PROSPECTOR'S REPORT

ON THE SUN CLAIM

LIARD MINING DIVISION
BRITISH COLUMBIA, CANADA
NTS MAP SHEET 104I/16

CENTRED AT LATITUDE: 50° 47' 45"N,
LONGITUDE: 128° 22' 33" W
WORK PERFORMED: AUG. 20 - 25, 1996

FOR:

CUSAC GOLD MINES LTD.,
DEMAND GOLD LTD. AND
PACIFIC BAY MINERALS LTD.
#908 - 700 W. PENDER STREET
VANCOUVER, B.C. V6C 1G8

FRANCIS MOYLE, B.Sc.

MARCH, 1997

SUN PROPERTY
TABLE OF CONTENTS

PAGE #

SUN PROPERTY

PAGE #

LIST OF FIGURES:

LIST OF TABLES:

LIST OF APPENDICES:

LIST OF MAPS:

SUN PROPERTY
PROSPECTOR'S REPORT - PAGE 1

1.0 SUMMARY

The Sun property comprises 15 units located approximately 150 kilometres southeast of Watson Lake, Yukon. Access to the property is via helicopter from Dease Lake or Watson Lake.

The property is located in the Cry Lake map area in north-central British Columbia and lies approximately 6 km. northwest of Blue Sheep Lake. The property covers an area of high relief with excellent bedrock exposure. The claim is underlain by marine Devonian to Mississippian carbonates and shales. The Earn Group shales are believed to be the ore-bearing source rock and strike in a north-south direction.

A review of all available information indicates that the area has experienced little prospecting, probably due to the remoteness of the area. No large economic mineral occurrences are reported within the immediate area.

The 1996 exploration program consisted of helicopter supported reconnaissance prospecting, geological mapping, rock chip, stream silt and soil sampling with the objective of evaluating the property's potential for hosting economic base metal deposits. Reconnaissance prospecting and geochemical sampling indicated that the sulphide mineralization is restricted to the Earn Group shales. Geochemical analysis of rock chip, silt and soil samples yielded elevated to anomalous values for Zn, Ba, Cd, Pb, Ni, Cu and Co. A stream sediment sample at the contact with the Earn Group shales returned anomalous values for Zn (6,739 ppm), Ni (1,658 ppm), Co (307 ppm), Cu (185 ppm), Cd (159.7) and Ba (1,955 ppm).

2.0 INTRODUCTION:

The Cry Lake Syndicate conducted a field exploration program on the Sun property located in the Cry Lake Map area of north-central British Columbia. Exploration was performed by a 2-man crew based out of Boulder City on the Tournagain River.

The objective of this program was to evaluate the property's economic potential through follow-up exploration on a geochemical anomaly delineated by the 1996 Cry Lake regional geochemical survey, as well as to provide reconnaissance coverage throughout the property. The 1996 program was conducted during the period of August 20 to August 25 1996 and included detailed geological mapping, prospecting and rock, silt and soil sampling.

A total of 28 rock grab, float and chip samples, 19 soil samples and 34 silt samples were collected from the claim area. Geological and geochemical data were compiled on 1:10,000 scale contour maps.

SUN PROPERTY
PROSPECTOR'S REPORT - PAGE 2

All geochemical samples were shipped to Acme Analytical Labs in Vancouver for geochemical analysis, utilizing the 32 element ICP method. Analytical procedures are described in Appendix III and analytical results are presented in Appendix IV.

2.1 Location and Access:

The Sun property is located in north-central British Columbia approximately 150 km southeast of Watson Lake, Yukon (Figure 1). The claims are situated within the NTS map sheet 104I/16W and centered about 58° 47' 45"N latitude and 128° 22' 30"W longitude. Access to the property is via helicopter from Dease Lake, B.C. or Watson Lake, Yukon.

2.2 Physiography, Vegetation and Climate:

The Sun property is located within the Cassiar Mountains physiographic division which is characterized by moderate to steep mountainous ranges and broad forested valleys. The property lies along the Omineca Tectonic Belt within the Kechika range which has relief up to 750 metres. Excellent bedrock exposures exist within the claim area owing to the altitude being mostly above treeline.

Forests of spruce and balsam generally cover most of the region with lodge pole pine at lower elevations. Precipitation is moderate, averaging 50-60 cm. per annum with temperatures ranging between -35° C and 30° C. The climate is continental type with warm summers and long, cold winters characterized by moderate to heavy snowfall between 3-4 metres.

2.3 Property Status and Ownership:

The Sun property (Figure 2) consists of 1 claim of 15 units located within the Liard Mining Division. The claims were staked by Francis Moyle for Cusac Gold Mines Ltd. The property is owned by 3 separate companies, Cusac Gold Mines Ltd. (33.3%), Demand Gold Ltd. (33.3%) and Pacific Bay Minerals Ltd. (33.3%) which all form the Cry Lake Syndicate. Relevant claims data are tabulated in Table 1.

Table 1 - Sun Property Claim Status

Claim Name	*No. of Units*	*Record #*	*Recording Date*	*Expiry Date*
SUN	15	347662	July 6, 1996	July 6, 2001

