	.7	.1	<.05	5	.5
MRTF-B 2700	.6	21.5	14.5	86	.1	22.3	11.5	412	2.71	19.4	.9	1.7	4.0	10	.1	.6	.2	44	.10	.050	18	26.8	.77	90	.046	<1	1.59	.005	.06	.2	.02	2.6	.1	<.05	5	<.5
MRTF-B 2800	.7	12.0	15.4	55	<.1	15.4	6.4	229	2.09	44.1	.7	5.3	1.0	11	.3	.5	.2	35	.11	.053	15	21.9	.33	76	.029	<1	.84	.005	.05	.3	.02	1.3	.1	<.05	4	<.5
MRTF-B 2900	.8	12.5	13.1	59	<.1	15.6	7.0	342	2.28	30.0	.7	1.4	.9	10	.2	.6	.2	35	.09	.050	18	19.0	.35	71	.023	<1	.97	.005	.05	.3	.03	1.1	.1	<.05	4	.5
MRTF-B 3000	.7	20.9	18.7	69	.1	19.4	9.8	530	2.43	48.4	1.1	11.3	2.6	15	.2	.7	.3	34	.16	.051	22	20.6	.70	132	.023	<1	1.34	.006	.07	.1	.02	1.7	.2	<.05	5	<.5
MRTF-B 3100	1.2	13.4	16.7	45	.1	12.5	5.2	187	2.17	52.7	.8	2.6	.4	8	.1	.7	.3	37	.05	.033	16	19.4	.31	57	.017	<1	.99	.005	.04	.1	.03	.8	.1	<.05	5	.6
MRTF-B 3200	.6	30.5	35.6	91	.1	29.5	18.2	663	2.70	26.1	1.0	2.5	6.3	6	.4	.6	.4	24	.06	.052	29	20.0	.51	47	.012	<1	1.24	.003	.04	.1	.02	1.3	.1	<.05	5	<.5
MRTF-B 3300	1.3	18.6	19.9	97	.1	16.1	9.6	422	3.34	109.6	1.0	1.8	2.2	7	.8	1.3	.4	47	.05	.051	20	23.2	.33	91	.026	1	1.12	.005	.05	.2	.03	1.4	.1	<.05	6	<.5
MRTF-B 3400	.8	40.9	21.8	74	.1	32.0	15.8	569	3.49	146.3	3.4	6.5	12.7	20	.1	1.4	.5	21	.15	.058	42	21.9	.55	82	.011	<1	1.38	.006	.09	.1	.02	1.8	.1	<.05	5	<.5
MRTF-B 3500	1.0	12.8	15.6	48	.1	11.2	4.5	174	1.98	22.0	.7	8.0	.7	7	.2	.9	.2	36	.06	.043	16	17.3	.26	56	.021	<1	.91	.004	.05	.1	.04	.9	.1	<.05	5	<.5
STANDARD DS5	13.1	142.9	25.1	134	.3	24.1	12.5	767	2.90	17.8	6.2	44.7	2.7	47	5.2	3.8	6.4	62	.70	.096	13	182.4	.66	135	.099	16	1.97	.033	.14	4.7	.19	3.5	1.0	<.05	7	4.7

