

Summary Report

on the

Exploration Activities

M.U.T. (1-6) Group of Mineral Claims
Nelson Mining Division
N.T.S. Map Reference 82F/3

Latitude $49^{\circ}05'N$; Longitude $117^{\circ}12'W$

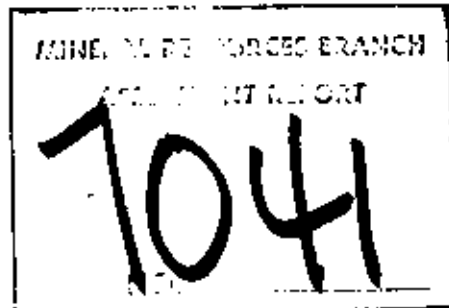
for

Benson Mines Ltd. (NPL)

by

John R. Poloni, B.Sc., P.Eng.,

December 12, 1978

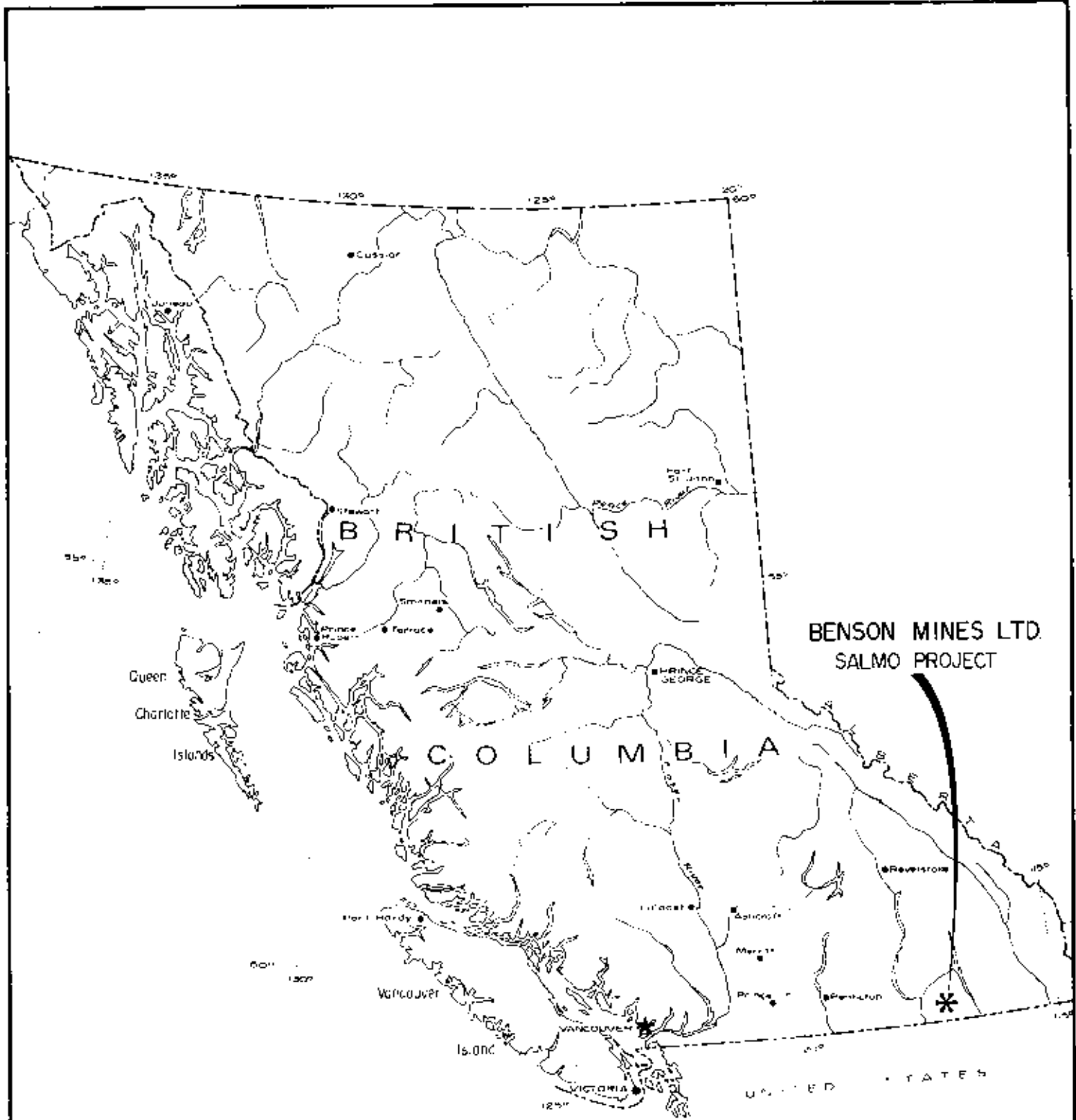


John R. Poloni & Associates Ltd.,
02 - 8B Avenue,
Delta, B. C.

JOHN R. POLONI P. Eng.
Consulting Geologist

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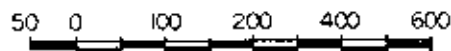
**BENSON MINES LTD.
SALMO PROJECT**

BENSON MINES LTD. (N.P.L.)

**SALMO PROJECT
PROPERTY LOCATION MAP
M.U.T. CLAIMS
NELSON MINING DIVISION**

JOHN R. POLONI & ASSOCIATES LTD

DRAWN: J.R.P.	CHECKED BY: J.R.P.	PLAN No.
SCALE: As shown	DATE: Dec 12, 1978	J.



1.0 Introduction

1.1.0 General Features

The M.U.T. (1-6) Group of mineral claims containing 84 units is located at Lost Creek, 12.1 kilometers south of Salmo, B.C. in the Nelson Range physiographic division. Elevations on the claims range from approximately 1000 to 1500 meters above sea level with slopes being steep on the northwesterly side but more moderate to the southeasterly. The property covers two heights of land, the south slopes of Nevada Mountain and the northwest slopes of Lost Mountain.

Access is via road, south from Salmo, B.C. along Highway No. 3 to the South Salmo River for 14.5 kilometers then easterly along the river for 2.3 kilometers to Lost Creek. A 4-wheel drive road leads northerly towards the M.U.T. claims for approximately 6.4 kilometers. The northerly part of the claim group on Nevada Mountain can be reached by gravel road along the north side of Lost Creek.

Plan No. 1 shows the property location and Plan No. 2 shows the Claim Map, Appendix C.

The N.T.S. Map reference is 82F/3; Latitude $49^{\circ}05'N$ and Longitude $117^{\circ}12'W$.

1.2.0 Property Definition

1.2.1 Claims Information

The M.U.T. Groups of mineral claims lie in the Nelson Mining Division of British Columbia, Plan No. 2. Benson Mines Ltd. of Vancouver holds the claims by option agreement with Mr. Ian G. Sutherland and Mr. John M. Mirko.

Claims data is as follows:

<u>Claim (Units)</u>	<u>Record No.</u>	<u>Expiry Date</u>
M.U.T. #1 (10)	371 (11)	Nov. 30/
M.U.T. #2 (10)	372 (11)	Nov. 30/
M.U.T. #3 (16)	373 (11)	Nov. 30/
M.U.T. #4 (16)	374 (11)	Nov. 30/
M.U.T. #5 (16)	377 (12)	Dec. 7/
M.U.T. #6 (16)	378 (12)	Dec. 7/

1.2.2 History

Governmental reports indicate that the Molly Group of Crown Granted claims, contiguous with the M.U.T. claims, was originally located for molybdenite, and a small shipment made during World War I. In 1942, Joe Gallo of Howser, discovered scheelite in association with molybdenite in skarn and a considerable amount of trenching was undertaken. Trenches on the M.U.T. claims were probably undertaken during this period. As the geological and mineralogical nature in the vicinity of the short adit driven on the south side of Lost Creek (M.U.T.#5) is similar to the molybdenite-tungsten showings in the area, the history of discovery is probably similar.

The property was staked as the M.U.T. group of claims in November and December 1976. Geological mapping and sampling of showings, road repair work, the establishment of a preliminary survey grid over part of the claims and the drilling of A-77-1 were undertaken in 1977. Mr. J. Montgomery, P.Eng. and Mr. Gerhard Von Rosen, P.Eng. reported on the M.U.T. project during 1977 and early 1978. During this period Westwind Mines Ltd. held an option

agreement on the property.

The drill hole A-77-1 spotted at 35 meters easterly of a bedrock trench containing tungsten mineralization in medium to intense skarn and hornfels alteration in limestone and limy argillite was drilled to test this mineralization at a projected limestone-granite interface. This hole while not achieving the expected target location, however did intersect several narrow limestone and limy argillite units containing minor tungsten mineralization before hitting the intrusive granite at 149.5 m. Plan No. 6 shows a section, looking northeasterly, of this hole. Holes A-78-1 and A-78-2, were undertaken to further test for the granite-limestone interface.

The main areas of interest on the M.U.T. claims are underlain by argillite, limestone and limy argillite of the Active Formation adjacent to the Lost Creek Stock intrusive contact. Scheelite, and molybdenite, occurs in contact areas in garnet-diopside skarn, in both intrusive and sedimentary environments. Uranium mineralization has been found recently, as fluorescence in platy argillite.

Mineral deposits of interest in the immediate area are the Molly Mine, the Tungsten King and Dodger, the Reeves MacDonald and the H.B. Mine.

1.3.0 Work Summary

1.3.1 Diamond Drilling

Three drill holes A-78-1, A-78-2, and A-78-3 were complete for a total of 454.8 meters of A-Q size core. Drill hole data is as follows:

<u>No.</u>	<u>Size</u>	<u>Elev.</u> m	<u>Depth</u> m	<u>Incl.</u>	<u>Bearing</u>
A-78-1	AQ	1508.7	116.7	-90°	
A-78-2	AQ	1508.7	236.3	-70°	NW
A-78-3	AQ	920.5	101.8	.90°	

Drill hole collar locations are shown on Plan No. 3.

1.3.2 Geological Mapping

Geological mapping was undertaken on the Tungsten Adit-Lost Creek area as shown in Plan No. 5 by V. M. Ramalingaswamy, geologist in charge during early 1978. Four samples were cut across 0.61 meters in two scarny horizons as mapped in the adit.

Further geological examination was undertaken by the author and Mr. Ian Sutherland, prospector, over previously exposed trenches, road cuts, and outcrops. This work consisted of detailed lamping (ultraviolet) after dark with a daylight reexamination of areas and rock units of interest. This work complemented similar examination made by Mr. Ramalingaswamy and Mr. Mirko.

1.3.3 Prospecting

General Prospecting undertaken by the author and Mr. Sutherland as part of the geological reconnaissance consisted of outcrop examination at lower elevations on the property where governmental maps indicated the presence of geology of interest such as limestone and limy argillite units. These areas are presently not covered by control grids.

1.3.4 Physical Work

Access road construction both for property access and drill location requirements were undertaken using D-6 size dozer.

In excess of 2000 feet or 609.6 meters of such work was completed as shown on Plans 7 and 10.

A main base line was cut in the vicinity of Drill holes A-77-1, A-78-1 and A-78-2 for 1800 meters at $N45^{\circ}E$. Grid lines have yet to be established.

2.0 Diamond Drilling Report

Three drill holes were completed during 1978 as part of a further evaluation of M.U.T. claims. As previously stated, section 1.2.2, drill hole A-77-1 designed to test tungsten bearing limestone and limy argillite, altered to medium and intense scarn and hornfels, as seen in surface trenches, encountered only minor tungsten mineralization at depth, before intersecting the intrusive granite at 149.5 meters.

Drill hole A-78-1 was designed to further test for the down dip extension of the mineralized zone sought in A-77-1, as it was felt that the limy horizons could have flattened at depth and thus been missed in A-77-1. A-78-1 was logged by V. M. Ramalingaswamy as cutting principally, broken argillite with very minor scarny brecciated sections and then limy argillite units. Because of the faulted and broken nature of the ground the hole was aborted at 116.7 meters and A-78-2 commenced at 15.2 meters to the north west inclined at -70° to the North West.

Drill hole A-78-2 encountered mainly argillite with thin sections of limy argillite and very minor scarn to a depth of 226.52 meters when the intrusive granite was encountered. The hole was terminated at a final depth of 236.28 meters in bleached intrusive.

Drill hole A-78-3 was undertaken in the vicinity of the Tungsten Adit-Lost Creek to test the grade and extent of the tungsten-molybdenite bearing scarn. Four 0.61 meter samples across two scarn horizons as shown on Plan 5 had assayed as follows:

	<u>WO%</u>	<u>Mo%</u>	<u>Width (approx.)</u>
A-1	0.18	0.018	0.61 meters
A-2	0.68	-	0.61 meters
A-3	0.48	-	0.61 meters
A-4	0.26	-	0.61 meters

This hole was drilled at -90° using AQ size wire line equipment to a final depth of 101.8 meters. Interbedded granite and argillite were encountered from 0.0 to 16.8 meters, argillite from 16.8 - 27.4 meters, silicious sedimentary unit with pegmatite from 27.4 - 30.6 meters, intense scarn to medium scarn 30.6 - 38.4 meters, silicious calcareous bedded unit containing minor scarn, limy units, and two thin basic dikes from 38.4 - 76.1 meters, and argillite from 76.1 - 101.8 meters.

Disseminated molybdenite occurs between 29.4 meters to 30.9 meters and several sections of core lamped (ultraviolet) as powellite, $\text{Ca}(\text{MoW})\text{O}_4$.

Drill logs for holes A-78-1, A-78-2 and A-78-3 are appended in Appendix 8.4. Drill hole locations are shown on Plan No. 3. Two drill hole sections are included as Plan No. 6 and Plan No. 9.

Core storage locations are as follows:

- 1) A-77-1 with local resident 5 km south of Salmo.
- 2) A-78-1 and A-78-2 in core shed near cabin on M.U.T. claims.
- 3) A-78-3 at 5502-8B Ave., Delta, B.C. at residence of author.

Cost Statement

Drill hole A-78-1, A-78-2, A-78-3 were drilled under contract by Kootenay Exploration Drilling Ltd., P. O. Box 519, Rossland, B.C. Costs are presented in section 6.0.

