GEOCHEMICAL REPORT

Whopper Mineral Claims
Ailsa Lake Area
Nelson Mining Division
Trim 082F/058 082F/059
543792 E 5486438 N

Operator
Kootenay Gold Inc.
Suite 550, 999 West Hastings St
Vancouver, British Columbia
Canada V6C 2W2

Owners:
Sean Kennedy
103B Sunrise Lane
Kimberley BC

Report by
Sean Kennedy

April, 2006

28,322

TABLE OF CONTENTS

1.0	INTRODUCTION		Page 3
	1.1	LOCATION AND ACCESS	Page 3
	1.2	HISTORY	Page 3
	1.3	PHYSIOGRAPHY	Page 3
	1.4	PROPERTY	Page 4
	1.5	SCOPE OF PRESENT PROGRAM	Page 4
2.0	PROPERTY GEOLOGY		Page 4, 5
3.0	ROCK GEOCHEMISTRY		Page 5
4.0	CONCLUSIONS AND RECOMMENDATIONS		Page 6
5.0	STATEMENT OF COSTS		Page 7
6.0	STATEMENT OF QUALIFICATIONS		Page 8
Figure 1.	Regional Property Location		Page 3
Figure 2.	Claim Map		Page 4

Appendix 1. Assay Results
Appendix 2. Sample Locations and Descriptions
Appendix 3. Sample Location Map

1.0 INTRODUCTION

1.1 LOCATION AND ACCESS

The Whopper claims are located in the Meachem creek watershed approximately 38.5 kilometres from Kimberley at a bearing of 245°. The claims are centred around Ailsa and Mayo lakes.

Access to the property is provided by an old brushed in logging road, which branches off the main Meachem creek Forest Service road at approximately 17 kilometres. From this point it is then necessary to walk the road to an old brushed in trail to gain access to Mayo lake.

Figure 1. Regional Property Location

1.2 HISTORY

No old workings or showings have been identified on the property. Recent exploration in the Ailsa and Mayo lake area includes a limited soil geochemistry program run by Cominco as well as an exploration program conducted by Eagle Plains Resources.

1.3 PHYSIOGRAPHY

Much of the property exists in the sub-alpine to alpine. Hillsides are generally steep and cliffy some cliffs have vertical rise in excess of 350 meters. At lower elevations spruce-balsam trees, huckleberry bushes, and mountain alder dominate forest vegetation. Vegetation around both Mayo and Ailsa Lake is very thick on the east and west facing aspects. North facing aspects tend to be dominated by rock talus and cliff.

1.4 PROPERTY

The Whopper property consists of tenure numbers: 506245, 519218, 519219, and 519654.