SCALE 1:10,000,000

100 0 100 200 Km

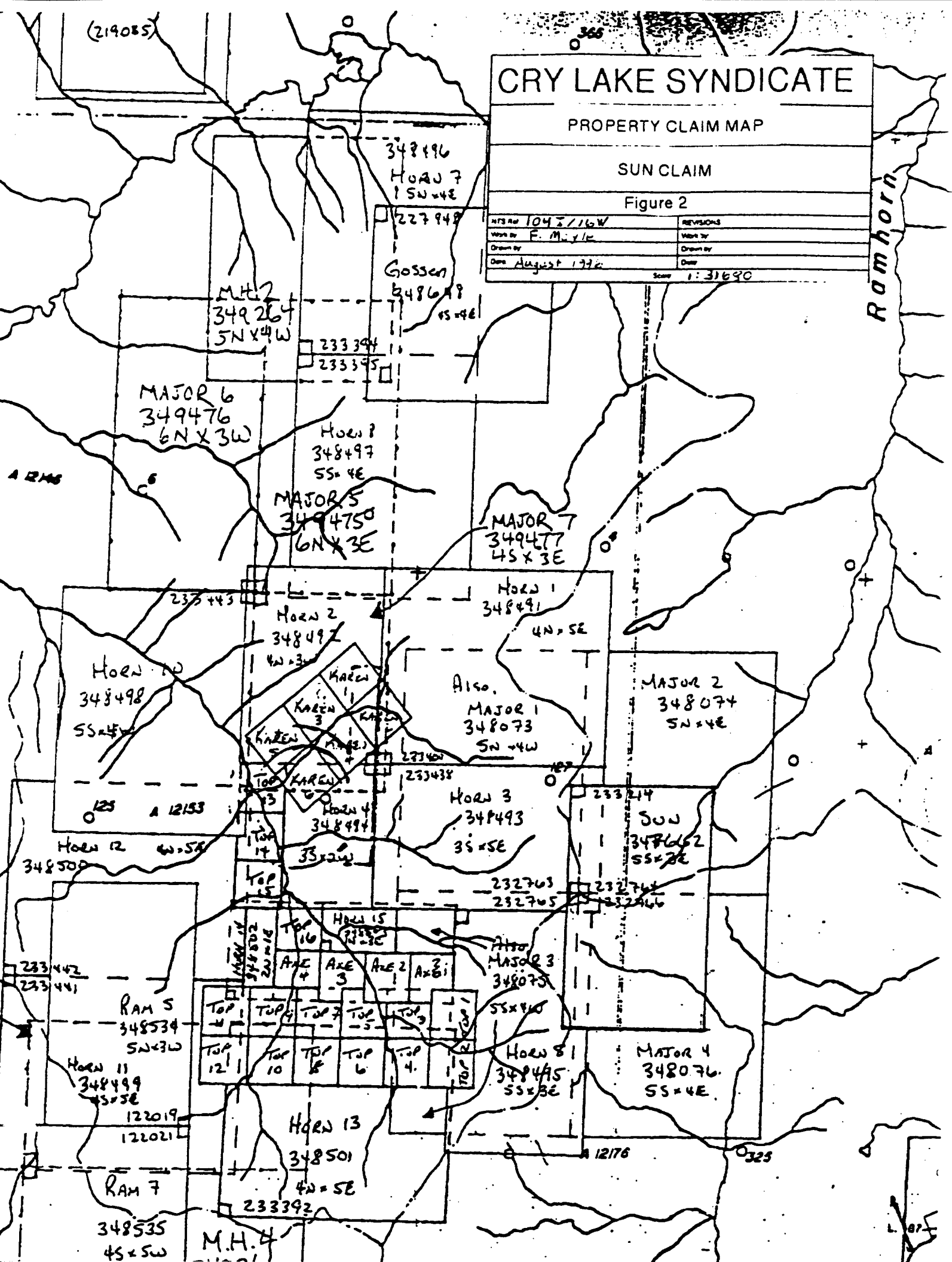
CRY LAKE SYNDICATE

SUN PROPERTY

LOCATION MAP

NTS	104I/16W
Work by	E. Mayle
Drawn by	E. Mayle
Date	August 1996
Revisions	
Work by	
Drawn by	
Date	

Figure 1


CRY LAKE SYNDICATE
PROPERTY CLAIM MAP
SUN CLAIM
Figure 2
NTS No 104 I/16W
Work by F. Mayle
Drawn by
Date August 1986
Scale 1:31680
REVISIONS
Work by
Drawn by
Date
Ramhorn
348496
HORN 7
1 SW x 4E
227948
Gossen
348618
4S x 4E
MH 2
349264
5N x 4W
233394
233395
MAJOR 6
349476
6N x 3W
HORN 8
348497
5S x 4E
MAJOR 5
349475
6N x 3E
MAJOR 7
349477
4S x 3E
233443
HORN 1
348491
4N x 5E
HORN 2
348492
4N x 4E
HORN 9
348498
5S x 4E
KAREN 1
KAREN 2
KAREN 3
KAREN 4
KAREN 5
KAREN 6
Alco.
MAJOR 1
348073
5N x 4W
MAJOR 2
348074
5N x 4E
233438
HORN 3
348493
3S x 5E
HORN 4
348494
HORN 12
348500
4N x 5E
TOP 14
TOP 15
33 x 2W
232763
232765
232764
232766
SUN
348662
5S x 3E
233214
HORN 15
TOP 16
AXE 4
AXE 3
AXE 2
AXE 1
MAJOR 3
348075
5S x 4W
233442
233441
RAM 5
348534
5N x 3W
TOP 11
TOP 9
TOP 7
TOP 5
TOP 3
TOP 1
TOP 12
TOP 10
TOP 8
TOP 6
TOP 4
TOP 2
HORN 11
348499
4S x 5E
HORN 81
348495
5S x 3E
MAJOR 4
348076
5S x 4E
122019
122021
HORN 13
348501
4N x 5E
233392
RAM 7
348535
4S x 5W
M.H. 4
12176
325

3.0 EXPLORATION HISTORY:

3.1 Regional History:

The area has had limited prospecting and study in the past. Dr. H. Gabrielse has done some regional mapping of the area and contributed his accumulated work to the 1996 B.C. Government geochemical survey. Ten kilometres to the east of Blue Sheep Lake, a silver, copper and quartz vein showing outcrops within the Rosella limestones of the Atan Group on the Winco claim. On the northeast end of Blue Sheep Lake, another silver, lead and zinc showing occurs within the Rosella limestones, 6 kilometres southeast of the Sun property. The remoteness of the area has led to little prospecting, however, the strong Zn and Ba signatures from the 1996 geochemical survey has drawn much attention to the area.

3.2 Property History:

Prior to 1996, the ground was previously staked by the Quebec Cartier Mining Company on April 29, 1977.

4.0 GEOLOGY:

4.1 Property Geology:

The Sun property was geologically mapped and lithogechemically sampled along with silt and soil samples by Cry Lake Syndicate personnel and these data were plotted on 1:10,000 scale contour maps. Approximately 80% of the property contains good outcrop exposures.

4.2 Lithologies:

Geological mapping on the Sun property has identified the primary lithologies underlying the claim as a package of Earn Group shales and McDame limestones (Table 2). The Earn Group lithology at the Sun property includes black slate with siliciclastic components of gray to black chert and argillaceous chert. The black slates tend to have a greenish stain along cleavage faces. The Earn Group occurs within the Selwyn basin and its southerly extension, the Kechika Trough. Large economically important sedimentary exhalative (SEDEX) zinc-lead masive sulphide and bedded barite deposits occur in basinal clastic rocks of the Devono-Mississippian Earn Group within the northern Canadian Cordillera. Sedimentological and paleontological evidence indicates that the Earn Group deposits formed in tilted half-grabens along the rifted continental margin of ancestral North America.