3.0 Geological Mapping

Geological mapping undertaken on the property consisted of both detailed mapping underground in the Tungsten Adit as shown on Plan No. 5 and surface mapping in the area of recent diamond drilling as shown in Plan No. 10.

The maps submitted were completed in preliminary by V. M. Ramalingaswamy M.Sc., with additions by the author. Plan No. 5 outlining the detail of the Tungsten Adit shows relatively gently dipping sequences of argillite, granite, silicious sediment, silicious limestone, and moderately to intensely altered scarn containing tungsten and molybdenite mineralization. Dips of the sequences are approximately 33° - 40° to the east. Plan No. 10 showing the surface geology in the vicinity of drill hole A-77-1, A-78-1 and A-78-2 defines silicious to limy sedimentary units, argillite, limy argillite, limestone, hornfels and lamprophyredikes. Mineralization in the form of disseminated tungsten (scheelite) in blocky sedimentary units, tungsten in association with concordant quartz veining, and uranium as autunite or uranophane has been encountered in surface mapping and prospecting. Stratigraphic units generally dip gently at 35° - 50° to the southeast. Both major and minor faulting has been encountered with general trends being North to Northwesterly and Northeasterly. Basement intrusive granite was cut in Drill hole A-78-2, and A-77-1 at depths of approximately 225 and 150 meters,

respectively, below outcrop.

Cost statement including geological mapping, line cutting for baseline and a minimal amount of grid cross lines is presented in section 6.0.

4.0 Prospecting

During periods in June, October and November the author undertook geological examinations and general prospecting of the M.U.T. claims in accompaniment with Mr. Ian Sutherland, prospector. This work consisted of lamping (ultraviolet) at night complimented with daylight re-examination of outcrop areas. During the periods in October and November diamond drilling was being done on A-78-3.

Much of the southerly part of the M.U.T. claims is overburden covered and contains heavy growth of vegetation but outcrop frequency is adequate to provide a reasonable picture of the stratigraphic units although all units can not be examined in detail. Road cuts both old and recent were examined.

The northerly part of the claim group is cut by Lost Creek. Here outcrop frequency is much higher than to the south, slopes are steeper and stratigraphic units are better exposed. This prospecting was successful in defining zones of interest for future detailed exploration as tungsten and uranium minerals were found.

5.0 Physical Work

Diamond drill site preparation for drill holes A-78-1, A-78-2 and A-78-3 was undertaken using a D-6 dozer under contract. It was also necessary to construct road access to these sites and to water supply. Two different contractors were used at separate periods, initially access and site preparation for A-78-1 and A-78-2, and then during October access and site preparation for A-78-3. During this second period of physical work the "1%" showing area was stripped for further examination. Results of sampling of this showing are indicated in Plan No. 8.

The main base line was cut for approximately 1800 meters in the vicinity of the cabin and drill holes A-78-1, A-78-2 and A-77-1, as a 1 meter wide line clearing with a strike of N45°E. Only temporary chain and compass cross lines were run, and it will be necessary to establish a permanent survey grid, Plan No. 10.

6.0 Cost Statement

6.1 Diamond Drilling

Kootenay Exploration Drilling Ltd.

A-78-1 and A-78-2 from May 1978 to June 20, 1978

352.7 meters for total Contract Cost = \$13,360.20.

A-78-3 from Nov. 5, 1978 to Nov. 21, 1978

101.8 meters, core boxes, mobilization and

demobilization and gel seal = \$ 4,989.00.

18,349.20

6.2 Geology

Geological mapping was done by geologist

Mohen Ramalingaswamy during May and

June 1978 = \$ 1,250.00

Geologist Mr. G. Von Rosen for period

Nov. 30, 1977 to Jan. 12, 1978 and

John R. Poloni for periods June 14 -

July 4, 1978; October 19-22, 1978;

October 26-29, 1978; Nov. 2-10, 1978;

Nov. 17-27, 1978 = \$ 6,834.92

6.3 Prospecting

2,084.92

John Mirko for period April 21-

June 17, 1978 field supervision and

management, prospecting, camp construc-

tion, line cutting, preparation of

drill sites for A-78-1 and A-78-2

road construction supervision, assistance

in drill and water line set ups.

Wages = \$ 3,196.00

Field Supplies = \$ 1,193.25

Accomodation & Travel = \$ 2,677.28

Red Hawk Truck Rental = \$ 2,797.30

Ian Sutherland for period Oct. 26 to

November 22, 1978 prospecting road

cuts, outcrop lamping (ultraviolet)

for total cost including wages and

expenses = \$ 2,490.00

(Wages at \$60.00/day, truck rental at \$10.00/day,

motel and food expenses.) The author assisted in

lampping and prospecting with charges included
in section 6.2 Geology, above.

6.4 Physical Work

Bulldozer work May (1-13) 1978 for road
access, for drill site preparation and
water supply for A-78-1 and A-78-2 under
contract to Swift Creek Logging at
\$40.00/hour for D-6 = \$ 2,470.00

Bulldozer work for period Oct, (15-21)
1978 including drill site preparation
for A-78-3 and road access to site, and
dozer stripping of "1% Showing", under
contract to Four Leaf Logging using a
D-6. Contract 24 hrs. @ \$40.50/hr.
and lowbed rental 2½ hrs. @ \$35.00/hr.
for a total cost = \$ 1,159.50

Road access work and site preparation was ^{3 679.50}
in excess of 2000' or 610 meters. The
"1% Showing" was stripped for a length of
125' (38 meters) and width of 3.0 meters.

Assay costs were:	General Testing	\$	209.50
	Chemex	\$	36.00

7.0 Interpretation

The exploration undertaken to date in the form of ultraviolet lamping, geology and diamond drilling has examined several areas of tungsten-molybdenite bearing scarn, limy argillite and limy silicious sediments. Drill hole A-78-3 was successful in intersecting a thick tungsten bearing horizon requiring further drill testing. Uranium mineralization as autunite or uranophane has been discovered in talus slopes also requiring detailed surveys.

8.1 Appendix A

Author's Certificate

CERTIFICATE

I, John R. Poloni, of 5502 - 8B Avenue, in Delta, in the
Province of British Columbia,

DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist.
2. I am a graduate of McGill University of Montreal,
Quebec, where I obtained a B.Sc. degree in Geology
in 1964.
3. I am a registered Professional Engineer in the
Geological Section of the Association of Professional
Engineers of the Province of British Columbia.
4. I have practiced my profession since 1964.
5. I am a Fellow of the Geological Association of Canada
and a member of the Canadian Institute of Mining and
Metallurgy.
6. I have personally examined the M.U.T. claims as stated
in this report.
7. I have no interest in the properties or securities of
Benson Mines Ltd. nor do I expect to receive or acquire
any.

Dated this 12 day of December 1978

John R. Poloni, B.Sc., P. Eng.



JOHN R. POLONI P. Eng.
Consulting Geologist

8.2 Appendix B

Assay Data

Assay Calculations

1% *Thinning*
W-770 *GRAB*

GENERAL TESTING LABORATORIES

DIVISION SUPERINTENDENCE COMPANY (CANADA) LTD.

200 EAST BENDISH ST. VANCOUVER, B.C. CANADA V6A 1W4
 TEL: 684-2227 FAX: 684-2228 TELETYPE: 684-2228 CABLE: SUPERVISE

TO: MR. ERNIE PETERS *Zone 1/2 x Z'*
 WEST WIND MINES LTD.
 904 - 885 Dunsmuir Street
 Vancouver, B.C.

CERTIFICATE OF ASSAY

No 7709-2958 DATE: Oct. 7/77

We hereby certify that the following are the results of assays on: **Ore and Rock samples**

MARKED	XXXXXX		Molybdenite	Zinc	Tungsten	XXX	XX	XXX
	OZ/ST GR/MT	OZ/ST GR/MT	MoS ₂ (%)	Zn (%)	WO ₃ (%)			
E-071485								
01 - 9 - 77			< 0.001	0.079	1.09			
02 - 9 - 77			< 0.001	0.011	1.01			
03 - 9 - 77			-	-	trace			

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R. Nadeau
R. NADEAU - Chemist
 PHOTO COPY

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

GENERAL TESTING LABORATORIES

INCORPORATED IN BRITISH COLUMBIA, CANADA

1200 EAST PENDER STREET, VANCOUVER, B.C., CANADA, V6A 1W2
 PHONE (604) 278-1111 TELETYPE (604) 278-1115 CABLE SUPERWISER

TO:
BENSON MINES LTD.
 404 Somerset Street
 North Vancouver, B.C.

CERTIFICATE OF ASSAY

No **7811-2752** DATE **Dec. 6/78**

We hereby certify that the following are the results of assays on: **Ore**

MARKED	GOLD	SILVER	Kranium	Tungsten	Molybdenite	XXX	XXX	XXX
			oxide	oxide				
			U ₃ O ₈ (%)	WO ₃ (%)	MoS ₂ (%)			
9951 D			< 0.001	0.31	0.005			
9953 D			< 0.001	1.90	0.002			
9954 D			< 0.001	0.16	0.002			
9956 D			0.003	0.06	0.007			
9957 D			< 0.001	0.02	0.002			
9958 D			0.003	0.02	0.003			
9959 D			0.002	0.02	0.005			
9960 D			< 0.001	0.02	0.003			

REMARKS: MoS₂ calculated from total molybdenum.

cc. Mr. John Poloni

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L. HONG

PROVINCIAL ASSAYER

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*Templeton Ashel
1st St Creek*

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100 EAST BEAVER ST. VANCOUVER 10, CANADA V6A 1W2
 TEL: 684-2200 TELETYPE: 684-2200 CABLE: SUPERVAL

TO:
 BRISON MINES LTD.
 904 - 885 Dunsmuir Street
 Vancouver, B.C.

CERTIFICATE OF ASSAY

NO. **7806-1350** DATE **June 20/78**

We hereby certify that the following are the results of assays on: **Cro**

MARKED	100%	100%	Tungsten	Molybdenum	XXX	XXX	XXX	XXX
			%	%				
E-8013								
A 1			0.18	0.018	2'	CH10		
A 2			0.68	-	2'	/		
A 3			0.18	-	2'	/		
A 4			0.26	-	2'	/		

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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[Signature]
 PROVINCIAL ASSAYER

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

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204*P-77-1
Selected results

CHEMEX LABS LTD.

217 BROOKSBANK AVE
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE 985-0648
AREA CODE 604
TELEX 043 52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: Westwind Mines
904 - 885 Dunsmuir
Vancouver, B.C.

CERTIFICATE NO. 33366
INVOICE NO. 22940
RECEIVED Dec. 20/77
ANALYSED Dec. 22/77

ATTN:

SAMPLE NO.	% Mo	% Pb	% Zn	% WO ₃
71301	0.036			
71302		< 0.01	1.46	
71303				0.06
71304				0.08
71305				0.08
71306				0.33
71307				0.15
71308				0.22
71309				0.16
71310				0.30
71311				0.08
71312				0.08

Best Total

Total



MEMBER
CANADIAN TESTING
ASSOCIATION

GENERAL TESTING LABORATORIES

100 WEST END AVENUE, VANCOUVER, B.C., CANADA, V6A 1W2
 PHONE: (604) 681-1441 TELETYPE SERVICE: (604) 681-1441

TO:
BENSON MINES LTD.
 c/o Mr. Jim Billingsley
 433 - 355 Burrard Street,
 Vancouver, B.C.
 V6C 2G8

CERTIFICATE OF ASSAY

No **7810-3055** DATE **Nov. 7/78**

We hereby certify that the following are the results of assays on: **Ore**

MARKED	XXXXXXXXXXXX		Tungsten oxide	Lead	Zinc	XXX	XXX	XXX
			WO ₃ (%)	PB (%)	Zn (%)			
18946			0.34	0.01	0.72			
18947			0.13	0.01	0.39			
18948			0.04	0.01	0.09			

cc. Mr. J. Poloni

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B. A. G.
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 PHONE: 684-2741 TELE: 684-1111 CABLE: SUPERVIST

TO:
BENSON MINES LTD.
 904 - 885 Dunsmuir Street
 Vancouver, B.C.
 V6C 1N5
 Attn: Mr. E.S. Peters

CERTIFICATE OF ASSAY

No: 7812-0456 DATE: Dec. 15/78

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

MARKED	XXXXXXXXXX		Molybdenite	Tungsten oxide	Uranium oxide	XXX	XXX	XXX
			MoS ₂ (%)	WO ₃ (%)	U ₃ O ₈ (%)			
651			0.002	trace	0.001			
652			0.002	trace	< 0.001			
653			0.040	trace	< 0.001			
654			0.30	0.32	0.002			
655			0.130	trace	0.002			
656			0.142	1.60	0.003			
657			0.007	trace	0.003			
658			0.010	trace	0.003			
659			0.010	0.06	0.001			
660			0.093	1.09	0.002			
661			0.018	0.06	0.001			
662			0.013	0.022	0.003			
663			0.005	trace	0.002			
664			0.032	0.40	0.006			
665			0.010	trace	< 0.001			
666			0.040	0.83	0.003			
667			0.018	0.10	0.001			
668			0.023	0.15	0.002			
669			0.002	trace	0.001			
670			0.030	0.31	0.002			
671			0.002	trace	0.001			
672			0.022	0.16	0.002			
673			0.003	trace	0.002			
674			0.008	0.24	0.004			
675			0.050	0.08	0.002			
676			0.005	0.02	0.002			
677			0.002	trace	< 0.001			
678			0.001	trace	< 0.001			
679			0.001	trace	< 0.001			
680			0.053	trace	< 0.001			
681			0.013	trace	0.001			
682			0.008	0.16	0.002			
683			0.005	0.02	0.001			
684			0.010	0.12	0.003			
685			0.001	trace	0.001			
686			0.008	0.11	< 0.001			
687			0.002	trace	0.001			

/ Continued on next page ...

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, Weighors

MEMBER: American Society for Testing Materials, The American Oil Chemists Society, Canadian Testing Association
 REGISTERED AND ORIGINAL CHEMISTS FOR: International Union of Pure and Applied Chemistry, The American Oil Chemists Society
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BENSON MINES LTD.

(Continued) ... page 2 ...

