



Ministry of Energy & Mines  
Energy & Minerals Division  
Geological Survey Branch

ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)] SOIL, ROCK + GEOMECHANICAL TOTAL COST \$12,890.56

AUTHOR(S) TOM McDONALD / ALFRED MCKAY SIGNATURE(S) [Signatures]

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) N/A YEAR OF WORK 2011

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) \_\_\_\_\_

PROPERTY NAME STELLER 2

CLAIM NAME(S) (on which work was done) STELLER 2

COMMODITIES SOUGHT CU, AU, AG, ZN + PR

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN C82-063 / 82M-072 / 82M-130

MINING DIVISION Kamloops NTS 082-1031

LATITUDE 0 " LONGITUDE 0 " (at centre of work)

OWNER(S) UTM 506000E - 5866000N

1) TOM McDONALD 2) ALFRED MCKAY

MAILING ADDRESS  
Box 202 STN MAIN 2697 WESTSIDE RD  
Kamloops B.C. V2C 5K6 Kamloops B.C. V2B 7C7

OPERATOR(S) [who paid for the work]  
1) N/A 2) \_\_\_\_\_

MAILING ADDRESS  
N/A

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):  
VOLCANIC MASSIVE SULPHIDE

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS  
REFER TO REFERENCE PAGE

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
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GEOLOGICAL (scale, area)

Ground, mapping N/A

Photo interpretation \_\_\_\_\_

GEOPHYSICAL (line-kilometres)

Ground

Magnetic \_\_\_\_\_

Electromagnetic \_\_\_\_\_

Induced Polarization \_\_\_\_\_

Radiometric N/A

Seismic \_\_\_\_\_

Other \_\_\_\_\_

Airborne \_\_\_\_\_

GEOCHEMICAL

(number of samples analysed for ...)

Soil 54

Silt 3

Rock 4

Other \_\_\_\_\_

DRILLING

(total metres; number of holes, size)

Core N/A

Non-core \_\_\_\_\_

RELATED TECHNICAL

Sampling/assaying 61 SAMPLES 54 SOILS, 3 SILTS + 4 ROCKS

Petrographic \_\_\_\_\_

Mineralographic \_\_\_\_\_

Metallurgic \_\_\_\_\_

PROSPECTING (scale, area)

PREPARATORY/PHYSICAL

Line/grid (kilometres) \_\_\_\_\_

Topographic/Photogrammetric (scale, area) \_\_\_\_\_

Legal surveys (scale, area) \_\_\_\_\_

Road, local access (kilometres)/trail 8 km

Trench (metres) \_\_\_\_\_

Underground dev. (metres) \_\_\_\_\_

Other \_\_\_\_\_

TOTAL COST \$12,890.56

REPORT ON STELLER2 CLAIM BLOCK

PROSPECTING, SOIL AND ROCK SAMPLING

KAMLOOPS MINING DIVISION

NTS MAP 082 M031

UTM 506000 E by 5566000 N

OWNERS/ AUTHORS

T. MCDONALD / A. MCKAY

SEPTEMBER 2011

TENURE # 862469

BC Geological Survey  
Assessment Report  
32147

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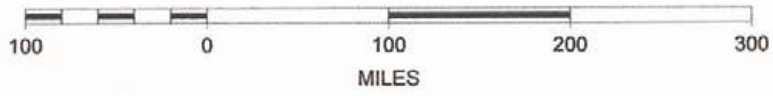
## INTRODUCTION

This report has been prepared for the purpose of filing assessment work credit and fulfilling the requirements of the mineral act on the STELLER2 claim block.

Field work on the STELLER2 claim block was carried out by Tom McDonald and Alfred McKay between June and July 2011. A total of 54 soil samples, 4 rock samples and 3 silt samples were collected and were analyzed by Echo-Teck laboratory in Kamloops B.C.. there was also brush clearing and removal of windfalls along the access roads to access the known areas of mineralization and general mapping and prospecting of new logging roads on the property.



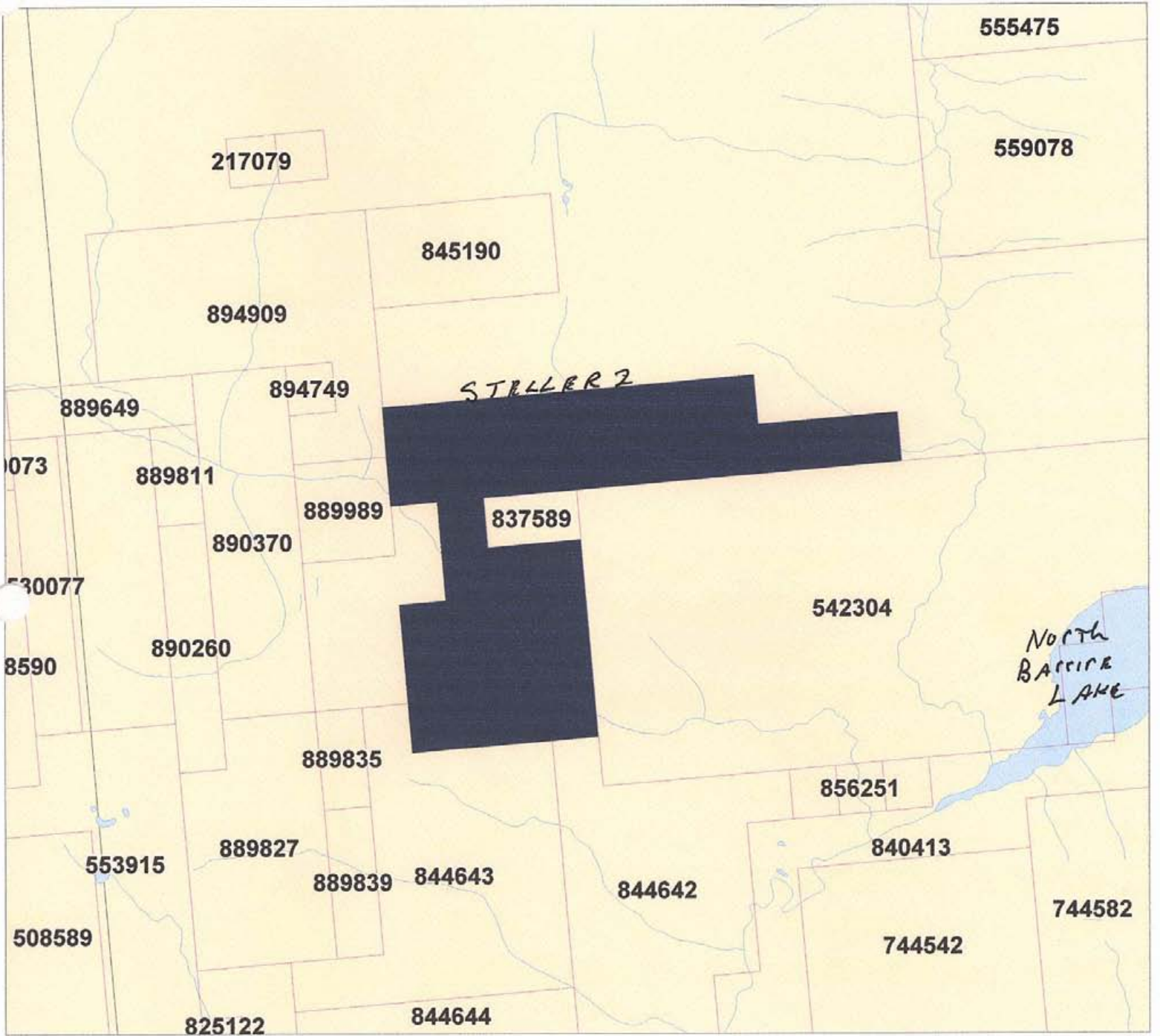
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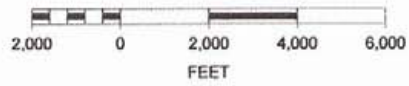


