

ARIS SUMMARY SHEET

District Geologist, Victoria

Off Confidential: 90.12.20

ASSESSMENT REPORT 19821

MINING DIVISION: Alberni

PROPERTY: Scrutor Gold
LOCATION: LAT 50 05 00 LONG 127 01 00
UTM 09 5549561 641893
NTS 092L03W

CAMP: 029 Zeballos - Kyuquot Area

CLAIM(S): Scrutor Gold 1
OPERATOR(S): Lone Trail Pros.
AUTHOR(S): Bilquist, R.

REPORT YEAR: 1989

KEYWORDS: Jurassic, Bonanza Group, Dacites, Andesites, Pyrite, Pyrrhotite
WORK

DONE: Prospecting
PROS 300.0 ha

RELATED
REPORTS: 14618, 15562, 19820
MINFILE: 092L 100

FILMED

REPORT ON THE PROSPECTING SURVEY
OF THE SCRUTOR GOLD #1 CLAIM

ALBERNI MINING DIVISION

NTS 92L/3

LAT. 50 05' LONG. 127 01'

OWNER/OPERATOR: LONE TRAIL PROSPECTING LTD.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,821

AUTHOR: RON BILQUIST

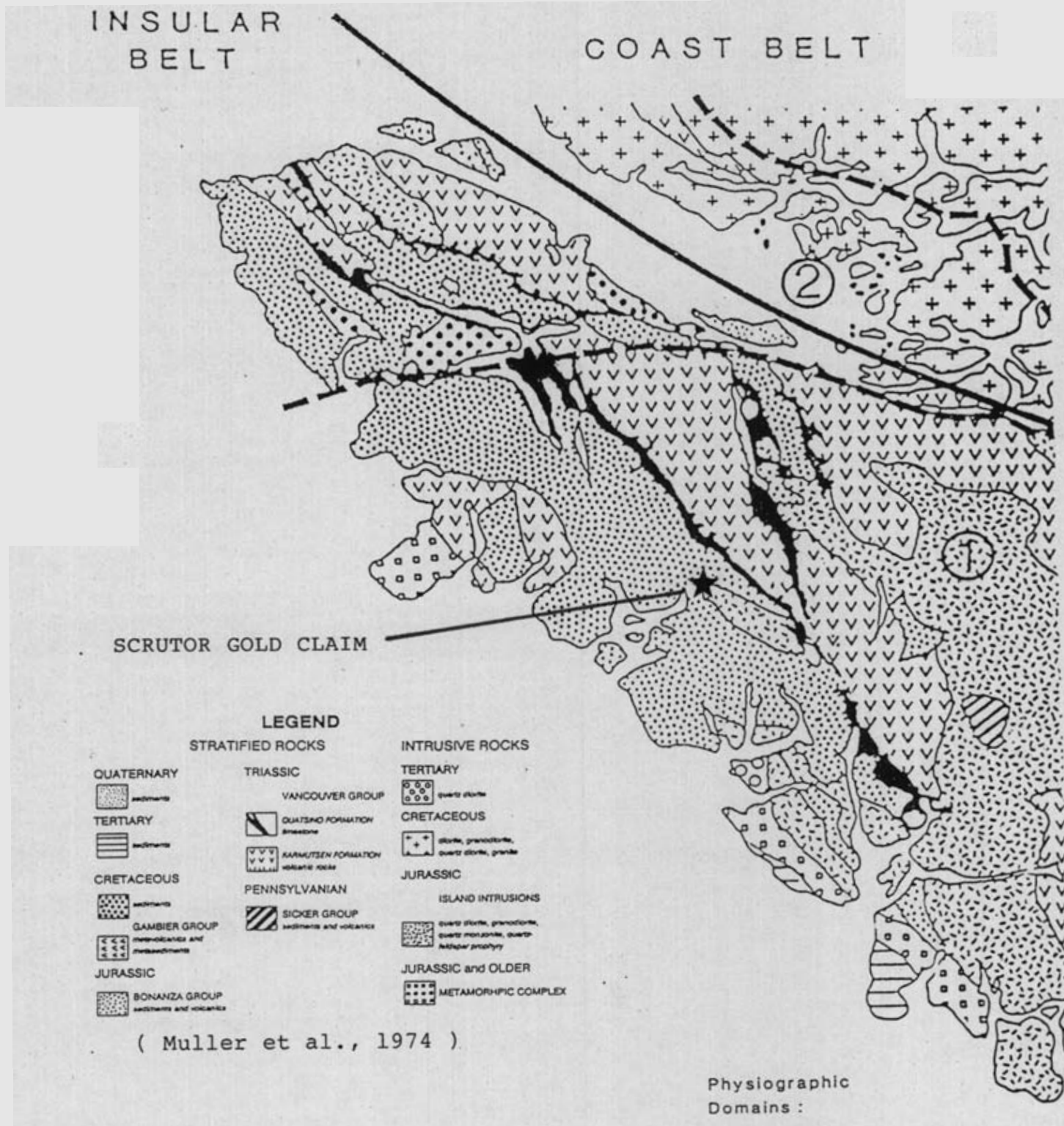
DECEMBER, 1989

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TABLE OF CONTENTS

	Page
INTRODUCTION	1
PREVIOUS WORK	1 & 2
REGIONAL GEOLOGY	2
PURPOSE	2
RESULTS AND INTERPRETATION	3 & 4
CONCLUSIONS AND RECOMMENDATIONS	4 & 5
SAMPLE RESULTS	6
STATEMENT OF COSTS	7
STATEMENT OF QUALIFICATIONS	8
ILLUSTRATIONS:	
REGIONAL GEOLOGY & LOCATION MAP	follows table of contents
PROSPECTORS MAP	in pocket at back of report

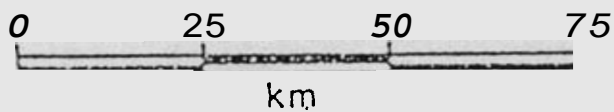
REGIONAL GEOLOGY AND LOCATION MAP



(Muller et al., 1974)

Physiographic
Domains :

- ① Insular Mountains
- ② Coastal Trough
- ③ Coast Mountains



INTRODUCTION: This report concerns the prospecting carried out during 1989 on the Scrutor Gold mineral claim. The claim is located on northern Vancouver Island about five kilometers east **of** the north end of Tahsish Inlet. Access is via a logging road system which leaves the Island Highway about ten kilometers south of Nimpkish. The claim consists **of** one 12 unit claim, record #3712, staked by Ron Bilquist for Lone Trail Prospecting Ltd. and recorded on December 29, 1989. The area of the main showings is in fairly steep southwest facing terrain overlooking the Artlish River valley to the south. Logging has not reached the showings as yet but new roads down the Artlish River valley suggest that the area will be logged in the near future. Part of the north boundary line is in 5 year old logging slash.

PREVIOUS WORK:

1946 - Minfile No. 92L100 - Tunneling on sulphide veins; trail and camp construction.

1986 - Ass. Rept. #14618 by R.V. Longe for MineQuest Exploration Assoc. Ltd. Limited geology, rock and silt geochem. and some prospecting.

1987 - Ass. Rept. #15562 by A.W. Gourlay for MineQuest Exploration Assoc. Ltd. Geology and silt sampling of a claim adjoining to the north.

1988 - Ass. Rept. #17134 by Linda J. Lee for

PREVIOUS WORK (cont.):

MineQuest Exploration Assoc. Ltd. Limited geological mapping, silt and soil sampling and 21 rock samples for rock geochemistry.

REGIONAL GEOLOGY:: The north end of Vancouver Island was mapped for the GSC in 1974 by Muller, Northcote and Carlisle. A map showing the regional geology with the claim location can be found following the table of contents. They describe the area where the Scrutor Gold claim is as the lower jurassic Bonanza Volcanic Group - andesitic to rhyodacite lava, tuff and breccia. To the north, about four kilometers from the claims, is the upper triassic Parson Bay Formation consisting of calcareous siltstone, shale, limestone, greywacke, conglomerate and breccia. The south half of the claims is mapped as the Jurassic Island Intrusions which are described variously as quartz diorite, granodiorite, quartz monzonite and quartz-feldspar porphyry.

