

85-1208-14618

MineQuest Report #113
Ref. No. RM2301

SCRUTOR GOLD CLAIMS

Port Alberni Mining Division

N.T.S. 92 L 3E

Latitude 50°05'N
Longitude 127°01W

by

R.V. Longe, P.Eng.

of

MineQuest Exploration Associates Ltd.

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,618

March, 1986

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1.0

INTRODUCTION

The SCRUTOR GOLD claims cover a gold showing first worked in the 1940's and rediscovered by Messrs. R. Bilquist and L. Allen in 1984.

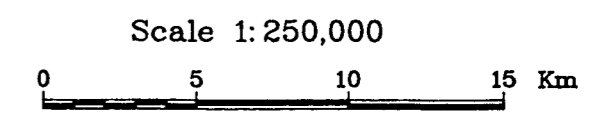
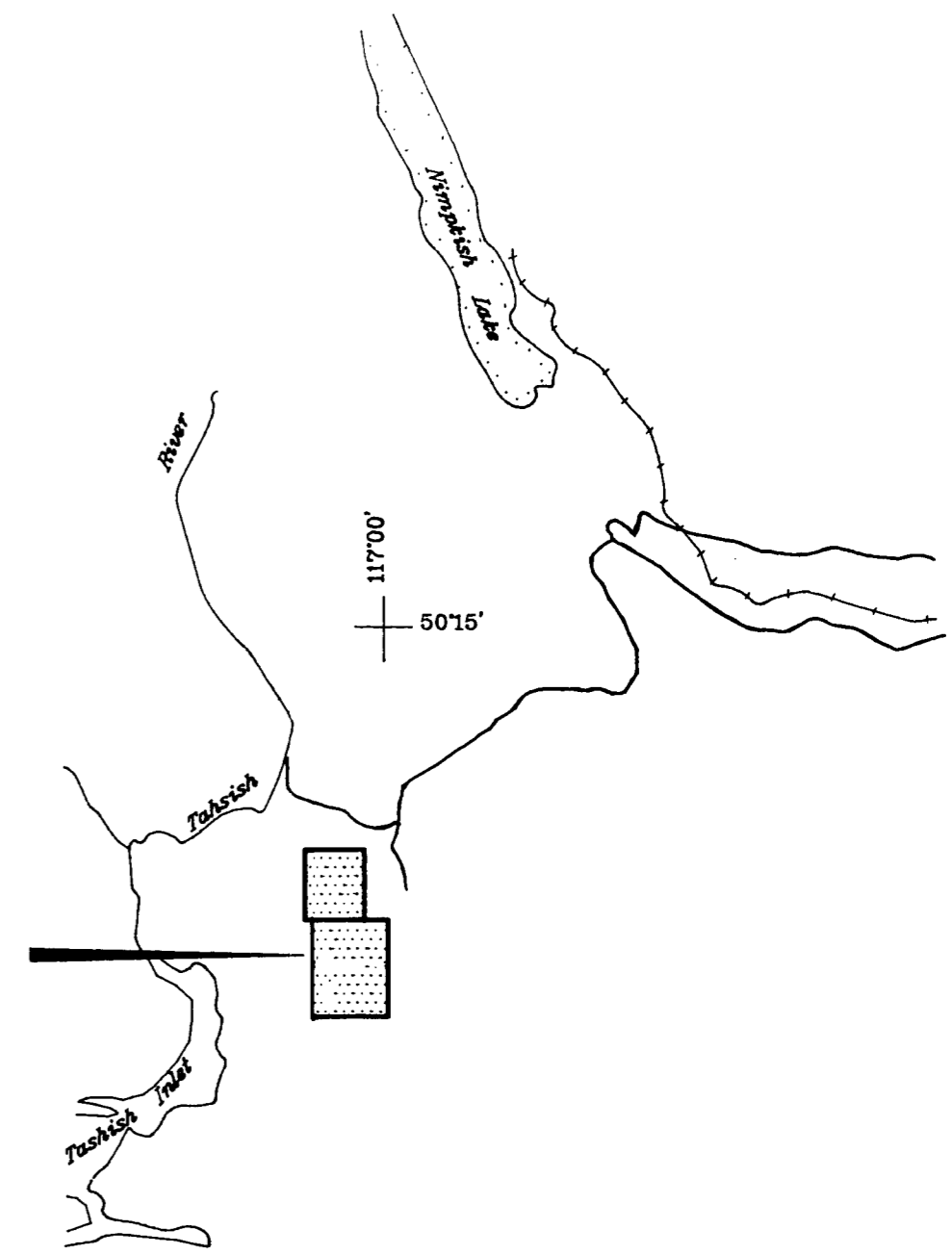
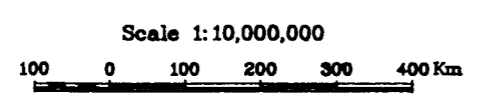
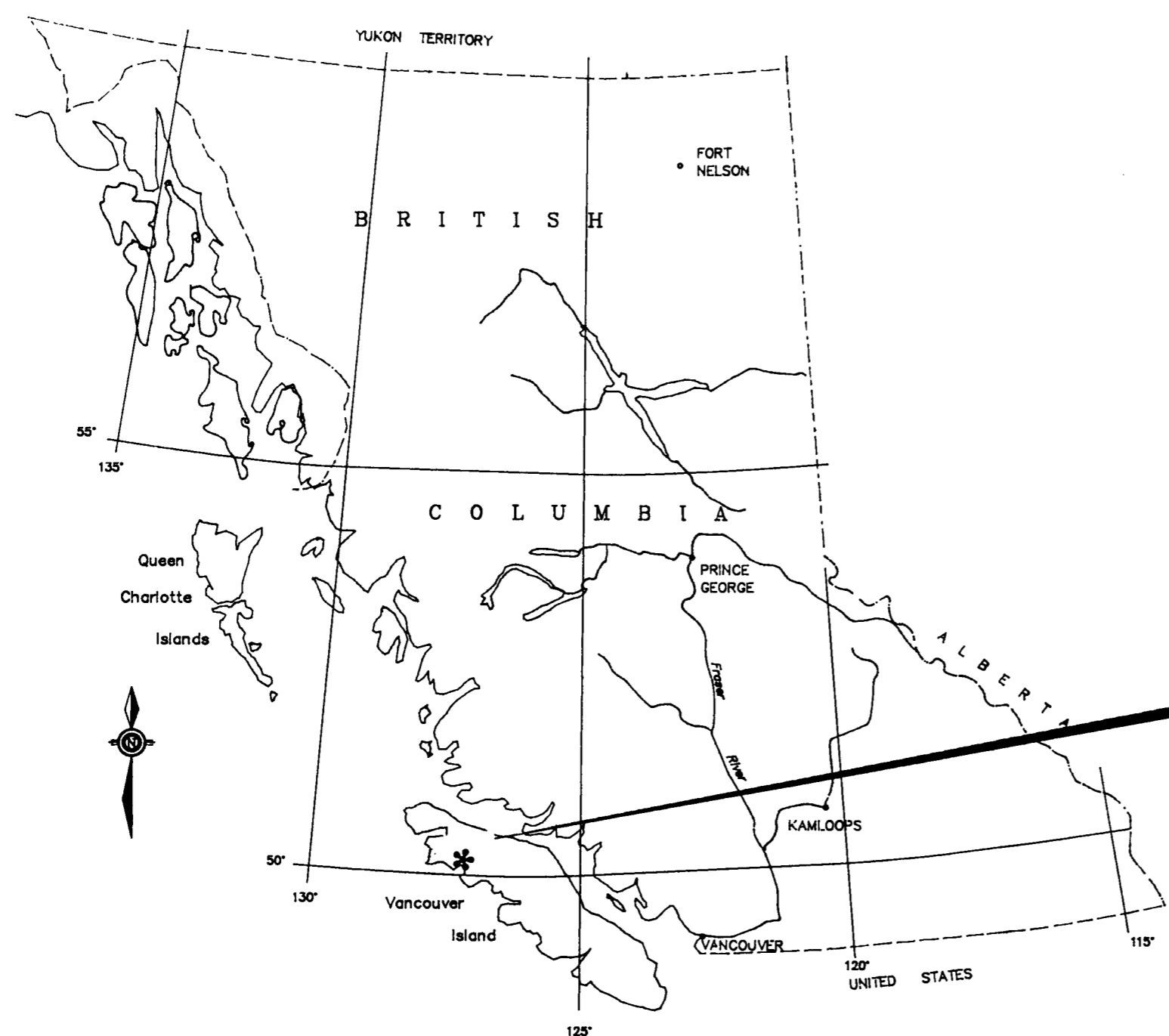
The property, which is prospective for both gold and base metals, is at an early stage of exploration. This report covers initial prospecting and sampling in 1985.

