DIAMOND DRILLING REPORT

on the

MURPHY, MAGGIE, M 2, M 3 AND GOLDROP 1 TO 4 CLAIMS

Princeton Area
Similkameen Mining Division

92H-7E
(49° 20' N. Lat., 120° 38' W. Long.)

for

MURPHY SHEWCHUK

Keremeos, B.C.
V0X 1N0
(Owner and Operator)

by

GRANT F. CROOKER, B.Sc., F.G.A.C.
Geologist

July, 1988

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SUMMARY AND RECOMMENDATIONS

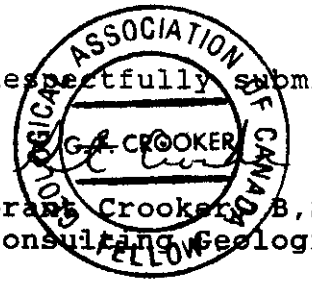
The Goldrop Property is located 16 kilometers southwest of Princeton, near Whipsaw Creek in southern British Columbia. The property consists of 8 claims totalling 40 units.

The property is underlain by Upper Triassic Nicola Group volcanic and sedimentary rocks. Mineralization consists of calcite veinlets and carbonate altered zones with minor silicification, containing pyrite, sphalerite and minor chalcopyrite. Some gold values are also associated with the mineralization.

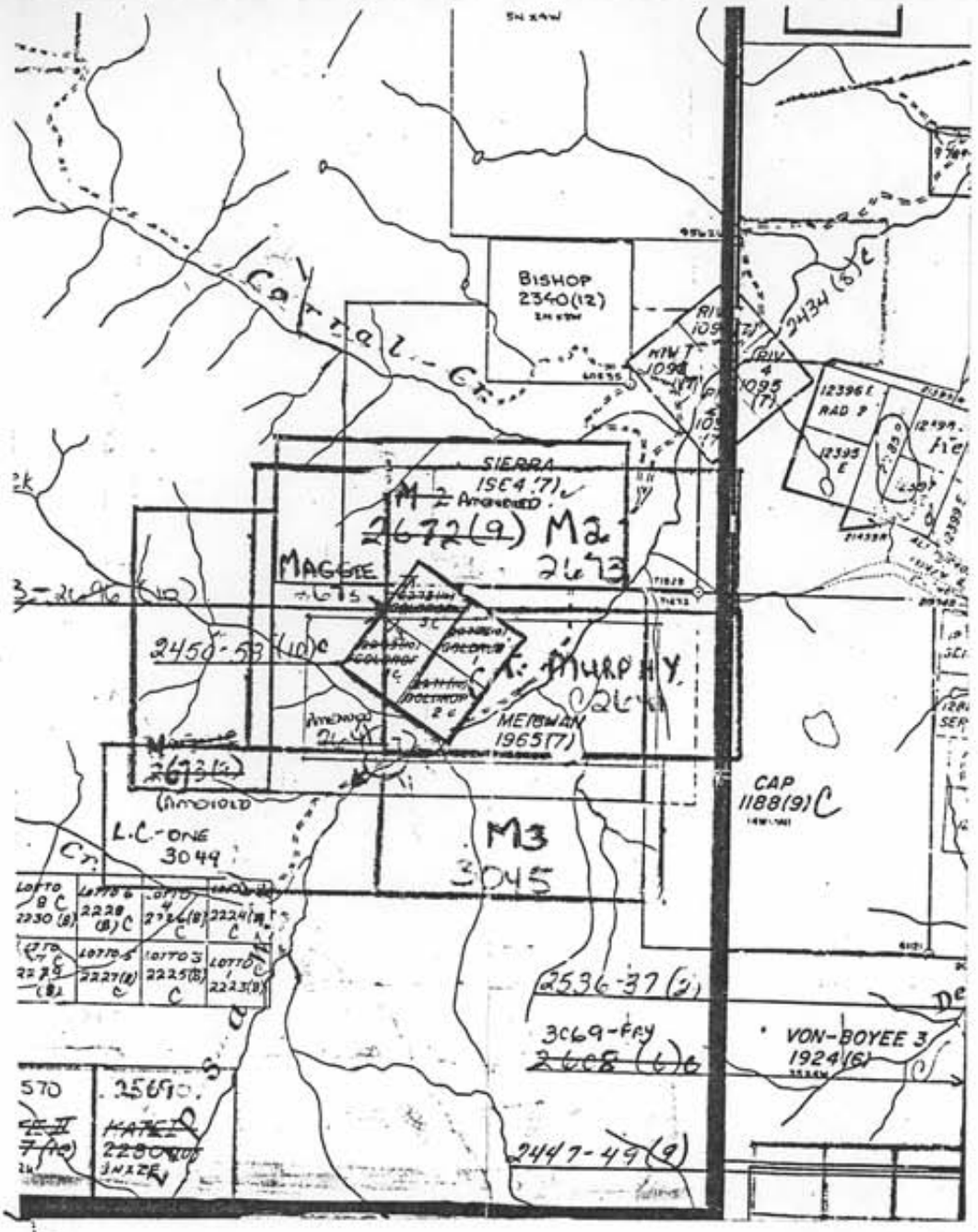
Two BQ diamond drill holes totalling 272.25 meters were drilled on the property. DDH-88-1 intersected only one narrow zone which gave an anomalous gold value. The section from 74.85 to 75.46 meters gave a gold value of 1255 ppb in a carbonate altered zone containing up to 5% pyrite. DDH-88-2 intersected a number of zones between 121.62 and 128.08 meters which gave anomalous zinc, copper and gold values. The mineralization is related to calcite veining and carbonate alteration with minor silicification. Massive pyrite and sphalerite with minor chalcopyrite occur within the zones. The zones vary from 0.5 to 1.1 meters in width with generally unmineralized andesite between them. The best intersections were as follows: 121.62 to 122.12 meters - 365 ppb Au, 2481 ppm Cu and 91226 ppm Zn, 122.83 to 123.43 meters - 445 ppb Au, 2438 ppm Cu and 85063 ppm Zn, 126.48 to 126.98 meters - 5590 ppb Au, 4039 ppm Cu and 76357 ppm Zn.

Anomalous zinc and gold values were obtained from DDH-88-2 although they were over generally narrow widths. Recommendations are to continue work on the property. Surface exploration should be carried out on the property before additional drilling is considered. This program should consist of establishing a grid in the vicinity of the drilling, and carrying out geochemical sampling, prospecting and geological mapping.

