WHITEHORSE M.D.

MAP No. 105 D 3

ASSESSMENT REPORT ☐
N. M. E. A. P. ☐
CONFIDENTIAL ☐
OPEN FILE ☐

TYPE OF WORK: GEOCHEMICAL

REPORT FILED UNDER	MINE QUEST EXPLORATION ASSOCIATES LTD. DOCUMENT NO. 091792
DATE PERFORMED	JUNE 1985 DATE FILED: MARCH 21, 1986
LOCATION - LAT.	60°01'N AREA: BENNETT LAKE
LONG.	135°13'W
CLAIM NO.	PART 1-27 YA86430-YA86456
VALUE $5,000.00	
WORK DONE BY	R.V. LONGE
WORK DONE FOR	MINE QUEST EXPLORATION ASSOCIATES LTD.

REMARKS

92-PART

Gold and silver mineralization was discovered north of Partridge Lake. The gold occurs in narrow fracture zones in an intensely welded ignimbrite. Exploration consisted of hand trenching and grab sampling of vein material. The best values were obtained from a 40 cm chip sample which assayed 57.94 g/t Au and 3583 g/t Ag.

091792

Yex 85 p. 93 ✓

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MINERAL RIGHTS
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YUKON TERRITORY

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MINING
RECORDER'S OFFICE
WHITEHORSE, Y.T.

MineQuest Report #111
Ref. No. RM2104

PART CLAIMS

Partridge Lake

Southwest Yukon

Whitehorse Mining Division

N.T.S. 105D3

Latitude 60°1'N
Longitude 135°13'W

by

R.V. Longe, P.Eng.

of

MineQuest Exploration Associates Ltd.

Work Performed On Claims:

Claims	Tag Numbers	Date Recorded
Part 1-27	YA86430 to 86456	March 11, 1985

August 1985

091792

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of $ 5,000 .

27 March 1986

Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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1.0 INTRODUCTION

The Part claims cover ground formerly staked in 1978 and drilled for uranium. At that time the precious metal potential of the claims was not thought to be high, uranium values were low, and the claims were dropped.

The ground was restaked for gold and silver in 1985 by L. Allen and R. Bilquist in co-operation with MineQuest Exploration Associates Ltd. This report describes the results of a preliminary sampling program carried out in June 1985.

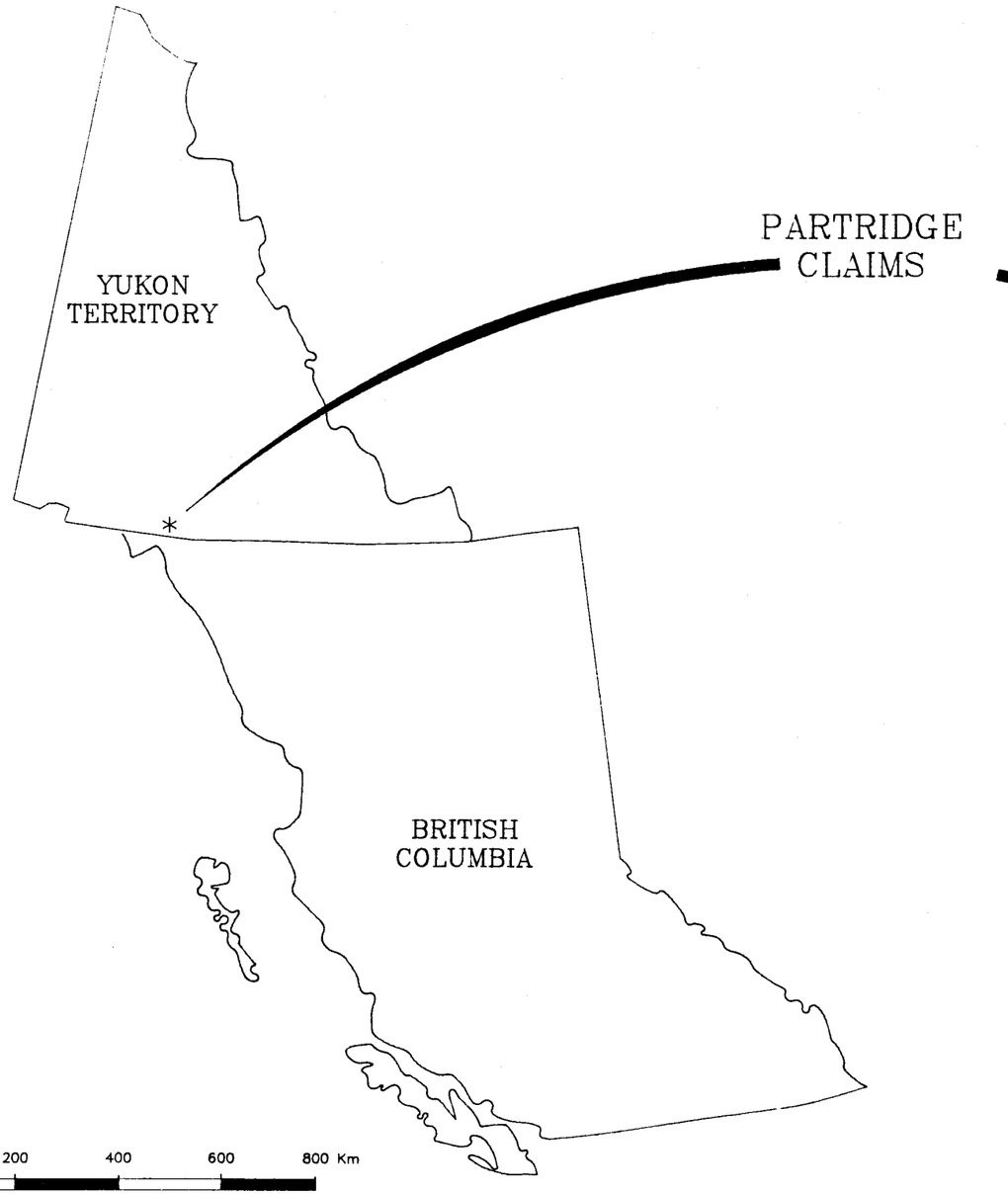
2.0 LOCATION, TOPOGRAPHY, ACCESS

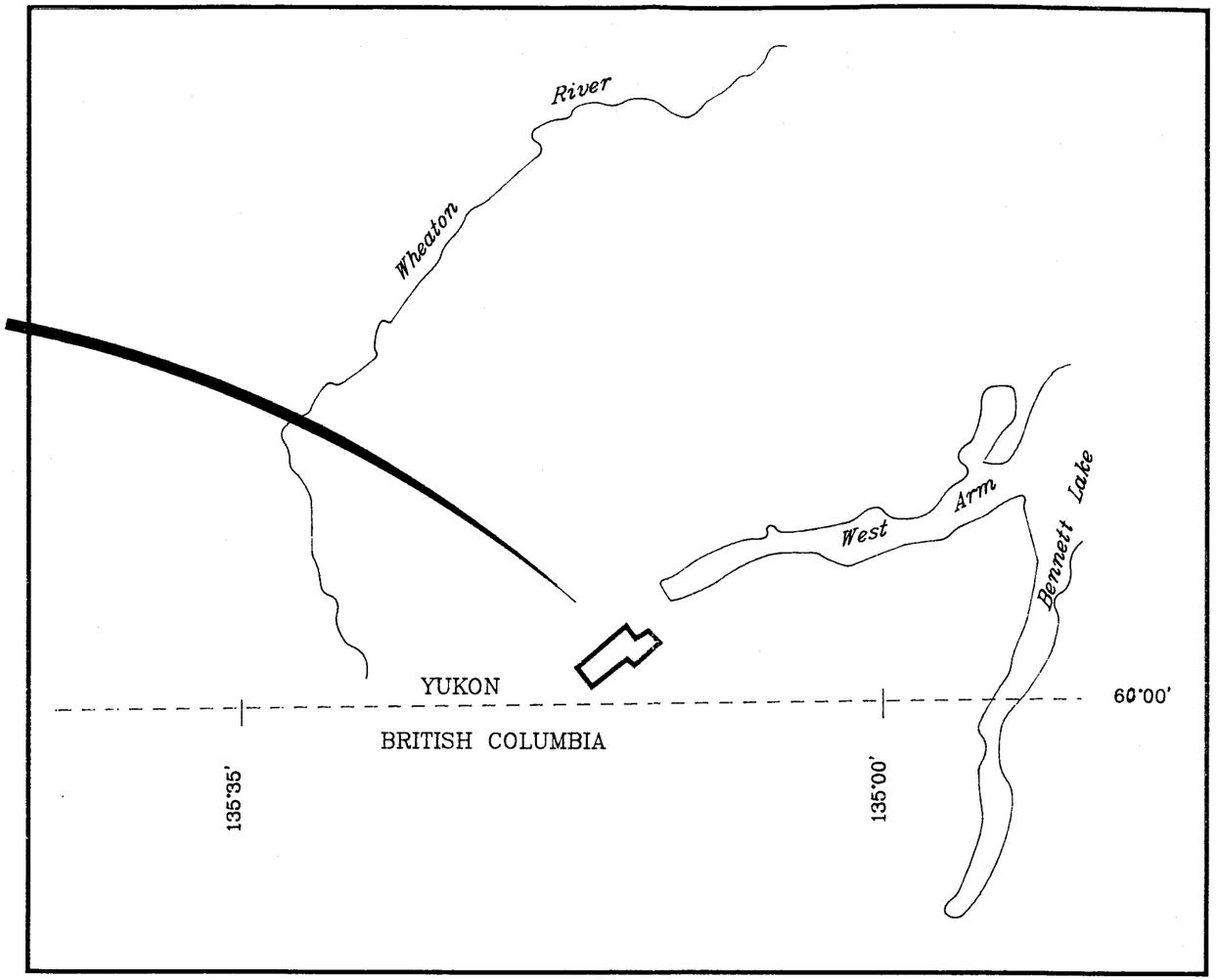
The claims cover ground north of the Partridge River in the southern Yukon some two kilometres north of the British Columbia boundary, and south-west of the West Arm of Bennett Lake.

Although much of the ground on either side of the Partridge River valley is mountainous, the claims, which occupy the valley floor, cover subdued terrain.

During the summer of 1985 helicopter access was a convenient 10 minute flight from the Frontier Helicopter base at the Wheaton River strip. Any substantial exploration program on the claims would be more economically serviced by boat from Carcross.

