CCH PROPERTY

Cariboo Lake, British Columbia

NTS: 93A/11W

GEOLOGY AND GEOCHEMISTRY, 1992

Claims: CCH 1 to 7, 14
Cariboo Mining Division
52°42'30"N, 121°25'W

Owner: E. Dodson

Operator: Rio Algom Exploration Inc

W S Donaldson

November 1992

SUMMARY

During mid-September, 1992, at a cost of $ 6,301, Rio Algom Exploration Inc. carried out a programme of geological mapping and geochemical sampling over the CCH property. The purpose of the program was to locate a source of the zinc, lead, silver and copper-bearing massive sulphide boulders found at the mouth of Frank Creek, (on the Mass claims, to the east).

Geological mapping of the property showed that a package of schists, belonging to the Palaeozoic Harveys Ridge succession have been intruded by Palaeozoic Quesnel Lake granite orthogneiss and a Tertiary lamprophyre dyke. Silt, soil and rock geochemical samples were not anomalous, except for a few non-continuous, slightly elevated anomalies that do not define targets.

Massive sulphide mineralization of the type seen in the boulders and sought was not found through the work performed by Rio Algom Exploration Inc. The source is therefore probably up ice and off the property, or is very small and not detectable by the work done. It is recommended that the option be terminated.

TABLE OF CONTENTS

1 INTRODUCTION

1.1 General

This report describes the results of geological mapping and geochemical sampling carried out by Rio Algom Exploration Inc during the 1992 field season on the CCH Property. This work was in addition to work on the Mass claims to the east which were also held under option by Rio Algom from Formosa Resources Corporation and Annex Resource Corp. The Mass Property report appears under separate cover by W.S. Donaldson (1992).

Rio Algom acquired an option on the CCH Property from E. Dodson in the belief that the source of zinc, lead, silver and copper-bearing massive sulphide boulders, found at the mouth of Frank Creek on the Mass claims, might lie somewhere on these claims.

The purpose of the 1992 work was to identify the possible source areas of the massive sulphide boulders.

1.2 Location, Access and Physiography

The claims are situated on the south shore of Cariboo Lake, approximately 15 km northeast of the village of Likely, B.C. (Map 1). The claims are accessible by all weather logging roads from Likely. The 8400 Road, which begins just south of the Cariboo River, near the Weldwood logging camp, leads to spur road 8400A which gives direct access to the property.

Elevations on the property range from 812 metres at Cariboo Lake to 1425 metres. The property is covered by a mixture of overgrown logging slash and subeconomic timber.

1.3 Property and Claim Status

The CCH Property comprises the following claims:

CCH Option

Claim	Units	Record No.	Record Date
CCH 1	12	313313	Sep 10, 1992
CCH 2	20	313314	Sep 11, 1992
CCH 3	1	313321	Sep 11, 1992
CCH 4	1	313322	Sep 11, 1992
CCH 5	1	313323	Sep 11, 1992
CCH 6	1	313324	Sep 11, 1992
CCH 7	1	313325	Sep 11, 1992
CCH 14	1	313326	Sep 11, 1992

Upon acceptance of this report by the Ministry of Energy, Mines and Petroleum Resources, the claims will be in good standing until 1994.

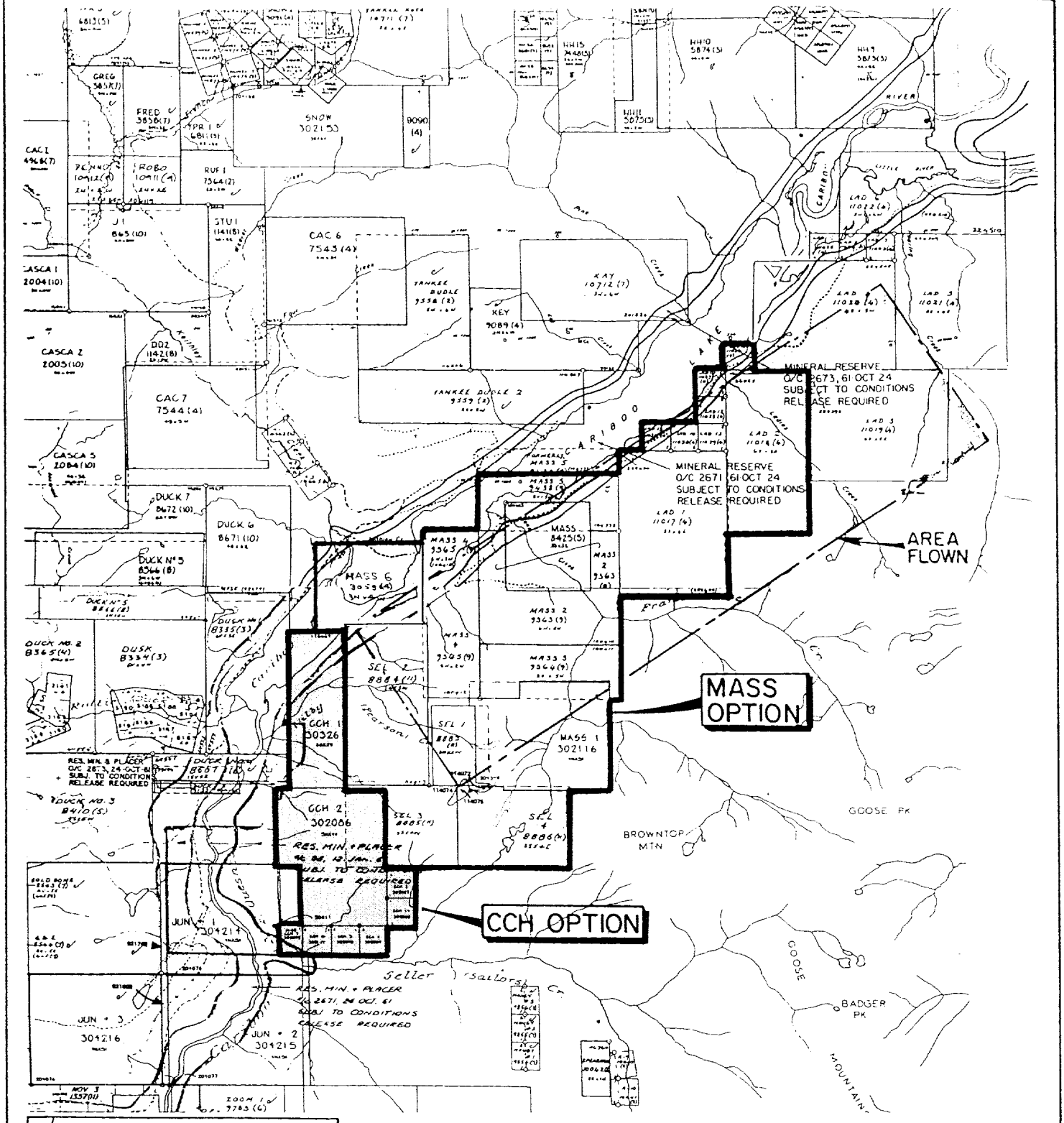
1.4 History

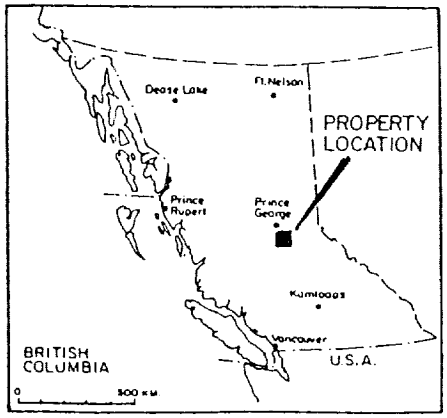
There is no record of previous work on the ground covered by the CCH option.