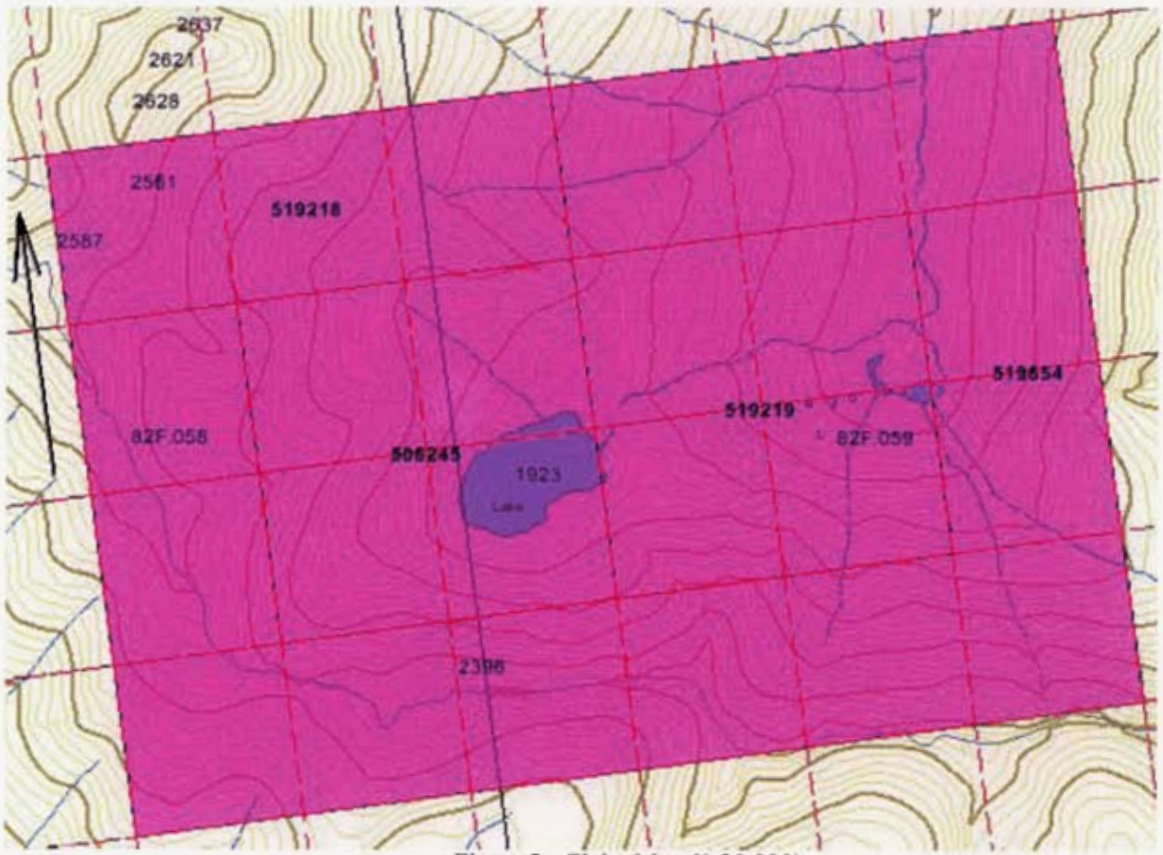


Figure 2. Claim Map (1:20,000)

1.5 SCOPE OF PROGRAM

The Whopper claims were initially staked in the winter of 2005 after research showed promising soil geochemistry results obtained by Cominco. A cretaceous age granitic stock was previously identified in the Ailsa Lake basin, this coupled with Cominco's results made the area a promising exploration target. During the summer a brief prospecting/rock geochemistry program was conducted by the author and fellow prospector Mike Kennedy to evaluate the area.

2.0 GEOLOGY

Geological mapping in the area by Cominco has identified a granite/syenite, medium grained cretaceous stock in the Ailsa Lake basin. Sedimentary rocks underlying the property include rusty weathering thin-bedded argillaceous upper

Aldridge formation, and mixed siltstone/argillite and quartzites of the Creston formation of the Helikian Purcell Supergroup.

3.0 ROCK GEOCHEMISTRY

16 rock samples were collected from the area, MAL-1 to MAL-5, MAL-9 to MAL-19. Samples were sent to ACME Laboratories Limited in Vancouver and were analyzed by ICP-ES. Gold was ignited, acid leached and analyzed by ICP-MS.

During the program samples were collected from three main features: shearzones, quartz veins and alteration within the Ailsa Lake stock and metamorphosed sediments adjacent to the intrusion.

A number of bedding parallel phyllitic shears were noted and sampled in the area (#1, 2, 3, 4, and 9). Shearing was mostly trending NW and contained quartz veining with limonite and fresh pyrite. Galena and sphalerite were noted in a wide shear at sample sites 1,2. Carbonate alteration is evident with the shears in addition to zones of silicification, albitization, and associated hematite breccias.

The Ailsa Lake stock, where exposed, is generally a sericite altered granite/monzonite intrusion. Disseminated pyrite is common within the intrusion as well as disseminated sphalerite. Quartz veining is very common with veins occurring in excess of 30 cm wide. Quartz veins are often mineralized with galena, sphalerite, bismuth, arsenopyrite and molly. Vein sets are cross-cutting each other at perpendicular angles and trend 330°, and 240° respectively with vertical dips. Active ferricrete conglomerate was noted as occurring near the back-end of Ailsa Lake.

Broad zones of hornfelsing and sericite alteration occur in the sediments. At sample site 11 pegmatite dykes in hornfelsed rock near the intrusive pendant were noted to contain galena and pyrite. Samples 16, 17, 18, and 19 were collected from sericitically altered quartzites with mineralized fracture sets striking 50° and dipping 64° NW, crosscutting bedding. Fractures contained galena, sphalerite, chalcopyrite, arsenopyrite and pyrite. Disseminated galena and sphalerite were also seen in a number of locations. Sulphide rich quartz veins and zones of intense albitic brecciation bearing sphalerite and galena (#18) were sampled.