CERTIFICATE OF ASSAY

No. **7812-0456** DATE **Dec. 15/78**

We hereby certify that the following are the results of assays on: **Ore**

MARKED	XXXXXXXXXX		Molybdenite	Tungsten oxide	Uranium oxide	XXXX	XXX	XXXX
			MoS ₂ (%)	WO ₃ (%)	UO (%)			
688			0.002	trace	0.002			
689			0.002	trace	0.002			
690			0.003	trace	< 0.001			
<p>REMARKS: MoS₂ calculated from Mo.</p>								
<p>cc. Mr. John Poloni</p>								

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

MEMBER: American Society for Testing Materials, The American Chemical Society, Canadian Testing Association
 GENERAL ANALYTICAL CHEMISTS FOR: Bulk Cargo, Pulp and Paper, The American Chemical Society
 OFFICIAL WEIGHMASTERS FOR: Vancouver Board of Trade

Sample No.	Interval			'm'	True Width	Assay Data		
	From	To	Width ft.			MnS ₂ %	WO ₃ %	U ₃ O ₈ %
651	50.1	53.0	3.0	15.27-16.18 0.91		0.002	TR	0.001
652	87.7	90.0	2.3	26.73-27.43 0.70		0.002	TR	<.001
653	90.0	92.0	2.0	27.43-28.04 0.61		0.040	TR	<.001
654	92.0	94.0	2.0	28.04-28.65 0.61		0.30	0.32	0.002
655	94.0	100.8	6.8	28.65-30.72 2.07		0.130	TR	0.002
656	100.8	103.0	2.2	30.72-31.39 0.67		0.142	1.60	0.003
657	103.0	110.0	7.0	31.39-33.53 2.14		0.007	TR	0.003
658	110.0	119.0	9.0	33.53-36.27 2.74		0.010	TR	0.003
659	119.0	124.0	5.0	36.27-37.80 1.53		0.010	0.06	0.001
660	124.0	126.0	2.0	37.80-38.40 0.61		0.093	1.09	0.002
661	126.0	134.5	8.5	38.40-41.00 2.60		0.018	0.06	0.001
662	134.5	135.7	1.2	41.00-41.36 0.36		0.013	0.22	0.003
663	135.7	138.0	2.3	41.36-42.06 0.70		0.005	TR	0.002
664	138.0	139.0	1.0	42.06-42.37 0.31		0.032	0.40	0.006
665	139.0	140.0	1.0	42.37-42.67 0.31		0.010	TR	<.001
666	140.0	144.0	4.0	42.67-43.89 1.22		0.040	0.83	0.003
667	144.0	147.0	3.0	43.89-44.80 0.91		0.018	0.10	0.001
668	147.0	153.3	6.3	44.80-46.73 1.93		0.023	0.15	0.002
669	153.3	157.7	4.4	46.73-48.07 1.34		0.002	TR	0.001
670	157.7	160.0	2.3	48.07-48.77 0.70		0.030	0.31	0.002
671	160.0	162.5	2.5	48.77-49.53 0.76		0.002	TR	0.001
672	162.5	170.0	7.5	49.53-51.82 2.29		0.022	0.16	0.002
673	170.0	174.0	4.0	51.82-53.04 1.22		0.003	TR	0.002
674	174.0	178.0	4.0	53.04-54.26 1.22		0.008	0.24	0.004
675	178.0	181.0	3.0	54.26-55.17 0.91		0.050	0.08	0.002
676	181.0	182.5	1.5	55.17-55.63 0.46		0.005	0.02	0.002
677	182.5	185.7	3.2	55.63-56.60 0.97		0.002	TR	<.001

A-78-3 Drill Hole
Assay Data

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Sample No.	Interval			'm'	True Width	Assay Data		
	From	To	Width ft.			MoS ₂ %	WO ₃ %	U ₃ O ₈ %
678	185.7	191.5	5.8	56.60-58.37 1.77		0.001	TR	<.001
679	191.5	199.0	7.5	58.37-60.66 2.29		0.001	TR	<.001
680	202.3	203.7	1.4	61.66-62.09 0.43		0.053	TR	<.001
681	203.7	204.7	1.0	62.09-62.39 0.31		0.013	TR	0.001
682	204.7	206.0	1.3	62.39-62.79 0.40		0.008	0.16	0.002
683	206.0	212.0	6.0	62.79-64.62 1.83		0.005	0.02	0.001
684	212.0	214.8	2.8	64.62-65.47 0.85		0.010	0.12	0.003
685	214.8	218.0	3.2	65.47-66.45 0.98		0.001	TR	0.001
686	218.0	219.0	1.0	66.45-66.75 0.307		0.008	0.11	<.001
687	219.0	226.0	7.0	66.75-68.88 2.13		0.002	TR	0.001
688	226.0	233.0	7.0	68.88-71.01 2.13		0.002	TR	0.002
689	233.0	234.0	1.0	71.01-71.32 0.31		0.002	TR	0.002
690	234.0	236.0	2.0	71.32-71.93 0.61		0.003	TR	<.001

NO.	INTERVAL	FT. M.	CORE WIDTH ft.	ASSAY DATA		
				MoS ₂ %	WO ₃ %	U ₃ O ₈ %
	90.0 - 92.0		2.0			
653	27.43- 28.04		0.61	0.040	TR	< 0.001
	92.0 - 94.0		2.0			
654	28.04- 28.65		0.61	0.30	0.32	0.002
	94.0 -100.8		6.8			
655	28.65- 30.72		2.07	0.130	TR	0.002
	100.8 -103.0		2.2			
656	30.72- 31.39		0.67	0.142	1.60	0.003
	103.0 -110.0		7.0			
657	31.39- 33.53		2.14	0.007	TR	0.003
	92.0 -103.0		11.0			
AVG.	28.04- 31.39		3.35	0.163	0.378	0.002
	119.0 -124.0		5.0			
659	36.27- 37.80		1.53	0.010	0.06	0.001
	124.0 -126.0		2.0			
660	37.80- 38.40		0.61	0.093	1.09	0.002
	126.0 -134.5		8.5			
661	38.40- 41.00		2.60	0.018	0.06	0.001
	134.5 -135.7		1.2			
662	41.00- 41.36		0.36	0.013	0.22	0.003
	135.7 -138.0		2.3			
663	41.36- 42.06		0.70	0.005	TR	0.002
	138.0 -139.0		1.0			
664	42.06- 42.37		0.31	0.032	0.40	0.006
	139.0 -140.0		1.0			
665	42.37- 42.67		0.30	0.010	TR	< 0.001
	140.0 -144.0		4.0			
666	42.67- 43.89		1.22	0.040	0.83	0.003
	144.0 -147.0		3.0			
667	43.89- 44.80		0.91	0.018	0.10	0.001
	124.0 -144.0		20.0			
AVG.	37.80- 43.89		6.09	0.028	0.334	0.002
	144.0 -147.0		3.0			
667	43.89- 44.80		0.91	0.018	0.10	0.001
	147.0 -153.3		6.3			
668	44.80- 46.73		1.93	0.023	0.15	0.002
	153.3 -157.7		4.4			
669	46.73- 48.07		1.34	0.002	TR	0.001
	157.7 -160.0		2.3			
670	48.07- 48.77		0.70	0.030	0.31	0.002
	160.0 -162.5		2.5			
671	48.77- 49.53		0.76	0.002	TR	0.001
	162.5 -170.0		7.5			
672	49.53- 51.92		2.29	0.022	0.16	0.002
	170.0 -174.0		4.0			
673	51.82- 53.04		1.22	0.003	TR	0.002
	174.0 -178.0		4.0			
674	53.04- 54.26		1.22	0.008	0.24	0.004
	178.0 -181.0		3.0			
675	54.26- 55.17		0.91	0.050	0.08	0.002
	144.0 -178.0		34.0			
AVG.	43.89- 54.26		10.36	0.014	0.121	0.002
	124.0 -178.0		54.0			
AVG.	37.80- 54.26		16.46	0.019	0.200	0.002
	92.0 -178.0		86.0			
AVG.	28.04- 54.26		22.22	0.035	0.177	0.002

8.3 Appendix CMaps

<u>Plan No.</u>	<u>Description</u>	<u>Scale</u>
No. 2	Claim Map	as shown
No. 3	Geology Plan	1" 610 meters
No. 4	Zone of Exploration Interest	1" 610 meters
No. 5	Tungsten Adit-Lost Creek	as shown
No. 6	Section A-A'	as shown
No. 7	Surface Details Tungsten Adit-Lost Creek	as shown
No. 8	Detailed Sampling "1 $\frac{1}{2}$ Showing"	as shown
No. 9	Section B-B' A-78-3	as shown
No. 10	Geology Upper Showings Area	as shown

8.4 Appendix D

Diamond Drill Log A-77-1, A-78-1

A-78-2, A-78-3

HOLE No. A-71-1

PROJECT M.U.T. SALMO

Page 3 of 11

INCLINATION: 70° SÆ AZIMUTH: 1130° E COORDINATES: 49° 05' N , 117° 12' W SCALE: 1cm = 1meter LOGGED BY: V.M.R.

DEPTH	SECONDARY MINERALIZATION		GEOLOGICAL TYPE	LITHOLOGY	CRYSTAL GRAIN SIZE	COLOR	SEDDING	REMARKS	SAMPLING		ASSAY	
	TYPE	MINES							No	LENGTH meters	W ₃	
28								31.5 to 35.5				
30	vein					black		Interbedded limestone with argillite converted to medium grade skarn				
						grey	30°	Clots of tremolite - epidote - secondary biotite (some garnet?)				
	vein diss.	qtz sph (var) Scheelite	Chrom. & zirconic			light grey			71312	31.1 to 31.9	.08%	
	diss.	Scheelite	"			dark grey						
	diss.	Scheelite	"									
	vein	Scheelite Pyrr. Ps.	"									
		"	"									
35	vein	qtz Pyrr. Ps.	Fecht.			grey	30°	34-35 Band of contact met. argillite (hornfels) filled with quartz segregations filled with pyrite - 3 stages of deformation. Scheelite related to final stage.				
	vein	"	"			grey						
	diss.	Scheelite (5m)	Chrom			grey	30°	35-37 Silicified limestone with bands of dark grey skarned lst. 1/3 meter Scheelite at 38m.	71311	36.16 to 36.30	.08%	
	diss.	Scheelite (1/3 m)	"									
40								38.6 to 38.39 m				
								Walled textured hornfels with clots of trem. & epidote				
	diss.	Scheelite	Chrom			black		40.9 to 40.8 m.				
								finely hornfelsed hard argillite with quartz, calcite, pyrrhotite pyrite veinlets. Trace Sphalerite.				
43								Cross faults displaying bedding				

INCLINATION: 70° SE AZIMUTH: N130E COORDINATES: 49° 05' N, 117° 12' W SCALE: 1 inch = 1 cm LOGGED BY: V.H.R.

DEPTH	SECONDARY MINERALIZATION		LITHOLOGY	CRYSTAL GRAIN SIZE	COLOR	SEDDING	REMARKS	SAMPLING		ASSAY		
	TYPE	MINS						TYPE	No	LENGTH METERS		
43	Vein	qtz-pym ps-cal	act									
45	Vein	qtz-spl cal-ps	"									
	Vein	qtz-ps cal	"									
	"	"	"									
	"	"	"									
	diss.	schect pyrrho	chem				45-8 to 51-1. Medium to high grade skarn Alternate bands of fine grained garnets (grossular) and diopsides, minor epi. & trn. The lighter bands (pure) of limestones appear to have reacted more intensely.	71310	49.61 49.70			30
50	diss.	schect pyrrho	"				51-1 to 56.9 & 70m to 59.9 Hornfels with silicification, purple secondary biotite and diopside, pyrite epidote in veins. Some mottled texture between 55.4 to 55.9	71309	51.68 to 51.77			16
	diss.	schect	"									
	Vein	garnet pyrrho	act									
55	diss.	schect	chem				← appearance of secondary biotite.					
	Vein	qtz-cal	act									
	"	"	"									
58	diss.	schect	chem					71308	51.66 51.77			37

INCLINATION: 70° SE AZIMUTH: N130° E COORDINATES: 49° 05' N, 117° 12' W SCALE: 1cm = 1m LOGGED BY: V.M.B.

DEPTH	SECONDARY MINERALIZATION		FACIES TYPE	LITHOLOGY	DISTAL OR GRAIN SIZE	COLOR	SEDDING	REMARKS	SAMPLING		ASSAY		
	TYPE	MINS							NO	LENGTH			
73													
75		cal, py	act sphaer.	act sphaer.		black	35°						
75	diss.	Scheelite				grey to dark grey		77.6 to 85.6 brillite with bedding plane segregations of quartz, with bands of silicified arg. limestone trans-epi (at 82.6 to 83.1)					
	diss.	Py				black							
	diss.	Scheelite				grey		85.6 to 88.5 Silicified stony limestone. Spotted mottled texture. The porphyroblasts are epidote and tremolite. (85.7-86, 87.9 to 88.5) Interbedded argillite (86.7 to 87.7) Some k-spar at 87.7					
80		calcite dol.	slump brn.			grey							
	vein diss.	trace Scheelite	act.			grey							
	vein	calcite				black							
85	fract. diss.	trace Scheelite Scheel.	act			grey to green black							
88		trace Scheel.				grey to green		88 to 88.6 trace of diss. Coarse grained Scheelite.					