In 1986, Casimiro Resources Corp. explored the C1 and Conch 1 claims adjacent to the western edge of the CCH Property. The company explored these claims for vein-related, precious metal mineralization. The results were not encouraging and the claims lapsed.

Frank Creek (to the east of the CCH Property) has seen sporadic placer mining activity since the early 1900's. The most recent placer work on the creek was undertaken by the Rasmussen brothers between 1984 and 1986. Boulders of massive sulphides were uncovered in the course of sinking a 14.6 metre shaft on the east side of the creek.

The boulders were examined and sampled in 1991 by Rio Algom Exploration Inc. The boulders are 30 to 60 cm across and consist solely of massive pyrite, with lesser pyrrhotite and minor sphalerite, galena, barite and chalcopyrite. White hydrozincite coats the surface. It was concluded that the sulphides in the boulders are the result of syngenetic mineralization, and that the boulders are from a local source.





N

Scale 1:100,000

0 1 2 4 KM.

Rio Algom Exploration Inc.

CCH PROPERTY

LOCATION MAP

NTS 93A-11 CARIBOO M.D., B.C.

DATE	DRAWN BY	DWG
OCT. 1992	W.D. / Chong	1

2 REGIONAL GEOLOGY

The CCH Property lies in the Cariboo Gold Belt (Struik, 1988) in the Barkerville Terrane, one of four fault-bounded stratigraphic and tectonic terrains that were deposited in an ocean and consisting of continental shelf and slope clastics, carbonates and volcaniclastics.

Geology of the area consists of the Harveys Ridge succession, a member of the Palaeozoic Snowshoe Group and consists of quartzite, phyllite, schist, siltite, limestone, conglomerate and metatuff. To the west, the rocks are the Hadrynian(?) Keithley succession, consisting of quartzite, phyllite and minor marble. An intrusion of Palaeozoic Quesnel Lake granite orthogneiss occurs in this succession, extending onto the Property. Structural disturbance was accompanied by regional prograde and retrograde metamorphism to a chlorite-grade facies.

3 RIO ALGOM WORK PROGRAMME

The 1992 field programme consisted of geological mapping and geochemical sampling from September 12 to 16, 1992, inclusive.

3.1 Geological Mapping

The CCH Property was mapped at 1:10,000 scale by Rio Algom personnel. Geology was mapped along roads and along four soil sampling traverses.

3.2 Geochemical Sampling

In conjunction with the geological mapping, 4 silt, 120 soil and 9 rock samples were collected. The locations are plotted on Map 3 and the results are plotted on Map 4. The analytical data appears in Appendix II and rock descriptions in Appendix III.

Silt samples were collected from flowing streams encountered during mapping. The silts were placed in kraft bags and sent to Acme Analytical Laboratories in Vancouver for analysis.

Four uncut soil lines were run perpendicular to the strike of the metasedimentary rocks. Soil samples were collected every 50 metres, placed in kraft bags and sent to Acme Analytical Laboratories, Vancouver, B.C. for analysis.

Outcrops were sampled. Approximately two kilograms of rock chips were collected for each sample, and the samples were sent to Chemex Laboratory of North Vancouver, B.C. for analysis.

3.3 Laboratory Procedures

All samples were analyzed for gold (by FA/AA) and 30 or 32 elements by ICP (depending on the laboratory).

Soil samples were dried at 60°C, sieved to -80 mesh. A 0.5 gram sample was then digested with 3 ml 3-1-2 (HCl-HNO_3-H_2O) at 95°C for one hour and diluted to 10 ml with water. Analysis for 30 or 32 elements was by inductively coupled plasma (ICP). For gold analysis, a 10.0 gram sample was ignited at 600°C, digested with hot aqua regia, extracted with MIBK and analyzed by graphite furnace atomic absorption.

Rock samples were pulverized to -140 mesh and analyzed using the same procedure as described above. For gold however, the 10.0 gram sample was pre-concentrated using fire assay techniques and finished by atomic absorption analysis.

Silt samples were sieved to -80 mesh and a portion of the -80 mesh fraction was analyzed geochemically for gold and 30 additional elements by ICP.

4 RESULTS OF WORK

4.1 Property Geology

The purpose of the 1992 work programme was to assess the potential for zinc-lead massive sulphide mineralization on the CCH Property. To this end, geological mapping (1:10,000 scale) and selective lithologic, silt and soil sampling was carried out.

Property geology consists of metasedimentary rocks of the Palaeozoic Harveys Ridge succession (a member of the Snowshoe Group), that have been intruded by Palaeozoic Quesnel Lake granite orthogneiss and minor Tertiary lamprophyre dykes. Descriptions of the units mapped, with the labels used on the accompanying maps, are as follows.

Metasedimentary Rocks

SAT: Sericite-Albite-Talc Schist

Localized along the east-central portion, this rock was originally a volcanic tuff(?). It is a light green, fine-grained, schistose rock composed of sericite, albite and talc. Minor quartz veins to 6 mm wide cut the unit and aggregates of pyrite (to 8 mm) average less than 0.5%. Scattered throughout are 1% ankerite porphyroblasts (to 2 mm).

SS: Sericite Schist

Silvery-yellow coloured, vitreous rock, fine-grained, with a good schistose fabric due to pervasive sericite. Minor ankerite porphyroblasts to 1 mm. There is also a trace of disseminated pyrite.

CS: Chlorite Schist

Dark olive-green to black coloured rock, very fine- grained, composed entirely of chlorite. A good foliation is present. There are 2% ankerite porphyroblasts to 3 mm. Minor quartz veins may cut the rock. Minor disseminated pyrite is present.

QCS: Quartz-Chlorite Schist

Grey-green colour, medium-grained rock composed of quartz and chlorite, with a weak schistose fabric. There are 2% - 1 mm ankerite porphyroblasts throughout.

QSS: Quartz-Sericite Schist

Grey-yellow colour, medium grain rock composed of quartz and sericite. It has a weak schistose fabric, and contains 2% - 1 mm ankerite porphyroblasts throughout.

Intrusive Rocks

QLG: Quesnel Lake Granite Orthogneiss

Brown-grey-white colour, with phenocrysts of plagioclase to 6 cm set in a medium to coarse-grained matrix composed of quartz, plagioclase, potassic feldspar, chlorite and minor mafic minerals. Metamorphism has produced definite foliation planes, with most minerals being stretched along the planes. No visible mineralization.