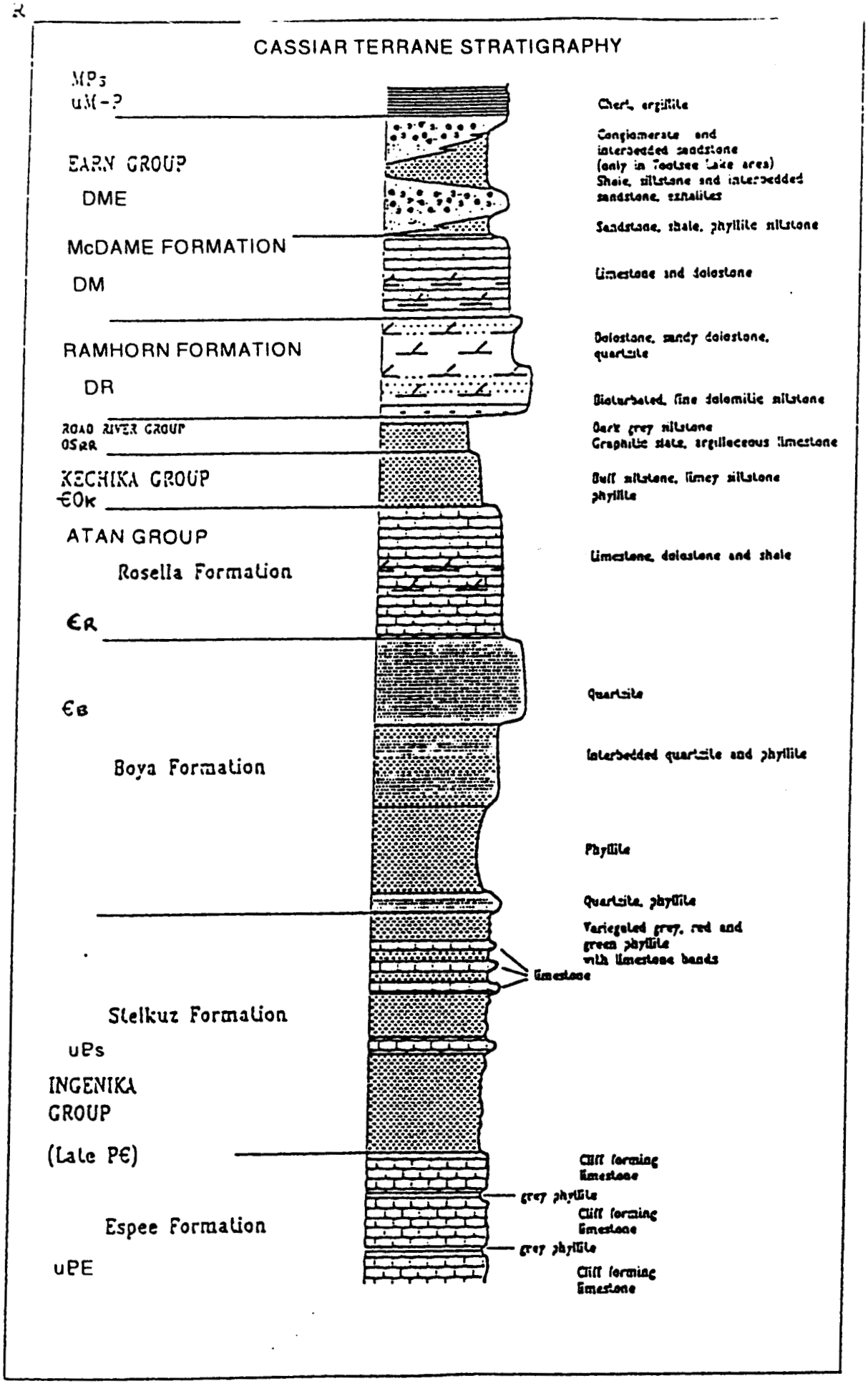


TABLE 2

TABLE OF FORMATIONS

The McDame group consists of dolostone and lesser limestone. Dark grey laminated to massive, commonly fetid dolostone is overlain by dark gray, locally platy, partly dolomitized limestone containing abundant fossiliferous beds. The presence of amphipora, algal laminae and stromatolites indicates a shallow-water subtidal to intertidal lagoonal environment. The McDame Group comprises middle to upper(?) Devonian reefal-lagoonal carbonate and is the host rock for the Midway manto deposit further north in the Tootsee lake map area.

The host rock for base metal deposits are typically carbonaceous cherty argillites and distal turbidites of the Lower Earn Group. The composition of these rocks indicates a starved, anoxic depositional environment. In the southern Kechika Trough, carbonate reefs developed along uplifted edges of tilted fault blocks. The onset of tectonic activity may have triggered exhalation of heated metaliferous brines and the development of growth faults. The timing of exhalative activity is roughly coincident with the end of starved basin sedimentation.

5.0 1996 EXPLORATION PROGRAM:

5.1 Geological Mapping:

Approximately 80% of the property was evaluated by geological mapping, prospecting and random rock, silt and soil sampling.

5.2 Geochemistry:

5.2.1 Sampling Procedure:

A total of 28 rock grab, float and chip samples, 19 soil samples and 34 silt samples were collected from the 1996 property evaluation program. Rock grab and chip samples were collected from outcrop exposures exhibiting favourable characteristics such as gossanous staining, sulphide content, shearing and alteration. Rock specimens were placed in marked plastic bags. All sample sites were marked with a fluorescent ribbon displaying the corresponding sample code. Silt samples were collected every 30-50 metres along creeks flowing through the claim block.

The silt samples were placed in marked plastic bags and the sample sites were marked with fluorescent ribbon displaying the corresponding sample code. Soil samples were randomly taken at locations exhibiting favourable characteristics such as gossanous staining, faulting, shearing and exposed lithological contacts. The majority of the soils collected appeared to have residual character and probably developed in situ. Glacial and glaciofluvial material is rare and bedrock generally occurs less than one metre from the surface. The soil samples were placed in marked paper soil bags and the sample sites were marked with fluorescent ribbon displaying the corresponding sample code. Analytical results are presented in Appendix IV and geochemical values are plotted on maps 2, 3 and 4. Ground control for mapping and sampling was provided by altimeter, compass and topo chain and the field crew was supplied with 1:10,000s scale topo maps for plotting data.

5.2.2 Rock Geochemistry:

During the 1996 exploration program, 28 rock samples were collected. Analytical results are presented in Appendix IV and rock sample descriptions are recorded in Appendix V.

The majority of the rock samples were collected from areas of alteration, shearing, faulting and lithological contacts. Table 3 records anomalous values in Cu, Zn, Pb, Ag, Ni and Ba.

Table 3 - Lithogeochemical Analysis (1996)

Sample #	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Ni (ppm)	Ba (ppm)
FR 96-48	178	240	670	10.1	99	289
FR 96-53	8	4	5	<0.3	6	1,701
FR 96-54	143	19	449	<0.3	53	83
FR 96-07	608	3	136	11.4	12	1,417

5.2.3 Stream Silt Geochemistry:

During the 1996 exploration program, 34 stream silt samples were collected. Analytical results are presented in Appendix IV.

The stream silt samples were collected every 30-50 metres up streams flowing from the Sun property. Table 4 records anomalous values for Zn, Ni, Co, Cd and Ba.

Table 4 - Stream Silt Geochemical Analysis (1996)

Sample #	Zn (ppm)	Ni (ppm)	Co (ppm)	Cd (ppm)	Ba (ppm)
TW 96-01	1,226	228	23	15	1,468
TW 96-02	4,172	588	91	35	617
TW 96-04	3,278	522	61	27	1,040
TW 96-06	6,212	98	134	47	963
TW 96-15	6,739	1,658	307	159.7	1,955
TW 96-16	3,869	688	76	53.4	1,622

6.0 CONCLUSIONS:

Prospecting, Geological mapping, lithogeochemical sampling, soil and silt sampling were the focus of exploration activity on the Sun property during the 1996 reconnaissance program. Geological mapping has shown that the property covers an assemblage of north striking units of shale and carbonate of the Devono-Mississippian Earn Group and McDame Formation.

The Earn Group shales formed within a half graben along the rifted continental margin of ancestral North America. With the onset of tectonic activity during the end of Frasnian-Famennian time exhalation was triggered forming heated metalliferous brines interbedded with slump breccias and the appearance of post ore sedimentary sequences. The timing of the exhalative event roughly corresponds with the end of starved basin sedimentation and the beginning of a major tectonic event that greatly modified the pattern of continental margin sedimentation in the northern Cordillera. The host rocks for the SEDEX deposits in the Kechika Trough area are generally carbonaceous cherty argillites and distal turbidites of the Lower Earn Group. The high zinc and barite values found in the silt samples on the Sun property point toward a possible SEDEX vent source. The McDame carbonates on the Sun property is the same carbonate unit which hosts the manto-style deposits at the Midway property to the north. A similar style of manto deposit is plausible on the Sun property and warrants further explorational study.

7.0 RECOMMENDATIONS:

Analytical results from the 1996 geochemical soil/silt sampling program were excellent and point to the presence of a SEDEX-style base metal deposit of economic size and grade. Observations made during the program delineate two target areas with economic potential and warrant work comprised of the following:

1) A follow-up soil sampling program comprised of 2 grids 500m x 500m running over the high stream silt anomalous zones covering the Earn group thrust contacts should be initiated with samples taken at 25m intervals along 50m spaced grid lines.

