

**Schroeter, Tom EM:EX**

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**From:** Schroeter, Tom EM:EX  
**Sent:** Monday, November 04, 2002 2:10 PM  
**To:** 'Janet Gabites'  
**Cc:** Aldrick, Dani EM:EX; Logan, Jim EM:EX  
**Subject:** RE: galena form

Janet - thanks very much for the quick turnaround! Dani and Jim - please treat as CONFIDENTIAL (for the time being).

Tom

Tom Schroeter, P.Eng./P.Geo.  
Senior Regional Geologist  
Resource Development Division  
Ministry of Energy and Mines

Direct Telephone 604 660-2812  
Messages & Enquiries 604 660-2708  
Facsimile 604 775-0313  
email tom.schroeter@gems6.gov.bc.ca  
Autotel 604 662-9091

-----Original Message-----

**From:** Janet Gabites [mailto:jgabites@eos.ubc.ca]  
**Sent:** Monday, November 04, 2002 7:13 AM  
**To:** Schroeter, Tom EM:EX  
**Subject:** RE: galena form

Hi Tom,

I have attached the files with the result of your Foremore sample.

Janet Gabites

At 02:25 PM 9/27/02 -0700, you wrote:

>Thanks, Janet

>

>Hopefully everything is okay. Any idea when you might have a  
>result/interpretation. I am mostly interested in whether the age is  
>Devonian or younger.

TGS → FOREMORE

**Schroeter, Tom EM:EX**

**From:** Schroeter, Tom EM:EX  
**Sent:** Friday, November 08, 2002 8:42 AM  
**To:** 'Scott Broughton'  
**Subject:** RE: Foremore Compilation map

Scott - thanks for the figures. As I've mentioned to John, I've got assays from seven (7) samples I took from the SG zone, plus a lead isotope analysis from a sample I submitted to UBC, again from the SG Zone. This information, at this time, is considered "Confidential" (may have to formally publish); however, I can and will pass along to you folks, as soon as I get some time to deal with it (maybe another 2 weeks?).

**Tom**

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-----Original Message-----

**From:** Scott Broughton [mailto:scott@deltango-gold.com]  
**Sent:** Friday, October 25, 2002 6:49 PM  
**To:** Wojdak, Paul EM:EX; Schroeter, Tom EM:EX  
**Subject:** Foremore Compilation map

Part 2...

Cheers  
Scott

## Schroeter, Tom EM:EX

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**From:** Schroeter, Tom EM:EX  
**Sent:** Monday, October 07, 2002 3:56 PM  
**To:** 'Sandy Sears'  
**Subject:** RE: Foremore Pb/PB isotopes

Thanks, Sandy.

1) I really don't know when to expect the Pb isotope results - could be this week, next week or later. I'm off on holidays from Oct. 16th to Nov. 3rd, so if they don't come before I leave, then it'll be early November (I'll certainly let you folks know). I will/need to raise the 'issue' of Roca possibly coming up with some \$ to pay for/help pay for the Pb isotope analysis (I'm expecting that I [i.e the GSB) will get a much better rate than a company). [As I was responding here, I talked on the phone with John Mirko - he stated that wouldn't be a problem].

2) Re- rock descriptions ( I had a copy from Mirko, along with assays - I'll treat as 'confidential, for the time being). FYI - I have cut my own samples (collected during our tour) at UBC and submitted 7 for assays. I expect the results sometime this week. I will make those available (of course); what I would suggest is that if you (and I also mentioned this to Mirko) want to drop by and see the samples (with the assays) - that's probably the most effective. If there was an 'urgency' to seeing these results and/or samples - I suggest calling me later in the week to arrange a time for visiting OR wait until I return in November and do it then? Cheers,

Tom  
Tom Schroeter, P.Eng./P.Geo.  
Senior Regional Geologist  
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-----Original Message-----

**From:** Sandy Sears [mailto:ssears@bgcengineering.ca]  
**Sent:** Monday, October 07, 2002 2:34 PM  
**To:** Schroeter, Tom EM:EX  
**Subject:** Foremore Pb/PB isotopes

Hi Tom,

Just curious to know what the time frame is for the Pb isotope work. I have also attached a revised copy of the sample descriptions for the Foremore property. The descriptions are mine but they were sampled and sent in by Lorne Warren, CJL Enterprises.

