

TECHNICAL REPORT  
Scroggie Focussed Regional 2006  
YMIP 06-005  
Gordon G Richards

Figure 1. Scroggie Creek Regional Work. 1:50,000

Figure 2. Lower Scroggie Creek. 1:50,000

Location and Access

The area lies along Scroggie Creek 110 km south of Dawson Creek. Areas prospected lie in upper Scroggie Creek and along the portion upstream from the confluence with Walhalla Creek. Access was made by fixed wing aircraft from Dawson, leaving by fixed wing aircraft to Haynes Junction.

Geology.

Lower Scroggie area lies within the Scroggie Creek batholith a multi-compositional composite batholith containing numerous screens of amphibolite grade metamorphic rocks. Upper Scroggie area lies within metamorphic rocks south of this batholith and adjacent to a second coarse grained granodiorite stock.

Work Done.

Work on the project is divided into the following: MMI soil line from Mariposa Creek northerly across metamorphic rocks to the granodiorite contact south of Camp Creek, two MMI soil lines across projection of a mineralized structure sampled by P43 in 2005, recce silts collected along the upper Scroggie Creek drainage, and recce silt samples collected along lower Scroggie Creek drainage.

MMI analyses is used to “look through” deep overburden including such problematic materials as clay and silt layers and into bedrock over variable depths that is determined by such things as extent of fracturing in

bedrock and presence of water. Transported anomalies are largely “ignored” by the method.

MMI Analysis uses a weak partial extraction scheme. The process measures the mobile metal ions from mineralization, which have moved toward the surface and become loosely attached to surface soil particles. Its effectiveness has been documented in over 1000 case histories on six continents and includes numerous commercial successes. The anomalies are sharply bounded and in most cases directly overlie and define the extent of the surface projection of buried primary mineralized zones. The MMI process is a proprietary method developed by Wamtech of Australia. SGS Minerals Services in Toronto provides analyses in Canada.

Lines were run by hip chain and compass with a few GPS stations recorded along lines for control. Sample interval varied from 10 to 75 m. Watch and ring were removed prior to sampling. Pits were dug by shovel to a depth of 30 cm in order to expose the soil profile for sampling. The profile was scraped clean with a plastic scoop to remove any metal effect from the digging shovel. A continuous strip of soil was collected by plastic scoop from 10 to 25 cm depth below the top of true soil regardless of soil type, placed in a pre-numbered ziplock baggie and placed in an 11 inch by 20 inch 2 mil plastic bag. An appropriately numbered survey ribbon was hung on nearby vegetation. Samples were kept cool and shipped to SGS Minerals Services in Toronto for analyses.

In the lab, samples are not dried or prepared in any way. The MMI process includes analyses of a 50-g sample. Multi-component extractants are used and metals are determined by ICP/MS in the part per billion range. Several element packages are available. Method code MMI-M, the exploration suite of 40 elements was used on all samples from this survey.

Response ratios are calculated for each element and values stacked in a histogram constructed along the soil sample line. The average value for results of the lower quartile is calculated for each element. One-half of detection limit is used for those samples with less than detection values. Then each result is divided by the lower quartile average to obtain its response ratio, rounding to the nearest whole number.

The MMI soil line sampled by Y13 to Y37 and M1 to M14 used a 75 m interval. Results are encouraging. Response ratios are presented on three histograms – one for just gold, one for gold plus silver and one for Au-Ag-Cu-Pb-Zn. Contact of metamorphic rocks with granodiorite occurs somewhere near M10 based on angular rubble on the hillside. The anomalous gold values immediately south of here in samples M1, M2, M4 and M8 are supported by silver in samples Y36, M7, and M8, by Cu in samples M7 and M8, by lead in samples M2, M4, M7, M8 and M9, and by zinc in samples M1, and M2. This anomaly could be reflecting mineralization at some depth within north dipping quartz muscovite schist (that hosts the known geochemical anomalies in the area) where it lies close to the granodiorite batholith. More sampling in this area is necessary to try and show a cohesive geochemical anomaly.

The MMI soil line sampled by Y1 to Y12 used a 10 m sample interval along the Scroggie Creek valley floor in an area stripped of trees several years ago by placer miners working in the area. The line was placed to see if a continuation of the mineralized fault sampled by P43 could be located. P43 assayed 680 ppb Au, 13,161 ppb Ag, 335 ppm Pb, 661 ppm Cu, 64 ppm Mo and 6.58 ppm Te from a one m wide gumbo fault zone trending 153/90. A second wider zone occurred a few metres west but was not sampled. Response ratios of ten or greater are considered significantly anomalous.

Results of the MMI samples returned anomalous values for Zn in several samples particularly to the west somewhat supported by Pb. Highest Au and Bi values less than ten RR occur in the western half of the sample line and could be indicative of the highest placer gold concentrations. Mo RR is highest in the eastern portion of the sample line. Results are considered inconclusive but could be indicating a more thorough grid might be useful in the area.

MMI soil line sampled by P1 to P18 used a 10 m sample interval along a bench on the west side of Scroggie Creek on the southern projection of the mineralization sampled by P43 described above. Results do not indicate any underlying mineralization.

Both upper and lower Scroggie Creek valley was explored by prospecting and silting as indicated on Figures 1 and 2. Silts were collected by a scoop from active silt in flowing creeks. Upper Scroggie Creek was of particular interest as a number of old placer mining cabins was clustered near the upstream contact of a coarse grained granodiorite with metamorphic rocks. Angular float disturbed by recent placer mining activity was prospected with no mineralization found. However it is certain that placer miners will be mining this contact in the near future as good placer gold test results were obtained from a number of pits. Mining cuts will be examined as they progress. The contact was followed in float across the north side of Scroggie valley. Silt samples R387 and R388 repeated the anomalous Pb, W, Bi and Ag found previously from the same creeks. Other silts in upper Scroggie Creek returned low metal values.

In Lower Scroggie Creek four of seven silt samples are highly anomalous for gold (30, 195, 58, and 195 ppb Au) but none have anomalous pathfinder metal values. The high gold silt samples could be related to placer

gold particularly J170 to J174 which were collected from streams cutting an old bench along the west side of Scroggie Creek. Follow-up silting above the bench level and higher along the creek sampled by K10 could help confirm or negate the high gold values.

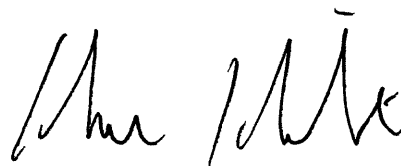
Results and Recommendations.

In lower Scroggie Creek silts with anomalous gold have no support from other elements so caution is advised. Sampling further up these creeks is recommended to determine if the anomalous results are related to bedrock mineralization or pacer gold.

In upper Scroggie Creek anomalous samples near the contact between metamorphic rocks and granodiorite indicate this contact should be prospected further. Significantly higher placer gold straddling this same contact below Scroggie Creek support exploration of this contact.

The MMI soil samples below the RUM RUM claims have mixed results on one line and requires further sampling or follow-up by examining placer cuts as they progress into this area. The MMI results south of Mariposa Creek are highly encouraging and should be followed-up with additional MMI soil lines.

Sincerely

A handwritten signature in black ink, appearing to read "Gordon G Richards". The signature is written in a cursive, somewhat stylized font.

Gordon G Richards

Summary of 2006 work is as follows:

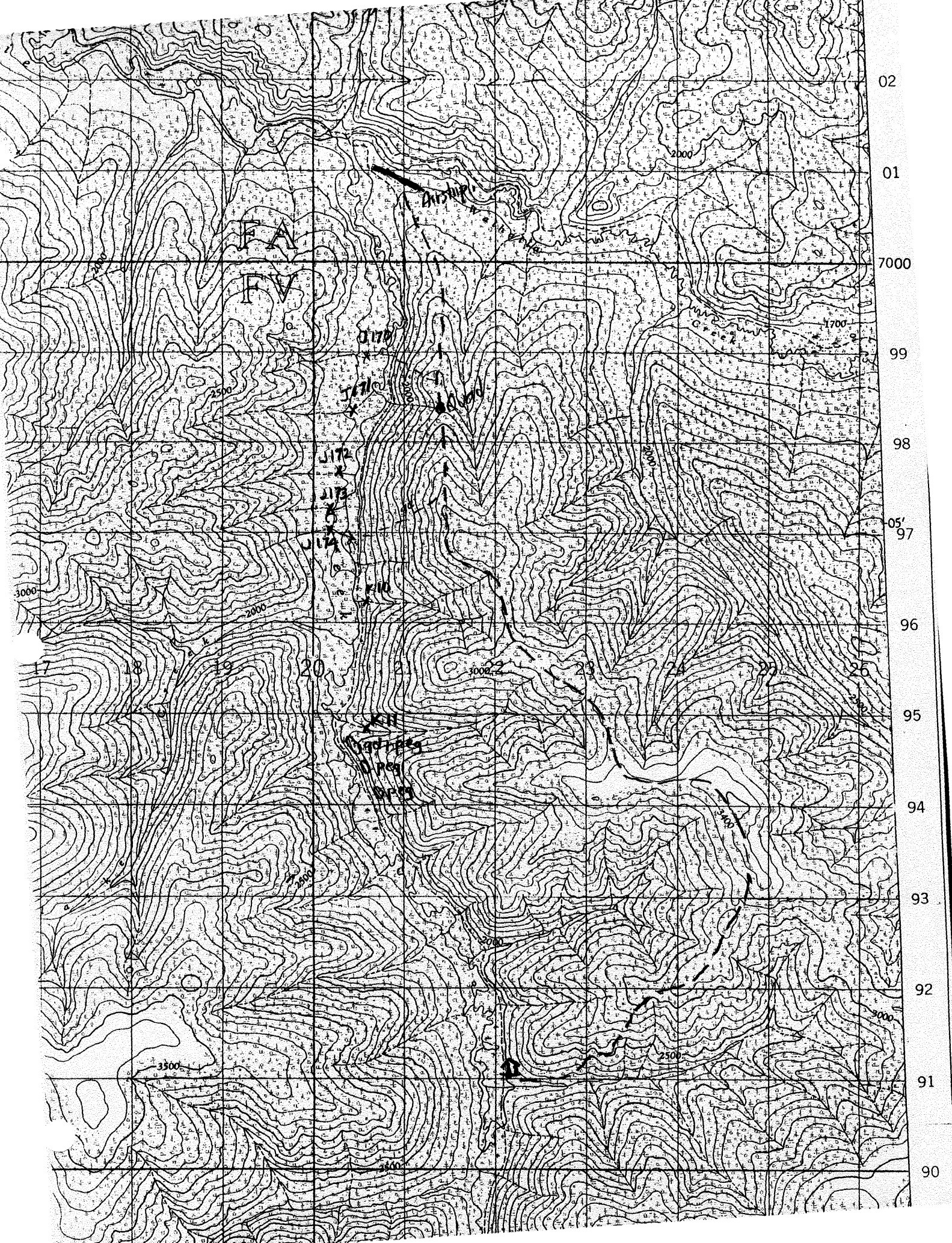
- Sept 8. Travel Whs-Dawson-Scroggie Ck
- 9. Examine floor of new mining cut Lower Scroggie  
MMI sampling across Scroggie valley. Y1-12
  - 10. MMI sampling Mariposa Ck. Y13-37.
  - 11. MMI sampling Mariposa ridge to N. M1-14
  - 14. Upper Scroggie recce. R385-389.
  - 15. Upper Scroggie recce. R390-393.  
Examine recent placer mining cuts and test pits.
  - 16. MMI sampling Lower Scroggie. P1-18.
  - 17. Lower Scroggie recce. K10, K11.
  - 22. Lower Scroggie recce. J170-174.  
Demob property to Whs.