2) A ground geophysical program should be initiated following the geochemical survey. The geophysical program should involve VLF-EM and possibly I.P. surveys in order to outline any fault structures and associated mineralization.

3) Diamond drilling is recommended for a Phase II exploration program contingent upon positive results from the geochemical and geophysical surveys.

8.0 REFERENCES:

Nelson, J.L., Bradford, J.A., 1993 Geology of the Midway-Cassiar Area, Northern British Columbia (104/0, 104/P). Mineral Resources Division, Geological Survey Branch.

Macintyre, D., Nelson, J.L., Devono-Mississippian SEDEX deposits of the northern Canadian Cordillera - a comparison of stratigraphic and structural settings. British Columbia Ministry of Energy, Mines and Petroleum Resources. Abstract (1994).

APPENDIX I

Itemized Cost Statement

ITEMIZED COST STATEMENT

FIELD COSTS:

Salaries	*Man Days*	*Cost/Manday*	*Total*
F. Moyle	5 days @	$190.00	$ 950.00
T. Dunk	5 days @	$135.00	$ 675.00
			$1,650.00

FIELD EXPENSES:

	Man Days	*Cost/Manday*	*Total*
Accommodation	5 days @	$ 40.00	$ 200.00
Meals	5 @	$ 40.00	$ 200.00
Helicopter Time	3 hours @	$750.00	$2,250.00
Helicopter Fuel			$ 210.00
Freight/Shipping			$ 107.00
Field Supplies & Materials			$ 50.00
TOTAL			$3,017.00

GEOCHEMICAL ANALYSIS:

	Samples	*Cost/Sample*	*Total*
Rock Samples (ICP)	28	$17.12	$ 547.84
Soil Samples (ICP)	19	$14.07	$ 267.33
Silt Samples (ICP)	34	$20.85	$ 708.90
TOTAL			$1,524.07

OFFICE COSTS:

Salaries	*Man Days*	*Cost/Manday*	*Total*
F. Moyle	5 days @	$165.00	$ 825.00
Autocad Digitizing			$ 650.00
TOTAL			$1,475.00

TOTAL EXPENDITURES **$7,666.07**

APPENDIX II

Summary of Personnel

SUMMARY OF PERSONNEL

The following personnel are credited with the field work on the Sun Property during the 1996 field season:

Francis Moyle
Tim Dunk

APENDIX III

Analytical Procedure

ACME ANALYTICAL LABORATORIES LTD.
Assaying and Trace Analysis
852 Hastings Street, Vancouver, BC V6A 1R6
Telephone: (604) 253-3158 Fax: (604) 253-1716

METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 1D - 30 ELEMENT ICP BY AQUA REGIA

Sample Preparation:

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 microns), rocks and drill core are crushed and pulverized to -100 mesh (-150 microns). Plant samples are dried (60°C) and pulverized or dry ashed (550°C). Moss-mat samples are dried (60°C), pounded to loosen trapped sediment then sieved to -80 mesh. At the clients request, moss mats can be ashed at 550°C then sieved to -80 mesh although this can result in the potential loss by volatilization of Hg, As, Sb, Bi and Cr. A 0.5 g split from each sample is placed in a test tube. A duplicate split is taken from 1 sample in each batch of 34 samples for monitoring precision. A sample standard is added to each batch of samples to monitor accuracy.

Sample Digestion:

Aqua Regia is a 3:1:2 mixture of ACS grade conc. HCl, conc. HNO_3 and demineralized H_2O. Aqua Regia is added to each sample and to the empty reagent blank test tube in each batch of samples. Sample solutions are heated for 1 hour in a boiling hot water bath (95°C).

Sample Analysis:

Sample solutions are aspirated into an ICP emission spectrograph (Jarrel Ash Atom Comp model 800 or 975) for the determination of 30 elements comprising: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Data Evaluation:

Raw and final data from the ICP-ES undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

ACME ANALYTICAL LABORATORIES LTD.
Assaying and Trace Analysis
852 Hastings Street, Vancouver, BC V6A 1R6
Telephone: (604) 253-3158 Fax: (604) 253-1716

METHOD FOR WET GEOCHEM GOLD ANALYSIS

Sample Preparation:

Soils and sediments are dried (60°C) and sieve to -80 mesh.

Rocks and cores are crushed and pulverized to -100 mesh.

Sample Digestion

1. 10g samples in 250 ml beaker, ignite at 600°C for four hours.
2. Add 40 ml of 3:1:2 mixture HCL:HNO_3:H_2O.
3. Cover beaker with lids.
4. Boil in hot water bath for one hour.
5. Swirl samples 2 to 3 times within the hour.
6. Cool, add 60 ml of distilled water and settle.
7. Pour 50 ml of leached solution using a graduated cylinder into 100 ml volumetric flask.
8. Add 10 ml of MIBK and 25 ml of distilled water.
9. Shake 3 to 4 minutes in shaker.
10. Add additional 25 ml of distilled water to stripe out excess iron.
11. Shake each flask 10 times.
12. Pour MIBK into container for graphite AA finished.

APPENDIX IV

Geochemical Lab Reports

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Cusac Gold Mines PROJECT SUN File # 96-4253 Page 1