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



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
MRTF-B 3600	.2	15.4	11.8	84	.1	13.0	5.8	222	1.42	37.8	1.2	6.4	4.7	7	.4	.6	.1	10	.09	.025	19	9.0	.23	39	.008	1	.58	.002	.04	.1	.01	.9	.1	.06	2	<.5
MRTF-B 3700	.9	24.2	14.8	79	.1	23.9	11.6	546	2.68	23.8	1.1	7.9	3.6	11	.4	1.3	.2	42	.13	.071	23	25.1	.44	139	.026	1	1.33	.005	.05	.3	.03	2.2	.1	<.05	4	.6
MRTF-B 3800	1.1	31.0	29.0	56	1.0	16.9	14.7	1081	3.24	57.3	3.3	3.6	3.3	8	.3	.6	.5	34	.06	.107	58	25.9	.28	191	.008	<1	1.52	.005	.05	.2	.06	1.9	.3	.06	5	<.5
MRTF-B 3900	.7	31.9	41.8	153	.1	34.2	17.0	1313	3.18	33.9	1.4	7.1	14.2	11	1.0	.5	.5	21	.12	.051	31	22.8	.59	77	.006	1	1.59	.003	.08	.1	.02	1.8	.2	<.05	5	<.5
MRTF-B 4000	1.9	48.4	18.3	89	.1	38.0	26.4	1070	3.58	63.8	2.3	4.7	17.4	14	.4	1.1	.5	21	.15	.048	43	23.7	.63	80	.010	1	1.55	.004	.11	.1	.02	2.1	.2	<.05	5	<.5
MRTF-B 4100	.7	29.9	28.7	91	.2	25.4	11.3	546	2.72	25.1	1.4	1.9	6.8	12	.3	.6	.3	32	.17	.056	26	22.5	.49	95	.019	1	1.26	.004	.04	.2	.03	2.0	.1	<.05	4	<.5
RE MRTF-B 4100	.8	28.4	27.7	87	.2	25.2	11.3	553	2.70	25.2	1.3	3.4	6.6	12	.3	.6	.3	31	.16	.058	26	22.8	.48	96	.018	<1	1.26	.004	.04	.2	.03	2.0	.1	<.05	4	<.5
MRTF-B 4200	.9	18.2	21.1	53	.1	15.7	6.6	395	2.13	22.2	.9	2.7	.6	27	.2	.5	.2	33	.37	.067	13	19.0	.31	111	.013	1	.96	.007	.05	.2	.03	.9	.1	<.05	4	<.5
MRTF-B 4300	.8	24.5	16.6	61	.2	27.5	12.0	477	2.62	19.3	1.4	1.4	4.1	11	.2	.6	.3	36	.12	.061	20	22.0	.39	125	.021	1	1.19	.004	.04	.2	.03	1.9	.1	<.05	4	<.5
MRTF-B 4400	.7	31.1	112.4	282	.6	34.7	13.5	1303	3.18	20.0	1.4	1.2	7.3	33	2.9	.6	.4	30	.46	.073	18	28.6	.45	114	.007	1	1.31	.005	.05	.1	.06	3.1	.2	<.05	4	<.5
MRTF-B 4500	.8	27.0	15.4	70	.1	30.7	17.9	894	3.02	118.0	1.1	5.5	4.3	13	.1	.7	.6	37	.12	.056	22	26.4	.47	118	.019	1	1.29	.004	.06	.3	.03	1.9	.1	<.05	5	<.5
MRTF-B 4600	.7	28.2	14.2	59	.1	22.9	9.2	390	2.39	26.4	1.0	7.0	7.4	11	.2	.9	.4	33	.13	.051	22	21.5	.39	89	.031	2	.88	.004	.05	.5	.04	2.0	.1	<.05	3	<.5
MRTF-B 4700	1.0	26.1	13.7	62	.1	23.1	9.3	336	2.55	30.3	1.1	1.1	1.3	9	.1	.7	.3	35	.08	.057	19	23.0	.41	75	.017	1	1.19	.004	.04	.2	.04	1.3	.1	<.05	4	.5
MRTF-B 4800	.9	26.6	12.5	63	.1	28.9	11.9	426	2.88	45.5	1.0	174.9	3.3	17	.2	.8	.3	37	.09	.057	21	28.6	.44	100	.020	<1	1.32	.006	.06	9.6	.03	2.0	.1	<.05	4	<.5
MRTF-B 4900	.8	17.6	17.1	67	.1	17.0	5.6	297	2.11	26.7	.7	8.0	3.5	8	.5	.5	.2	27	.08	.035	21	19.0	.35	84	.012	1	1.07	.003	.04	.2	.01	1.6	.2	<.05	4	<.5
STANDARD DS5	12.5	141.8	24.7	139	.3	24.8	11.6	757	2.90	17.3	6.2	44.7	2.8	44	5.4	3.9	6.1	62	.71	.086	12	184.8	.68	134	.096	16	1.96	.033	.13	4.8	.17	3.5	1.0	<.05	7	4.9

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



1000762238



DATE DUE