

ASSESSMENT REPORT

ON THE

MARK GROUP OF CLAIMS

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,938

TITLE: Assessment Report on the MARK GROUP of Claims.

CLAIMS: Blast 1 (15 units) Doreen 2 (20 units)
Doreen 1 (20 units)

MINING DIVISION: Cariboo

N.T.S. LOCATION: 93 H/4E

LATITUDE: 53⁰ 12' N

LONGITUDE: 121⁰ 39' W

OWNER: Paylode Explorations Ltd.

OPERATOR: Paylode Explorations Ltd.

AUTHORS: W. R. Somerville
D. Mark Taylor
Victor J. Lesperance
Ab Somerville

DATE OF WORK: June 26, 1981 to June 18, 1982

DATE OF REPORT: June 24, 1982

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APPENDIX

Map of MARK Group of Claims with Description
of Work Performed.

INTRODUCTION

The MARK Group comprising fifty-five grid claims are located eleven km. northwest of Wells, B.C. Access is via the Big Valley logging road.

Outcrop on the claims is sparse and is limited to the streams. Overburden is not too deep on the hilltops but is very deep on the north end of the claims. The elevations change from 4,000' to 6,000' on gently sloped mountains.

The rocks underlying the claims are well foliated meta-argillaceous quartzite, phyllite and volcanoclastics of the Cambrian Kaza and Cariboo Formations.

Permian Antler volcanics and Devonian-Mississippian "Black clastics" outcrop locally. Quartz veins within the Kaza and Cariboo are responsible for WO_3 , Pb, Zn, Ag, Au, Cu and Py mineralization.

PREVIOUS WORK

Previous history of the property is very sparse excepting placer gold operations on Two Bit and Wiley Creeks. It appears that no significant exploration was conducted due to the heavy overburden which exists.

The MARK Group is owned and operated by Paylode Explorations Ltd. who have just completed a prospecting survey of the claims. The area was traversed both in north-south directions as well as east-west directions. In addition geochemical silt sampling was carried out on Wiley Creek (Doreen 2) and Two Bit Creek (Blast 3) to evaluate potential for future exploration.

GEOLOGY

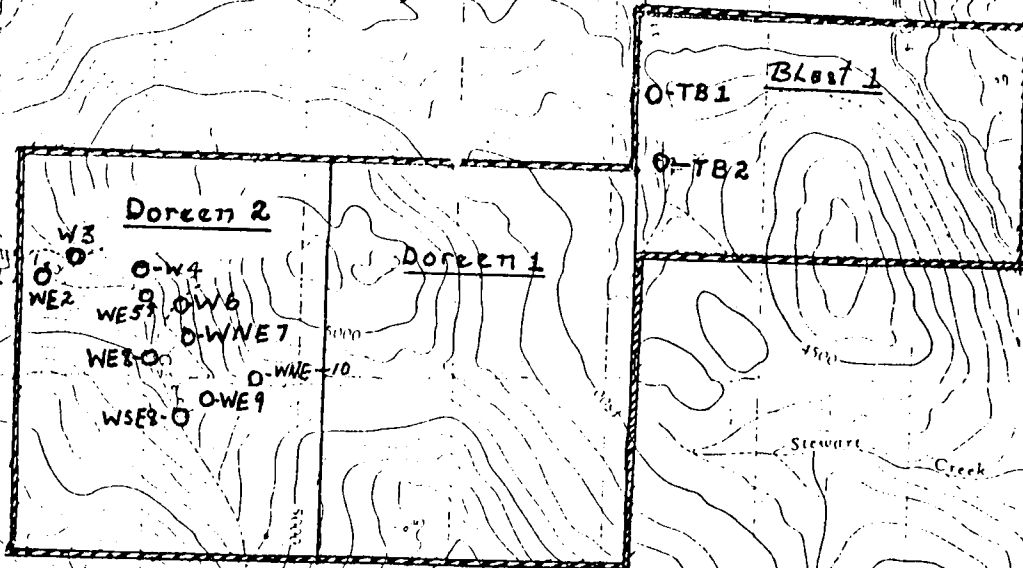
The property is largely underlain by highly altered and sheared sediments and volcanoclastics of the Proterozoic Kaza and Cariboo groups. Volcanic rocks of the Devonian Waverly Group, the Permian Antler Group and the Mississippian Greenberry Group outcrop locally. Devonian-Mississippian "Black clastics" occur also, but are not as extensive as previously mapped (L.C. Struik, 1981).