Respectfully submitted,



Grant Crooker, B.Sc., F.G.A.C.,
Consulting Geologist



GEOLOGICAL ASSOCIATION OF CANADA
G. F. CROOKER

MURPHY SHEWCHUK

GOLDROP PROPERTY LOCATION MAP

SCALE 1:50.000

0 1 2 3 kms

DRAWN BY: G. Crooker	N.T.S.: 92H—7E
DATE: April 1988	FIGURE Nº. 1

1.0 INTRODUCTION

1.1 GENERAL

Diamond Drilling was carried out on the Goldrop Property between January 10th and 20th, and May 20th and 30th, 1988. Murphy Shewchuk supervised the drilling and Grant Crooker was retained to prepare the report. The first drill hole was not collared near the showings due to heavy snowfall. The second drill hole was collared near the showings.

1.2 LOCATION AND ACCESS

The property (Figure 1) is located approximately 16 kilometers southwest of Princeton in the Whipsaw Creek area of southern British Columbia. The property lies between 49°19' and 49°21' north latitude and 120°36' and 120°39' west longitude (NTS 92H-7E).

Access is from the Hope-Princeton Highway turning off the highway at Whipsaw Creek. A good two wheel drive logging road passes through the property and several four wheel drive roads provide access to different areas of the property.

1.3 PHYSIOGRAPHY

The property lies along the eastern margin of the Cascade Mountains and elevation varies from 945 to 1460 meters above sea level. Topography varies from moderate to steep with Whipsaw Creek flowing northeasterly through the property.

Fir and spruce trees cover most of the property, with varying amounts of brush. The area is subject to heavy snowfalls in the winter.

1.4 PROPERTY AND CLAIM STATUS

The Goldrop Property (Figure 1) consists of four four post claims and four two post claims covering 40 units in the Similkameen Mining Division. The property is owned by Mr. Roy Huff of Princeton B.C. and Mr. Murphy Shewchuk of Keremeos, B.C..

Claim	Units	Mining Division	Record No.	Record Date
Murphy	10	Similkameen	2641(07)	July 31, 1986
Goldrop 1	1	Similkameen	2693(10)	Oct. 6, 1986
Goldrop 2	1	Similkameen	2694(10)	Oct. 6, 1986
Goldrop 3	1	Similkameen	2695(10)	Oct. 6, 1988
Goldrop 4	1	Similkameen	2696(10)	Oct. 6, 1988
M 2	10	Similkameen	2672(09)	Sept. 11, 1986
Maggie	8	Similkameen	2673(09)	Sept. 11, 1986
M 3	8	Similkameen	3045(10)	Oct. 5, 1987

1.5 AREA AND PROPERTY HISTORY

The mining history of the Princeton area goes back to the late 1800's. Initial prospecting was for placer gold, with hard rock prospecting following shortly afterwards.

The area has had a long history of mining. The copper deposits at Copper Mountain located seven kilometers east of the Goldrop property were first discovered by a trapper named Jameson in 1884. Production did not begin from Copper Mountain until 1925, and large scale production has continued to the present time, with the exception of a 23 year period from 1957 to 1970.

Nothing is known of the early history of the Goldrop property, although it was probably first discovered in the early 1900's. A caved adit and a number of hand trenches indicate work was carried out on the property during this time. During the 1970's the Huff brothers of Princeton carried out trenching and drilling on the property. Little is known of this work, but anomalous gold, copper and zinc values were reported from the drilling. No further work has been carried out on the property since this time.

2.0 EXPLORATION PROCEDURE

The program covered by this report consisted of two BQ diamond drill holes totalling 272.25 meters. The core is stored at the residence of Mr. Murphy Shewchuk in Keremeos, B.C..

Sludge and/or core samples were submitted for assay on mineralized zones. Fifty-two samples were analyzed by ICP and Au-fire, with eight samples also being analyzed for Pt and Pd. One sample was analyzed for rare earth elements.

The samples were analyzed by three labs, including Chemex Labs Ltd., ACME Analytical Laboratories Ltd., and Min-En Laboratories Ltd..

3.0 GEOLOGY AND MINERALIZATION

The property lies along the western margin of the Intermontane Belt of southern British Columbia. Upper Triassic Nicola group volcanic and sedimentary rocks underlie the property. The volcanic succession includes massive flow units, coarse to very fine-grained pyroclastic units and some pillow lavas. These rocks are generally andesite to basaltic andesite in composition. The sedimentary succession includes siltstone, argillite, conglomerate and some reefoid limestone.

Mineralization on the property, as outlined by drilling consists of calcite veinlets and carbonate altered zones with minor silicification containing pyrite, sphalerite and minor chalcopyrite. Anomalous gold values are also associated with the mineralization.

4.0 DIAMOND DRILLING

Diamond drilling was carried out on the property between January 10th and 20th, and May 20th and 30th, 1988. A summary of the pertinent data is given below.

Drill Hole No.	Bearing(°)	Angle(°)	Depth(m)
DDH-88-1	000°	-70°	115.24
DDH-88-2	085°	-59	157.01

DDH-88-1 was drilled during the winter months and due to heavy snowfall the hole had to be drilled near the main Whipsaw logging road rather than near the 1974 drilling. Only one section, between 74.85 and 75.46 meters gave anomalous gold and zinc values. A carbonate altered zone gave 1255 ppb Au and 1369 ppm Zn.

DDH-88-2 was drilled near the 1974 drilling. Several sections between 121.62 and 128.08 meters gave anomalous zinc and copper values, and one section gave an anomalous gold value. The mineralization is related to calcite veining and carbonate alteration with minor silicification. The zones vary from 0.5 to 1.1 meters in width with generally unmineralized andesite between them. The mineralization is at approximately 45° to the core. The best intersections were as follows: 121.62 to 122.12 meters - 365 ppb Au, 2481 ppm Cu and 91226 ppm Zn, 122.83 to 123.43 meters - 445 ppb Au, 2438 ppm Cu and 85063 ppm Zn, 126.48 to 126.98 meters - 5590 ppb Au, 4039 ppm Cu and 76357 ppm Zn.

Several platinum and palladium assays were taken but these did not return anomalous values.

M-2

Goldrop 3

4000

1974 DRILLING

Goldrop 4

DDH-88-2

Goldrop 1

Maggie

DDH-88-1

Goldrop 2

Fourteen Mile Cr.

Murphy

Whipsaw Cr.

3500

3500

M-3

N

ROAD

CREEK

5500 TOPO CONTOUR FEET

DRILL HOLE

LCP

GEOLOGICAL ASSOCIATION OF CANADA · FELLOW · G. F. CROOKER

MURPHY SHEWCHUK

GOLDROP PROPERTY
DRILL HOLE LOCATIONS

SCALE 1:5,000

0 100 200 300 m

DRAWN BY: G. Crooker	N.T.S. : 92H-7E
DATE: April 1988	FIGURE Nº. 2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,619

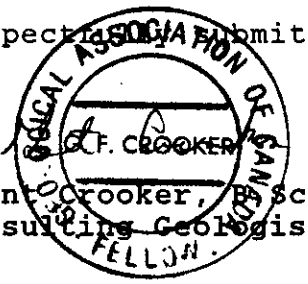
17,619

5.0 CONCLUSIONS AND RECOMMENDATIONS

Anomalous zinc, copper and gold values were found in DDH-88-2. Values of up to 91226 ppm Zn and 5590 ppb Au were obtained. While the values are over narrow widths, they are significant enough to warrant further work.