The greater part of the claim area consists of rocky knolls with a sparse covering of scrub pine. Lakes, swamps, and alluvium cover some 25% of the property.





Scale 1:250,000

0 500 1000 1500 metres

Geo-Comp Drawing File: PRT\LOC

PARTRIDGE CLAIMS

LOCATION MAP

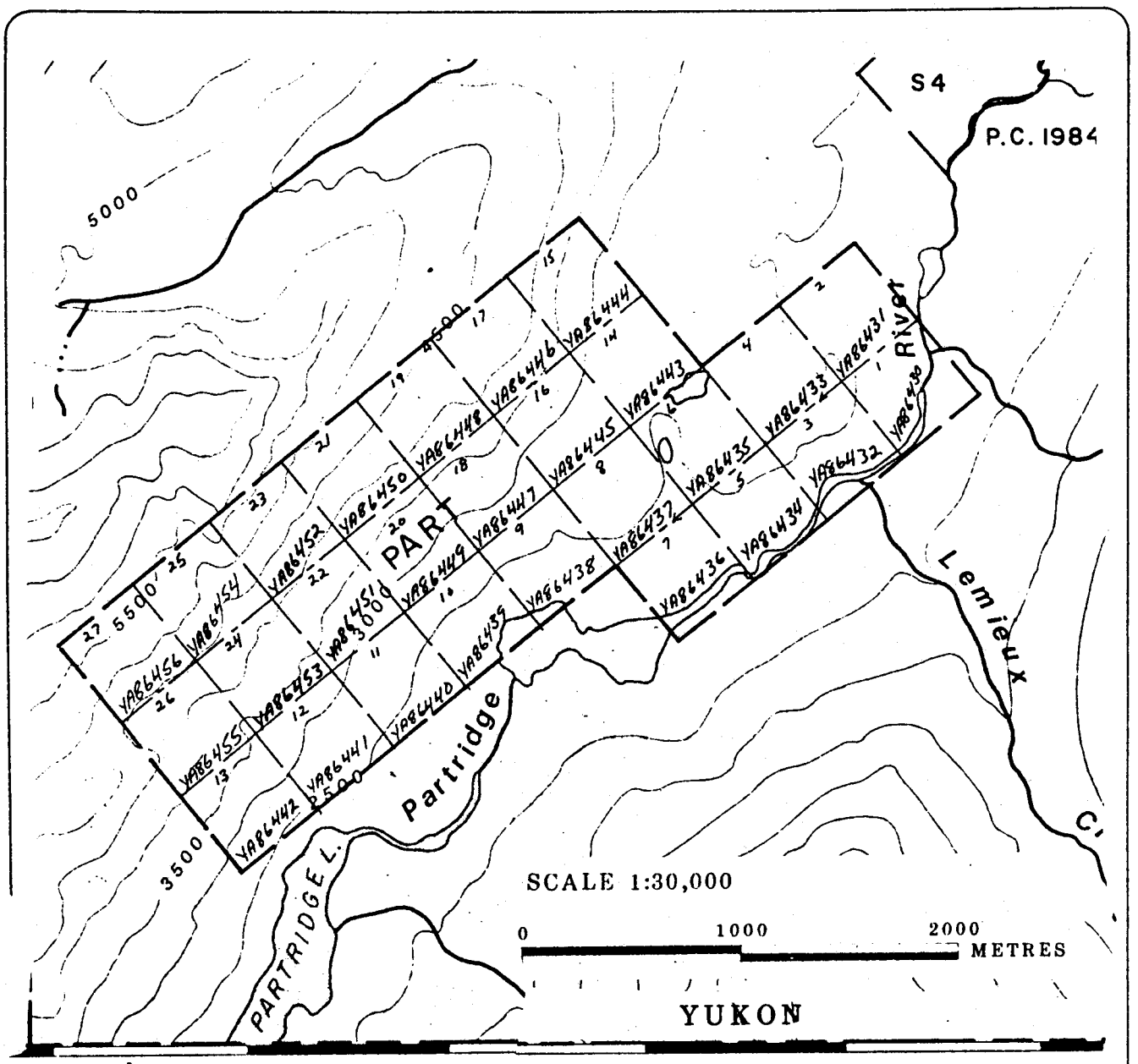
PLAN No.	DRAWN BY:	DATE	FIGURE
879	GEO-COMP	JAN.'86	1
Originator: RVL		N.T.S. 105 D	

MINEQUEST EXPLORATION ASSOCIATES LTD.

3.0 OWNERSHIP AND CLAIM STATUS

The claims consists of the following:

Claim	Tag Number	Date Recorded	Recorded Owner
Part 1	86430	March 11, 1985	L.O. Allen
Part 2	86431	"	"
Part 3	86432	"	"
Part 4	86433	"	"
Part 5	86434	"	"
Part 6	86435	"	"
Part 7	86436	"	"
Part 8	86437	"	"
Part 9	86438	"	"
Part 10	86439	March 11, 1985	R.J. Bilquist
Part 11	86440	"	"
Part 12	86441	"	"
Part 13	86442	"	"
Part 14	86443	"	"
Part 15	86444	"	"
Part 16	86445	"	"
Part 17	86446	"	"
Part 18	86447	"	"
Part 19	86448	"	"
Part 20	86449	"	"
Part 21	86450	"	"
Part 22	86451	"	"
Part 23	86452	"	"
Part 24	86453	"	"
Part 25	86454	"	"
Part 26	86455	"	"
Part 27	86456	"	"



from Indian and Northern Development
Claim map 105 D 3

PART CLAIMS

CLAIM MAP

Figure 2

4.0 HISTORY AND PREVIOUS WORK

The Bennett Lake caldera has been the scene of exploration for copper, molybdenum and silver at various times during the last 15 years.

In 1962 Kennecott Exploration carried out a silt sediment sampling program which led to the acquisition of claims near the centre of the caldera.

In 1978 D.J. Leighton & Associates, operating on behalf of E&B Explorations Ltd., carried out geological and geochemical surveys for uranium on the ground now covered by the Partridge claims. Two diamond holes were drilled, neither of them in zones prospective for precious metals.

The potential of the claims for silver and gold was first recognized by R. Bilquist and L. Allen who were responsible for initiating the staking and sampling of the claims in 1985.

5.0 SAMPLING PROGRAM, JUNE 1985

Messrs. L. Allen , R. Bilquist and R. Longe spent one week on the property between June 10th and June 17th, 1985.

The work was directed mainly at sampling two showings, the "Discovery" and the "Old Camp", both of which in 1978 had yielded encouraging quantities of gold and silver (Bilquist, 1985). Nineteen chip samples were collected from the Discovery Showing, eight samples at Elbow Creek a new discovery 70 metres south of the Discovery Showing, and 17 at the Old Camp. In addition some half dozen samples were collected at various other localities.

6.0 GEOLOGY

6.1 Regional Geology

The geology of the Bennett Lake caldera is described by Lambert (1974). The complex which straddles the boundary between British Columbia and the Yukon, is a twin of the Skukum Caldera 12 miles to the north (Figure 3). The Bennett Lake volcanic rocks contain more fragmental material than found in the Skukum Group, a feature which adds to the potential of the Bennett Lake area for disseminated types of gold deposits.

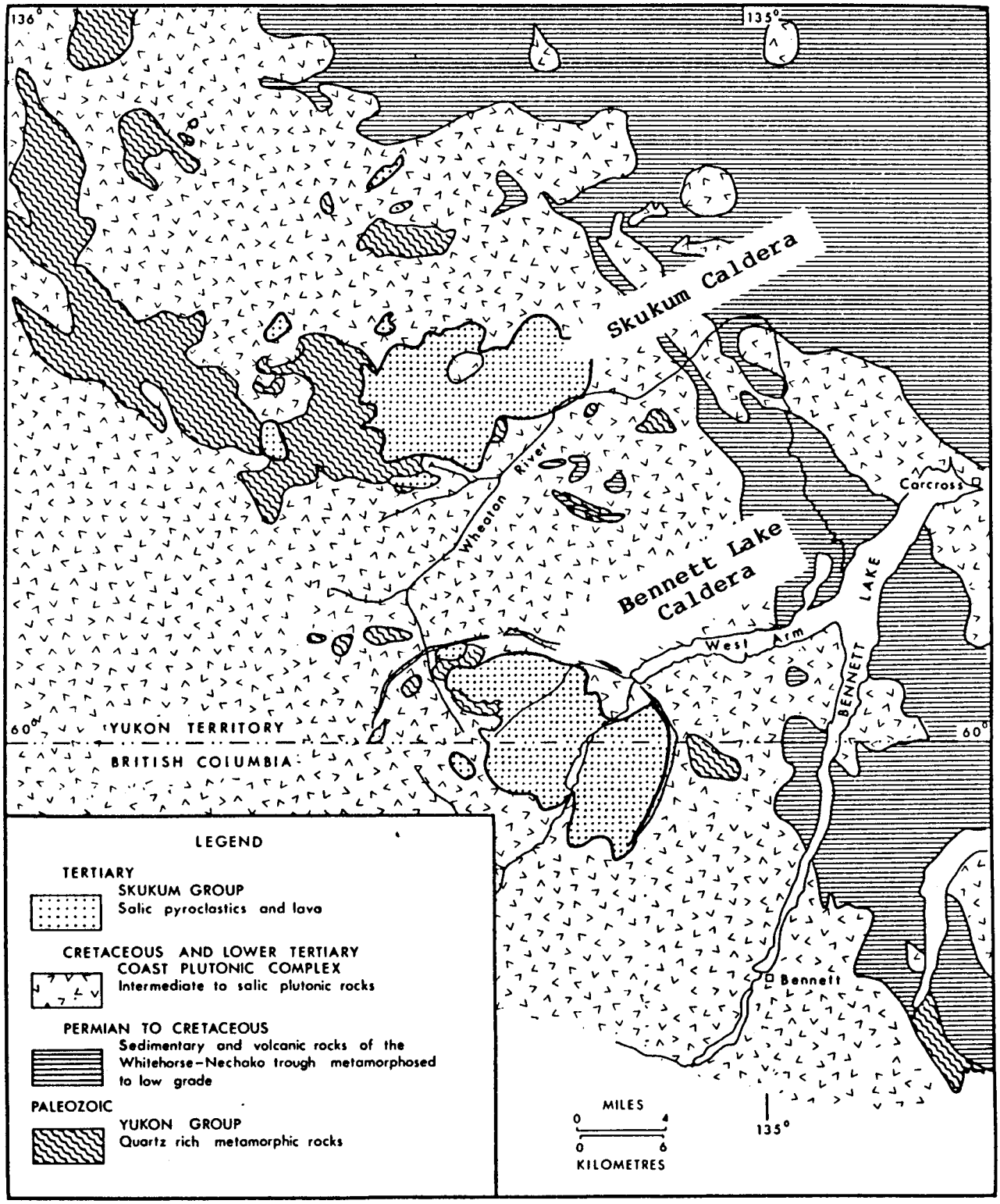
Lambert describes the Bennett Lake caldera as a calderon subsidence complex filled by a succession of predominantly volcanoclastic units, each representing a separate volcanic event. Each unit consists of tuffs, ignimbrites or lava with, in some cases, subordinate sediments. In general the base of each unit is less welded than the overlying parts of the same unit (Figure 4).