LAM: Lamprophyre Dyke

The rock is dark green, fine-grained and chloritic. There is no visible mineralization.

4.2 Structure

All rocks on the property are variably slaty, foliated, laminated or schistose.

Foliations strike northwest and dip moderately (22° - 66°) to the northeast. A lineation in the Quesnel Lake granite orthogneiss plunges northwest at 10°.

Primary sedimentary structures were not observed.

4.3 Mineralization

Disseminated pyrite to 2% was observed in the schistose metasediments. Trace disseminated pyrite was observed in the granite orthogneiss.

There is no evidence of massive sulphide or any stratiform mineralization in any of the outcrops.

4.4 Silt Sampling

Four silt samples were collected on the property. The background used for zinc is 100 ppm and for lead 30 ppm.

Two samples (SS-CCH-100 and SS-CCH-103) had slightly anomalous zinc, 121 and 118 ppm, respectively. Lead was not anomalous in any of the samples.

4.5 Soil Sampling

B horizon, about 15cm deep, using grubhoe.

Soil sampling was conducted along four uncut traversed lines across the central and southern portion of the CCH property.

The sampled areas backgrounds are considered to be 200 ppm for zinc and 60 ppm for lead. Using these cutoffs, the following observations can be made:

Of the 120 samples, three were anomalous in zinc (229, 218, 209 ppm) and three were anomalous in lead (134, 105, 67 ppm). Five anomalous gold assays were returned (136, 48, 44, 37, 27 ppb). It is the author's opinion that the 136 ppb gold is caused by a localized, mineralized quartz vein.

4.6 Rock Sampling

Nine rock samples were collected. Zinc and lead are at background levels.

The chloritic schists and sericite-albite-talc schists had anomalous barite, ranging from 890 to 1540 ppm.

Five of the nine rock samples contained anomalous gold, ranging from 25 to 85 ppb.

5 CONCLUSIONS AND RECOMMENDATIONS

Evaluation of the CCH Property as a possible source for the massive sulphide mineralization in float resulted in disappointing results.

Though there were some anomalous results, the source of the soil anomalies are considered by the author to be caused by either high background in the metasedimentary rocks or localized mineralized quartz veining as seen on the adjacent Mass claims.

Rock sampling failed to indicate anomalous zinc or lead. The massive sulphide boulders seen at the base of Frank Creek have no host rock and thus cannot be matched to any setting seen on the property.

In conclusion, through the work performed by Rio Algom the geological environment though not inhospitable to the type of mineralization observed in the boulders, failed to find a source for these. Thus either the source is up ice and off the property, or the source is very small and not detectable by the work done. If it is small, the target is not attractive to Rio Algom.

As the results of the 1992 field programme on the CCH Property were not encouraging, it is recommended that Rio Algom terminate the option, and return the property to E. Dodson.

6 REFERENCES

Donaldson, W S — Mass Property. Geology, Geochemistry, Geophysics and Trenching, 1992. BCDM Assessment Report.

Martin, L S — Geological, Geochemical and Geophysical Report on the Mass Property, 1989. BCDM Assessment Report

McClintock, J A — Mass and Annex Options. Geology, Geochemistry and Geophysics, 1991. BCDM Assessment Report

Struik, L C — Structural Geology of the Cariboo Gold Mining District, East-Central British Columbia. GSC Memoir 421, 1988

7 STATEMENT OF QUALIFICATIONS

I, William Stratton Donaldson, do hereby certify that:

1 I am a graduate of Carleton University in Ottawa, Ontario with an Honours Bachelor of Science degree (1985) in Geology.

2 I have practised my profession as a geologist continually since graduation.

3 I currently reside at 14-1609 Harwood Street, Vancouver, British Columbia.

4 I am temporarily employed as a geologist with Rio Algom Exploration Inc with an office at 1650-609 Granville Street, Vancouver, British Columbia.

5 I personally assisted in the supervision of the geological and geochemical programmes conducted on the CCH option during the 1992 field season.

William Donaldson

William Stratton Donaldson
November 1992

APPENDIX I

COST STATEMENT

APPENDIX I - COST STATEMENT

Salaries

W. Donaldson, Geologist Sep. 12 - 16, 1992 5 days @ $ 250/day	$ 1250.00
S. Casselman, Geologist Sep. 12 - 16, 1992 5 days @ $ 250/day	$ 1250.00
Subtotal	**$ 2500.00**

Other Expenses

Meals	$ 150.00
Groceries	$ 50.00
Accommodation	$ 225.00
Truck Rental (Nicholson and Associates), Fuel	$ 375.00
Subtotal	**$ 800.00**

Report Preparation, Drafting, Miscellaneous	**$ 1500.00**

Geochemical

Analysis, Acme Analytical Laboratories 120 soils, 4 silts @ $ 10.81/sample	$ 1340.44
Analysis, Chemex Laboratory 9 rocks @ $ 17.88/sample	$ 160.92
Subtotal	**$ 1501.36**
TOTAL COSTS	**$ 6301.36**

APPENDIX II

ANALYTICAL DATA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Rio Algom Exploration Inc. PROJECT 9129 File # 92-3255 Page 1