CONCLUSIONS

Thirteen geochemical silt samples show some higher than background values in Pb, Zn, Ag, Au and Ba. The Pb, Zn, Ag, and Au values may be explained by high background in the volcanic Antler Group.

The potential on the MARK Group of claims is gold associated with quartz veins; however, the possibility of Au-bearing stratabound exhalite horizons exists in the Kaza and Cariboo Groups. It is felt that these groups are volcanoclastics and contain pyritic acid volcanic horizons.

MARK Group
(55 Units)
BLAST 1, DOREEN 1+2



○ - Geochem Sample Site

N.T.S. Ref. No 93H14E





General Testing Laboratories

A Division of SGS Supervision Services Inc

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1V7
PHONE (604) 254-1647 TELEX 04-507514 CABLE: SUPERVIS

TO:
PAYLODE EXPLORATIONS LTD.
11786 - 284th Street
Ruskin, B.C.
VOM 1R0

CERTIFICATE OF ASSAY

No.: 8109-2162 DATE: Oct. 15/81

We hereby certify that the following are the results of assays on: Soil samples

MARKED	GOLD		SILVER	Copper	Lead	Zinc	Molybdenum	Arsenic	Barium	Tung-
	Au(ppm)	Ag(ppm)	Ag(ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	As (ppm)	Ba (ppm)	W (%)
* WE 1	<0.02	0.3		33	14	74	1	10	170	1
WE 2	<0.02	0.3		31	12	79	1	2	225	1
W 3	<0.02	0.6		37	13	85	1	6	240	1
W 4	<0.02	0.6		38	17	86	1	9	300	1
WE 5	0.07	0.3		31	11	79	1	6	175	1
W 6	<0.02	0.4		26	14	76	1	7	230	1
WNE 7	<0.02	0.5		31	13	94	1	8	170	1
WE 8	<0.02	0.3		36	12	95	1	8	200	1
WE 9	<0.02	0.2		33	10	83	1	7	160	1
WNE 10	<0.02	0.7		35	17	105	1	10	190	1
WSE 8	<0.02	0.3		38	11	83	1	5	400	1
TB 1	<0.02	0.2		33	12	72	1	8	70	1
TB 2	<0.02	0.3		36	13	73	1	10	150	1
CW 1	<0.02	0.1		35	10	66	1	10	80	1
CTO 1	<0.02	0.4		39	15	95	1	10	190	1
CSF 01	<0.02	0.2		34	17	82	1	8	200	1
SS 1	<0.02	0.7		41	16	99	1	13	280	1
SS 2	<0.02	0.5		42	17	108	1	16	255	1
SS 3	<0.02	0.5		44	17	101	1	14	330	1
SS 4	<0.02	0.5		43	17	111	1	13	390	1
SS 5	<0.02	0.5		44	19	109	1	14	270	1
SSW 6	<0.02	0.5		42	15	105	1	10	320	1
SSS 6	<0.02	0.6		40	17	120	1	12	165	1
SW 1	<0.02	0.6		28	16	32	1	10	125	1
S 1	<0.02	0.5		35	11	93	1	10	200	1
S-2	<0.02	0.6		43	20	104	1	15	250	1
STN 1	<0.02	0.2		46	13	85	1	17	140	1
S 3	<0.02	0.4		34	15	87	1	15	150	1
S 4	<0.02	0.3		34	14	88	1	11	110	1
S 5	<0.02	0.3		33	13	78	1	11	145	1
S 6	<0.02	0.4		35	15	87	1	13	165	1
S 001	0.05	0.9		43	25	258	2	19	270	1
S 002	0.10	1.6		45	43	314	3	28	265	2
S 003	<0.02	0.5		32	16	107	1	2	140	1
S 004	<0.02	0.4		32	12	109	1	7	180	1

Continued on page 2

* MARK Group

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

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L. Wong

PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association
REFEREE AND/OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists Society
OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade



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	Au(ppm)	Ag(ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	As (ppm)	Ba(ppm)	W (ppm)
S 005	<0.02	1.0	48	15	115	1	17	140	1
S 006	0.02	1.0	44	15	123	2	17	215	1
H 01	<0.02	0.7	53	16	107	2	16	370	1
H 02	<0.02	0.7	76	42	118	2	21	655	1
H 03	<0.02	0.9	58	49	112	2	21	470	1
H 04	<0.02	1.1	61	65	1119	2	14	210	2
H 05	<0.02	1.2	76	43	145	3	19	210	1
Hcd 1	0.03	0.5	51	52	184	2	16	155	1
P 01	<0.02	0.7	52	44	134	2	16	195	1
P 02	<0.02	0.5	41	31	102	1	13	245	1
P 03	<0.02	0.7	56	61	161	2	12	135	1
CL 01	<0.02	1.0	66	31	129	2	6	260	1
CC 01	<0.02	0.2	28	15	67	1	2	100	1
TCC 02	<0.02	0.9	65	36	136	2	11	225	1
CC 03	<0.02	0.3	23	14	79	1	5	60	1
CC 04	<0.02	0.6	33	22	97	1	8	100	1
TCC 003	<0.02	0.4	21	15	117	1	5	85	1
CCL 06	<0.02	0.2	30	24	69	2	15	100	1

NOTE: REJECTS RETAINED ONE MONTH PULPS RETAINED THREE MONTHS ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR

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MARK GROUP

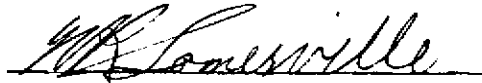
COST STATEMENT

- Geological and Geochemical Prospecting: 124 man days @ \$60.00 per day	\$7,440.00
- Truck usage: 2 trucks for 22 days = 44 days @ \$35.00	1,540.00
- Geochemistry silt sample analysis: 13 samples @ \$16.75	<u>217.75</u>
TOTAL	<u><u>\$9,197.75</u></u>

QUALIFICATION OF THE AUTHORS

I, W. R. Somerville, hereby certify that:

1. My residence address is 11786 - 284th Street, Ruskin, B. C.
VOM 1R0
2. I am a graduate of the B. C. and Yukon Chamber of Mines
Prospecting School and have been engaged in prospecting
for seven years.
3. I participated in the work described in this report.

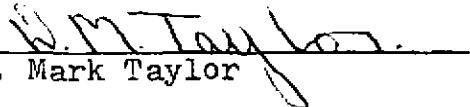


W. R. Somerville, B. Comm. R.I.A.

QUALIFICATION OF THE AUTHORS

I, D. Mark Taylor, hereby certify that:


1. My residence address is 1388 Enderby Ave., Delta, B. C. V4L 1S3.
2. I am a graduate of the B. C. and Yukon Chamber of Mines Prospecting School and have been engaged in prospecting for five years.
3. I participated in the work described in this report.


D. Mark Taylor

QUALIFICATION OF THE AUTHORS

I, Victor J. Lesperance, hereby certify that:

1. My mailing address is Box 185, Wells, B. C.
2. I have been actively engaged in prospecting for over thirty years of which a considerable time was spent in the employ of major mining companies.
3. I participated in the work described in this report.