The volcanic units are predominantly silicic in composition. Ash flow tuffs, ignimbrites and breccias are more abundant then lavas. Intrusive rhyolites, in particular a large ring dyke circumscribing the complex, are also present.

6.2 Property Geology

Lambert shows the area covered by the Part claims to consist of granitic basement overlain by the basal members of the Cleft Mountain Formation, a succession of rhyolitic and dacitic ash flows.

Mapping by Culbert in 1978 (Figure 5) confirmed the basic relationship of these two units but enlarged the area underlain by the volcanic clastic unit.



Regional geology in the vicinity of Bennett Lake, British Columbia and Yukon Territory. Geology modified after Christie (1957) and Wheeler (1961). Reproduced from Lambert (1974).

Figure 3

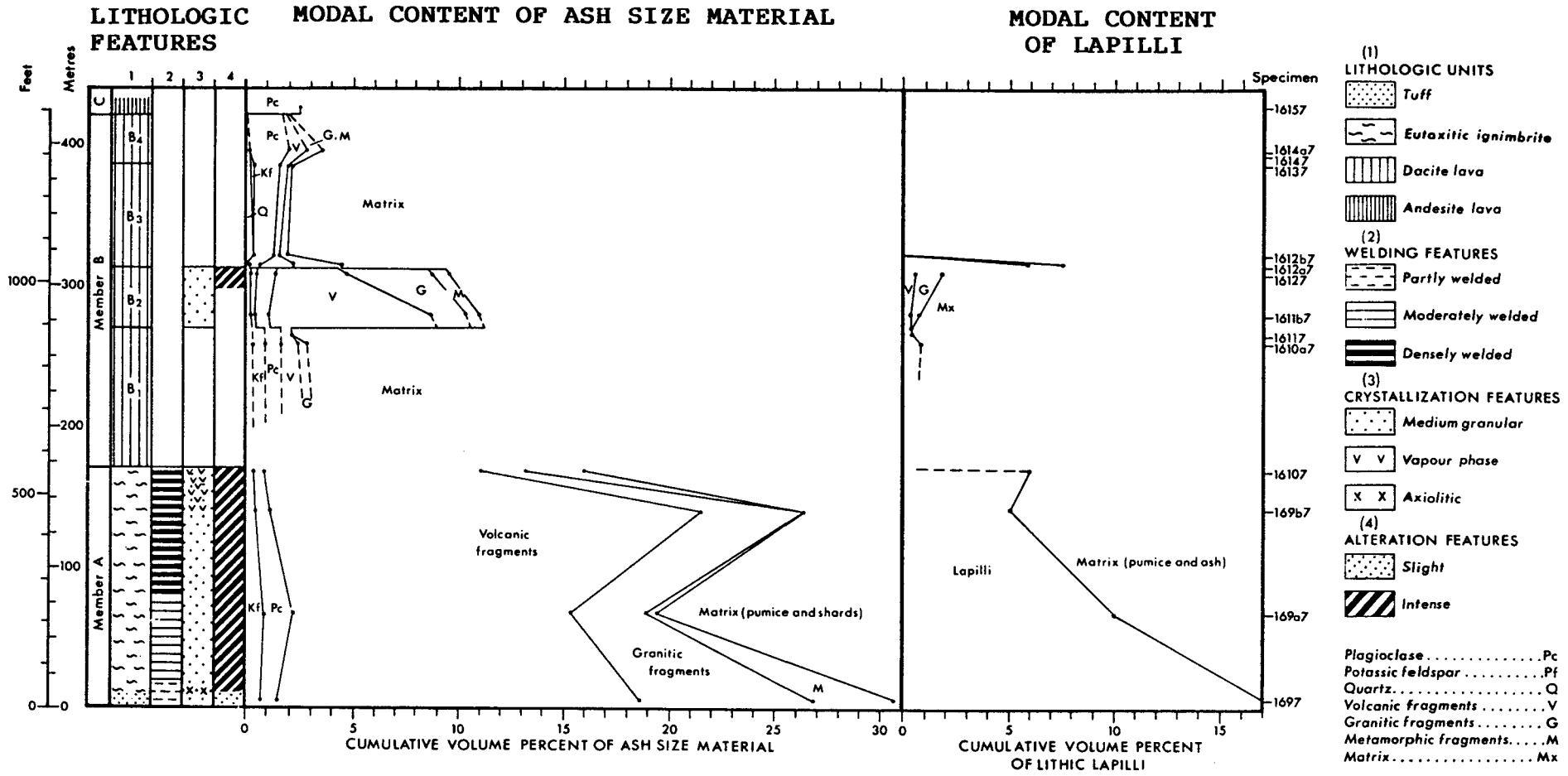
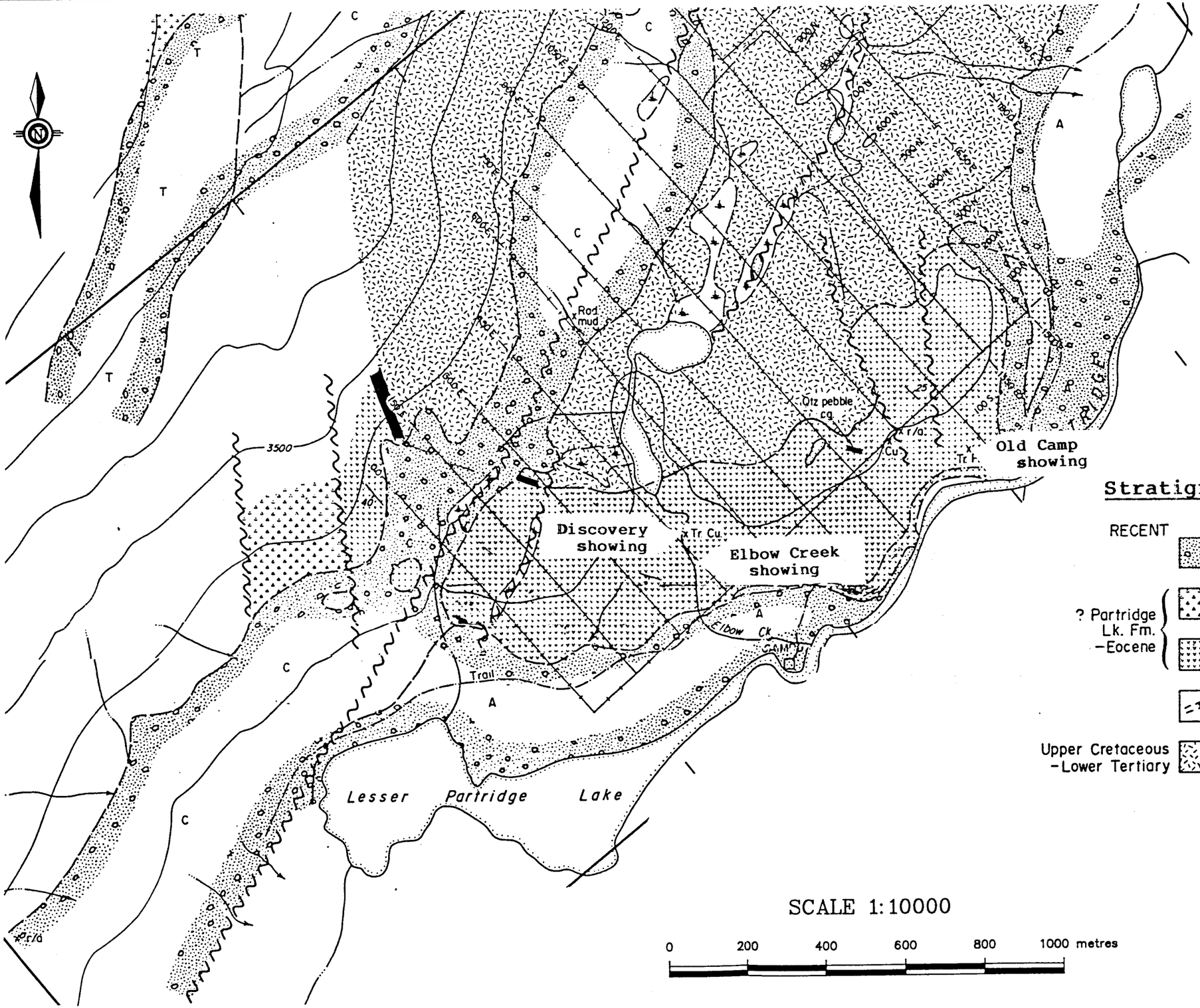


Figure 4

Reference section CMIII of the Cleft Mountain Formation

LITHOLOGIC VARIATIONS WITH DEPTH

Reproduced from Lambert (1974)



LEGEND

Symbols

- Geological contact (defined, approximate)
- Lineament (air photo)
- x Cu — Mineralization showing
- x r/a — Radioactive occurrence
- Trail
- Swamp
- Claim perimeter (taken from Gov't. map)
- Control grid; stations @ 50 m., lines @ 150 m.