Geochemically a number of anomalies have been detected. Silver values from 11 of the 16 samples returned anomalous values in excess of 10 ppm with the highest value being 59.5 ppm. Bismuth values from all but four of the samples were greater than 50 ppm with the highest value being 1809 ppm. Tungsten values obtained from shearzones, within the intrusion, and from mineralized sediments returned values in excess of 100 ppm in 6 samples. Weakly anomalous gold values were detected in the intrusion and in a shear with the highest value being 46.8 ppb. Lead and zinc anomalies, both within the intrusion and peripheral to it in the sediments, are also apparent.

4.0 CONCLUSIONS AND RECOMMEDATIONS

The Whopper claim block was staked to cover a cretaceous age granitic stock which previous soil geochemistry had identified as having an obvious molybdenum signature. Limited prospecting and rock geochemistry conducted in the summer of 2005 identified a number of well mineralized zones of both fracture and disseminated galena and sphalerite, both within a very altered quartz-vein rich intrusion and in the wallrock peripheral to it. A strong silver/bismuth/tungsten anomaly, which appears to be closely related to the intrusive event, as does the galena and sphalerite mineralization, is in need of further exploration. A number of strong NW trending shears were identified which carried galena and sphalerite and assayed as weakly anomalous in gold.

It is recommended that further prospecting be done in the area with a greater focus on detail and rock sampling. Soil sampling should be conducted in some detail below Ailsa Lake heading north towards Meachem creek. Geological mapping should also be done around the area to try and identify a structural control for the mineralization.

5.0 STATEMENT OF COSTS

Prospecting services:		
Mike Kennedy	3 @ $250.00/day	$750.00
Sean Kennedy	3 @ $250.00/day	$750.00
Assaying	16 samples @ $20.00/sample	$320.00
Vehicle	3 truck days @ $100.00/day	$300.00
Report writing	1 day (S. Kennedy)	$250.00
Field and report supplies		$ 50.00
Total		$2400.00

6.0 STATEMENT OF QUALIFICATIONS

Authors Qualifications

I, Sean Kennedy, certify that:

1. I am an independent prospector residing at 103B Sunrise Lane, Kimberley, BC.
2. I have been actively prospecting in the East Kootenay district of BC for the past 14 years, and have made my living solely by prospecting for the past 6 years.
3. I have been employed as a professional prospector by junior mineral exploration companies.
4. I own and maintain mineral claims in BC, and have optioned claims to exploration companies.

Appendix 1. Assay Results

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Kootenay Gold Corp.
Acme file # A508065 Received: DEC 12 2005 * 28 samples in this disk file.
Analysis: GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
AU* GROUP 3A - IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15.00 GM)

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MAL-01	1	13	2213	1502	20.2	3	3	41
MAL-02	1	43	143	31	1.5	2	3	205
MAL-03	<1	11	14	29	<.3	16	22	114
MAL-04	9	38	108	60	87	1	3	34
MAL-05	36	6	882	63	47.7	1	5	353
RE MAL-05	35	6	906	70	47.9	1	5	354
MAL-09	<1	33	71	7	0.4	4	6	204
MAL-10	<1	29	7582	443	8.6	2	2	59
MAL-11	1	13	8687	367	23.6	1	2	33
MAL-12	1354	7	353	<1	12	1	4	20
MAL-13	15	4	141	5	1.5	1	1	20
MAL-14	8	3	662	2	19.1	1	1	23
MAL-15	835	8	605	295	15.8	1	2	30
MAL-16	6	9	1622	762	59.5	12	5	1309
MAL-17	<1	65	552	1635	46.3	24	18	133
MAL-18	4	238	535	376	14.4	4	5	64
MAL-19	2	168	1730	>10000	35	12	28	268

ELEMENT	Fe	As	U	Au	Th	Sr	Cd	Sb
SAMPLES	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MAL-01	1	<2	<8	<2	4	3	23.2	<3
MAL-02	4.56	<2	<8	<2	10	4	<.5	<3
MAL-03	2.13	2	<8	<2	13	5	<.5	<3
MAL-04	2.18	<2	<8	<2	<2	2	<.5	<3
MAL-05	3.65	19	<8	<2	5	69	0.8	<3
RE MAL-05	3.63	21	<8	<2	5	69	1	<3
MAL-09	1.79	5	<8	<2	21	7	<.5	<3
MAL-10	1.68	745	<8	<2	5	3	7.7	<3
MAL-11	1.89	36	<8	<2	4	22	2.1	<3
MAL-12	1.53	62	<8	<2	2	8	<.5	<3
MAL-13	0.69	13	<8	<2	<2	6	<.5	<3
MAL-14	0.7	9	<8	<2	<2	<1	<.5	5
MAL-15	1.91	<2	<8	<2	3	12	1.6	<3
MAL-16	1.65	34	<8	<2	4	53	9	<3
MAL-17	3.6	91	<8	<2	7	3	21.7	<3
MAL-18	1.02	<2	<8	<2	4	11	4.2	<3
MAL-19	4.89	6	<8	<2	3	2	293.7	<3