Totals:

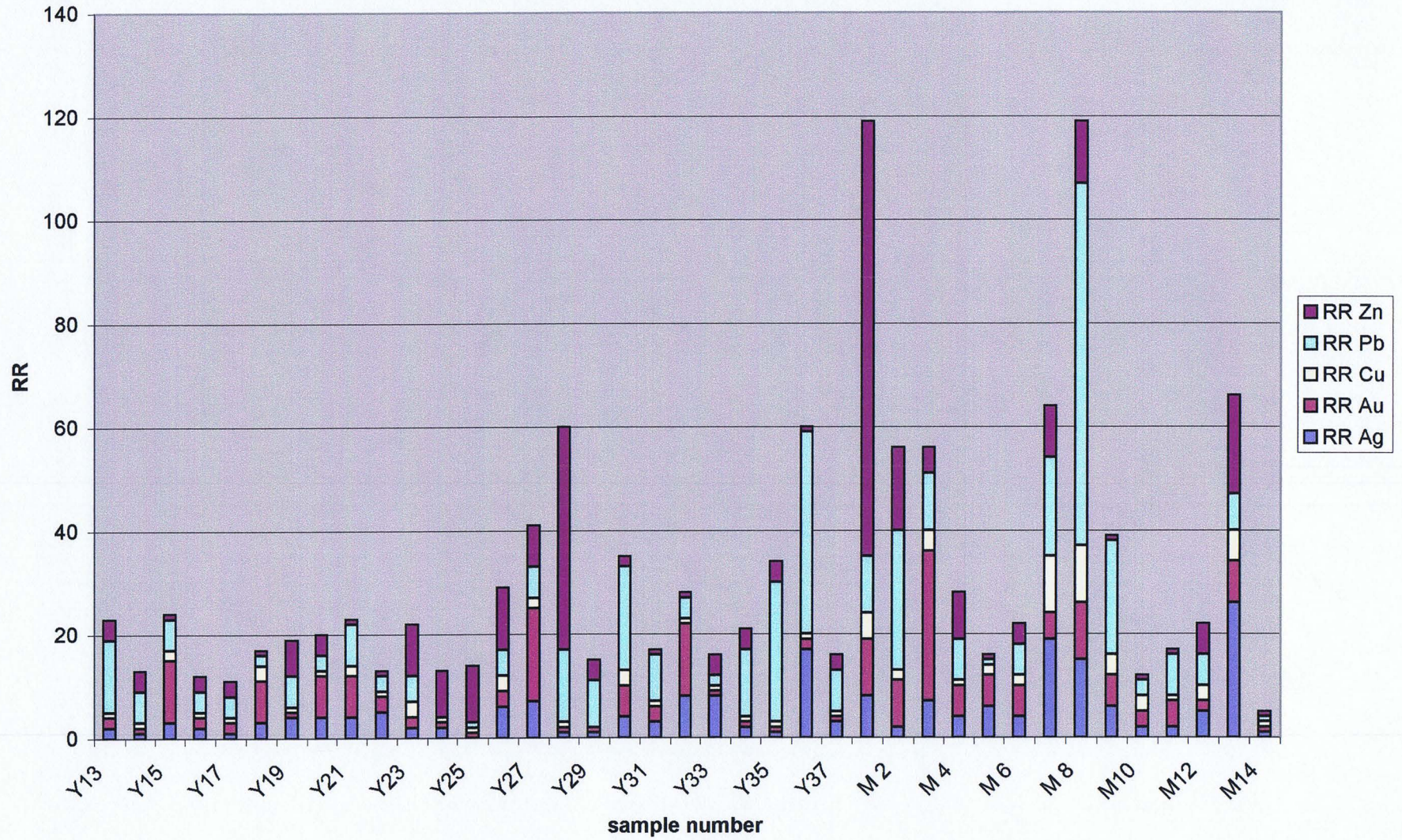
Man days	9 days
MMI soils	69
Silts	14

Expenses:

Air North Whs-Dawson Sep 8	\$ 311.64
Great Beaver Air Dawson-Scroggie Sep 8	560.21
Supplies.	100.00
ATV Rental 2 weeks @ \$500/week	1000.00
Flight Scroggie-Haynes Junction	800.00
Acme analytical	440.95
SGS Labs	2414.68
Freight: Can frt 83.25 + Air Can 68.90	152.15