PURPOSE: The purpose of prospecting during 1989 was to try get an accurate picture of the geology within the claim boundaries. It was also intended that the showings as well as potential exploration targets be looked at with respect to the local geology and try to determine trends, size potential and possible new targets.

RESULTS AND INTERPRETATION: A map illustrating a more detailed picture of the property is in the pocket at the back of this report. The most interesting features occur in the vicinity of the old showings. Briefly, the local geologic package consists of fractured andesite with two parallel shears at the old showings. Outcrops of massive fractured andesite with veins and veinlets of secondary calcite occur just upstream (north east) from the old showings. Traces of galena were found here. The shears at the main showings trend southeast to almost south. They are lost immediately in overburden on either side of the creek but appear to be pinching out on the north side of the creek and possible widening on the south side. In the right fork on Young Creek, historically known as Naish Creek, there is again an abundance of outcrop. The outcrops are a variety of what appears to be interbedded volcanics consisting of andesite, silicified andesite, rhyolite and a rhyolite breccia. In the rhyolite breccia the fragments are quite small - grit size to almost a centimeter. There is considerable pyrite in all rock types in Naish Creek and most outcrops are quite rusty with very deep weathering making fresh surfaces difficult to obtain. **An** outcrop of limestone was found in a small tributary of Naish Creek which drains in from the south east. The size and the extent of the limestone is not known but an interesting feature is that pyrite and

chalcopyrite are found here. The slope is very steep and thick with underbrush and moss. About 100 meters to the south of Naish Creek are bluffs of granodiorite. Occasional small quartz veins and stringers mineralized with pyrite and chalcopyrite are found here.

A few samples were taken from the old showings and surrounding areas. These were analysed for multielements. A list of the samples and results can be found on page 6 and their location is shown on the Prospectors Map in the pocket at the back of the report.

The results of the rocks proved interesting in that they would seem to support a theory indicating a skarn type occurrence with precious metals. The geochemical signature is identical to that of copper/iron skarn deposits with precious metals on Vancouver Island. Elements considered anomalous were Cu, Pb, Zn, Au, Ag, Co, Fe, As, and Bi. Other elements occasionally anomalous were Sb, Cd, Mn. and Mo.

CONCLUSIONS AND RECOMMENDATIONS: From prospecting Traverses it has been determined that a favorable host does exist for a skarn or replacement type deposit. The favorable host being the limestone found just south east of the main showings. The undetermined factor thus far is

the size and extent of the limestone.

It has also been determined that at the old showings the sulphides are in shear zones in fractured volcanics. These pinch out to the north and appear to widen to the south towards the limestone. It is recommended that the sulphides be traced to the south by trenching and geophysics. It is also recommended that further prospecting be initiated in the rugged area south east of the main showings to try determine the extent of the limestone. A small camp should be constructed at the forks of Young and Naish Creeks to more easily facilitate prospecting in this area. Recent logging activity has improved access but it will be a year or two until roads are up into the claim from the south.