ELEMENT	Bi	V	Ca	P	La	Cr	Mg	Ba
SAMPLES	ppm	ppm	%	%	ppm	ppm	%	ppm
MAL-01	62	1	0.01	0.01	6	4	0.08	30
MAL-02	5	5	<.01	0.025	9	8	0.11	41
MAL-03	<3	21	0.05	0.012	19	29	0.46	3
MAL-04	1100	2	0.01	0.007	<1	15	0.01	3
MAL-05	519	2	0.7	0.064	5	13	0.08	44
RE MAL-05	527	1	0.7	0.065	5	5	0.08	44
MAL-09	4	6	0.01	0.028	10	7	0.02	13
MAL-10	11	2	0.01	0.013	4	4	0.01	26
MAL-11	50	4	0.01	0.024	8	8	0.04	29
MAL-12	412	3	<.01	0.008	6	9	0.02	21
MAL-13	51	<1	0.12	0.002	2	7	<.01	6
MAL-14	1809	1	<.01	0.005	<1	10	<.01	3
MAL-15	555	2	0.02	0.024	2	5	0.01	22
MAL-16	138	1	1.02	0.022	7	4	0.28	17
MAL-17	115	9	0.04	0.017	9	3	0.05	35
MAL-18	65	3	0.15	0.062	9	7	0.01	9
MAL-19	626	2	0.02	0.006	5	6	0.13	19

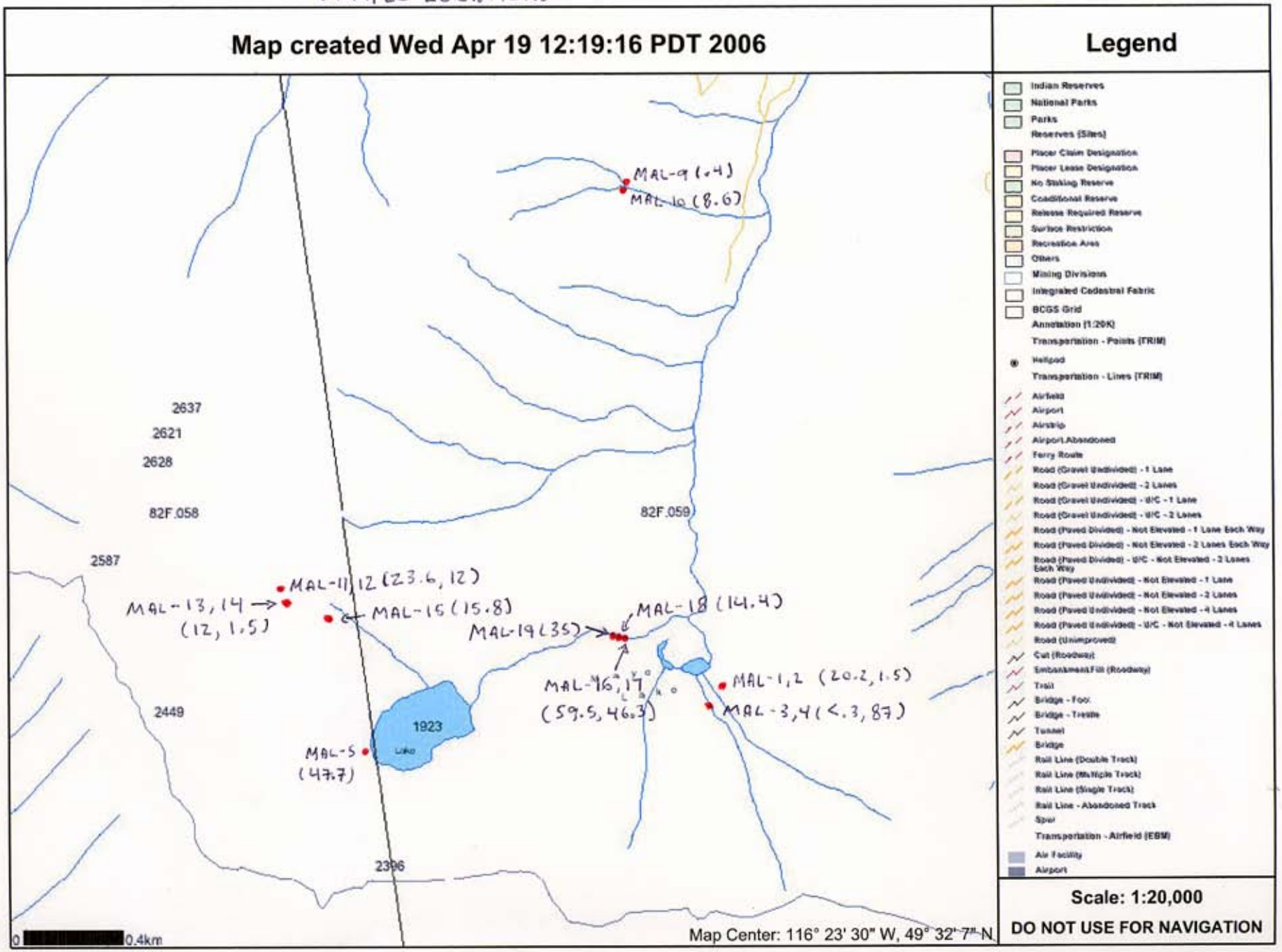
ELEMENT							
SAMPLES	Ti	B	Al	Na	K	W	Au*
MAL-01	%	ppm	%	%	%	ppm	ppb
MAL-02	<.01	<3	0.3	<.01	0.13	2	2.5
MAL-03	<.01	3	0.59	0.01	0.22	<2	<.5
MAL-04	<.01	<3	0.71	0.06	0.02	<2	1.2
MAL-05	<.01	7	0.06	0.01	0.01	<2	46.8
RE MAL-05	<.01	5	0.35	0.01	0.23	>100	45.5
MAL-09	<.01	<3	0.35	0.01	0.23	>100	31.8
MAL-10	<.01	<3	0.23	0.01	0.13	<2	0.8
MAL-11	<.01	<3	0.21	<.01	0.14	<2	2.5
MAL-12	<.01	<3	0.33	0.01	0.23	3	6.3
MAL-13	<.01	<3	0.22	0.01	0.17	6	16.9
MAL-14	<.01	3	0.03	<.01	0.03	>100	2.2
MAL-15	<.01	<3	0.03	<.01	0.01	59	40.7
MAL-16	<.01	<3	0.18	0.01	0.12	>100	14.6
MAL-17	<.01	<3	0.3	0.03	0.19	>100	10.1
MAL-18	<.01	5	0.51	0.01	0.35	98	8
MAL-19	<.01	6	0.19	0.04	0.08	>100	5.6
	0.01	8	0.29	0.01	0.12	59	4.2