PROJECT

INCLINATION: \hat{E} TO \hat{SE} AZIMUTH N130E COORDINATES: 49° 05' N 117° 12' W SCALE: 1 inch = 10m LOGGED BY: YAR

DEPTH	SECONDARY MINERALIZATION		GEOCH. TYPE	LITHOLOGY	TEXTURE OR GRAIN SIZE	COLOR	BEDDING	REMARKS	SAMPLING		ASSAY	
	TYPE	MINS							No	LENGTH	Pb	Zn
133	vein	Sphalerite Pyrite	ker	[Sketch]	SLY SLT FINE MONG MONG	grey	20'	135.3 to 147.7 Hornfels with bedding plane fractures.				
135	vein	Sphalerite	ker	[Sketch]				137 to 138.2 Secondary biotite to 140.9 qtz veins with pyrrhotite				
	vein	Sphalerite	ker	[Sketch]		dark grey	20'	142 to 142.7 veins with secondary bt & k-spar alteration Sphalerite				
140	vein	Sphalerite	ker	[Sketch]		dark grey	20'	144.3 to 145.1 Hornfels with hairline fractures with alteration envelopes.				
	vein	Sphalerite	ker	[Sketch]		dark grey	20'	145.8 to 146.2 secondary biotite. 147.2 k-spar bordering quartz veinlets.	71302	142 to 142.7	036%	146%
	vein	Sphalerite Kyanite Sphalerite	ker	[Sketch]		grey	20'					
145	vein	Sphalerite Pyrite	ker	[Sketch]								
	bands	Sphalerite Pyrite Pyrrhotite	ker	[Sketch]		dark grey to brown	20'	148.5 to 147.5 Spotted hornfels heavily stained with purple brown sec. biotite in places, ligonite & qtz (148.7)				

HOLE No. A-77-1

PROJECT UNIT SALMO

Page 11 of 14

INCLINATION: 70 SE AZIMUTH: N130E COORDINATES: 49° 05' N, 117° 12' W SCALE: 1 metre = 1 cm LOGGED BY: V.M.R.

DEPTH	SECONDARY MINERALIZATION		SPECIA TYPE	LITHOLOGY	CAPITAL OR STRAIN SIZE	COLOR SEDDING	REMARKS	SAMPLING		ASSAY	
	TYPE	MINS						No	LENGTH	No	
149							149.5 to 156.10				
150							Granite - altered and bleached The mafic minerals are completely destroyed, in place spotted. Highly silicified. Two stages of alteration.				
155							① Quartz-sericite-pyrite with molybdenite . Sericite mostly green. at. 150.4, 150.9, 151.2, 151.4. 152.5, 153.2 Molybdenite at 152.3, 153.2.	71301	152.3-		036%
156	END	OF	HOLE				② K. spar & secondary bt. varlets with alteration envelopes 154.6, 155, 155.2 with molybdenite (trace) Qtz-ser-py is later.				

HOLE No. A-78-1

PROJECT: M.U.T. PROJECT

JALMO, B.C.

Page 1 of 8

LOCATION: South of Lost Creek, MUT MTN

COORDINATES:

UTM:

ELEV: (4950) ??

INCLINATION: 90° AZIMUTH:

TOTAL DEPTH 116.7 metres.

HORIZ. PROJ. VERT. PROJ.

SURVEY		
LENGTH	DIP	AZIMUTH

HOLE STARTED: May 1978

HOLE COMPLETED: 11 1978

DRILLED BY: KOOTENAY EXPLORATION DRILLING
ROSSLAND, B.C.

CORE SIZE: AQ RECOVERY: 95 %

SCALE: 1 metre - 1cm

LOGGED BY: V. M. RAMALINGASWAMY

DEPTH	SECONDARY MINERALIZATION		BRECCIA TYPE	LITHOLOGY	CRYSTAL OR GRAIN SIZE	COLOR	BEDDING	REMARKS	SAMPLING		ASSAY				
	TYPE	MINS							No.	LENGTH					
1					CLAY SILT FINE MEDIUM COARSE										
2								argillite-							
3						dark grey	20	2.7, 3.9 Creanulakins bedding angle steepens.							
4						grey	20	Interbedded limy bands closely spaced together							
5							25	5.2 Creanulakins 5.6 drag folds.							
						grey to dark grey	20								
	veined	qtz-cal pyrrh.	lect.				70	8.0 qtz-cal veined with ep. pyrrh. ch(?)							
	vein	qtz-cal	lect.					8.2 - 8.5 trace of a fold - core.							
	vein	"	lect.				20	8.6 - qtz-cal veined							
10	"	"	"					9.0 - 9.1 "							
						black		9.2 limy band with spots (?)							
								9.8 fault zone - black org.							
						grey to dark grey	20	10.4 gouge.							
12								qtz-cal-pyrrh veined.							

1 cm = 1 inch

INCLINATION VERTICAL AZIMUTH _____ COORDINATES _____ SCALE 1cm - 1meter LOGGED BY VMR

DEPTH METRES	SECONDARY MINERALIZATION		BRECCIA TYPE	LITHOLOGY	GRAIN SIZE	COLOR	BEDDING	REMARKS	SAMPLING		ASSAY					
	TYPE	MIN.							NO	LENGTH						
45								dark argillite (graphitic schist. -								
	quartz	qtz-cal. pyrr.	act				20									
							20		46.6 - 7, .8 qtz. cal. pyrr. fault. fillings.							
	actinolite	pyrr. cal.					80									
50	actinolite	pyrr. cal.	act				30		50.2 to 51 sch. ⊥ to core.							
	actinolite	pyrr. cal.	act				30		Schistose layers wrapping around the quartz layers.							
	actinolite	qtz. cal. pyrr.	act				30									
55	actinolite	qtz. cal. chl. pyrr. epid.														
	"	"														
60																
61									59 to 60.1 fault zone. Graphitic zone							

HOLE No. A-78-1

PROJECT M.U.T. SALMO

PAGE 6 OF 8

INCLINATION VERTICAL AZIMUTH _____ COORDINATES _____ SCALE 1cm - 1metre LOGGED BY VMR

DEPTH METRES	SECONDARY MINERALIZATION	BRECCIA TYPE	LITHOLOGY	GRAIN SIZE	COLOR	BEDDINGS	REMARKS	SAMPLING		ASSAY	
								NO.	LENGTH		
77							77.2 → 77.3 limy argillite with limy laminae.				
80	veinlet	Calcite ket	[Sketch]	CLAY SILT FINE MED COARSE	dark grey	20'	78.4 to 79.6 Crenulations -				
					grey	80'					
80	veinlet	Calcite ket	[Sketch]	CLAY SILT FINE MED COARSE	black ↓ dark grey	40' 80'	79.6 tectonic bx with Calcite matrix fragments are argillite				
							79.6 to 83.0 darker colored argillite with graphitic slip planes. Lighter colored bands Calcite veinlets deep to bedding planes. (pyrrhotite) Crenulations.				
85	veinlet	Calcite ket	[Sketch]	CLAY SILT FINE MED COARSE			83 to 82.8 argillite with lighter colored bands with syngenetic pyrrhotite				
							83.8 to 86.6 Part of the fault zone - with graphitic portions, bedding cannot be recognized - Calcite veinlets.				
90	vein	Cal, gk hemolite	[Sketch]	CLAY SILT FINE MED COARSE			86.6 to 89.2 argillite with slip planes.				
							89.2 to 90.8 lighter colored limy argillite with brecciated portions (tectonic & calcsensatory).				
93			[Sketch]	CLAY SILT FINE MED COARSE			90.8 to 93.2 darker colored argillite with graphitic slip planes - crenulations				
							92.5 to 93.3 light colored bed at 93.3				

DEPTH METRES	SECONDARY MINERALIZATION		BRECCIA TYPE	LITHOLOGY	GRAIN SIZE	COLOR	BEDDING	REMARKS	SAMPLING		ASSAY	
	TYPE	MIN.							NO	LENGTH		
93			Chim		CLAY SILT FINE MID COARSE		20°	93.6 to 93.9 light colored, thin argillite with recrystallized portions. blades of tremolite, calcite, qtz & pyrochloite.				
95							30°	93.9 to 94.7 Greenish with graphitic slip planes. 94.7 to 94.9 dark & light colored bands				
100								94.9 to 96 black argillite with a few lighter colored bands. 96 to 99.7 fault zone with gouge at 99.3 to 99.7 herp. fractures at 99.6 graphitic slip planes at 98.6 to 99.4				
105						light grey to green	30°	99.6 to 106.1 light colored limestone contact metamorphosed with tremolite chlorite, calcite & pyrochloite in portions. Calcite & pyrochloite perp to bedding. recrystallized in portions. 106 → fractured up lat. with graphitic portions.				
109							30°	106.1 to 116.7 Fault zone with intense gouge, fragments of high grade skarn trapped in the				

INCLINATION

AZIMUTH

COORDINATES

SCALE

1cm - 1metre

LOGGED BY

DEPTH	SECONDARY MINERALIZATION		BRECCIA TYPE	LITHOLOGY	GRAIN SIZE	COLOR	BEDDING	REMARKS	SAMPLING		ASSAY		
	TYPE	MINS.							NO.	LENGTH			
METRES					CLAY SILT FINE MED COARSE								
12	fractured	Calcite epi, po	lect										
15		"	lect					Concretions throughout the section.					
	fractured	Calcite epi	lect					16 to 17 Cross cutting fractures filled with Calcite between beds.					
20		Calcite epi						19. Same as above					
		Calcite epi po						21.0 "					
	fractured	Calcite epi po	lect					21.5 "					
25	"	"						24.2 fracture ⊥ bedding with Calcite, po etc. concretions.					
	"	4.2 bt.						25.2 to 26.0 po, calcite, epi, 2.1.2 bt & Wo, perp to fracture					
28								26.4 Same as above					

INCLINATION

AZIMUTH

COORDINATES

SCALE

1cm - 1metre

LOGGED BY

DEPTH METRES	SECONDARY MINERALIZATION		BRECCIA TYPE	LITHOLOGY	GRAIN SIZE CLAY SILT FINE MID COARSE	COLOR	BEDDING	REMARKS	SAMPLING		ASSAY	
	TYPE	MINS							No	LENGTH		
44							50°	crumulations				
45	Calcite	po										
							40°	47.6 crumulations with graphitic shales				
	Calcite	po										
50								50. purp fractures to bedding 51.1 lighter colored limy 52.0 argillite band. 52.7				
							30°	53.6 crumulations.				
							70°					
55	Calcite							55.2 purp fractures.				
								57.1 Calcite po. vein.				
	Calcite	po						58.3				
	"	"						58 to 58.8 Calcite qtz, po, Wollastonite veins				
	"	"						59.7 to 60 lighter limy argillite				
60							30°					

INCLINATION

AZIMUTH

COORDINATES

SCALE 1cm=1metre

LOGGED BY

DEPTH METRES	SECONDARY MINERALIZATION		PROGRIA TYPE	LITHOLOGY	GRAIN SIZE	COLOR	BEDDING	REMARKS	SAMPLING		ASSAY	
	TYPE	MINs							AC	LENGTH		
76					CLAY SILT FINE MID COARSE			77.1 to 79.9 granulations highly fractured - fault zone with gouge at 79.9				
80	veinlets			Fault				80.4 to 85.2 Fault zone with gouge and layers fractured with graphitic slip planes.				
85	fracture	calcare hem.	leuc chom	Fault zone				85.2 to 87.5 interbedded argillite with heavy argillite heavy argillite has stringy clots of tremolite.				
90				Fault zone				87.5 to 92.1 highly crushed rock with fault gouge				
92	veinlets	Calcare qtz, trem, leuc Woll, epi	leuc					88.8 to 92.1 the fault zone is filled with calcite, trem, Woll, epi and pyrrhotite veinlets.				

INCLINATION

AZIMUTH

COORDINATES

SCALE 1cm - 1metre

LOGGED BY

DEPTH METRES	SECONDARY MINERALIZATION		BRECCIA TYPE	LITHOLOGY	GRAIN SIZE	COLOR	BEDDING	REMARKS	SAMPLING		ASSAY	
	TYPE	MINES							NO	LENGTH		
92	Skarn	hem, ep, qtz, biot Calcite K-feld Sch.	chem.		CLAY SILT FINE MED COARSE			92.1 to 93.1 15° black argillite with syngenetic pyrite & pyrrhotite, NO crystalline & schistosity				
95								93.1 to 94.4 Skarn with hem, ep, biotite, Calcite & quartz. trace of blue-white schistosity 94.1 - at 94.4				
		ep, cal Sphalerite po.						94.4 to 103 dark gray argillite with syngenetic pyrite & pyrrhotite Sphalerite mineralization 96.2-97.2				
100		Sphalerite						99.4 (6") thin argillite is spotted with clots of bt, hem. sph. is primary (?)				
	Skarn	bacl scheelite pyrrhotite	chem.					103 to 103.6 Skarn - clots of hem, bt, bands with hem, ep, qtz				
105								103.6 to 104.7 Spotted hornfels with clots of hem, bt, Calcite, po, veinlets at 104.3, 104.7				
								105.7 to 106.4 fault zone				
		Sph. qtz Calcite po.						106.4 to 109.2 Spotted hornfels blades of hem, bt.				
108								Skarn from 108 to 108.6 trace Scheelite				

DEPTH M	SECONDARY MINERALIZATION		BX TYPE	LITHOLOGY	GRAIN SIZE	COLOR	BEDDING L	REMARKS	SAMPLING		ASSAY			
	TYPE	MIN S							NO	LENGTH				
130														
	SEVEN	Py PyR CHALC TR Scheelite			fine	Bl.	40°	<p>ARGILLITE 130.31-131.09 GRAY UNIFORM TEXTURED CONTAINING WIDER SPACES INCLUDES SOME SILEXIFIED FRACTURES.</p> <p>@130.54-130.62 MASS SPHERULES OF CHALC Py, PyR, AN-CALCO IN 1912 GULFIC TO 2000 @ 25"</p> <p>@131.12-131.40 Py PyR IN SPHERULES WITH CHALC</p> <p>@131.17-131.36 SCARCE</p> <p>@133.35-133.45 SPHERULES AGG. POSSIBLE SILEX?</p> <p>@134.44-135.00 20' WIDE CRACKS. DISC Py - 1912 Py IN SPACES & IN MASS OF 2 FIL FOR FURTHER INFO</p> <p>ARGILLITE 137.59-139.66 BLACK UNIFORM TEXTURED R₂ AS ABOVE, WITH LINER</p>						
135														
140					fine	Bl.	30°							

