

LOG NO:	AUG 03 1993	RD.
ACTION:		
FILE NO:		

**GEOLOGY AND SOIL GEOCHEMISTRY
SNOWSTORM FRACTION MINERAL CLAIM
SLOCAN MINING DIVISION
PAYNE MOUNTAIN
SANDON, B.C.
NTS 82 K/3 E
LATITUDE 50°00'15"N, LONGITUDE 117°13'30"W**

FILMED

SUB-RECORDER
RECORDED
JUL 29 1993

**Locke B. Goldsmith, P.Eng., P.Geo.
Consulting Geologist**

December 10, 1992

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,961

TABLE OF CONTENTS

SUMMARY	1
PROPERTY LOCATION, ACCESS	2
HISTORY	2
GENERAL GEOLOGY AND MINERALIZATION	2
LOCATION MAP	3
CLAIM MAP	4
SOIL GEOCHEMISTRY	5
CONCLUSIONS	5
RECOMMENDATIONS	5
COST ESTIMATE	6
ENGINEER'S CERTIFICATE	7
REFERENCE	8
COST STATEMENT	9
APPENDIX:	
Analytical Procedures	
Geochemical Analyses	
MAPS	(Pocket inside back cover)
Geology, Showing Ag Geochemistry, Scale 1:2000	
Geology, Showing Pb Geochemistry, Scale 1:2000	
Geology, Showing Zn Geochemistry, Scale 1:2000	

**GEOLOGY AND SOIL GEOCHEMISTRY
SNOWSTORM FRACTION MINERAL CLAIM
SLOCAN MINING DIVISION
PAYNE MOUNTAIN
SANDON, B.C.**

SUMMARY

Anomalous silver and lead values in soil occur on the projection of a formerly productive lode zone. A program of hand trenching with geochemical sampling and geological mapping is recommended at a cost of \$9,900.

PROPERTY, LOCATION, ACCESS

The claim is situated on Payne Ridge, approximately 500 metres southeast of the formerly productive Payne Mine. Access is via Highway 31A which joins New Denver and Kaslo, thence on all-weather gravel road to Sandon, from which a dirt road extends northwesterly to the Payne Mine and the Snowstorm Fraction claim. Elevations range from 1920 m (6300') near the western edge of the property to 2050 m (6720') in the eastern corner of the claim.

The claim, formerly the Snowstorm Fraction, lapsed and was restaked as Snowstorm Fraction. Area claimed is approximately 10 hectares.

Claim Name	Size in Units	Former Lot number	Tenure Number	Record Date
Snowstorm Fr	1	920	313633	Oct. 5, 1993

HISTORY

Originally the claim may have been part of the Washington-Slocan Boy group. On the western extension of the Slocan Boy lode two adits were driven, from which production in 1896 on the Snowstorm Fraction of 30 tons grading 322.4 oz Ag/ton and 68% Pb is recorded (Cairnes, 1935, p. 162). A high-grade pocket of galena and silver was mined from this lode on the Slocan Boy claim. All of the adit portals are caved. There is no evidence of recent exploration on the claim.