2.0

LOCATION, TOPOGRAPHY AND ACCESS

The claims lie in northern Vancouver Island, five kilometres east of the north end of Tahsish Inlet. Access is by logging road which leaves the Island Highway south of Nimpkish Lake. While logging roads traverse the northern claims (Scrutor Gold #3), access to the main showing requires an hour's walk from the end of the logging road.

In the event of a mining operation, access could be either from the north via the existing logging roads or by roads which have yet to be developed along the Artlish River.



SCRUTOR GOLD CLAIMS			
LOCATION MAP			
PLAN No.	DRAWN BY: GEO-COMP	DATE Apr. '86	FIGURE 1
Originator: RL		N.T.S. 92L 3	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

3.0

OWNERSHIP AND CLAIM STATUS

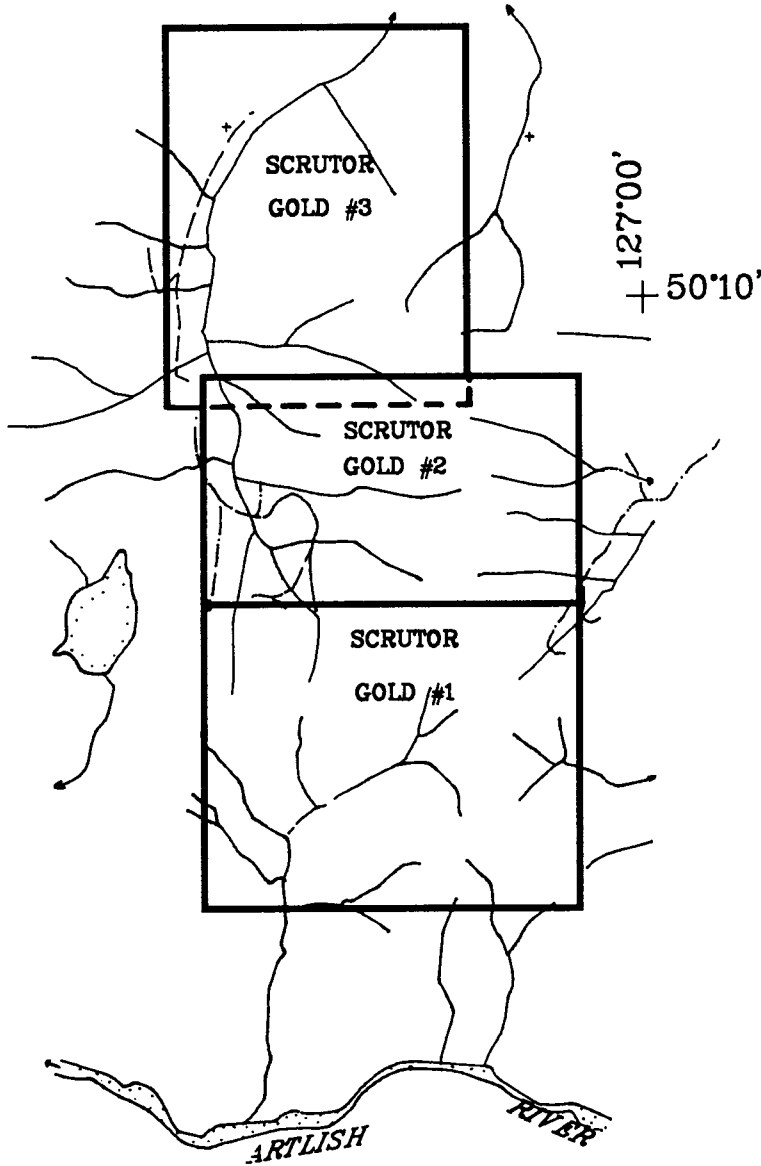
The property (Figure 2) consists of the three claims listed below:

<u>Claim Name</u>	<u>Record Number</u>	<u>Units</u>	<u>Recording Date</u>	<u>Year of Expiry</u>	<u>Registered Owner</u>
Scrutor Gold #1	2456	20	14 Dec 84	1987	R. Bilquist
Scrutor Gold #2	2457	15	14 Dec 84	1986	R. Bilquist
Scrutor Gold #3	2685	20	4 Sep 85	1987	R. Bilquist

4.0

HISTORY AND PREVIOUS WORK

The mineral showing, now covered by Scrutor #1 mineral claim, is referred to in the MINFILE as No. 92L100 as the "Scrutor Gold". Only one period of work is mentioned - 1946. This information is compatible with observations in 1985 tunnelling on some sulphide veins and signs of a camp which did not appear to have been disturbed for several decades.



Scale 1:50,000



SCRUTOR GOLD CLAIMS

CLAIM LOCATIONS

DATE: Aug.'85 N.T.S.: 92L 3 FIGURE: 2

MINEQUEST EXPLORATION ASSOCIATES LTD.

5.0

REGIONAL GEOLOGY

Muller (1977) shows an area northeast of Tashish Inlet to be underlain by rocks of the Lower Jurassic Bonanza Group which typically consists of volcanic rocks of basaltic to rhyolitic composition with related sediments.

A Jurassic intrusive is shown to the southeast of the claims.

No trends within the Bonanza Group are evident from Muller's map although underlying sediments of the Quatzino-Parson Bay Formation trend northwest-southeast. The Bonanza rocks in the vicinity of the claims form a partially fault-bounded panel (like much of Vancouver Island). No regional linear features are shown coming close to the claims.

6.0

1985 EXPLORATION PROGRAM

Work was carried out in two stages. In July, 1985 R.J. Bilquist and L.O. Allen, assisted by K.A. Bilquist and C.J. Allen, spent seven days prospecting and sampling. During this time the writer spent one day on the claims making a geological examination and collecting samples. In August, 1985 Messrs. Allen and Bilquist spent five days on further prospecting and sampling accompanied for one day by K.V. Campbell.

A total of 46 rock samples and 14 silt samples were collected. ICP multi-element analyses were performed on 58 samples.

7.0

RESULTS OF 1985 PROGRAM

Except to observe that the property is underlain by volcanic rocks among which rhyolite is prominent, no overall understanding of the property geology emerged from the 1985 program. Work in 1985 was focussed on three areas, the "Discovery", "Camp", and "Cadmium" zones shown in Figure 6. Intensity of work was insufficient to relate the three areas of focus to each other. Each is therefore described separately below.