Cheers,  
Sandy

## **Roca Mines Inc. - Foremore VMS Project**

Sample descriptions for specimens from the newly found SG Zone and float boulders from the North Boulder Field (NBF). Specimens selected by Lorne B. Warren, later cut and polished in Smithers, BC. Cut portions, representative of each specimen, were analyzed by ACME Labs for CJL Enterprises Ltd.

### **SG Zone**

**5861** – qtz sericite alteration with 4-5% pyrite, 5-6% sphalerite, 2-3% galena; minor calcite as discontinuous veinlets

**5862** – qtz sericite alteration with 4-5% pyrite, 8-10% sphalerite, 2-3% galena; approx. 8-10% qtz-calcite material as discontinuous blebs or fragments

**5863** – qtz sericite alteration with 1-2% pyrite, 4-5% sphalerite, 1-2% galena; approx. 8-10% qtz-calcite vein fragments

**5864** – qtz sericite alteration with large “fragments” of sphalerite and lesser galena; 8-10% sphalerite, 1-2% galena, minor chalcopryrite and pyrite

**5865** – semi massive to massive pyrite, sphalerite and galena with lesser chalcopryrite and in a qtz sericite matrix

**5866** – semi massive pyrite, coarse grained and semi-layered; cut by qtz-calcite stringers (this mineralization is conformable with layered massive sulphide mineralization)

**5867** – approx. 15cm slice through layered massive sphalerite/galena/arsenopyrite and lesser pyrite mineralization; fragmental texture is present

**5868** – qtz sericite alteration with 5-6% sphalerite, 1-2% galena and minor pyrite

**5869** – qtz sericite alteration with discontinuous layered 8-10% sphalerite, 1-2% galena, and minor pyrite

**5870** – qtz sericite alteration with 5-6% sphalerite, 18-20% galena, minor chalcopryrite and pyrite

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### **North Boulder Field (NBF) float samples**

**5871** – massive pyrite and lesser galena, sphalerite and chalcopryrite (north NBF)

**5872** – semi massive pyrite with lesser sphalerite and galena (central NBF)

**5873** – layered massive pyrite, galena and sphalerite (south NBF)

**5874** – massive layered sphalerite and lesser chalcopryrite and pyrite in qtz sericite alteration

**5875** – semi massive to massive pyrite with lesser sphalerite and galena (central NBF)

**5876** – semi massive pyrite, galena and sphalerite, and lesser chalcopryrite (central NBF)

## Schroeter, Tom EM:EX

**From:** Wojdak, Paul EM:EX  
**Sent:** Sunday, June 18, 2000 8:37 AM  
**To:** Bergen, Wally EM:EX; Cathro, Mike; Houle, Jacques; Lane, Bob; Wilton, Paul  
**Cc:** Burchett, Esther; Flynn, Doug; Good, Bryan; Graff, Bruce; Hanson, Daryl; Kennedy, Wesley; Konschuh, Elaine; Malott, Mary Lou; Pardoe, Jill; Price, Bill; Anderson, Duane; Brown, Derek; Conte, Rick; Lefebure, Dave; McArthur, Gib; McLaren, Graeme; Schroeter, Tom  
**Subject:** Weekly Report, June 16, 2000

*Fore more*  
**New Staking- Foremore** (104G 148) prospect in the Iskut district allowed to lapse by Cominco, staked by Lorne Warren and John Mirko. Target is undiscovered source of high grade VMS boulders, which lies under a glacier.  
*Anyox* **Anyox-** another 145 units acquired by Steve Buchan, Granby Mining Corp. Enormous claim block, 400 square km (20 by 20 km). But there appears to be little money to work the ground, proposed geophysical survey by Delta Geoscience has been scaled back.

**BCYCM Open House** coming to Smithers on June 29 at Hudson Bay Lodge. New approach by the Chamber in explaining to communities why they pulled out of land planning tables. Bruce McKnight, Sally Howson and Linda Dandy will be here.

*Cassiar* **Cassiar-** At June 14, 1100 tonnes per day mill-site stockpile is being processed to produce 54 tonnes of AK, AX and AY (?) grades of chrysotile fibre (represents 4.9% recovery). The AZ grade (short fibre, lowest grade) circuit is expected to be on-line imminently. Recovery of AZ grade is difficult and uncertain. Therefore output is unknown but is "guessed" to increase the total to 60 tonnes per day (5.5% recovery). Value of the various grades is indicated to be:

AK	\$1000 per tonne
AX	\$ 890 per tonne
AY	\$ 600 per tonne
AZ	\$ 440 per tonne

Summer ore-haul is scheduled to begin by July 1, to build next winter's stockpile. Part of this year's strategy is to up-grade the material better by doing more on-site screening prior to hauling. The planned source of ore is,