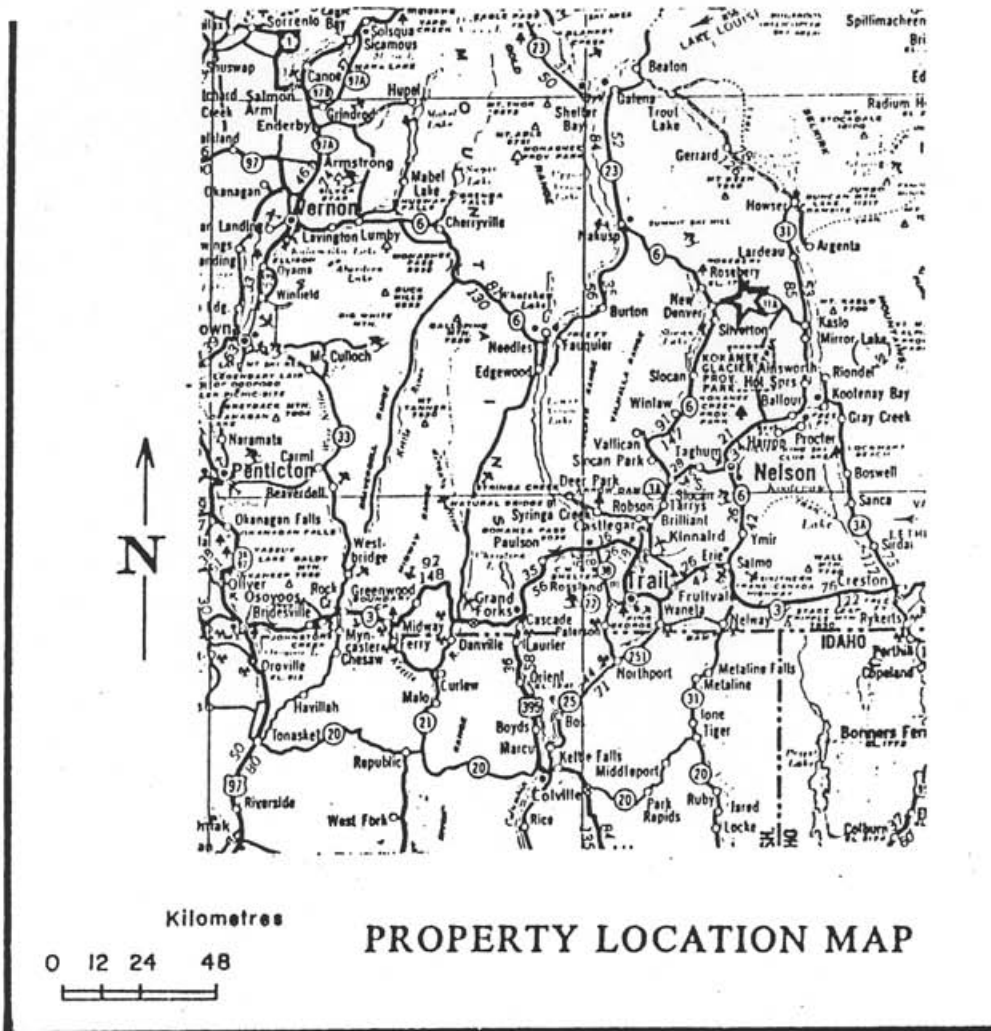
GENERAL GEOLOGY AND MINERALIZATION

The claim is underlain by clastic and limy sediments of the Upper Triassic-Lower Jurassic Slocan Group. Bedding and foliation are peneconcordant with a northwesterly strike and dips which vary from northeasterly to southwesterly. Granitic dykes, sills, and small stocks intrude the sediments nearby although none were observed within the claim. Fracture directions and productive fissure-filling lodes on the property and in the immediate vicinity trend northeasterly and dip to the southeast.

Attitudes of foliation on opposite sides of lodes show deflections, an observation which is useful in projecting structures between outcrops.

Snowstorm Fraction Mineral Claim

SLOCAN MINING DIVISION N.T.S. 83K / 3E



To accompany report by

Locke B. Goldsmith, P.Eng., P.Geo.
Consulting Geologist

DECEMBER 1992



SOIL GEOCHEMISTRY

Sixty-two samples were collected with a long-narrow spade from depths of approximately 30 cm below surface, corresponding approximately to the "C" horizon. Samples were packaged in wet-strength manila envelopes. Analyses were completed by Chemex Labs of North Vancouver, B.C. Procedures and results are included in the Appendix.

The following table displays statistical data concerning metal abundance derived from lognormal probability plots. Years of soil sampling results over Slocan Group rocks have been compiled into this information.

	Ag ppm	Pb ppm	Zn ppm
Background	<2.3	<38	} Possibly two populations
Threshold	2.3 to 4.9	38 to 150	
Anomalous	>4.9	>150	>980

Anomalous values of silver and lead were obtained on lines 2+50W, 2+75W, and 3+00W from approximately 0+80N to 1+00N. These samples appear to be located on the westerly projection of the Slocan Boy lode. Other high values occur at:

2+00W	1+20N
2+00W	1+50N
1+75W	1+70N
1+00W	1+50N
0+00	1+00N

CONCLUSIONS

Anomalous metals in soil on lines 2+50W to 3+00W may overlie a concentration of silver-lead-zinc in a fissure filling. Contamination from adits uphill to the northeast is unlikely because the anomaly occurs on the opposite side of a valley.