SCALE 1 : 209,883





SCALE 1 : 52,471





## GENERAL SETTING

The STELLER2 claim block is located 85 kilometers north-east of Kamloops B.C. From Kamloops you drive the # 5 highway north to Barriere and turn east, drive 16 kilometers on the paved barriere lakes road and turn north on the North barriere lakes road, drive 9 kilometers on the all weather road then turn north on a logging haul road and drive 8 kilometers to the claims.

The claim is accessible by logging roads on the claim block and there has been active logging this year. The slope on the claim block is moderate but the west side drops off sharply to birk creek. The elation is approximately 1400 meters average. The property receives 2 to 3 meters of snowfall in the winter months and is usually snow free late may until early November. The property is heavily wooded with mature Cedar, Spruce, Fir, Birch and Alder and several of the areas have been recently logged. The logging roads have cut through several veins of quarts with galena in the quarts. The STELLER2 claim block is 500 hectares in size.

## EXPLORATION HISTORY

Exploration activity in the area began about 1920 with the excavation of adits and trenches along Birk Creek and later between 1938 and 1940, 234 tons grading 2% copper, 57 gpt silver and 28 gpt gold were shipped from the Copper Cliff showing on lower Birk Creek.

The area remained dormant until the early 50's and was intermittently explored by about 15 company's up to the early 1990's. ( refer to references page ). Noranda, Falconbridge and Teck amongst others spent a lot of time and money defining targets between 1985 and 1992 and several targets were found but , due to politics and the price of metals at the time, they pulled out of the province before fully exploring the known targets.

We started staking the area before MTO as claims became available and we staked a large group of claims when MTO came online, these are our steller claims. We had over 1900 hectares claimed but dropped some due to access. We still have over 1400 hectares in our STELLER claim block The claims we dropped were logged this year and they cut quartz veins containing galena so we re staked what was not already staked and called it STELLER2.

We have done rock, silt and mostly soil sampling on the claims and we now have areas to concentrate on where we had high numbers in the soils.

**REGIONAL GEOLOGY**

Regional studies by Schiarizza and Preto (1987) form the basis for understanding the area's geology and their results are summarized below.

The Adams Lake area is underlain by a structurally complex belt of weakly metamorphosed Palaeozoic marine sedimentary and volcanic rocks known as the Eagle Bay Formation and the Fennel Formation (Figure 1). Shushwap Complex high grade metamorphic rocks flank the area to the east, with the Intermontane Belt sedimentary and volcanic rocks forming the western margin.

The Eagle Bay assemblage is a Cambrian to Late Mississippian volcano-sedimentary succession divided into eight units (Schiarizza and Preto, 1987). This stratigraphy, as presented in Table I, reflects not only the lithologies, but also the area's complex structural history

To the west, the Fennel Formation occurs in fault contact with Eagle Bay rocks. Two structural divisions make up the Fennel Formation which is essentially a mafic volcanic sequence with subordinate chert and rhyolite. The formation is Devonian to Early Pennsylvanian in age, coeval with the upper Eagle Bay.

Both formations are intruded by Cretaceous granite to granodiorite known as the Baldy Batholith and Raft Batholith. Contact metamorphic zones are locally well-developed. Completing the section are late Tertiary porphyry and lamprophyre dykes.

The Palaeozoic rocks were initially deformed by a late Triassic to Jurassic east directed thrust event which brought in the Fennel against Eagle Bay rocks. A subsequent late Jurassic to Cretaceous compressional event developed large southwest verging overturned folds and thrusting concurrent with greenschist to amphibolite metamorphism. The event's complexity resulted in the division of the rocks into four structural slices, each separated by southwest directed thrust faults. The upper three fault slices contain Eagle Bay

units, while the Fennel Formation with some Eagle Bay strata forms the fourth division which underlies the Birk Creek projects.

Later west trending folds and kinks, and rare reverse faults are associated with the Cretaceous plutonic event. Younger, possibly Eocene, north and northeast striking faults, and kink folds occur throughout the area.

## PROJECT RATIONAL

We own the STELLER claim block that is contiguous with the STELLER2 claim block. The reason we staked the STELLER2 claims is because the logging company working the area cut several quartz veins containing abundant galena.

Eco Tech Laboratory Limited  
 10041 Dallas Drive  
 Kamloops BC  
 V2C 6T4 Canada  
 Tel: + 1 250 573 5700  
 Fax: + 1 250 573 4557  
 Toll Free: + 1 877 573 5755  
 www.stewartgroupglobal.com

# Sales Invoice



**StewartGroup**  
 Geochemical & Assay

Tom McDonald  
 PO Box 242 Stn. Main

Kamloops  
 V2C 5K6  
 Canada

British Columbia

**Invoice Number** : 11104041  
**Invoice Date** : 12/08/2011  
**Our Reference** : 12390  
 AK2011-0925  
 Project: Steller 2

Line No.	Item Code	Description	Unit Price	Qty	Amount	Tax %
1	P2A	Soils and Stream Sediments dry and sieve at -80 mesh	2.89	56	161.84	12
2	AR/UTAU	ICPMS Aqua Regia Digestion - With AU 10g Added	26.25	56	1,470.00	12

Payment Terms : Net 30 Days

Interest at a rate of 2% per Month (24% per Annum)  
 will be charged on overdue accounts.