Recommendations are to carry out surface exploration on the property before additional drilling is considered. This program should consist of establishing a grid in the area of the drilling, and carrying out geochemical sampling, prospecting and geological mapping. On the basis of the surface exploration, a decision can be on further diamond drilling.

Respectfully submitted,



Grant Crooker, B.Sc., F.G.A.C.,
Consulting Geologist

6.0 REFERENCES

B.C.D.M.: G.E.M., 1970 (pp 379, 384); 1971 (pp272); 1973 (pp24, 158); 1974 pp115; 1975 (ppE70).

B.C.D.M.: M.M.A.R. 1966 (pp169)

Preto, V.A., (1972): Geology of Copper Mountain, B.C.D.M. Bulletin 59.

Rice, H.M.A., (1947): Geology and Mineral Deposits of the Princeton Map-Area, B.C., Geological Survey of Canada Memoir 243.

7.0 CERTIFICATE OF QUALIFICATIONS

I, Grant F. Crooker, of Upper Bench Road, Keremeos, in the Province of British Columbia, hereby certify as follows:

1. That I graduated from the University of British Columbia in 1972 with a Bachelor of Science Degree in Geology.

2. That I have prospected and actively pursued geology prior to my graduation and have practised my profession since 1972.

3. That I am a member of the Canadian Institute of Mining and Metallurgy.

4. That I am a Fellow of the Geological Association of Canada.

5. That I have no direct or indirect interest in the property.

Dated this 23rd day of July, 1988, at Keremeos, in the Province of British Columbia.

GEOLOGICAL ASSOCIATION OF CANADA
G.F. CROOKER
FELLOW

Grant Crooker, B.Sc., F.G.A.C.
Consulting Geologist

Appendix I

CERTIFICATES OF ANALYSIS

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: SHEWCHUK , MR. M.

R.R. #1
KEREMEOS, B.C.
V0X 1N0

A8810772

Comments:

CERTIFICATE A8810772

SHEWCHUK , MR. M.
PROJECT :
P.O.# : NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 3-FEB-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
217	2	Soil, rock, core: Ring-no crush

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	2	Au ppb: Fuse 10 g sample	FA-AAS	5	10000

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
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To EWCHUK , MR. M.
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KEREMEOS, B.C.
V0X 1N0
Project :
Comments:

Page No. -A
Tot. Pages :
Date :29-JAN-88
Invoice # :I-8810773
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8810773

DDH-88-1

SAMPLE DESCRIPTION	PREP CODE		Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
116-120 PT	217	238	1.35	0.4	4770	40	< 0.5	4	1.39	< 0.5	24	251	49	3.14	< 10	3	0.13	< 10	2.29	405	< 1

CERTIFICATION : Ian Bichler

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
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V0X 1N0
Project :
Comments:

Page No. :1-B
Tot. Pages :1
Date :29-JAN-88
Invoice # :I-8810773
P.O. # :NONE

DDH-88-1

preliminary

CERTIFICATE OF ANALYSIS A8810773

SAMPLE DESCRIPTION	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	meters
116-120 Ft	217	238	0.05	173	150	14	>10000	30	60	0.02	< 10	< 10	40	10	26	35.37-36.59

CERTIFICATION : Hartt Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
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Project :
Comments:

Date :16-FEB-88
Invoice # :I-8811425
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8811425

DOH-88-1

SAMPLE DESCRIPTION	PREP CODE		Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
120-126	299	238	1.69	< 0.2	< 5	50	0.5	< 2	3.56	< 0.5	45	19	38	6.67	< 10	< 1	0.10	< 10	0.87	660	< 1
156-164	299	238	1.44	< 0.2	15	50	0.5	< 2	2.67	< 0.5	42	8	47	9.73	< 10	2	0.08	< 10	0.75	530	< 1
202-210	299	238	1.92	< 0.2	10	70	0.5	< 2	1.97	< 0.5	52	30	14	7.25	< 10	< 1	0.41	< 10	0.97	681	< 1
210-221	299	238	2.02	0.2	< 5	70	0.5	< 2	2.55	< 0.5	54	22	25	8.01	< 10	< 1	0.21	< 10	0.82	514	< 1

CERTIFICATION :

Chemex Labs Ltd.

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Tot. Pages: 1
Date :16-FEB-88
Invoice # :I-8811425
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8811425

DDH-88-1

SAMPLE DESCRIPTION	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
120-126 Ft	299	238	0.15	59	650	6	5	< 10	51	0.02	< 10	< 10	46	50	47	metres	36.59-38.42
156-164 Ft	299	238	0.10	49	660	8	5	10	116	0.01	< 10	< 10	31	10	32	metres	47.56 - 50.0
202-210 Ft	299	238	0.12	54	810	6	5	< 10	172	0.02	< 10	< 10	46	5	30	metres	61.59-64.02
210-221 Ft	299	238	0.08	63	830	< 2	5	< 10	178	< 0.01	< 10	< 10	32	10	23	metres	64.02 - 67.38

CERTIFICATION : BC

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Page) :1
Tot. Pages: 1
Date :17-FEB-88
Invoice # :I-8811424
P.O. # :NONE

DDH-88-1

CERTIFICATE OF ANALYSIS A8811424

SAMPLE DESCRIPTION	PREP CODE		Cu ppm	Ga ppm	Au ppb FA+AA							
							meters					
120-126 F+	214	--	-----	-----		5	36.59-38.42					
156-164 F+	214	--	-----	-----	<	5	47.56-50.60					
202-210 F+	214	--	-----	11	<	5	61.54-64.02					
210-221 F+	214	--	-----	-----	<	5	64.02-67.38					
277-288 F+	214	--	22	-----	<	5	84.45-87.90					

CERTIFICATION : Hart Bichler

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Comments:

Page No :
Tot. Pages :
Date :18-FEB-88
Invoice # :I-8810774
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8810774

DOH-88-1

SAMPLE DESCRIPTION	PREP CODE		Te ppm	Ga ppm	La NAA ppm	Ce NAA ppm	Y (XRF) ppm	Zr (XRF) ppm	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	notes
116-120 Ft	299	--	0.85	10	7	15	25	55	10	< 2	< 5	35.37-36.89

CERTIFICATION : Ian A Bucklen

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Project :
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Page No :
Tot. Pag... 1
Date : 3-MAR-88
Invoice # : I-8812077
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8812077

