

ASSESSMENT REPORT

ON THE

AB GROUP OF CLAIMS

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,936

TITLE: Assessment Report on the AB GROUP of Claims.

CLAIMS: Last 4 (18 units) Last 7 (20 units)
Last 5 (8 units) Delcon 1-6 (6 units)
Last 6 (20 units)

MINING DIVISION: Cariboo

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

LATITUDE: 53⁰ 9' N

LONGITUDE: 121⁰ 36' 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

TABLE OF CONTENTS

Introduction	1
Previous Work	1
Geology	2
Structure	2
Veins and Mineralization	2
Conclusions	3
Map of Claims	4
Geochemistry Sample Sites	4
Geochemistry Assay Report	5
Cost Statement	7
Qualifications of Authors	8

APPENDIX

Map of AB Group of Claims and adjoining areas
with Description of Work Performed.

EXAMINATION OF THE AB GROUP OF CLAIMS

INTRODUCTION

The AB Group of claims, comprising 6 2-post and 66 grid claims, is located 6 km northwest of Wells, B.C. Access is via the old Hardscrabble Mine road from Wells which crosses the property in a Southeast to North-Westerly direction.

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 level and valley areas. The elevations change from 4,000' to 6,000' on gently sloped mountains.

The rocks underlying the claims are well foliated meta-argillaceous quartzites, 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

Scheelite was first reported from placers on Hardscrabble Creek in 1904. Since then several periods of mining activity took place including a small mining operation by Columbia Tungsten Company Limited on the Ron Claims which adjoin the property. In 1977 one X-ray hole was drilled on a galena-bearing quartz vein, in 1980 a geochem survey was done on the Ron claims and in 1981 some silt sampling was done on the creeks.

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).

The Kaza and Cariboo groups contain abundant quartz veins that are of two types: 1. Quartz-sulfide veins and 2. Quartz-carbonate veins.

STRUCTURE

The units are quite foliated in east-west direction of about 105° with dips from 25° north and south to vertical. Bedding is about $135^{\circ}/35-45$ S, although some folding exists. Transverse quartz veins are perpendicular to foliation, whereas diagonal veins are sub-parallel to foliation.

VEINS AND MINERALIZATION

Quartz-sulfide veins consist of quartz-galena-sphalerite-chalcopyrite in various quantities. Some previous assays from the quartz-sulfide veins show:

10"	.26 Oz/Ton Au)	1941 assays from underground
24"	1.2 Oz/Ton Au)	at Hardscrabble mine.
Grab	21.7% Pb, 17.5% Zn)	

Quartz-carbonate veins are the scheelite-bearing veins and comprise of two types: 1. filled 'transverse' joints and 2. diagonal veins. The mineralogy of both types is similar; listed in order of abundance are: quartz, ankerite, calcite, scheelite and traces of

sphalerite and galena. The underground veins are discontinuous and widely spaced, and therefore impossible to determine any tonnage.