Total excl. Tax	:	1,631.84
Total Discount @ 15.00%	:	244.72
HST @ 12%	:	166.45
<b>Total to be paid</b>	:	<b>1,553.57 CAD</b>

**Thank You!**

Eco Tech Laboratory Limited  
 10041 Dallas Drive  
 Kamloops BC  
 V2C 6T4 Canada  
 Tel: + 1 250 573 5700  
 Fax: + 1 250 573 4557  
 Toll Free: + 1 877 573 5755  
 www.stewartgroupglobal.com

# Sales Invoice



**StewartGroup**  
 Geochemical & Assay

Tom McDonald  
 PO Box 242 Str. Main

Kamloops  
 V2C 5K6  
 Canada  
 British Columbia

**Invoice Number** : 11104033  
**Invoice Date** : 12/08/2011  
**Our Reference** : 12389  
 AK2011-0924  
 Project: Steller 2

Line No.	Item Code	Description	Unit Price	Qty	Amount	Tax %
1	P5-10	Up to 10lbs - Dry, Jaw Crush total to -10 mesh, pulverize	9.98	4	39.92	12
2	AU 3-30	30g FA AA Finish	15.23	4	60.92	12
3	AR/ES	ICPAES Aqua Regia Digestion	8.40	4	33.60	12
4	BM2/A	Base Metal Assay by AA - Pb	9.45	1	9.45	12

Payment Terms : Net 30 Days

Interest at a rate of 2% per Month (24% per Annum)  
 will be charged on overdue accounts.

Total excl. Tax	:	143.89
Total Discount @ 15.00%	:	21.58
HST @ 12%	:	14.68
<b>Total to be paid</b>	:	<b>136.99 CAD</b>

**Thank You!**





Et #	Tag #	Job	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	C	g	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	S	Sb	Se	Sn	Sr	Ta	
			ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
36	8R267078	5	0.1	1.88	5.4	114.5	0.8	0.26	0.10	0.17	85.3	8.8	19.0	16.0	2.37	5.5	1.8	30	0.14	16.0	22.9	0.57	418	0.83	0.035	4.92	10.0	245	71.1	22.8	0.02	0.32	4.7	0.5	1.4	10.0	<0.05
37	8R267079	5	0.4	3.01	7.1	127.5	0.9	0.16	0.13	0.63	20.0	11.6	18.0	21.2	2.84	8.3	2.1	30	0.10	9.5	19.5	0.63	411	0.82	0.041	4.68	10.4	353	27.7	16.8	0.02	0.28	6.6	0.3	0.9	21.0	<0.05
38	8R267080	3	0.1	3.02	9.4	154.0	1.0	0.20	0.28	0.23	12.4	13.0	18.5	22.9	4.17	11.9	3.0	45	0.11	5.5	29.7	0.77	327	0.94	0.039	4.72	12.1	394	16.6	15.8	0.04	0.48	6.3	0.2	1.2	43.0	<0.05
39	8R267081	3	0.2	3.59	2.5	72.0	0.4	0.18	0.47	0.26	34.9	10.3	13.0	17.6	2.48	7.8	2.2	55	0.07	12.0	16.9	0.42	456	0.43	0.049	2.94	10.1	530	16.4	11.2	0.04	0.26	5.1	0.6	0.7	22.5	<0.05
40	8R267082	2	0.1	0.63	3.2	40.0	0.3	0.12	0.13	0.67	8.5	4.2	6.5	6.5	1.37	2.8	1.2	<5	0.08	5.5	8.3	0.22	402	0.44	0.033	0.92	3.9	151	136.0	11.8	0.02	0.28	1.8	0.2	0.4	8.0	<0.05
41	8R267083	3	0.3	0.82	6.0	46.5	0.1	0.22	0.19	0.95	12.9	8.4	10.5	10.4	2.26	2.7	1.6	5	0.09	8.0	7.8	0.32	538	0.67	0.031	0.80	6.0	213	259.6	11.7	0.08	0.46	2.9	0.4	0.4	9.5	<0.05
42	8R267086	3	0.3	1.48	2.4	82.5	1.1	0.26	0.18	0.67	73.1	9.7	21.0	127.5	2.16	7.3	1.9	30	0.15	29.0	29.5	0.33	506	1.60	0.034	10.12	15.3	245	18.7	36.7	0.04	0.14	3.5	0.6	2.2	14.5	<0.05
43	8R267087	4	<0.1	2.06	4.0	57.5	0.5	0.20	0.19	0.16	44.0	6.9	28.0	28.4	2.85	7.5	2.4	25	0.16	25.5	47.1	0.53	370	4.27	0.037	14.22	13.2	209	21.1	34.2	0.04	0.14	5.3	0.6	2.4	16.5	<0.05
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45	8R267089	2	<0.1	0.94	1.4	50.5	0.4	0.20	0.08	0.29	44.4	3.5	12.0	15.0	1.28	4.5	1.3	25	0.03	23.0	10.1	0.07	70	1.24	0.034	5.78	6.1	125	12.1	8.5	0.02	0.16	1.6	0.3	2.0	8.5	<0.05
46	8R267090	5	0.2	3.33	4.4	203.0	1.8	0.36	0.44	0.44	301.6	11.9	34.0	37.2	3.42	13.7	3.3	30	0.33	59.0	79.8	0.60	1274	5.65	0.067	11.28	17.3	472	27.5	77.4	0.06	0.18	7.2	0.9	3.6	40.5	<0.05
47	8R267091	5	<0.1	1.90	7.0	91.5	0.8	0.34	0.11	0.11	38.9	8.5	27.5	23.2	2.75	6.2	2.0	15	0.11	19.5	32.8	0.66	283	1.90	0.035	5.12	16.4	224	42.0	27.6	0.02	0.54	5.4	0.7	1.3	12.5	<0.05
48	8R267092	6	0.1	1.55	3.7	72.5	1.8	0.30	0.11	0.15	40.3	4.9	20.5	18.0	2.78	8.8	2.6	30	0.10	21.0	31.5	0.39	250	2.71	0.064	6.78	9.4	311	17.2	17.8	0.04	0.26	3.2	0.3	1.9	10.0	<0.05
49	8R267093	4	<0.1	1.73	3.4	63.0	0.7	0.16	0.06	0.12	26.6	2.6	13.5	11.5	2.24	5.9	1.8	40	0.11	14.0	17.0	0.30	141	1.33	0.030	9.66	4.2	803	12.4	11.2	0.02	0.12	2.7	0.4	1.2	5.0	0.05
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51	8R267095	6	0.1	1.88	23.2	130.5	0.4	0.74	0.19	0.37	38.4	12.3	25.5	89.8	3.34	7.0	2.6	15	0.32	22.0	18.2	1.04	330	1.20	0.036	0.80	16.5	492	101.9	31.8	0.02	0.68	7.5	0.7	1.1	13.5	<0.05
52	8R267096	7	0.1	2.36	28.5	167.5	1.0	0.88	0.19	0.34	34.3	11.8	31.0	142.9	3.81	8.1	3.0	20	0.40	18.5	20.2	1.29	558	1.84	0.035	0.56	21.0	577	139.9	36.0	0.02	0.76	7.6	0.7	1.4	15.0	<0.05
53	8R267097	10	0.1	1.85	25.1	169.0	1.1	0.34	0.29	0.42	124.8	11.0	16.5	29.3	3.37	7.8	3.0	10	0.48	55.0	40.3	0.85	792	0.80	0.070	1.34	9.5	698	118.6	66.3	0.04	0.72	8.9	0.6	2.4	17.0	<0.05
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55	8R267099	8	0.8	3.32	9.9	161.0	0.4	0.24	0.05	0.31	28.1	14.7	20.5	31.5	2.70	9.7	2.2	70	0.05	11.0	17.8	0.19	314	0.74	0.035	2.18	49.2	978	19.8	7.0	0.02	0.26	4.4	0.6	1.0	5.0	<0.05
56	8R267100	12	<0.1	1.33	21.1	87.0	0.6	0.26	0.02	0.13	47.9	23.1	34.0	51.8	4.14	3.5	3.4	15	0.07	22.5	14.4	0.53	494	0.60	0.032	0.22	86.0	482	22.6	5.0	<0.02	0.60	4.0	0.9	0.1	4.5	<0.05