SAMPLE#

	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BT	V	CA	P	LA	CR	HG	BA	TI	B	AL	MA	K	W	AU4
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	%	PPM	PPM
578	5	218	3	7	.2	10	22	202	0.45	13	5	ND	3	7	1	2	2	69	.44	.031	2	17	.81	7	.19	3	1.01	.06	.01	1	1
579	5	135	4	5	.2	5	13	176	4.45	82	5	ND	1	8	1	2	2	118	.40	.048	4	16	.78	8	.30	5	.90	.08	.02	1	1
563	1	20643	25	146	12.8	2	521	98	30.73	10067	11	ND	3	3	8	3	257	8	.33	.013	2	1	.13	2	.02	2	.37	.01	.01	1	9729
566	1	3594	3	18	4.3	1	3289	35	2.47	10718	5	6	1	1	1	4	65	2	.04	.001	2	129	.02	1	.01	7	.95	.01	.01	3	4420
567	21	122	9	35	1.0	9	74	891	14.06	131	5	ND	1	28	1	6	2	293	6.44	.053	3	14	1.59	3	.16	3	2.04	.03	.02	1	16
568	6	665	2707	3711	7.8	63	1812	187	12.17	9531	5	3	1	18	11	85	117	14	5.89	.004	2	78	.12	1	.01	8	.13	.01	.01	26	1290
461	12	172	3	26	.3	5	24	72	4.34	79	5	ND	1	2	1	2	2	65	.32	.018	2	13	.32	1	.25	2	.52	.08	.03	1	8
462	3	92	5	67	.2	13	24	103	3.93	142	5	ND	1	1	1	2	2	32	.34	.028	2	12	.33	1	.11	2	.52	.04	.01	1	1
458	2	5823	4	27	6.8	4	67	32	6.27	250	5	2	1	2	1	2	28	2	.18	.001	2	6	.04	1	.01	2	.85	.01	.01	3	1071
459	6	12659	156	282	9.9	3	936	129	22.55	45184	5	7	1	11	2	24	501	4	.33	.002	2	1	.14	4	.01	2	.37	.01	.01	3	13608
460	4	141	52	183	1.7	21	152	283	14.13	215	5	ND	2	3	1	2	5	83	.32	.024	2	6	.87	3	.04	2	1.10	.03	.01	1	75
463	4	182	7	12	.5	5	14	203	5.02	167	5	ND	1	10	1	2	2	125	.50	.072	3	18	1.11	5	.12	2	1.32	.07	.01	1	58
464	5	64	7	5	.3	7	12	72	3.19	23	5	ND	1	2	1	2	2	73	.75	.097	3	5	.24	1	.19	2	.47	.94	.21	1	15
465	22	89	49	52	.3	11	16	146	5.37	21	5	ND	1	2	1	2	2	4	.22	.051	3	2	.75	18	.47	7	.64	.41	.17	1	43
729	<1	202	14	21	0.8		20			7																					5
730	5	0.44%	<2	13	4.4		36			130																					735
731	1	1.32%	<2	62	9.0		620			2280																					2025
732	<1	90	9	2	1.6		10			280																					5
733	2	158	5	10	0.4		21			320																					30
734	4	83	2	4	<0.2		19			330																					<5
735	4	55	4	16	0.2		15			9																test	STD	AU4			300
736	7	37	2	6	<0.2		20			6																					<5

SCRUTOR GOLD ROCK SAMPLE RESULTS

STATEMENT OF COSTS

Wages :

- Ron Bilquist - 8 days @\$140./day (May 8 - 10, June 14 & 15, Nov. 12 and half day Nov. 14, 1989)	\$1120.00
- T. Bilquist - 3 days @ \$100./day (May 8 - 10, 1989)	\$300.00
- K. Bilquist - 1.5 days @\$100./day (Nov. 12 and 14, 1989)	\$150.00