RECOMMENDATIONS

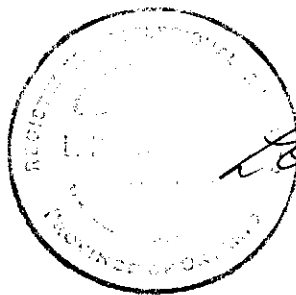
Trenching by hand in soil should be attempted across the trend of the anomaly on lines 2+50W to 3+00W. Additional detailed sampling and trenching near the spot highs (listed above) with geological mapping and sampling of limonites in trenches should be completed.

COST ESTIMATE

Trenching	\$2,000
Geochemical sampling	1,500
Geological mapping, supervision	2,000
Analyses	1,000
Vehicle, fuel	500
Room, board	500
Report	<u>1,500</u>
	9,000
Contingencies @ 10%	<u>900</u>
TOTAL	\$9,900

Results of each Phase should be compiled into an engineering report; continuance to the subsequent Phase should be contingent upon favourable results and conclusions by an engineer.

Respectfully submitted,



Locke B. Goldsmith



Locke B. Goldsmith, P.Eng., P.Geo.
Consulting Geologist

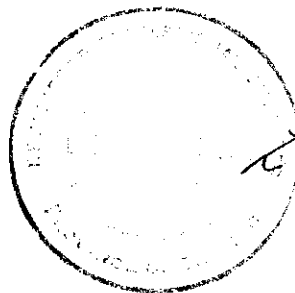
Vancouver, B.C.

December 10, 1992

ENGINEER'S CERTIFICATE

LOCKE B. GOLDSMITH

1. I, Locke B. Goldsmith, am a registered Professional Engineer in the Province of Ontario, and a Registered Professional Geologist in British Columbia and the State of Oregon. My address is 301, 1855 Balsam Street, Vancouver, B.C.
2. I have a B.Sc. (Honours) degree in Geology from Michigan Technological University, a M.Sc. degree in Geology from the University of British Columbia, and have done postgraduate study in Geology at Michigan Tech and the University of Nevada. I am a graduate of the Haileybury School of Mines, and am a Certified Mining Technician. I am a Member of the Society of Economic Geologists, the AIME, and a Fellow of the Geological Association of Canada.
3. I have been engaged in mining exploration for the past 35 years.
4. I have authored the report entitled, "Geology and Soil Geochemistry, Snowstorm Fraction Mineral Claim, Slocan Mining Division, Payne Mountain, Sandon, B.C.", dated December 10, 1992. The report is based upon fieldwork and research supervised by the author.
5. The claim is owned by myself and associates.
6. I consent to the use of this report in a prospectus, or in a statement of material facts related to the raising of funds. Sheets of analyses in the Appendix could be omitted from a prospectus because all values are plotted on maps.



Respectfully submitted,

Locke B. Goldsmith

Locke B. Goldsmith, P.Eng., P.Geo.
Consulting Geologist



Vancouver, B.C.
December 10, 1992

REFERENCE

Cairnes, C.E. 1935. Description of properties, Slocan Mining Camp, B.C.
GSC Memoir 184, p. 162.

COST STATEMENT, 1992 PROGRAM**Personnel**

L.B. Goldsmith, 1/2 Oct. 9, 1/2 10, 1/2 Nov. 18, 1/2 Dec. 10, total 2 days @ \$440/day	\$ 880.00	
C. Donald-Hill, 1/2 Oct. 9, 1/2 10, 1/2 26, total 1-1/2 days @ \$250/day	375.00	
G. Bennett, 1/2 oct. 10, 1/2 26, total 1 day @ 250/day	<u>250.00</u>	
	1505.00	\$1505.00

Transportation

4x4 vehicle, 2-1/2 days @ \$45/day	112.50	
166 km @ \$0.35/dm	58.10	
Gas	<u>16.00</u>	
	186.60	186.60
186.60 divided by 2.5 days = \$74.64/day		

Accommodation, Meals

Accommodation and meals		233.70
233.70 divided by 4.5 man days = \$51.93/man/day		

Analyses

62 samples cost = \$6.15/sample		381.45
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Supplies

Flagging, samples bags		12.30
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Report

Drafting, word processing, materials		<u>360.10</u>
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TOTAL		\$2,679.35
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APPENDIX



Chemex Labs Ltd.

