



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
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AUTHOR(S) Michael Renning SIGNATURE(S) Michael Renning

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED Nov. 14, 1990 YEAR OF WORK 1990

PROPERTY NAME(S) Amber - 1

COMMODITIES PRESENT Cu, Zn, Ag, Pb

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN none

MINING DIVISION Skeena NTS 103 H 13

LATITUDE 53° 49' LONGITUDE 129° 27'

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

Amber - 1 claim

OWNER(S)
(1) Darren Hayes (2)

MAILING ADDRESS
c/o 1209 - 510 W. Hastings St
Vancouver B.C. V6B 1L8

OPERATOR(S) (that is, Company paying for the work)
(1) Michael Renning (2)

MAILING ADDRESS
1209 - 510 W. Hastings St
Vancouver B.C. V6B 1L8

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):
Massive sulfide showing within a package of metasedimentary rocks in contact with the younger Coast Plutonic Complex granodiorite.

REFERENCES TO PREVIOUS WORK Geological and Geochemical report by New Global Resources Ltd. July 25, 1988

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ACTION:
FILE NO:

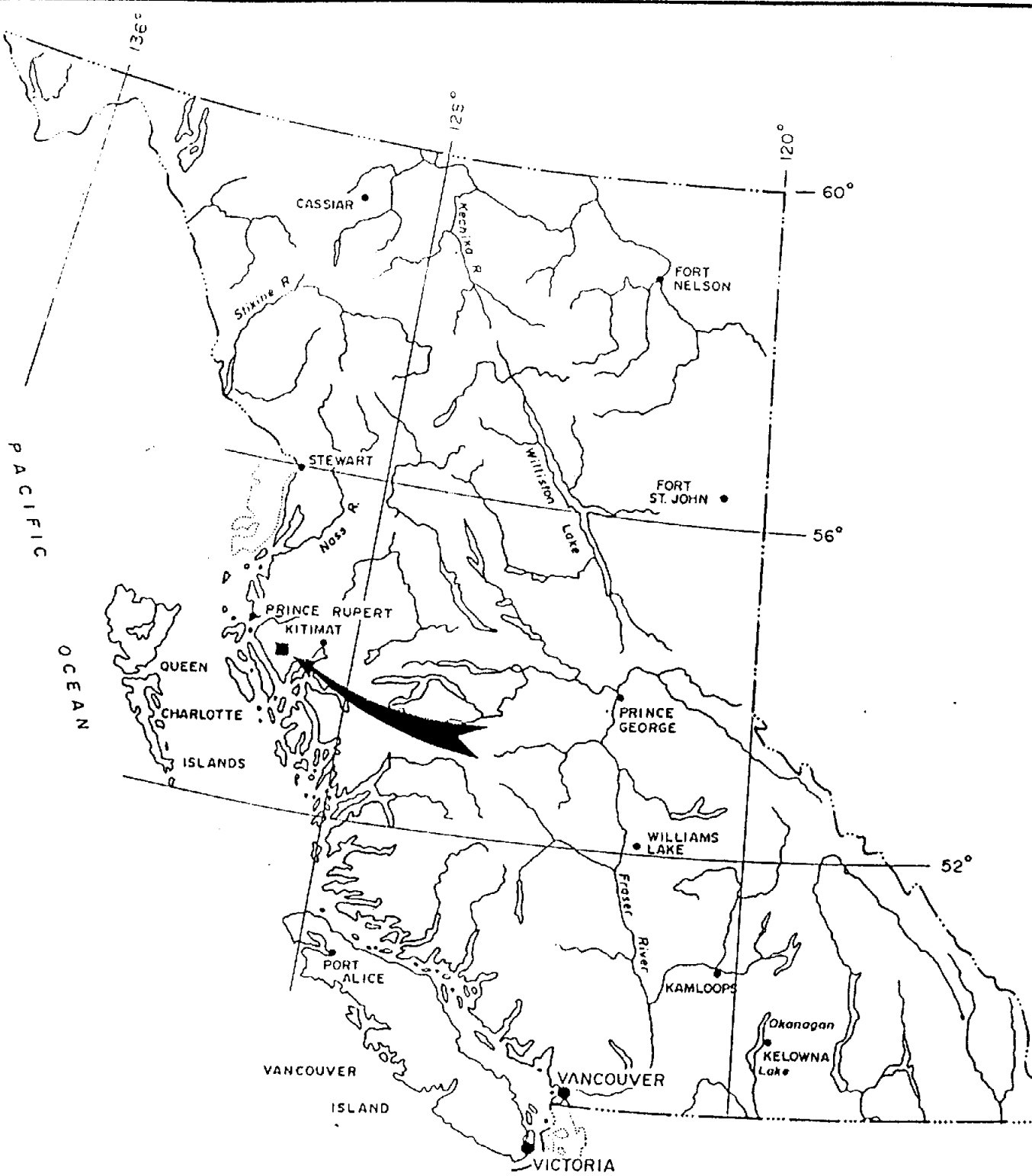
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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,958