908 - 700 W. Pender St., Vancouver BC V6C 1G8

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
FR96-45	2	4	13	13	<.3	7	1	31	.27	3	<5	<2	<2	4	.4	2	<2	2	.07	.002	<1	21	.04	110	<.01	3	.03	.01	<.01	6	1
FR96-46	2	1	29	229	<.3	38	<1	167	1.17	203	5	<2	<2	1195	.3	16	<2	6	39.84	.003	2	4	6.01	219	<.01	3	.02	.01	.01	<2	6
FR96-47	1	54	10	71	<.3	182	29	677	4.24	2	<5	<2	3	142	.6	<2	<2	132	2.44	.375	26	59	4.50	578	.25	16	1.49	.04	1.18	<2	1
FR96-48	60	178	240	672	10.1	99	4	83	19.60	167	<5	<2	6	20	1.8	64	2	73	.34	.051	9	13	.17	289	.01	8	.38	.01	.31	<2	24
FR96-49	2	7	9	52	<.3	25	1	152	2.54	7	<5	<2	<2	233	.9	6	<2	13	4.60	.013	2	15	1.91	50	<.01	4	.06	.01	.03	5	2
FR96-50	1	3	7	78	<.3	25	1	1067	.21	6	6	<2	<2	63	.5	4	<2	9	41.28	.003	2	3	.36	59	<.01	<3	.07	<.01	.03	<2	3
FR96-51	6	8	11	57	<.3	27	1	40	1.24	9	<5	<2	<2	10	<.2	2	<2	33	.43	.094	17	18	.05	121	<.01	7	.17	<.01	.12	4	2
FR96-52	2	225	4	116	7.2	19	3	79	1.11	22	<5	<2	<2	10	.4	135	<2	3	.26	.021	3	25	.01	26	<.01	<3	.06	.01	.02	7	1
FR96-53	2	8	4	5	<.3	6	2	22	.87	4	<5	<2	<2	13	<.2	3	2	3	.01	.016	1	22	.01	1701	<.01	3	.05	.01	.03	6	2
FR96-54	23	143	19	449	<.3	53	<1	81	23.14	41	<5	<2	6	32	<.2	14	6	43	.01	.619	2	43	.06	83	<.01	11	.38	<.01	.10	<2	7
FR96-55	1	3	12	13	<.3	23	2	248	.54	3	<5	<2	<2	451	.2	2	<2	54	22.66	.013	4	11	13.73	1368	<.01	6	.13	.01	.06	<2	2
FR96-56	2	3	5	111	<.3	14	<1	76	.52	<2	<5	<2	<2	54	1.5	<2	<2	25	2.78	.055	2	20	1.42	146	<.01	<3	.09	.01	.10	6	2
RE FR96-56	2	4	3	110	<.3	13	<1	76	.52	<2	<5	<2	<2	55	1.6	<2	<2	25	2.77	.055	2	22	1.41	137	<.01	<3	.09	.01	.10	7	1
FR96-57	30	22	9	127	.7	18	1	32	.86	62	5	<2	<2	19	2.7	6	<2	80	.46	.143	6	26	.13	129	<.01	9	.21	.01	.11	5	4
FR96-58	2	11	<3	6	<.3	7	1	110	.75	19	<5	<2	<2	5	<.2	<2	2	3	.02	.005	3	25	.02	457	<.01	3	.10	.01	.04	6	2
FR96-59	2	129	5	253	.6	8	<1	786	3.14	<2	<5	<2	<2	39	.6	<2	4	42	1.02	.037	2	19	.46	81	.25	244	.68	.02	.04	<2	5
FR96-60	2	23	7	19	<.3	12	2	260	.68	2	<5	<2	<2	47	<.2	<2	<2	3	.86	.006	4	26	.03	22	<.01	3	.08	.01	.02	8	1
TR96-01	1	61	4	84	<.3	163	31	782	5.15	381	<5	<2	6	170	.4	5	<2	138	4.86	.492	30	101	3.33	74	.27	22	1.28	.03	.97	<2	1
TR96-02	2	11	24	95	.3	33	2	246	.86	247	<5	<2	<2	74	.7	23	7	3	36.29	.013	6	3	.31	55	<.01	4	.11	.01	.10	<2	31
TR96-03	2	75	72	70	<.3	103	20	193	3.69	13	<5	<2	6	238	<.2	4	3	54	1.44	.570	27	49	.81	38	.02	8	1.08	.02	.39	2	3
TR96-04	2	19	9	13	<.3	10	1	49	.82	3	<5	<2	<2	10	<.2	<2	2	10	.08	.008	5	31	.07	605	<.01	3	.15	<.01	.05	6	1
TR96-05	15	131	31	198	.5	34	<1	99	15.79	22	<5	<2	12	38	<.2	7	7	36	.18	.399	8	38	.06	102	<.01	11	.47	.01	.18	2	4
TR96-06	2	4	23	52	<.3	6	1	89	.71	341	7	<2	12	5	.2	2	2	1	.04	.005	22	7	.02	697	<.01	13	.33	<.01	.23	2	26
TR96-06A	37	123	17	119	<.3	37	26	1181	28.33	87	<5	<2	12	91	<.2	8	<2	79	.07	.827	4	89	.07	42	.01	6	.29	.02	.19	<2	4
TR96-10	2	4	6	72	<.3	11	<1	96	.32	9	<5	<2	<2	92	1.0	2	<2	6	10.73	.003	2	16	4.66	55	<.01	5	.03	<.01	.02	5	2
TR96-11	1	77	14	84	<.3	32	6	669	2.71	<2	<5	<2	7	11	<.2	<2	6	49	.32	.046	17	32	.90	110	.20	3	1.26	.02	.15	<2	3
STANDARD C2/AU-R	20	56	32	139	6.5	69	33	1082	3.84	40	18	7	33	52	19.8	19	23	71	.50	.104	40	62	.93	191	.08	31	2.02	.06	.15	11	469

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 5 1996 DATE REPORT MAILED: Sept 18/96 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
TR96-07	2	608	3	136	11.4	12	1	89	.22	104	<5	<2	<2	134	4.7	251	2	54	8.48	.036	1	18	4.50	1417	<.01	4	.08	.01	.01	4	1
TR96-08	6	8	23	59	.3	26	<1	107	.47	6	<5	<2	<2	176	.5	4	3	46	9.94	.069	3	20	5.16	558	<.01	5	.07	<.01	.03	5	1
TR96-09	2	14	7	62	.4	10	<1	77	.37	4	<5	<2	<2	116	.6	5	2	15	6.82	.028	1	18	3.50	106	<.01	3	.02	<.01	.01	4	1
RE TR96-09	2	15	5	64	.4	11	<1	72	.37	4	<5	<2	<2	119	.9	5	<2	15	7.00	.029	1	17	3.57	109	<.01	<3	.02	<.01	.01	5	1

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

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
TP96-01	8	32	10	552	.3	95	10	362	1.34	16	<5	<2	3	43	5.8	5	<2	61	1.51	.089	11	14	.56	1689	.01	4	.43	.01	.11	<2	6
TP96-02	9	31	14	2027	.4	277	45	1772	1.29	12	<5	<2	3	162	17.7	3	<2	47	15.04	.087	9	12	3.69	1495	.01	5	.31	.01	.13	<2	3
TP96-03	7	20	17	698	.3	104	8	361	1.34	11	<5	<2	3	163	6.8	3	<2	65	13.45	.153	10	14	3.37	1747	.03	6	.39	.01	.17	<2	2
TP96-04	7	26	125	1191	.3	151	19	812	2.15	20	<5	<2	2	172	11.0	4	<2	44	17.91	.090	7	14	6.74	837	.02	5	.24	.01	.09	2	1
TP96-05	11	35	16	1962	.3	292	47	1759	1.43	15	<5	<2	2	106	17.4	2	<2	38	13.44	.062	9	11	3.21	1526	.01	3	.32	<.01	.09	<2	1
TP96-06	19	60	11	2993	.5	468	75	2825	2.09	22	<5	<2	9	55	23.0	5	2	66	3.12	.100	36	20	.61	1413	.01	5	.58	.01	.14	<2	4
TP96-10	33	50	18	587	.7	139	11	373	2.67	25	<5	<2	7	72	11.3	8	<2	109	6.54	.318	24	53	.52	903	.03	5	.62	.01	.15	<2	10
TP96-11	11	26	11	213	.4	59	8	333	1.40	17	<5	<2	3	108	3.8	5	<2	21	10.96	.080	11	7	.88	1155	<.01	6	.22	<.01	.10	<2	4
TP96-12	2	33	6	86	<.3	54	13	426	2.72	4	<5	<2	2	14	.4	<2	<2	86	1.15	.044	7	54	1.32	1462	.18	8	1.94	.02	.07	<2	4
RE TP96-12	2	34	3	86	<.3	55	13	427	2.76	3	<5	<2	2	14	.4	<2	<2	87	1.15	.044	7	56	1.34	1485	.18	8	1.97	.02	.07	<2	4
TP96-13	8	33	6	212	<.3	60	12	459	2.84	10	<5	<2	3	20	3.4	<2	<2	85	.86	.096	10	36	.95	1678	.14	5	1.55	.01	.07	<2	3
TP96-14	25	110	21	770	.5	168	20	684	2.40	25	16	<2	4	33	9.6	4	2	63	1.07	.118	15	32	.83	1064	.04	6	1.12	.01	.13	<2	6
TP96-15	30	73	13	2569	.8	654	114	5802	2.59	22	<5	<2	4	50	55.7	6	<2	79	.33	.146	18	20	.18	1688	.02	4	.72	<.01	.12	<2	4
TP96-16	17	42	11	2185	.5	419	54	2584	1.91	19	<5	<2	4	37	31.8	3	<2	60	.75	.102	16	18	.49	1578	.01	5	.53	.01	.13	<2	3
TP96-17	10	28	9	698	.3	138	17	616	1.42	17	<5	<2	3	32	9.2	4	<2	62	.61	.085	11	14	.38	1895	.01	4	.38	<.01	.10	<2	3
STANDARD C2/AU-R	20	56	36	134	6.7	69	33	1098	3.68	37	16	7	35	50	19.5	17	18	70	.50	.105	40	60	.94	190	.08	27	1.94	.06	.14	11	460