DATA:

Repeat:

1	8R203529	16	0.4	1.93	11.5	130.5	1.1	0.28	0.05	0.61	31.6	15.9	29.5	56.6	3.77	8.0	2.7	65	0.07	15.0	12.2	0.23	593	1.10	0.038	1.46	50.9	793	40.6	9.8	0.02	0.52	3.2	0.6	0.7	6.0	<0.05
11	8R267053	5	0.8	2.26	15.7	113.0	0.7	0.44	0.12	2.29	22.4	14.0	22.0	24.8	3.79	9.3	2.7	50	0.09	10.5	18.3	0.81	391	0.90	0.037	3.36	10.1	310	183.0	15.7	0.04	0.80	6.4	0.7	1.0	11.5	<0.05
19	8R267061	2	0.4	2.47	8.7	146.0	0.3	0.20	0.26	0.38	16.0	12.2	18.5	16.5	3.12	9.9	2.5	45	0.09	7.5	20.8	0.67	343	0.99	0.037	3.38	11.0	354	39.8	17.1	0.04	0.34	5.9	0.3	0.9	15.5	<0.05
36	8R267078	2	0.1	1.82	5.2	114.5	0.9	0.26	0.10	0.18	84.9	8.5	18.0	15.1	2.36	5.5	1.6	25	0.13	15.5	28.8	0.56	389	0.79	0.035	4.78	9.9	232	69.0	22.1	0.04	0.32	4.8	0.5	1.3	9.5	<0.05
45	8R267089	3	<0.1	0.94	1.4	52.0	1.2	0.22	0.07	0.29	44.7	3.5	12.0	14.9	1.27	4.5	1.2	25	0.03	23.5	8.7	0.07	69	1.24	0.034	5.36	6.2	124	15.0	8.6	<0.02	0.18	1.6	0.2	1.5	8.5	<0.05

and:

r129a			11.5	0.87	5.4	62.5	<0.1	0.42	0.46	59.37	10.3	5.6	12.0	1444.0	1.58	2.6	1.3	75	0.11	4.5	1.8	0.73	393	1.93	0.050	0.14	5.9	451	6292.0	3.8	0.80	17.18	0.7	0.2	1.2	29.0	<0.05	
r129a			11.5	0.90	5.3	62.5	0.2	0.42	0.48	58.92	10.1	5.5	12.0	1398.0	1.58	2.6	1.4	70	0.12	4.5	2.6	0.70	379	1.93	0.053	0.18	5.6	459	6234.0	3.6	0.82	16.86	0.8	0.2	1.2	29.5	<0.05	
e86		611																																				
e86		616																																				

qua Regia Diges/ICPMS Finish

A/mt/el  
msr\_s25S  
S/11

STELLER2 2011

PAGE 2

SOILS

ECO TECH LABORATORY LTD.  
Norman Monteith  
B.C. Certified Assayer

12

Phone: 250-573-5700  
 Fax: 250-573-4557

No. of samples received: 4  
 Sample Type: Rock  
**Project: Steller 2**  
 Submitted by: Tom McDonald

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Z
1	8R202194	1.2	0.34	130	16	<1	25	0.01	<1	7	110	40	>10	<5	0.05	8	<2	0.01	205	3	0.07	5	190	159	0.30	10	1	<10	<5	4	<0.01	<5	4	<5	4	63
2	8R202195	35.4	0.02	10	2	<1	20	0.03	3	9	218	4	3.69	<5	<0.01	<2	<2	<0.01	115	<1	0.02	6	180	>10000	3.14	25	<1	20	<5	4	<0.01	<5	<2	<5	<1	30
3	8R202196	0.4	1.65	5	200	<1	5	0.11	<1	15	76	58	2.95	<5	0.47	8	10	0.31	670	2	0.05	9	240	147	0.38	<5	4	<10	<5	12	0.04	<5	32	<5	6	34
4	8R267085	3.2	1.84	<5	<2	<1	40	0.56	<1	134	176	4018	>10	<5	<0.01	6	18	0.41	125	3	0.10	221	1840	24	>10	<5	<1	50	<5	24	0.07	<5	70	<5	7	5

**C DATA:**

**Repeat:**

1	8R202194	1.2	0.33	125	16	<1	20	0.01	<1	7	106	40	>10	<5	0.05	8	<2	0.01	200	3	0.07	5	180	156	0.30	10	1	<10	<5	4	<0.01	<5	4	<5	4	62
---	----------	-----	------	-----	----	----	----	------	----	---	-----	----	-----	----	------	---	----	------	-----	---	------	---	-----	-----	------	----	---	-----	----	---	-------	----	---	----	---	----

**Resplit:**

1	8R202194	1.2	0.33	130	16	<1	20	0.01	<1	7	122	38	>10	<5	0.05	8	<2	0.01	200	3	0.07	5	180	162	0.34	10	1	<10	<5	4	<0.01	<5	4	<5	4	62
---	----------	-----	------	-----	----	----	----	------	----	---	-----	----	-----	----	------	---	----	------	-----	---	------	---	-----	-----	------	----	---	-----	----	---	-------	----	---	----	---	----

**Standard:**

1129a		11.4	0.80	5	64	<1	<5	0.44	57	6	10	1472	1.59	<5	0.11	4	<2	0.66	340	3	0.04	5	420	6081	0.82	15	<1	<10	<5	30	0.05	<5	16	<5	2	998
-------	--	------	------	---	----	----	----	------	----	---	----	------	------	----	------	---	----	------	-----	---	------	---	-----	------	------	----	----	-----	----	----	------	----	----	----	---	-----

Prep: Aqua Regia Digest / ICP- AES Finish.