DEPTH M	SECONDARY MINERALIZATION		BX TYPE	LITHOLOGY	GRAN SIZE	COLOUR	BEDDING °	REMARKS	SAMPLING		ASSAY				
	TYPE	MIN S							NO	LENGTH					
142		Py, Pyrr ZnS			FINE	BL	50°	OTZ-CALC FIL @137.71-137.80 OTZ INCL. AND ZINC CONTAINING Py, Pyrr, Pyrr, ZnS? @141.75-141.80, (Pyrr), Py CALC IN FIL 116 CORE							
					FINE	RL	50°	Pyrr, Pyrr, ZnS @144.66-144.70 CALC BL FIL 116 INCL WITH Pyrr Pyrr Pyrr.							
150		Py, Pyrr ZnS.				GRY	80°	@146.90-146.94 DISS Py Pyrr, Sphalerite. @149.71-149.84 BLEACHED (LIGHTLY) MINERALIZED SECTN WITH Py, Pyrr, SPHALERITE @151.50-151.60 BLEACHED SECTN FINELY DISS Pyrr + ZnS? <u>ARGILITE</u> 151.83-151.39 (AS ABOVE)							
155							80°	@152.30-152.41 BLEACHED SECTN @153.78-153.93 OTZ INCL WITH Pyrr @ FCC. @155.5-155.8 Bleached Sectn							

DEPTH M	SECONDARY MINERALIZATION		BX TYPE	LITHOLOGY	GRAIN SIZE	COLOUR	BEDDING °	REMARKS	SAMPLING		ASSAY			
	TYPE	MIN'S							NO	LENGTH				
195					GRY BL		80°	<p><u>ARG</u> AS ABOVE GRY BL 177.90 - 196.00 Speckled variety. MINOR QTZ-calc films Py</p> <p><u>ARG</u> 196.00 - 203.46 Speckled VARIETY. MINOR QTZ-CALC INCL + STD. GRY BL, Py</p> <p><u>ARG</u> 203.46 - 210.79 AS ABOVE @ 210.00 - 210.03 QTZ calc STR @ 85°</p> <p><u>ARG</u> 210.79 - 218.30 AS ABOVE Dense black variety. Py XTALS AND SMOG</p> <p><u>ARG</u> 218.30 - 225.67 @ 219.62 - 219.92 SIL Bleached Sectn with Py-Pyrr 65° @ 224.18 - 224.27 Bleached SIL Sectn POSSIBLE SCARN 65° @ 225.48 - 225.51 SIL SECTN 80°</p> <p><u>ARG</u> 225.67m - 226.52 <u>ARG</u> AS ABOVE</p> <p><u>GRANITE</u> 226.52 - 226.90</p> <p><u>ARG</u> 226.90 - 229.14" <u>ARG</u> AS ABOVE TRACE Scheelite</p>						

DIAMOND DRILL RECORD

PROPERTY MUT GROUP BENSON MINES LTDHole No. A-78 ZSheet No. 13-14

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

Direction at Start: Dip _____

Date	Feet Drilled	Total Depth	SECTION			REMARKS (LOG)	Core Recovery	Foliation Inclination
			From	To	Feet			
		↑	225.67	226.52	0.85	ARG (AS ABOVE)		
	Repeat	↑	226.52	226.90	0.38	GRANITE - BLEACHED ALTERED		
	of Page					MINOR CR. MATES GENERALLY		
	13	↓	226.90	229.11	2.21	ARG (AS ABOVE) TO sheet 12		
			229.11	230.28	1.17	GRANITE GRAY GREEN VARIETY BLEACHED		
						MINOR BY POSSIBLE WHISPS OF Molybdenum		
			230.28	230.60	0.32	ARG AS ABOVE		
			230.60	236.28	5.68	GRANITE (AS ABOVE)		
						END OF HOLE		
						775' or 236.28 m		

Drilled by: _____

J. Poloni
Geologist in Charge

DIAMOND DRILL RECORD

Hole No. A-78-3

PROPERTY

MULT CLAIMSSheet No. 1 of 9BENSON MINES LTDLocation: Claim No. MULT #5

Lat _____

Dep _____

Elevation of Collar 3020' (920.49)m

Datum _____

Bearing _____

Started Nov 5, 1978Completed Nov 21, 1978Ultimate Depth 334 ft (101.8m)

Proposed _____

Direction at Start: Dip

-90°@ 165° - 90°@ 376° - 90°Core Size AG

Date	Feet Drilled	Total Depth	SECTION			REMARKS (LOG)	Core Recovery	Foliation Inclination
			From	To	Feet			
			0.0	4.5	4.5 1.17m	GRANITE - ANTIKED BUFF BROWN TO PINK WITH LIMONITIC STAINING		
			4.5	5.7	1.2 0.37	ARGILLITE - SILICIOUS VARIETY WITH MINOR DISSEMINATED SULFIDES, PYRITE		
			5.7	14.0	8.3 2.53	GRANITE - ANTIKED, LIMONITIC SPECKLING SULFIDES PYRITE MINOR MoS_2		
			14.0	26.5	12.5 3.81	ARGILLITE - THIN BEDDED WITH MINOR PYRITE AS FILMS AND PDS. READING AT 30° - 45°		
			26.5	46.5	20.0 6.10	GRANITE - SILICIOUS QUARTZ INCLUSIONS WITH SEAMS & PDS PYRITE, MINOR		

Drilled by: KOOTENAY EXPLORATION DRILLING
LTDJOHN R. PELONI
Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 78-3

PROPERTY _____

Sheet No. 2 of 9

Location: Claim No. _____
 Lat _____
 Dep _____
 Elevation of Collar _____
 Datum _____
 Bearing _____

Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

Direction at Start: Dip _____

Date	Feet Drilled	Total Depth	SECTION			REMARKS (LOG)	Core Recovery	Foliation Inclination
			From	To	Feet			
						<i>Ms₂ FRACTURED, WITH LIGNITE FILINGS</i>		
						<i>ITABENLOSE, AND RUBY PYRRHOTITE</i>		
			<i>46.5</i>	<i>50.2</i>	<i>3.7 1.13</i>	<i>ARGILLITE - DENSE BLACK VARIETY WITH QUARTZ</i>		
						<i>FILAMENTS AND INCLUSIONS BOTH CONCORDANT & DISCORDANT. PYRITE DISSEMINATED</i>		
						<i>AND AS FILMS CS AT 80°</i>		
			<i>50.2</i>	<i>53.2</i>	<i>3.0 0.91</i>	<i>GRANITE - BLEACHED SILICIOUS, MICHA, AND</i>		
						<i>MINOR HINT MS₂</i>		
			<i>53.2</i>	<i>54.0</i>	<i>0.8 0.24</i>	<i>ARGILLITE - BROKEN CORE, NEAR CS POSSIBLE</i>		
						<i>FAULT @ 85°</i>		
			<i>54.0</i>	<i>55.0</i>	<i>1.0 0.31</i>	<i>GRANITE - BLEACHED, WITH MINOR KINOWITE</i>		
						<i>CS @ 55°</i>		

Drilled by: _____

 Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 78-3

PROPERTY _____

Sheet No. 3 of 9

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing _____

Direction at Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

Date	Feet Drilled	Total Depth	SECTION			REMARKS (LOG)	Core Recovery	Foliation Inclination
			From	To	Feet			
			55.0	56.0	1.0 0.31	ARGILLITE - WITH QUARTZ INCLUSIONS, PYRITE AS FOSS AND FILMS		
			56.0	90.0	34.0 12.36	ARGILLITE - DENSE BLACK @ TIMES SOMEWHAT CENTRATED, PYRITE THROUGHOUT AS FILMS & FOSS BEDDING @ 65° @ 70.3 - 70.8 INTRUSIVE WITH MINOR SPECKLED FeS_2 & PYRITE @ 87.6 - 87.8 QUARTZ FILAMENT WITH FAIR PYRITE, CONTORTED CS @ 40°		
			90.0	100.5	10.5 3.20	SILICIOUS SEDIMENTARY UNIT WITH SECTIONS OF PEGMATITIC PINK FELDSPAR, SEARN @ 92.0 - 96.5 FINELY DISSEMINATED		

Drilled by: _____

Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 78-3

PROPERTY _____

Sheet No. 1 of 9

Location: Claim No. _____
 Lat _____
 Dep _____
 Elevation of Collar _____
 Datum _____
 Bearing _____

Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

Direction at Start: Dip _____

Date	Feet Drilled	Total Depth	SECTION			REMARKS (LOG)	Core Recovery	Foliation Inclination
			From	To	Feet			
						<i>As₂, POSSIBLE POWELLITE?</i>		
						<i>@96.5-101.5 DISSEMINATED As₂ IN SILICIOUS UNIT WITH LIMY SECTIONS</i>		
						<i>POWELLITE?</i>		
			<i>100.5</i>	<i>117.3</i>	<i>16.8 5.12</i>	<i>SCARN - As₂ FOR 0.3" FROM 100.5-100.8</i>		
						<i>MINOR As₂ INFREQUENTLY IN HERE</i>		
						<i>SILICIOUS SECTIONS. POWELLITE?</i>		
			<i>117.3</i>	<i>126.0</i>	<i>8.7 2.05</i>	<i>"NEAR" SCARN @TIMES SILICIOUS WITH VERY</i>		
						<i>MINOR SULFIDES POWELLITE?</i>		
			<i>126.0</i>	<i>199.1</i>	<i>73.1- 22.28</i>	<i>SILICIOUS BEDDED UNIT @TIMES WITH VERY</i>		
						<i>FINE SULFIDES PYRITE, NEAR CS @ 60°</i>		
						<i>SPLITYPE, UNIT RECEDES SLIGHTLY</i>		

Drilled by: _____

 Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 78-3

PROPERTY _____

Sheet No. 5019

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

Direction at Start: Dip _____

Date	Feet Drilled	Total Depth	SECTION			REMARKS (LOG)	Core Recovery	Foliation Inclination
			From	To	Feet			
						SCARNY @ 129.0', CONTAINS THIN LIMY MEMBERS SOMEWHAT CONTORTED INFREQUENTLY. BEDDING 45-50°. POWELLITE?		
						@ 147.0 - 150.9 LIMONITIC FILMS		
						@ 161.7 - 161.8 LIMESTONE (BLUE)		
						@ 164.8 - 165.1 ALTERED GRANITE		
						@ 165.1 - 181.0 SLIGHTLY SCARNY		
						@ 181.0 - 195.5 SILICIOUS "NEAR" SCARN BEDDING @ 65°		
						@ 195.5 - 195.6 ARGILLITE		
						@ 195.6 - 199.1 "NEAR" SCARN, SILICIOUS SEDIMENT, BEDDING CONTORTED & @		

Drilled by: _____

Geologist in Charge _____

DIAMOND DRILL RECORD

Hole No. 78-3

PROPERTY _____

Sheet No. 6 of 9

Location: Claim No. _____
 Lat _____
 Dep _____
 Elevation of Collar _____
 Datum _____
 Bearing _____

Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

Direction at Start: Dip _____

Date	Feet Drilled	Total Depth	SECTION			REMARKS (LOG)	Core Recovery	Foliation Inclination
			From	To	Feet			
						TILES ALMOST PARALLEL TO CORE		
			199.1	202.6	3.5 1.07	BASIC DIKE, WITH PEBBY & FINELY DISSEMINATED SULFIDES (PYRITE)		
						NEAR CS @ 20°, FAR CS @ 40°		
			202.6	243.0	39.4 12.01	SILICIOUS "NEAR" SCARN AS ABOVE		
						@ 203.1 - 203.9 TILES AS PEBS & THIN FILTS IN SCARN		
						@ 210.0 - 212.5 SCARN		
						@ 212.5 - 216.0 "NEAR" SCARN - SILICIOUS		
						@ 216.0 - 221.5 SCARN - SULFIDES @		
						219.0 FOR C.S.		
						@ 221.5 - 224.1 SILICIOUS UNIT BEDDING		

Drilled by: _____

 Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 78-3

PROPERTY _____

Sheet No. 7 of 9

Location: Claim No. _____
 Lat _____
 Dep _____
 Elevation of Collar _____
 Datum _____
 Bearing _____

Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

Direction at Start: Dip _____

Date	Feet Drilled	Total Depth	SECTION			REMARKS (LOG)	Core Recovery	Foliation Inclination
			From	To	Feet			
						@ 40° LIMY		
						@ 224.1 - 229.9 SCARN		
						@ 229.9 - 235.9 "NEAR" SCARN, SILICIOUS UNIT		
						@ 235.9 - 242.0 SEDIMENT - LIMY		
						ARGILLITE BEDDING @ 40°		
			242.0	248.8	6.8 2.07	BASIC DIKE WITH CALCITE FRAGMENTS AND PODS, FINEGRAINED NEAR CS		
						@ 20°		
			248.8	249.3	0.5 0.15	SILICIOUS LIMONITIC UNIT WITH MINOR MOS ₂		
			249.3	249.7	0.4 0.12	DIKE AS ABOVE		

Drilled by: _____

 Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 78-3

PROPERTY _____

Sheet No. 8 of 9

Location: Claim No. _____
 Lat _____
 Dep _____
 Elevation of Collar _____
 Datum _____
 Bearing _____

Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

Direction at Start: Dip _____

Date	Feet Drilled	Total Depth	SECTION			REMARKS (LOG)	Core Recovery	Foliation Inclination
			From	To	Feet			
			249.7	261.0	11.3 3.14	ARGILLITE - WITH QUARTZ SILICIOUS BANDS		
			261.0	263.3	2.3 0.70	BRECCIA ZONE CEMENTED ARGILLITE AND QUARTZ FRAGMENTS TO 0.1' WITH MINOR LIMONITE		
			263.3	272.0	8.7 2.65	ARGILLITE WITH THIN SEAMS OF SULFIDES (PYRITE) NEAR CS @ 65°		
			272.0	274.8	2.8 0.85	SILICIOUS UNIT WITH MINOR ARGILLITE		
			274.8	334.0	59.2 18.04	ARGILLITE - FOKER CHIP VARIETY BEDDING @ 65° WITH THIN SEAMS SULFIDES (PYRITE). SECTIONS OF QUARTZ		

Drilled by: _____

 Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 78-3

PROPERTY _____

Sheet No. 9 of 9

Location: Claim No. _____
 Lat _____
 Dep _____
 Elevation of Collar _____
 Datum _____
 Bearing _____