Truck Rental: 6.5 days @40./day	\$260.00
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Camp (Room & Board): 9 man days @\$30./day	\$270.00
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Fuel :	\$146.04
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Ferry:	\$17.85
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Shipping:	\$7.70
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Copies:	\$4.50
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Total	\$2276.09
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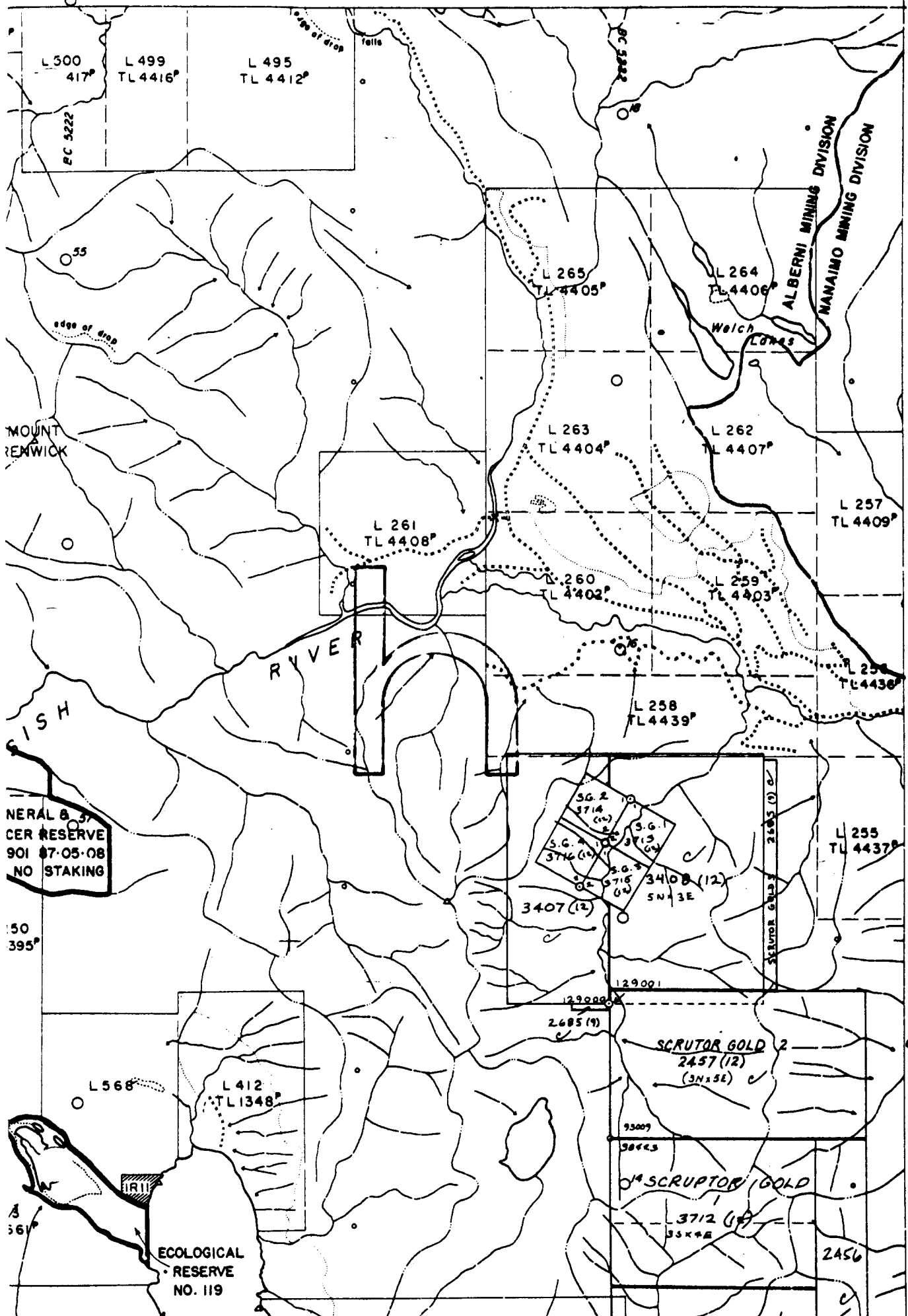
STATEMENT OF QUALIFICATIONS