P.O. Box 10335, 1650 - 60, Vancouver BC V7Y 1G5 Submitted by: WILLIAM DONALDSON

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
SO-CCH-700	1	28	23	78	.3	31	10	280	2.44	16	5	ND	11	12	.2	3	2	15	.18	.055	23	28	.52	62	.02	2	1.02	.01	.08	3	8
SO-CCH-701	1	24	22	92	.1	36	11	315	3.04	14	5	ND	9	12	.2	2	2	18	.18	.046	30	31	.66	89	.01	2	1.42	.01	.10	1	10
SO-CCH-702	1	7	26	63	.2	19	6	148	2.25	2	5	ND	9	14	.2	2	2	13	.06	.064	38	28	.45	76	.01	2	1.17	.01	.07	1	4
SO-CCH-703	1	1	12	31	.2	9	3	68	1.42	5	5	ND	5	6	.2	2	2	15	.08	.059	20	17	.14	32	.02	2	.69	.01	.06	1	8
SO-CCH-704	1	68	28	109	.3	276	49	1451	6.57	37	5	ND	9	14	.4	2	2	60	.25	.075	29	337	2.23	42	.01	2	2.78	.01	.08	1	9
SO-CCH-705	1	17	23	101	.2	68	11	211	4.53	19	5	ND	9	8	.2	2	2	29	.07	.164	32	128	.98	79	.01	2	1.93	.01	.07	1	6
SO-CCH-706	1	16	25	128	.4	35	9	208	3.34	16	5	ND	8	11	.2	2	2	21	.16	.122	30	42	.71	123	.01	2	1.58	.01	.12	1	4
SO-CCH-707	1	24	21	89	.5	23	6	237	1.95	9	5	ND	4	14	.9	2	2	17	.24	.043	29	26	.27	85	.02	3	.90	.01	.11	1	4
SO-CCH-708	1	17	21	84	.1	44	12	298	2.61	13	5	ND	8	9	.2	2	2	18	.15	.047	29	74	.69	55	.02	2	1.29	.01	.08	1	6
SO-CCH-709	1	39	26	146	.4	39	16	343	3.10	14	5	ND	10	13	.2	2	2	18	.22	.064	41	31	.67	72	.02	2	1.51	.01	.11	1	4
SO-CCH-710	1	26	21	139	.9	45	11	228	3.90	19	7	ND	9	7	.3	3	2	23	.11	.065	24	37	.74	92	.02	2	1.73	.01	.10	1	136
SO-CCH-711	1	16	27	193	.4	31	9	173	3.60	17	5	ND	7	8	.5	2	2	24	.10	.125	24	29	.55	103	.01	3	1.40	.01	.07	1	4
SO-CCH-712	1	29	31	83	.1	26	11	266	2.41	18	5	ND	8	7	.2	2	2	13	.16	.057	20	15	.35	59	.02	2	.93	.01	.08	1	1
SO-CCH-713	1	20	20	144	2.1	36	13	544	3.51	18	5	ND	7	13	.6	2	2	23	.21	.096	21	30	.50	157	.01	2	1.73	.01	.14	1	7
SO-CCH-714	1	23	18	109	.4	30	9	342	2.98	11	5	ND	6	11	.2	2	2	21	.15	.043	25	27	.61	125	.01	2	1.62	.01	.10	1	4
SO-CCH-715	1	20	28	108	.3	27	11	386	2.75	8	5	ND	6	9	.2	2	2	18	.15	.049	28	22	.51	107	.01	2	1.51	.01	.10	1	12
SO-CCH-716	1	19	27	117	1.0	27	9	334	3.07	9	5	ND	6	9	.3	2	2	21	.13	.061	32	24	.48	143	.01	2	1.61	.01	.10	1	13
SO-CCH-717	1	8	18	78	.5	16	5	193	2.06	6	5	ND	6	7	.2	3	2	19	.09	.037	26	18	.39	107	.02	2	1.30	.01	.09	1	11
SO-CCH-718	1	13	22	96	.4	23	7	219	3.44	8	5	ND	7	8	.2	2	2	20	.12	.072	24	26	.55	93	.01	2	1.84	.01	.10	1	2
SO-CCH-719	1	13	14	77	1.6	23	10	273	2.53	5	5	ND	6	5	.2	2	2	16	.05	.026	24	22	.51	92	.01	2	1.42	.01	.09	1	4
SO-CCH-720	1	80	33	180	.3	73	24	627	4.57	42	5	ND	10	18	.5	2	2	25	.45	.083	27	36	.72	161	.02	2	1.66	.01	.17	1	13
SO-CCH-721	1	15	16	95	.6	26	8	224	2.81	7	5	ND	8	10	.4	2	2	18	.13	.040	26	24	.55	117	.01	2	1.55	.01	.11	1	6
SO-CCH-722	1	34	17	110	.2	41	12	344	3.46	19	5	ND	7	10	.2	2	2	20	.15	.056	28	31	.64	95	.02	2	1.52	.01	.11	1	11
SO-CCH-723	1	11	11	88	.2	22	7	145	2.64	7	5	ND	7	7	.2	2	2	18	.10	.039	27	22	.45	98	.01	2	1.28	.01	.09	1	6
SO-CCH-724	1	20	17	93	.3	34	14	452	3.21	10	5	ND	9	9	.2	2	2	19	.14	.055	30	26	.60	85	.01	2	1.47	.01	.11	1	5
SO-CCH-725	1	11	14	75	.4	23	8	212	2.50	8	5	ND	5	7	.2	2	2	17	.09	.038	27	23	.47	94	.01	2	1.41	.01	.09	1	4
SO-CCH-726	1	11	13	90	.3	25	8	212	2.86	5	5	ND	7	8	.2	2	2	18	.10	.038	26	23	.53	97	.01	2	1.61	.01	.10	1	1
SO-CCH-727	1	16	12	93	.4	28	9	210	3.20	13	5	ND	6	6	.2	2	2	19	.07	.047	23	26	.55	87	.01	2	1.48	.01	.08	1	4
SO-CCH-728	1	12	19	72	1.7	20	6	130	3.51	9	5	ND	7	4	.2	2	2	25	.04	.131	21	29	.30	60	.02	2	2.01	.01	.04	1	8
RE SO-CCH-724	1	19	16	89	.2	32	13	425	3.08	9	5	ND	8	9	.2	2	2	17	.13	.053	28	25	.56	80	.01	2	1.40	.01	.09	1	8
SO-CCH-729	1	21	21	149	.5	58	17	203	3.46	12	5	ND	10	5	.2	2	2	18	.05	.051	26	30	.53	67	.02	2	2.10	.01	.07	1	17
SO-CCH-730	1	38	25	117	.2	45	11	199	3.68	15	5	ND	14	6	.2	2	2	21	.06	.060	34	32	.63	81	.02	3	2.08	.01	.11	1	8
SO-CCH-731	1	14	17	65	.2	17	6	107	2.49	5	5	ND	8	5	.2	2	2	19	.04	.019	36	19	.43	62	.02	2	1.32	.01	.05	1	8
SO-CCH-732	1	15	34	94	.1	24	8	107	4.94	10	5	ND	10	8	.2	2	2	31	.07	.126	23	30	.34	57	.02	2	1.96	.01	.05	1	15
SO-CCH-733	1	8	14	69	.1	15	6	121	2.25	2	5	ND	5	8	.2	2	2	17	.08	.029	22	16	.36	43	.01	2	1.15	.01	.07	1	27
SO-CCH-734	1	8	34	62	.2	16	7	114	3.29	7	5	ND	7	7	.2	2	2	22	.10	.042	20	26	.40	66	.01	2	1.84	.01	.08	1	6
SO-CCH-735	1	6	14	48	.1	8	3	59	1.32	3	5	ND	3	5	.2	2	2	12	.07	.018	18	10	.24	33	.01	2	.89	.01	.05	1	4
STANDARD C/AU-S	19	56	41	134	7.6	77	31	1065	3.96	43	21	7	41	52	18.8	15	20	58	.49	.087	40	60	.94	183	.09	34	2.00	.08	.16	10	50