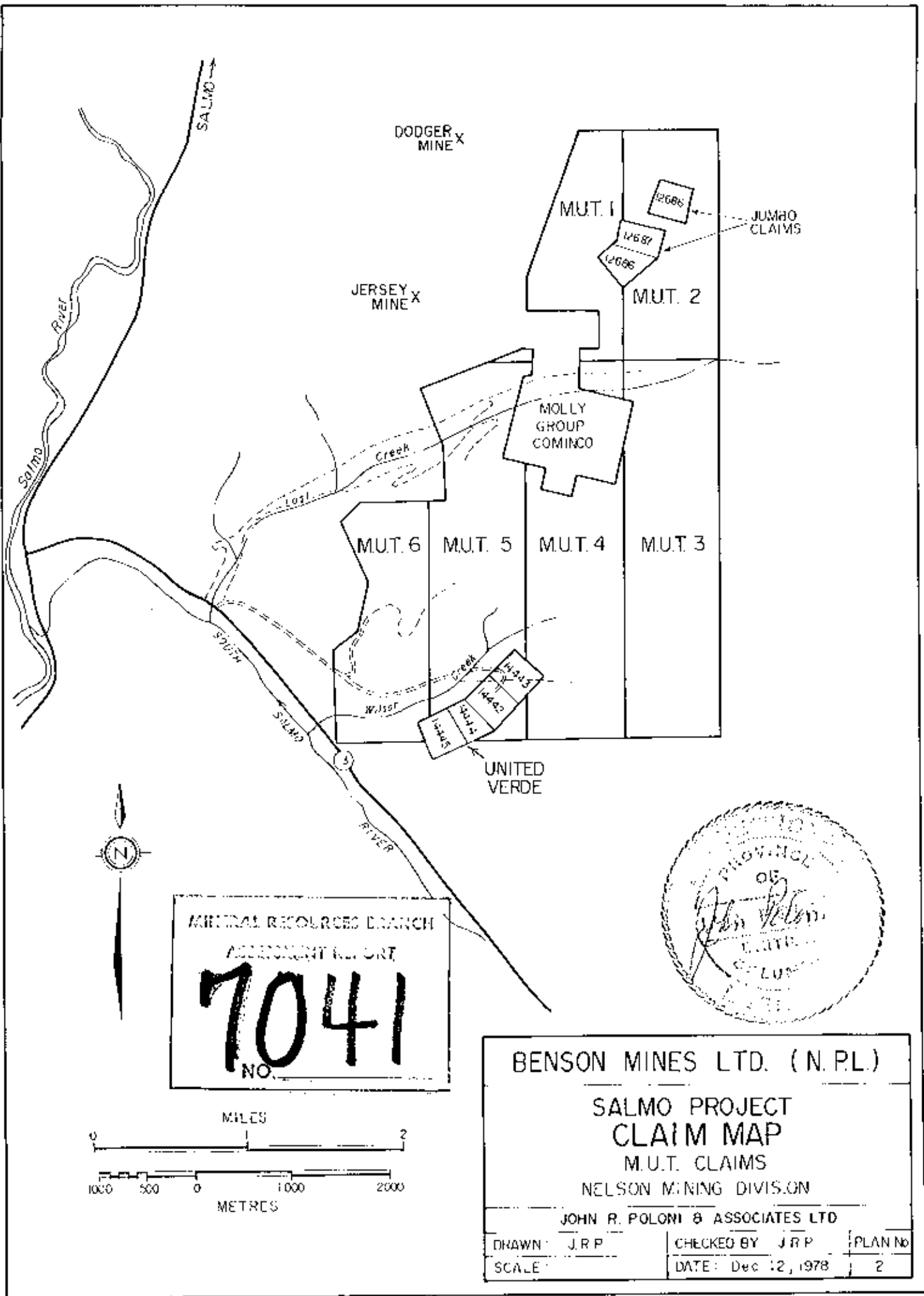
Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

Direction at Start: Dip _____

Date	Feet Drilled	Total Depth	SECTION			REMARKS (LOG)	Core Recovery	Foliation Inclination
			From	To	Feet			
						BEDDING GENERALLY CONCORDANT FOR		
						0.1 - 0.2', INFREQUENT THIN FILAMENTS		
						OF QUARTZ DISCORDANT		
						END OF HOLE 334.0'		
						(101.8 m)		

Drilled by: _____

 Geologist in Charge

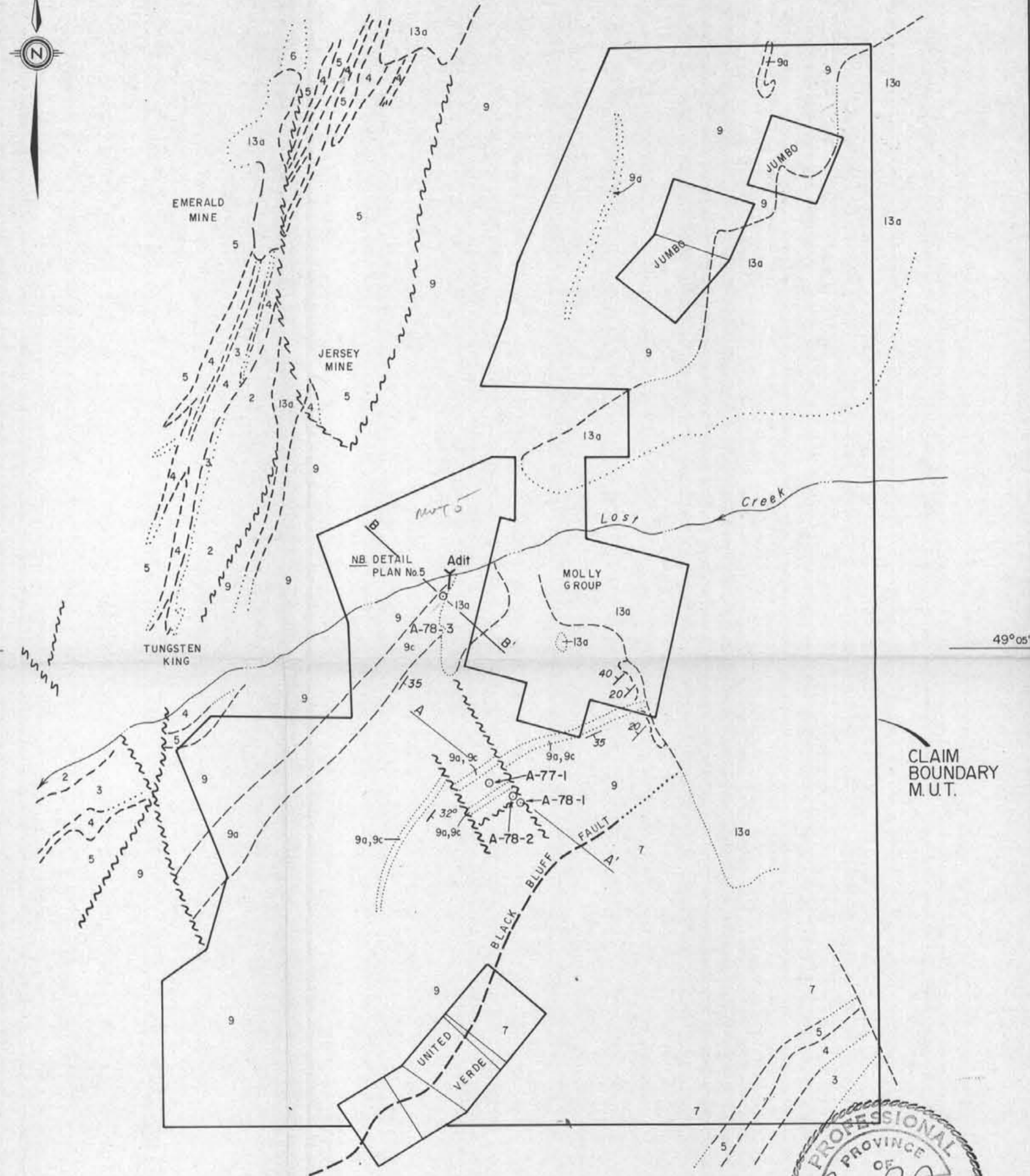




117° 12'

49° 05'

49° 05'

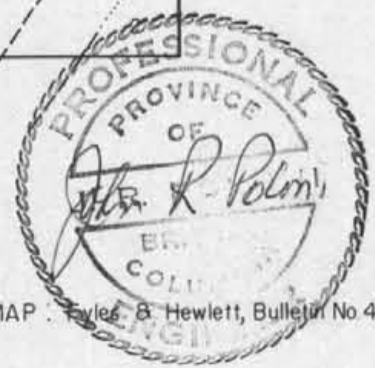


LEGEND

- 13a GRANITE
- 9 ACTIVE FORMATION - BLACK ARGILLITE
- 9a GREY LIMESTONE & ARGILLACEOUS LIMESTONE
- 9a SILICIFIED ARGILLITE & LIMESTONE
- 7 PHYLLITE, SCHIST, MICACEOUS QUARTZITE, LIMESTONE
- 6 BLACK PHYLLITE & ARGILLITE
- 5 REEVES - LIMESTONE, MINOR DOLOMITE
- 4 TRUMAN - PHYLLITE, ARGILLITE, LIMESTONE LENSES
- 3 RENO - GREY, BLOCKY MICACEOUS QUARTZITE
- 2 NEVADA - WHITE QUARTZITE, BROWN MICACEOUS QUARTZITE
- MAJOR TRUST FAULT
- FAULT
- CONTACT, DEFINITE - ASSUMED

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7041
NO.

REFERENCE MAP: Fyles & Hewlett, Bulletin No 41, Fig. 3



BENSON MINES LTD. (N.P.L.)		
SALMO PROJECT GEOLOGY MAP M.U.T. CLAIMS NELSON MINING DIVISION		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN: J.R.P.	CHECKED BY: J.R.P.	PLAN No
SCALE: 1:610m (2000)	DATE: Dec 12, 1978	3

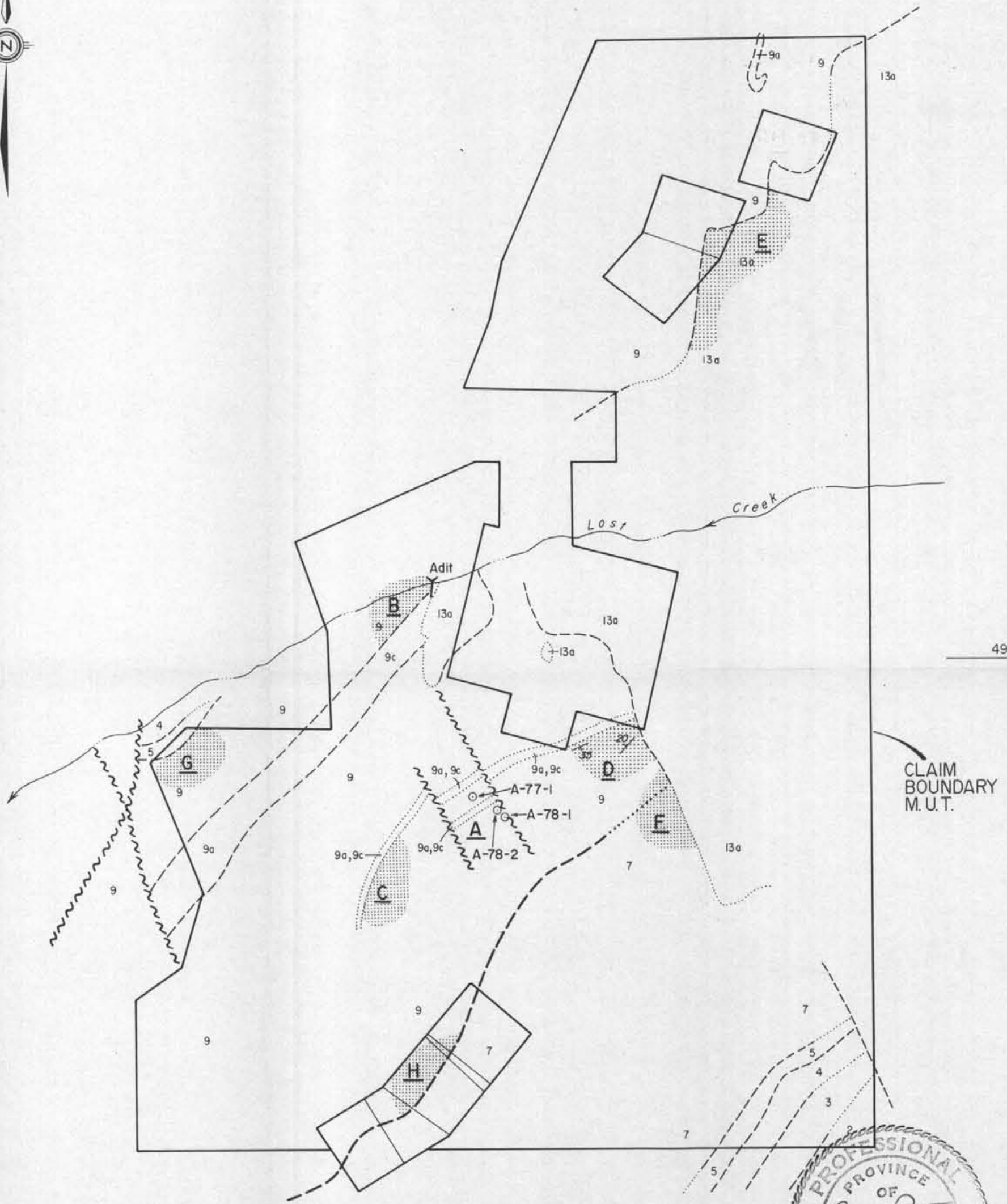
117° 12'



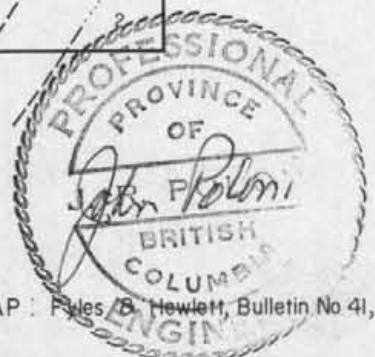
117° 12'

49° 05'

49° 05'



CLAIM BOUNDARY M.U.T.