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

To: GOLDSMITH, MR. L. B.

301 - 1855 BALSAM ST.
VANCOUVER, BC
V6K 3M3

A9223047

Comments:

CERTIFICATE

A9223047

GOLDSMITH, MR. L. B.

Project: SNOW
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-OCT-92.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	21	Dry, sieve to -80 mesh
238	21	Nitric-aqua-regia digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	21	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	21	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
6	21	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.2	100.0



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 301 - 1855 BALSAM ST.
 VANCOUVER, BC
 V6K 3M3

Project : SNOW
 Comments:

Page Number : 1
 Total Pages : 1
 Certificate Date: 22-OCT-92
 Invoice No. : I9223047
 P.O. Number :
 Account : QJ

CERTIFICATE OF ANALYSIS A9223047

SAMPLE	PREP CODE	Pb ppm	Zn ppm	Ag ppm Aqua R							
SNOW 0+00BL 0+00	201 238	25	131	0.8							
SNOW 0+00 0+50N	201 238	13	91	0.9							
SNOW 0+00 1+00N	201 238	460	850	3.7							
SNOW 0+00 1+50N	201 238	43	600	1.0							
SNOW 0+00 2+00N	201 238	43	280	0.6							
SNOW 0+00 2+50N	201 238	32	240	2.2							
SNOW 1+00W 0+00N	201 238	32	136	0.7							
SNOW 1+00W 0+50N	201 238	27	320	0.8							
SNOW 1+00W 1+00N	201 238	61	710	0.9							
SNOW 1+00W 1+50N	201 238	280	650	15.9							
SNOW 1+00W 2+00N	201 238	21	390	1.0							
SNOW 2+00W 0+00N	201 238	17	174	0.8							
SNOW 2+00W 0+50N	201 238	76	580	0.8							
SNOW 2+00W 1+00N	201 238	42	184	1.5							
SNOW 2+00W 1+50N	201 238	37	250	5.9							
SNOW 2+00W 2+00N	201 238	16	195	0.6							
SNOW L3W 0+00	201 238	76	650	1.5							
SNOW L3W 0+50N	201 238	41	230	1.1							
SNOW L3W 1+00N	201 238	270	900	10.6							
SNOW L3W 1+50N	201 238	36	350	1.0							
SNOW L3W 2+00N	201 238	34	290	1.4							

CERTIFICATE OF ANALYSIS *Aliciana Alexander*



Chemex Labs Ltd.

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

To: ARCTEX ENGINEERING SERVICES

210 - 580 HORNBY ST.
 VANCOUVER, BC
 V6C 3G6

Page Number : 1
 Total Pages : 2
 Certificate Date: 13-NOV-92
 Invoice No. : 19224455
 P.O. Number :
 Account : FL