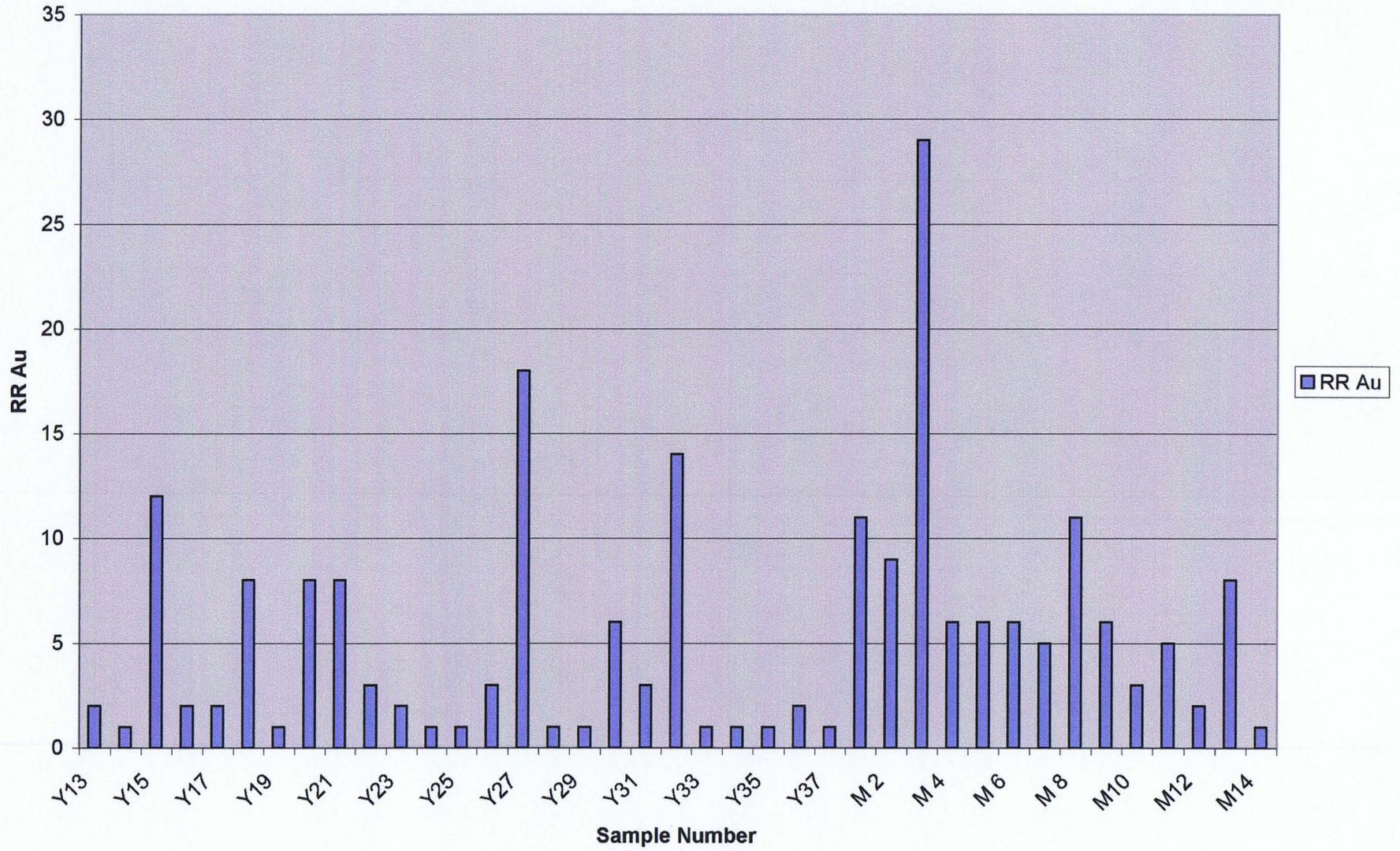


### Stacked Response Ratios

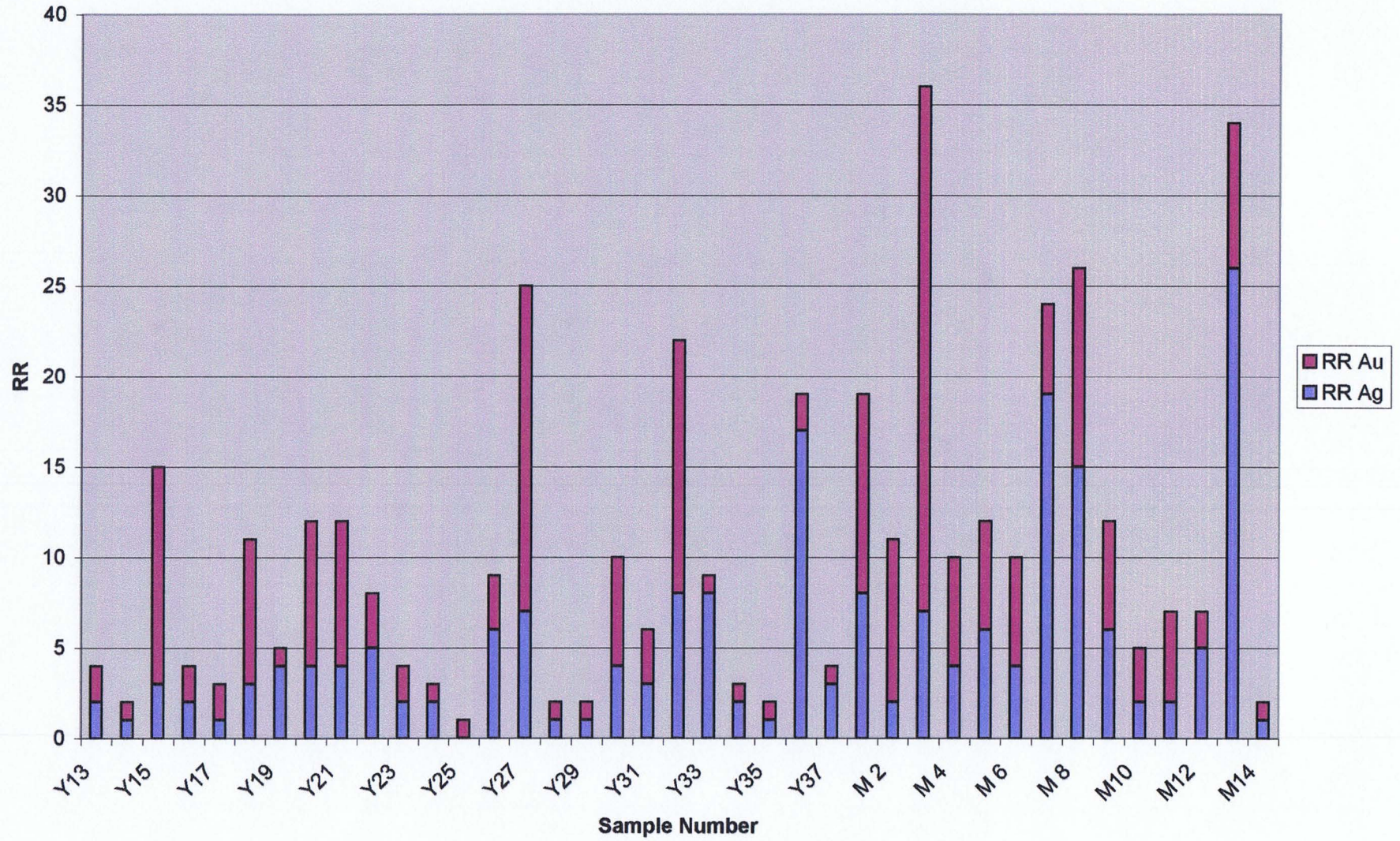




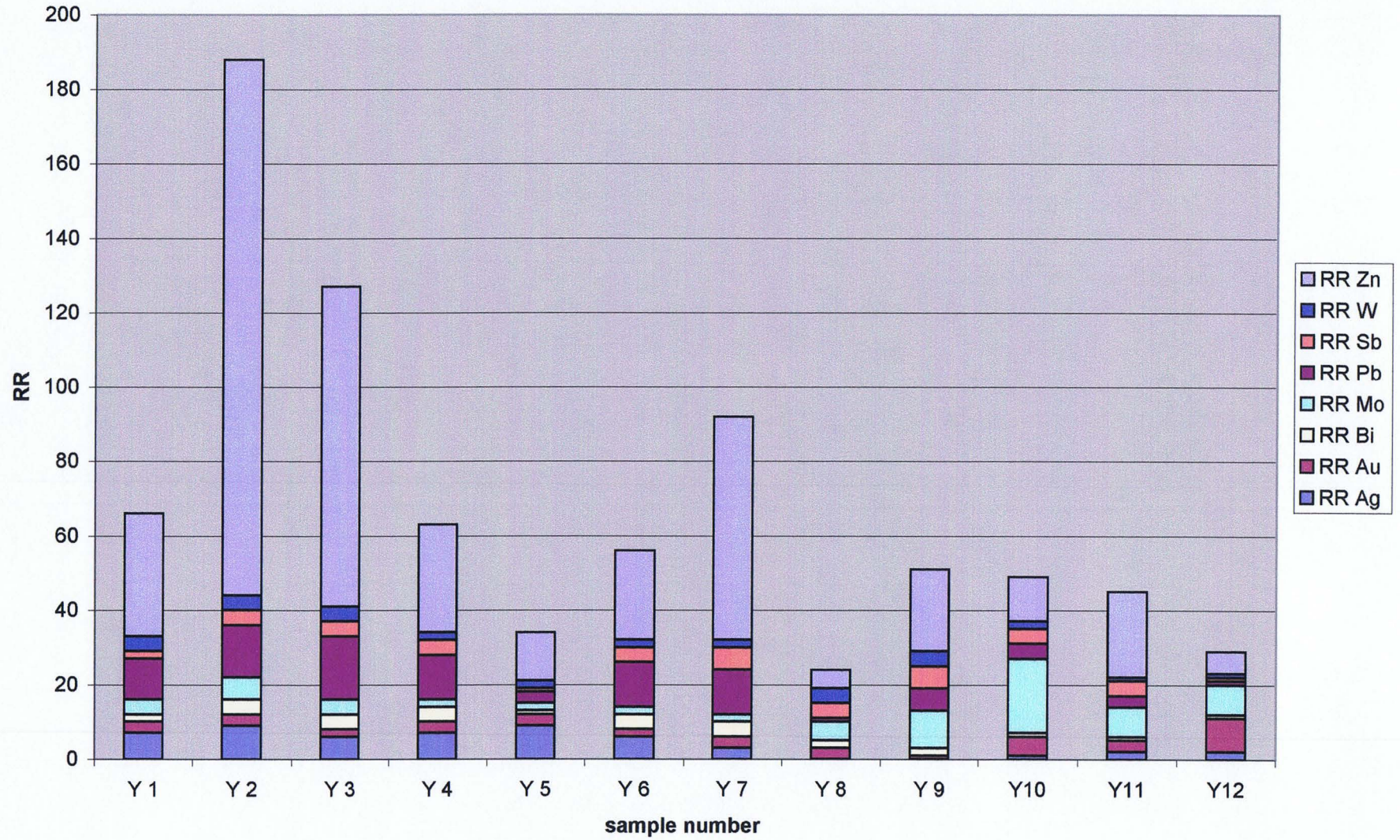
RR Au



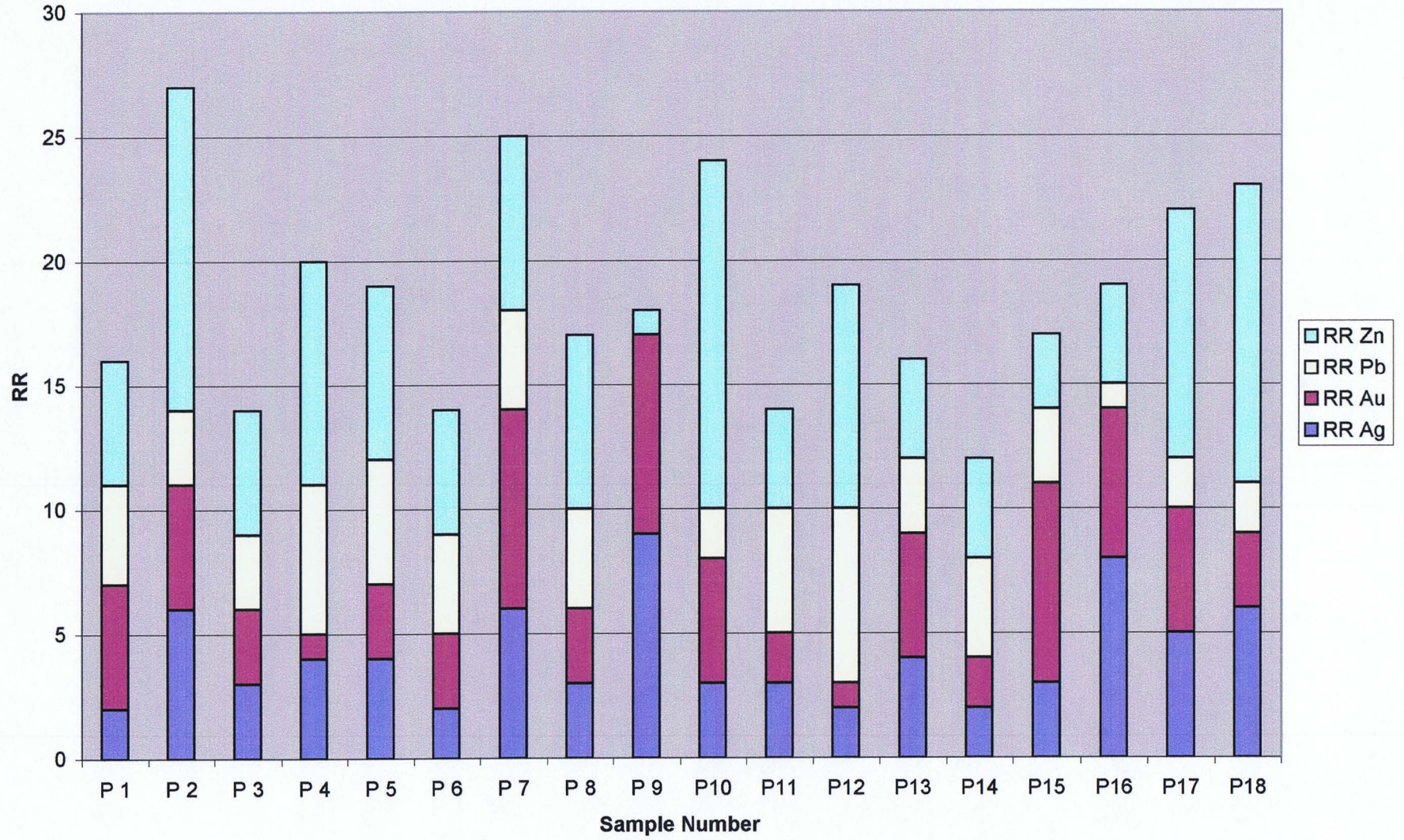
### Stacked Response Ratios



### Stacked Response Ratios



Stacked Response Ratios





GEOCHEMICAL ANALYSIS CERTIFICATE



Richards, Gordon File # A606706  
 6410 Holly Park Drive, Delta BC V4K 4W6 Submitted by: Gordon Richards

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	Sample
	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	gm
G-1	.2	2.2	3.6	48	<.1	4.0	4.5	597	2.13	<.5	2.8	5.1	4.3	95	<.1	<.1	.1	45	.68	.086	9	7	.63	288	.150	1	1.35	.231	.75	.1	<.01	10.3	4	<.05	6	<.5	15.0
J170	.4	11.8	4.8	58	<.1	12.2	7.9	404	2.36	3.7	.8	30.8	3.0	48	.2	.3	.1	54	.72	.156	11	17	.50	164	.062	2	1.01	.020	.08	.4	.01	2.8	1	<.05	4	<.5	15.0
J171	.5	11.9	5.2	56	<.1	11.2	8.7	468	2.84	4.2	.7	9.0	2.8	48	.1	.3	.1	62	.75	.175	11	15	.48	164	.063	1	1.00	.017	.08	.3	.01	2.8	1	<.05	4	<.5	15.0
J172	.4	11.9	4.6	49	<.1	10.3	7.5	389	2.34	3.6	.7	195.5	3.2	46	.2	.3	.1	51	.75	.179	11	15	.45	154	.055	1	.94	.018	.06	.6	.01	2.6	<.1	<.05	3	<.5	15.0
J173	.4	12.7	4.9	55	<.1	12.5	8.6	474	2.38	3.7	.7	15.0	3.3	50	.1	.3	.1	54	.78	.152	12	16	.49	183	.064	1	1.08	.019	.08	.5	.02	2.9	1	<.05	4	<.5	15.0
J174	.3	12.8	4.8	59	<.1	11.9	8.4	413	2.14	3.7	.6	58.4	2.9	50	.2	.3	.1	47	.69	.125	11	16	.53	174	.067	2	1.03	.019	.08	.2	.02	2.8	1	<.05	4	<.5	15.0
K10	.5	12.3	5.2	57	.1	11.6	8.5	425	2.81	3.9	.7	195.7	3.0	47	.1	.3	.1	63	.73	.172	11	17	.48	166	.068	2	1.02	.019	.08	.5	.01	2.9	1	<.05	4	<.5	15.0
K11	.4	13.2	3.9	53	<.1	8.9	8.6	549	2.35	2.9	.7	6.1	2.7	70	.1	.2	.1	59	1.00	.264	12	14	.52	246	.075	1	1.08	.022	.16	.3	.02	3.8	1	<.05	4	<.5	15.0
R385	1.3	15.0	7.3	61	<.1	15.3	11.2	763	3.08	2.0	1.2	1.7	4.9	37	.1	.3	.2	42	.51	.053	14	18	.49	261	.027	1	1.05	.008	.19	.2	.01	4.4	1	<.05	4	<.5	15.0
R386	3.4	15.4	14.4	59	.2	7.8	10.2	396	1.96	1.6	1.0	1.2	1.7	27	.3	.1	1.4	45	.48	.080	6	12	.50	104	.064	<1	1.08	.014	.11	11.1	.01	2.7	1	<.05	4	<.5	15.0
RE R386	3.5	16.5	14.4	61	.2	7.1	10.3	410	1.98	1.7	1.0	1.3	1.6	28	.3	.1	2.1	47	.48	.078	6	12	.54	108	.071	<1	1.19	.015	.12	8.0	.02	3.0	1	<.05	3	<.5	15.0
R387	17.1	42.8	27.1	99	.3	10.8	11.5	563	2.40	3.5	6.1	5.1	2.9	49	.8	.3	3.8	49	.62	.078	12	16	.61	147	.081	1	1.30	.015	.15	23.9	.04	3.2	.2	.07	4	<.5	15.0
R388	1.2	21.1	10.7	62	.1	9.3	8.9	323	2.43	4.2	.5	2.8	2.0	23	.2	.1	.1	52	.40	.109	8	18	.67	139	.066	<1	1.31	.015	.11	1.8	.03	2.8	1	<.05	5	<.5	7.5
R389	10.6	33.7	24.2	177	.4	13.0	9.0	384	2.06	3.7	2.5	3.4	2.2	49	1.3	.4	2.4	44	.62	.077	11	17	.49	103	.072	1	1.18	.016	.11	59.7	.06	3.1	1	<.05	3	<.5	15.0
R390	14.3	18.4	15.7	62	.2	10.1	8.9	457	2.06	3.9	.9	8.9	1.9	23	.3	.3	1.7	47	.49	.098	8	16	.45	117	.068	1	1.02	.014	.07	36.3	.06	2.6	1	<.05	3	<.5	7.5
R391	.8	14.6	5.6	69	<.1	13.8	11.4	464	2.41	3.2	2.1	10.8	3.0	36	.2	.2	.1	45	.55	.093	13	21	.67	228	.088	1	1.37	.015	.14	.3	.02	3.3	1	<.05	4	<.5	15.0
R392	1.4	24.0	7.8	68	.1	18.9	11.7	420	2.79	8.8	5.0	2.0	4.7	46	.2	.6	.2	57	.64	.088	18	25	.64	238	.074	2	1.57	.016	.10	.3	.03	4.2	1	<.05	5	<.5	15.0
STANDARD DS7	19.5	110.4	67.6	412	.9	54.4	9.5	611	2.40	48.6	4.8	77.7	4.3	69	6.0	5.8	4.5	85	.90	.077	12	171	1.04	352	.118	37	.95	.076	.43	3.9	.19	2.4	4.1	.19	4	3.4	15.0

GROUP 1DX - 15 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: (SILT) SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Richards, Gordon File # A606708  
 6410 Holly Park Drive, Delta BC V4K 4W6 Submitted by: Gordon Richards

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
G-1	.2	1.8	2.6	46	<.1	3.4	4.0	528	1.90	<.5	2.6	<.5	3.9	80	<.1	<.1	.1	39	.56	.079	8	7	.59	232	.138	1	1.06	.116	.53	.1	<.01	2.2	.3	<.05	5	<.5
K19	.9	11.6	10.5	37	.2	10.3	5.2	170	2.04	5.9	.8	12.7	4.1	16	.1	.3	.2	47	.18	.021	11	19	.38	137	.058	1	1.35	.007	.04	.1	.01	2.3	.1	<.05	5	<.5
K21	1.3	21.5	9.8	68	<.1	14.3	10.0	289	2.83	16.8	1.7	35.6	8.8	19	.1	.4	.1	48	.36	.062	23	16	.58	198	.090	<1	1.49	.011	.13	.1	.02	3.9	.1	<.05	5	<.5
R393	.4	9.3	5.3	126	<.1	50.3	26.4	750	5.89	7.8	.5	6.4	2.7	18	<.1	.5	.1	159	.44	.111	9	79	2.84	538	.257	1	3.38	.011	1.08	.2	.01	13.7	.4	<.05	13	<.5
STANDARD DS7	20.7	105.1	70.1	414	.8	54.2	9.4	630	2.37	48.2	5.1	60.9	4.7	78	6.5	6.1	4.8	87	.92	.079	14	176	1.06	365	.132	39	.99	.078	.45	3.9	.20	2.5	4.1	.22	5	3.6

GROUP 1DX - 15 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

Data *ly* FA \_\_\_\_\_ DATE RECEIVED: SEP 30 2006 DATE REPORT MAILED: 10-27-06 P01:26 OUT



GEOCHEMICAL ANALYSIS CERTIFICATE

Richards, Gordon File # A606707

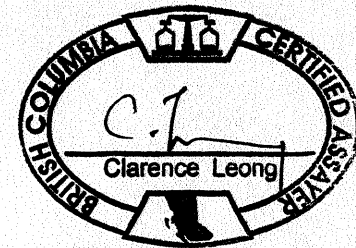
6410 Holly Park Drive, Delta BC V4K 4W6 Submitted by: Gordon Richards