Stratigraphic units

RECENT

- Alluvium, colluvium, glacial drift
  - A = Alluvium
  - T = Open talus
  - C = Colluvium; tree covered areas (bad bush)

? Partridge Lk. Fm. –Eocene

- Partly welded ignimbrite, maybe part of Macauley Creek Fm.
- Ignimbrite, rhyolite; black to grey; partly welded; fine to coarse; contains some volc. breccia and rhyolite lapilli tuff
- Basal conglomerate

Upper Cretaceous –Lower Tertiary

- Shattered pink quartz monzonite

SCALE 1:10000

0 200 400 600 800 1000 metres

PART CLAIMS

GEOLOGY

from Culbert 1979

PLAN No.	DRAWN BY: GEO–COMP	DATE Aug 1985	FIGURE
Originator: R.V.L		N.T.S. 105 O 3	5

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo–Comp Drawing File:

The Cleft Mountain Formation (Lambert's unit 6), consists of a basal ignimbrite overlain by lavas. Only the basal member occurs on the Part claims. Intensity of welding increases towards the top of the unit. Lithic fragments and lapilli are most abundant near the base, a situation confirmed by observations made in June 1985. Not only are agglomerates more abundant near the base of the Tertiary succession but there are several outcrops of a grit-like sediment showing little if any volcanic components.

The Discovery and Elbow Creek showings appear to lie in the upper, intensely welded, part of this ignimbrite unit. The position of the Old Camp showings within this stratigraphic section is believed to be similar.

7.0 RESULTS OF SAMPLING PROGRAM

The relationship of the showings to the claims is shown in Figure 6.

7.1 Discovery Showing (Figures 7 & 8):

The sample locations and results for the Discovery showing which lies near the junction between PART 5, 6, 7 and 8 claims are shown in Figure 8. Gold and silver values appear to occupy a fracture zone which dips vertically, strikes north-south, and varies in width along strike.

Within the zone most values are anomalous in either gold or silver or both. The highest value was in a forty centimetre chip sample which yielded 1.69 oz/ton Au and 104.5 oz/ton Ag.

The fracture is not readily noticable, although in certain places it is evidenced by a weak gossan. A hand lens or microscope reveals a series of very fine fractures with open space filling, quartz crystals and weak limonite staining. In exceptional sample veins approache 1cm in width and reveal sparse pyrite and galena.

7.2 Elbow Creek Showing (Figures 7 & 9):

Seventy metres to the south of the Discovery showing, on the boundary between the PART 5 & 7 claims, some samples of rusty float led to the finding of a zone where pyrite and galena occur both in vertical fractures and in horizontal planes which are possibly bedding. The rhyolite is more fragmental than at the Discovery Showing and may be partly agglomerate. Best values in this zone are 544ppb Au and approximately one ounce of silver per ton.

Photo 1: Discovery and Elbow Creek Showings

Photo 2: Discovery Showing after clearing

Photo 3: Part of Discovery Showing before Sampling

Photo 4: Part of Discovery Showing after sampling

PART 15

PART 2

PART 17

4000

PART 14

PART 4

PART 1

PART 19

3500

3000

PART 16

PART 6

PART 3

09

19

85

12

13

82

81

83

PART 8

PART 18

DISCOVERY SHOWING

OLD CAMP SHOWINGS

84

PART 5

ELBOW CREEK SHOWING

Partridge River

2500

PART 9

PART 7

PART 10

LESSER PARTRIDGE LAKE

60°01'

135°12'

6653000

488000

2500

2000

490000

LEGEND

Mineral Showings

09

* Sample Location (all numbers preceded by "ABQ")

For sample locations at mineral showings see detail in Figures 7,8,9

PART 6 — Claim Name

— Claim Boundary

Scale 1:10,000

0 100 200 300

metres

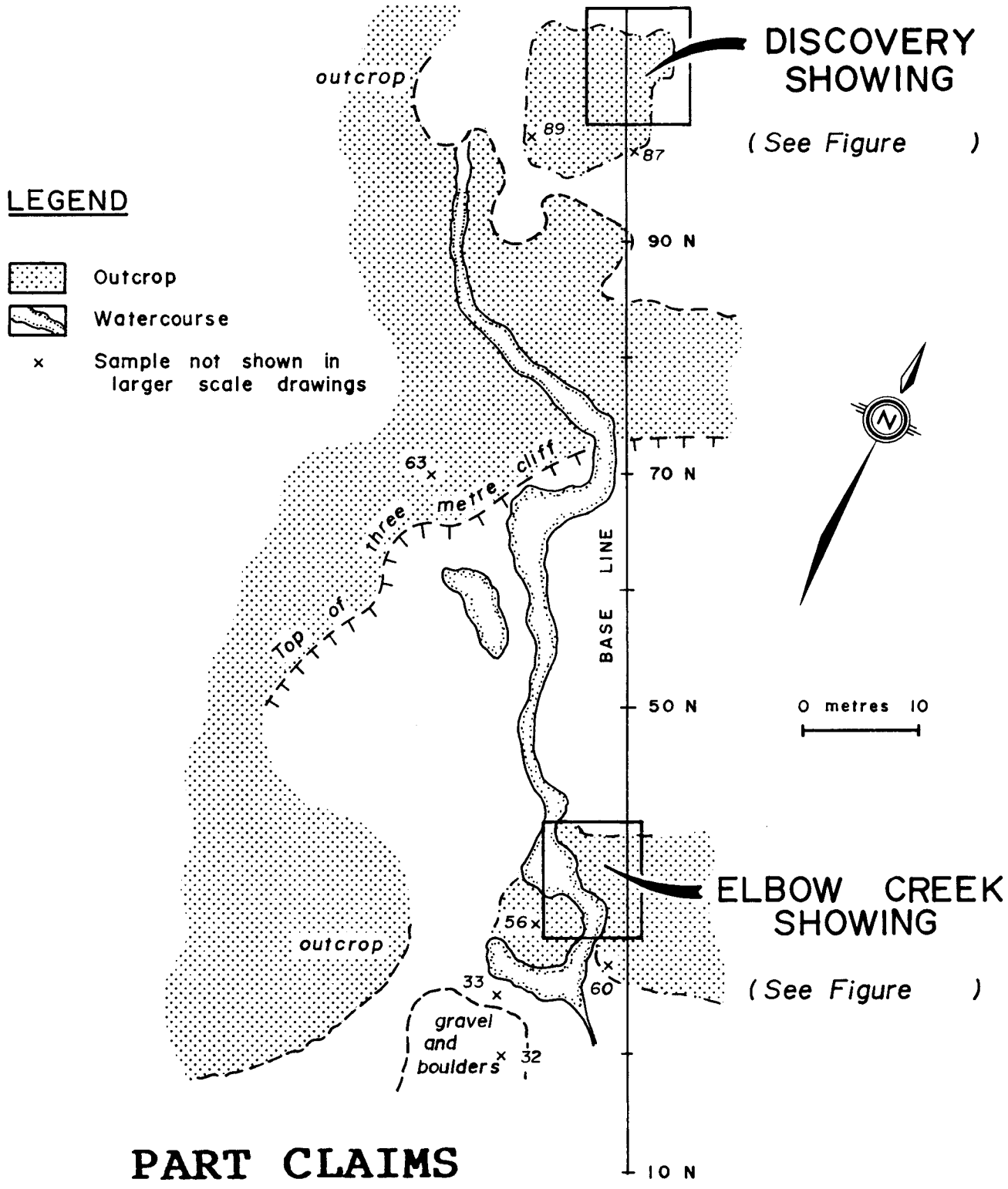
PART CLAIMS

MINERAL SHOWINGS SAMPLE LOCATIONS & CLAIMS

PLAN No.	DRAWN BY:	DATE	FIGURE
880	GEO-COMP	AUG.'85	6
Originator: RVL		N.T.S. 105 D 3	

MINEQUEST EXPLORATION ASSOCIATES LTD.