REFERENCE MAP: Files B, Hewlett, Bulletin No 41, Fig. 3

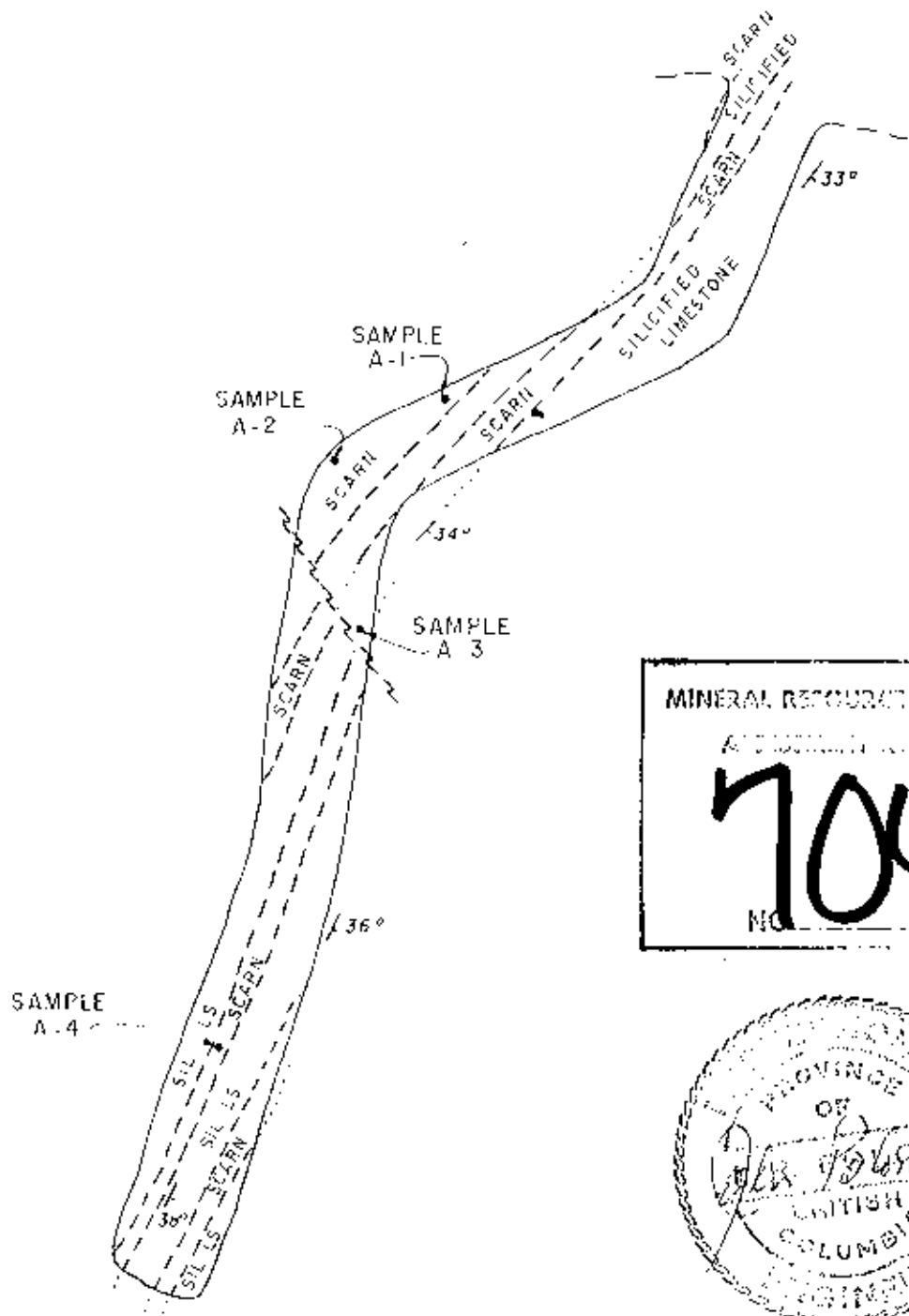
NOTE:

- FOR GEOLOGY REFER TO PLAN No.3
- FOR DESCRIPTION OF ZONES OF EXPLORATION POTENTIAL REFER TO SECTION 8

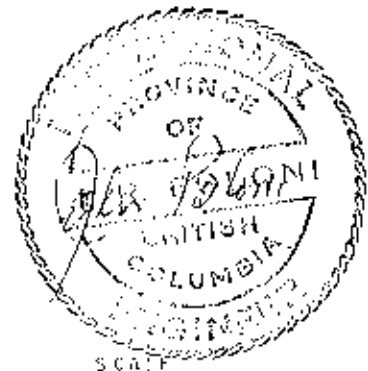
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7041
NO. _____

BENSON MINES LTD. (N.P.L.)		
SALMO PROJECT		
ZONES OF EXPLORATION INTEREST		
M.U.T. CLAIMS		
NELSON MINING DIVISION		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN: J.R.P.	CHECKED BY: J.R.P.	PLAN No.
SCALE: 1" = 610m (2000')	DATE: Dec. 12, 1978	4

117° 12'



MINERAL RESOURCE BRANCH
 ADIT-LOST CREEK
7041
 NO.



SCALE 0 1 2 METERS

NOTE

MAPPED BY V M RAMALINGASWAMY
 SCARN PYRRHOTITE, K. SPAR, DIOPSIDE
 TRENOLITE, SCHEELITE, POWELLITE, W₂
 SILICIOUS LIMESTONE TREMOLITE, WOLASTONITE,
 TRACE SCHEELITE
 FOR ASSAY DATA REFER TO APPENDIX C

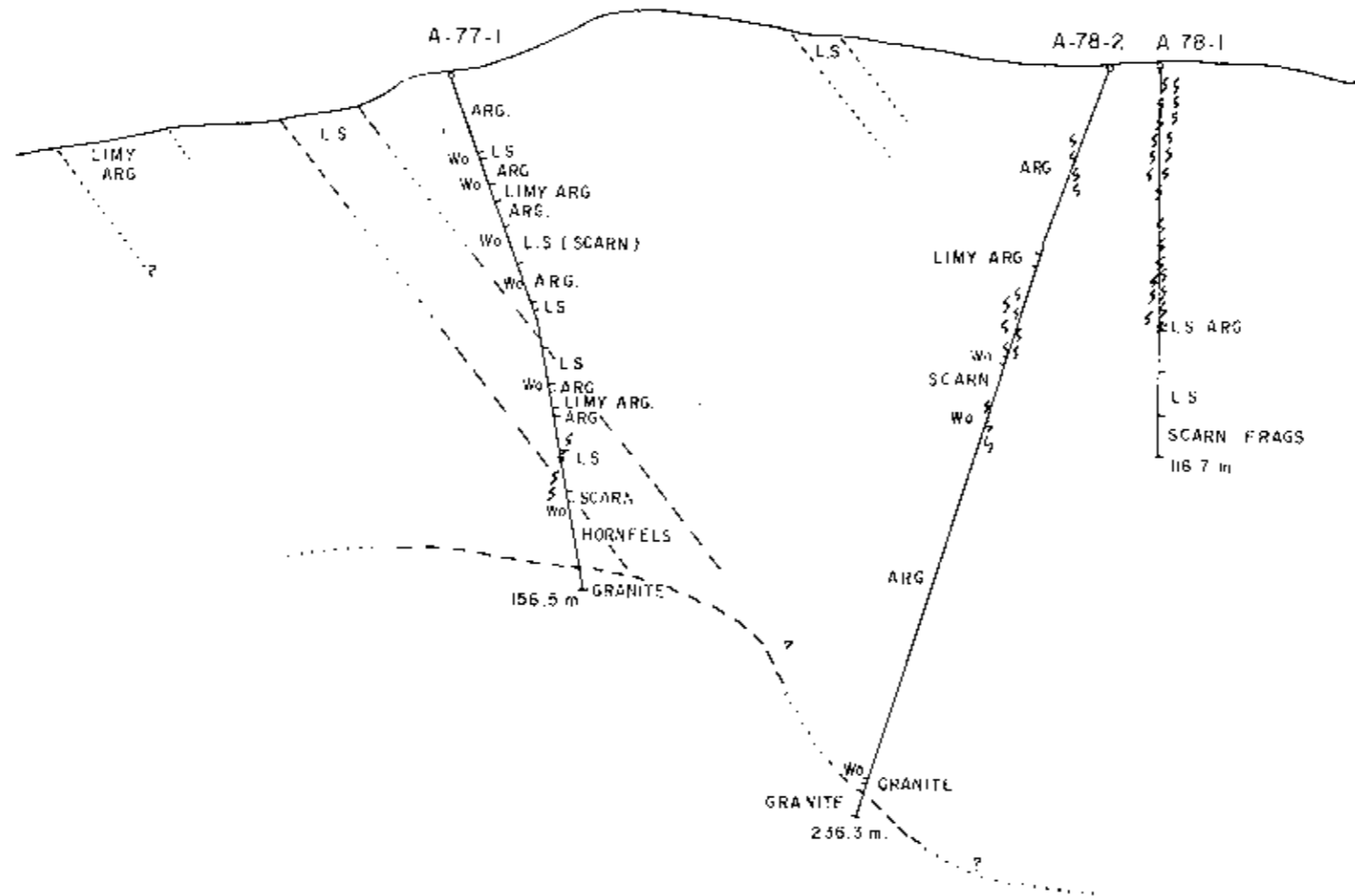
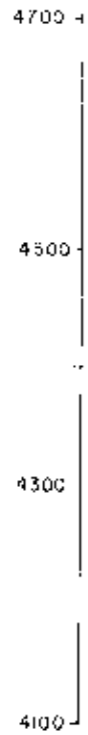
BENSON MINES LTD. (N.P.L.)

SALMO PROJECT
TUNGSTEN ADIT-LOST CREEK
 M.U.T. CLAIMS
 NELSON MINING DIVISION

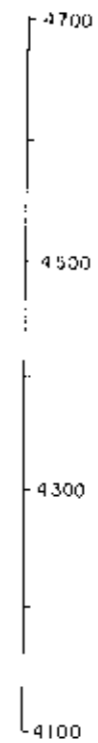
JOHN R. POLONI & ASSOCIATES LTD

DRAWN: J.R.P.	CHECKED BY: J.R.P.	PLAN No
SCALE AS SHOWN	DATE: Dec. 12, 1978	5

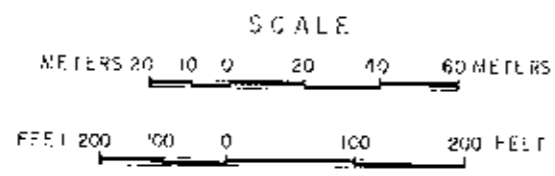
A



A'



MINERAL RESOURCES DIVISION
 AN ACTING REPORT
7041
 No.



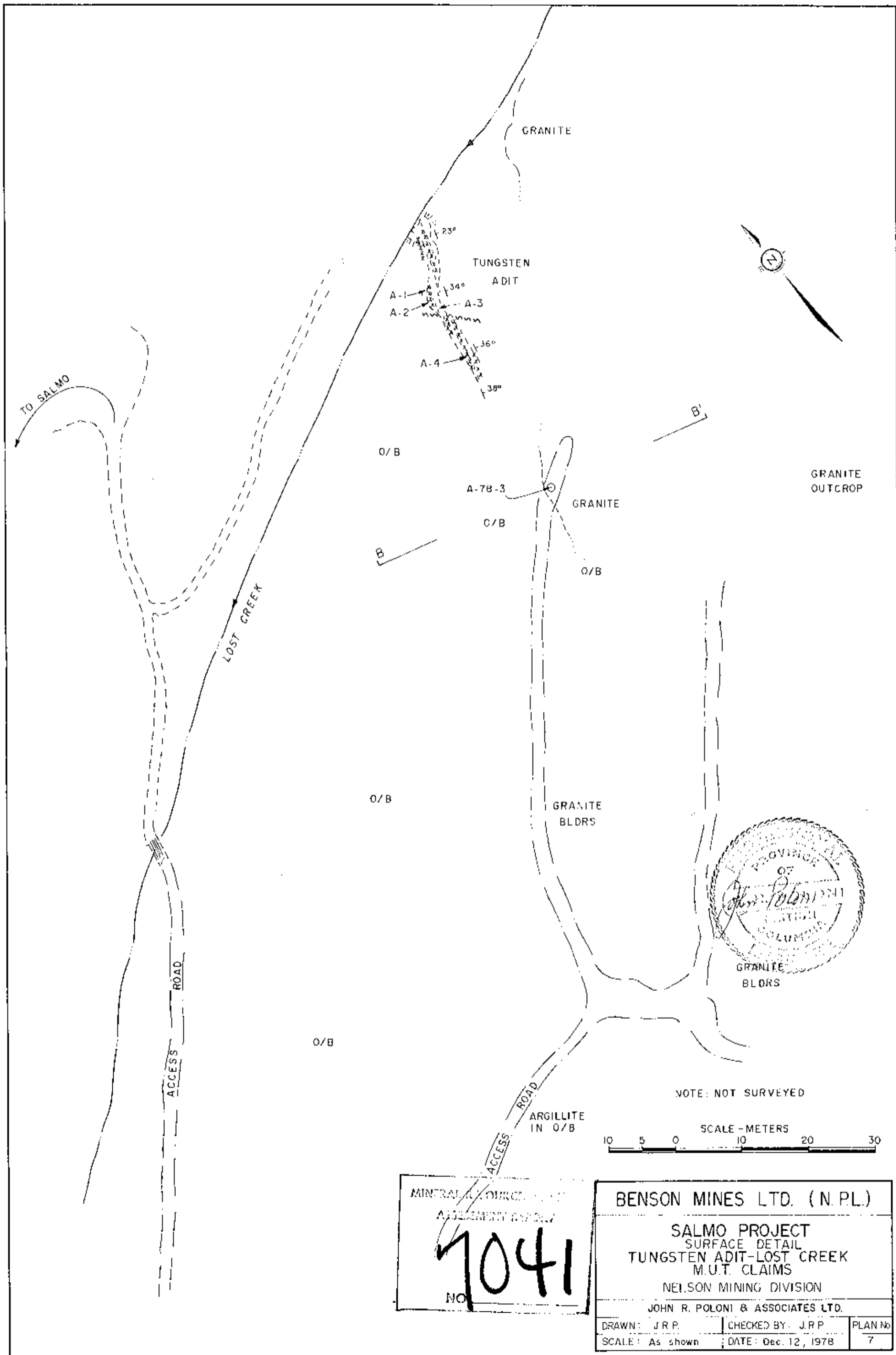
NOTE
 LOOKING N E

BENSON MINES LTD. (N.P.L.)