7.1


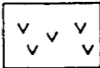
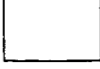
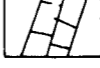
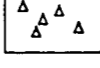





Discovery Zone

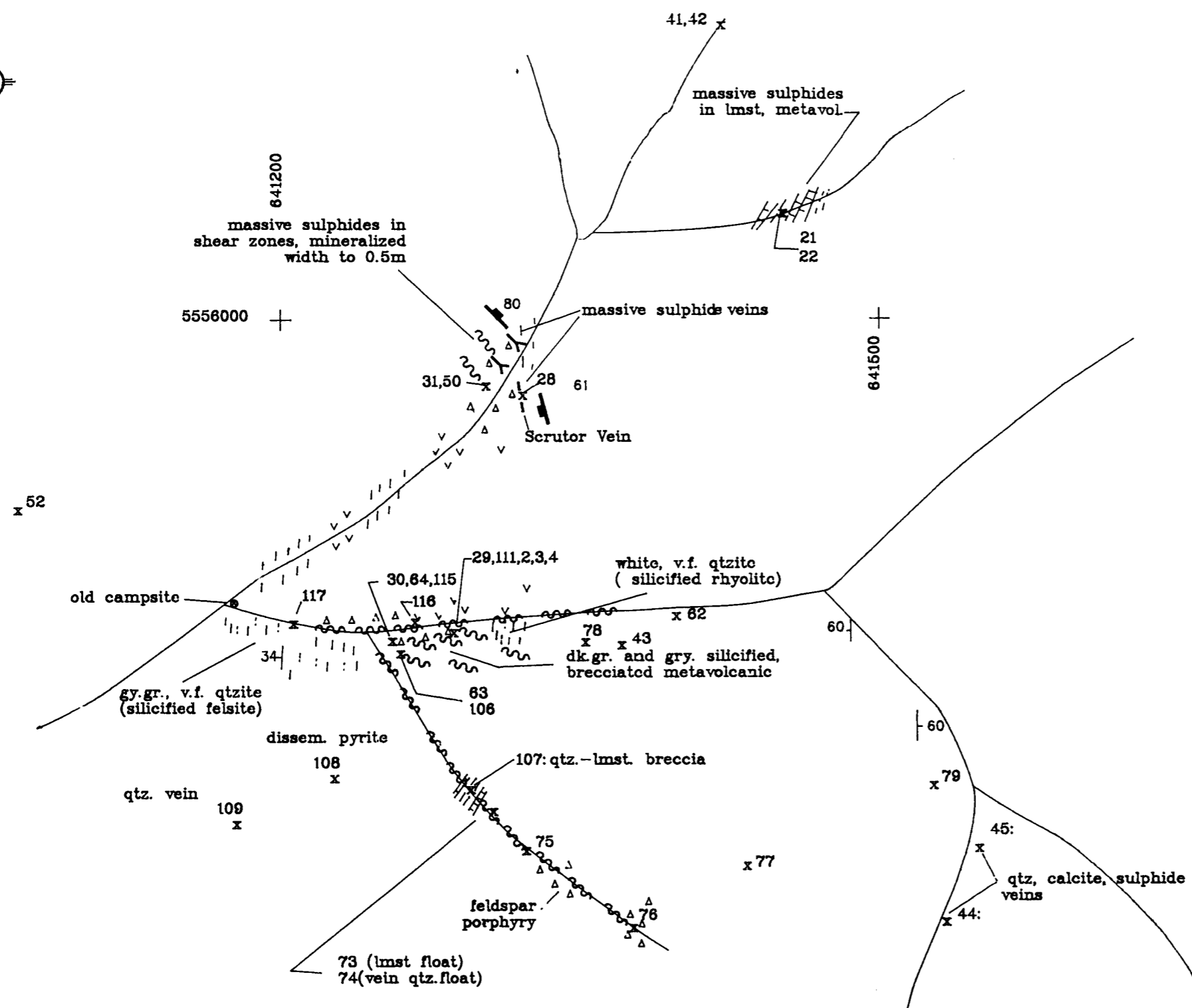
Volcanics in the Discovery Zone strike approximately north-south and consist of steeply-dipping, tightly-folded andesites, rhyolites and a thin bedded siliceous unit. A rhyolite breccia, a feldspar porphyry and limestone are also recognized. Promising gold values are found in the rhyolite breccia which may be either a clastic rhyolite or a rock which has been brecciated and then silicified. This rock contains pyrite disseminated in the interstices between the clasts. Grades range up to 8.7 grams of gold over a one metre length.

A series of massive sulphide veins trending approximately 140 degrees and dipping steeply were explored in the 1940's. Samples from these sulphides contain one or two percent of copper and up to 4-1/2 grams of gold.



LEGEND

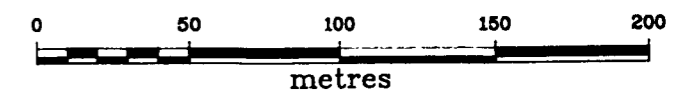
-  Rhyolite or felsite, thin bedded, light coloured, ?silicified
-  Andesite, purple, green, v.fine grained, some rhyolite
-  Feldspar porphyry andesite
-  Limestone
-  Metavolcanics, dark green, fine grained, brecciated, ?silicified
-  Adit
-  Fracture zone
-  Vein, strike, dip
-  Bedding, strike, dip
-  Sample location, (all numbers prefixed by "ART")



Significant Geochemical Values from Rock Samples

Sample No.	Cu%	Pb%	Zn%	As%	Ag ppm	Au ppm
(ART) 21					4.8	630
22	1.43				31.1	730
28	1.07				16.7	4450
30					0.6	95
44	0.84				13.2	8
45	0.38				8.3	50
50	2.46				46.2	300
63					3.5	8750
73	0.12	0.16	0.45	1.29	6.2	130
74	0.18		0.29	1.08	2.1	110
75	0.25	0.71	0.92	9.64	17.0	1040
76					1.8	320
107					0.7	105
108	0.34		0.4		5.0	730
109	0.5				2.2	185

Scale 1:2500



Notes: -Topographic control by air photo enlargement
 -Sampling by L. Allen & R. Bilquist
 -Geological observations by K.V. Campbell & R.V. Longe

SCRUTOR GOLD CLAIMS			
DISCOVERY ZONE			
GEOLOGY & SAMPLE RESULTS			
PLAN No.	DRAWN BY: GEO-COMP	DATE Aug '85	FIGURE 3
Originator: KC/RL		N.T.S. 92L 3	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