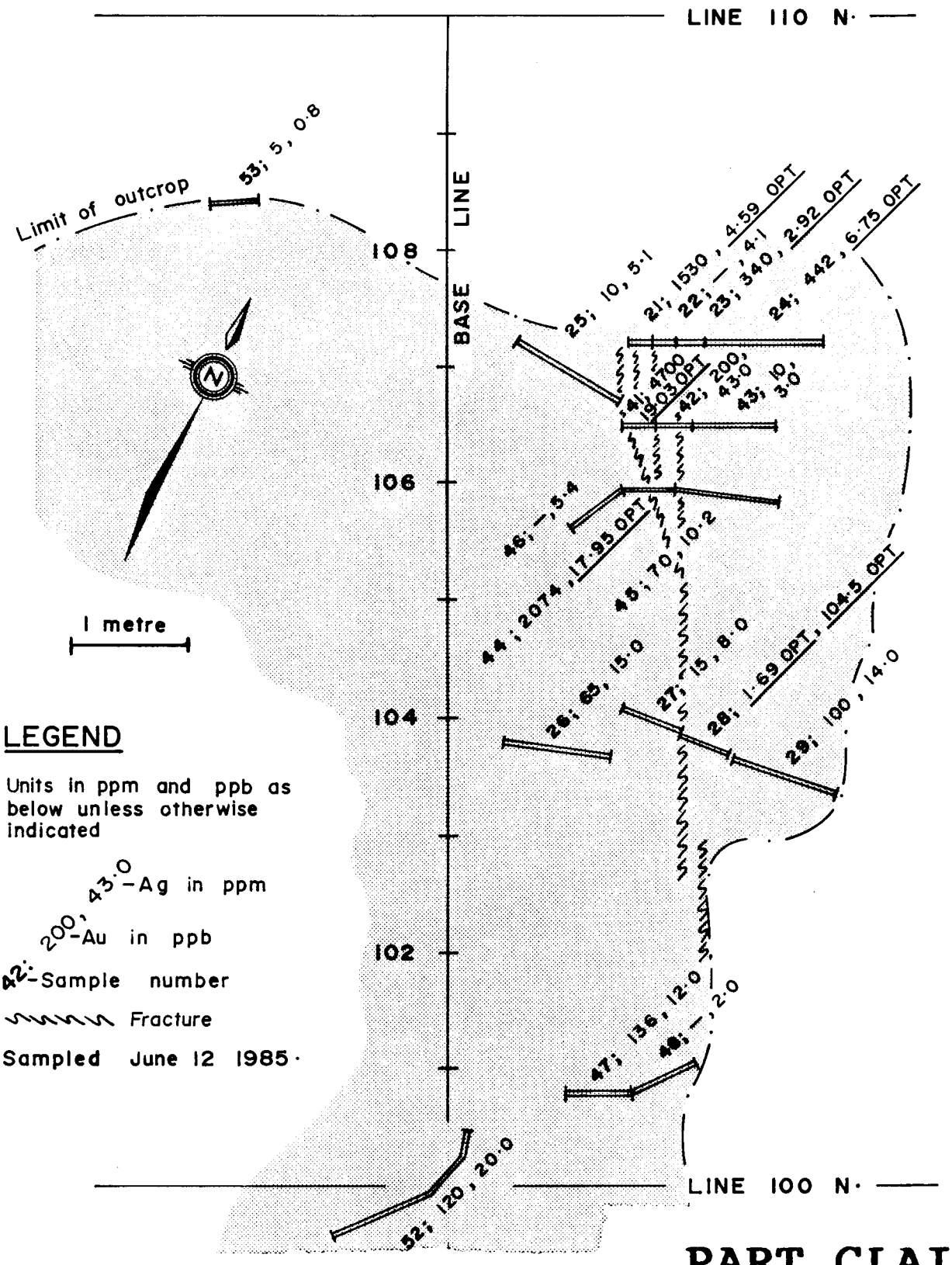
Geo-Comp Drawing File: PRT\MIN



PART CLAIMS

PLAN OF DISCOVERY AND ELBOW CREEK SHOWINGS

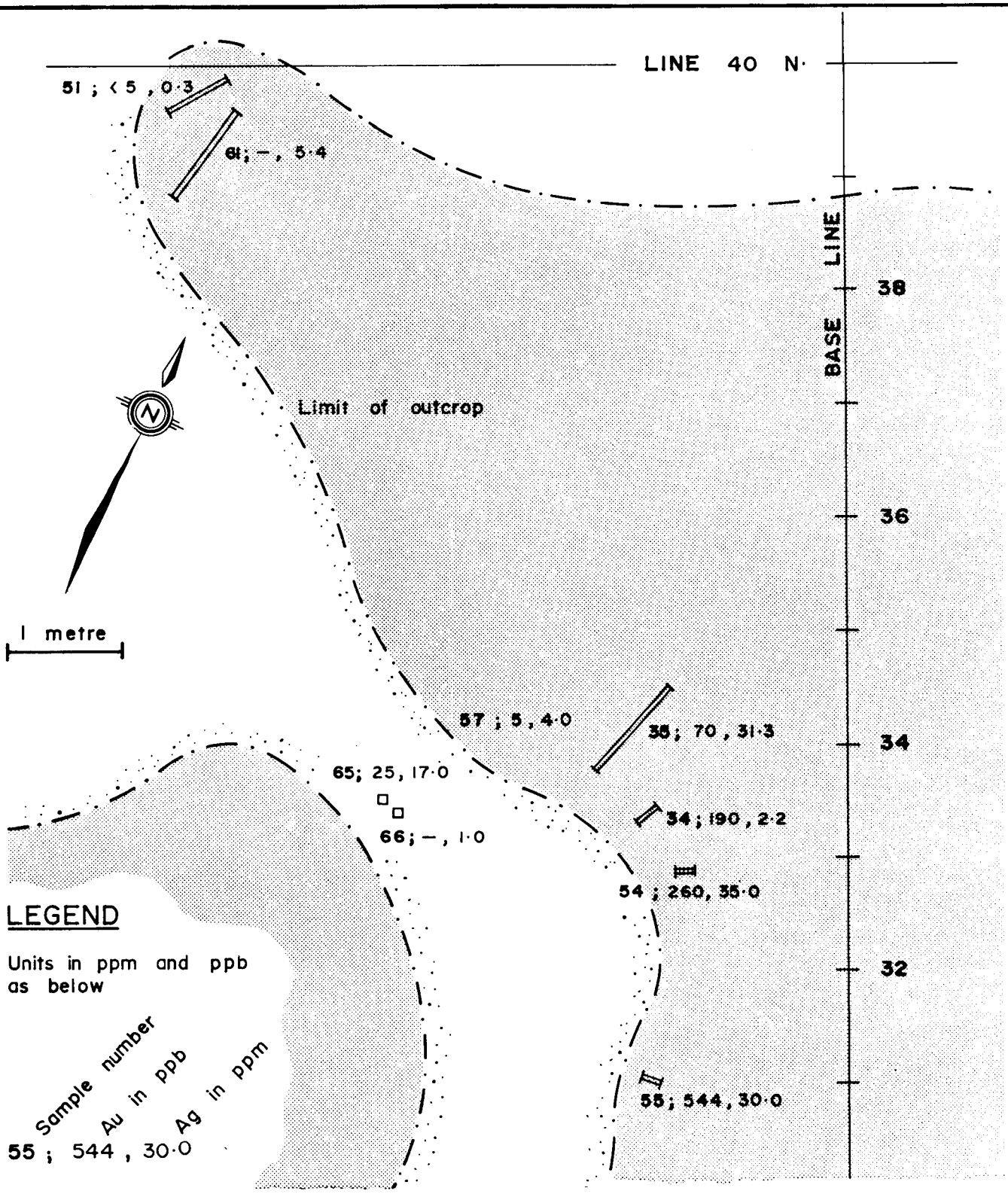
Figure 7



PART CLAIMS

DISCOVERY SHOWING SAMPLE LOCATION & VALUES

Figure 8



PART CLAIMS

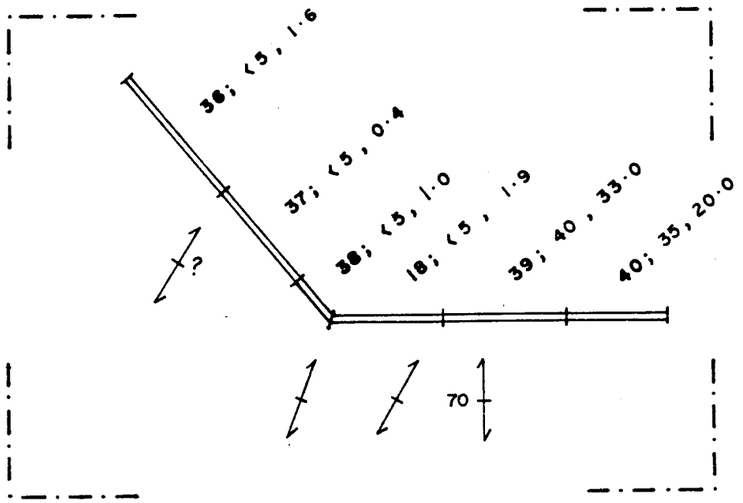
ELBOW CREEEK SHOWING SAMPLE LOCATIONS AND VALUES

Figure 9

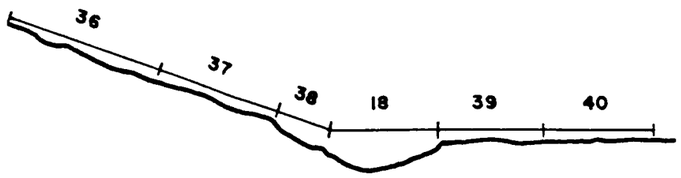
7.3 Old Camp Showing (Figures 10 & 11):

The Old Camp showings (Lower, Middle and Top) contain pyrite and arsenopyrite in fractures in a dense grey to black rhyolite. Best values at these showings are 190 ppm Au and 33 ppm Ag. Arsenic exceeds 1000 ppm.

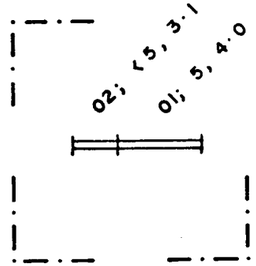
TOP SHOWING



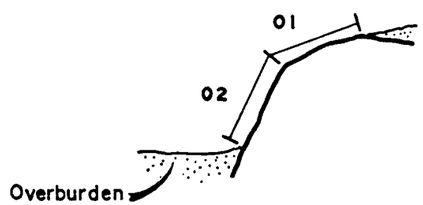
PLANS



CROSS SECTIONS



LOWER SHOWING



0 1
metre

PLAN OF OLD CAMP SHOWINGS

TOP SHOWING

MIDDLE SHOWING

LOWER SHOWING

Trail

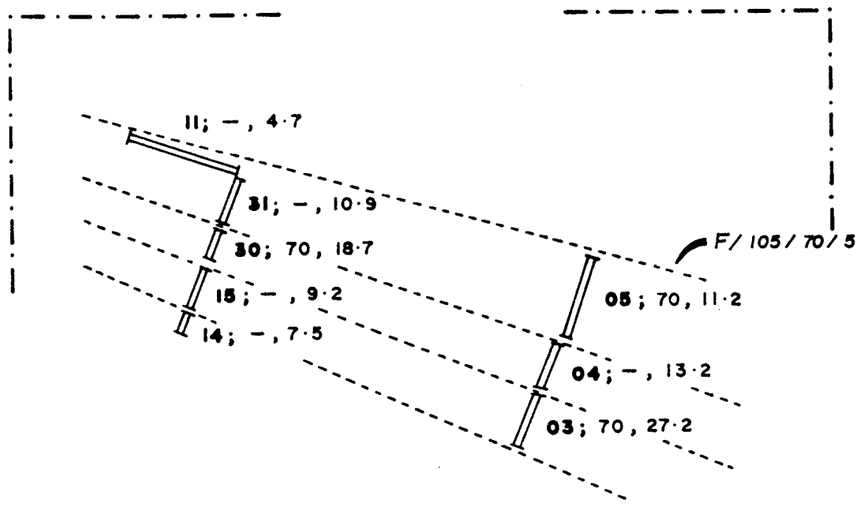
0 5 10
metres

PART CLAIMS

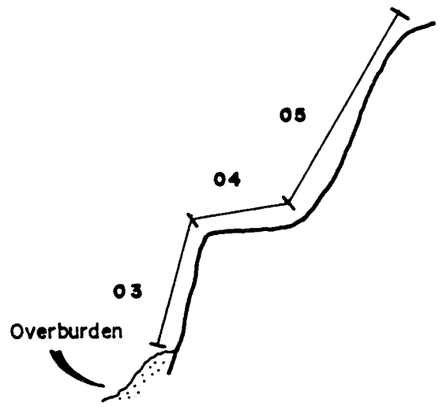
OLD CAMP
Top & Lower Showings

PLAN No.	DRAWN	DATE	FIGURE
—	PCM	AUG 1985	10
Revised		N.T.S.	