SUMMARY

The one day visit to the Amber-1 Property was carried out under adverse weather conditions on November 9, 1990. The property was covered with approximately four feet of snow. The main creek was unfrozen and flowing freely as were some of the smaller tributaries. Under these conditions a limited number of silt samples were taken downstream of the known massive sulphide showing. Some have speculated that the massive sulphide is actually skarn related rather than volcanogenic. To help support the notion of an ocean floor deposition of sulphides special attention should be given to the high barium values in any silt samples collected. Higher barium values outlined by silt and soil sampling may lead to the discovery of stratabound barite. This kind of evidence would likely attract the kind of attention needed to help raise further financing for exploration.



BRITISH COLUMBIA

Scale - 1 : 7.5 Million

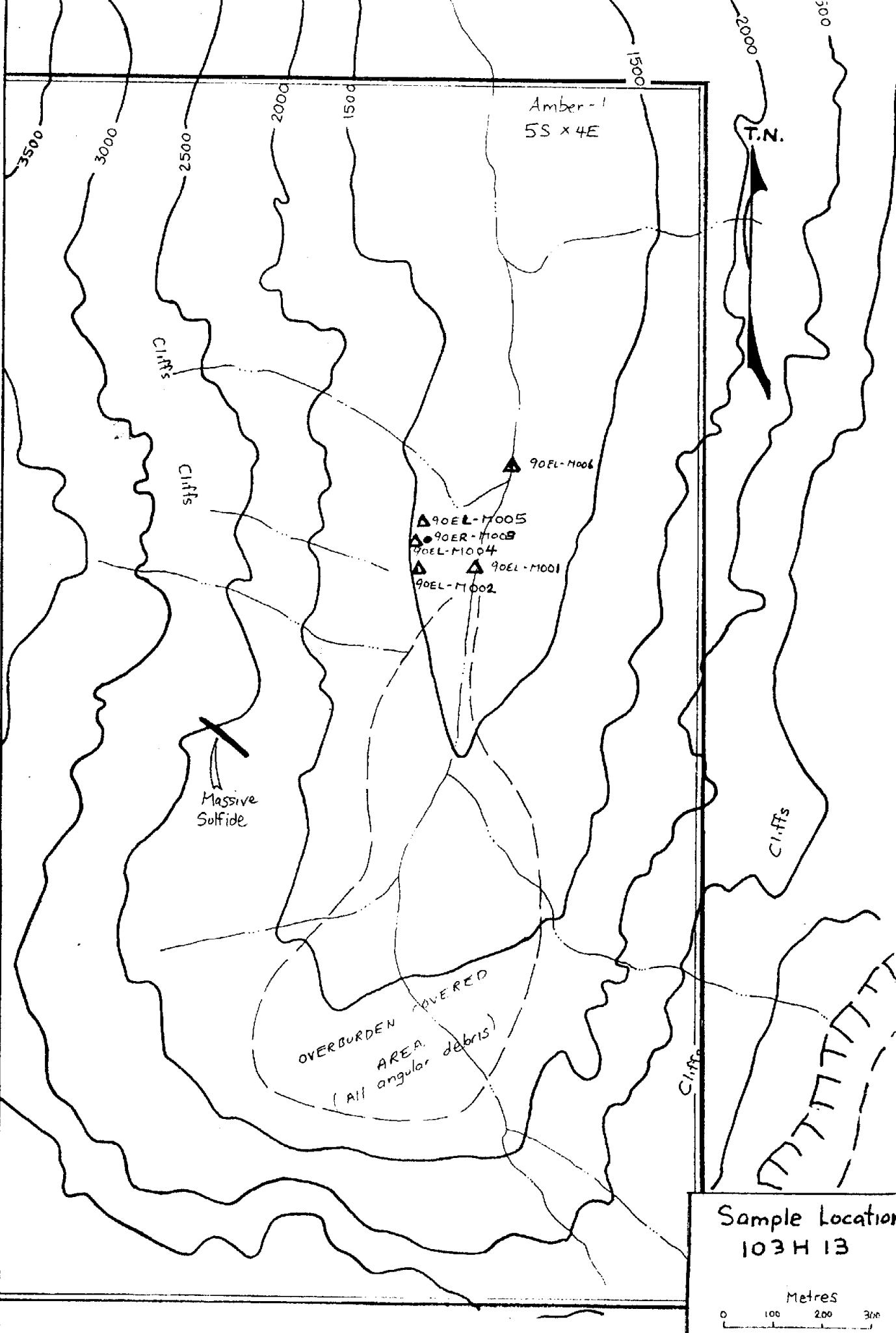
LEGEND

■ location of Amber-1 Claim

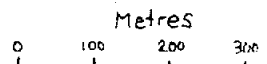
General Location Map

Amber-1 Claim

N.T.S. 103 H 13



Sample Locations
103 H 13



PROPERTY GEOLOGY

The metasedimentary rocks on the property are in contact with the younger Coast Plutonic Complex granodiorite. The schists and metasedimentary rocks strike between 230 degrees on the east side of the valley and 258 degrees on the west side with the dip being easterly.

RESULTS

It seems that the silt sampling could be useful in locating an area which may contain barite.

Based on just five silt samples, it appears that the closest sample to the massive sulphide is highest in barium. Despite the lack of data, it is hopeful that barite can be found in close association with the massive sulphide showing.

APPENDIX I - STATEMENT OF COSTS

AMBER-1 CLAIM

OWNED BY DARREN HAYES

DATE OF WORK: NOVEMBER 9, 1991

STATEMENT OF COSTS

Amber-1 Claim, Ecstall River Area

Wages

Michael D. Renning, Prospector 5 days @ \$300.00/day	\$1,500.00
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Transportation

Car from Vancouver to Prince Rupert 5 days @ \$25.00/day	125.00
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Helicopter, Vancouver Island Helicopters 0.8/hrs @ \$635.00/hr, plus fuel	573.60
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Fuel for Car	211.07
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Accommodation and Meals	218.56
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Analysis	134.82