Project : SNOW
 Comments: ATTN: L.B. GOLDSMITH

CERTIFICATE OF ANALYSIS

A9224455

SAMPLE	PREP CODE	Pb ppm	Zn ppm	Ag ppm Aqua R							
1+75W 1+20N	201 238	198	590	3.6							
1+75W 1+30N	201 238	61	580	3.6							
1+75W 1+40N	201 238	38	630	0.7							
1+75W 1+50N	201 238	90	590	4.0							
1+75W 1+60N	201 238	56	560	1.5							
1+75W 1+70N	201 238	404	970	6.9							
2+00W 1+20N	201 238	148	830	9.2							
2+00W 1+30N	201 238	162	460	4.6							
2+00W 1+40N	201 238	24	170	1.7							
2+00W 1+60N	201 238	133	320	3.3							
2+00W 1+70N	201 238	74	240	1.7							
2+25W 1+20N	201 238	76	400	2.4							
2+25W 1+30N	201 238	39	302	1.3							
2+25W 1+40N	201 238	30	285	0.9							
2+25W 1+50N	201 238	45	298	1.4							
2+25W 1+60N	201 238	47	340	2.2							
2+25W 1+70N	201 238	36	188	1.2							
2+50W 0+70N	201 238	283	540	1.4							
2+50W 0+80N	201 238	100	465	1.2							
2+50W 0+90N	201 238	233	410	1.8							
2+50W 1+00N	201 238	390	900	11.7							
2+50W 1+10N	201 238	86	540	5.6							
2+50W 1+20N	201 238	27	300	2.8							
2+50W 1+30N	201 238	23	225	0.7							
2+50W 1+40N	201 238	30	308	1.9							
2+50W 1+50N	201 238	23	257	0.9							
2+50W 1+60N	201 238	28	160	1.0							
2+50W 1+70N	201 238	41	155	0.5							
2+75W 0+70N	201 238	76	400	1.7							
2+75W 0+80N	201 238	129	490	6.0							
2+75W 0+90N	201 238	650	630	10.5							
2+75W 1+00N	201 238	840	520	6.0							
2+75W 1+10N	201 238	273	430	2.0							
2+75W 1+20N	201 238	203	420	1.4							
2+75W 1+30N	201 238	48	245	1.0							
3+00W 0+70N	201 238	277	520	1.2							
3+00W 0+80N	201 238	128	285	0.7							
3+00W 0+90N	201 238	365	730	5.2							
3+00W 1+10N	201 238	182	212	1.6							
3+00W 1+20N	201 238	215	466	3.0							

CERTIFICATION: *Adriana Perandrea*



Chemex Labs Ltd.

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

To: ARCTEX ENGINEERING SERVICES

210 - 580 HORNBY ST.
VANCOUVER, BC
V6C 3G6

Project : SNOW
Comments: ATTN: L.B. GOLDSMITH

Page number : 2
Total pages : 2
Certificate Date: 13-NOV-92
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Account : FL