Sample type: PAN CONC.. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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
TP96-07	9	16	16	239	<.3	39	3	229	1.39	26	<5	<2	4	179	3.2	4	<2	143	12.50	.993	33	21	5.69	1268	.02	14	.45	.01	.20	<2	4
TP96-08	8	12	19	363	<.3	41	4	223	1.40	25	<5	<2	3	145	4.0	4	2	64	10.50	.248	12	14	5.51	1287	.01	10	.27	.01	.10	<2	3
TP96-09	5	13	15	224	<.3	30	4	251	1.42	19	<5	<2	2	102	2.4	3	<2	75	6.68	.159	11	15	3.48	1268	.02	5	.32	.01	.08	<2	2
RE TP96-09	5	13	15	222	<.3	31	4	251	1.40	20	<5	<2	3	102	2.6	2	<2	72	6.57	.155	12	15	3.43	1377	.02	7	.31	.01	.08	<2	1

Sample type: PAN CONC.. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

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
TS96-01	14	59	26	366	.5	114	14	420	3.29	21	<5	<2	<2	14	2.5	2	<2	41	.37	.175	35	13	.12	179	.02	8	.52	<.01	.09	<2	5
TS96-02	11	51	16	224	.9	43	8	666	5.22	11	<5	<2	<2	15	1.6	<2	3	59	.19	.152	32	40	.42	157	.14	<3	3.81	.04	.07	2	3
TS96-03	16	77	44	397	5.4	89	11	314	7.40	46	<5	<2	10	143	.4	13	2	37	.05	.371	16	25	.15	95	.02	3	.73	.03	.42	<2	3
TS96-04	31	76	24	241	5.8	56	1	106	10.38	41	<5	<2	6	90	<.2	2	<2	60	.02	.274	11	31	.22	194	.02	<3	.50	.04	.27	<2	5
TS96-05	25	185	49	337	3.6	111	11	522	11.74	66	9	<2	4	94	.2	<2	<2	65	.20	.855	20	55	.08	503	.01	<3	.78	.03	.15	<2	3
TS96-06	18	149	14	306	2.5	114	11	367	4.56	16	8	<2	6	95	.4	<2	<2	19	.06	.124	11	20	.06	524	.01	4	1.17	.02	.11	<2	8
TS96-07 not received	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TS96-08	6	9	13	40	<.3	23	5	143	1.74	15	<5	<2	3	111	.4	<2	<2	7	15.30	.032	9	6	9.28	102	<.01	<3	.04	.01	.02	<2	1
TS96-10	38	80	57	1143	1.8	159	9	243	2.14	68	<5	<2	4	158	11.5	16	<2	184	9.97	.214	23	22	5.54	403	.01	8	.38	.01	.12	6	2
TS96-11	8	16	25	386	.4	67	8	318	2.06	29	<5	<2	3	181	3.8	5	<2	58	17.21	.066	11	17	10.58	859	<.01	7	.25	.01	.06	<2	1
TS96-12	25	35	41	466	.5	118	11	197	3.06	38	<5	<2	4	152	3.8	8	<2	47	11.17	.080	11	13	6.21	552	<.01	7	.18	.01	.07	<2	2
TS96-13	69	103	29	718	1.3	151	15	386	4.25	190	12	<2	6	43	11.2	19	<2	98	3.31	.177	15	27	1.73	271	.01	7	.37	<.01	.09	<2	8
TS96-14	14	30	25	487	.7	72	5	267	1.49	39	<5	<2	2	158	5.2	5	<2	93	13.88	.196	16	18	8.02	615	.01	9	.33	.01	.07	<2	2
TS96-15	12	30	33	697	.9	79	8	403	2.53	54	<5	<2	<2	64	5.1	5	<2	111	6.02	.208	23	23	3.10	643	.02	8	.66	.01	.10	<2	4
TS96-16	15	36	36	644	.8	104	12	829	3.87	37	<5	<2	<2	23	4.8	7	<2	106	.97	.194	37	29	.52	677	.05	7	1.34	.01	.10	<2	3
RE TS96-16	15	37	34	650	1.0	104	13	835	3.89	34	<5	<2	<2	23	5.0	8	3	108	.98	.196	38	29	.52	686	.05	9	1.37	.01	.10	<2	4
TS96-17	16	335	33	397	1.6	152	40	5119	5.11	88	<5	<2	4	53	1.6	2	3	60	.11	.171	25	39	.36	1663	.01	4	1.31	.01	.10	<2	6
TS96-18	6	380	19	280	1.0	113	49	1722	6.91	8	<5	<2	4	29	<.2	<2	5	96	.54	.086	29	64	1.44	669	.16	7	2.40	.01	.06	<2	13
TS96-19	7	330	20	271	.9	76	22	1089	5.48	8	<5	<2	4	30	.3	<2	<2	69	.31	.091	26	41	.77	477	.16	11	1.57	.01	.09	<2	7
TS96-20	36	75	16	684	1.6	133	12	330	3.21	45	<5	<2	<2	50	11.8	13	<2	92	.41	.181	22	26	.14	612	.01	7	.49	.01	.15	<2	4
STANDARD C2/AU-S	21	63	38	150	7.2	73	34	1222	4.04	42	19	8	37	55	21.5	16	23	76	.55	.106	43	68	1.00	209	.08	32	2.13	.06	.16	11	51

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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
TS96-09	39	128	56	1204	4.2	149	7	252	1.62	129	7	<2	5	104	23.9	26	<2	472	12.82	.481	23	46	6.80	498	.01	16	.45	.01	.21	<2	1

Sample type: SOIL.

AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

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
TW96-01	10	45	22	1226	.4	228	23	978	1.83	28	<5	<2	<2	51	15.0	9	<2	67	2.98	.099	15	51	1.40	1468	.01	4	.60	.01	.12	<2	1
TW96-02	14	50	23	4172	.3	588	91	3605	1.62	18	<5	<2	2	179	35.0	8	<2	45	14.11	.106	9	21	4.03	617	.01	<3	.57	.01	.09	<2	1
TW96-03	12	37	28	1214	.3	225	13	444	2.11	21	<5	<2	<2	143	14.5	7	2	58	11.20	.142	12	23	3.15	522	.01	3	.41	.01	.11	<2	<1
TW96-04	12	43	18	3278	<.3	522	61	2442	1.58	14	<5	<2	2	169	27.0	5	<2	46	14.60	.088	9	33	4.96	1040	.01	5	.53	.01	.07	<2	<1
TW96-05	12	54	19	3732	<.3	560	82	3229	1.61	17	<5	<2	<2	97	30.0	7	<2	28	14.14	.066	8	22	2.98	609	<.01	<3	.57	.01	.06	<2	2
TW96-06	17	98	23	6212	.3	984	134	4895	2.30	22	<5	<2	2	65	47.2	8	<2	42	3.98	.090	16	35	.99	963	.01	4	1.12	.01	.09	<2	3
TW96-10	19	58	24	1093	.6	248	21	519	3.37	24	<5	<2	3	36	16.8	8	<2	54	3.36	.129	22	34	.51	427	.03	5	1.01	.01	.13	<2	3
TW96-11	13	34	17	275	<.3	83	13	433	2.36	21	<5	<2	3	104	7.0	5	<2	13	11.17	.097	13	8	1.40	247	<.01	<3	.21	<.01	.06	<2	1
TW96-12	6	90	12	211	<.3	73	17	707	3.49	17	<5	<2	3	28	1.4	<2	<2	68	.83	.087	16	56	1.05	859	.06	<3	1.68	.01	.09	<2	3
RE TW96-12	6	91	11	209	<.3	71	17	693	3.39	15	<5	<2	3	27	1.4	<2	<2	66	.80	.086	15	56	1.04	850	.06	<3	1.66	.02	.09	<2	2
TW96-13	34	143	19	1096	.3	239	35	1288	2.60	40	31	<2	4	43	20.6	9	2	40	3.35	.108	13	33	1.58	394	<.01	4	.76	<.01	.08	<2	3
TW96-14	18	70	11	431	<.3	99	18	692	3.45	25	<5	<2	2	20	7.8	<2	<2	80	.62	.109	18	40	.70	524	.05	<3	1.34	.01	.10	<2	2
TW96-15	50	185	17	6739	<.3	1658	307	15184	3.31	28	12	<2	<2	74	159.7	7	<2	72	.61	.168	24	60	.29	1955	.02	<3	1.52	.01	.12	<2	3
TW96-16	16	65	18	3869	<.3	688	76	3682	2.37	21	<5	<2	<2	51	53.4	6	<2	56	3.32	.111	18	55	1.81	1622	.01	<3	.77	.01	.11	<2	1
TW96-17	15	48	14	1618	.4	312	36	1641	1.81	24	<5	<2	<2	46	24.7	6	<2	63	3.79	.092	14	47	1.96	1444	.01	3	.51	.01	.10	<2	1
STANDARD C2/AU-S	18	54	39	128	6.2	69	34	1113	3.83	38	14	7	33	51	19.6	17	15	69	.50	.101	39	60	.95	183	.07	23	1.99	.07	.15	10	47

Sample type: SILT. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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
TW96-07	16	25	30	404	.7	71	5	279	1.49	36	<5	<2	2	171	4.4	7	<2	119	13.54	.318	19	19	7.53	587	.01	8	.29	.01	.09	<2	<1
TW96-08	14	30	28	867	.7	95	7	283	1.96	43	<5	<2	<2	109	6.7	8	<2	79	9.03	.153	15	18	4.83	813	.01	9	.33	.01	.06	<2	1
TW96-09	11	30	24	631	.6	84	7	331	1.99	39	<5	<2	<2	96	5.8	5	<2	90	9.74	.111	14	19	5.51	962	.02	8	.50	.02	.10	<2	2
RE TW96-09	11	29	22	601	.6	80	7	313	1.90	37	<5	<2	<2	92	5.5	5	<2	86	9.26	.107	14	18	5.22	918	.02	8	.48	.02	.09	<2	3

Sample type: SILT. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.
AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

APPENDIX V

Rock Sample Descriptions

Sun RECCE TRAVERSE/SAMPLE RECORD

NAME: F. Moyle

DATE	TRAVERSE	NTS	AREA	SAMPLE #'s	COMMENTS/ROCK DESCRIPTION
Aug 22	Sun	104I16W	NE of claim block	TR9607	qtz veining in shaley Argillite w/ malachite, and Azurite in pods locally w/in qtz vein (grab)
				TR9608	qtz vein (grab) (1m below TR07) bull qtz weak min/zn
				TR9609	qtz vein (grab). (5m NW of TR07) malachite/Azurite w/ py blebs at the contact of McDonnie w/ OsR
				TR9610	Large qtz vein in Dol bolder float - Fe stained weak min/zn (grab)
				FR9655	qtz vein (5m below TR07) less min/zed tr py locally limonitic
				FR9656	qtz float - Fe stained tr py - vuggy
				FR9657	chip sample over 1m of qtz veined Argillite - very rusty
Aug 23	Sun	104I16W	N-central of claim block	FR9658	qtz veining in Argillite
				FR9659	Fe nodule in mafic volc's at bottom of cirque
				FR9660	qtz vein w/ brecciated argillite - Fe stained in float w/ mafic volc's.
				TR9611	Alteration halo around gossanous serp. unit tr py.
Aug 24	Sun	104I16W		TR966A	Ultramafic w/ strong py dissemination float in felsenmeer.

Sun RECCE TRAVERSE/SAMPLE RECORD

NAME: F. Moyle

DATE 96	TRAVERSE	NTS	AREA	SAMPLE #'s	COMMENTS/ROCK DESCRIPTION
Aug 20	Sun	104I/6W	SE end of claim block	FR9645	Qtz float amoungst Lst/Dol (felid) float Dol w/ Limonitic stain
				FR9646	Argillite w/ dolomitic vein - Fe rich nodule w/in Argillite (grab)
				FR9647	ultramafic dyke intruding Lst/Dol cliff (grab) -350/80
Aug 21	Sun	"	SW end of claim block	FR9648	welded conglomerate - Limonitic Angular pebbles w/ muddy mtx Fe rich (grab)
				FR9649	Fine grained py nodule in chert w/ qtz veinlets (grab)
				FR9650	(1m wide chip sample) Fe stained qtz/carb veins in Argillaceous/shale unit
				FR9651	phyllitic slate w/ quartz/carb veining - Fe stained subcrop (grab)
				FR9652	Vuggy quartz vein in Argillitic unit (grab) - subcrop tr py
				FR9653	qtz vein w/in Argillite (grab) outcrop 10cm wide - Limonitic
				FR9654	float from 10m x 10m cliff face brecciated / friable fault gouge - Fe rich - healed
				TR9601	
				TR9602	
				TR9603	pyritic argillite - subcrop (grab)
				TR9604	vein 10-15cm wide Qtz vein in Argillite - Limonitic tr py
				TR9605	slip gouge along bedded Argillite - weakly healed Fe rich
Aug 22				TR9606	rusty qtz vein perpendicular to carb. bedding.

APPENDIX VI

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Francis S. Moyle, of 928 Berkley Road in the municipality of North Vancouver, British Columbia, do hereby certify that:

1) I am an independent contract geologist currently employed under contract to Cusac Gold Mines Ltd., Pacific Bay Minerals Ltd., Demand Gold Ltd. and Dan Brett. The office is at #908-700 West Pender Street, Vancouver, B.C. V6C 1G8;

2) I am a graduate of the University of British Columbia (1994) with a B.Sc degree in geology and have had this profession continuously since graduation;

3) I have been employed in the mineral exploration industry since 1990, within Canada;

4) I am the author of a recent report dated March, 1997 entitled "Prospector's Report on the Sun Claim", British Columbia;

5) I have personally performed the work discussed in this report;

6) I do not own or expect to receive any interest (direct, indirect or contingent) in the property described herein with respect of services in the preparation of this report.