SALMO PROJECT
 SECTION A-A'
 M.U.T. CLAIMS
 NELSON MINING DIVISION

JOHN R. POLONI & ASSOCIATES LTD.

DRAWN: J.R.P.	CHECKED BY: J.R.P.	PLAN No
SCALE:	DATE: Dec 12, 1978	6



MINERAL ADIT NO. 7041
 NO.

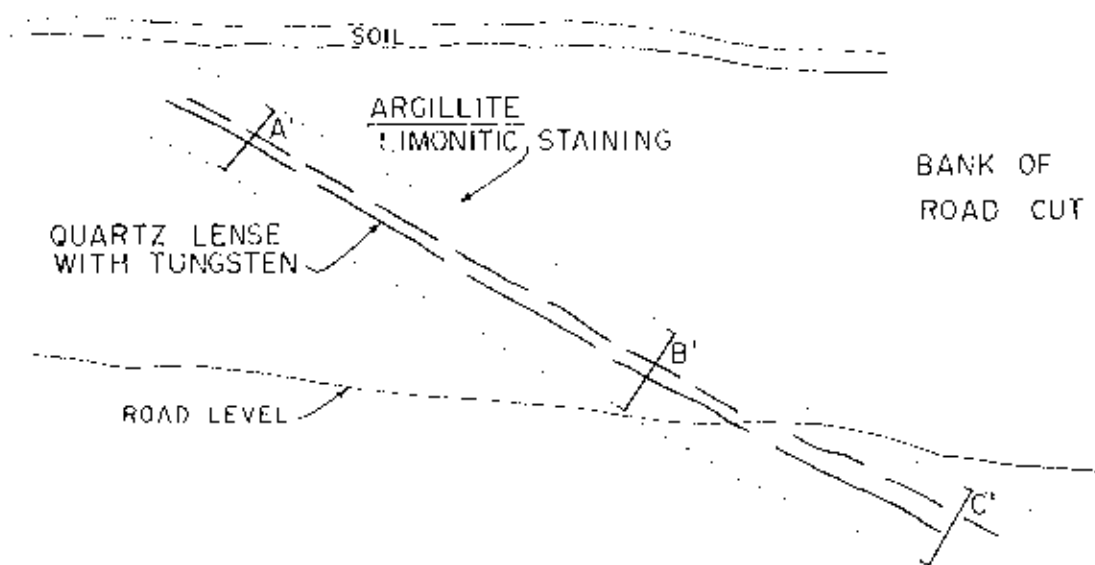
BENSON MINES LTD. (N.P.L.)

SALMO PROJECT
 SURFACE DETAIL
 TUNGSTEN ADIT-LOST CREEK
 M.U.T. CLAIMS
 NELSON MINING DIVISION

JOHN R. POLONI & ASSOCIATES LTD.

DRAWN: J.R.P.	CHECKED BY: J.R.P.	PLAN No
SCALE: As shown	DATE: Dec. 12, 1978	7

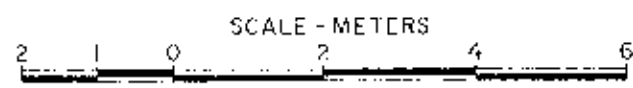
LOOKING NORTH EAST



SAMPLE LOCATIONS DATA

No	WIDTH	WC ₃ %	
A	1.0m	TR	(IN BANK)
B	1.0m	0.09	(IN BANK)
C	15m	0.15	(ON ROAD)

MINERAL RESOURCES BRANCH
 AND ASSOCIATED INSTITUTIONS
7041



BENSON MINES LTD. (N.P.L.)

SALMO PROJECT
 DETAILED SAMPLING
 "1% SHOWING"
 NELSON MINING DIVISION

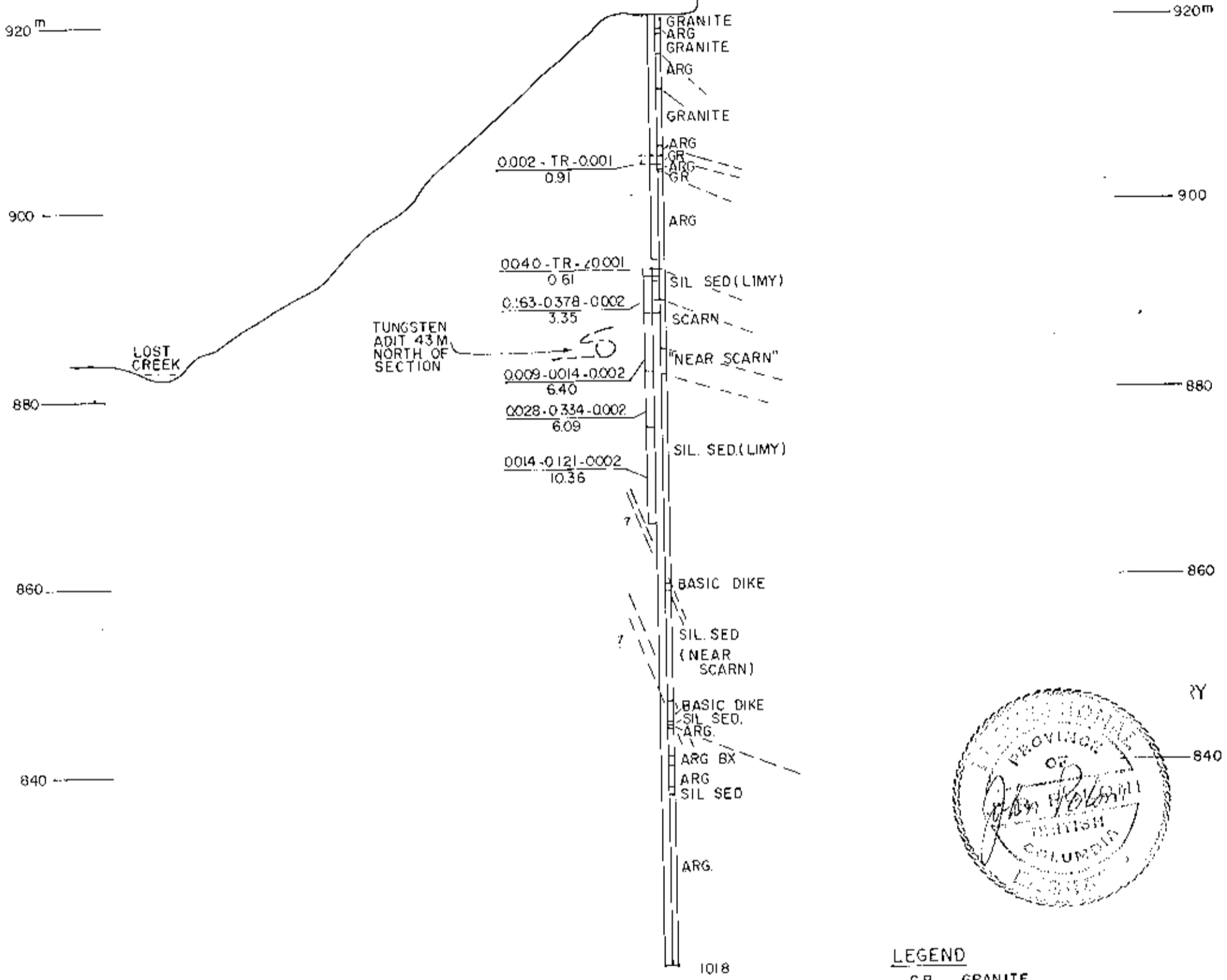
JOHN R. POLONI & ASSOCIATES LTD.

DRAWN: J.R.P.	CHECKED BY: J.R.P.	PLAN No
SCALE: As shown	DATE: Dec. 12, 1978	B

B

B'

A-78-3



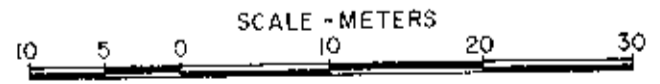
LEGEND

- GR - GRANITE
- ARG - ARGILLITE
- SIL. SED. - SILICIOUS SEDIMENT

ASSAY DATA

Mc S₂ % - W O₃ % - U₃O₈ %
METRE

NOTE: SECTION LOOKING NORTH B-B'
NOT SURVEYED



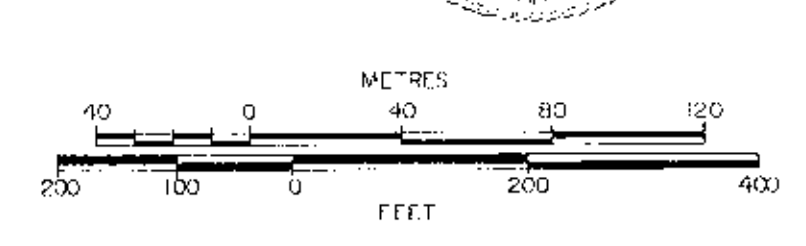
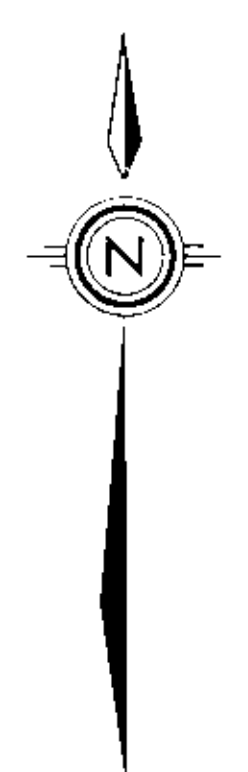
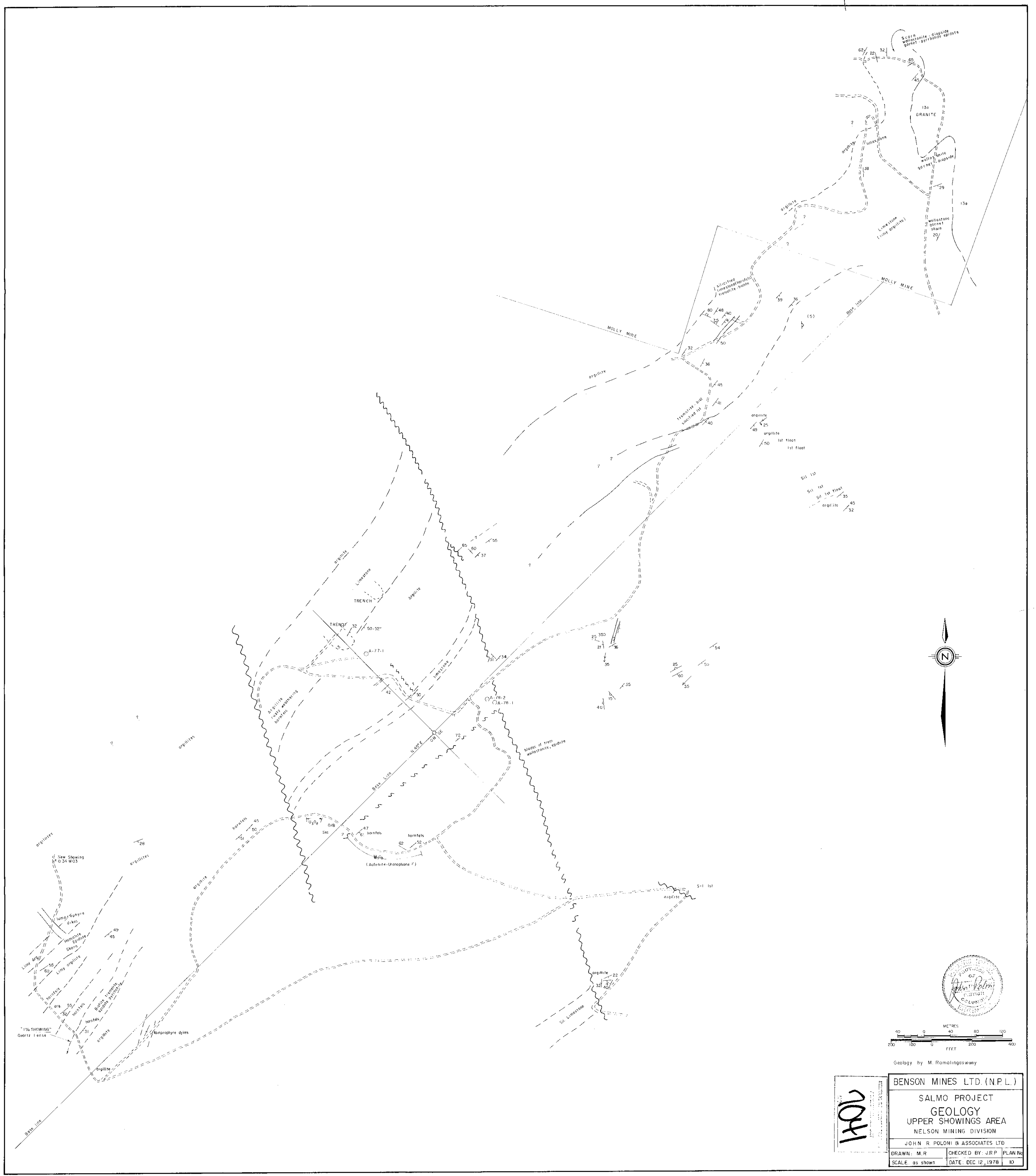
MINING REGULATION DIVISION
ASSESSMENT REPORT
704
N.Y.

BENSON MINES LTD. (N.P.L.)

SALMO PROJECT
SECTION A-78-3 B-B'
M.U.T. CLAIMS
NELSON MINING DIVISION

JOHN R. POLONI & ASSOCIATES LTD.

DRAWN: J.R.P.	CHECKED BY: J.R.P.	PLAN No.
SCALE: As shown	DATE: Dec. 12, 1978	9



Geology by M. Ramalingaswamy



	BENSON MINES LTD. (N.P.L.)		
	SALMO PROJECT		
	GEOLOGY		
	UPPER SHOWINGS AREA		
NELSON MINING DIVISION			
JOHN R. POLONI & ASSOCIATES LTD.			
DRAWN: M.R.	CHECKED BY: J.R.P.	PLAN No	
SCALE: as shown	DATE: DEC. 12, 1978	10	