

Exploration Report  
Lumsden Claim Group

22075

LOG NO:	SEP 25 1992	RD.
ACTION:	<i>Back from and</i> <i>unsuccessful</i>	
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LOG NO:	JUN 05 1992	RD.
ACTION:	<i>Back from</i> <i>unsuccessful</i>	
FILE NO:		

## EXPLORATION REPORT

### LUMSDEN GROUP OF CLAIMS

Situated 30 Km west and 5 Km south of Atlin B.C.  
Atlin Mining Division NTS 104 - M/B (E)  
Latitude 59 29' N Longitude 134 14' N  
Statement of Exploration & Development  
SMI 91 - 0100475 - 377

December 20th 1991  
J MCLEOD BSc BEd M.A.I.M.M.

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## 1.0 SUMMARY

- 1.1 A program of trenching & Rock sampling was carried out for Keith Lumsden on his claims near the Engineer Mine from Sept. 3rd to Sept. 8th. 1991.
- 1.2 A 25m long by 2m wide trench was hand excavated to the entrance of the Gleaner adit.
  - 1.2.1 One small trench was excavated across the Mickey vein and grab sampled on one metre intervals.
  - 1.2.2 The Gleaner adit was grab sampled along its length.
- 1.3 All samples were sent to N.A.L. Whitehorse and assayed for Gold and Silver (58 samples).

## 2.0 CONCLUSION

Results of Assays indicate that Further sampling with trenches and Diamond Drilling is warranted.

Diamond Drilling to date has been from surface and shallow with results that correspond to grab sampling. It would be worth considering the possibility of drilling from underground in the old workings of the Engineer mine.

Historically, Gold values in the Engineer Mine have been spotty from High Grade values to zero. This could well be the case with the Mickey and Gleaner veins.

## 3.0. RECOMMENDATIONS

Should Financing be found an underground Diamond Drilling Program from the old Engineer workings should be considered.

#### 4.0 INTRODUCTION

##### 4.1. SCOPE OF WORK AND DATES.

The writer was asked to access the Lumsden Group of claims by Keith Lumsden in mid August 1991. Accompanied by Mr. Lumsden and two assistants the writer visited the property from September 3rd to September 8th 1991.

Physical work consisted of trenching and opening up the old adits. This was done by hand with minimal disturbance to the area. The trench leading to the Gleaner Portal was 25m x 2m x 1m.

Sufficient work was done to keep the property in good standing for 1992.

##### 4.2. THE PROPERTY CONSISTS OF REVERTED CROWN GRANTED MINERAL CLAIMS AS FOLLOWS.

<i>NAME OF CLAIM</i>	<i>NO UNITS</i>	<i>TITLE NO</i>
Bonanza R.C.G < 915	1	19388
Rubberneck R.CG <916	1	19389
Mickey RCG < 967	1	19397
Lakeview RCG < 214	1	19398
Taku Chief RCG <240	1	19399
Myosotis RCG <239	1	19400
Hill Fraction RCG <1264	1	298
Smith FR RCG < 4568	1	298
Golden Hope RCG < 1263	1	299
Daisy RCG < 970	1	300

Speculation RCG <967	1	301
Sweepstake*1 RCG < 3283	1	302
Plato < 968	1	2791
Jersey Lily RCG <21	1	19383
Nest Egg RCG < 3292	1	19386
Betsay RCG < 1262	1	19387
Northern Partnership*5 <972	1	19401

## 5.0. HISTORY OF THE PROPERTY

The Lumsden Group surrounds the old Engineer Mine discovered at the turn of the century and produced gold on and off from 1913 - 1952

Mr Lumsden has been prospecting in the area since 1971.

## 6.0 GEOGRAPHY

6.1. LOCATION: The property lies 30 Km west and 5 Km south of Atlin B.C. on the Eastern side of Taku Arm. It is situated at Latitude 59 29' north and Longitude 134 14' west.

National Topographic System maps covering the claims are 104 - m / (E) and 104 - m /9 (E) and the claims are in the Atlin Mining.

District.

6.2 ACCESS: The property is reached by boat or barge from Carcross or float plane from Atlin.

6.3 TOPOGRAPHY: The topography varies from lake level to very

steep slopes above the lake.

## 7.0 REGIONAL GEOLOGY

The Lumsden Group of claims covers Northeast dipping 300 / 30 -40 NE Greywackes, shales slates argillites and tuffs of the Jurassic Labarge group. These sediments have been intruded by andesite dykes and granites.