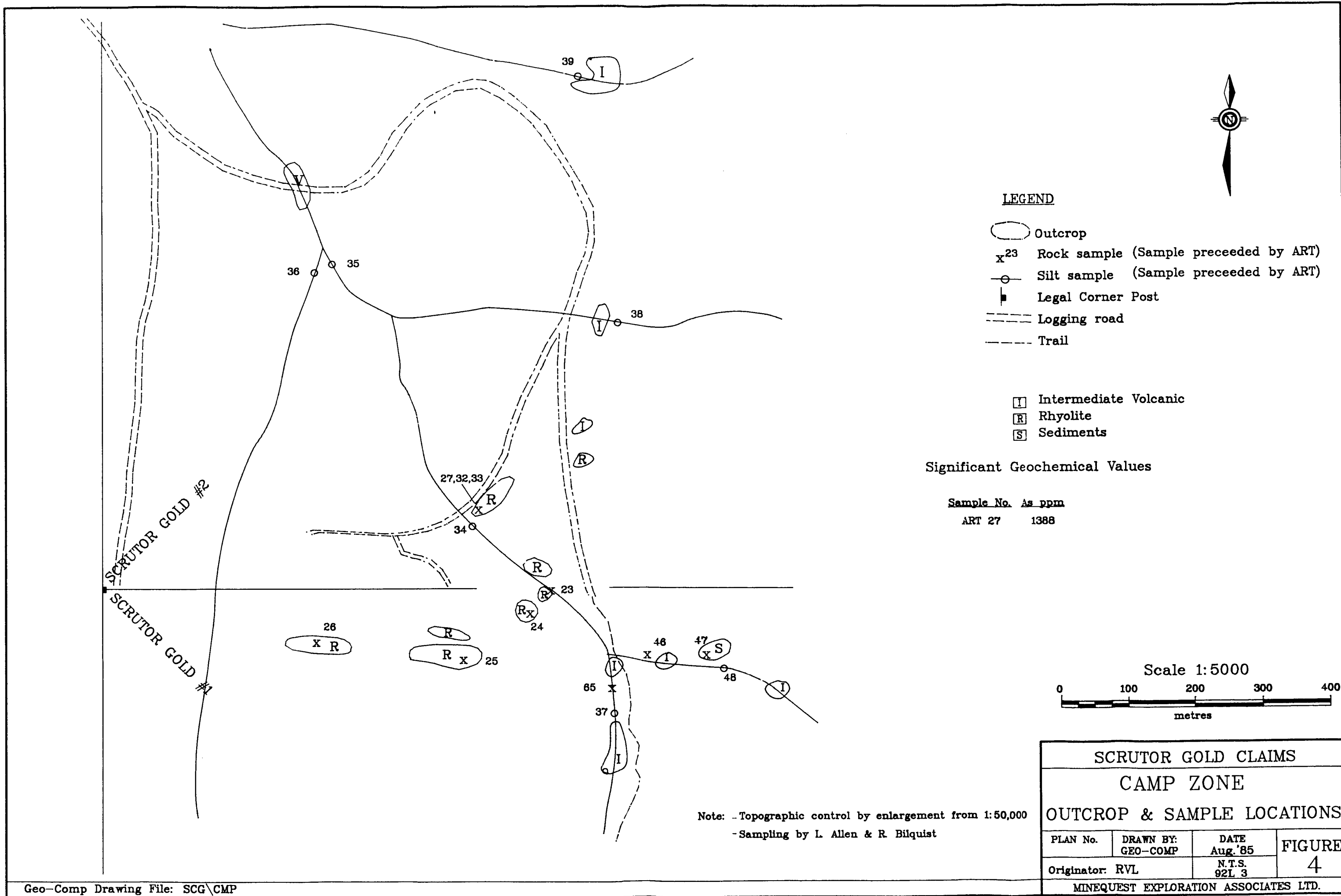
7.2 Camp Zone

Access to the Camp zone which was recently logged is good. Abundant outcrop reveals the area to be underlain by a rhyolite and by volcanics of basic or intermediate composition in approximately equal proportions. The rhyolite is a massive, white-weathering, grey rock with little texture. The intermediate volcanics, probably andesite, are grey-weathering rocks which appear to be flows and tuffs.

Rock and silt samples in this area failed to return geochemically significant values in base or precious metals with the exception of one sample (ART27) which contained anomalous arsenic.

7.3 Cadmium Zone

Interest in the Cadmium Zone arises from samples of rhyolite float, several of which exhibit a yellow bloom of greenockite (CdS), a weathering product of cadmium-rich sphalerite. One sample (ART105) contained 13% Zn. This float has not been traced to source but is thought likely to be derived from an area on the west bank of Hellen Creek where numerous outcrops of rhyolite similar in appearance to the cadmium bearing float were observed.



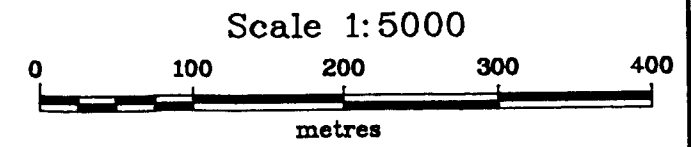
LEGEND

- Outcrop
- Rock sample (Sample preceded by ART)
- Silt sample (Sample preceded by ART)
- Legal Corner Post
- Logging road
- Trail

- Intermediate Volcanic
- Rhyolite
- Sediments

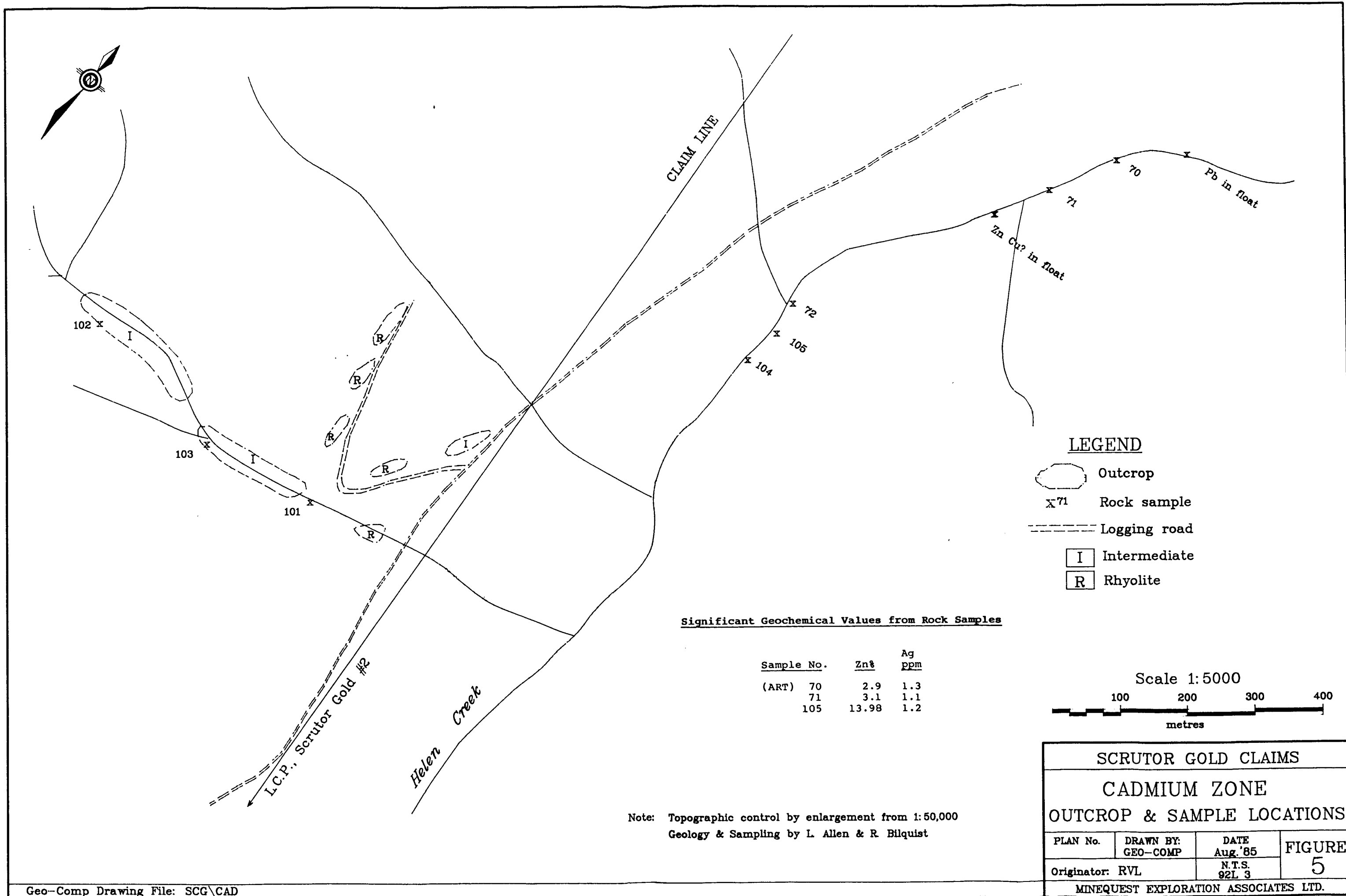
Significant Geochemical Values

Sample No.	As ppm
ART 27	1388



SCRUTOR GOLD CLAIMS			
CAMP ZONE			
OUTCROP & SAMPLE LOCATIONS			
PLAN No.	DRAWN BY: GEO-COMP	DATE Aug. '85	FIGURE 4
Originator: RVL		N.T.S. 92L 3	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

Note: -Topographic control by enlargement from 1:50,000
 -Sampling by L. Allen & R. Bilquist



8.0

DISCUSSION

The property contains two promising zones which in the present state of knowledge cannot be related to each other except to observe that both occur in the same package of rhyolite-rich volcanic rocks.