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
G-1	.2	3.0	3.7	47	<1	3.8	4.4	544	1.94	.6	3.0	2.8	4.2	75	<1	<1	.1	37	55	.079	8	10	.60	228	.136	<1	1.07	.101	.56	.1	<.01	2.3	.4	<.05	5	<.5
K1	2.5	5.7	138.5	6	1.4	1.1	.7	35	1.13	7.5	4	7.7	2.5	6	<1	.1	4.8	1	02	.006	8	4	.01	288	.005	1	.18	.014	.17	.1	.95	.4	.1	.20	5	71.2
K2	8.0	20.8	8431.8	9	18.5	.6	.3	39	7.82	193.1	4	22.2	36.1	17	<1	.8	264.1	1	03	.134	18	5	.01	59	.067	<1	.11	.037	1.62	.2	.13	.2	5	2.80	14	>100
K3	2.0	10.9	2567.1	6	11.0	.7	.6	27	1.69	53.6	3	16.5	28.5	8	<1	.4	196.5	<1	.01	.055	23	5	.01	250	.013	<1	.19	.012	.35	.1	42	.6	.1	.45	7	>100
K4	3.2	24.2	4659.4	8	13.0	.7	.2	24	8.35	81.0	1.1	21.1	18.1	26	.1	.4	187.0	<1	.01	.077	17	4	<.01	49	.026	<1	.08	.186	1.41	.1	.05	.4	.7	2.81	14	>100
K5	1.0	71.1	870.9	75	1.1	2.6	.8	64	3.63	23.5	1.1	9.1	17.8	42	.1	.1	11.6	3	02	.058	33	3	.03	326	.003	1	.88	.021	.27	<.1	.44	2.3	.2	.19	2	21.8
K6	1.8	11.4	509.7	19	4.3	1.3	.9	38	1.94	17.8	4	21.4	4.3	14	.1	.2	19.6	<1	.01	.012	8	7	.01	236	.006	1	.12	.020	.17	.1	2.60	.3	.1	.48	3	>100
K7	.4	14.4	108.3	22	.3	1.0	.7	40	2.38	10.9	4	16.5	9.6	26	<1	.1	1.8	1	02	.023	11	4	.03	480	.003	1	.56	.063	.24	<.1	.06	.7	.1	.21	2	3.4
K8	1.5	5.0	337.1	3	1.3	.9	.6	34	1.62	17.8	2	3.2	5.5	7	<1	.1	4.0	<1	.01	.009	4	7	.01	178	.013	<1	.12	.014	.20	.1	.20	.4	.1	.61	3	57.0
K9	.4	4.1	429.4	4	2.2	1.0	.8	30	1.25	12.8	.2	5.3	2.9	4	<1	.2	4.5	<1	.01	.008	14	8	<.01	123	.004	<1	.06	.016	.09	.1	.12	.2	.1	.29	1	>100
K13	1.9	12.4	51.0	23	.3	1.4	.8	65	1.57	34.4	.9	3.2	7.5	23	<1	.1	6.7	<1	.09	.011	13	4	.03	160	.012	1	.57	.049	.24	.1	.01	.9	.1	.16	2	4.0
K14	1.1	10.1	47.7	31	.1	1.4	1.4	67	1.13	3.7	2.0	4.5	13.5	17	.1	<1	3.6	1	17	.013	7	4	.05	90	.026	1	.70	.019	.23	.1	.01	1.1	.1	<.05	2	2.4
K15	1.5	13.5	47.2	40	.1	1.4	1.1	68	1.43	15.4	1.3	3.6	14.1	14	<1	.1	3.8	<1	.11	.013	5	4	.03	89	.015	1	.58	.019	.22	.1	<.01	1.0	.1	<.05	2	1.3
K16	1.0	10.4	32.3	25	.2	1.0	1.0	49	1.19	11.2	1.5	2.7	11.6	16	.1	<1	2.6	<1	.12	.013	5	3	.03	107	.020	1	.53	.030	.25	.1	<.01	1.1	.1	<.05	2	1.2
K17	2.0	17.6	45.4	34	.3	1.3	1.2	53	1.19	17.2	1.4	2.4	12.1	13	<1	.1	2.3	1	12	.013	3	4	.04	110	.016	1	.55	.020	.26	.1	.01	1.1	.1	<.05	2	1.2
K18	.4	8.9	11.0	30	<.1	1.9	5.3	331	1.85	1.4	1.7	.5	7.9	32	.1	<1	.1	11	.41	.041	9	5	.38	97	.076	1	1.24	.042	.29	.1	<.01	1.8	.1	<.05	4	<.5
K20	.8	7.1	11.1	57	<.1	5.6	13.5	557	2.47	1.1	2.0	1.1	8.5	20	.1	.1	.1	23	.31	.049	8	7	.54	87	.123	1	1.31	.051	.20	.1	<.01	2.1	<.1	<.05	5	<.5
R394	.4	2.7	2.7	2	<.1	.7	1.0	34	.43	1.1	.1	<.5	.2	1	<.1	<.1	.1	<.1	.01	.002	<1	7	.01	7	.002	<1	.04	.004	.01	<.1	<.01	.1	<.1	<.05	<1	<.5
RE R394	.5	2.9	2.5	2	<.1	.9	1.0	35	.43	1.0	.1	<.5	.2	1	<.1	<.1	.1	<.1	.01	.002	<1	7	.01	7	.002	<1	.04	.004	.01	<.1	<.01	.1	<.1	<.05	<1	<.5
R395	1.2	6.2	474.7	4	1.7	1.0	.5	37	1.71	12.3	.2	2.3	3.6	6	<.1	.1	6.1	1	.01	.008	5	8	.01	389	.010	<1	.11	.029	.14	.1	.08	.4	.1	.36	3	>100
R396	.6	5.7	201.3	3	1.0	1.1	.8	36	1.06	6.0	.3	2.1	2.5	4	<.1	.1	2.4	1	.01	.009	24	8	.01	170	.007	1	.10	.006	.11	.1	.56	.3	<.1	.11	2	98.3
R397	1.0	3.1	36.0	33	<.1	1.0	.7	84	1.97	8.1	.8	<.5	8.6	30	<.1	.1	.9	2	.02	.017	17	5	.06	440	.010	1	.61	.048	.28	<.1	.02	.9	.1	.20	3	3.6
R398	.6	2.4	179.7	2	.9	.8	.7	32	.78	6.1	.2	3.1	3.2	5	<.1	.1	5.0	2	<.01	.007	18	8	.01	244	.005	1	.13	.007	.14	.1	.31	.4	.1	.12	2	44.5
R399	1.1	35.4	677.6	13	.7	1.1	.4	43	1.28	21.7	.9	257.9	10.9	17	<.1	.2	90.1	2	.01	.021	11	4	.03	143	.003	2	.60	.035	.29	<.1	.08	2.1	.1	.15	2	5.9
R400	3.3	6.5	1424.3	3	3.0	.8	.7	28	3.44	59.3	.2	9.1	14.2	5	<.1	.3	49.3	3	<.01	.031	11	7	<.01	110	.026	1	.04	.005	.74	.1	.12	.2	.1	1.26	3	>100
STANDARD DS7	20.3	105.8	67.6	394	.9	53.9	8.9	614	2.36	48.9	4.7	68.4	4.3	73	6.4	5.9	4.6	82	.92	.079	11	166	1.04	374	.117	39	.96	.081	.44	3.9	.19	2.4	4.2	.20	5	3.6

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: ROCK R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

10-26-06 P05:06 OUT

Data 1 FA \_\_\_\_\_ DATE RECEIVED: SEP 30 2006 DATE REPORT MAILED:.....





M46	10	10 <10	<0.1	11600 <1	770 <10	73	31 <100	490	34	16.9	7.6	
M47	6	17 <10	<0.1	11000 <1	550 <10	213 <5	<100	170	21	9.7	4.8	
M48	16	14 <10	0.6	10200 <1	860 <10	172 <5	<100	370	61	29.8	20.1	
M49	75	10 <10	0.8	13100 <1	900 <10	33	47 <100	850	44	22	11.5	
M50	34	8 <10	3.3	15200 <1	1040 <10	107	37 <100	310	70	32.5	21.3	
M51	38	11 <10	0.2	6110 <1	780 <10	43	53 <100	370	23	11.5	5.2	
M52	18	8 <10	1.6	5140 <1	800 <10	176	13 <100	200	31	13.3	9.1	
M53	332	14 <10	1.3	10800 <1	700 <10	114	22 <100	1300	163	88.1	35.2	
M54	71	13 <10	0.4	6080 <1	820 <10	118	52 <100	420	34	16.1	8.4	
M55	33	32 <10	0.5	11400 <1	770	20	136	22 <100	280	33	21.2	4.4
M56	41	22 <10	0.2	3530 <1	670 <10	166	19 <100	330	72	35.5	19.6	
P 1	6	40 <10	0.3	10200 <1	420 <10	353	25 <100	770	60	28.9	14.2	
P 2	16	33 <10	0.3	8900 <1	510 <10	413	21 <100	1200	109	63.6	22.2	
P 3	8	57 <10	0.2	7250 <1	410 <10	784	161 <100	860	112	58.5	27.9	
P 4	10	72 <10	<0.1	5920 <1	400	30	551	85 <100	680	102	57.9	21.5
P 5	10	62 <10	0.2	6750 <1	390	10	638	17 <100	950	121	61.6	27.8
P 6	5	79 <10	0.2	9250 <1	330 <10	930	25 <100	810	133	66.6	32.4	
P 7	15	25 <10	0.5	12300 <1	570 <10	990	18 <100	2160	194	106	44.5	
P 8	7	48 <10	0.2	9210 <1	370 <10	766	14 <100	1000	131	63.7	32	
P 9	23	5 <10	0.5	6340 <1	670	10	34	8 <100	1840	8	3.9	2.2
P10	8	21 <10	0.3	10200 <1	510 <10	443	9 <100	1010	74	34.5	17.6	
P11	7	87 <10	0.1	8110 <1	300	10	1030	14 <100	830	161	78	37.3
P12	4	147 <10	<0.1	4360 <1	210	10	286	67 <100	400	51	25.3	11.6
P13	10	68 <10	0.3	13600 <1	490 <10	2200	44 <100	1490	217	79	66.6	
P14	5	74 <10	0.1	6080 <1	360 <10	355	32 <100	210	35	17.7	9	
P15	7	35 <10	0.5	10800 <1	530 <10	281	31 <100	1040	93	57.4	15.4	
P16	20	9 <10	0.4	10600 <1	660 <10	148 <5	<100	1510	75	50.3	10.1	
P17	13	79 <10	0.3	9560 <1	530 <10	1020	13 <100	1320	159	86.8	35.6	
P18	15	31 <10	0.2	8040 <1	570	20	139	5 <100	1060	78	51.7	11
P19	7	42 <10	0.2	4190 <1	600	20	422	93 <100	1490	53	26.5	17.1
P20	11	35 <10	0.2	5730 <1	640	20	554	32 <100	1410	59	30.4	19.4
P21	7	26 <10	0.3	5270 <1	520	20	525	109 <100	2920	50	24.4	15.8
P22	6	15 <10	0.1	5850 <1	600 <10	415	51 <100	1320	31	13.8	12.5	
P23	10	21 <10	0.2	5370 <1	660 <10	319	23 <100	1380	31	14.5	11.5	
P24	2	82 <10	0.1	9370 <1	630 <10	1400	12 <100	510	60	27.6	19.9	
P25	1	28 <10	<0.1	7810 <1	640 <10	246	7 <100	140	21	10.1	8.1	
P26	9	30 <10	0.8	6350 <1	640 <10	216	10 <100	400	47	23.3	10.9	
P27	7	37 <10	0.3	6220 <1	560 <10	267	13 <100	680	64	31.2	13.6	
P28	16	11 <10	0.6	8520 <1	690	10	347	26 <100	1140	116	66.7	21.3
P29	17	6 <10	0.2	8180 <1	640 <10	117 <5	<100	530	31	16.8	7	
P30	20	18 <10	0.3	8350 <1	660	30	673	15 <100	900	146	80.1	30.2
P31	8	29 <10	0.3	6490 <1	570 <10	745	5 <100	730	157	79.4	35.5	
P32	16	40 <10	0.4	8910 <1	710	20	992	8 <100	860	266	155	49.7
P33	11	21 <10	0.5	7550 <1	660	10	870	15 <100	1120	170	86.8	36.2
P34	8	14 <10	0.7	8820 <1	740 <10	337 <5	<100	600	134	65.9	32.1	
P35	10	77	10	10900 <1	670	10	1270	123 <100	1050	286	139	61
P36	5	54 <10	0.5	10700 <1	830 <10	659	27 <100	380	119	60.3	28.2	
P37	12	61 <10	1	9820 <1	590 <10	1460	19 <100	890	402	197	86.2	
P38	12	53 <10	0.6	9490 <1	610 <10	1490	7 <100	640	642	389	97.5	





8	44	36 <5		89 <5	<0.5	91	288	20 <1	15	15 <1	11	31
9	25	39	6	107 <5	<0.5	68	141	30 <1	13	29 <1	16	19
31	96	119	13	107	6 <0.5	272	286	40 <1	49	22 <1	11	78
9	61	35	5	109	10 <0.5	112	481	20 <1	17	6	11	42
4	99	92	9	129	9 <0.5	230	168 <10	<1	38	6 <1	21	75
6	28	18 <5		135 <5	<0.5	52	216	20 <1	8	15 <1	12	19
5	40	58	5	201	8 <0.5	105	193	20 <1	19	13 <1	21	31
5	197	126	5	150	5 <0.5	355	291	350 <1	55	8 <1	23	127
7	42	53 <5		110	5 <0.5	98	206	110 <1	18	11 <1	18	31
6	29	20 <5		99 <5	<0.5	50	291	80 <1	9	17 <1	9	18
9	91	85 <5		140	5 <0.5	199	140	30 <1	35	19 <1	17	64
10	79	180 <5		129 <5	<0.5	269	238	90 <1	52	20 <1	32	62
11	124	159 <5		147 <5	<0.5	314	500	70 <1	57	8 <1	55	87
20	145	313 <5		96 <5	<0.5	490	571	60 <1	102	29 <1	79	119
41	113	169 <5		86 <5	<0.5	312	565	120 <1	62	17 <1	74	87
34	146	242 <5		82 <5	<0.5	427	662	100 <1	83	29 <1	86	113
30	168	377 <5		67 <5	<0.5	564	471	90 <1	119	51 <1	90	139
20	245	328	7	109 <5	<0.5	668	791	90 <1	125	8 <1	94	185
27	163	296 <5		83 <5	<0.5	510	558	80 <1	102	48 <1	68	131
5	11	5	6	72	15 <0.5	23	342 <10	<1	4	14 <1	6	8
13	94	172	6	124 <5	<0.5	291	408	40 <1	57	18 <1	27	76
30	187	398 <5		59 <5	<0.5	610	600	110 <1	131	49 <1	119	155
51	58	119 <5		39 <5	0.6	186	287	150 <1	38	62 <1	56	48
13	359	926 <5		126 <5	<0.5	1500	513	70 <1	312	17 <1	94	320
15	47	177 <5		104 <5	<0.5	199	195	80 <1	44	34 <1	36	41
6	92	125 <5		131 <5	<0.5	214	709	60 <1	41	10 <1	39	59
4	68	67	10	136 <5	<0.5	127	757	30 <1	23	12	13	38
19	190	372	6	118 <5	<0.5	621	1110	50 <1	126	15 <1	111	155
13	69	64	10	105 <5	<0.5	131	1170	50 <1	24	9 <1	28	41
32	78	266	7	61 <5	<0.5	303	346	70 <1	70	12 <1	19	67
24	87	250 <5		67 <5	<0.5	317	487	40 <1	68	11 <1	17	72
31	75	283 <5		52 <5	<0.5	307	515	80	2	71	21	67
15	51	237 <5		47	5 <0.5	232	115	20 <1	54	8 <1	9	46
17	48	176 <5		45	5 <0.5	195	136	10 <1	44	9 <1	8	42
11	82	610 <5		124 <5	<0.5	355	170	40 <1	92	38 <1	33	70
8	33	146 <5		103 <5	<0.5	137	66	20 <1	30	20 <1	7	29
17	63	116	8	86 <5	<0.5	191	250	40 <1	37	11 <1	14	51
18	78	142	7	114 <5	<0.5	226	218	70 <1	46	11 <1	21	61
11	134	124	21	110	9 <0.5	287	838	80 <1	48	7	13	91
7	41	60	20	79	11 <0.5	111	160	20 <1	20	7 <1	6	31
15	182	196	12	103	5 <0.5	441	955	80 <1	80	10	10	134
24	215	364	10	66 <5	<0.5	671	568	50 <1	131	13 <1	21	176
23	302	373	11	100 <5	<0.5	777	1000	80 <1	148	9	29	230
33	217	343	14	85	5 <0.5	608	593	70 <1	119	6 <1	25	167
13	195	302	9	81 <5	<0.5	578	213	20 <1	108	6 <1	11	156
30	360	970	9	99 <5	<0.5	1210	413	140 <1	259	17 <1	93	297
12	172	511 <5		132 <5	<0.5	574	149	110 <1	113	15 <1	34	137
26	520	1210	9	66 <5	<0.5	1680	301	110 <1	343	14 <1	66	420
11	630	617	8	84 <5	<0.5	1310	392	90 <1	242	10 <1	93	443

Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr	
MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	
1	10	10	1	1	10	0.5	3	0.5	1	1	5	1	20	
PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	
<1	2160	<1	1	18 <10		24	172 <0.5		278	2	609	42	330	24
<1	1370 <1			28 <10		38.5	478 <0.5		182	2	1110	75	1440	27
<1	1180 <1			24 <10		60.8	259 <0.5		262	2	803	60	860	43
<1	1380 <1			14 <10		48.1	272 <0.5		172	1	563	45	290	38
<1	2290 <1			11 <10		27.4	21 <0.5		126	1	313	22	130	29
<1	820 <1			22 <10		61.2	282 <0.5		153	1	661	48	240	49
<1	1260 <1			10 <10		52.6	272 <0.5		176	1	402	33	600	30
<1	840 <1			2 <10		13.2	552 <0.5		71	2	59	6	50	27
<1	1230 <1			3 <10		14.4	375 <0.5		113	2	136	11	220	22
<1	2070 <1			4 <10		15	187 <0.5		161	1	132	12	120	17
<1	2410 <1			4 <10		10.6	142 <0.5		102 <1		141	11	230	13
<1	2470 <1			2 <10		14.3	50 <0.5		53 <1		65	5	60	8
<1	510 <1			3 <10		63.7	3280 <0.5		8	1	70	5	40	41
<1	860 <1			11 <10		65.5	1930 <0.5		16 <1		265	12	40	26
<1	2480 <1			11 <10		20	11 <0.5		14 <1		401	27 <20		6
<1	3540 <1			3 <10		4.9 <3	<0.5		11 <1		78	4	30 <5	
<1	1970 <1			6 <10		12.5	35 <0.5		7 <1		157	10	30	11
<1	2590 <1			13 <10		9.5	4 <0.5		11 <1		456	24 <20	<5	
<1	1200 <1			6 <10		26.7	73 <0.5		11 <1		153	12	70	9
<1	1380 <1			19 <10		26.6	72 <0.5		11 <1		394	24	40 <5	
<1	980 <1			19 <10		39.2	388 <0.5		18 <1		438	25 <20		23
<1	1880 <1			10 <10		7.6	33 <0.5		9 <1		275	18 <20	<5	
<1	430 <1			41 <10		72.9	940 <0.5		32	1	1130	68	100	51
<1	3990 <1			4 <10		2.6 <3	<0.5		3 <1		109	7	90 <5	
<1	2210 <1			7 <10		11.2	33 <0.5		5 <1		197	12	110	6
<1	1520 <1			15 <10		18.8	63 <0.5		16 <1		420	29	120	12
<1	3690 <1			6 <10		4.6 <3	<0.5		28 <1		160	13	80 <5	
<1	1690 <1			10 <10		20.1	80 <0.5		5 <1		268	14	430	5
<1	1360 <1			4 <10		8.9	95 <0.5		4 <1		139	9	40	6
<1	2440 <1			18 <10		9.3	6 <0.5		4 <1		644	49	20 <5	
<1	1920 <1			19 <10		22.7	32 <0.5		13 <1		523	34 <20	<5	
<1	3060 <1			10 <10		4.8 <3	<0.5		7 <1		300	18 <20	<5	
<1	1720 <1			3 <10		2.1	19 <0.5		4 <1		85	6	40 <5	
<1	440 <1			1 <10		8.3	899 <0.5		3 <1		31	3	40	8
<1	130 <1			2 <10		13.9	4120 <0.5		4 <1		48	5	40	29
<1	1470 <1			24 <10		19.5	242	0.7	9 <1		706	55 <20		12
<1	780 <1			15 <10		20.9	684 <0.5		7 <1		433	25	30	27
<1	1330 <1			17 <10		23.2	12 <0.5		35 <1		547	37	840 <5	
<1	490 <1			17 <10		54.2	314 <0.5		33 <1		502	25	160	19
<1	1190 <1			12 <10		46	43 <0.5		56 <1		310	18	50	34
<1	1630 <1			16 <10		27.6	72 <0.5		17 <1		458	21	90	12
<1	1620 <1			13 <10		34.2	77 <0.5		25 <1		302	13 <20		8
<1	1210 <1			19 <10		84.1	533 <0.5		24 <1		420	27	40	42
<1	2310 <1			63 <10		63.7	40 <0.5		61	1	2090	123	100	12
<1	2380 <1			24 <10		13.4 <3	<0.5		20 <1		631	41	120 <5	
<1	2390 <1			37 <10		86.9	12 <0.5		36 <1		1180	83 <20		24
<1	3010 <1			10 <10		10.1 <3	<0.5		13	1	310	20 <20	<5	
<1	1850 <1			18 <10		30.7	180 <0.5		14 <1		440	26 <20		29
<1	1590 <1			12 <10		16.5	85 <0.5		13 <1		365	23	60	12
<1	2470 <1			18 <10		9.9 <3	<0.5		22 <1		490	33	190 <5	
<1	2970 <1			15 <10		6.5	7 <0.5		8 <1		629	30 <20	<5	
<1	890 <1			49 <10		73.1	145 <0.5		43 <1		1320	77 <20		30
	7			9 <10		129	1190	0.8	31 <1		228	17	290	49
<1	1			22 <10		133	2480 <0.5		39	1	516	30	150	101
	3			17 <10		121	2500 <0.5		35	1	373	18	40	122
	3			5 <10		80.6	2230	0.5	15 <1		104	7	270	66
<1	1000		1	186 <10		111	753 <0.5		155	4	4680	269	310	53
<1	240 <1			6 <10		122	349 <0.5		41 <1		150	14	160	115
<1	910 <1			32 <10		177	769 <0.5		70 <1		752	57	620	70
<1	2200 <1			23 <10		49.2	55 <0.5		33 <1		450	31 <20		26
<1	890 <1			22 <10		49.1	1210 <0.5		25 <1		501	30	70	58
<1	1400 <1			12 <10		33.8	342 <0.5		17 <1		374	22	70	28
<1	2090 <1			31 <10		29.7	26 <0.5		14 <1		925	40 <20	<5	
<1	1560 <1			12 <10		24.5	409 <0.5		11 <1		323	27 <20		16
<1	1280 <1			15 <10		41	582 <0.5		15 <1		377	25 <20		43
<1	1230 <1			7 <10		26.5	951 <0.5		9 <1		198	12	50	41
<1	1700 <1			14 <10		25.1	25 <0.5		23 <1		360	23 <20		25
<1	2040		2	73 <10		32.1	50 <0.5		33	2	2050	110 <20		39
<1	1880		1	6 <10		4.4 <3	<0.5		15	3	168	11 <20		11
<1	1480		1	6 <10		22.7	14 <0.5		15	3	167	13	40	28
<1	1890 <1			10 <10		5.8	14 <0.5		42	2	291	17 <20		23
<1	1540 <1			3 <10		8.1	8 <0.5		6	2	47	3 <20	<5	
<1	2000 <1			43 <10		11	13 <0.5		29	2	2790	111 <20		18
<1	1490 <1			2 <10		4.6	41 <0.5		2	1	58	3 <20		11
<1	2140 <1			15 <10		6.2	14 <0.5		15	1	417	29 <20		14
<1	2720 <1			1 <10		3.7	14 <0.5		3 <1		29	1	30	5
<1	2330 <1			8 <10		9.5	15 <0.5		20 <1		180	12 <20		14
<1	4620 <1			3 <10		13.5	86 <0.5		15 <1		67	5	30	108
<1	2410 <1			21 <10		17.4	23 <0.5		18 <1		442	27	20	26
<1	7170 <1			7 <10		37.3	149 <0.5		27 <1		178	11	90	106
<1	2240 <1			7 <10		13.9	38 <0.5		10 <1		149	10	110	19
<1	2920 <1			7 <10		50.4	19 <0.5		24 <1		191	12	50	17

<1	3540 <1	6 <10	8.6	16 <0.5	30 <1	186	12	30 <5		
<1	3730 <1	4 <10	15.1	18 <0.5	12 <1	100	7 <20		16	
<1	2900 <1	12 <10	5.3	21 <0.5	17 <1	384	23 <20		14	
<1	3260 <1	8 <10	6.4	13 <0.5	34 <1	263	17 <20		16	
<1	3400 <1	13 <10	8.4	7 <0.5	22 <1	301	23 <20	<5		
<1	2990 <1	4 <10	5.2	14 <0.5	17 <1	124	8 <20	<5		
<1	2550 <1	6 <10	5.5	6 <0.5	19 <1	108	10 <20		5	
<1	3100 <1	27 <10	4.1	7 <0.5	44	995	62 <20		7	
<1	3610 <1	6 <10	7.7	10 <0.5	15 <1	167	11	60	6	
<1	2930 <1	5 <10	2.7 <3	<0.5	7 <1	163	17 <20		14	
<1	2780 <1	13 <10	6.2	11 <0.5	39 <1	361	26 <20		7	
<1	2500 <1	11 <10	11.7	13 <0.5	20 <1	296	19	50	26	
<1	3140 <1	18 <10	8.5	7 <0.5	32 <1	627	47	130	6	
<1	2340 <1	20 <10	16.8	34 <0.5	30 <1	685	44	50	44	
<1	2280 <1	17 <10	9.1	29 <0.5	26 <1	599	43	90	30	
<1	2140 <1	21 <10	11.8	23 <0.5	32 <1	673	44	70	38	
<1	1790 <1	24 <10	19.8	118 <0.5	28 <1	776	48	50	64	
<1	3370 <1	34 <10	21.2	17 <0.5	121	1140	81	70	51	
<1	2250 <1	23 <10	13.8	41 <0.5	32 <1	768	44	70	49	
<1	2590 <1	2 <10	4.5	10 <0.5	18 <1	49	3 <20		13	
<1	3430 <1	14 <10	11.6	11 <0.5	25 <1	363	23	140	20	
<1	1920 <1	28 <10	22.8	133 <0.5	30 <1	808	58	40	57	
<1	1170 <1	9 <10	22.1	337 <0.5	13 <1	244	19	90	62	
<1	2960 <1	45 <10	25.4	27 <0.5	45 <1	1170	44	40	55	
<1	1920 <1	7 <10	13.2	130 <0.5	8 <1	195	13	40	40	
<1	3220 <1	14 <10	7.2	4 <0.5	19 <1	441	45	30 <5		
<1	3610 <1	11 <10	3.4 <3	<0.5	20 <1	372	41	40	12	
<1	2580 <1	27 <10	16.1	27 <0.5	44 <1	960	67	100	84	
<1	2940 <1	11 <10	2.9 <3	<0.5	17 <1	405	43	120 <5		
<1	1780 <1	10 <10	14.2	26 <0.5	30 <1	325	20	60	18	
<1	1910 <1	12 <10	13.8	18 <0.5	29 <1	375	23	60	21	
<1	1460 <1	10 <10	24.3	22 <0.5	40 <1	296	19	40	28	
<1	1640 <1	6 <10	22.2	17 <0.5	20 <1	172	10	50	19	
<1	1790 <1	6 <10	19.1	16 <0.5	19 <1	176	11	20	18	
9	2260 <1	11 <10	82.8	19 <0.5	18 <1	330	18 <20		35	
<1	2540 <1	4 <10	20	11 <0.5	5 <1	127	7	20	20	
<1	2340 <1	8 <10	20.5	21 <0.5	23 <1	247	17 <20		29	
<1	2080 <1	11 <10	24.6	14 <0.5	32 <1	311	22 <20		29	
<1	2930 <1	19 <10	13.6	9 <0.5	62 <1	688	52	80	27	
<1	2600 <1	6 <10	8.3	12 <0.5	49 <1	191	12	40	20	
<1	2620 <1	25 <10	7.6	8 <0.5	67 <1	852	59	90	21	
<1	1940 <1	29 <10	18.7	24 <0.5	34 <1	1020	59	70	45	
<1	2690 <1	45 <10	9.5	7 <0.5	65	1730	122	100	18	
<1	2150 <1	30 <10	23.3	20 <0.5	40 <1	945	66	70	45	
<1	2210 <1	25 <10	15	22 <0.5	40 <1	744	46	30	24	
<1	2740 <1	51 <10	38.1	33 <0.5	48	1	2030	95	50	79
<1	3100 <1	22 <10	30.7	22 <0.5	26 <1	891	40 <20		33	
<1	1740 <1	72 <10	42.3	29 <0.5	60	2	2290	125	30	41
<1	1990 <1	100 <10	40.6	3 <0.5	84	3	3210	304 <20		10