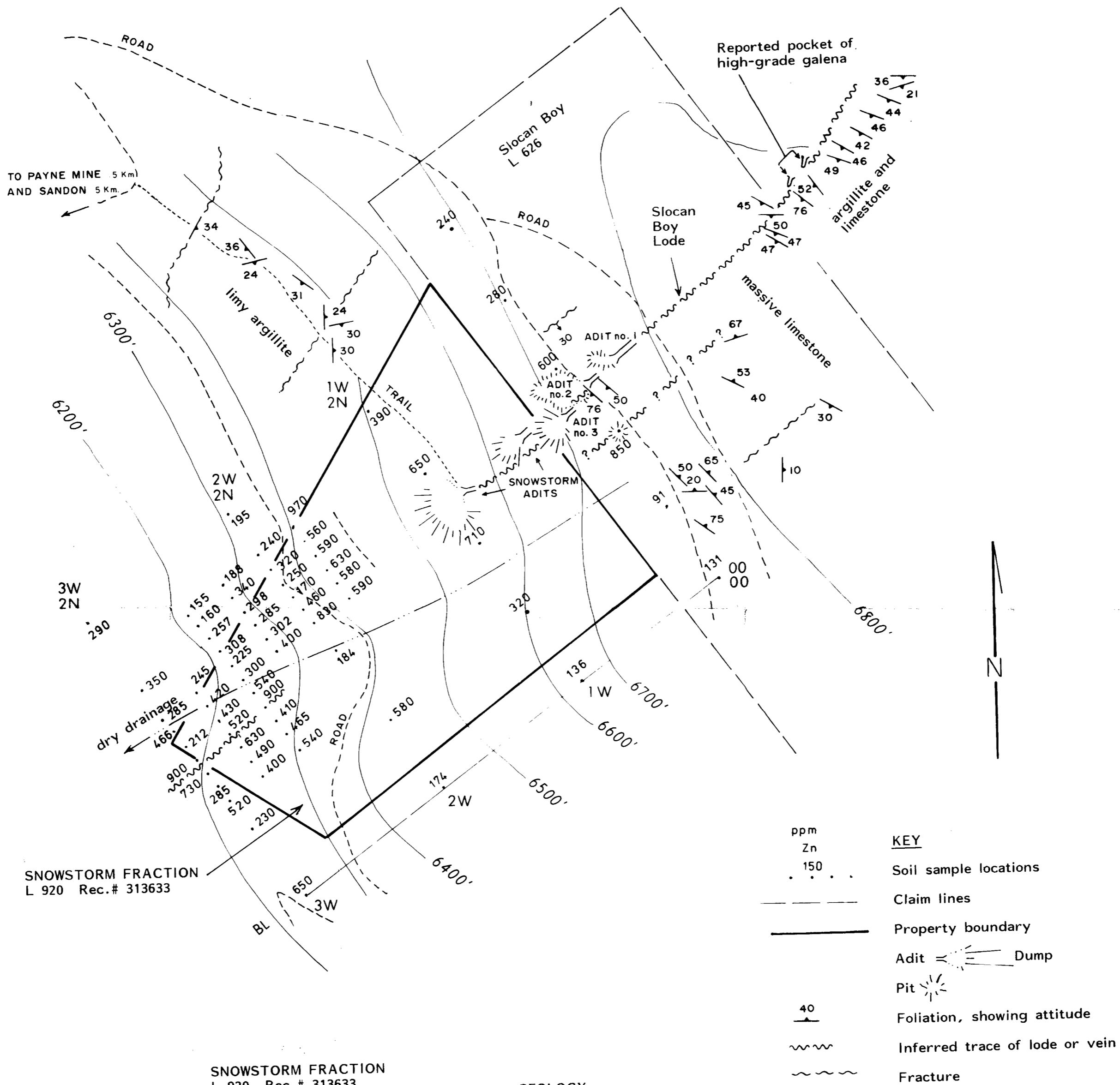
CERTIFICATE OF ANALYSIS A9224455

SAMPLE	PREP CODE		Pb ppm	Zn ppm	Ag ppm Aqua R							
3+00W 1+30N	201	238	68	285	2.2							

CERTIFICATION: *Adriana Riccardia*

Stratigraphy

Upper Triassic to Lower Jurassic SLOCAN GROUP Argillite, limestone

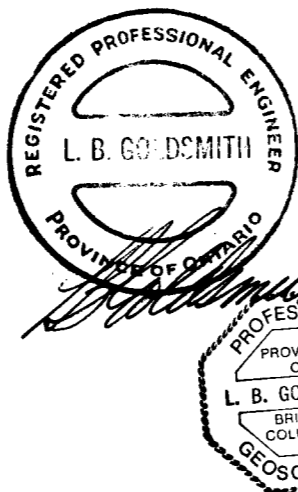


SNOWSTORM FRACTION
L 920 Rec.# 313633

SNOWSTORM FRACTION
L 920 Rec.# 313633

Payne Mountain, Sandon BC,
Slocan Mining Division, NTS 82K/3E

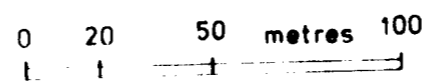
GEOLOGY
Showing
Zn GEOCHEMISTRY



To accompany report by
LOCKE B. GOLDSMITH, P.Eng, P.Geo.