ODH-BB-1

SAMPLE DESCRIPTION	PREP CODE		Ag FA oz/T	Au oz/T	Pt ppb	meters						
81-83 F+	207	--	-----	< 0.002	-----	24.70-25.30						
~~DM1-200-213~~	~~207~~	~~--~~	~~0.07~~	~~0.006~~	~~-----~~							
225-230 F+	207	--	< 0.01	< 0.002	< 50	686-70.12						
~~DM5-260-266~~	~~207~~	~~--~~	~~0.09~~	~~0.012~~	~~-----~~							
~~DM5-283-286~~	~~207~~	~~--~~	~~0.10~~	~~0.012~~	~~-----~~							

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION : W. Lon Bonavia

Chemex Labs Ltd.
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To: WCHUK , MR. M.
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Page No.
Tot. Pages:
Date :01-FEB-88
Invoice # :I-8810772
P.O. # :NONE

DDH-88-1

CERTIFICATE OF ANALYSIS A8810772

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Metres								
M74-85 Ft	217	--	< 5	22.56-25.91								
M277-288 Ft	217	--	15	84.45-87.80								

CERTIFICATION : Howard Buckler

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

T:(604)980-5814 OR (604)985-4524 TELEX:VIA USA 7601067 UC

Analytical Report

Company:GRANT F.CROOKER
Project:SHEWCHUK
Attention:G.F.CROOKER

File:8-454
Date:APR.29/88
Type:ROCK GEOCHEM

Date Samples Received :APR.27/88
Samples Submitted by :G.F.CROOKER

Report on .....7 ROCKS..... Geochem Samples
..... Assay Samples

Copies sent to:
1. GRANT F.CROOKER, KEREMEOS, B.C.
2.
3.

Samples: Sieved to mesh ..... Ground to mesh .....-150.....

Prepared samples stored:.....X..... discarded:.....
rejects stored:..... discarded:.....X.....

Methods of analysis:

AU-FIRE GEOCHEM.
31 ELEMENT TRACE ICP.

Remarks

poH-88-1

COMPANY: GRANT F.CROCKER — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1
PROJECT NO: SHEWCHUK — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 8-454
ATTENTION: G.F.CROCKER — (604)980-5814 OR (604)988-4524 — * TYPE ROCK GEOCHEM * — DATE:APRIL 29, 1988

(PPM)	220-225	225-230	230-235	235-240	245-250	257-262	314.5-316.5
	67.07-68.6	68.6-70.12	70.12-71.65	71.65-73.17	74.7-76.22	78.35-79.88	95-96.49
AG	.7	.8	.8	.8	.7	.7	.7
AL	26350	28690	30310	31000	30790	22280	19760
AS	10	16	18	7	10	10	13
B	5	4	3	3	3	5	4
BA	44	46	52	36	69	59	20
BE	.9	.5	.7	.8	.7	.6	.3
BI	3	4	4	3	2	6	1
CA	12840	15110	14350	17890	16540	49490	18380
CD	.8	.5	.5	.6	.7	.3	.3
CO	16	24	31	22	25	23	67
CU	3	3	4	162	102	9	3
FE	31800	48900	48210	36750	42560	34490	41610
K	4630	6140	4280	3260	5500	3610	2090
LI	9	13	9	9	10	5	4
MG	19070	15580	18940	21450	21920	8620	10640
MN	515	577	464	735	799	748	246
MO	2	1	2	2	1	1	1
NA	1560	1900	2370	2180	1550	1090	940
NI	29	39	32	35	9	27	29
P	710	760	850	890	1040	890	1230
PB	10	9	11	7	6	9	11
SB	4	2	1	1	1	1	1
SR	319	202	343	114	120	58	51
TH	1	1	1	1	1	1	1
U	1	1	1	1	1	1	1
V	71.8	113.4	112.0	108.7	115.8	50.9	44.1
ZN	26	22	26	36	41	23	24
GA	1	1	1	1	1	1	1
SN	1	1	1	1	1	1	1
W	1	2	2	1	1	1	1
CR	71	76	84	84	38	46	24
AU-PPB	10	3	5	3	2	12	2

Ft (meters)

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
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BRITISH COLUMBIA, CANADA V7J-2C1
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KEREMEOS, B.C.
V0X 1N0
Project :
Comments:

Page No :1-A
Tot. Pgs. :
Date :16-JUN-88
Invoice # :I-8816610
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8816610

DDH-88-2

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %
M2-126-130 ft	238	20	20	———	———	1.96	0.8	5	30	1.0	< 2	3.36	< 0.5	40	15	144	9.04	< 10	4	0.04
M2-131-135 ft	238	65	54	———	———	1.66	2.0	25	40	0.5	< 2	4.07	< 0.5	52	13	135	10.55	< 10	1	0.04
M2-311-320 ft	238	———	24	< 2	10	1.92	1.2	< 5	30	1.0	< 2	3.67	1.0	54	20	131	10.40	< 10	< 1	0.05
M2-406-416 ft	238	———	56	< 2	5	2.18	1.8	35	80	1.0	< 2	3.89	80.5	35	22	301	7.99	< 10	1	0.06

CERTIFICATION : BC

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
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SHEWCHUK , MR. M.

R.R. #1
KEREMEOS, B.C.
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Project :
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CERTIFICATE OF ANALYSIS A8816610

SAMPLE DESCRIPTION	PREP CODE	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Metals
M2-126-130 f4	238 —	< 10	1.17	1145	7	0.05	22	740	26	< 5	2	152	< 0.01	< 10	< 10	30	< 5	68	38.41-39.63
M2-131-135 f4	238 —	< 10	0.82	1040	7	0.06	24	820	22	< 5	2	241	< 0.01	< 10	< 10	24	< 5	66	39.94-41.16
M2-311-320 f4	238 —	< 10	1.23	1005	6	0.04	27	840	14	< 5	3	166	< 0.01	< 10	< 10	26	< 5	155	94.93-97.56
M2-406-416 f1	238 —	< 10	1.21	1175	6	0.05	21	860	22	< 5	3	129	< 0.01	< 10	< 10	36	< 5	9430	123.78-126.83

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Invoice # : I-8817149
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CERTIFICATE OF ANALYSIS A8817149

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
90-96 ft	207	238	< 0.07	2.63	< 0.2	< 5	60	0.5	< 2	3.25	0.5	46	22	155	9.21	10	< 1	0.07	10	1.42	1555
96-101 ft	207	238	< 0.07	3.01	< 0.2	30	50	0.5	< 2	3.29	< 0.5	52	14	219	11.40	10	< 1	0.12	10	1.42	1380
101-107 ft	207	238	< 0.07	2.34	< 0.2	< 5	50	0.5	< 2	2.62	< 0.5	43	9	162	9.99	10	< 1	0.13	10	1.02	1075
107-115 ft	207	238	< 0.07	1.99	< 0.2	10	40	< 0.5	< 2	2.99	0.5	40	13	117	9.19	10	< 1	0.10	10	0.95	1065