RR Ag    RR As    RR Au    RR Bi    RR Cu    RR Fe    RR Mo    RR Pb

ANALYTE  
METHOD  
DETECTION  
UNITS

5

0.5

Y 1	7	1	3	2	7	13	4	11
Y 2	9	1	3	4	14	21	6	14
Y 3	6	1	2	4	14	26	4	17
Y 4	7	1	3	4	11	26	2	12
Y 5	9	1	3	1	5	4	2	3
Y 6	6	1	2	4	9	28	2	12
Y 7	3	1	3	4	16	28	2	12
Y 8	0	1	3	2	9	50	5	1
Y 9	0	1	1	2	3	34	10	6
Y10	1	1	5	1	7	22	20	4
Y11	2	1	3	1	13	19	8	3
Y12	2	1	9	1	3	3	8	1
Y13	2	1	2	1	1	12	4	14
Y14	1	1	1	1	1	5	3	6
Y15	3	1	12	1	2	2	1	6
Y16	2	1	2	1	1	1	1	4
Y17	1	1	2	1	1	2	1	4
Y18	3	1	8	1	3	1	1	2
Y19	4	1	1	1	1	8	1	6
Y20	4	1	8	1	1	3	1	3
Y21	4	1	8	1	2	5	1	8
Y22	5	1	3	1	1	3	1	3
Y23	2	1	2	1	3	11	3	5
Y24	2	1	1	1	1	1	1	0
Y25	0	1	1	1	1	3	1	1
Y26	6	1	3	1	3	5	1	5
Y27	7	1	18	1	2	2	5	6
Y28	1	1	1	1	1	4	1	14
Y29	1	1	1	1	0	2	1	9
Y30	4	1	6	1	3	1	1	20
Y31	3	1	3	1	1	4	1	9
Y32	8	1	14	1	1	1	1	4
Y33	8	1	1	1	1	2	1	2
Y34	2	1	1	1	1	6	1	13
Y35	1	1	1	1	1	6	3	27
Y36	17	1	2	1	1	2	1	39
Y37	3	1	1	1	1	3	1	8
M 1	8	1	11	1	5	4	1	11
M 2	2	1	9	1	2	16	2	27
M 3	7	1	29	1	4	5	2	11
M 4	4	1	6	1	1	2	3	8
M 5	6	1	6	1	2	2	3	1
M 6	4	2	6	1	2	5	3	6
M 7	19	1	5	1	11	13	1	19
M 8	15	1	11	1	11	2	1	70

M 9	6	1	6	1	4	2	1	22
M10	2	1	3	1	3	1	1	3
M11	2	1	5	1	1	2	1	8
M12	5	1	2	1	3	5	1	6
M13	26	1	8	1	6	2	1	7
M14	1	1	1	1	1	2	1	1
M15	8	1	8	1	2	1	1	16
M16	2	4	11	1	2	9	3	34
M17	5	6	9	20	2	12	2	39
M18	1	2	3	2	1	7	2	10
M19	3	6	23	50	1	13	3	137
M20	16	6	38	4	13	5	1	19
M21	11	1	8	1	4	4	1	23
M22	29	66	6	2	2	6	2	107
M23	2	1	8	1	6	2	1	21
M24	4	1	5	1	4	5	2	12
M25	4	2	6	1	2	5	1	21
M26	4	1	3	1	1	3	1	2
M27	2	1	2	1	1	4	1	4
M28	1	1	8	1	1	5	2	7
M29	2	1	5	1	1	5	1	7
M30	1	1	15	1	2	1	1	6
M31	1	1	5	1	2	2	2	7
M32	4	1	8	1	4	1	2	1
M33	2	1	17	1	2	1	4	1
M34	3	1	3	1	6	3	2	1
M35	8	1	35	1	2	0	2	0
M36	4	1	14	1	7	2	1	5
M37	1	1	1	1	1	1	3	2
M38	5	1	1	1	3	2	1	2
M39	2	1	1	1	1	1	1	1
M40	2	1	2	1	2	1	2	1
M41	43	6	3	1	7	2	6	0
M42	1	1	1	1	1	1	1	3
M43	7	4	2	1	3	2	7	2
M44	3	1	1	1	1	1	1	1
M45	1	1	2	1	1	1	4	0
M46	4	1	1	1	4	1	1	1
M47	2	1	1	1	1	1	1	1
M48	6	1	9	1	3	5	2	2
M49	30	1	12	1	7	1	4	1
M50	14	1	50	1	3	1	4	0
M51	15	1	3	1	3	1	1	1
M52	7	1	24	1	2	1	3	1
M53	134	1	20	1	11	1	2	16
M54	29	1	6	1	4	1	2	5
M55	13	1	8	1	2	1	1	4
M56	17	1	3	1	3	1	2	1
P 1	2	1	5	1	7	1	1	4
P 2	6	1	5	1	10	2	1	3
P 3	3	1	3	1	7	3	1	3

P 4	4	1	1	1	6	6	1	6
P 5	4	1	3	1	8	5	1	5
P 6	2	1	3	1	7	4	1	4
P 7	6	1	8	1	18	3	1	4
P 8	3	1	3	1	9	4	1	4
P 9	9	1	8	1	16	1	6	0
P10	3	1	5	1	9	2	1	2
P11	3	1	2	1	7	4	1	5
P12	2	1	1	1	3	7	1	7
P13	4	1	5	1	13	2	1	3
P14	2	1	2	1	2	2	1	4
P15	3	1	8	1	9	1	1	3
P16	8	1	6	1	13	1	1	1
P17	5	1	5	1	11	3	1	2
P18	6	1	3	1	9	2	1	2
P19	3	1	3	1	13	5	1	3
P20	4	1	3	1	12	4	1	2
P21	3	1	5	1	25	5	1	4
P22	2	1	2	1	11	2	2	1
P23	4	1	3	1	12	2	2	0
P24	1	1	2	1	4	2	1	2
P25	0	1	1	1	1	1	1	1
P26	4	1	12	1	3	2	1	2
P27	3	1	5	1	6	3	1	3
P28	6	1	9	1	10	2	4	4
P29	7	1	3	1	5	1	4	1
P30	8	1	5	1	8	2	2	4
P31	3	1	5	1	6	4	1	2
P32	6	1	6	1	7	3	1	4
P33	4	1	8	1	10	5	2	3
P34	3	1	11	1	5	2	1	1
P35	4	2	11	1	9	4	1	6
P36	2	1	8	1	3	2	1	5
P37	5	1	15	1	8	4	1	5
P38	5	1	9	1	5	2	1	4

RR Sb    RR Sn    RR U    RR W    RR Zn

2	1	36	4	33
4	1	23	4	144
4	1	34	4	86
4	1	22	2	29
1	1	16	2	13
4	1	20	2	24
6	1	23	2	60
4	1	9	4	5
6	1	15	4	22
4	1	21	2	12
4	1	13	1	23
1	1	7	1	6
2	1	1	2	4
1	1	2	1	4
1	1	2	1	1
1	1	1	1	3
1	1	1	1	3
1	1	1	1	1
1	1	1	1	7
1	1	1	1	4
1	1	2	1	1
1	1	1	1	1
1	1	4	2	10
1	1	0	1	9
1	1	1	1	11
1	1	2	1	12
1	1	4	1	8
1	1	1	1	43
1	1	1	1	4
1	1	1	1	2
1	1	2	1	1
1	1	1	1	1
1	1	1	1	4
1	1	0	1	4
1	1	1	1	4
1	1	1	1	1
1	1	1	1	3
1	1	5	1	84
1	1	4	1	16
1	1	7	1	5
1	1	2	1	9
1	1	3	1	1
2	1	3	1	4
1	1	8	2	10
1	1	3	1	12



1	1	5	1	1
1	1	2	2	1
1	1	2	1	1
1	1	2	1	6
1	1	3	1	19
1	1	1	1	1
1	1	6	1	1
2	14	4	1	29
2	2	5	2	15
2	1	5	2	4
4	6	2	1	27
1	6	20	8	31
1	1	5	1	16
2	1	9	1	62
1	1	4	1	1
1	1	3	1	7
2	1	2	1	7
1	1	2	1	1
1	1	1	1	1
2	1	2	1	1
1	1	1	1	5
1	1	3	1	1
1	1	4	4	1
1	1	2	6	1
1	1	2	6	4
1	1	5	4	1
1	1	1	4	1
1	1	4	4	1
1	1	0	2	1
1	1	2	2	1
1	1	0	1	3
1	1	3	1	1
4	1	2	1	3
1	1	2	1	2
2	1	3	1	9
1	1	1	1	11
1	1	3	1	5
1	1	4	1	3
1	1	2	1	1
1	1	2	1	1
2	1	4	1	1
1	1	3	1	1
1	1	2	1	1
1	1	2	1	1
1	1	6	2	1
1	1	2	1	6
1	1	1	1	1
1	1	5	1	1
1	1	3	1	5
1	1	4	1	13
1	1	4	1	5

1	1	3	1	9
1	1	4	1	7
1	1	4	1	5
1	1	16	2	7
1	1	4	1	7
1	1	2	1	1
1	1	3	1	14
1	1	4	1	4
1	1	2	1	9
1	1	6	1	4
1	1	1	1	4
1	1	2	1	3
2	1	3	1	4
1	1	6	1	10
1	1	2	1	12
1	1	4	1	6
1	1	4	1	6
2	1	5	1	4
1	1	3	1	5
1	1	2	1	2
1	18	2	1	1
1	1	1	1	2
1	1	3	1	1
1	1	4	1	1
2	1	8	1	8
1	1	6	1	4
2	1	9	1	9
1	1	4	1	7
2	1	8	2	10
1	1	5	1	7
1	1	5	1	3
1	1	6	2	5
1	1	3	1	1
1	1	8	4	3
1	1	11	6	1

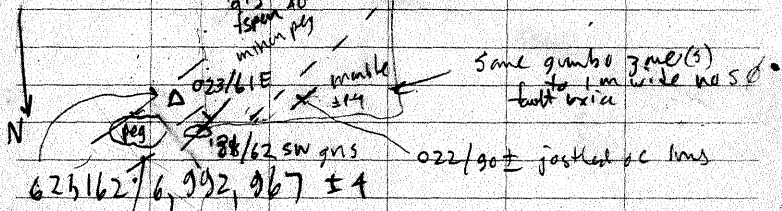
Scraggitt

marble

White long has several signs

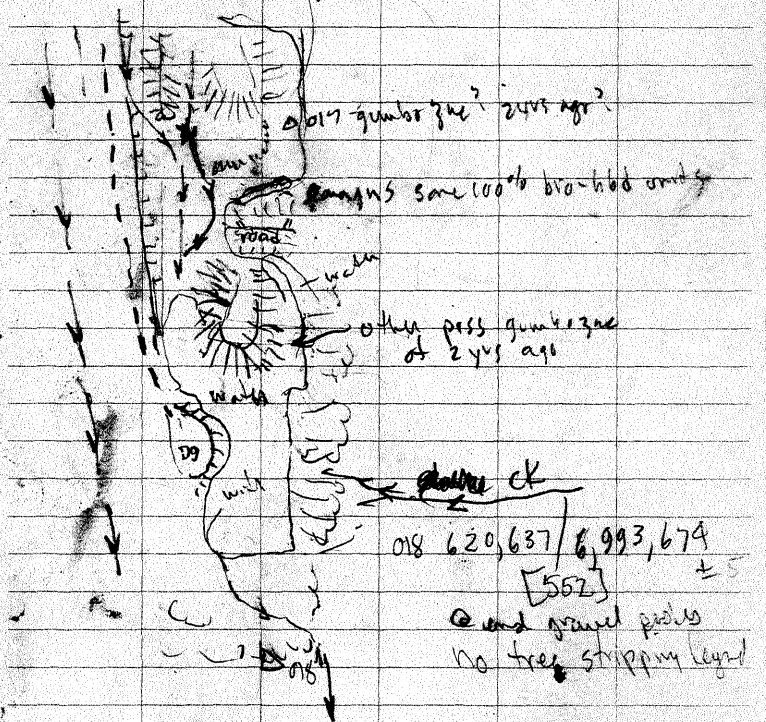
pink marble has several signs

finely laminated  
80% clay gns  
50-80 50  
b10 50  
q13 10  
1500 10  
min m



my best guess gumbo zone

Δ 017 620, 925 / 6, 993, 185 ± 4



326° - 146° winter trail

thawed sand

MMT Y1 dug <sup>70m</sup> deep to see profile (pic)  
alternating silt + org w sand layers  
near top

0-10 sand + silt 10-25 undecomposed roots + org<sup>c</sup>  
25-70cm silt

~~326~~ 0<sup>m</sup>

100m rd hds 336°

[336] no cur

200 rd berds N<sup>1</sup> again

Stop.