The first, and currently the most important, is the Discovery Zone where geochemically attractive gold values are found in a variety of rock types including massive sulphide veins, rhyolite breccia and andesite. Many questions remain to be resolved by further prospecting and geological mapping.

The second important area is the Cadmiun Zone where the presence of sphalerite veins in rhyolite bodes well for the chances of massive sulphides. This zone requires both intensive prospecting to find the source of the sphalerite, and geological mapping to determine volcanics stratigraphy.

9.0 RECOMMENDATIONS

9.1 Whole Property

Geological mapping (supported by photo interpretation) at 1:10,000 scale using enlarged air photographs for topographic control, is required over the entire property.

The purpose of this mapping will be to provide an overall stratigraphic and structural framework as an aid to understanding the mineral controls to mineralization in both the Discovery and the Cadmium Zones.

9.2 Discovery Zone

Intensive prospecting, hand trenching and sampling is required, especially in the vicinity of samples 30, 63, 106, 75 and 108 where the majority of samples collected to date have returned promising gold values.

The Discovery Zone should be mapped at 1:1,000 scale to determining the controls to mineralization.

9.3 Cadmium Zone

Work on the Cadmium Zone should consist of prospecting, rock sampling, detailed silt sampling and reconnaissance soil sampling. For the immediate next stage the property scale geological mapping at 1:10,000 scale will be sufficient.

10.0

BIBLIOGRAPHY

Anon., 1947
B.C. Minister of Mines Annual Report, p178

Minfile, 1985
92L100

Muller, J.E., 1977
Geology of Vancouver Island
G.S.C. Open File 463

APPENDIX I

Statement of Exploration and Development

315



MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

I, <u>R.V. Longe</u> <small>(Name)</small>	Agent for <u>R. Bilquist</u> <small>Name</small>
<u>201-311 Water Street</u> <small>(Address)</small>	<u>P.O. Box 81</u> <small>(Address)</small>
<u>Vancouver, B.C.</u>	<u>Gabriola Island, B.C.</u>
<u>V6B 1B8</u> <u>(604) 669-2251</u> <small>(Postal Code)</small> <small>(Telephone Number)</small>	<u>VOR 1X0</u> <u>(604) 247-8363</u> <small>(Postal Code)</small> <small>(Telephone Number)</small>
Valid subsisting F.M.C. No. <u>274214</u> MINEKA	Valid subsisting F.M.C. No. <u>261535</u> <u>BILQRJ</u>

STATE THAT

1. I have done, or caused to be done, work on the Scrutor Gold #1, #2, and #3 Claim(s)
 Record No(s) 2456, 2457 and 2685
 Situate at in the Alberni Mining Division,
 to the value of at least dollars. Work was done from the 1st day
 of June 19 85, to the 31st day of October 19 85

2. The following work was done in the 12 months in which such work is required to be done:

[COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING]

A. PHYSICAL <small>(Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails.)</small>	COST
<small>(Give details as required by section 13 of regulations.)</small>	
TOTAL PHYSICAL	

I wish to apply \$ of physical work to the claims listed below.
(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

.....

.....

.....

B. PROSPECTING <small>(Details in report submitted as per section 9 of regulations.) (The itemized cost statement must be part of the report.)</small>	COST

I wish to apply \$ of this prospecting work to the claims listed below.
(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

.....

.....

.....

C. DRILLING (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)	COST
D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
Prospecting, rock sampling, soil and silt sampling and Geological mapping	\$ 12,613
TOTAL OF C AND D	\$ 12,613

Where the above statement requires a technical report as per section C of the Mineral Act Regulations, the author of the report shall complete both copies of the ASSESSMENT REPORT TITLE PAGE AND SUMMARY form and include the completed forms in the assessment reports.

Who was the operator (provided the financing)? Name MineQuest Exploration Associates Ltd.
Address 201-311 Water Street
Vancouver, B.C., V6B 1B8

Portable Assessment Credits (PAC) Withdrawal Request		AMOUNT
Amount to be withdrawn from owner(s) or operator(s) account(s):		
Name of Owner/Operator		
[May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.]	1.	
	2.	
	3.	
TOTAL WITHDRAWAL		
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL		

I wish to apply \$ 7,500 of this work to the claims listed below.

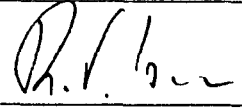
(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

Claim	Record No.	Units	Month Due	To Apply	Years Earned
Scrutor #1	2456	20	December	4,000	2 /
Scrutor #2	2457	15	December	1,500	1 /
Scrutor #3	2685	20	September	2,000	1

Value of work to be credited to portable assessment credit (PAC) account(s).
[May only be credited from the approved value of C and (or) D not applied to claims.]

Name of owner/operator	Name	AMOUNT
1.	Ron Bilquist	\$ 2,556.62
2.	MineQuest Exploration Associates Ltd.	2,556.62
3.	TOTAL	\$ 5,113.24

I, the undersigned Free Miner, hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the *Mineral Act*. I further acknowledge and understand that if the statements made, or information given, in this Statement of Exploration and Development are found to be false and the exploration and development has not been performed, as alleged in this Statement of Exploration and Development, then the work reported on this statement will be cancelled and the subject mineral claim(s) may, as a result, forfeit to and vest back to the Province.


Signature of Applicant

APPENDIX II

Laboratory Reports

Copy 2.