W/mb/el  
 1\_907RSS  
 \_S/11

**ECO TECH LABORATORY LTD.**  
 Norman Monteith  
 B.C. Certified Assayer

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**CERTIFICATE OF ASSAY AK 2011-0924**

**Tom McDonald**  
Box242 Stn Main  
**Kamloops**  
V2C 5K6

11-Aug-11

*No. of samples received: 4*  
*Sample Type: Rock*  
*Project: Steller 2*  
*Submitted by: Tom McDonald*

<b>ET #</b>	<b>Tag #</b>	<b>As (g/t)</b>	<b>As (oz/t)</b>	<b>Ph (%)</b>
1	8R202194	0.03	0.001	
2	8R202195	<0.03	<0.001	1.96
3	8R202196	<0.03	<0.001	
4	8R267085	0.04	0.001	

**QC DATA:**

**Repeat:**

1	8R202194	0.03	0.001	
2	8R202195	0.03	0.001	1.98

**Resplit:**

1	8R202194	0.03	0.001	
---	----------	------	-------	--

**Standard:**

OXi81	1.82	0.053	
GBM908-14			3.30

**FA/AA Finish**

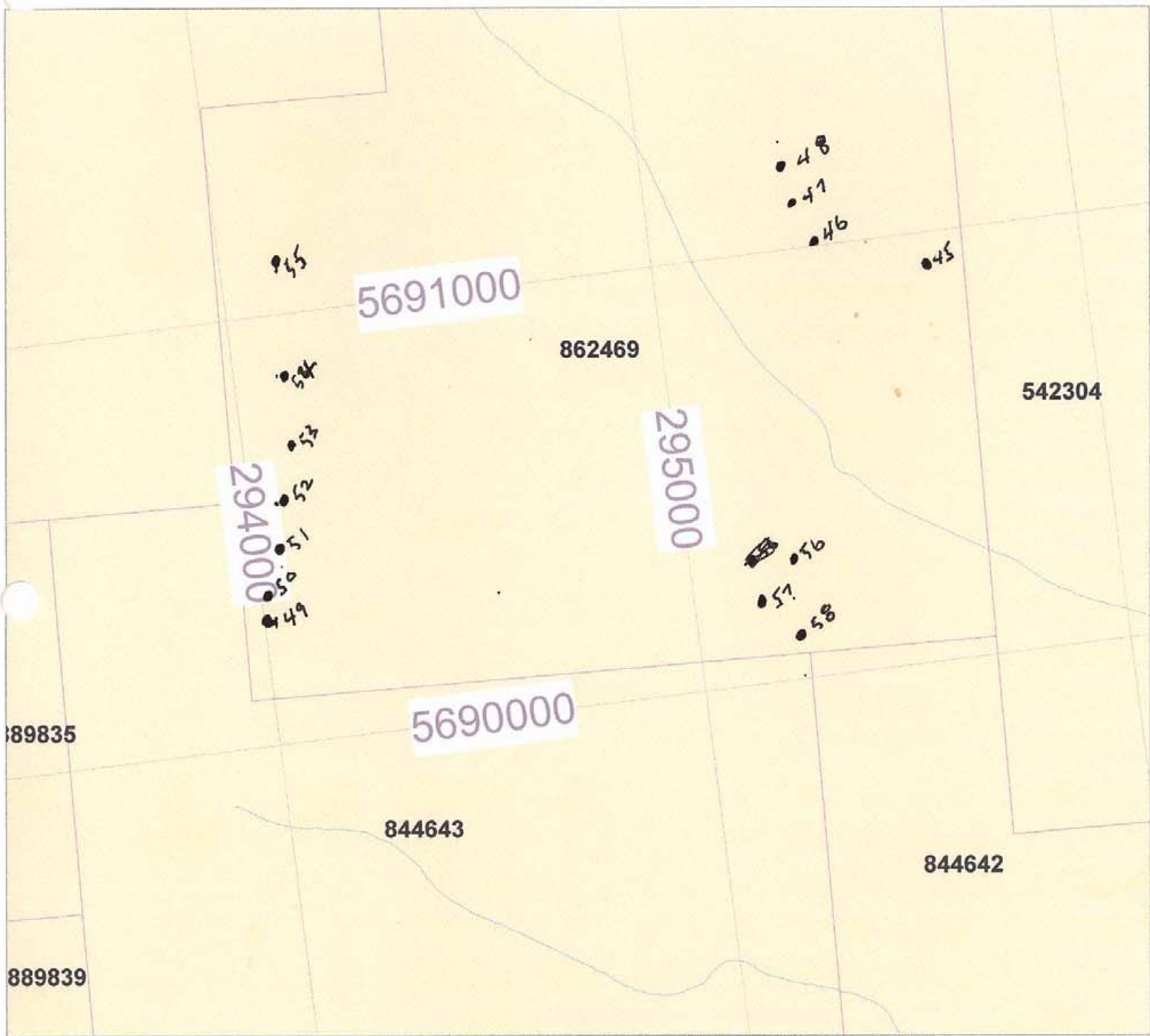
NM/mh/el  
XLS/11

STELLER2  
SAMPLE LOCATIONS

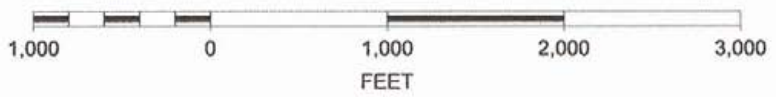
- 1-295800E - 5691900N
- 2-295700E - 5691900N.
- 3-295600E - 5691900N.
- 4-295500E - 5691900N.
- 5-295400E - 5691900N.
- 6-295300E - 5691900N.
- 7-295200E - 5691900N.
- 8-295100E - 5692400N.
- 9-295150E - 5692400N.
- 10-295200E - 5692400N
- 11-295250E - 5692400N
- 12-295300E - 5692400N
- 13-295350E - 5692400N.
- 14-295400E - 5692400N
- 15-295450E - 5692400N.
- 16-295450E - 5692400N
- 17-295550E - 5692400N
- 18-295600E - 5692400N.
- 19-295650E - 5692400N
- 20-295700E - 5692400N
- 21-295650E - 5692500N
- 22-295600E - 5692500N
- 23-295550E - 5692500N
- 24-295500E - 5692500N
- 25-295450E - 5692500N.
- 26-295400E - 5692500N
- 27-295350E - 5692500N
- 28-295300E - 5692500N
- 29-295250E - 5692500N
- 30-295200E - 5692500N
- 31-295150E - 5692500N
- 32-295620E - 5692490N Silt
- 33-295620E - 5692490N Silt
- 34-295620E - 5692490N Silt
- 35-296337E - 5693240N Rock
- 36-296350E - 5693100N
- 37-296300E - 5693100N.
- 38-296250E - 5693100N
- 39-296200E - 5693100N
- 40-296150E - 5693100N.