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DDH-88-2

CERTIFICATE OF ANALYSIS A8817149

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
90-96 ft	207	238	5	0.08	29	590	18	< 5	3	109	< 0.01	< 10	< 10	56	25	107	meters	27.44 - 29.27
96-101 ft	207	238	5	0.10	31	670	20	< 5	4	137	< 0.01	< 10	< 10	58	35	80	meters	29.27 - 30.79
101-107 ft	207	238	3	0.08	25	630	10	< 5	3	151	< 0.01	< 10	< 10	46	20	62	meters	30.79 - 32.62
107-115 ft	207	238	2	0.07	25	690	18	< 5	3	113	< 0.01	< 10	< 10	39	25	79	meters	32.62 - 35.06

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CERTIFICATION : BC

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

GEOCHEMICAL ANALYSIS CERTIFICATE

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: Core AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. PT** BY FA-MS.

DATE RECEIVED: JUNE 28 1988 DATE REPORT MAILED: July 8/88 ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TECK EXPLORATION LTD. File # 88-2318

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	Pt** PPB
P 3801	1	178	13	195	.3	28	23	2157	6.46	5	5	ND	1	152	1	2	2	98	1.93	.073	2	43	2.31	19	.04	2	3.84	.12	.05	1	1	-
P 3802	1	93	11	99	.3	19	21	1522	5.57	5	5	ND	1	49	1	2	2	50	2.59	.067	3	22	1.75	12	.01	4	3.18	.06	.06	1	1	-
P 3803	2	27	16	64	.9	5	15	821	3.85	10	5	ND	1	480	1	2	2	10	4.59	.062	3	2	.26	38	.01	2	1.05	.03	.10	1	46	-
P 3804	1	100	7	28	.6	5	16	986	3.80	14	5	ND	1	66	1	2	2	10	4.24	.080	2	1	.40	18	.01	2	.94	.03	.09	1	6	-
P 3805	1	140	13	72	.3	4	14	1188	5.00	10	5	ND	1	48	1	2	2	40	3.22	.078	2	2	1.85	13	.01	3	2.50	.01	.07	1	1	-
P 3806	3	106	9	27	.2	10	27	282	6.45	7	5	ND	1	31	1	2	2	17	1.34	.069	3	3	.65	11	.01	6	1.12	.01	.08	1	6	-
P 3807	1	54	17	36	.3	8	19	244	6.27	4	5	ND	1	16	1	2	2	12	1.46	.070	3	1	.35	15	.01	4	.71	.01	.09	1	4	-
P 3808	4	49	11	401	.4	14	13	1253	6.94	30	5	ND	1	23	2	2	2	19	4.81	.058	4	14	.96	18	.01	2	1.43	.01	.08	1	24	-
P 3809	1	216	15	2176	.8	13	17	2263	5.53	30	5	ND	1	41	15	2	2	10	6.67	.063	2	4	.11	20	.01	7	.65	.04	.07	1	88	2
P 3810	1	65	11	285	.8	12	14	750	7.23	91	5	ND	1	61	2	2	2	7	3.35	.061	2	1	.05	19	.01	2	.91	.04	.08	1	45	-
P 3811	1	2481	19	91226	4.6	5	7	1262	13.58	123	5	ND	1	56	1197	2	2	7	5.53	.023	2	1	.12	15	.01	3	.79	.02	.04	3	365	2
P 3812	1	2438	15	85063	2.6	11	16	1687	7.44	87	5	ND	1	23	816	2	4	8	5.23	.041	2	1	.09	14	.01	2	.47	.01	.06	4	445	2
P 3813	1	170	9	3169	.6	13	22	2466	3.34	25	5	ND	1	58	24	2	2	15	8.69	.072	3	1	.21	18	.01	7	.88	.04	.09	1	116	-
P 3814	2	95	10	677	.8	16	22	1788	4.21	31	5	ND	1	48	4	2	2	14	7.69	.075	3	5	.32	22	.04	2	.78	.03	.11	1	110	-
P 3815	1	4039	23	76357	12.6	8	7	1796	15.32	157	6	ND	1	9	651	2	3	3	4.87	.011	2	15	.03	4	.01	2	.18	.02	.03	3	5590	2
P 3816	1	111	6	5946	.6	8	15	1747	2.84	20	5	ND	1	29	42	2	2	8	8.52	.065	4	1	.17	15	.01	3	.56	.01	.10	3	73	-
P 3817	1	87	9	1365	.5	25	22	797	3.75	23	5	ND	2	111	9	2	2	74	2.10	.064	2	25	1.97	26	.03	7	2.36	.07	.34	1	1255	-
P 3818	1	18	6	99	.1	41	24	523	5.78	3	5	ND	1	252	1	2	3	100	1.34	.059	2	61	1.72	40	.03	2	2.68	.10	.47	1	6	-
P 3819	1	11	8	79	.1	61	29	689	6.14	2	5	ND	1	225	1	2	2	91	2.33	.052	2	53	1.45	38	.02	4	3.29	.11	.50	1	3	-
STD C/AU-R	18	59	43	130	6.8	67	29	1127	4.05	42	23	7	37	49	18	17	20	57	.49	.083	39	56	.93	174	.07	34	1.99	.08	.14	11	525	-

Chemex Labs Ltd.

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PHONE (604) 984-0221

To: NEWMONT EXPLORATION OF CANADA LTD.

900 - 808 W. HASTINGS ST.
VANCOUVER, B.C.
V6C 3A4

Project : 110
Comments: ATTN: C. BOYLE

Page No : 1-A
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Date : 25-MAY-88
Invoice # : I-8815644
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CERTIFICATE OF ANALYSIS A8815644