Dated at Vancouver, B.C. this 19 day of March, 1997.

Respectfully submitted:

Francis Moyle

Francis S. Moyle, B.Sc.

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,886

534000E 535000E 536000E 537000E

6519000N 6518000N 6517000N

1600 1700 1800 1900 2000 2100

DME DPsv DPss DM OSRR

TP12 TW 12 TP13 TW 13 TP14 TW 14 TP 11 TW 11 TP10 TW10
FR 57 TS 13 TR10 TS 18 TR 11 FR 60 FR 58 TS 17 FR 59 TS 19
TS 20 FR 56 TS16 TS12 TS15 TS14 TS11 TP09 TW09 TS09 TR07 TS10 TP08 TW08 TS07 TR06 TR08 TP07 TW07
TR02 TR01 FR 47 FR 46 TP 15 TW 15 TP 16 TW 16 TP 17 TW 17
TS07 TS06 TS05 TR04 TR03 FR9653 FR9652 TS9603 TS9602 TS9601 FR9651 TP06 TW06 FR50 LST FR45 FR48 TW07
TP05 TP05 TP04 TP04 FR49 TP03 TP03 TP02 TP02 FR 48

key to sample results notation

Zn	Cu
Pb	Ba

All units are in parts per million (ppm)

LEGEND

- Soil
- Rock
- Pans/Silts
- Contact (defined)
- Contact (approximate)
- Contact (assumed)
- Fault
- Creeks
- Forest
- Outcrop

Ancestral North America

Upper Devonian to Mississippian (Frasnian to Visean)

DME *Earn Group:*
Shale, black–gray and blue–gray locally pyritic; argillite; light green shale; porcellanite

Middle to Upper Devonian (Givetian to Frasnian)

DM *McDame Formation:*
Upper member, limestone, platy, light–gray, local karst breccia; Lower member, dolostone, dark gray, fetit; limestone; carbonate breccia.

Lower ordovician to Lower Silurian (Arenig to Wenlock)

OSRR *Road River Formation:*
Upper unit, graptolitic, platy siltstone, silurian; Lower unit block, pyritic, graptolitic

0 200 300 600 800 1000m

SCALE: 1:10000

COMPANY: CRY LAKE SYNDICATE

DRAWING TITLE:

SUN CLAIM
BASE SAMPLE LOCATIONS

LOCATION: BLUE SHEEP LAKE

DATE:	OCTOBER, 1996	SCALE:	1 : 10000
DRAWN:	TC 96162 MSH	GEOLOGIST:	F.MOYLE
DATA:	104 I 16W	DRAWING:	

MAP 1

534000E 535000E 536000E 537000E

6519000N 6518000N 6517000N

1600 1700 1800 1900 2000 2100

DPsv DPss DME DM OSRR

211 90 / 12 859
1096 143 / 19 394
1093 58 / 24 427
275 34 / 17 247
431 70 / 11 524
631 30 / 24 962
867 30 / 28 813
404 25 / 30 587
6739 185 / 17 1955
1618 48 / 14 1444
3869 615 / 18 1622
1226 45 / 22 1468
NV=984 6212 98 / 23 963
1214 37 / 28 522
3732 54 / 19 609
3278 43 / 18 1040
4172 50 / 23 617

key to sample results notation

Zn	Cu
Pb	Ba

All units are in parts per million (ppm)

LEGEND

- Pans/Silts
- Contact (defined)
- Contact (approximate)
- Contact (assumed)
- Fault
- Creeks
- Forest
- Outcrop

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0 200 300 600 800 1000m

SCALE: 1:10000

COMPANY: CRY LAKE SYNDICATE

DRAWING TITLE:

SUN CLAIM
STREAM SILT GEOCHEMISTRY

LOCATION: BLUE SHEEP LAKE

DATE:	OCTOBER, 1996	SCALE:	1 : 10000
DRAWN:	TC 96162 MSH	GEOLOGIST:	F.MOYLE
DATA:	104 I 16W	DRAWING:	

MAP 2

534000E 535000E 536000E 537000E

6519000N 6518000N 6517000N

1600 1700 1800 1900 2000 2100

DME DME DME DME DM DM DPsv DPss OSRR

outcrop 6 11 / 23 457
float 18 23 / 7 22
252 129 / 5 81 subcrop
outcrop 127 22 / 9 129
84 70 / 14 110
72 4 / 6 55
111 3 / 5 146
62 14 / 7 106
outcrop 95 11 / 24 55
DM 84 61 / 4 74
136 608 / 3 141
59 8 / 23 558
52 4 / 23 42
71 54 / 10 578 float
229 1 / 29 219 float
13 3 / 12 1368 outcrop
198 131 / 31 102
13 19 / 9 605
outcrop 57 8 / 11 59
449 143 / 19 83 outcrop
116 225 / 4 26 outcrop
float 13 4 / 13 110
float cong 672 178 / 240 289
float 78 3 / 7 59
5 8 / 4 1701
70 75 / 72 38 outcrop
float 52 7 / 9 60

key to sample results notation

Zn	Cu
Pb	Ba

All units are in parts per million (ppm)

LEGEND

- *Rock*
- *Contact (defined)*
- *Contact (approximate)*
- *Contact (assumed)*
- *Fault*
- *Creeks*
- *Forest*
- *Outcrop*

Ancestral North America

Upper Devonian to Mississippian (Frasnian to Visean)

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OSRR ***Road River Formation:***
Upper unit, graptolitic, platy siltstone, silurian; Lower unit block, pyritic, graptolitic

0 200 300 600 800 1000m

SCALE: 1:10000

COMPANY: CRY LAKE SYNDICATE

DRAWING TITLE:

SUN CLAIM
ROCK GEOCHEMISTRY

LOCATION: BLUE SHEEP LAKE

DATE:	OCTOBER, 1996	SCALE:	1 : 10000
DRAWN:	TC 96162 MSH	GEOLOGIST:	F.MOYLE
DATA:	104 I 16W	DRAWING:	

MAP 3

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,886

534000E 535000E 536000E 537000E

6519000N 6518000N 6517000N

1600 1700 1800 1900 2000 2100

DME DME DME DM DM DM DPsv DPss OSRR

280 | 380
19 | 669

718 | 103
29 | 552

307 | 335
33 | 1663

271 | 330
20 | 477

684 | 75
16 | 642

466 | 35
41 | 552

650 | 36
36 | 686

697 | 30
33 | 643

487 | 30
25 | 615

386 | 16
25 | 859

1204 | 128
56 | 498

1143 | 80
57 | 403

40 | 9
13 | 202

306 | 149
14 | 503

337 | 185
49 | 503

397 | 77
44 | 95

241 | 76
24 | 194

224 | 51
16 | 157

366 | 59
26 | 79

key to sample results notation

Zn	Cu
Pb	Ba

All units are in parts per million (ppm)

LEGEND

- Soil
- Contact (defined)
- Contact (approximate)
- Contact (assumed)
- Fault
- Creeks
- Forest
- Outcrop

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0 200 300 600 800 1000m

SCALE: 1:10000

COMPANY: CRY LAKE SYNDICATE

DRAWING TITLE:

SUN CLAIM
SOIL GEOCHEMISTRY

LOCATION: BLUE SHEEP LAKE

DATE:	OCTOBER, 1996	SCALE:	1 : 10000
DRAWN:	TC 96162 MSH	GEOLOGIST:	F.MOYLE
DATA:	104 I 16W	DRAWING:	

MAP 4