SAMPLE LOCATIONS PAGE TWO

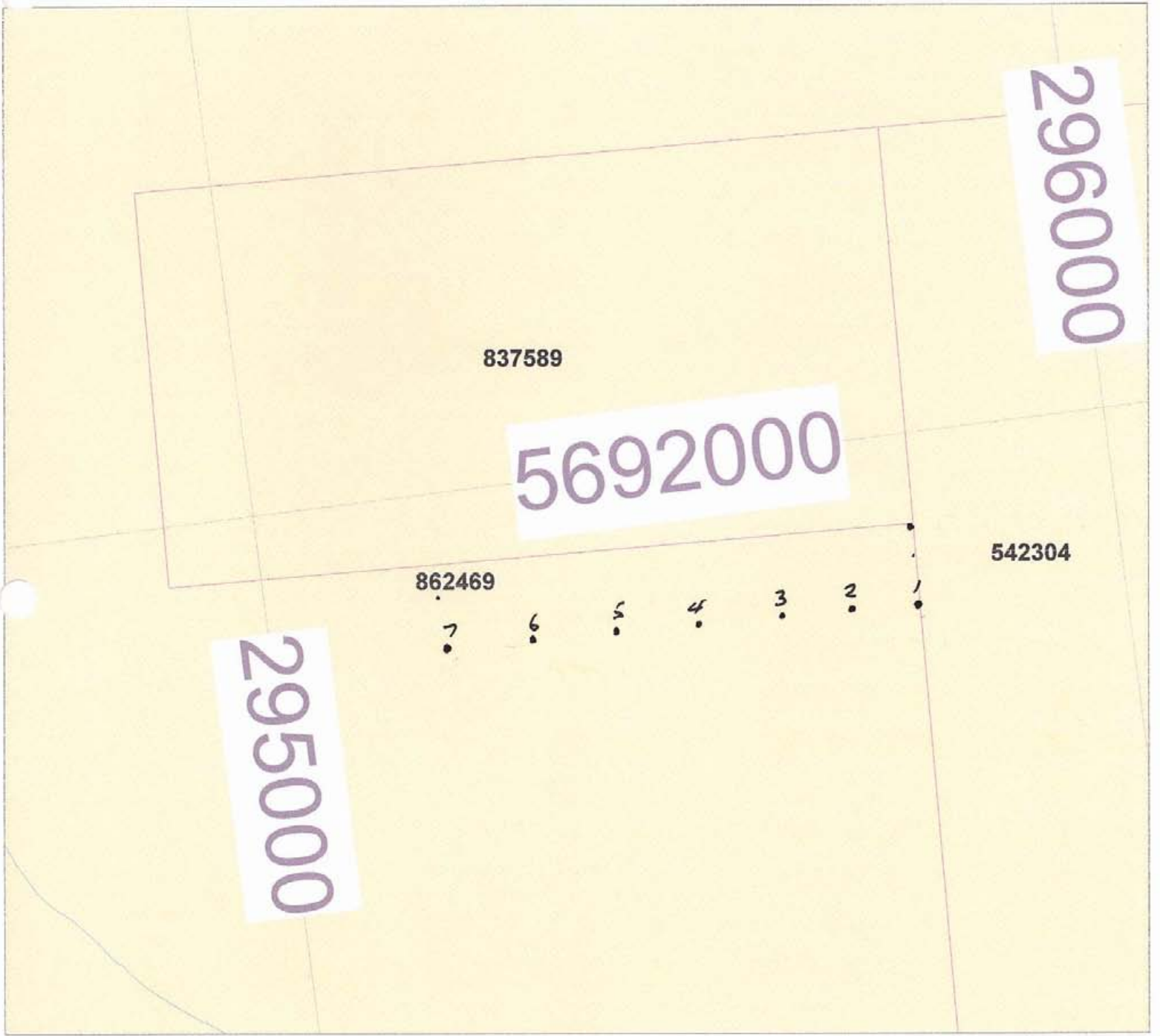
- 41-296100E – 5693100N
- 42-295050E – 5693100N
- 43-296000E – 5693100N
- 44-295650E – 5690910N
- 45-295620E – 5690970N
- 46-295575E – 5691040N
- 47-295527E – 5691111N
- 48-295470E – 5691190N
- 49-294000E – 5690420N
- 50-294040E – 5690470N
- 51-294075E – 5690570N
- 52-294135E – 5690670N
- 53-294150E – 5690770N
- 54-294150E – 5690870N
- 55-294069E – 5690970N
- 56-295270E – 5690150N
- 57-295162E – 5609195N
- 58-295315E – 5690100N
- 59-295400E – 5692400N Rock
- 60-295400E – 5692400N Rock
- 61-295400E – 5692400N Rock



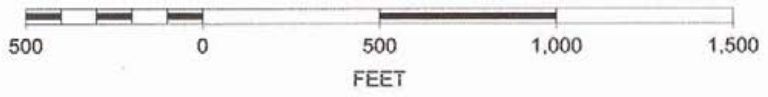
SCALE 1 : 13,118 *STELLERZ 2011*



*SOIL SAMPLES PAGE 2*



SCALE 1 : 6,559 STELLER 2 2011



SOIL SAMPLE LOCATIONS

5693000

862469

2960000

2950000

43 42 41 40 39 38 37 36

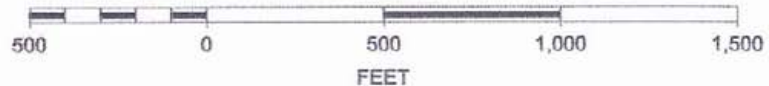
31 30 29 28 27 26 25 24 23 22 21

8 9 10 11 12 13 14 15 16 17 18 19 20

837589

542304

SCALE 1 : 6,559



STELLER2 2011


SOIL SAMPLE LOCATIONS.



5693000

862469

296000

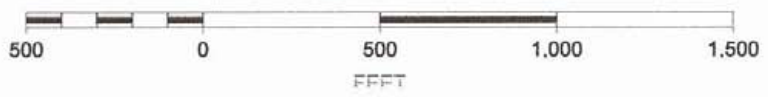
32  
33  
34  SILT

837589

542304

5692000

SCALE 1 : 6,559 STELLER2 2011



SILT SAMPLES

21

56 93 250

5693000

5760  
00061  
END OF ROAD

58

295000

837589

9989

862469

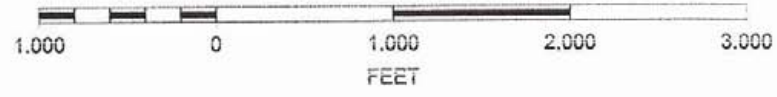
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296000