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 TO P4 SOIL P5 SILT AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 21 1992 **DATE REPORT MAILED:** Sep 28 92 **SIGNED BY.** D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
SO-CCH-736	1	25	20	97	.4	24	10	210	2.14	9	5	ND	8	11	.6	3	2	16	.21	.057	29	19	.45	70	.01	2	1.26	.01	.09	3	2
SO-CCH-737	1	11	11	55	.3	16	6	151	2.40	11	5	ND	5	7	.2	4	2	14	.12	.052	22	19	.45	31	.02	2	1.11	.01	.07	2	1
SO-CCH-738	1	13	15	50	.3	13	4	126	2.55	10	5	ND	6	6	.2	2	2	15	.08	.033	24	18	.33	49	.02	2	1.14	.01	.07	1	1
SO-CCH-739	1	9	16	59	.2	12	6	259	2.50	7	5	ND	7	5	.2	2	2	22	.07	.038	27	21	.33	53	.02	2	1.24	.01	.06	1	1
SO-CCH-740	1	29	27	139	.4	39	14	403	3.02	14	5	ND	6	15	.2	2	2	21	.22	.050	31	33	.64	148	.01	2	1.67	.01	.13	1	44
SO-CCH-741	1	22	16	92	.3	30	10	201	2.43	11	5	ND	6	13	.2	2	2	17	.20	.058	26	29	.58	100	.02	2	1.29	.01	.11	1	3
SO-CCH-742	1	13	15	74	.2	17	6	308	1.79	10	5	ND	3	14	.2	2	2	17	.21	.054	20	23	.36	120	.02	2	.96	.01	.08	1	2
SO-CCH-743	1	25	19	108	.6	31	9	219	2.80	16	8	ND	8	11	.2	4	2	19	.16	.059	33	34	.62	104	.01	2	1.39	.01	.13	1	1
SO-CCH-744	1	15	19	97	.4	22	8	803	1.96	10	5	ND	3	18	.6	2	2	17	.29	.046	23	22	.41	143	.01	2	1.03	.01	.11	1	1
SO-CCH-745	1	19	21	106	.1	25	10	243	2.16	10	5	ND	6	11	.2	2	2	16	.17	.039	30	27	.52	106	.02	2	1.21	.01	.09	1	12
SO-CCH-746	1	18	27	123	.6	26	11	291	2.53	13	6	ND	6	12	.3	3	2	23	.20	.049	24	32	.47	160	.02	2	1.48	.01	.14	1	6
SO-CCH-747	1	14	18	89	.1	19	6	129	2.36	10	5	ND	5	12	.2	2	2	20	.19	.060	25	25	.42	101	.02	2	1.34	.01	.07	1	6
SO-CCH-748	1	15	17	91	.3	22	7	142	2.33	11	5	ND	7	12	.2	2	2	17	.19	.054	27	24	.47	99	.01	2	1.17	.01	.10	1	1
SO-CCH-749	1	23	26	104	.1	26	7	151	3.74	19	5	ND	8	8	.2	2	2	19	.10	.105	27	30	.54	97	.01	2	1.49	.01	.09	1	5
SO-CCH-750	1	21	20	110	.3	26	7	143	2.92	14	5	ND	7	8	.2	2	3	18	.11	.066	28	28	.55	111	.01	2	1.52	.01	.09	1	20
SO-CCH-751	1	23	23	127	.6	23	9	296	2.74	15	5	ND	7	10	.2	2	2	17	.13	.097	24	26	.45	135	.01	2	1.50	.01	.11	1	3
SO-CCH-752	1	31	30	103	.3	33	9	151	2.77	20	5	ND	8	10	.2	2	2	18	.13	.054	28	26	.50	85	.02	2	1.23	.01	.10	1	3
SO-CCH-753	1	13	28	83	.1	18	6	129	2.96	15	5	ND	7	8	.2	2	2	23	.11	.149	25	24	.34	196	.01	2	1.30	.01	.09	1	1
SO-CCH-754	1	16	27	154	.1	28	10	172	4.32	10	5	ND	9	11	.2	2	2	30	.15	.217	27	30	.45	124	.02	2	2.05	.01	.09	1	11
SO-CCH-755	1	8	21	69	.1	13	5	134	2.78	9	5	ND	6	7	.2	2	2	21	.11	.124	20	20	.26	66	.02	2	1.10	.01	.06	1	1
SO-CCH-756	1	18	34	117	.1	25	9	144	3.42	8	5	ND	8	5	.2	2	2	22	.05	.074	21	27	.40	89	.02	2	1.94	.01	.08	1	4
SO-CCH-757	1	25	40	105	.3	25	8	159	4.00	9	5	ND	9	5	.2	2	2	22	.04	.112	23	29	.48	78	.02	2	1.75	.01	.07	1	1
SO-CCH-758	1	19	21	81	.2	21	7	167	4.02	12	5	ND	8	4	.2	2	2	25	.04	.070	24	26	.40	62	.02	2	1.52	.01	.06	1	1
SO-CCH-759	1	11	17	52	.1	13	4	109	2.35	11	5	ND	7	4	.2	2	2	22	.03	.060	30	16	.28	48	.02	2	1.05	.01	.05	1	2
SO-CCH-760	1	18	21	131	.3	29	11	188	3.87	5	5	ND	10	5	.4	2	2	22	.03	.059	30	28	.50	68	.01	2	2.18	.01	.05	1	5
SO-CCH-761	1	10	10	49	.1	11	4	200	2.03	5	5	ND	7	4	.2	2	2	24	.03	.033	28	16	.17	59	.02	2	1.16	.01	.04	1	9
SO-CCH-762	1	31	25	92	.1	24	9	177	3.86	6	5	ND	10	7	.2	2	2	22	.03	.077	32	27	.43	95	.01	2	2.05	.01	.07	1	7
SO-CCH-763	1	38	34	108	.1	32	15	338	3.51	15	5	ND	10	7	.2	2	2	17	.11	.050	31	28	.64	68	.02	2	1.55	.01	.09	1	1
SO-CCH-764	1	22	42	96	.4	23	6	153	4.36	27	5	ND	7	10	.3	2	2	25	.15	.184	22	32	.45	95	.02	2	1.45	.01	.07	1	2
SO-CCH-765	1	8	13	46	.1	10	4	102	1.44	4	5	ND	5	7	.2	2	2	10	.08	.031	31	14	.30	60	.01	2	.79	.01	.03	1	5
RE SO-CCH-761	1	10	12	44	.1	10	4	187	1.88	7	5	ND	6	4	.2	2	2	22	.03	.030	25	14	.16	56	.02	2	1.07	.01	.02	1	4
SO-CCH-766	1	24	34	108	.5	20	7	223	3.80	12	5	ND	7	8	.2	2	2	20	.09	.069	24	28	.52	78	.02	2	1.53	.01	.06	1	1
SO-CCH-767	1	16	22	76	.2	19	7	219	2.37	7	5	ND	6	7	.2	2	2	19	.08	.045	27	29	.55	84	.01	2	1.42	.01	.08	1	10
SO-CCH-768	1	25	20	62	1.1	26	5	105	1.65	6	5	ND	4	12	.3	2	2	16	.16	.063	38	30	.42	128	.01	2	1.48	.01	.12	1	4
SO-CCH-769	1	25	28	78	.2	36	8	148	2.84	23	5	ND	4	11	.2	2	2	24	.19	.064	30	35	.60	94	.02	2	1.46	.01	.09	1	6
SO-CCH-770	1	45	30	105	.9	38	8	192	2.91	6	5	ND	3	12	.4	2	2	23	.14	.070	41	36	.59	139	.01	2	2.06	.01	.13	1	10
SO-CCH-771	1	51	34	131	1.1	44	11	331	4.16	13	5	ND	3	14	.6	2	2	29	.14	.077	48	41	.73	151	.01	2	2.30	.01	.18	1	1
STANDARD C\AU-S	19	59	39	134	7.6	77	32	1072	3.96	42	20	8	39	52	19.0	15	21	59	.50	.088	40	61	.91	182	.08	34	1.95	.08	.16	10	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
SO-CCH-772	1	41	30	112	.8	37	8	208	3.54	10	5	ND	4	11	.2	2	2	21	.09	.064	48	35	.63	120	.01	2	2.03	.01	.14	2	2
SO-CCH-773	1	80	43	171	1.6	51	20	805	5.49	20	8	ND	6	14	.2	2	2	26	.12	.083	49	39	.65	119	.01	2	2.34	.01	.17	1	13
SO-CCH-774	1	52	41	148	.7	40	14	517	4.98	13	7	ND	6	11	.2	2	2	22	.09	.068	44	34	.72	101	.01	2	2.23	.01	.13	1	6
SO-CCH-775	1	51	29	153	.6	42	15	640	4.91	11	10	ND	6	10	.2	5	2	22	.09	.077	54	36	.76	107	.01	2	2.34	.01	.15	1	1
SO-CCH-776	1	34	25	109	.7	30	9	344	3.88	10	5	ND	4	9	.2	2	2	20	.10	.044	31	31	.68	73	.02	2	1.78	.01	.10	1	6
SO-CCH-777	1	86	35	173	.9	62	16	496	5.33	24	6	ND	4	14	.2	2	2	30	.15	.080	60	45	.84	145	.02	2	2.74	.01	.15	1	13
SO-CCH-778	1	87	45	160	1.1	64	14	431	5.34	26	11	ND	4	16	.2	2	3	30	.17	.074	73	42	.66	120	.02	2	2.21	.01	.15	1	6
SO-CCH-779	1	27	28	95	.5	24	7	223	3.20	13	5	ND	3	17	.2	2	2	24	.28	.061	28	29	.51	113	.01	2	1.51	.01	.10	1	1
SO-CCH-780	1	21	20	127	.3	18	6	147	4.59	20	5	ND	6	7	.2	2	2	21	.07	.086	21	25	.38	101	.01	2	1.55	.01	.07	1	3
SO-CCH-781	1	14	15	50	.4	11	4	111	1.59	8	5	ND	3	9	.2	2	2	13	.08	.029	22	11	.18	60	.02	2	.69	.01	.05	1	3