Appendix 2

Sample Locations and Descriptions

Sample #	Utm East	Utm North	
MAL-1,2	544770	5486368	320 degree trending phyllitic shear zone,quartz veining with limonite/py., carbonate alteration, galena, sphalerite, Po
MAL-3	544711	5486290	Silicified breccia zone, pyrite, some hematite/albite breccia
MAL-4	544711	5486290	Quartz vein, lots of limonite, carbonate alteration, vuggy, same zone as 3
MAL-5	543390	5486250	Sericite altered granite, disseminated Py, and galena, molly?, qtz veins
MAL-9	544669	5488301	340 degree striking vertical shear zone, limonitic veins, silicified breccia, sericitic, some phyllite, fresh py, 3.5 meters wide
MAL-10	544659	5488262	Bedding parallel 4 cm wide quartz vein, vuggy, galena, lim
MAL-11	543170	5486899	Narrow pegmatite dykes within hornfelsed sediments, near pendant, pyrite rich quartz veins with galena
MAL-12	543170	5486899	Altered quartzites with pyrite rich quartz veins and molly
MAL-13	543182	5486848	30 cm wide quartz vein, 330 degree strike, vertical dip, cutting sericite altered stock, limonite, vuggy
MAL-14	543182	5486848	Same vein as 13, bismuth
MAL-15	543305	5486770	Sericite altered veins in stock, 330 degrees strike, molly, pyrite, limonite, vuggy
MAL-16	544320	5486625	Py rich quartzites with sphalerite and galena along fractures and disseminated, fractures strike 50 degrees, dip 64 degrees NW
MAL-17	544320	5486625	Same as 16
MAL-18	544300	5486625	Bedding parallel albitic? Zone lots of sulphides, sphalerite, galena
MAL-19	544275	5486620	Quartz vein with sphalerite

APPENDIX 3
SAMPLE LOCATIONS



(Silver in ppm)