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294000

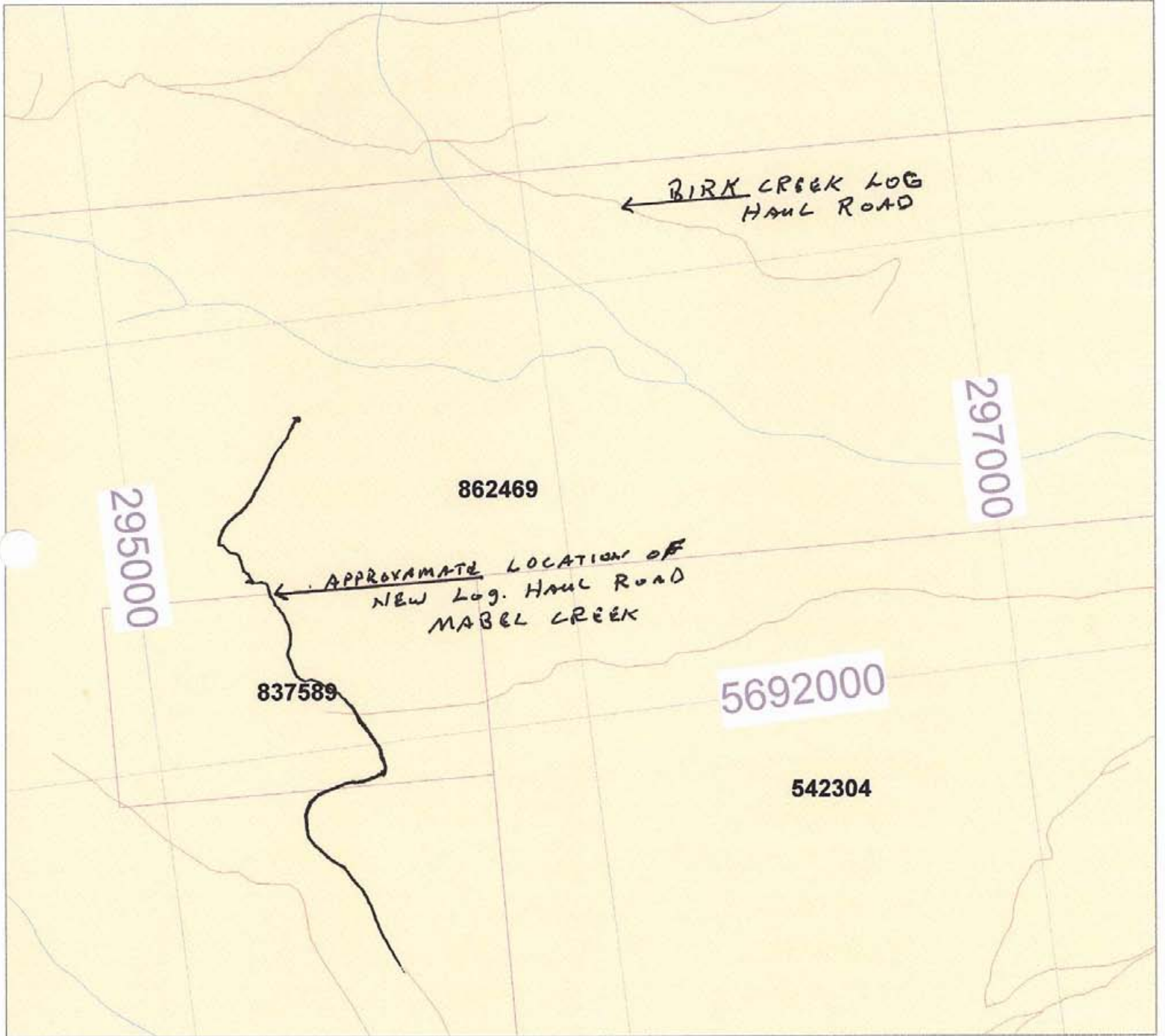
SCALE 1 : 13,118 STELLER 2 2011



Rock Sample Locations

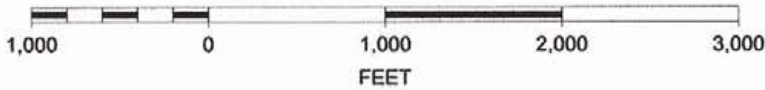
# Map 1

22



SCALE 1 : 13,118

STELLER 2 2011



ROADS

REFERENCES

ASSESSMENT REPORTS

- 1-69,70-Kennco Exploration-1951
- 2-3333-Duncanex Resources-1971
- 3-3716-Craigmont Mines-1972
- 4-5794-W.Shilling-1976
- 5-6177-Canadian Superior Exploration
- 6-6202-Cominco-1977
- 7-6879-Cominco-1984
- 8-8489-Stokes Exploration-1980
- 9-10582-Semco Ltd-1982
- 10-12442-Westech Resources-1983
- 11-11033-Preussage Canada Ltd-1984
- 12-11125-Preussage Canada Ltd
- 13-12567-Westech Resources-1984
- 14-14388-Noranda Exploration Co-1985
- 15-14707-Morgain Minerals-1985
- 16-14770-Noranda Exploration Co-1986
- 17-15808-Westech Resources-1986/87
- 18-17344-Noranda Exploration Co-1988
- 19-19363(a-b)-Falconbridge-1989
- 20-21208(a-e)Falconbridge-1990
- 21-23240-Tech Corp.-1983
- 22-27951-T. McDonald/A. McKay-2005
- 23-28683-T. McDonald / A.McKay-2006
- 24-29521-T.McDonald / A.McKay-2007
- 25-29404- Harper Creek (Yellowhead mining)
- 26-30289-T. McDonald/A. McKay-2008
- 27-31021-T. McDonald/A McKay-2009

BIBLIOGRAPHY

- 1-EMPR-Geology of the Clearwater area-Vavenby-Adams Plateau Area.-P Shiarizza, V.Preto, Paper 1967.
- 2-EMPR-Fieldwork 1978(p.31-37),1979 (p.28-36),1982 (p.67-76).
- 3-EMPR-Exploration in B.C. 1971 (p.440),1976 (E62),1982 (p.113,114),1986 (C115,C120)
- 4-Preto,B.A.(1981):Barriere Lakes-Adams Plateau Area;Geological Fieldwork-1980:Geological Branch,B.C. Ministry of Energy,Mines and Petroleum Resources,paper 1980-81.

## CONCLUSIONS AND RECOMENDATIONS

The STELLER2 claim block is contiguous with our STELLER claims which we have very good results soil sampling. The reason we staked the STELLER2 claim block is because the logging company working in the area cut a new road and when doing so they cut through several quarts veins containing healthy amounts of galena. We did soil sampling this year and more work will have to be done to determine if this is an economic deposit.

**GOLD AQUA REGIA DIGEST: ICP-MS FINISH (Au1-10,25)**

Samples are digested in an aqua regia solution for 45 minutes. They are bulked with de-ionized water, and an aliquot of this is taken for analysis a Thermo Scientific X series II ICP-MS unit. All synthetic standards are purchased and verified by 3 independent analysts and are used for instrument calibration before each and every ICP-MS run.

A 2-3 point standardization curve is used to check the linearity (high and low). Certified reference material is used to check the performance of the machine and to ensure that proper digestion occurred in the wet lab. QC samples are run along with the client samples to ensure no machine drift or instrumentation issues occurred during the analysis of the sample(s). Repeat samples (every 10 or less) and re-splits (every 35 or less) are also run to ensure proper weighing and digestion occurred. Detection limits for aqua regia digest gold values is 1-1000ppb.

***Results are collated by computer and are printed along with accompanying quality control data (re-splits and standards). Results are emailed, faxed, or mailed to the clients.***

\*\*\*\* This method is recommended for soil and silt samples only.