AUG 19 1985

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: ROCK CHIPS AU++ ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 19 1985 DATE REPORT MAILED: Aug 24/85 ASSAYER: T. Saundry DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT (SCG) FILE # 85-1926 PAGE 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au++
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
ART-072	1	11	2	35	.1	9	5	467	2.51	2	5	ND	3	18	1	2	3	125	4.42	.13	6	19	1.01	2	.24	6	3.21	.05	.01	1	2
ART-073	6	1207	1670	4577	6.2	33	191	416	2.86	12983	5	ND	5	46	21	7	29	39	17.35	.04	4	7	.48	1	.04	2	.56	.02	.01	1	130
ART-074	8	1820	124	2985	2.1	38	127	300	2.57	10892	5	ND	1	10	13	5	12	79	2.01	.09	4	6	.57	1	.03	4	.59	.02	.01	1	110
ART-075	9	2572	7198	9289	17.0	57	1376	177	11.40	96455*	5	ND	1	12	33	78	107	170	3.77	.05	17	4	.11	1	.01	4	.14	.01	.01	1	1040
ART-076	2	94	80	106	1.8	2	31	64	3.54	2286	5	ND	1	3	1	8	15	26	.34	.02	3	4	.07	1	.13	2	.16	.06	.01	1	320
ART-077	9	124	15	37	.5	4	14	202	5.19	226	5	ND	1	11	1	2	2	71	.42	.14	10	7	.51	8	.27	9	.89	.11	.02	1	4
ART-078	2	84	7	24	.1	4	12	223	4.77	54	5	ND	1	6	1	2	3	48	.50	.08	8	6	.65	6	.27	3	.74	.08	.03	1	5
ART-079	14	157	15	29	.8	9	28	532	9.43	34	5	ND	1	4	1	2	2	56	.56	.22	22	3	.75	4	.13	4	.86	.04	.01	1	2
ART-101	1	3	2	1	.1	3	8	54	.58	11	5	ND	2	9	1	2	2	6	1.17	.07	2	2	.08	1	.05	2	.17	.08	.01	1	1
ART-102	2	2	3	1	.1	1	5	90	.58	11	5	ND	1	3	1	2	2	2	.43	.01	2	3	.01	1	.03	2	.11	.11	.01	1	2
ART-103	3	63	4	65	.1	3	11	520	3.56	5	5	ND	3	8	1	2	2	37	1.89	.12	13	8	.83	9	.22	2	1.83	.06	.03	1	1
ART-104	3	3	2	13	.2	3	8	537	2.85	6	5	ND	1	7	1	2	2	106	.25	.12	8	2	.61	4	.07	2	.93	.05	.02	1	1
ART-105	51	200	125	13987*	1.2	4	73	406	4.41	677	5	ND	2	12	885	2	30	144	2.70	.15	11	5	1.30	1	.22	2	1.28	.05	.01	1	6
ART-106	8	143	12	709	.6	3	20	267	7.68	2816	5	ND	1	5	4	2	25	136	.38	.20	12	9	1.08	4	.21	2	1.20	.08	.01	1	730
ART-107	3	321	47	90	.7	5	40	158	1.05	3744	5	ND	1	9	1	2	34	33	2.61	.02	3	6	.20	1	.04	2	.26	.06	.01	1	105
ART-108	3	3404	35	4088	5.0	10	135	167	25.91	233	5	ND	1	3	27	5	2	30	.19	.09	15	2	.26	2	.08	2	.57	.02	.01	1	730
ART-109	3	5035	6	39	2.2	4	52	103	3.03	1481	5	ND	1	3	1	2	4	16	.44	.07	3	5	.12	1	.06	2	.39	.02	.01	1	185
ART-110	22	35	11	24	.1	1	8	791	7.59	33	5	ND	1	4	1	2	2	34	.47	.26	14	3	1.20	6	.15	2	1.93	.06	.03	1	3
STD C/FA-AU	21	58	41	135	6.9	72	27	1209	3.95	38	18	8	38	55	16	15	21	61	.48	.15	41	60	.88	176	.08	40	1.72	.06	.11	12	50

* Assay required for correct result.

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE 253-3158

DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 18 1985 DATE REPORT MAILED: *July 22/85* ASSAYER: *J. Saundry* DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION PROJECT - ABB FILE # B5-1449

PAID

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	
ART-21	3	136	196	862	4.8	12	13	730	4.99	19	5	ND	3	43	3	2	38	101	18.97	.07	2	18	1.10	3	.10	4	1.64	.05	.01	1	630
ART-22	1	14376	1131	1072	31.1	48	229	210	26.69	1947	5	ND	7	4	4	3	39	16	1.16	.08	2	1	.20	1	.02	9	.46	.02	.01	1	730
ART-23	1	110	11	17	.1	2	2	124	.54	10	5	ND	2	1	1	2	2	2	.07	.01	7	1	.02	3	.01	2	.14	.11	.01	1	8
ART-24	1	10	3	6	.1	1	3	19	.22	3	5	ND	4	1	1	2	5	1	.09	.01	6	2	.01	1	.01	2	.11	.10	.01	1	3
ART-25	1	5	4	5	.1	2	1	64	.30	2	5	ND	4	1	1	2	2	1	.01	.01	3	1	.01	3	.01	2	.12	.10	.01	1	2
ART-26	1	4	2	2	.1	1	1	30	.16	2	5	ND	2	1	1	2	4	1	.01	.01	2	2	.01	3	.01	2	.11	.11	.01	1	2
ART-27	1	213	4	9	.1	3	68	247	1.77	1388	5	ND	4	2	1	2	4	9	.03	.01	15	4	.33	4	.01	2	.54	.08	.01	1	75
ART-28	2	10755	19	62	16.7	4	129	109	15.45	2046	5	3	6	2	1	2	74	22	.25	.18	2	1	.16	2	.12	3	.42	.04	.01	7	4450
ART-30	8	267	10	19	.6	7	19	291	6.15	80	5	ND	2	5	1	2	2	92	.31	.05	2	10	1.46	4	.17	4	1.30	.08	.01	1	95
ART-31	9	264	16	14	.1	2	26	404	6.25	35	5	ND	4	6	1	2	2	26	.48	.20	6	1	.73	5	.20	5	1.10	.09	.03	1	10
ART-32	1	6	2	1	.1	2	1	83	.36	2	5	ND	3	2	1	2	2	1	.30	.01	7	1	.02	2	.01	2	.12	.09	.01	1	2
ART-33	1	87	7	3	.1	2	11	111	.76	160	8	ND	5	1	1	2	2	4	.03	.01	8	2	.07	3	.01	2	.18	.09	.01	1	36
ART-41	4	17	16	34	.1	2	19	1215	12.07	11	6	ND	7	6	1	2	5	60	.97	.25	2	1	1.60	5	.16	4	3.16	.04	.01	1	5
ART-42	1	23	11	43	.3	15	21	1464	7.07	2	5	ND	3	68	1	2	2	149	3.41	.20	2	18	2.12	1	.31	4	2.63	.06	.01	1	2
ART-43	2	147	7	28	.1	8	22	206	4.47	59	5	ND	1	11	1	2	2	49	2.52	.13	2	5	.52	1	.20	4	.60	.09	.01	1	1
ART-44	2	8491	33	2426	13.2	7	95	132	15.63	22	5	ND	5	4	10	2	2	11	1.24	.05	2	1	.08	1	.01	9	.13	.01	.01	1	8
ART-45	3	3878	127	885	8.3	6	336	199	19.28	379	5	ND	7	7	4	8	2	35	2.07	.02	2	1	.34	2	.01	7	.39	.01	.01	1	50
ART-46	9	70	25	42	.6	2	31	686	9.77	37	5	ND	4	5	1	2	5	115	.73	.24	2	1	1.67	2	.20	3	2.75	.05	.01	1	9
ART-47	2	75	16	25	.1	1	14	784	9.69	24	6	ND	6	15	1	2	2	49	3.72	.23	3	1	1.07	10	.05	4	1.97	.03	.12	1	5
ART-50	2	24693	70	119	46.2	1	203	61	25.25	4756	5	ND	10	1	1	24	22	6	.03	.17	2	1	.09	2	.05	2	.18	.01	.01	-5	306
ART-62	4	642	9	52	1.2	10	20	287	5.83	124	5	ND	4	8	1	3	2	48	.48	.08	4	5	.88	4	.16	2	1.05	.11	.01	1	8
ART-63	7	281	19	16	3.5	4	61	192	5.90	6222	5	7	4	8	1	12	148	109	.26	.11	4	9	.83	6	.17	2	.94	.10	.01	1	8750
ART-64	25	249	22	61	1.0	5	10	188	5.07	42	7	ND	4	2	1	2	2	58	.40	.05	2	3	.62	1	.18	2	.85	.07	.01	1	17
STD C/AU 0.5	21	63	40	140	7.2	67	28	1185	3.96	40	15	6	40	48	18	15	20	59	.48	.16	38	62	.88	182	.67	41	1.72	.06	.11	12	485

Copy 2

AUG 1 1985

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER, B.C. V6A 1R6 PHONE 253-3158

DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR NM.FE.CA.P.CR.NG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SM.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SILTS -80 MESH AND ROCKS AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 25 1985 DATE REPORT MAILED: *July 31/85* ASSAYER: *V. Saundry* DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