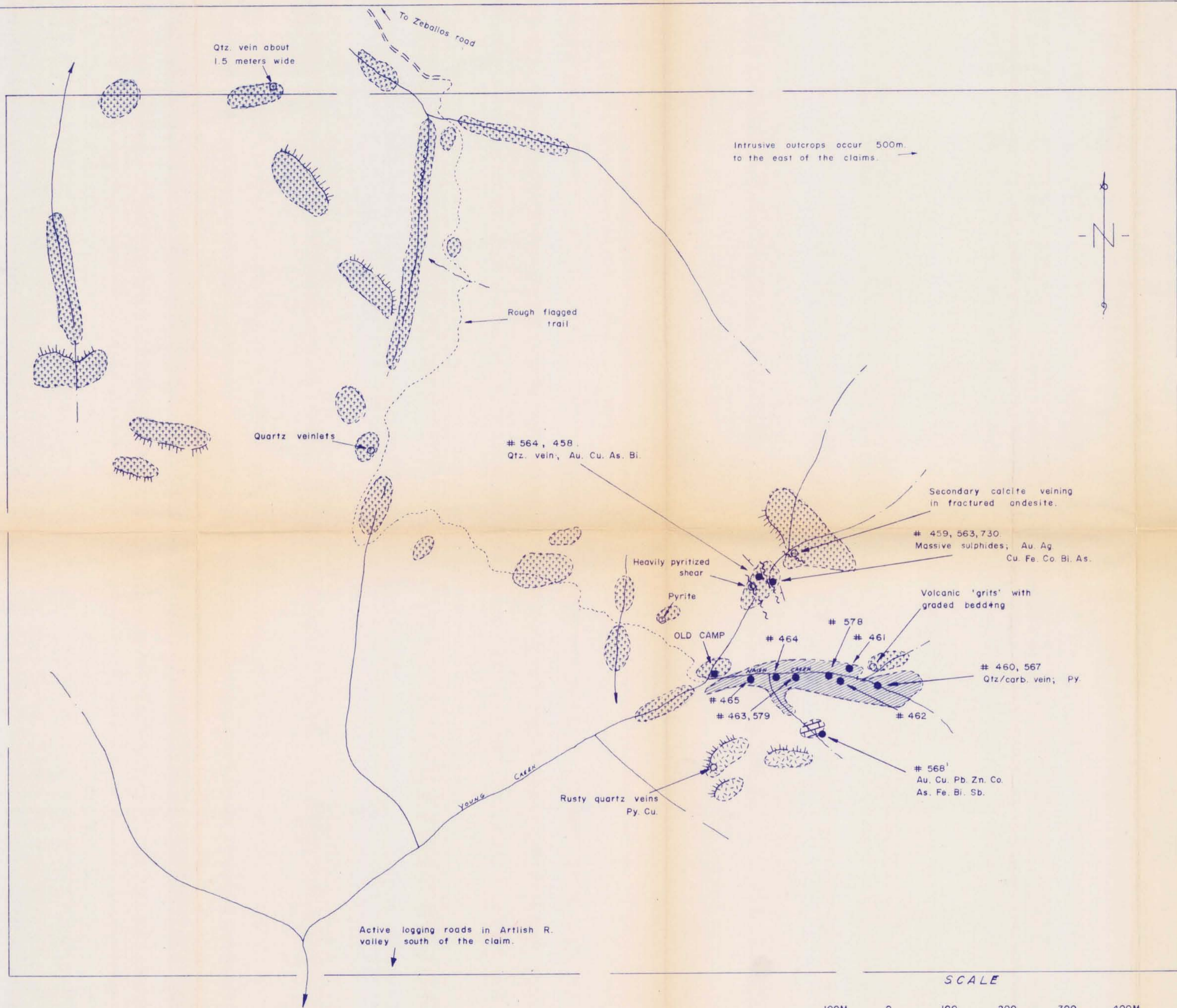
I have worked in the mining exploration business for a period **of** 20 years. During this time I have been employed by numerous companies on both salary and contract basis. My duties have included prospecting, trenching, trench mapping, cobra drilling and blasting, claim staking, line-cutting, geochemical surveys, geophysical surveys, diamond drilling and drill supervision.

I have written an exam **to** qualify for the Prospectors Assistance Grants. This took place at the Department of Mines & Petroleum Resources office at Nanaimo in 1975 and was supervised by W. C. Robinson, P. Eng.





Signed Ronald J. Bilquist

dated at Gabriola, B.C. this
16th day of December, 1989.



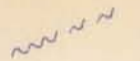

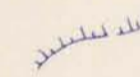






GEOLOGY

-  INTRUSIVE; GRANODIORITE (ISLAND INTRUSIONS)
-  VOLCANICS; DARK GREEN TUFFS & ANDESITE (BONANZA SUBGROUP)
-  ALTERED VOLCANICS; RHYOLITE BRECCIA, PYRITIZATION
-  LIMESTONE

LEGEND

-  OUTCROP
-  # 465 SAMPLE LOCATION and NUMBER
-  FAULT/SHEAR; KNOWN, ASSUMED
-  NOTATION SITE
-  LOGGING ROAD
-  CLIFFS
-  ADIT
-  CLAIM BOUNDARY WITH POST

GEOLOGICAL BRANCH ASSESSMENT REPORT

19,821

LONE TRAIL PROSPECTING LTD.

PROSPECTORS MAP
SCRUTOR GOLD

Drawn by: R. BILQUIST Date: DEC. 1990