SO-CCH-782	1	47	47	130	.4	40	19	545	4.12	28	6	ND	8	17	.2	2	2	18	.25	.072	30	29	.58	78	.02	2	1.47	.01	.12	1	1
SO-CCH-783	1	59	55	111	.3	41	21	972	3.98	23	5	ND	12	17	.2	2	2	14	.27	.080	37	24	.60	64	.02	2	1.27	.01	.10	1	37
SO-CCH-784	1	52	134	209	.2	54	32	576	8.36	68	6	ND	11	24	.2	2	2	29	.27	.058	28	35	.75	97	.03	2	2.36	.01	.12	1	18
RE SO-CCH-789	1	57	71	143	1.8	48	15	795	4.68	24	23	ND	8	42	.3	2	2	20	.57	.070	68	34	.61	151	.01	2	2.57	.01	.22	1	1
SO-CCH-785	1	17	16	73	.2	20	6	172	3.14	10	5	ND	5	8	.2	2	2	14	.10	.027	22	22	.50	57	.02	2	1.20	.01	.08	1	3
SO-CCH-786	2	102	105	184	4.2	93	20	1032	4.90	32	315	ND	7	184	1.2	2	4	20	2.31	.107	237	30	.65	185	.01	3	3.41	.03	.23	1	9
SO-CCH-787	1	46	47	114	.5	31	11	523	3.54	18	11	ND	5	19	.4	2	2	20	.19	.040	34	30	.52	132	.01	2	1.65	.01	.14	1	48
SO-CCH-788	1	65	59	125	1.1	44	14	719	4.13	22	22	ND	6	28	.5	2	2	20	.39	.062	56	31	.52	134	.02	2	1.82	.01	.17	1	10
SO-CCH-789	1	55	67	135	1.7	48	15	774	4.39	24	23	ND	8	40	.4	2	2	19	.55	.067	67	33	.58	149	.01	2	2.47	.01	.22	1	5
SO-CCH-790	1	30	28	112	.6	31	11	309	3.68	15	5	ND	5	16	.2	2	2	18	.22	.040	30	31	.61	90	.02	2	1.57	.01	.12	1	17
SO-CCH-791	1	57	45	116	1.0	43	14	515	4.39	18	8	ND	10	30	.6	2	2	21	.43	.049	37	34	.65	139	.02	2	2.19	.01	.18	2	7
SO-CCH-792	1	44	48	108	.6	39	15	660	3.69	10	11	ND	7	26	.3	2	2	16	.39	.049	68	28	.55	120	.01	2	2.00	.01	.16	1	7
SO-CCH-793	1	79	58	114	1.0	54	20	763	4.49	13	45	ND	12	30	.2	2	2	20	.37	.038	137	34	.61	133	.01	2	2.56	.01	.21	1	10
SO-CCH-794	1	15	24	80	.1	20	10	382	2.86	5	5	ND	6	9	.2	2	2	17	.10	.022	33	24	.47	91	.02	2	1.44	.01	.09	1	4
SO-CCH-795	1	7	14	38	.2	9	4	299	1.41	5	5	ND	4	5	.2	3	2	12	.06	.034	24	9	.16	50	.02	2	.74	.01	.07	1	4
SO-CCH-796	1	16	34	89	.2	21	7	204	4.96	9	5	ND	8	5	.2	2	2	18	.06	.136	23	27	.54	58	.01	2	1.57	.01	.09	1	8
SO-CCH-797	1	27	18	104	.2	28	10	314	6.32	17	5	ND	8	6	.2	2	2	23	.06	.128	21	29	.65	72	.01	2	2.09	.01	.06	1	4
SO-CCH-798	1	10	14	36	.2	7	3	75	1.69	2	5	ND	3	6	.2	2	3	20	.06	.029	19	13	.08	52	.02	2	.95	.01	.05	1	14
SO-CCH-799	1	7	14	55	.2	11	4	118	2.33	4	5	ND	3	6	.2	2	2	20	.09	.059	22	13	.26	63	.02	2	1.05	.01	.07	1	3
SO-CCH-800	1	27	24	117	.3	32	18	494	4.06	8	5	ND	6	8	.2	2	2	19	.11	.074	26	28	.60	105	.01	2	1.92	.01	.09	1	1
SO-CCH-801	1	56	29	147	.6	46	12	437	3.69	6	11	ND	5	26	.4	2	2	22	.49	.059	88	25	.44	118	.01	2	2.14	.01	.13	1	5
SO-CCH-802	1	110	57	226	1.8	119	39	875	5.99	23	26	ND	12	29	.2	2	3	22	.55	.104	197	31	.59	147	.01	2	3.09	.01	.19	1	5
SO-CCH-803	1	75	42	172	1.2	79	19	769	4.68	17	15	ND	8	21	.2	2	3	22	.39	.049	104	29	.47	128	.01	2	2.40	.01	.13	1	6
SO-CCH-804	1	50	36	199	.8	48	13	1222	3.48	12	5	ND	3	23	1.1	2	2	18	.57	.066	48	24	.44	134	.01	2	1.73	.01	.16	1	8
SO-CCH-805	1	10	16	64	.3	16	6	187	2.91	5	5	ND	4	8	.2	2	2	18	.08	.037	21	20	.36	63	.01	2	1.36	.01	.05	1	9
SO-CCH-806	1	21	28	105	.1	24	7	237	3.72	12	5	ND	5	6	.2	2	2	20	.05	.037	22	23	.47	85	.02	2	1.51	.01	.10	1	5
SO-CCH-807	1	24	20	98	.6	19	7	226	5.57	12	5	ND	7	5	.2	2	2	24	.03	.099	22	27	.51	31	.02	2	1.59	.01	.04	1	4
STANDARD C/AU-S	18	57	39	129	7.4	71	31	1030	3.96	39	17	7	38	51	18.2	15	19	55	.50	.084	38	57	.90	191	.08	35	1.99	.08	.16	10	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
SO-CCH-808	1	22	14	61	.5	16	8	439	2.54	8	5	ND	6	7	.6	2	2	18	.13	.067	19	21	.20	42	.01	4	1.11	.01	.04	2	10
SO-CCH-809	1	41	22	158	.9	39	20	410	5.29	12	5	ND	11	6	.4	2	2	22	.03	.085	24	45	.85	61	.01	2	3.03	.01	.05	1	7
SO-CCH-810	1	3	8	17	.2	4	2	46	.65	2	5	ND	3	4	.2	2	2	12	.03	.017	22	10	.04	28	.01	3	.90	.01	.03	1	5
SO-CCH-811	1	34	28	103	.4	34	12	247	4.73	14	5	ND	10	6	.2	2	2	21	.03	.104	29	35	.52	46	.01	2	1.70	.01	.05	1	6
RE SO-CCH-815	1	10	20	53	.1	16	5	283	2.95	7	5	ND	6	6	.2	2	2	21	.07	.085	25	24	.24	83	.01	2	1.17	.01	.07	1	5
SO-CCH-812	1	34	25	114	.1	31	13	362	5.64	10	5	ND	12	5	.2	4	2	20	.02	.083	28	43	.64	52	.01	2	2.18	.01	.06	1	10
SO-CCH-813	1	38	22	134	.2	39	13	343	5.24	9	5	ND	10	6	.2	2	2	21	.05	.093	31	36	.55	56	.01	2	1.79	.01	.05	1	5
SO-CCH-814	1	23	11	108	.1	37	15	525	5.23	2	5	ND	13	13	.2	2	2	25	.16	.042	51	40	.93	82	.01	2	2.43	.01	.09	1	7
SO-CCH-815	1	10	17	50	.1	15	5	269	2.81	9	5	ND	6	6	.2	2	2	20	.07	.080	24	26	.23	79	.01	2	1.12	.01	.07	1	8
SO-CCH-816	1	8	15	41	.1	11	4	104	2.15	7	5	ND	6	4	.2	3	2	21	.02	.019	24	15	.15	21	.03	2	.80	.01	.05	1	3
SO-CCH-817	1	13	18	62	.1	18	7	181	3.44	13	5	ND	7	5	.2	2	2	19	.04	.067	26	29	.27	44	.02	2	1.38	.01	.05	1	3
SO-CCH-818	1	18	25	111	.5	22	9	271	4.18	17	5	ND	7	8	.2	2	2	22	.10	.130	22	34	.23	84	.02	2	1.79	.01	.05	1	2
SO-CCH-819	1	35	37	97	.2	33	12	317	4.11	17	5	ND	10	8	.2	2	2	22	.09	.052	28	39	.70	65	.02	2	1.87	.01	.10	1	9
SO-CCH-820	1	17	22	85	.3	20	9	322	3.26	10	5	ND	7	6	.2	2	2	21	.07	.075	24	30	.26	65	.02	2	1.44	.01	.06	1	3
SO-CCH-821	1	3	11	16	.1	3	1	27	.59	2	5	ND	4	6	.2	2	2	10	.06	.011	24	6	.03	37	.02	2	.60	.01	.03	1	9
SO-CCH-822	1	42	61	127	.9	35	14	603	3.45	16	13	ND	7	45	.2	2	2	21	.56	.056	46	41	.50	118	.01	2	1.91	.01	.12	1	7
SO-CCH-823	1	19	33	96	.2	19	8	249	3.05	8	5	ND	7	9	.2	2	2	17	.08	.039	28	25	.29	60	.01	2	1.32	.01	.06	1	11
SO-CCH-824	1	19	28	107	.3	20	8	309	2.97	10	5	ND	5	11	.2	2	2	18	.16	.091	23	29	.25	85	.02	2	1.26	.01	.06	1	3
SO-CCH-825	1	20	31	148	.6	24	9	258	4.34	8	5	ND	8	8	.5	4	2	19	.08	.085	28	37	.54	78	.01	2	2.06	.01	.06	1	5
SO-CCH-826	1	108	45	218	1.6	84	17	512	2.68	15	70	ND	8	156	1.1	2	2	17	2.30	.127	101	38	.60	162	.01	3	2.85	.01	.12	1	2
SO-CCH-827	1	48	42	144	.4	39	18	720	3.82	20	5	ND	8	23	.2	2	2	18	.36	.111	29	33	.52	121	.02	2	1.50	.01	.10	1	5
STANDARD C/AU-S	18	62	42	131	7.2	73	31	1122	3.96	41	19	7	40	52	17.1	14	21	58	.49	.085	39	59	.94	183	.08	35	2.00	.07	.14	10	49