Down ck 200-300m

X line into tree cleared area 10m interval  
70m bank "ck" against LL hillside

Creek 0<sup>m</sup> 255° + 075°

10<sup>m</sup> Y1 damp flat + clearing

20<sup>m</sup> Y2 terrace 12cm fine tan silt

upper 12cm org<sup>c</sup> silty soil  
damp + flat in clearing

30<sup>m</sup> Y3 damp org<sup>c</sup> silt

40<sup>m</sup> Y4 damp org<sup>c</sup> silt

50<sup>m</sup> Y5 damp tan sand + silt

60<sup>m</sup> Y6 damp 15cm org<sup>c</sup> silt area 10<sup>m</sup> <sup>can team</sup> <sup>see</sup>

@ edge clearing

line runs 255°

70<sup>m</sup> Y7 damp org<sup>c</sup> silt

@ gap in berm around clearing

80m found several holes all org<sup>c</sup> to 1m

90m Y8 org<sup>c</sup> + silt wet on cut trail

102m Y9 wet 10-15 silt<sup>1</sup> + org  
plus 25-35 silt<sup>1</sup> org with (d)

120 deep grey sandy silt on  
bar of ck near bank (w)

126-130 ck  
upstr 15m

111 dump org<sup>c</sup> silty sand 2m W  
of ck + 20m upstream  
ck runs 155°

075 10m

19m @ angle same like 12m

412 sandy dump soil e east side  
ck against bank 4m from water

075 10m

5m Δ 019 620,450 / 6,994,052 #6

105 10m deep humus dug all around

20m " " " " "

105m - 110m base hill side

110 road

road to N has 90% pey noble 10% gas

just S of where ck hits bank

peg OC

Upper end "branch" gravel search 2 down

Δ 020 621,480 / 6,991,522 ± #6

runoff would cut down 30-60cm

through soil has exposed clay peg

+ gravel in situ along total length of

branch. Clay material likely sloughed

down above. MNT soils down

this trench would locate the mineralized

Serpentine Fault.

Magnum Old Camp

Y13 Hill SE side Camp ck

very wky damp, but yellow musc. soil 5°

10-25 cm

Δ 021 625, 298/6, 987, 710 ± 5

Up CK E side 0<sup>m</sup>

85<sup>m</sup> Y14 15° slope w yellow wky damp rky  
[100] above ck

150 Y15 15° bn wk damp rky

225 Y16 20° yellowish almost dry "

310 Y17 " " " " "

380 Y18 " bn " " rky

470 Y19 " bn bldy dry-dry rky

540 Y20 15° bn " " "

600 Y21 " bn dampish vly soil

675 Y22 " " " " "

750 Y23 " " " " "

825 Y24 20° bn " " "

900 Y25 " " " " "

975 Y26 " " " " "

20<sup>m</sup> uphill off of lab for

@ 975 not Y26 Δ 022 625, 296/6, 988 [833] 664 ± 4

1035 ck

1050 Y27 bn damp sandy musc soil 5°

1075 base steep slope

1125 Y28 yellowish bn damp rky soil 15°

1175 Y29 yellow damp soil rky 20°

1265 Y30 yellow almost dry soil rky 15°

1340 Y31 yellow moist rky soil 10-15°

1425 Y32 yellow bn moist rky musc soil 10°

under tip up old

1500 Y33 damp bn rky soil 10°

under tip up,

1575 Y34 damp orange bn vly soil 10-15°  
 1650 Y35 " " " " " " " "  
 1725 Y36 bright orange bn soil vly damp 5-10°  
 1800 Δ 023 62A, 855/6, 989, 334 ± 5 [1003]  
 Y37 grey clayey vly damp soil 0°  
 5 cm rts on top than bn to 10 cm

Commercial Solutions Inc.  
www.commercialsolutions.co

Δ 62A, 850/6, 989, 628 ± 4 [935]  
 M1 damp soil NW facing slope 15°  
 dull bn mineral arg.

330° 0m

75m M2 vly damp dark bn soil 15-20°

150m M3 vly moist " " " " " "

225 white slab?

aplite block field

250 oc t.l. bio gas orthoques?

mantle zone texture

300 M4 yellow bn moist vly soil some cps

400 M5 moist bn soil vly

500 M6 " " " " "

chic "granite" m.g. ± bio i.

600 M7 moist bn vly soil 10-15°

700 M8 " " " " "

800 M9 " " " " " Some metam. cps

900 M10 moist sandy loam? 10°

1000 M11 " " " " 10°

1100 M12 " " " " " go block 2m

1200 M13 wet grey clayey soil 10°

1310 M14 moist vly soil 10°

100% clay go rubble mat?  
 Kspen 2cm phos 5-10%  
 62A, 101 / 6, 990, 704 ± 7

Commercial Solutions Inc.  
www.commercialsolutions.co

@ Jnr Cabin + Scraggy Ck S

0 BLC 800 S

225/0" 290/0"

1525 on flaty part of zone

Sub crop slabby QF gas hld

M15 ~ 1300m yllw moist rky mozc soil 5°

060/0"

boride old soil pit  
620, 601/6, 989, 106 ± 5 [905]

- 75m M16 rky damp yllw mozc soil 10°
- 150 M17 " " " " " " 10-20cm
- 194 old pit + fly
- 225 M18 " " " " " " 15°
- 300 M19 " " " " " " 5-10°
- 340 old pit + fly
- 375 M20 " " " " " " 5°
- gray clay 10-20cm mozc 20-25°
- 392 old pit + fly
- 440 " " " "
- 450 M21 " " " " " " 5-10°

Commercial Solutions Inc.  
www.commercialsolutions.co

bottom 5cm mozc  
502m A10 100NE

loosey top

- 525 M22 rky dry-damp moist bn yllw soil 10-15°
- 575 old soil auger fly rhy metal Dme?
- 600 M23 loosey rky bottom gas bn dry-damp 15°
- 675 M24 rky damp bn soil w rky 10-15°
- 750 M25 0-20 gray bn damp 20+ bright yllw damp rky soil 10-15°
- 825 M26 bn damp rky soil 15°
- 900 M27 sandy " soil + blk 15° some mozc
- abd gas pebbles
- 955 clam like
- 975 M28 damp rky yllw bn soil 15°
- 1050 M29 rky bn damp soil 5-10°

dry - moist - damp - wet - v wet

- 1125 M30 <sup>gas</sup> rky bn damp soil 5-10°
- 1200 M31 " " " " 5°

BLC 800 S

1260 lip "bench" @ corner into Cabin Ck

Sept. job on bench above Scraggy with Cabin Ck  
Contain up Ck on N side

- 0m 621, 570/6, 990, 014 ± 7m [613]
- 10m M32 gray br moist loosey soil rky bottom 0°
- reset 0m M32
- 50m M33 clear rky bn-gray moist soil 0°-5°
- 78m C550S 40w
- 100 M34 bn-gray mixed arg loosey few rky 5°
- 150 M35 mozc rich tan soil moist 5° mozc-kyan cobbles
- 200 M36 bn (loosey?) rky soil moist 5-10°
- 207 C55 160w
- 227 " 180w
- 247 " 200w
- 250 M37 rich bn moist-dry rky soil 10-15°
- 300 M38 heavy 25cm mozc rky yllw soil 15°+
- 350 M39 " 20 " " " " 15°+
- C380W 520S
- 400 M40 rky tan soil 15+ 10-15 loosey? 15-20°
- 438 C400W 540S
- 950 M41 heavy hummoy bn soil moist 20°
- 500 M42 moist mixed hld mostly rky tan brn 20°+
- 550 M43 " heavy rky 30% yllw bn 15-20°
- 600 M44 rky moist tan bn soil 20°
- 611-623 dozen scum top 20m up hld abd gas + peg  
gas truly hld dig ± mozc
- 650 M45 moist rky bn soil 20° 15°
- 680 old fly ? A00NE? 400NE?

Commercial Solutions Inc.  
www.commercialsolutions.co

700	M46	yellow bn + humusy heavy soil moist	10-15°
750	M47	moist rky " soil peg cps	15°
800	M48	org. sandy moist all gravel	10-15°
850	M49	tan brown heavy moist soil	10-15°
900	M50	moist med bn no org clay soil	"
950	M51	" heavy? few rka bn rck	10-15°
1000	M52	" rky bn soil	10°
1050	M53	" heavy low org med dble bn	10°
1100	M54	" 1/2 heavy + org 1/2 yellow clay	15°
1150	M55	" " " " " " "	"
1200	M56	" " " " " " "	15-20°

@ 1175' + 20m S

620,369 / 6,289,931 ± 12

Commercial Solutions Inc.  
www.commercialsolutions.co

### Upper Suggie

excav ptz eye gd w xeno. lths (mostly) to 10 cm  
at along rd + plow into  
towards end of rd 100m peg R-Q-ply + bit  
dyle cuts gd.

Flint in cleared cut (tree + mud stripped)  
Contains much gd worn @ S end cleared  
area @ 625,511/6,984,752 ± 3m [718]  
top end cleared area  
It also contains amphibole gns  
minor rhyolite fg gns

### UP W side Suggie (CE) 0m

150m large 1-2m clear gd blk

200 R385 fine silt small blk gd chunkle  
+ peg.

264 R386 Big trib fine silt

amphib flt + gd + rhyo + peg

top note bench level to S [30-50] above de

stop string

R387 next big trib from W All contain

gns - rck + peg No gd

385-387 collected below bench level

+200m peg below base slope

+500m R388 small silt multi contain ex

+500m R389 Big trib cty amphibole gmet qz

rhyo fg gns ± peg

→ up de 500m no change det

Cross valley to Moose trail + back  
to Manipusa. Good trail in on  
E side Suggie ell.

Commercial Solutions Inc.  
www.commercialsolutions.co



Upper Scaggite

walked on narrow trail to flag  
from previous trip

(Up old) + areas for

R390 good silt big stuff

cg hbd-quartz amphibolite gns

big gns No shys? No pep.

up creek 500 m ± above trib from by road

R391 sandy silt Scaggite dk

much of fine gr. Small cg quartz neph.

Same shys, no gd.

cross spring in vally

R392 silt E side v fine silt low cps  
all metam.

N 100m to old cabin base slope no metal

N 50m 2nd cabin. pole rock collapsed

through dry gulley

R393 soil steep hillside meta cps

B N clay base slope

40m ore shys fine gtz eyes  
then R.F. gns

30r GC's strat here gns

400 nose of hill w gns rubble

580 shys + gns rubble

700 gns rubble

1040 gns rubble

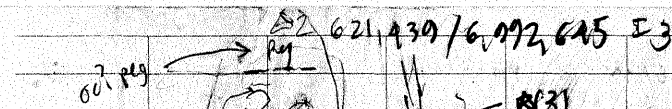
1130 " "

area rubble + gd. summit

area from R387 shaft + cabin

+500-1000ft cabin + shaft 10'x20' no tails

Commercial Solutions Inc.  
www.commercialsolutions.ca

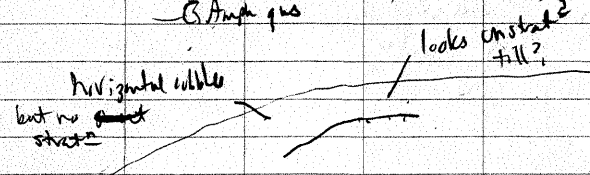


oc hrd  
mg dior

to

land old flag N31 on road big dior like in  
cut above. N31 is part of O2 above  
on clay with "perhaps dry quartz" no S.D

@4 mg dk fld hrd dior cut by peg bldes  
covered by unstratified gravel (fill?)  
fall 023/70 E to 80E  
flat c.bldes + bldes are thin have  
horizontal part.  
No striations on bldes  
Bldes include dior, much shys, gns, pep  
- B. Amph gns



Commercial Solutions Inc.  
www.commercialsolutions.ca

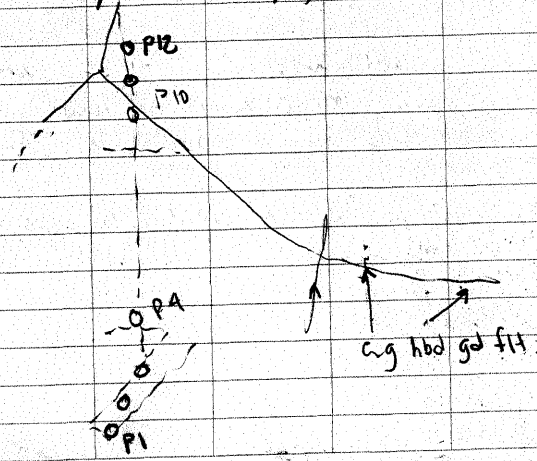
Looking for neg of P43 min<sup>s</sup> on bench  
 an strike " " " "  
 P43 was in certain grey gneiss  
 Sample line within neg 4<sup>1/2</sup> m from bench

621,209 / 6,992,751 ± 6 tree stripped sampling

P1 0m dump on clayey w v soil 5°  
 107.1 0m all tree stripped  
 10m P2 v dump cherty clayey soil 5°  
 20m P3 " " " " " " 0°  
 68m No 0m  
 30m P4 dump cherty clayey soil 5°  
 40m P5 " " " " " " 2°  
 50m P6 " " " " " " 5°  
 60m P7 " " " " " " 5°  
 70m P8 " " " " " " 2°  
 80m P9 " " " " " " 2°

gradually top 10 cm  
 clayey sample to v 2  
 c zone tree charred

90m P10 dump cherty clayey soil 5°  
 100m P11 moist " " " " " " 2°  
 112m P12 " " " " " " 2°  
 621,308 / 6,992,794 ± 6



Commercial Solutions Inc.  
 www.commercialsolutions.ca

0 P1	1248	0m				
10m	P13	dump	glitty	clayey	cherty	soil 5°
20m	P14	"	"	"	"	" " " "
30m	P15	"	"	"	"	" " " "
40m	P16	"	"	"	"	" " " "
50	P17	"	"	"	"	" " " "
60	P18	"	"	"	"	" " " "