MINEQUEST EXPLORATION FILE # 85-1572

PAGE 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	Au*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
ART-34	5	57	12	95	.5	9	23	1877	7.78	23	5	ND	1	36	1	2	4	131	1.12	.17	11	11	1.94	24	.29	2	3.10	.01	.04	1	4
ART-35	3	46	12	80	.4	11	18	1449	6.93	18	5	ND	1	24	1	2	2	120	.88	.17	5	20	1.82	22	.31	2	2.72	.03	.05	1	4
ART-36	2	55	13	69	.2	29	19	1481	5.95	13	5	ND	1	33	1	2	4	119	1.32	.12	5	37	1.56	55	.25	3	2.76	.03	.04	1	2
ART-37	2	68	13	65	.5	11	23	2435	7.06	23	5	ND	1	54	1	2	3	100	1.80	.16	4	13	1.48	35	.27	5	3.20	.01	.04	1	3
ART-38	2	23	10	94	.2	11	13	1499	4.54	10	5	ND	1	22	1	2	2	79	.68	.11	10	20	1.53	27	.25	3	2.11	.02	.06	1	3
ART-39	1	32	3	84	.3	24	16	1337	5.67	15	5	ND	1	28	1	2	2	109	.94	.12	6	40	1.98	18	.35	2	2.30	.05	.05	1	3
ART-48	4	41	13	97	.4	6	20	1834	6.96	21	5	ND	1	15	1	2	3	138	1.05	.16	10	14	1.96	27	.36	2	2.45	.02	.04	1	3
ART-53	2	19	9	124	.4	62	31	2779	5.14	6	5	ND	1	43	1	2	2	99	1.10	.09	2	84	2.33	25	.14	2	3.48	.02	.03	1	2
ART-54	2	6	3	22	.2	3	8	868	3.25	3	5	ND	1	12	1	2	2	50	.39	.12	11	3	.67	9	.12	3	1.13	.02	.01	1	2
ART-55	2	21	8	66	.1	20	16	1094	4.87	10	5	ND	1	24	1	2	2	101	.84	.14	6	36	1.78	14	.25	2	2.01	.02	.02	1	2
ART-66	2	27	18	109	.1	9	14	1813	3.83	3	5	ND	1	28	1	2	2	67	1.05	.15	12	19	1.21	24	.12	5	2.41	.02	.02	1	3
ART-67	2	14	3	53	.3	19	13	2117	4.08	8	5	ND	1	23	1	2	2	69	.85	.15	8	26	1.43	20	.14	6	2.01	.02	.03	1	1
ART-68	2	16	4	78	.3	24	14	1054	4.82	7	5	ND	1	24	1	2	3	92	.80	.12	7	33	1.68	13	.24	3	2.12	.03	.03	1	2
ART-69	1	18	2	81	.1	28	15	1083	5.17	7	5	ND	1	28	1	2	2	97	.90	.14	6	34	1.72	17	.29	3	2.30	.03	.03	1	2
ART-65 ROCK	15	175	16	29	.7	1	58	700	11.36	32	5	ND	1	4	1	2	5	85	.44	.21	5	1	1.26	4	.13	2	1.85	.03	.01	1	3
ART-70 ROCK	23	49	4	29148	1.3	5	27	133	1.31	8	5	ND	2	4	209	3	7	9	.48	.01	2	1	.18	1	.04	2	.39	.07	.01	1	2
ART-71 ROCK	25	44	2	31181	1.1	4	22	124	1.18	7	5	ND	2	5	224	4	4	8	.74	.01	2	1	.11	3	.03	5	.32	.07	.01	1	2
STD C/AU-0.5	22	57	40	132	7.2	71	28	1194	3.93	38	17	8	38	53	17	15	20	60	.48	.15	37	59	.88	176	.08	41	1.71	.06	.13	12	490

APPENDIX III

Statements of Qualifications

L.O. Allen
R.J. Bilquist
K.V. Campbell
R.V. Longe

STATEMENT OF QUALIFICATIONS

I have worked in the mining exploration business for a total of 12 years. During this period I have been employed by numerous companies on both salary and contract basis. My duties have included prospecting, trenching (cobra drilling and blasting), claim staking, linecutting, geochemical surveys, geophysical surveys, diamond drilling, drill supervision and placer project supervision.

I have completed the B.C. Dept. of Mines Prospecting class at Castlegar (Selkirk College) in 1978.

Signed Signature on file
at MineQuest Offices
Leslie O. Allen

dated at Vancouver, B.C.
this 1st day of March, 1986

STATEMENT OF QUALIFICATIONS

I have worked in the mining exploration business for a period of 16 years. During this period I have been employed by numerous companies on both salary and contract basis. My duties have included prospecting, trenching (cobra drilling and blasting), claim staking, linecutting, geochemical surveys, geophysical surveys, diamond drilling and diamond 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.

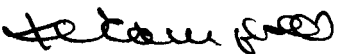
Signed Signature on file
at MineQuest offices
Ronald J. Bilquist

dated at Vancouver, B.C.
this 1st day of March, 1986

STATEMENT OF QUALIFICATIONS

I, KENNETH VINCENT CAMPBELL, resident of Vancouver, Province of British Columbia, hereby certify as follows:

- 1) I am a Consulting Geologist with MineQuest Exploration Associates Ltd. at 201-311 Water Street, Vancouver, British Columbia, V6B 1B8.
- 2) I graduated with a degree of Bachelor of Science, Honours Geology, from the University of British Columbia in 1966, a degree of Master of Science, Geology, from the University of Washington in 1969, and a degree of Doctor of Philosophy, Geology, from the University of Washington in 1971.
- 3) I have practiced my profession for 19 years. I am a Fellow of the Geological Association of Canada (F0078).
- 4) I am a member of good standing with the following professional societies; The American Society of Photogrammetry and Remote Sensing and the International Association of Engineering Geologists.
- 5) I made a site visit to the Scrutor Gold property in August, 1985.


K.V. Campbell, Ph.D.
Geologist

Dated at Vancouver, B.C.,
this 1st day of March, 1986

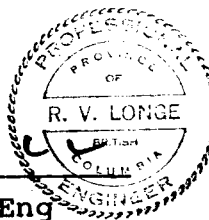
STATEMENT OF QUALIFICATIONS

I, R.V. Longe, hereby certify that:

1. I am a consulting geologist with a business office at 311 Water Street, Vancouver, B.C., V6B 1B8
2. I am President of MineQuest Exploration Associates Ltd., a company performing geological consulting and contract exploration services for the mineral exploration industry.
3. I am a graduate of Cambridge University, (B.A. Hons., 1961 Natural Sciences Tripos, Parts 1 & 2, Geology) and of McGill University (M.Sc., 1965).
4. I am a Fellow of the Geological Association of Canada, a member of the Canadian Institute of Mining and Metallurgy, and of the Association of Professional Engineers of British Columbia.
5. I have practised my profession as geologist for 18 years.
6. The information used in this report is based on information in the public record, examination and sampling of the SCRUTOR GOLD property in July, 1985, and on data collected and observations made by Messrs. Bilquist and Allen and by my colleague Dr. K.V. Campbel.