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Report Writing	<u>200.00</u>
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TOTAL	<u>\$2,963.05</u>
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APPENDIX II - ANALYTICAL PROCEDURE

AND

ASSAY CERTIFICATES

AMBER-1 CLAIM



Chemex Labs Ltd.

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

To: RENNING, MICHAEL

1209 - 510 W. HASTINGS
VANCOUVER, BC
V6B 1L8

A9110140

Comments:

CERTIFICATE	A9110140
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RENNING, MICHAEL

Project: 031051
P.O. #: NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-JAN-91.

SAMPLE PREPARATION		
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	1	Assay ring to approx 150 mesh
294	1	Crush and split (0-10 pounds)
290	1	Assay total ICP digestion charge

ANALYTICAL PROCEDURES					
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
101	1	Au ppb: Fuse 10 g sample	FA-NAA	1	10000
578	1	Ag ppm: 24 element, rock & core	AAS	0.5	200
573	1	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	1	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	1	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	1	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	1	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	1	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	1	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	1	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	1	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	1	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	1	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	1	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	1	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	1	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	1	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	1	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	1	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	1	Pb ppm: 24 element, rock & core	ICP-AES	2	10000
582	1	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	1	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	1	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	1	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	1	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



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A9110141

Comments:

CERTIFICATE **A9110141**

RENNING, MICHAEL

Project: 031051
P.O.#: NONE

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-JAN-91.