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
SS-CCH-100	1	16	20	121	.1	34	20	3363	4.17	14	5	ND	6	10	.2	2	2	17	.19	.042	21	21	.52	96	.01	2	1.24	.01	.05	1	7
SS-CCH-101	1	18	17	73	.1	22	11	851	2.14	9	5	ND	4	12	.2	2	2	12	.22	.046	20	16	.19	46	.02	2	.77	.01	.05	1	7
SS-CCH-102	1	19	15	81	.1	32	14	767	3.44	10	5	ND	7	12	.2	2	2	13	.18	.038	21	28	.59	46	.01	2	1.32	.01	.05	1	1
SS-CCH-103	1	53	29	118	.1	41	14	627	3.54	26	5	ND	7	25	.3	2	2	20	.44	.105	15	35	.65	103	.03	2	1.18	.01	.07	1	14
RE SS-CCH-103	1	52	29	119	.1	40	14	623	3.58	26	5	ND	6	25	.4	2	2	20	.44	.106	16	35	.68	103	.03	2	1.18	.01	.08	1	-

Sample type: SILT. Samples beginning 'RE' are duplicate samples.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: RIO ALGOM EXPLORATION INC.
P.O. BOX 10335, PACIFIC CENTRE
1650 - 609 GRANVILLE ST.
VANCOUVER, BC
V7Y 1G5