SAMPLE DESCRIPTION	PREP CODE		Au ppb RUSH	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
R34051	205	238	5	1.63	< 0.2	20	50	< 0.5	< 2	0.66	< 0.5	17	27	58	3.18	< 10	< 1	0.09	10	0.71	492
R34052	205	238	40	1.18	< 0.2	15	50	< 0.5	< 2	0.33	0.5	18	55	132	5.02	< 10	< 1	0.14	10	0.11	191
R34053	205	238	< 5	2.24	< 0.2	5	30	< 0.5	< 2	0.80	< 0.5	12	45	118	3.09	< 10	< 1	0.07	10	0.94	869
R34054	205	238	< 5	1.53	< 0.2	10	40	< 0.5	< 2	0.70	< 0.5	18	55	137	4.02	< 10	< 1	0.10	10	0.86	627
R34055	205	238	< 5	1.92	< 0.2	< 5	50	< 0.5	< 2	0.76	< 0.5	21	64	90	3.98	< 10	< 1	0.13	10	1.32	757
R34056	205	238	< 5	2.16	< 0.2	< 5	40	< 0.5	< 2	0.78	< 0.5	20	80	80	4.51	< 10	< 1	0.17	10	1.32	466
R34057	205	238	< 5	2.35	< 0.2	< 5	60	< 0.5	< 2	1.17	< 0.5	18	41	72	3.46	< 10	< 1	0.10	10	0.99	688
R34058	205	238	< 5	1.93	< 0.2	5	80	< 0.5	< 2	1.51	< 0.5	23	122	171	3.56	< 10	< 1	0.22	10	0.62	512
R34059	205	238	< 5	1.69	< 0.2	< 5	40	< 0.5	< 2	1.29	< 0.5	24	59	135	3.55	< 10	< 1	0.12	10	0.50	371
R34060	205	238	25	1.68	1.0	10	30	< 0.5	< 2	2.61	< 0.5	54	16	133	11.15	< 10	< 1	0.07	20	1.03	708
R34061	205	238	10	1.86	0.8	< 5	40	< 0.5	< 2	2.96	0.5	44	16	122	9.97	< 10	< 1	0.13	20	0.93	734
R34062	205	238	20	2.09	0.6	25	40	< 0.5	< 2	2.88	< 0.5	44	91	119	10.10	< 10	< 1	0.21	20	0.89	749
R34063	205	238	20	2.24	0.6	10	30	< 0.5	< 2	2.35	< 0.5	34	21	86	7.41	< 10	< 1	0.14	20	1.19	789

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CERTIFICATE OF ANALYSIS A8815644

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
R34051	205	238	< 1	0.04	6	1000	10	< 5	2	37	0.13	< 10	< 10	57	< 5	112
R34052	205	238	1	0.03	7	680	28	< 5	2	31	0.12	< 10	< 10	27	< 5	78
R34053	205	238	< 1	0.05	11	870	6	< 5	3	34	0.23	< 10	< 10	61	< 5	98
R34054	205	238	< 1	0.03	11	1060	< 2	< 5	4	68	0.23	< 10	< 10	63	< 5	79
R34055	205	238	< 1	0.03	8	990	4	< 5	4	38	0.21	< 10	< 10	74	< 5	94
R34056	205	238	3	0.04	16	690	8	< 5	6	58	0.21	< 10	< 10	86	< 5	56
R34057	205	238	< 1	0.14	11	1230	2	< 5	4	55	0.19	< 10	< 10	67	< 5	60
R34058	205	238	< 1	0.17	18	1140	< 2	< 5	6	62	0.18	< 10	< 10	78	< 5	40
R34059	205	238	1	0.17	17	1050	< 2	< 5	5	55	0.13	< 10	< 10	68	< 5	20
R34060	205	238	1	0.06	25	830	10	< 5	2	128	< 0.01	< 10	< 10	26	< 5	56
R34061	205	238	< 1	0.07	22	790	12	< 5	3	172	< 0.01	< 10	< 10	27	< 5	51
R34062	205	238	< 1	0.08	22	760	14	< 5	4	139	0.01	< 10	10	38	< 5	52
R34063	205	238	< 1	0.06	15	1010	22	< 5	3	123	< 0.01	< 10	< 10	34	< 5	59

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ROCK CHIP SAMPLE RESULTS

SAMPLE NUMBER	WIDTH (m)	DESCRIPTION	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
34051	1.0	Shattered, very rusty andesite	5	<0.2	58	10	112
34052	1.0	Rusty shear in andesite	40	<0.2	132	28	78
34053	3.0	Intensly bleached, altered, veined and pyritized andesite	<5	<0.2	118	6	98
34054	3.0	"	<5	<0.2	137	<2	79
34055	3.0	"	<5	<0.2	90	4	94
34056	3.0	"	<5	<0.2	80	8	56
34057	1.0	Rusty bleached and altered andesite	<5	<0.2	72	2	60
34058	Grab	Epiclote and calcite altered, light purple andesite tuff with veined and richly disseminated pyrite in places	<5	<0.2	171	<2	40
34059	Grab	Same as 34058, M. Shewchuk sample	<5	<0.2	135	<2	20
34060	3.05	Drill sludge from 250ft - 260ft from DDH M-2 (sulphide zone)	25	1.0	133	10	56
34061	1.22	" 273.5 - 277.5 ft	10	0.8	122	12	51
34062	2.13	" 284 - 291ft	20	0.6	119	14	52
34063	1.52	" 291 - 296ft	20	0.6	86	22	59

Appendix II

DRILL LOGS

DRILL HOLE EVALUATION SUMMARY

Company Murphy Shewchuk Property Goldrop Section No. Hole No. DDH-88-1

Started Jan 10, 1988	Bearing 000°	Lat.	Collar El.	Logged by Grant Crooker	
Completed Jan 20, 1988	Angle -70°	Dep.	Bottom El.	Remarks	
Driller Adam Drilling Ltd	Length 115.24 m	Location	Level		

INTERVAL From	INTERVAL To	CORE RECOVERED Wt.	Ft.	%	DESCRIPTION	Sample No.	Interval m	ASSAY m width	Au ppb	Cu ppm	Zn ppm	Ag ppm	
0	6.10				Casing								
6.10	25.0				light to dark green andesite, 1% py	—	22.56-25.71	3.35	<5	—	—	—	S
					12.5-13.26 - lapilli tuff?								
					15.4, 59.5, 20.12, 20.27, 20.58, 22.10, 5 to 10 cm								
					sections of 5% py								
25.0	25.46				broken core, andesite with quartz veinlet	—	24.70-25.30	0.6	tr	—	—	—	S
					• 10°-20° to core, up to 5% py								
25.46	33.54				dark green andesite								
					25.46-26.22 - 5 mm fractures with calcite,								
					5% py, parallel to hole								
33.54	44.05				white to light grey to cream coloured lapilli tuff	—	35.37-36.59	1.22	10	49	26	0.4	S
					and breccia?, some in siliceous matrix, larger	—	36.59-38.42	1.83	5	38	47	<0.2	S
					fragments of purple andesite, weakly fractured &								
					carbonate alt., 5% py, some around margins of								
					fragments.								
44.05	44.66				light green andesite, 2% py, up to 4 mm								
					plagioclase phenocrysts, narrow calcite veinlets 30°								
44.66	54.27				cream to grey lapilli tuff and breccia?								
					5 to 10% py in segregations, minor fracturing	—	47.56-50.0	2.44	<5	47	32	<0.2	S

DRILL HOLE EVALUATION SUMMARY

Company Murphy Shewchuk Property Goldtrop Section No. Hole No. DDH-88-1

Started	Bearing	Lat.	Collar El.	Logged by	
Completed	Angle	Dep.	Bottom El.	Remarks	
Driller	Length	Location	Level		