- Talus ore: 290,000 tonnes to be screened to 150,000 tonnes
- Tramline ore: 50,000 tonnes to be screened to 45,000 tonnes
- 2 inch rejects: 100,000 tonnes, screened to 25,000 tonnes

Total to be trucked and stockpiled = **220,000 tonnes**

Talus, tramline spillage and 2 inch reject represent 4 million tonnes of surface material left over from the previous operation. Talus ore (the largest component) is near the toe of the Cirque dump and was examined with mine geologist Lesley Hunt. Air photo interpretation suggests a sharp distinction between "talus ore" and argillite waste-rock. Good grade areas appear light gray on the photo due to a surface mat of naturally washed fibre. On the ground the boundary is more complex, a highly variable amount of waste argillite is mixed with chrysotile-bearing serpentinite and loose fibre, a rough average is 25%. Recovery of talus ore from the dump is further complicated by ice lenses.

**Fireside Barite-** Inactive, visited to solidify previous observations in order to do report for *Exploration in BC*. Property is underlain by gently west-dipping, orange weathering limy shale and siltstone, probably the Kechika Formation. These rocks are cut by dikes of biotite-hornblende gabbro, probably correlative with gabbro sills(?) mapped 40 km to the southeast by Fil Ferri and crew in the northern Kechika trough. Two of the three sub-vertical, structurally controlled barite vein deposits are closely associated with gabbro intrusions. Veins are typically 2 metres, but locally up to 10 metres wide, and comprise up to four parallel or bifurcating structures. The northerly trending Moose vein has been mined (seasonally) from a shallow open pit and was reclaimed in 1999. Open pit mining of the northeast trending Bear vein began in 1998, but may be deferred in 2000. The NNE trending Beaver vein has not been developed. At one locality near the Bear vein, siltstone beds in a thin-bedded siltstone/shale sequence contain rich concentrations (10-30%) of diagenetic(?) barite. Possibly, the role of the gabbro intrusions was to mobilize and redeposit this stratabound barite. Although the gabbro is virtually non-magnetic, simple geophysical methods should be able to discriminate between shale and gabbro to derive

Tom Schroeter  
08.5/02

**Roca Mines Inc. - Foremore VMS Project**

Sample descriptions for outcrop from the newly found SG Zone and float boulders from the North Boulder Field (NBF). Samples selected by Lorne B. Warren, later cut and polished in Smithers, BC. Cut portions, representative of each sample, were analyzed by ACME Labs for CJL Enterprises Ltd.

**SG Zone**

	Cu (%)	Pb (%)	Zn (%)	As (ppm)	Bi (ppm)
5861 - qtz sericite alteration with 4-5% pyrite, 3-5% sphalerite, 2-4% galena; minor calcite as discontinuous veinlets 349 ppm As	.198	.82	6.03	27.2	.33
5862 - qtz sericite alteration with 4-5% pyrite, 4-6% sphalerite, 2-3% galena; approx. 8-10% qtz-calcite material as discontinuous blebs or fragments 558 ppm As	.098	1.61	12.32	364	9.08
5863 - qtz sericite alteration with 1-2% pyrite, 4-5% sphalerite, 3-4% galena; approx. 8-10% qtz-calcite vein fragments 183 ppm As	0.088	0.52	3.67	14.6	.42
5864 - qtz sericite alteration with large "fragments" of sphalerite and lesser galena; 3-5% sphalerite, 1-2% galena, minor chalcopryrite and pyrite 31 ppm Bi	.082	2.23	9.97	37.2	.14
5865 - semi massive to massive sphalerite and galena with lesser chalcopryrite and pyrite in a qtz sericite matrix 66 ppm Bi	.177	3.75	11.71	63.6	.26
5866 - semi massive pyrite, coarse grained and semi-layered; cut by qtz-calcite stringers (this mineralization is conformable with layered massive sulphide mineralization) 42 ppm Bi 27 ppm Mo 3629 ppm As	.159	.05	.20	48.1	.08
* 5867 - approx. 10cm slice through layered massive sphalerite/galena and lesser pyrite mineralization; fragmental texture is present 56895 ppm As; 57 ppm Sb	.136	11.22	12.62	138	20.1
5868 - qtz sericite alteration with 3-4% sphalerite, 1-2% galena and minor pyrite 216 ppm As; 27 ppm Bi	.113	1.06	6.77	32.1	.24
5869 - qtz sericite alteration with discontinuous layered 3-5% sphalerite, 1-2% galena, and minor pyrite 108 ppm As; 41 ppm Bi	.147	2.28	9.55	49.9	.18
5870 - qtz sericite alteration with 2-3% sphalerite, 8-10% galena, minor chalcopryrite and pyrite 88 ppm As; 61 ppm Sb	.239	25.84	9.0	157.8	1.14