SAMPLE PREPARATION		
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	5	Dry, sieve to -80 mesh
232	5	PERCHLORIC-NITRIC-HYDROFLUORIC D

ANALYTICAL PROCEDURES					
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
101	5	Au ppb: Fuse 10 g sample	FA-NAA	1	10000
578	5	Ag ppm: 24 element, rock & core	AAS	0.5	200
573	5	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	5	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
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570	5	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	5	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	5	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	5	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	5	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	5	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	5	Pb ppm: 24 element, rock & core	ICP-AES	2	10000
582	5	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	5	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	5	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	5	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	5	Zn ppm: 24 element, rock & core	ICP-AES	2	10000



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Page Number : 1-A
Total Pages : 1
Invoice Date: 21-JAN-91
Invoice No. : I-9110141
P.O. Number : NONE

Project : 031051
Comments:

CERTIFICATE OF ANALYSIS A9110141

SAMPLE DESCRIPTION	PREP CODE	Au NAA ppb	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)
90EL-M001	201 232	< 1	< 0.5	7.48	1220	< 0.5	< 2	5.97	< 0.5	17	88	46	4.48	1.42	2.32
90EL-M002	201 232	1	0.5	7.25	1320	< 0.5	< 2	5.14	< 0.5	22	144	72	4.56	1.34	2.43
90EL-M004	201 232	2	0.5	8.70	290	< 0.5	< 2	4.38	< 0.5	23	13	48	5.61	0.89	1.72
90EL-M005	201 232	5	< 0.5	8.84	330	< 0.5	< 2	3.85	< 0.5	8	17	61	5.67	1.06	1.63
90EL-M006	201 232	< 1	0.5	8.13	1020	< 0.5	< 2	5.14	< 0.5	15	64	62	4.58	1.45	2.06

CERTIFICATION:



Chemex Labs Ltd.

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

To: RENNING, MICHAEL

1209 - 510 W. HASTINGS
VANCOUVER, BC
V6B 1L8

Page Number : 1-A
Total Pages : 1
Invoice Date: 15-JAN-91
Invoice No. : I-9110140
P.O. Number : NONE

Project : 031051

Comments:

CERTIFICATE OF ANALYSIS A9110140

SAMPLE DESCRIPTION	PREP CODE	Au NAA ppb	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)
90ER-M003	208 294	9	1.0	2.59	1170	0.5	6	1.09	0.5	7	396	110	2.08	0.63	0.62

CERTIFICATION:

B. Coughlin



Chemex Labs Ltd.

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

To: RENNING, MICHAEL

1209 - 510 W. HASTINGS
VANCOUVER, BC
V6B 1L8

Project: 031051
Comments:

Page Number : 1-B
Total Pages : 1
Invoice Date: 15-JAN-91
Invoice No. : I-9110140
P.O. Number : NONE

CERTIFICATE OF ANALYSIS

A9110140

SAMPLE DESCRIPTION	PREP CODE	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
90ER-M003	208 294	135	15	0.73	72	1460	52	99	0.13	132	< 10	186			

CERTIFICATION:

B. Coughlin

APPENDIX III - STATEMENT OF QUALIFICATIONS

AMBER-1 CLAIM

MICHAEL D. RENNING, PROSPECTOR

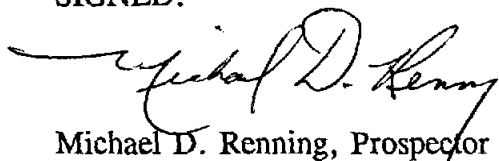
STATEMENT OF QUALIFICATIONS

I, Michael D. Renning, Prospector, of AMBER MINERALS LTD., with offices at 1209 - 510 West Hastings, in the City of Vancouver, in the Province of British Columbia, hereby certify that:

1. I have been involved in the mineral exploration business since 1981 and have been employed by such mining companies as B.P. Minerals Ltd.; Selco; PNC Exploration; J. Paul Stevenson and Associates, Natural Resource Exploration and Development Ltd.; and Keewatin Engineering. I am presently owner and operator of Amber Minerals Ltd., and I work as an independent prospector.
2. I have very briefly visited the Amber-1 property and performed a limited geochemical survey on the claim.
3. I have no interest, either directly or indirectly, in the Amber-1 claim nor in the company which presently owns it.
4. I consent to Darren Hayes in using this report in its entirety only for assessment purposes. No portion of this report may be extracted from the body of this report and reproduced without written approval of the author.

Dated this 5th day of February 1991

SIGNED:



Michael D. Renning, Prospector