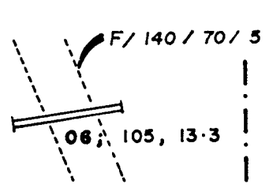
MINEQUEST EXPLORATION ASSOCIATES LTD.

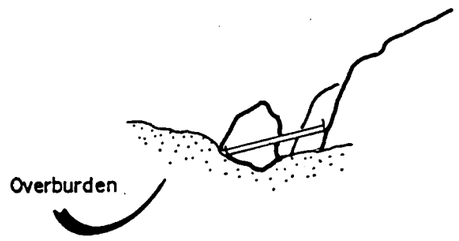


PLAN



CROSS SECTIONS



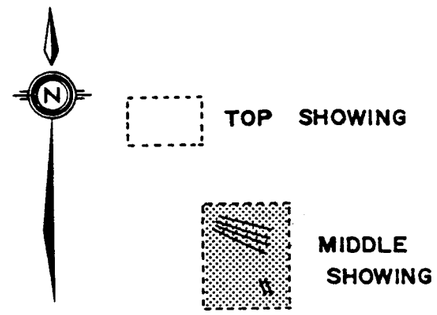


MIDDLE SHOWING

0 1
metre

PLAN OF

OLD CAMP SHOWINGS



PART CLAIMS

OLD CAMP

Middle Showing

PLAN No.	DRAWN	DATE	FIGURE
——	PCM	AUG 1985	11
Revised —— ——		N.T.S.	

MINEQUEST EXPLORATION ASSOCIATES LTD.

8.0 DISCUSSION

While the Skukum Caldera, its twin to the north, is known for gold, the Bennett Lake Caldera is best known for its high grade silver veins.

The Caldera itself has some of the features associated with epithermal gold deposits: silicic, explosive volcanism, occurrences of fluorite, and now, with the discovery on the Part claims, some significant gold values.

The terrain in most of the caldera is either ruggedly mountainous with excellent exposure or valley floor with none. In this respect the Part claims are exceptional, being in an area of good exposure on the floor of a U-shaped valley. Moreover, unlike much of the rest of the caldera, access need not involve a helicopter.

The fracture on which the original discovery was made is not easy to categorize. No obvious quartz vein exists. A first examination of the fracture provided little incentive for further work although, before it was cleared at the time of the recent sampling, a certain amount of weak gossan was apparent and may have served to draw attention to it. Prospecting seems likely to identify other showings of this type.

The rhyolitic ignimbrite which hosts the discovery showing is a very homogenous, "tight" rock with negligible porosity. Gold, silver and arsenic could have been introduced either during degassing of the underlying less-welded ignimbrite or during a hydrothermal event after cooling.

Given the occurrence of encouraging values in unprospective (low permeability) rhyolite at the Discovery showing, any more permeable unit lower in the succession becomes prospective for disseminated gold (Figure 12). Such rocks undoubtedly exist, witness both Lambert's observations (e.g. Figure 4) and the presence of conglomerates and grits observed by Culbert and the writer on the Part claims. The depth to basement is believed to be shallow, barring faulting, probably in the order of 100 metres.

Substantial variation in the width of the fracture zone at the Discovery Showing indicates the possibility of high grade orebodies in dilation zones within such fracture.

The property requires VLF-EM to follow-up the Discovery Showing. Possibility of high grade dilation zones along the fracture could be tested with a series of shallow drill holes following a VLF program. At the same time some deeper drill holes (up to 100 metres) should be drilled to intersect the more porous units at the base of the Eocene succession in the vicinity of this and perhaps other fracture systems. Detailed geological mapping, prospecting and soil geochemistry could be directed at enlarging the prospective area.

PART CLAIMS

SCHEMATIC CROSS SECTION SHOWING TYPES OF TARGETS

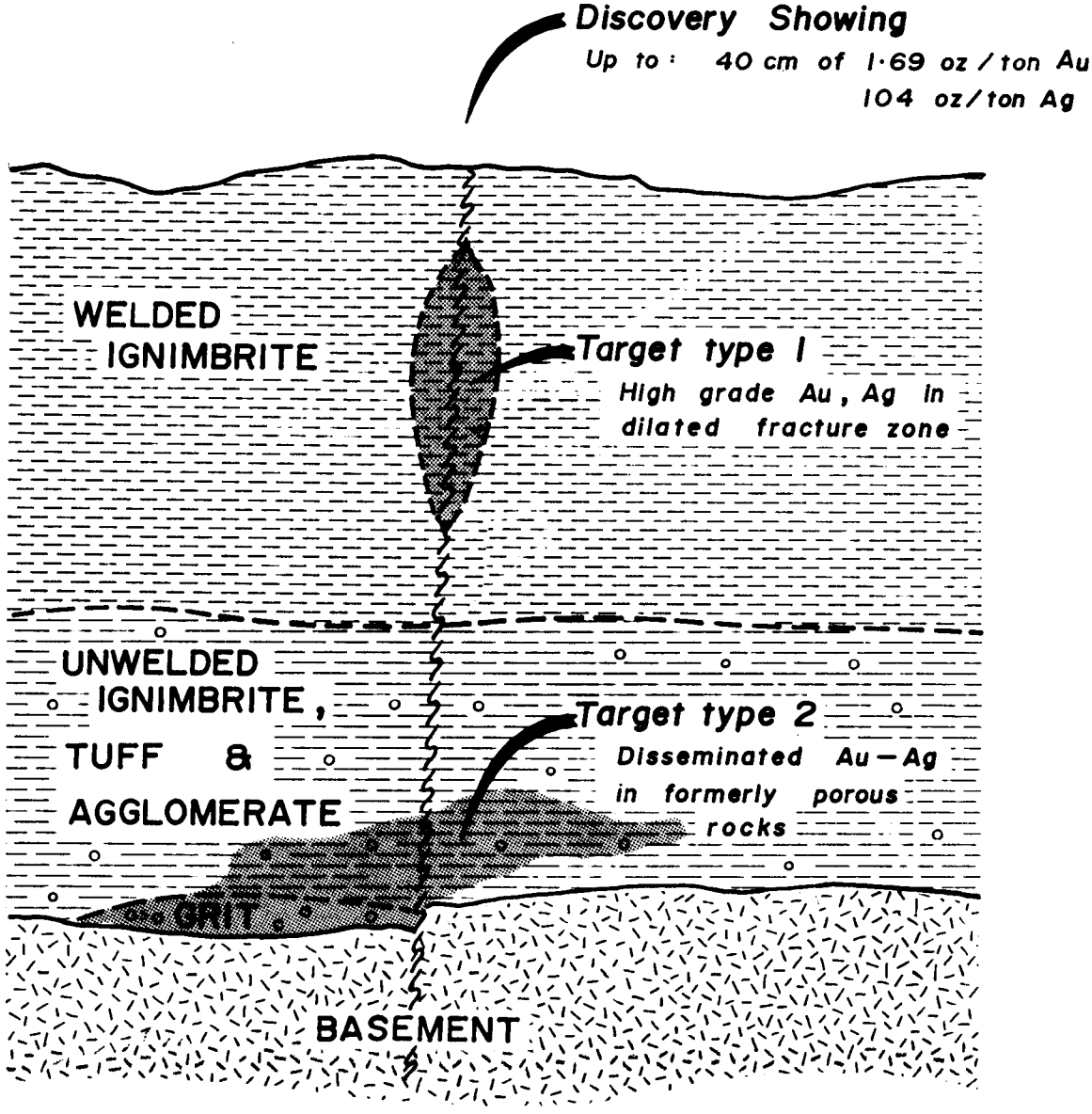


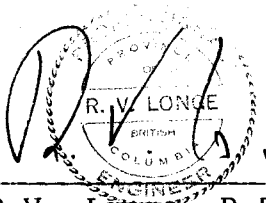
Figure 12

9.0 CONCLUSIONS

An occurrence of gold and silver within a fracture in Eocene rhyolites near the base of the Tertiary succession of the Bennett Lake Caldera has drawn attention to the precious metal potential of the area.

Up to 1.69 OPT Au and 104 OPT Ag across 40cm indicate the fracture system should be explored for zones where these grades are wide enough to make orbodies.

The porosity of units expected to underlie the Discovery Showing suggest a possibility of zones of disseminated gold and silver where the more porous rocks are cut by the same fracture system.



February 1986

R.V. Longe, P.Eng.

10.0 REFERENCES

Bilquist, R., 1985
Part Claims - Partridge Lake Area near Bennett Lake, south west Yukon; Recollections from Work Carried out between 1977 and 1979

Culbert, R.R., 1979
Geological and Geochemical Report on the Part 1-32 Mineral Claims - Partridge Lake, Yukon Territory
Assessment Report submitted to Mining Recorders Office Whitehorse, Yukon Territory

Lambert, 1974
The Bennett Lake Calderon Subsidence Complex, British Columbia and Yukon Territory
GSC Bulletin 227

APPENDIX I

Names and Addresses of Persons Performing Work
Described in this Report

APPENDIX I

Names and Addresses of Persons Performing Work Described in this Report

L.O. Allen
Box 128
Gabriola Island, B.C.
V0R 1X0

R.J. Bilquist
Box 81
Gabriola Island, B.C.
V0R 1X0

R.V. Longe
4762 Highway
West Vancouver, B.C.
V7W 1J5

APPENDIX II

Table of Samples and Values

SAMPLE RESULTS

Sample Number	Ag opt	Ag ppm	Au opt	Au ppb	As ppm
ABQ 001		4.0		5	105
002		3.1		<5	50
003	0.80		0.002		
004	0.39		<0.002		
005	0.33		0.002		
ABQ 006	0.39		0.003		
008	2.59	>50.0		760	4
009		2.1		<5	21
010		5.4		<5	27
011	0.14		<0.002		
ABQ 012		0.8		<5	12
013		0.7		<5	12
014	0.22		<0.002		
015	0.27		<0.002		
016		16.0		<5	600
ABQ 018		1.9		<5	190
019	6.40	>50.0		<5	15
021	4.59		0.045		
022	0.12		<0.002		
023	2.92		0.010		
024	6.75		0.013		
025		5.1		10	8
026		15.0		65	4
027		8.0		15	4
028	104.50	>50.0	1.691	>10000	17
ABQ 029		14.0		100	4
030	0.55		0.002		
031	0.32		<0.002		
032		17.0		35	11
033		10.0		10	5
034		2.2		190	4