**North Boulder Field (NBF) float samples**

5871 - massive pyrite and lesser galena, sphalerite and chalcopryrite (north NBF) 182 ppm Sb	1.482	11.22	15.1	18.1	1.78
5872 - semi massive pyrite with minor sphalerite and galena (central NBF)	.136	1.34	14.61	30.4	.21
5873 - layered massive pyrite, galena and sphalerite (south NBF) 481 ppm Sb	.169	15.4	26.76	38.2	2.89
5874 - massive layered sphalerite and lesser chalcopryrite and pyrite in qtz sericite alteration 366 ppm As; 70 ppm Bi	3.042	.08	21.62	15.4	—
5875 - semi massive to massive pyrite with lesser sphalerite and galena (central NBF) 71 ppm Sb	.139	7.31	19.56	9.2	4.8
5876 - semi massive pyrite, chalcopryrite, galena and sphalerite (central NBF) 75 ppm As; 203 ppm Sb	.362	8.79	24.07	147.8	5.04



ASSAY CERTIFICATE



CJL Enterprises Ltd. PROJECT FOREMORE File # A203876

P.O. Box 662, Smithers BC V0J 1W0

P. 03

FAX NO. 6042531716

SEP-27-2002 FRI 03:06 PM ACUTE ANALYTICAL LAB

OCT 02 2002 14:56 FR - 91615567

604 684 5909 TO 96047750313 P.02/03 52:51 2002 22 435

FOREMORE  
SG Zone

North Boulder Field (NBF)  
'Float'

SAMPLE#	CU %	PB %	ZN %	Ag** gm/mt	Au** gm/mt
SI	<.001	<.01	<.01	<.3	.01
5861	.188	.82	6.03	27.2	.33
5862	.098	1.61	10.32	36.4	9.08
5863	.058	.52	3.67	14.6	.42
5864	.082	2.23	9.97	37.2	.14
5865	.177	3.75	11.71	63.6	.26
5866	.159	.05	.20	48.1	.08
5867	.136	11.22	12.62	138.0	20.11
5868	.113	1.06	6.77	32.1	.24
5869	.147	2.28	9.55	49.9	.18
5870	.239	25.84	9.00	157.8	1.14
RE 5870	.243	26.10	9.10	159.1	1.08
5871	1.482	11.22	15.10	180.9	1.78
5872	.136	1.34	14.61	30.4	.21
5873	.169	15.40	25.76	352.4	2.89
5874	3.042	.08	21.62	15.4	<.01
5875	.139	7.31	19.56	92.1	4.78
5876	.362	8.79	24.07	147.8	5.04
STANDARD R-1/AU-1	.830	1.27	2.31	101.9	3.42

GROUP 7AR - 1.000 GH SAMPLE, ARIA - REGIA (HCL-HNO3-H2O) DIGESTION TO 100 ML, ANALYSED BY ICP-ES.  
- SAMPLE TYPE: ROCK R150 AG\*\* & AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE.  
Samples beginning 'RE' are Returns and 'RRE' are Reject Returns.

DATE RECEIVED: SEP 18 2002 DATE REPORT MAILED: Sept 27/02 SIGNED BY: C. L. FOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA (Handwritten)