INTERVAL From	INTERVAL To	CORE RECOVERED Wt.	Ft.	%	DESCRIPTION	Sample No.	Interval m	ASSAY m width	Au ppb	Cu ppm	Zn ppm	Ag ppm	
					with carbonate(calcite).								
					49.09-49.85 - siliceous fragments								
					52.90-53.20 - fractures, up to 5mm calcite vein.								
					53.96-54.27 - fracturing with carbonate alt.								
54.27	55.79				light green andesite								
55.79	56.10				fault gouge								
56.10	71.80				cream to grey to orange volcanic breccia, purple	—	61.59-64.02	2.43	<5	14	30	<0.2	S
					andesite fragments, 1-10% py in segregations,	—	64.02-67.38	3.36	5	25	23	0.2	S
					weak to moderate carbonate alt.	—	67.07-68.6	1.53	10	3	26	0.7	C
						—	68.6-70.12	1.52	3	3	22	0.8	C
						3819	68.6-69.66	1.06	1	11	79	01	C
						3818	69.66-70.88	1.22	6	18	99	0.1	C
						—	68.6-70.12	1.52	tr	—	—	—	S
						—	70.12-71.65	1.53	5	4	26	0.8	C
71.80	74.70				light to dark green andesite, 2% py, week	—	71.65-73.17	1.52	3	162	36	0.8	C
					to moderate carbonate alt								
74.70	76.52				white to light grey lapilli tuff, 5% py in	—	74.70-76.22	1.52	2	10.2	41	0.7	C
					segregations, moderate carbonate alt	3817	74.85-75.46	0.61	1255	87	1369	0.5	C
76.52	78.35				light to dark green andesite, 2-5% py								

DRILL HOLE EVALUATION SUMMARY

Company Murphy Shewchuk Property Goldrop Section No. Hole No. DDH-88-1

Started	Bearing	Lat.	Collar El.	Logged by
Completed	Angle	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

INTERVAL From	INTERVAL To	CORE RECOVERED Wt.	Ft.	%	DESCRIPTION	Sample No.	Interval m	ASSAY m width	Au ppb	Cu ppm	Zn ppm	Mo ppm	
78.35	80.79				dark brown breccia with quartz breccia	—	78.35-79.88	1.53	12	9	23	0.7	C
					fragments up to 5mm, weak carbonate alt,								
					2% diss py								
80.79	81.71				light green bleached andesite								
81.71	82.93				light grey to green lapilli tuff and breccia,								
					rounded fragments within a grey siliceous matrix								
82.93	86.28				light to dark green andesite, 4mm plagioclase	—	84.45-87.8	3.35	<5	—	—	—	S
					phenocrysts								
86.28	88.41				light grey to cream lapilli tuff, 5% diss py								
88.41	91.16				augite? andesite, up to 5mm augite? phenocrysts								
					in a light grey-green matrix, 2-3% py								
91.16	106.4				light grey to light green lapilli tuff, orange	—	95.88-96.49	0.61	2	3	24	0.7	C
					fragments (alt)								
106.4	115.24				dark green andesite, epidote on fractures								
					114.02-114.48 - 10% epidote								
115.24					End of Hole								

DRILL HOLE EVALUATION SUMMARY

Company Murphy Shewchuk Property Goldrop Section No. Hole No. DDH-88-2

Started May 10, 1988	Bearing 085°	Lat.	Collar El.	Logged by Grant Crooker	
Completed May 20, 1988	Angle -57°	Dep.	Bottom El.	Remarks	
Driller Adam Drilling Ltd.	Length 157.01 meters	Location	Level		

INTERVAL From	INTERVAL To	CORE RECOVERED Wt.	CORE RECOVERED Ft.	CORE RECOVERED %	DESCRIPTION	Sample No.	Interval m	ASSAY m Width	ASSAY Au ppb	ASSAY Cu ppm	ASSAY Zn ppm	ASSAY Ag ppm	
0	3.35				Casing								
3.35	8.90			66	broken core, light grey-green andesite,								
					2-4mm feldspar phenocrysts, chlorite alt.,								
					1-5% d.ss. py, minor calcite veinlets, silicification								
8.90	21.65			96	light grey-green andesite, chlorite alt.,	3801	17.6-18.6	1.0	1	178	195	0.3	C
					narrow fractures with calcite, 1-2% d.ss. py								
					14.30 - flecks cpy in calcite veinlet								
					16.77-21.65 - flecks of red hematite along								
					1 to 5mm silicified fractures								
21.65	22.25			73	light grey-green andesite, oxidized, weak	3802	21.65-22.87	1.22	1	93	99	0.3	C
					silicification, 1-2mm blebs hematite								
22.25	24.89			74	grey-green andesite, minor calcite								
					veinlets, 2% py								
24.89	26.47			77	weak silicification, oxidized, flecks cpy								
26.47	27.10			97	grey-green andesite								
27.10	30.69			77	light grey lapilli tuff, up to 20mm fragments	—	27.44-29.27	1.83	tr	155	107	0.2	S
					1-2% py, weak clay alt.	—	29.27-30.79	1.52	tr	219	80	0.2	S
30.69	32.67			92	light grey fault gouge	—	30.79-32.62	1.83	tr	162	62	0.2	S
32.67	36.45			91	light to dark grey andesite, weak to moderate	—	32.62-35.06	2.44	tr	117	79	0.2	S

DRILL HOLE EVALUATION SUMMARY

Company Murphy Shewchuk Property Goldrop Section No. Hole No. DDH-88-2

Started	Bearing	Lat.	Collar El.	Logged by	
Completed	Angle	Dep.	Bottom El.	Remarks	
Driller	Length	Location	Level		

INTERVAL From	INTERVAL To	CORE RECOVERED Wt.	Ft.	%	DESCRIPTION	Sample No.	Interval m	ASSAY m width	Au ppb	Cu ppm	Zn ppm	Ag ppm	
					Shearing, foliation @ 60°, weak carbonate alt.& silicification, minor breccia, 2-3% py on fractures, 2% galena @ 35.60 over 2cm								
36.45	38.96			96	light green tuff, 1% py	—	38.41-37.63	1.22	20	144	68	0.8	S
38.96	41.10			89	light grey breccia zone? 4cm fragments,	3803	39.66-40.81	1.15	46	27	64	0.9	C
					up to 2cm quartz fragments, weak silicification	—	39.94-41.16	1.22	65	135	66	2.0	S
					2-4% py around margins of fragments	3804	40.81-41.81	1.0	6	100	28	0.6	C
41.10	42.68			99	light grey-green andesite, up to 5% py replacing	3805	41.81-43.51	1.48	1	140	72	0.3	C
					chlorite, narrow carbonate alt. zones								
42.68	42.98			57	grey-white lapilli tuff, 5% py								
42.98	49.09			64	light grey-green andesite, chlorite clots with								
					py, minor silicification, calcite veinlets,								
					sericite, 2-3% py on fractures								
49.09	49.59			93	breccia zone?, weak silicification &								
					carbonate alt., 5% py								
49.59	53.90			93	light green andesite, chlorite, minor py								
					& fractures with calcite silicification								
53.90	57.16			85	weakly to moderately clay alt. andesite, 1-3%	3806	53.98-55.03	1.05	6	106	27	0.2	C
					py, talc on fractures								