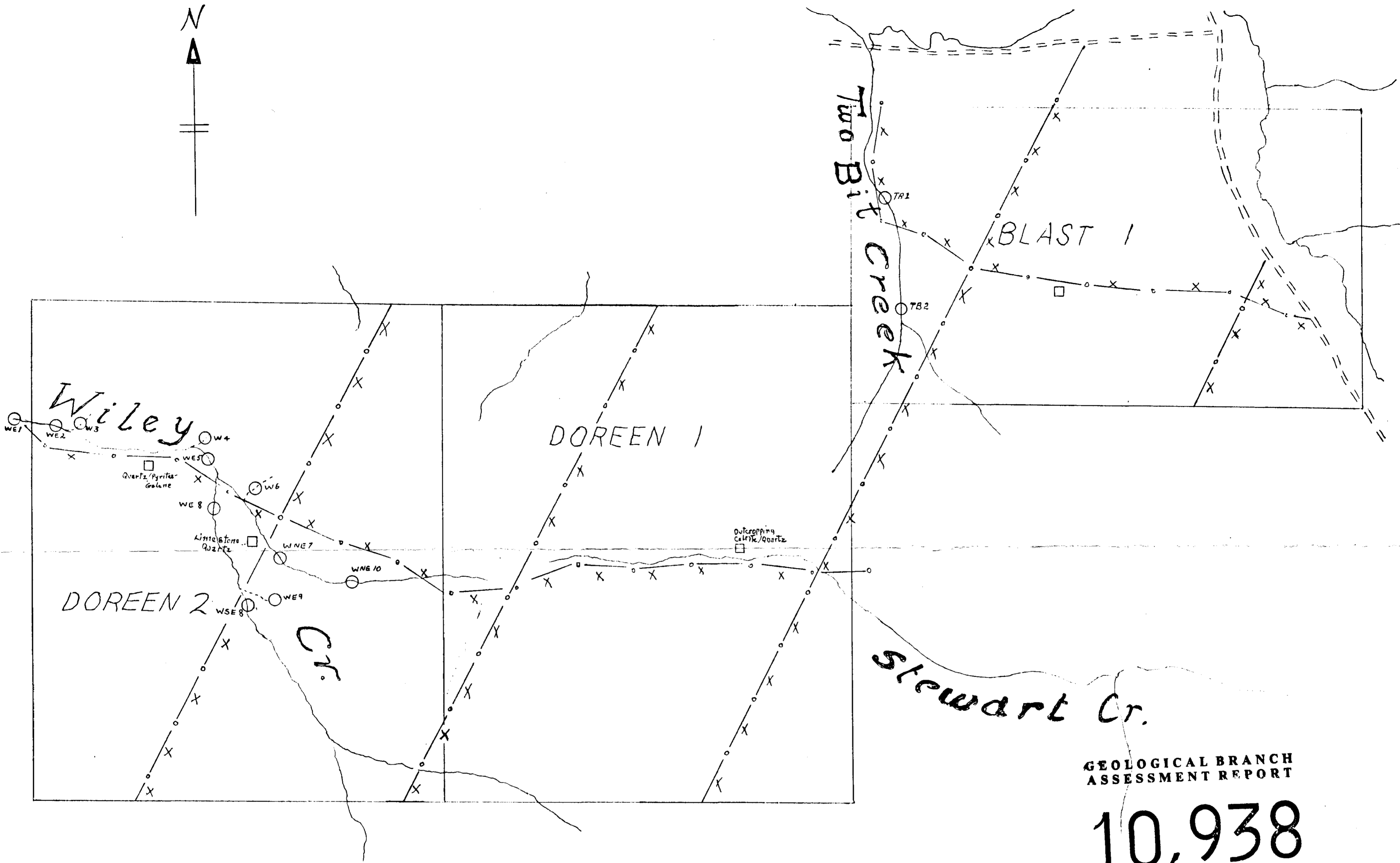

Victor J. Lesperance

QUALIFICATION OF THE AUTHORS

I, Ab Somerville, hereby certify that:

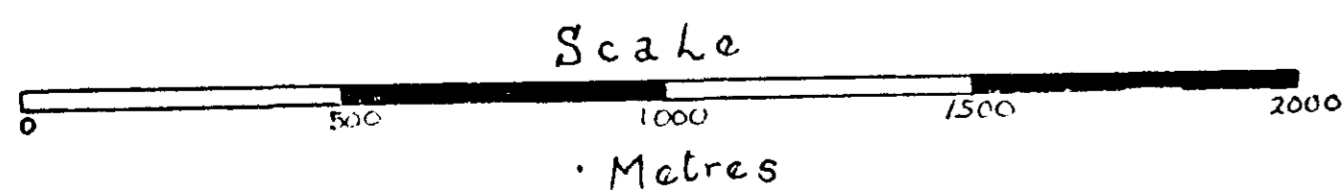
1. My mailing address is Box 5, R.R. 4, Brigden Site, Quesnel, B. C., V2J 3H8.
2. I have been actively engaged in prospecting for the past ten years.
3. I participated in the work described in this report.


Ab Somerville



GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,938



Ref: N.T.S. 93H/4E

MARK GROUP OF CLAIMS	
Owner: - Paykade Explorations Ltd	
Operator - Paykade Explorations Ltd	
LEGEND ①	
○ - - - -	Geochem Sample Site
== - - -	Road
- - - - -	Prospecting Survey
□ - - - -	Geological Formation - As Noted
X - - - -	Overburden