### Analytical Procedure Assessment Report

#### **MULTI ELEMENT ICP ANALYSIS**

A 0.5 gram sample is digested with 3ml of a 3:1:2 (HCL:HNO3:H2O) which contains lanthanum which acts as an internal standard for 90 minutes in a water bath at 95°C. The sample is then diluted to 10ml with water. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (constants and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

	Detection Limit			Detection Limit	
	Low	Upper		Low	Upper
Ag	0.2ppm	10.0ppm	Pb	0.01%	10.00%
Al	0.01%	10.0%	La	10ppm	10,000ppm
As	5ppm	10,000ppm	Mg	0.01%	10.00%
Ba	5ppm	10,000ppm	Mn	1ppm	10,000ppm
Bi	5ppm	10,000ppm	Mo	1ppm	10,000ppm
Ca	0.01%	10.00%	Na	0.01%	10.00%
Cd	1ppm	10,000ppm	Ni	1ppm	10,000ppm
Co	1ppm	10,000ppm	P	10ppm	10,000ppm
Cr	1ppm	10,000ppm	Pb	2ppm	10,000ppm
Cu	1ppm	10,000ppm	Sh	5ppm	10,000ppm
Sn	20ppm	10,000ppm			
Sr	1ppm	10,000ppm			
Ti	0.01%	10.00%			
U	10ppm	10,000ppm			
V	1ppm	10,000ppm			
Y	1ppm	10,000ppm			
Zn	1ppm	10,000ppm			

## Copper Assay

### Method Outline

Samples and standards under go an aqua regia digestion in 200 ml phosphoric acid flasks. The digested solutions are made to volume with RO water and allowed to settle. The metals of interest are determined by Atomic absorption procedures. Instrument calibration is done by verified synthetic standards, which have undergone the same digestion procedure as the samples.

### Digestion

1. Weigh 0.5g sample into 200 ml phosphoric acid flask.
2. Add 20 ml conc.  $\text{HNO}_3$  to flasks using a calibrated dispenser.
3. Remove flasks from hot plate and when cool, add 60 ml conc.  $\text{HCl}$  from a calibrated dispenser. Put flasks on hot plate and digest for 60 minutes
4. Remove flasks from hot plate, allow to cool to room temperature and bulk to 200 ml mark with RO water.
5. Allow assay to settle or clarify by centrifuging an aliquot for analysis.

### Analysis

- 1 Run the analysis by Atomic Absorption using the instrument parameters in the following table.
- 2 Set up calibration with verified synthetic standards.
- 3 Verify instrument calibration after every 10 samples.
- 4 Perform analysis in the linear range of the absorbance curve. It may be necessary to dilute some samples or rotate the burner to do this.
- 5 Standards used narrowly bracket the absorbance value of the sample for maximum precision.



Quality Control

- 1 Standard quality control procedures are used for these determinations. (ie repeat every 9 samples)
- 2 Run one Can Met CRM/WCM CRM for each batch of 35 or less samples (one CRM per work sheet)

CRM	Cu%
CZn-1	0.144±0.003
CZn-3	0.606±0.008
KC-1a	0.629±0.016
Su-1A	0.967±0.005
CCU-1a	26.78±0.07
CCU-1b	24.67±0.03
Cu106	1.43
Cu107	0.28
PB100	0.62

- 4) The following Can Met CRMS/WCM CRM are available in this laboratory.

Reporting

Minimum reportable concentration is as follows:

Cu 0.01%



### **Gold, Platinum, Palladium Geochemistry**

Samples are sorted and dried (if necessary). The samples are crushed through a jaw crusher and cone or rolls crusher to -10 mesh. The sample is split through a Jones riffle until a -250 gram sub sample is achieved. The sub sample is pulverized in a ring & puck pulverizer to 95% - 140 mesh. The sample is rolled to homogenize.

A 15 g sample size is fire assayed using appropriate fluxes. The resultant dore bead is parted and then digested with aqua regia and then analyzed on a Perkin Elmer AA instrument for Gold and Palladium. Platinum is analyzed by ICP.

Appropriate standards and repeat sample (Quality Control Components) accompany the samples on the data sheet.

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30

PROSPECTORS QUALIFICATIONS

In May 2003 I attended BCIT's prospecting course 1005, prospecting exploration field school in Oliver B.C.

In March 2004 I attended BCIT's course 1010, exploration and mining for investment advisers and investors in Vancouver B.C.

I have also attended several courses at Roundup in Vancouver and at the Kamloops exploration group conferences and have been actively prospecting since the spring of 2004 after retiring from the CPR.

Tom McDonald.

I have been active in placer mining and mineral claims for the past 35 years and have attended several courses that the Kamloops exploration group puts on and also attend the annual conference and trade show( KEG ) held in April in Kamloops every year.

Alfred McKay.

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STELLER2 ADDITIONAL INFORMATION  
2011

1- We are using 2 Magellan Explorist 500 LE GPS's and due to the thick mature forest it takes a lot of time getting accurate readings as sometimes the accuracy is shown on the GPS's is up to 60 meters off so we always take our readings after both the GPS's have an accuracy of less than 10 meters.

2- All soils are taken at a depth of 14 to 18 meters in B horizon soils. The holes are dug down to the B horizon soil and then an auger is used to get down another 6 to 8 inches in the B soil.

3- The rocks were all taken from bedrock, rock sample # 58 was dark black and rusty with visual pyrite and a high copper reading, 59 was a rusty quartz with visual galena, 60 was a black shist with visible pyrite and 61 was also a quartz rock with galena.

~~31~~  
32

STELLER2

OTHER EXPENSES 2011

Assay costs-----	#1690.56
Prepare Report-----	#800.00
Field Supplies-----	#400.00
Total-----	#2890.56



STATEMENT OF COSTS

STELLER2 2011

Tenure # 862469

Start date June 20<sup>th</sup> 2011  
Finish date Sept 15<sup>th</sup> 2011

A. R. McKay – FMC # 117683

Wages:

Soil, Silt and Rock Sampling.

10 days @ \$ 250.00 per day-----\$2500.00

Transportation

2006 Truck and camper

10 days @ \$100.00 per day-----\$ 1000.00

Food and Accomadation.

10 days @ \$100.00 per day-----\$ 1000.00

Equipment

Power saw:

10 days @ \$ 10.00 per day-----\$ 100.00

Total-----\$ 4600.00

STATEMENT OF COSTS

STELLER2 2011

T.W. McDonald.-- FMC -- 145467

Start date July 10 2011

Finish date Sept. 15 2011

Wages:

12 days @ \$ 250.00 per day-----\$ 3000.00

Transportation:

2004 Suzuki and 1997 Motorhome

12 days @ \$ 100.00 per day-----\$ 1200.00

Food and Accomadations:

12 days @ \$ 100.00 per day-----\$ 1200.00

Total-----\$ 5400.00