SAMPLE RESULTS

Sample Number	Ag opt	Ag ppm	Au opt	Au ppb	As ppm
ABQ 035	0.92		0.002		
036		1.6		<5	300
037		0.4		<5	6
038		1.0		<5	850
039		33.0		40	>1000
ABQ 040		20.0		35	>1000
041	19.03	>50.0		4700	60
042		43.0		200	32
043		3.0		10	9
044	17.95		0.061		
ABQ 045	0.30		0.002		
046	0.16		<0.002		
047	0.35		0.004		
048	0.06		<0.002		
049		0.8		<5	80
ABQ 050		1.6		5	4
051		0.3		<5	4
052		20.0		120	4
053		0.8		5	4
054		35.0		260	8
ABQ 055	0.88		0.016		
056		0.6		<5	3
057		4.0		5	3
061	0.16		<0.002		
062		17.0		150	4
ABQ 063		1.0		<5	3
064	1.55	>50.0		55	4
065		17.0		25	28

SAMPLE RESULTS

Sample Number	Ag opt	Ag ppm	Au opt	Au ppb	As ppm
ABQ 066	0.03		<0.002		
068		6.5		10	11
069		9.0		10	11
081		1.8		<5	13
082		0.7		<5	58
ABQ 083		0.7		25	32
084		0.3		<5	6
085		0.3		10	6
086		1.9		5	65
089		1.2		<5	4

APPENDIX III

Laboratory Reports

Bondar-Clegg & Co. Ltd. Laboratory Report Numbers

425-1211
125-1231
625-1231
125-1416
625-1416
225-1231

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: 425-1211

PROJECT: PRT PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
R2 ABQ 3		0.002	0.80
R2 ABQ 4		<0.002	0.39
R2 ABQ 5		0.002	0.33
R2 ABQ 6		0.003	0.39
R2 ABQ 11		<0.002	0.14
R2 ABQ 14		<0.002	0.22
R2 ABQ 15		<0.002	0.27
R2 ABQ 21		0.045	4.59
R2 ABQ 22		<0.002	0.12
R2 ABQ 23		0.010	2.92
R2 ABQ 24		0.013	6.75
R2 ABQ 30		0.002	0.55
R2 ABQ 31		<0.002	0.32
R2 ABQ 35		0.002	0.92
R2 ABQ 44		0.061	17.95
R2 ABQ 45		0.002	0.30
R2 ABQ 46		<0.002	0.16
R2 ABQ 47		0.004	0.35
R2 ABQ 48		<0.002	0.06
R2 ABQ 55		0.016	0.88
R2 ABQ 61		<0.002	0.16
R2 ABQ 66		<0.002	0.03

Registered Assayer, Province of British Columbia

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: 625-1331

PROJECT: PRT PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
R2 AB08			2.59
R2 AB028		1.691	104.50
R2 AB041			19.03
R2 AB064			1.55

Registered Assayer, Province of British Columbia

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 125-1231 | PROJECT: PRT | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	As PPM	Au PPB
R2 ABQ 1		4.0	105	
R2 ABQ 2		3.1	50	
R2 ABQ 8		>50.0	4	760
R2 ABQ 10		5.4	27	
R2 ABQ 16		16.0	600	
R2 ABQ 18		1.9	190	
R2 ABQ 25		5.1	8	
R2 ABQ 26		15.0	4	
R2 ABQ 27		8.0	4	
R2 ABQ 28		>50.0	17	>10000
R2 ABQ 29		14.0	4	
R2 ABQ 32		17.0	11	
R2 ABQ 33		10.0	5	
R2 ABQ 34		2.2	4	
R2 ABQ 36		1.6	300	
R2 ABQ 37		0.4	6	
R2 ABQ 38		1.0	850	
R2 ABQ 39		33.0	>1000	40
R2 ABQ 40		20.0	>1000	
R2 ABQ 41		>50.0	60	4700
R2 ABQ 42		43.0	32	200
R2 ABQ 43		3.0	9	
R2 ABQ 49		0.8	80	
R2 ABQ 50		1.6	4	
R2 ABQ 51		0.3	4	
R2 ABQ 52		20.0	4	
R2 ABQ 53		0.8	4	
R2 ABQ 54		35.0	8	260
R2 ABQ 56		0.6	3	
R2 ABQ 57		4.0	3	
R2 ABQ 62		17.0	4	
R2 ABQ 63		1.0	3	
R2 ABQ 64		>50.0	4	55
R2 ABQ 65		17.0	28	
R2 ABQ 89		1.2	4	

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 125-1416

PROJECT: PRT PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	As PPM	Au PPB
R2 ABQ 009		2.1	21	<5
R2 ABQ 012		0.8	12	<5
R2 ABQ 013		0.7	12	<5
R2 ABQ 019		>50.0	15	<5
R2 ABQ 068		6.5	11	10
R2 ABQ 069		9.0	11	10
R2 ABQ 081		1.8	13	<5
R2 ABQ 082		0.7	58	<5
R2 ABQ 083		0.7	32	25
R2 ABQ 084		0.3	6	<5
R2 ABQ 085		0.3	6	10
R2 ABQ 086		1.9	65	5

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
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BONDAR-CLEGG

Certificate of Analysis

REPORT: 625-1416 | PROJECT: PRT | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT
R2 ABQ 019		6.40

Registered Assayer, Province of British Columbia

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 225-1231

PROJECT: PRT PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
R2 ABQ 1		5
R2 ABQ 2		<5
R2 ABQ 10		<5
R2 ABQ 16		<5
R2 ABQ 18		<5
R2 ABQ 25		10
R2 ABQ 26		65
R2 ABQ 27		15
R2 ABQ 29		100
R2 ABQ 32		35
R2 ABQ 33		10
R2 ABQ 34		190
R2 ABQ 36		<5
R2 ABQ 37		<5
R2 ABQ 38		<5
R2 ABQ 40		35
R2 ABQ 43		10
R2 ABQ 49		<5
R2 ABQ 50		5
R2 ABQ 51		<5
R2 ABQ 52		120
R2 ABQ 53		5
R2 ABQ 56		<5
R2 ABQ 57		5
R2 ABQ 62		150
R2 ABQ 63		<5
R2 ABQ 65		25
R2 ABQ 89		<5

APPENDIX IV

Consecutive Listing of Samples

CONSECUTIVE LISTING OF SAMPLES

Sample Number	Date	Sampler	Type	Claim Block	Claim Name	Comments
ABQ001	85 06 13	LOA	RKCHIP	PRT	Part 3	River Showing (Old Camp)
2	85 06 13	LOA	RKCHIP	PRT	Part 3	
3	85 06 13	LOA	RKCHIP	PRT	Part 3	Upper Old Camp
4	85 06 13	LOA	RKCHIP	PRT	Part 3	
5	85 06 13	LOA	RKCHIP	PRT	Part 3	
ABQ006	85 06 13	RJB	RKGRAB	PRT	Part 3	
7	85 06 13	RVL	RKGRAB	PRT	Part 6	Discov. Showing, Study Sample
8	85 06 13	RVL	RKGRAB	PRT	Part 6	Discov. Showing, Random Chips from B.S. Pile
9	85 06 13	RVL	RKGRAB	PRT	Part 6	Between Discov. Showing and Camp
10	85 06 13	LOA	FLOAT	PRT	Part 6	Old Camp Showing+py+pb
ABQ011	85 06 13	RVL	RKCHIP	PRT	Part 3	Longitudinal
012	85 06 13	LOA	RKGRAB	PRT	Part 3	60m on 290 from 006, rusty shear
013	85 06 14	LOA	RKGRAB	PRT	Part 5	60m E on 290°
014	85 06 14	LOA	RKCHIP	PRT	Part 3	Upper Old Camp
015	85 06 14	LOA	RKCHIP	PRT	Part 3	Upper Old Camp
ABQ016	85 06 14	RJB	FLOAT	PRT	Part 3	Lower Old Camp
17	85 06 14	RVL	RKGRAB	PRT	Part 3	Study Sample
18	85 06 14	LOA	RKCHIP	PRT	Part 3	Top Old Camp Showings
19	85 06 14	RJB	FLOAT	PRT	Part 3	Qtz., Gully near Copper Showing
21	85 06 13	LOA	RKCHIP	PRT	Part 6	Discov. Showing
ABQ022	85 06 13	LOA	RKCHIP	PRT	Part 6	" "
23	85 06 13	LOA	RKCHIP	PRT	Part 6	" "
24	85 06 13	LOA	RKCHIP	PRT	Part 6	" "
25	85 06 13	LOA	RKCHIP	PRT	Part 6	" "
26	85 06 13	LOA	RKCHIP	PRT	Part 6	" "
ABQ027	85 06 13	LOA	RKCHIP	PRT	Part 6	" "
28	85 06 13	LOA	RKCHIP	PRT	Part 6	" "
29	85 06 13	LOA	RKCHIP	PRT	Part 6	" "
30	85 06 14	LOA	RKCHIP	PRT	Part 3	Upper Old Camp
31	85 06 14	LOA	RKCHIP	PRT	Part 3	
ABQ032	85 06 14	LOA	FLOAT	PRT	Part 6	Minz. Float near Discov. Showing
33	85 06 14	LOA	FLOAT	PRT	Part 6	Minz. Float near Discov. Showing
34	85 06 14	LOA	RKCHIP	PRT	Part 6	Downstream of Discov. Showing
35	85 06 14	LOA	RKCHIP	PRT	Part 6	Downstream of Discov. Showing
36	85 06 14	RJB	RKCHIP	PRT	Part 3	Top Old Camp Showings
ABQ037	85 06 14	RJB	RKCHIP	PRT	Part 3	Top Old Camp Showings
38	85 06 14	RJB	RKCHIP	PRT	Part 3	Top Old Camp Showings
39	85 06 14	LOA	RKCHIP	PRT	Part 3	Top Old Camp Showings
40	85 06 14	LOA	RKCHIP	PRT	Part 3	Top Old Camp Showings
41	85 06 13	RJB	RKCHIP	PRT	Part 6	Discov. Showing