Project : 9129
Comments: CC: W.DONALDSON

Page Number :1-A
Total Pages :1
Certificate Date: 29-SEP-92
Invoice No. :I9221745
P.O. Number :
Account :GZ

CERTIFICATE OF ANALYSIS A9221745

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
15309	205 274	30	< 0.2	8.77	730	1.0	< 2	0.10	< 0.5	4	147	19	4.28	3.14	0.70
15310	205 274	65	< 0.2	9.82	1210	1.0	< 2	0.04	< 0.5	18	190	45	5.09	3.41	0.87
15311	205 274	15	< 0.2	7.81	720	0.5	< 2	0.08	< 0.5	11	131	21	5.83	2.50	1.23
15312	205 274	85	< 0.2	9.68	1480	0.5	2	0.11	0.5	18	135	31	6.05	3.09	0.94
15313	205 274	60	< 0.2	9.40	1040	0.5	6	0.14	< 0.5	19	140	21	4.79	3.23	1.22
15314	205 274	10	< 0.2	6.46	1540	0.5	< 2	0.12	< 0.5	3	93	1	1.83	3.08	0.35
15315	205 274	< 5	< 0.2	5.02	890	0.5	2	0.12	< 0.5	8	147	50	2.80	1.76	0.71
15316	205 274	25	< 0.2	6.65	540	0.5	< 2	0.16	< 0.5	4	94	4	1.34	3.43	0.27
15317	205 274	30	< 0.2	6.66	620	0.5	< 2	0.40	< 0.5	3	99	1	1.35	3.30	0.51

CERTIFICATION: Jhai D'Mar

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

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VANCOUVER, BC
V7Y 1G5

Project : 9129
Comments: CC: W.DONALDSON

Page Number :1-B
Total Pages :1
Certificate Date: 29-SEP-92
Invoice No. :I9221745
P.O. Number :
Account :GZ

CERTIFICATE OF ANALYSIS A9221745

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
15309	205	274	195	3	0.33	19	600	28	54	0.23	81	< 10	104			
15310	205	274	715	3	0.35	37	590	24	60	0.32	86	< 10	112			
15311	205	274	515	3	0.47	20	630	12	53	0.34	70	< 10	100			
15312	205	274	925	1	0.37	31	590	12	66	0.20	86	< 10	128			
15313	205	274	435	1	0.49	38	740	< 2	60	0.17	86	< 10	66			
15314	205	274	160	< 1	1.19	4	700	4	56	0.10	4	< 10	30			
15315	205	274	320	1	0.21	23	530	< 2	22	0.14	44	< 10	40			
15316	205	274	250	< 1	1.72	7	770	26	49	0.11	7	< 10	42			
15317	205	274	170	< 1	1.81	5	730	8	90	0.15	8	< 10	26			

CERTIFICATION: Jhai D'Ma

APPENDIX III

ROCK SAMPLE DESCRIPTIONS

APPENDIX III - ROCK SAMPLE DESCRIPTIONS

15309	Chlorite Schist 3% fine disseminated pyrite	Outcrop, grab
15310	Chlorite Schist 2% disseminated pyrite, 5% quartz veins	Outcrop, grab
15311	Quartz-Chlorite Schist 1% fine disseminated pyrite, 1% quartz veining	Outcrop, grab
15312	Sericite-Albite-Talc Schist trace pyrite	Outcrop, grab
15313	Chlorite Schist trace pyrite	Outcrop, grab
15314	Quesnel Lake Granite Orthogneiss character sample	Outcrop, grab
15315	Chlorite Schist 1% fine disseminated pyrite, 2% quartz veins	Outcrop, grab
15316	Quesnel Lake Granite Orthogneiss trace pyrite	Outcrop, grab
15317	Quesnel Lake Granite Orthogneiss trace pyrite, minor quartz veins	Outcrop, grab

PROPERTY OUTLINE

CARIBOO LAKE

CREEK

WILBY

CARIBOO RIVER

Road

3000

3500

4000

4500

CCH 1

CCH 2

CCH 3

CCH 5

CCH 6

CCH 7

CCH 8

CCH 9

CCH 10

QLG

LAM

QCS

QSS

SAT

CS

SS

LEGEND

LAM TERTIARY
Lamprophyre dyke

QLG PALEOZOIC
Quesnel Lake gneiss

PALEOZOIC
Snowshoe Group
Harveys Ridge Succession

SAT Sericite - albite - talc schist

SS Sericite schist

CS Chloritic schist

QCS Quartz - chlorite schist

QSS Quartz - sericite schist

Outcrop

Inferred outcrop

Contact

Bedding (strike, dip)

Foliation (,)

Lineation (azimuth, plunge)

Legal corner post or initial post

N

SCALE 1:10,000

0 100 200 400 800 METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,642

Rio Algom Exploration Inc.

CCH PROPERTY

GEOLOGY

NTS 93A - 11 CARIBOO M.D., B.C.

DATE	DRAWN BY	DWG.
OCT. 1992	W.S.D. /Chong	2

PROPERTY OUTLINE

CARIBOO LAKE

WILBY CREEK

CARIBOO RIVER

Road

3000

3500

4000

4500

33-CCH-103

33-CCH-100

33-CCH-101

33-CCH-102

CCH 1

CCH 2

CCH 3

CCH 4

CCH 5

CCH 6

CCH 7

CCH 8

X 15317

X 15316

X 15315

X 15314

X 15313

X 15312

X 15311

X 15310

X 15309

X 15308

X 15307

X 15306

X 15305

X 15304

X 15303

X 15302

X 15301

X 15300

X ROCK SAMPLE

o SILT SAMPLE

—— SOIL SAMPLE (Prefix SO-CCHXXX; 700,800 series)

N

SCALE 1:10,000

0 100 200 400 800 METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,642

Rio Algom Exploration Inc.

CCH PROPERTY

SAMPLE NUMBER MAP

NTS 93A - 11		CARIBOO M.D., B.C.
DATE	DRAWN BY	DWG.
OCT. 1992	W.S.D. /Chong	3

PROPERTY OUTLINE

CARIBOO

LAKE

CCH 1

CCH 2

CCH 3

CCH 4

CCH 5

CCH 6

CCH 7

CCH 8

CCH 9

Road

Road

Road

WILSON CREEK

CARIBOO RIVER

3000

3500

4000

4500

118,29

28,8

42,26

66,12

40,14

100,12

121,20

104,28

73,17

81,15

R	ROCK SAMPLE
o	SILT SAMPLE
——	SOIL SAMPLE
146,26	ZINC, LEAD (ppm)

SCALE 1:10,000

0 100 200 400 800 METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,642

Rio Algom Exploration Inc.

CCH PROPERTY

ZINC and LEAD in ppm

NTS 93A - 11 CARIBOO M.D., B.C.

DATE	DRAWN BY	DWG.
OCT. 1982	W.S.D. /Cheng	4