GEOCHEMICAL ANALYSIS CERTIFICATE

AGL Enterprises Ltd. PROJECT FOREMORE File # A201876

P.O. Box 662, Smithers BC V0J 1R0

P. 02

FAX NO. 6042531716

SEP-2-2002 FRI 03:06 PM ACME ANALYTICAL LAB

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W	Mg
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm
S1	<1	1862	8098	47117	27.4	0.82	4	1023	3.58	349	<8	<2	<2	124	334.9	10	14	3	2.85	.026	1	17	.52	12	<.01	<3	.59	.01	.07	<2	<10
5861	<1	932	15192	58217	35.21	0.1	17	3826	8.21	558	<8	12	<2	258	518.8	4	4	5	7.41	.040	5	22	1.26	22	<.01	<3	1.08	.01	.08	<2	<26
5862	<1	497	4751	25460	13.86	0.43	6	2899	3.17	183	<8	3	<2	386	168.8	5	15	7	11.23	.033	5	13	.77	19	<.01	<3	.69	<.01	.08	<2	<6
5863	1	714	18776	56588	32.91	0.1	2	2315	3.08	34	<8	<2	<2	179	520.8	5	31	5	6.56	.063	5	23	.64	24	<.01	<3	.99	<.01	.13	<2	<19
5864	1	1759	19677	66680	59.81	0.1	6	1751	4.55	157	<8	<2	<2	304	630.3	18	66	3	7.23	.028	3	15	1.07	15	<.01	<3	.78	.01	.06	<2	<23
5865	27	1647	503	1845	47.31	0.39	51	1225	23.35	3629	<8	<2	3	194	12.9	<3	42	65	4.31	.067	2	10	.80	9	<.01	<3	1.31	.01	.01	<2	<41
5866	2	1323	19050	74743	129.79	0.187	53	1308	14.88	56895	<8	15	<2	148	635.5	57	<3	42	5.54	.006	2	<1	.79	13	.01	<3	1.03	<.01	.02	<2	<11
5867	2	1089	10124	49693	31.4	0.12	6	783	2.96	216	<8	<2	<2	80	371.9	3	27	3	1.91	.071	1	13	.38	23	<.01	<3	.61	.01	.15	<2	<10
5868	2	1156	18958	58599	46.21	0.1	4	1689	2.89	108	<8	<2	<2	193	524.8	7	41	3	6.90	.051	4	19	.47	20	<.01	<3	.69	<.01	.11	<2	<17
5869	1	2330	19055	54485	154.24	0.26	11	1706	3.29	88	<8	<2	<2	312	536.8	61	6	13	7.62	.011	2	22	.69	15	<.01	<3	.62	<.01	.05	<2	<11
5870	1	2330	19138	54464	156.34	0.26	11	1724	3.34	90	<8	<2	<2	316	547.5	65	10	13	7.74	.011	3	24	.70	15	<.01	<3	.64	<.01	.05	<2	<12
RE 5870	6	15468	20190	94265	184.8	0.20	2	891	8.05	25	<8	<2	<2	36	613.4	182	<3	<1	2.76	.003	1	<1	.68	7	<.01	<3	.06	.02	.03	<2	<120
5871	3	1362	13204	92270	28.3	0.18	2	257	9.77	12	<8	<2	<2	75	670.5	11	<3	2	2.30	.001	1	<1	.05	14	<.01	<3	.14	.02	.08	<2	<149
5872	7	1781	20925	99999	256.7	0.18	<1	270	9.12	35	<8	<2	<2	19	1296.2	481	<3	1	.25	.002	1	<1	.11	9	<.01	<3	.08	.01	.04	<2	<389
5873	5	29761	767	99999	13.86	0.13	323	4363	16.63	366	10	<2	2	30	1024.6	3	70	6	3.67	<.001	1	<1	.84	17	<.01	9	.92	<.01	.01	<2	<6
5874	8	1358	17870	99999	90.72	0.27	2	1290	16.70	56	<8	5.16	2	111	803.4	71	<3	2	4.26	.002	<1	<1	.53	4	<.01	<3	.07	.01	.03	<2	<173
5875	6	3459	20171	99999	137.54	0.21	<1	2538	12.23	75	<8	5.16	2	700	916.3	203	<3	7	5.21	.002	1	<1	1.53	4	<.01	<3	.06	<.01	.01	<2	<199
5876	7	125	29	147	<.3	0.35	12	822	3.12	20	<8	<2	3	30	4.8	5	6	74	.54	.095	16	159	.62	143	.10	<3	1.69	.04	.16	3	<1
STANDARD DS4																															

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O2 AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.  
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM  
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
 - SAMPLE TYPE: ROCK R150 Samples beginning 'RE' are Retruns and 'RRE' are Reject Retruns.

DATE RECEIVED: SEP 18 2002 DATE REPORT MAILED: Sept 27/02 SIGNED BY: CT D. TOYE, C. LEONG, J. WANG; CER11

*Note: See attached assay sheet (%; g/t), plus - Roca sample descriptions.*

Post-it <sup>®</sup> Fax Note	7671E	Date	# of pages
To	Tom	From	J. MIRKO
Co/Dept.		Co.	L.B. WARDEN
Phone #		Phone #	2904647
Fax #	604 775 0313	Fax #	

*AGG - FOREMORE*

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.