CONSECUTIVE LISTING OF SAMPLES

Sample Number	Date	Sampler	Type	Claim Block	Claim Name	Comments
ABQ042	85 06 13	RJB	RKCHIP	PRT	Part 6	Discov. Showing
43	85 06 13	RJB	RKCHIP	PRT	Part 6	Discov. Showing
44	85 06 13	RJB	RKCHIP	PRT	Part 6	Discov. Showing
45	85 06 13	RJB	RKCHIP	PRT	Part 6	Discov. Showing
46	85 06 13	RJB	RKCHIP	PRT	Part 6	Discov. Showing
ABQ047	85 06 13	RJB	RKCHIP	PRT	Part 6	Discov. Showing
48	85 06 13	RJB	RKCHIP	PRT	Part 6	Discov. Showing
49	85 06 14	RJB	RKGRAB	PRT	Part 5	Elbow Creek
50	85 06 14	RJB	RKGRAB	PRT	Part 5	Elbow Creek
51	85 06 14	LOA	RKCHIP	PRT	Part 5	50 Below Discov Showing very leached
ABQ052	85 06 14	LOA	RKCHIP	PRT	Part 6	Discov. Showing
53	85 06 14	RVL	RKCHIP	PRT	Part 6	Discov. Showing
54	85 06 15	RVL	RKCHIP	PRT	Part 6	Elbow Creek
55	85 06 15	RVL	RKCHIP	PRT	Part 6	" "
56	85 06 15	RVL	RKCHIP	PRT	Part 6	" "
ABQ057	85 06 15	RVL	RKCHIP	PRT	Part 6	" "
61	85 06 15	RJB	RKCHIP	PRT		1m Chip, pb, ag, py Elbow Creek
62	85 06 15	RJB	RKGRAB	PRT		High Grade Grabs from Base of 61
63	85 06 15	RJB	RKGRAB	PRT		Between Discov. and Elbow Creek Showings
64	85 06 15	RJB	RKGRAB	PRT		Elbow Creek, Trace Sulphides
ABQ065	85 06 15	RJB	FLOAT	PRT		Elbow Creek, Float under Stream
66	85 06 15	RJB	RKGRAB	PRT		Elbow Creek OC Under Stream
68	85 06 17	RJB	FLOAT	PRT		From Camp at Bennet L. Qtz. x B
69	85 06 17	RJB	FLOAT	PRT		From Camp at Bennet L. Rylt. and PB
81	85 06 16	RVL	RKCHIP	PRT		5m N. of 009 (100m N of Discov. Showing)
ABQ082	85 06 16	RVL	RKCHIP	PRT		50m of 081 on 320 DEC. Rusty Rylt.
83	85 06 16	RVL	RKCHIP	PRT		Approx. 700E, 100N Rusty Rylt.
84	85 06 16	RVL	RKCHIP	PRT		600E, 35N, Rusty Rylt.
85	85 06 16	RVL	RKCHIP	PRT		900E, 50N, Qtz. Frac. Grit
ABQ086	85 06 16	RVL	RKCHIP	PRT		Crozier Ck. Rusty Conglom.
87	85 06 17	RVL	RKCHIP	PRT		Discov. Showing
88	85 06 17	RVL	RKCHIP	PRT		Discov. Showing
89	85 06 17	RVL	RKCHIP	PRT		Discov. Showing

APPENDIX V

Cost Statement

COST STATEMENT

PART CLAIMS

June 1st, 1985 to January 31, 1986

Fees and Wages:			
R.V. Longe	9.05 days at $485.00	$ 4,389.25	
Les Allen	8.00 days at $185.00	1,480.00	
Ron Bilquist	8.00 days at $185.00	1,480.00	$ 7,349.25
Casual Staff:			45.90
Disbursements:			
Air Fares		1,802.00	
Rental Vehicle		551.39	
Fuels & Lubricants		330.86	
Helicopter		1,451.00	
Taxis, Fares		119.70	
Meals, Accommodation		378.80	
Freight		179.68	
Equipment Rentals		268.90	
Groceries		275.34	
Food & Accommodation		174.00	
General Supplies		220.02	
Analyses		1,145.38	
Claim Recording & Renewal		510.00	
Telephone		143.92	
Expeditor		93.00	
Courier, Postage		63.03	
Reprographics		42.03	
Maps		139.02	
Computer Services		2.00	
Legal		146.76	
		8,036.83	
Plus Over-Ride at 10%		803.68	8,840.51
MineQuest Charges:			
Photocopies		88.75	
Report Preparation		110.00	
Vehicle Rental		540.00	
Field Equipment Charges		128.00	866.75
			$17,102.41

APPENDIX VI

Statements of Qualifications

R.V. Longe	P. Eng.
L.O. Allen	Prospector
R.J. Bilquist	Prospector

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 21 years.

6. The information used in this report is based on one week spent on the property in June 1985 and personal supervision of the work described.

Signed _____
R.V. Longe, P.Eng

dated at Vancouver, B.C.
this 1st day of March, 1985.

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.

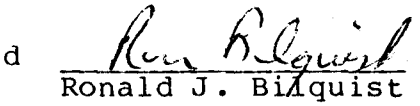
Signed Leslie O Allen
Leslie O. Allen

dated at Vancouver, B.C.
this 1st day of March, 1985.

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 
Ronald J. Bilquist

dated at Vancouver, B.C.
this 1st day of March, 1985.

APPENDIX VII

Application for a Certificate of Work
and
Application to Group Mineral Claims

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

Yukon Quartz Mining Act

APPLICATION TO GROUP MINERAL CLAIMS

MINING DISTRICT WHITEHORSE

OFFICE DATE STAMP

I(WE) THE UNDERSIGNED OWNER(S) OR AGENT(S) OF THE OWNER(S) OF THE FOLLOWING MINERAL CLAIMS

GRANT NUMBER(S)	CLAIM NAME(S)	LOCATION	CLAIM SHEET NO.
86430	Part 1	Partridge Lake	105 D/3
86432	Part 3	"	"
86434	Part 5	"	"
86436	Part 7	"	"
86437	Part 8	"	"
86438	Part 9	"	"
86439	Part 10	"	"
86440	Part 11	"	"
86441	Part 12	"	"
86442	Part 13	"	"
86453	Part 24	"	"
86455	Part 26	"	"
86456	Part 27	"	"

GIVE NOTICE OF INTENTION TO GROUP THE SAID CLAIMS FOR THE PERFORMANCE OF WORK AND DO HEREBY APPLY UNDER THE PROVISIONS OF SECTION 52 OF THE YUKON QUARTZ MINING ACT FOR A CERTIFICATE IN FORM "E"

I(WE) HEREBY CERTIFY THAT THE ABOVE CLAIMS ARE ADJOINING AS SHOWN ON ATTACHED SKETCH

DATED AT Vancouver

THIS 10th DAY OF March 19 86

R.V. Longe

for Ronald J. Bilquist

and for Leslie O. Allen

OWNER(S) SIGNATURE

FOR OFFICE USE ONLY

FORM "E" NO.

RECEIPT NO.

DATE APPLIED.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

Yukon Quartz Mining Act

APPLICATION TO GROUP MINERAL CLAIMS

MINING DISTRICT WHITEHORSE

I(WE) THE UNDERSIGNED OWNER(S) OR AGENT(S) OF THE OWNER(S) OF THE FOLLOWING MINERAL CLAIMS

OFFICE DATE STAMP

GRANT NUMBER(S)	CLAIM NAME(S)	LOCATION	CLAIM SHEET NO.
86431	Part 2	Partridge Lake	105 D/3
86433	Part 4	"	"
86435	Part 6	"	"
86443	Part 14	"	"
86444	Part 15	"	"
86445	Part 16	"	"
86446	Part 17	"	"
86447	Part 18	"	"
86448	Part 19	"	"
86449	Part 20	"	"
86450	Part 21	"	"
86451	Part 22	"	"
86452	Part 23	"	"
86454	Part 25	"	"

GIVE NOTICE OF INTENTION TO GROUP THE SAID CLAIMS FOR THE PERFORMANCE OF WORK AND DO HEREBY APPLY UNDER THE PROVISIONS OF SECTION 52 OF THE YUKON QUARTZ MINING ACT FOR A CERTIFICATE IN FORM "E"

I(WE) HEREBY CERTIFY THAT THE ABOVE CLAIMS ARE ADJOINING AS SHOWN ON ATTACHED SKETCH

DATED AT Vancouver

THIS 10th DAY OF March 19 86

R.V. Longe

for Ronald J. Bilquist

and for Leslie O. Allen

OWNER(S) SIGNATURE

FOR OFFICE USE ONLY

FORM "E" NO.

RECEIPT NO.

DATE APPLIED.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

YUKON QUARTZ MINING ACT

FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

(This form required in duplicate with sketch showing location of work.)

I (Name) R.V. Longe	Occupation Geologist
(Postal Address) MineQuest Exploration Associates Ltd. 201-311 Water Street, Vancouver, B.C., V6B 1B8	OFFICE DATE STAMP

MAKE OATH AND SAY, THAT:

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
2. I have done, or caused to be done, work on the following mineral claim(s):

(Here list claims on which work was actually done by number and name)

PART 3 YA86432
PART 5 YA86434
PART 6 YA86435
PART 7 YA86436

situated at Partridge Lake Claim Sheet No. 105 D/3

in the Whitehorse Mining District, to the value of at least $ 5,400.00

dollars, since the 1st day of June 19 85.

to represent the following mineral claims under the authority of Grouping Certificate No. _____

(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

Two Year's Renewal is Requested for the following claims:

Group _____

Part 1	86430
Part 3	86432
Part 5	86434
Part 7	86436
Part 8	86437
Part 9	86438
Part 10	86439
Part 11	86440
Part 12	86441
Part 13	86442
Part 24	86453
Part 26	86455
Part 27	86456

Group _____

Part 2	86431
Part 4	86433
Part 6	86435
Part 14	86443
Part 15	86444
Part 16	86445
Part 17	86446
Part 18	86447
Part 19	86448
Part 20	86449
Part 21	86450
Part 22	86451
Part 23	86452
Part 25	86454

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

During June 12-17, 1985 three persons, L. Allen, R. Bilquist prospectors and R. Longe, geologist, made a geological examination, prospected the PART mineral claims and sampled in detail showings on the PART 3, PART 5, PART 6 and PART 7 claims. Samples were analysed in late June and the report written later in the year.

Sworn before me at Vancouver, British Columbia

this 10th day of March 19 86.

Brian E. Abraham

Notary Public For British Columbia

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