DRILL HOLE EVALUATION SUMMARY

Company Murphy Shewchuk Property Goldrop Section No. Hole No. DDH-88-2

Started	Bearing	Lat.	Collar El.	Logged by	
Completed	Angle	Dep.	Bottom El.	Remarks	
Driller	Length	Location	Level		

INTERVAL From	INTERVAL To	CORE RECOVERED Wt.	Ft.	%	DESCRIPTION	Sample No.	Interval m	ASSAY m width	Au ppb	Cu ppm	Zn ppm	Ag ppm	
57.16	59.42			97	light green andesite, 1% py, minor carbonate alt								
59.42	61.83			99	weakly to moderately clay alt andesite, 5-8% py	3807	60.43-61.43	1.0	4	54	17	0.3	C
61.83	62.15			95	light green andesite, 2% py								
62.15	63.98			95	weakly to moderately clay alt andesite, 2% py,								
					minor calcite veinlets & silicification								
63.98	64.69			95	green andesite, 2% py								
64.69	67.42			75	weakly to moderately clay alt andesite,								
67.42	68.30			99	green andesite, 2% py								
68.30	85.15			96	light grey, weakly to moderately clay alt lapilli	34060	76.22-79.27	3.05	25	133	56	1.0	S
					tuff, 2-5% py, minor calcite veinlets &	34061	83.38-84.60	1.22	10	122	51	0.8	S
					silicification, 1-5% py on some fractures								
					75.0 - quartz fragments, possible breccia?								
85.15	86.28			95	green andesite, 1% py								
86.28	95.35			96	light grey, weakly to moderately clay alt lapilli	34062	86.58-88.72	2.13	20	119	52	0.6	S
					tuff, minor calcite veinlets & silicification	34063	88.72-90.24	1.52	20	86	59	0.6	S
					88.35 - 2-3% black sulphide								
95.35	118.35			90	pale green andesite, chloritic, 1-2% py, minor	—	94.82-97.56	2.74	24	131	155	1.2	S
					calcite veinlets & silicification								
					95.63 - black sulphide								

DRILL HOLE EVALUATION SUMMARY

Company Murphy Shewchuk Property Goldrop Section No. Hole No. DDH-88-2

Started	Bearing	Lat.	Collar El.	Logged by	
Completed	Angle	Dep.	Bottom El.	Remarks	
Driller	Length	Location	Level		

INTERVAL From	INTERVAL To	CORE RECOVERED Wt.	Ft.	%	DESCRIPTION	Sample No.	Interval m	ASSAY m width	Au ppb	Cu ppm	Zn ppm	Ag ppm	
					96.76 - 96.99 - silicified zone, 25% massive py	3808	96.21 - 96.91	0.70	24	49	401	0.4	C
					103.05 - black sulphides								
					107.5 - 2cm massive py								
118.35	119.87			99	calcite flooding, minor silicification, 10% py,	3809	118.35-119.87	1.52	88	216	2176	0.8	C
					minor sph, mineralization @ 70° to core								
119.87	120.58			99	green andesite								
120.58	121.62			99	calcite, minor silicification, 5-10% py, 10cm fault	3810	120.53-121.62	1.05	45	65	285	0.8	C
					gouge at end								
121.62	122.12			99	calcite veinlets, minor silicification, mineralizat.	3811	121.62-122.12	0.60	365	2481	91226	4.6	C
					@ 45° to core, 10% py, 10% sph.								
122.12	122.83			99	green andesite								
122.83	123.43			99	calcite with 10% py, 10% sph, minor cpy	3812	122.83-123.43	0.60	445	2438	85063	2.6	C
123.43	125.98			99	green andesite, narrow 1-4 cm calcite	—	123.78-126.83	3.05	56	301	9430	1.8	S
					veinlets @ 45° to core, with py, sph	3813	124.53-125.29	0.76	116	170	3169	0.6	C
125.98	126.48			99	calcite veinlets, andesite, 1-2% py	3814	125.98-126.48	0.50	110	95	677	0.8	C
126.48	126.98			99	calcite, 25% py, 10% sph, 1% cpy	3815	126.48-126.98	0.50	5590	4039	74357	12.6	C
126.98	128.08			99	green andesite, bleached, carbonate alt.,	3816	126.98-128.08	1.10	73	111	5946	0.6	C
					1% py, 1% sph,								
128.08	157.01			94	green andesite, minor calcite veinlets								

DRILL HOLE EVALUATION SUMMARY

Company Murphy Shewchuk Property Goldrop Section No. Hole No. DDH-88-2

Started	Bearing	Lat.	Collar El.	Logged by
Completed	Angle	Dep.	Bottom El.	Remarks
Driller	Length	Location	Level	

INTERVAL From	INTERVAL To	CORE RECOVERED Wt.	CORE RECOVERED Ft.	CORE RECOVERED %	DESCRIPTION	Sample No.	Interval	ASSAY
					123.63–133.08 – grey fault gouge			
					134.63 – 134.83 – grey fault gouge			
					135.81 – 2cm white calcite veinlet @ 80°			
					138.25 – 4cm calcite veinlet @ 20°, 5% py			
					138.45 – 3cm calcite veinlet @ 45°			
					140.04 – 3cm calcite veinlet @ 20°			
					145.90 – 5cm calcite veinlet @ 80°, 6% py			
					146.04–146.34 – crushed zone, shear?			
157.01					End of Hole			

Appendix III

COST STATEMENT

COST STATEMENT

SALARIES		
- Grant Crooker, Geologist March 2-4, June 24, 25, July 10, 13, 1988 7 days at $ 350.00 per day	$	2,450.00
DRILL COSTS		
- Longyear 38 Diamond Drill 272.25 meters (BQ) @ $ 75.00 per meter		20,418.75
ANALYSIS		
- 52 core/sludge samples, ICP, Au-fire @ $ 16.25/sample		845.00
- 8 core/sludge samples, Pt, Pd @ $ 8.00/sample		64.00
- 1 core sample, rare earths, @ $ 35.00/sample		35.00
PREPARATION OF REPORT		
- Secretarial, reproduction, telephone, etc.		300.00
Total	$	24,112.75