November 1992

Scale 1:2000

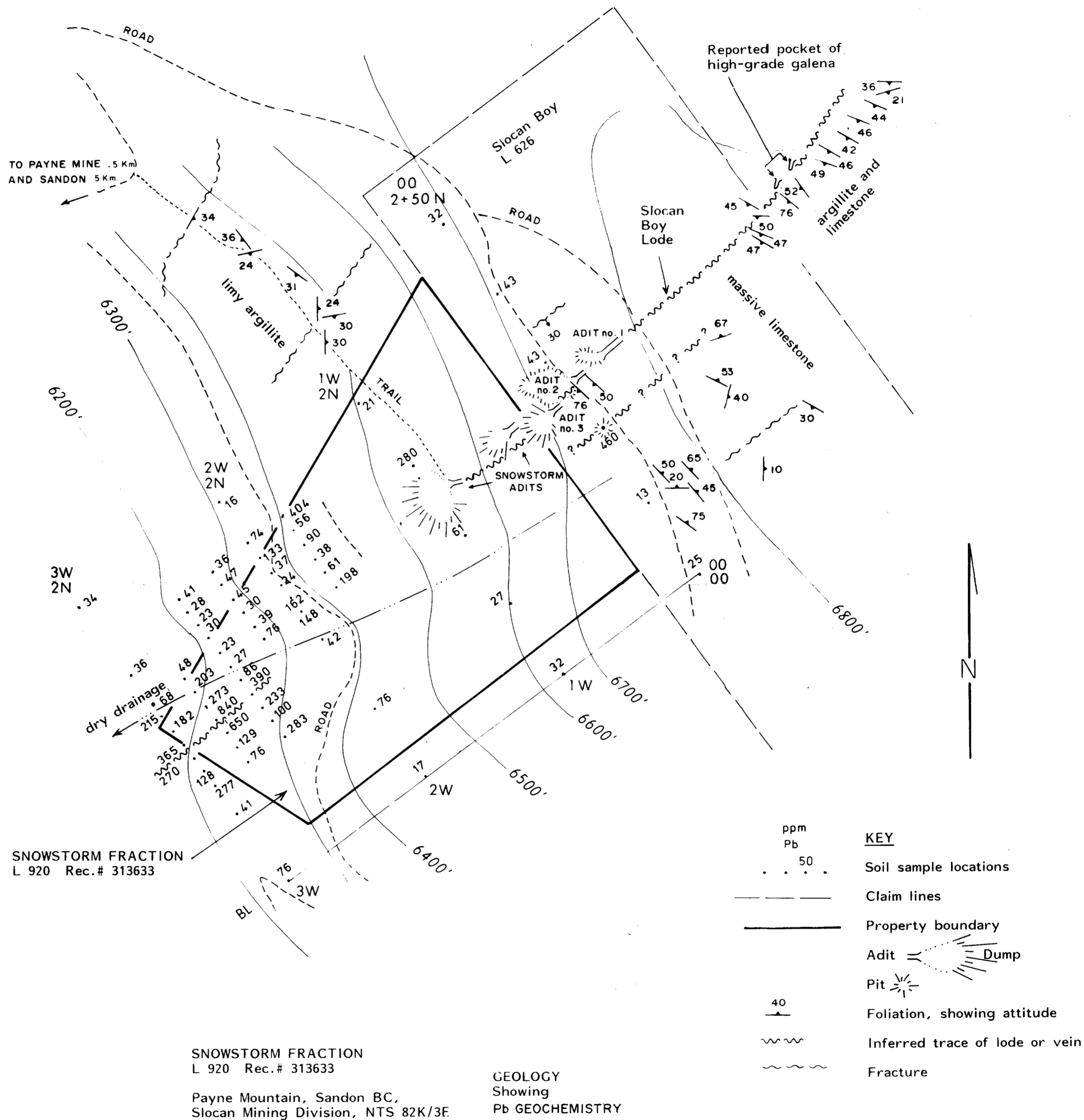


**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,961

Stratigraphy

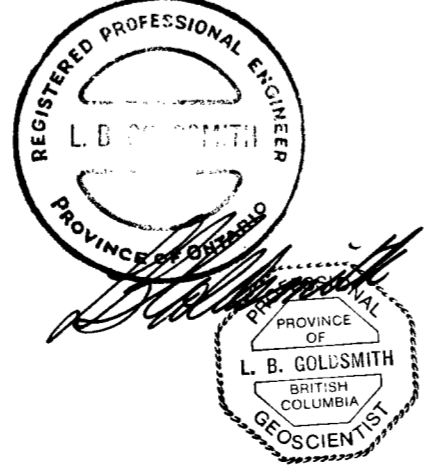
Upper Triassic
to Lower Jurassic SLOCAN GROUP Argillite, limestone



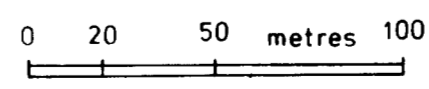
ppm Pb	KEY
. . . 50 . . .	Soil sample locations
---	Claim lines
---	Property boundary
--- Dump	Adit
--- Pit	Pit
40	Foliation, showing attitude
~~~~~	Inferred trace of lode or vein
~~~~~	Fracture

SNOWSTORM FRACTION
L 920 Rec.# 313633
Payne Mountain, Sandon BC,
Slocan Mining Division, NTS 82K/3E

GEOLOGY
Showing
Pb GEOCHEMISTRY



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