Big peg clear blue zone w of place posts  
 400m ± upstr P line

535 ± 50 to claim line

Walk N to No 1 YC 17668 + 17669  
 No 2 YC 17666 + 17667

450m + N to No 2 YC 17668 + 17669

East 0m 620,887 / 6,992,675 ± 7  
 5m SE of posts

- Flagged following posts
- 1 In trees by creek (W of)  
 " 370m E of No 2 Posts "
  - 2 In clearing of P review MMTI sent  
 " 370m E + 30m N of No 2 Posts "
- Both trees have 5 pink w black stripes  
 ribbon tied around trunk.  
 P5 is 370m E + 35m N of No 2 posts

hbd 15<sup>h</sup> gd bedrock rubble next into to S  
 older cuts

Commercial Solutions Inc.  
 www.commercialsolutions.ca

**a. QMS ridge line**

@ M15

**Up ridge 0m**

476 1/2m qtz blk 2lar <sup>R394</sup> on magnetite  
520 rubble on ridge - gnd musc.  
670 end search

620,282 / 6,988,560 ±6 [984]

NAD 27 <sup>canada</sup> 620,407 / 6,988,606 ±4m  
NAD 83 620,281 / 6,988,781 ±4m

+176 -175

**set NAD 27**

840 old pit + fly QMS

**NE 0m**

30m M18 620,916 / 6,989,035 ±4 <sup>R</sup>

52m old pit + fly

83 " " " " M19 nearby w qtz sol

124 cut string qtz py art 10m N

142 old pit + fly QMS eps

176 M20 QMS eps

192 old pit + fly @ 53? Q83? U53

247 " " " " 11-35 1124

260 end

@ 124 + 10mN <sup>R395</sup> RC 1m blk qtz w  
2% lhd py cubes < 2mm - musc parting

153 @ 83m pit QMS one piece like R395

4m 1m blk QMS → silica + 2% py cubes

8m R396 RC blk pm like 1m <sup>B</sup>

85 old pit + old fly QMS eps

620,893 / 6,989,019 ±7 <sup>B</sup>

80m NW R396 w R397 2m slab qtz w lhd py & musc parting

+15m contourly <sup>R398</sup> pl silica musc qtz sch w  
pink (Kapan?) seams <sup>5</sup> & low sp lhd  
" is oxidized carb? or white? or?  
section in R399

5m up hill to <sup>R399</sup> siliceous musc sch w  
trace dist py + some fine <sup>5</sup> lhd  
this is more like "normal" QMS

+15m contour to subseq similar  
+10m to edge into bowl much QMS w  
1% D py lhd silica <sup>5</sup> old fly.

K1 10m below R396 + 3m from old soil pit  
qtz w musc parting > 95% <sup>5</sup>  
1-2% D py <sup>5</sup> 1/2m blk

<sup>some</sup> R400 10m contour to NW 3-5% D py lhd  
ch silica w musc parting <sup>5</sup>

K2 qtz + musc + 3% D py + F py lhd <sup>5</sup>  
many small pieces like this

Absent bria textures

K3 > 95% silica 2-3% F+D py lhd <sup>5</sup>  
crackle brecciated

K4 brecciated qtz and QMS breccia  
1-5% D py lhd <sup>5</sup>

Contour + drop 11/4 10m

27 K5 <sup>no</sup> QMS badly lhd 5% FD py?

33 K6 <sup>im</sup> silica rich w musc parting 5% D py lhd <sup>5</sup>  
other blk like this one near K5

44 rubble QMS no sp no bria qtz <sup>no</sup> <sup>no</sup>

<sup>around</sup> 93 136/39NE <sup>1/2</sup> in solid OC QMS

K7 1-2% FD sp <sup>no</sup> locally bria  
around 2m

111 more similar OC 15m long // 4m

OC justed but attributes similar  
these OCs are under prob<sup>ly</sup> siliceous  
clasts to 123 to top OC on ridge

Commercial Solutions Inc.  
www.commercialsolutions.org

Commercial Solutions Inc.  
www.commercialsolutions.org

30m contour bank  
195 thin shaly lime old soil pit 10m above  
~~200 shaly lime old soil pit~~

202 old soil pit QMS go

Dam Hill

226 R397

242 Patch + start shaly lime K2-4

Dam Hill on

20m R8 silic<sup>s</sup> 95% mass py + chd py 3%

35 R395 5-10m n/lt

59 good place to build (H)

76m K9 1m str. blk in mass partings  
+ <10% F py? chd

85m over bank submap "wily" alt<sup>s</sup> QMS

91m (1) silic<sup>s</sup> wily alt<sup>s</sup> QMS submap

111m (2) lower silic<sup>s</sup> " " " riddle

183 old pit + flag

15m contour to SE "AID 4ANE"

15m N of 183 to M21

Commercial Solutions Inc.  
www.commercialsolutions.co

027/72 grey gneiss foln oc in creek  
© 1621, 207/6, 902, 947 ± 6

Dam + cross creek to big shaly lime  
cross S. Crk. to Clarke Crk  
Cabin here

Dam + cross creek to big shaly lime

(K10) silt 200m above old rd @ base slope.

ft fly grey gneiss to cig gneiss much peg.

• some intr. below gr.

S along rd + on bank much grey gneiss

OC + lot of alt<sup>s</sup>.

blue fly lime across from mouth Clarke Crk

OC 50m S is near that big grey gneiss

cut by peg dyke

+ 200m ± recent digger trail across to rd

from Centre Sargent Valley

+ 200m that bench area everywhere else

alt<sup>s</sup> - but 2 dams behind in the old

valley cut

much peg rubble on hillside

+ 100m up creek (K11) good silt.

Almost all peg but some grey gneiss

Big OC N of mouth of crk is peg - intrusion

probly all peg but texture looks on

cig. gneiss in place. Matrix contact

anywhere < 5%

+ 300-500m big OC peg in creek

horiz "Sounding" to valley +

+ 500m next OC peg

+ hillside mainly peg but grey gneiss

easy to find (past corner)

Peg + grey gneiss rubble to bottom fault + dig

some intrusion below that 200m below cut

Commercial Solutions Inc.  
www.commercialsolutions.co

grey in dc's rubble fairly common  
along hillside

Below Strata in Sample

147/62 NE flip in grey gneiss fairly laminated  
621,636 / 6,985,053 ± 3

more siliceous "beds" 1 cm - 10 cm thick to NE

w. of 1/3 m. // foliation in Am

to SW of 1/3 m. to 1-2 cm thick

Some "irregular" (Ksp) veins

150 / 75-90 NE Ksp auger grey gneiss w fine  
lamellae Kspen  
w side of cut

621,645 / 6,987,926 ± 3

155 / 74 NE to 90 50m up strata @ north Strata  
recent cut (soil) dug up Strata

621,592 / 6,988,105 ± 4

P19 damp org. musc rich clayey soil < 5°  
West 0m

15m P20 5° damp org. musc clayey soil fairly

30m P21 5° " " " " " "

45m P22 5° wet gritty clay

60m P23 5° damp wet gritty clay clayey soil

@ base steeper slope back of

remnant sloped side bench

Some clay at bench on point

across valley

75m P24 dry bn soil 20° moist

90 P25 " " " " "

musc rich bottom 20-30+ cm

Rx are grey gneiss

No QNS caps seen

17m from P19 East to edge cut

Songweck near Zoro An shany

K12 R1 2m blk in ck qtz with  
w discant stz inks 2 lona  
→ auger qtz 3% p py ⑤  
spld?

~ 30m upstr from P14  
P14 3m oc @ creek edge

155/10 (5-20) NE fl<sup>2</sup> in  
massive gully grey gss w v basal s<sub>o</sub>  
no musc.  
1cm x 1cm fragment oc on sidehill  
-621, 820 / 6, 988, 320 ± 6

156/34 NE xllant attitude AMS oc  
20m long above rd  
5' gneiss 4' m. Unifine texture.  
621, 967 / 6, 988, 1298 ± 4

Commercial Solutions Inc.  
www.commercialsolutions.ca

Songweck ck w 40m above Catnick mouth

621, 729 / 6, 989, 318 ± 7

P26 on sidehill sandy soil. v. high ground 75°  
rky moist bn soil

~~P27~~ Wet on

15m P27 sandy clay soil 25° below -  
push from bench above moist origin

30 P28 bn clayey rky moist - dump 0-5°  
tree stripped bench

45 P29 sand-clay-rck. just grey 2°  
gravelly bench stripped of trees

55 B14 60 NE

60 P30 5-10m N of this slightly org<sup>c</sup> clayey  
soil ± rky 5° in cleared area

75 P31 moist dk bn rky soil carpet 5°

90 P32 " " " " " " "

105 P33 " " " " " " " stripped  
of trees

120 P34 moist org<sup>c</sup> top 5cm then yellow bn sandy  
gritty clay soil 5-10° v. high ground

135 P35 moist bn rky soil 5-10°

150 P36 " " " " "

175 BLB 1300 SE

165 P37 " " " " 5-10°

180 P38 " " " " 70°+ steepened

Commercial Solutions Inc.  
www.commercialsolutions.ca

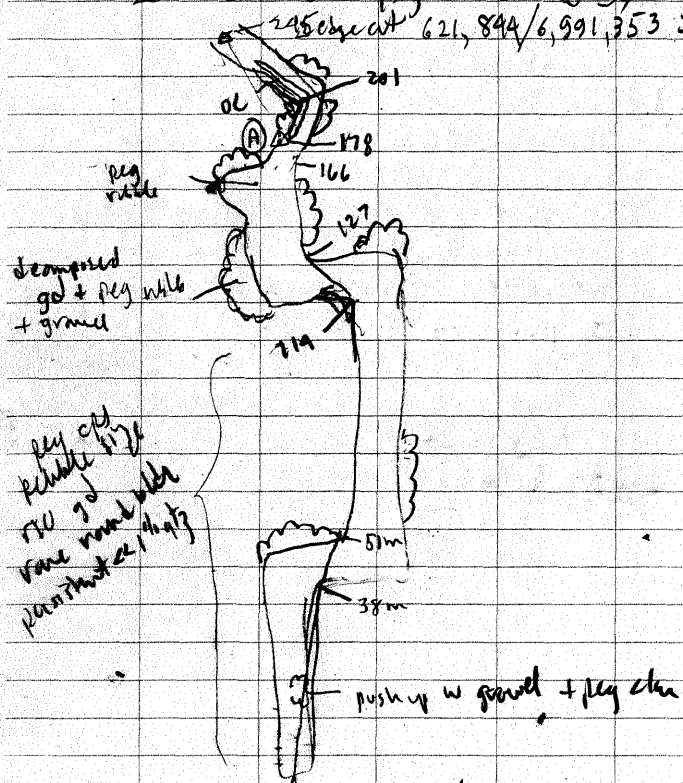
1st year trench across from bridge

(A) 621, 785 / 6,991,339 ± 5  
oc on steep hillside in 50% peg Lyles  
+ 50% cng 4th hbd gd.

here near top hill start to see rock blps  
- phls indicating gravel on bench

2 - 20 cm qtz blps no sd

295 chert 621, 844 / 6,991,353 ± 4



(B) 621, 610 / 6,991,354 ± 4

Commercial Solutions Inc.  
www.commercialsolutions.ca

No1 20219 624,329 / 6,987,620 ± 6  
No1 36190 265m from Post #2 36190

East 0m

10m Q219 10m NE

NE 0m

~21m Q219 + other pink fly 2ally

NE 0m

40m Q218

dig pit here. Original soil hole not  
seen as was collected at upper  
P.T exposed < 5 cm humus over  
minimal s.t with QMS

qtz rich QMS

collected 20 rocks and sampled 5  
@ (K13 to K17)

All are qtz rich 60% - 80% + musc

All are wsty

All contain variable quartzite after pyrite  
cubes about 1-2mm diam

Mean line km<sup>K13</sup> K14, 16, 17

Specimens Samples taken at all samples  
for later exam if necessary.

# 110m P26 15-20m NW

dig pit - only grey gns no alk.

one piece wavy banded musc gch-gas

(K18) musc sch wsty w qtz QMS

(K19) bn (S11) bn. 1/2 P26 1/2m

(K20) RE qtz musc gns (S) wk line

260 Sample line Q226 FQ227

Commercial Solutions Inc.  
www.commercialsolutions.ca

K47L

~~Q226~~  
K21

sandy matrix on soil beneath

Q226

Fit all <sup>gr. size</sup> grains w/mina matrix  
few sub clin to sub md pebbles

@ Q227 qtz blades collected from pit dug out

K22

K23

K24

K25

not sampled because

all qtz was associated

w/apatite

Back down cleaning line

965m CIP 5 623,888 / 6,987,599 ± 9

82m to skid rd CIP 5 623,447 / 6,987,520 ± 6



620,010

### RUM RUN PROPERTY Scroggie Creek 1150/1+2 1153/15+16 GEOLOGY, CLAIMS and REGIONAL SILTS

Gr - granite  
 Peg - pegmatite  
 PPGdn - Proterozoic-Phanerozoic  
 granodiorite  
 PPsdn - Proterozoic-Phanerozoic  
 schists & gneisses  
 mainly garnet hbd  
 qtz ts par gneisses

$\frac{Z4}{\text{location}}$   
 20 } ppb Au  
 18 } ppm AS  
 48 } ppm Pb

RUM RUN } quartz  
 MCPHEE } claim  
 SCROGGIE } block  
 WOLF } names  
 PYREX }  
 LA }

Jan 15/2000

2006 work  
 Focussed Regional  
 Target Eval