Signed _____

R.V. Longe, P.Eng



Dated at Vancouver, B.C. this
1st day of March, 1986

APPENDIX IV

Cost Statement

COST STATEMENT

SCRUTOR GOLD

JULY 1 TO OCTOBER 31, 1985

FEES AND WAGES

R.V. Longe		
3 days at \$485.00	\$ 1,455.00	
K.V. Campbell		
2.5 days at \$485.00	1,212.50	
K.V. Campbell		
25.25 hrs. at \$80.00	2,020.00	
L.O. Allen		
11 days at \$185.00	2,035.00	
R.J. Bilquist		
10.5 days at \$185.00	1,942.50	
C.J. Allen		
7 days at \$120.00	840.00	
K.A. Bilquist		
7 days at \$120.00	<u>840.00</u>	\$10,345.00

DISBURSEMENTS

Vehicle Rental	616.00	
Fuels & Lubricants	244.34	
Taxis, Parking, Fares	60.05	
Meals, Accommodation	79.81	
Groceries	322.94	
Equipment Rental	150.00	
Analyses	736.40	
Telephone	19.60	
Courier	4.00	
Photocopies	<u>35.10</u>	2,268.24
		<u>\$12,613.24</u>

APPENDIX V

Composite List of Samples Collected

C O N S E C U T I V E L I S T I N G O F S A M P L E S

<u>Sample Number</u>	<u>Date</u>	<u>Sampler</u>	<u>Type</u>	<u>Claim Block</u>	<u>Claim Name</u>	<u>Comments</u>
ART21	850713	LOA	RKGRAB	SCG	Scrutor Gold #1	Qtz. vein limestone Young Ck.
22	850713	LOA	"	"	"	Sulphide vein Upper Young Ck.
23	850713	LOA	RKGRAB	"	Scrutor Gold #2	Rhyolite dyke
24	850714	LOA	"	"	"	Rhyolite dyke
25	850714	LOA	"	"	"	Rhyolite dyke
26	850714	LOA	"	"	"	Rhyolite dyke
27	850716	LOA	RKCHIP	"	"	40cm. chip, rhyolite, Tr. Cu, tr. arseno.
28	850715	LOA	"	"	Scrutor Gold #1	Sulphide qtz. vein Scrutor Adit
29	850715	LOA	RKGRAB	"	"	Fract. rhyolite-Naish Creek witness
30	850715	LOA	"	"	"	
31	850715	LOA	"	"	"	Fract. rhyolite Young Creek
32	850716	LOA	RKCHIP	"	Scrutor Gold #2	2m repeat sample ART-06
33	850716	LOA	"	"	"	2m repeat sample ART-06
34	850716	LOA	SILT	"	"	Upper left fork Hellen Creek
35	850716	LOA	"	"	"	Upper left fork Hellen Creek
36	850716	LOA	"	"	"	Upper right fork Hellen Creek
37	850716	RJB	"	"	Scrutor Gold #1	Scrutor Pass Creek
38	850716	RJB	"	"	Scrutor Gold #2	East side drain Hellen
39	850716	RJB	"	"	"	East side drain Hellen
41	850713	RJB	FLOAT	"	Scrutor Gold #1	Breccia sed., py.
42	850713	RJB	RKGRAB	"	"	Volc. calcite stringers
43	850713	RJB	RKCHIP	"	"	Rusty meta. sed., py., pyrrh., 20cm.
44	850713	RJB	"	"	"	15cm. pyrrh., chalco., qtz., calcite
45	850713	RJB	"	"	"	10cm. chalco., pyrrh., py., qtz., calcite
46	850714	RJB	FLOAT	"	"	Rusty float, metased., breccia py.
47	850714	RJB	RKGRAB	"	"	o/c N. side Ck. rusty calc., breccia
48	850714	RJB	SILT	"	"	Left fork upper Hellen Creek
49	850715	RJB	RKGRAB	"	"	Sed. type rock
50	850715	RJB	RKCHIP	"	"	Les showing, pyrite, tr. Cu, tr. pb.
52	850715	RVL	"	"	"	Frag. qtz. clasts (for T.S.)
53	850717	LOA	SILT	"	"	Southeast side drain to Sally Creek
54	850717	LOA	"	"	Scrutor Gold #2	Southeast side drain to Sally Creek
55	850717	LOA	"	"	"	Northwest side drain to Sally Creek

C O N S E C U T I V E L I S T I N G O F S A M P L E S

<u>Sample Number</u>	<u>Date</u>	<u>Sampler</u>	<u>Type</u>	<u>Claim Block</u>	<u>Claim Name</u>	<u>Comments</u>
ART 61	850715	RJB	RKGRAB	SCG	Scrutor Gold #1	H.G. pyrrhotite at Scrutor showing
62	850715	RJB	RKCHIP	"	"	Pyritic cherty seds., Naish Creek
63	850715	RJB	"	"	"	Pyritic, rusty metasediment
64	850715	RJB	FLOAT	"	"	Pyritic grit in metased.?
65	850716	RJB	"	"	"	Volc. breccia, rusty, py.
66	850717	RJB	SILT	"	"	Dry, gravely, intrus. o/c
67	850717	RJB	"	"	Scrutor Gold #2	Dry, gravely, intrus. o/c
68	850717	RJB	"	"	"	Sally Creek
69	850717	RJB	"	"	"	Sally Creek
70	850717	RJB	FLOAT	"	Scrutor Gold #3	Rhyolite?, orpiment, sphalerite?
71	850717	RJB	"	"	"	Rhyolite? float, orpiment
72	850814	LOA	RKGRAB	"	"	Volc. breccia Hellen Creek
73	850816	LOA	FLOAT	"	Scrutor Gold #1	Lst. float calco. galena
74	850816	LOA	"	"	"	Qtz., float calco. galena
75	850816	LOA	RKGRAB	"	"	Qtz. vein galena calco., 8 inches wide
76	850816	LOA	FLOAT	"	"	Silica welded breccia float
77	850816	LOA	RKGRAB	"	"	Fract. meda sed. top right Naish Creek
78	850816	LOA	"	"	"	Fract. meda. sed. rusty bed Naish Creek
79	850816	LOA	"	"	"	Fract. meda. sed. rusty bed Naish Creek
101	850815	RJB	RKCHIP	"	Scrutor Gold #3	Meta. limestone; pyrite
102	850815	RJB	"	"	"	Acid volc. flow; pyrite
103	850815	RJB	FLOAT	"	"	Rusty pyritic float
104	850815	RJB	"	"	"	Breccia; sediment clasts
105	850815	RJB	"	"	"	Zn/Cd and float
106	850816	RJB	RKCHIP	"	Scrutor Gold #1	Resample ART-63 (1.2m)
107	850816	RJB	RKGRAB	"	"	Chalco./py. in Lst./qtz. breccia
108	850816	RJB	RKGRAB	"	"	Massive pyrrh./pyrite/chalco. (10cm.)
109	850816	RJB	"	"	"	Qtz. vein/chalco.
111	850816	KVC	RKGRAB	"	"	Silic. - siltite
112	850816	KVC	"	"	"	Silic. bx. w. po., py.
113	850816	KVC	"	"	"	V. fg. qtzite.
114	850816	KVC	"	"	"	V. fg. qtzite.
115	850816	KVC	"	"	"	Gossan-coated bx.
116	850816	KVC	"	"	"	Metavolc./intrusive
117	850816	KVC	"	"	"	Gossan



556000m.N.

640000m.E.

642000m.E.

LEGEND

- Claim boundary
- Legal Corner Post
- Logging road
- Trail
- Silt sample
- Rock sample

Cadmium Zone, See Figure 5

Helen Creek

SCRUTOR GOLD #3

127'00"

50'10"

Camp Zone, See Figure 4

SCRUTOR GOLD #2

SCRUTOR GOLD #1

Discovery Zone, See Figure 3

49 x

69

68

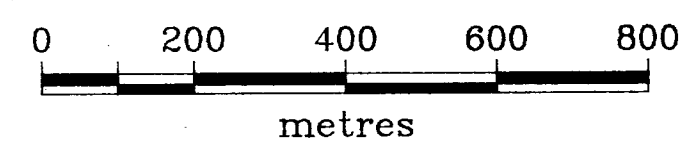
54

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,618

50'08"

Scale 1:10,000



555400m.N.

SCRUTOR GOLD CLAIMS					
LOCATION OF CLAIMS & INDEX TO DETAILED MAPS					
Original	Originator	Drawn	Date	PLAN No.	FIGURE 6
Revision	RVL	Geo-Comp	Aug '85	-889	
Revision				N.T.S. 92L 3	
MINEQUEST EXPLORATION ASSOCIATES LTD.					