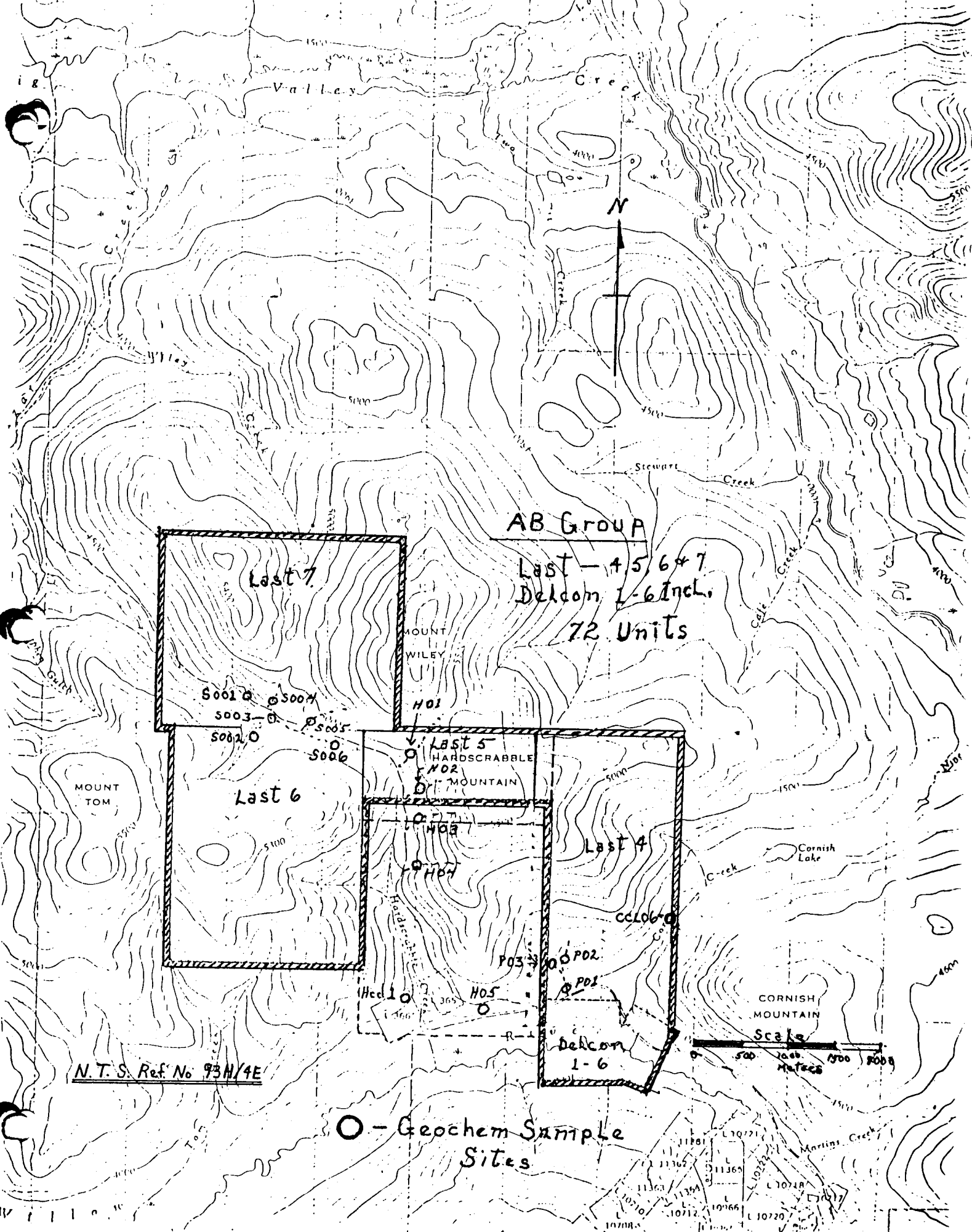
Previous chip samples show:

24"	1.9% WO_3)	
46"	NIL)	Underground chips
26"	1.8% WO_3)	(Stevenson, 1941)

CONCLUSIONS

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

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



○ - Geochem Sample Sites



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

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

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)	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 ...

* AB 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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J. 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



TO:
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MARKED	GOLD	SILVER	Copper	Lead	Zinc	Molybdenum	Arsenic	Barium	Tungst
	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
* I CCL 06	<0.02	0.2	30	24	69	2	15	100	1

* AB Group

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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AB GROUP

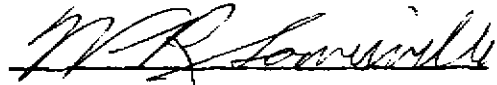
COST STATEMENT

- Geological and Geochemical Prospecting:		
105 man days @ \$60.00 per day		\$ 6,300.00
- Road repairs for access to claims:		
TD 9 Crawler Cat 32 hours @ 43.00	\$1,376.00	
JCB Backhoø 33 hours @ 45.00	<u>1,485.00</u>	2,861.00
- Truck usage:		
2 trucks for 41 3/4 days = 83½ days @ \$35.00		2,992.50
- Geochemistry silt analysis:		
16 samples @ \$16.75		<u>268.00</u>
TOTAL		<u><u>\$12,351.50</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 1RO
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.

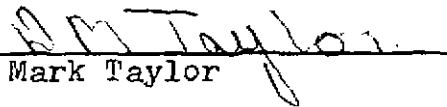


W. R. Somerville, B. Comm. R.I.A.

QUALIFICATION OF THE AUTHORS

I, D. Mark Taylor, hereby certify that:

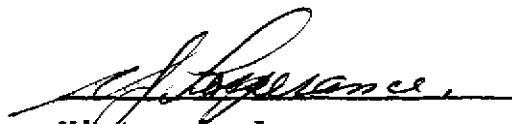
1. My residence address is 1388 Enderby Ave., Delta, B. C. V4L 1S3.
2. I am a graduate of the B. C. and Yukon Chamber of Mines Prospecting School and have been engaged in prospecting for five years.
3. I participated in the work described in this report.


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.

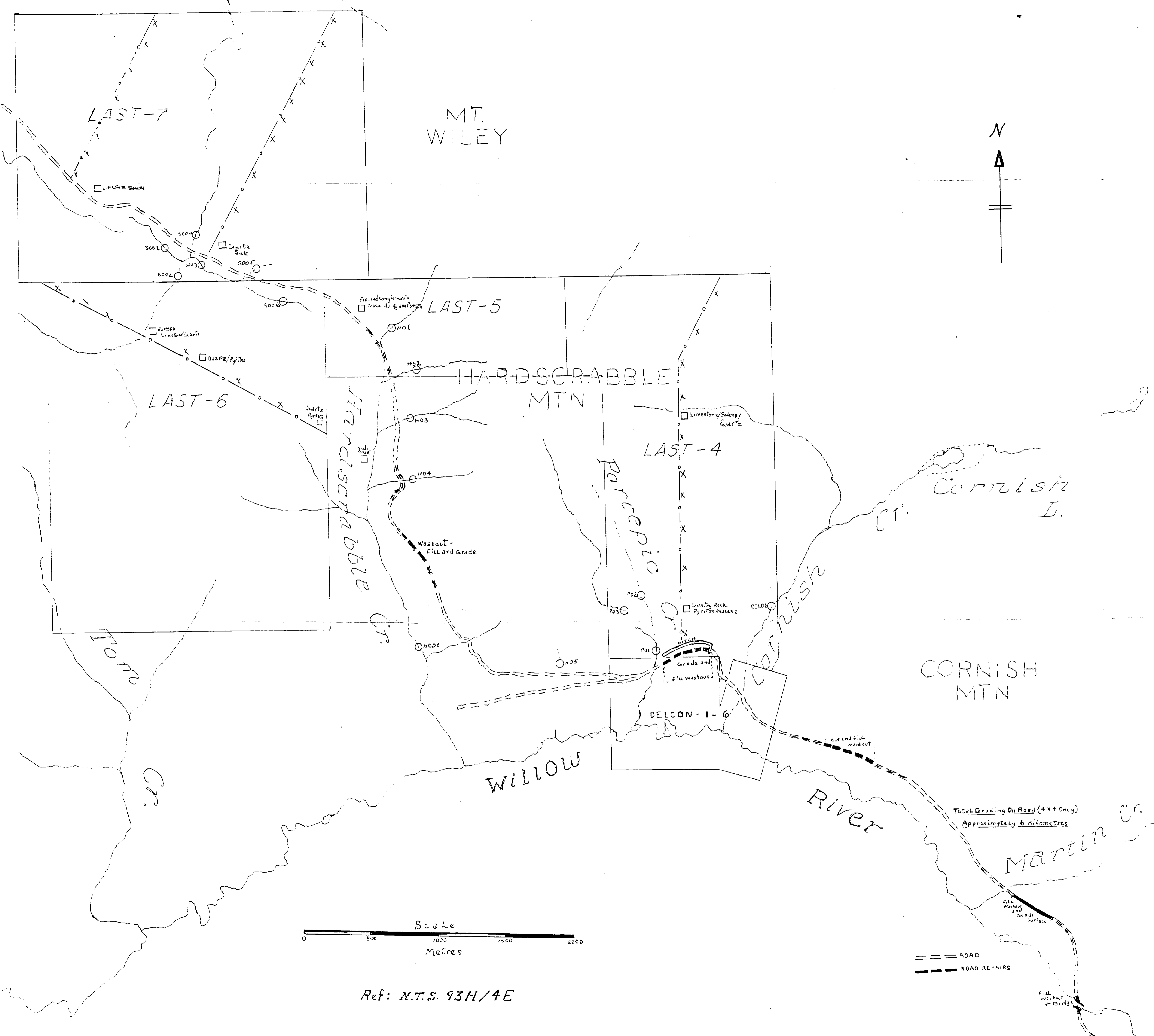

Victor J. Lesperance

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



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

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

10,936

AB GROUP OF CLAIMS	
Owner - Paylod Explorations Ltd	
LEGEND	
○	Geochem Sample Site
—○—	Prospecting Survey
□	Geological Formation - As Noted
==	Road
≡≡≡	Road Grading
— — —	Road Repairs
X	Overburden

Total Grading On Road (4x4 Only)
Approximately 6 Kilometres