Specifics about the geology are available in a number of reports (Morgan 1981, McAtee 1980)

## 8.0 RESULTS

### ROCK FRAGMENTS

<i>Sample No</i>	<i>Au ppm</i>	<i>Sample No</i>	<i>Au ppm</i>
5001	0.159	M1	0.133
5002	0.272	M2	0.409
5003	0.028	M3	0.33
5004	0.019	M4	0.246
5005	<0.005	M5	0.700
5006	0.257	M6	0.181
5007	0.362	G001	0.06
5008	1.230	G002	0.077
5009	0.775	G003	1.275
5010	0.139	G004	0.100
5011	0.139	G005	0.028

5012	0.054	G006	0.436
5013	0.060	G007	0.158
5014	0.111	G2002	<0.005
5015	0.022	G2002b	<0.005
5016	0.217	G2003	<0.005
5017	0.798	G2004	0.022
5018	0.036	GW	0.695
5019	< 0.005	V5004	0.074
5020	0.036	V5005	0.175
5021	0.037	V5006	0.038
5022	0.734	V5007	0.614
5023	0.108	V5008	0.335
5024	0.400	V5009	0.051
5025	0.179		
5026	0.035		
5027	0.018		
5028	0.138		
5029	0.087		
5030	0.073		
5031	0.382		
5032	0.139		



## 9.0 EXPENDITURE

*The following list outlines costs incurred to complete this program*

Fuel	\$301.00
EQT. Rental	\$ 368.00
Food	\$ 202.00
Salaries	\$ 1800.00
Barge	\$ 500.00
Assays	<u>\$ 749.52</u>
total	\$ 3920.52


## 10.0 REFERENCES

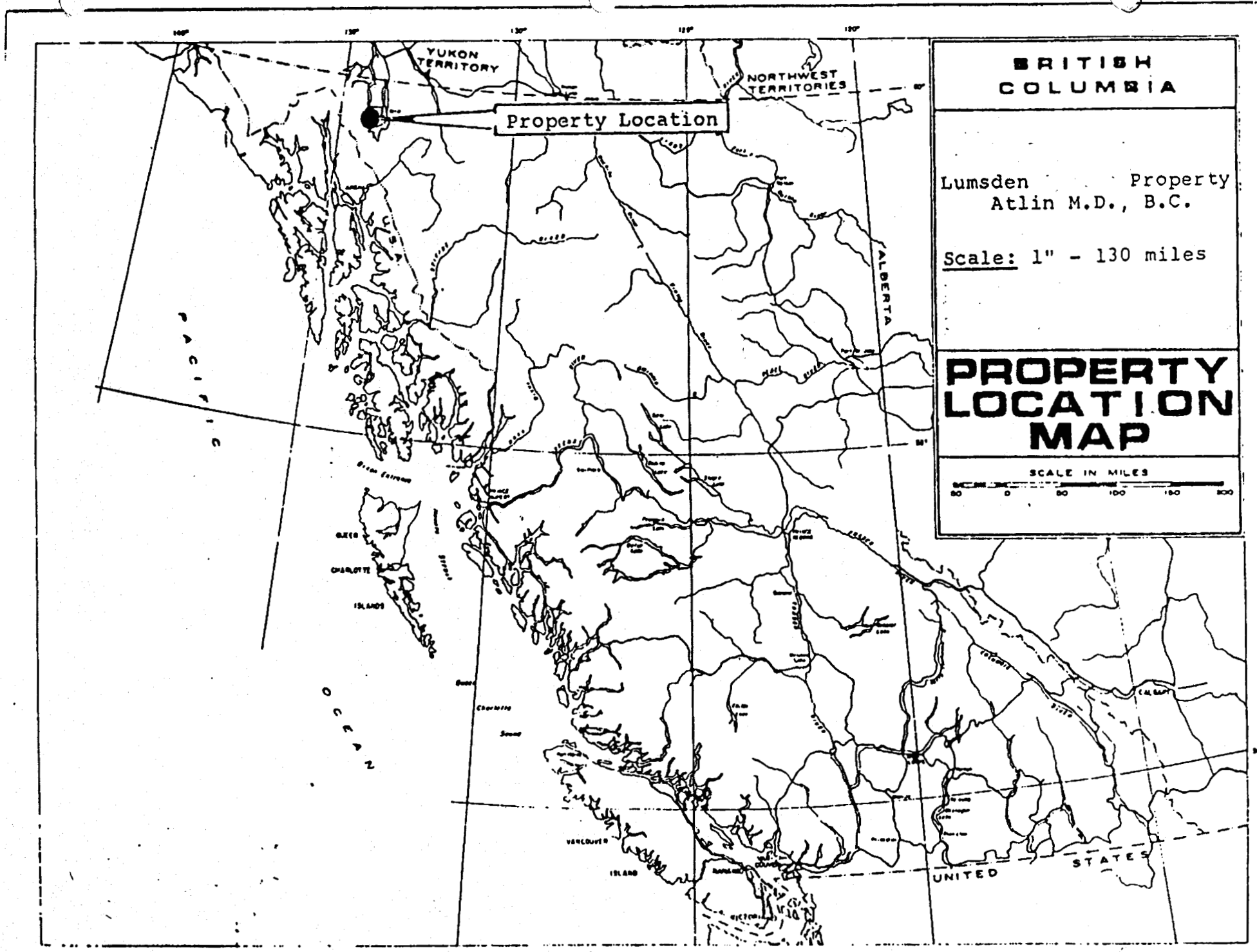
- 10.1 Stevenson, W.G. "Geological Report" (Lumsden Option)  
for Windarra minerals 4 June 1980.
- 10.2 McAtee, C.L. "Geological Report" (Lumsden Option)  
for Windarra minerals 27 Oct. 1980
- 1.0.3 Morgan D.R. "Geological Report" Windarra Minerals  
24 Feb 1981

11.0 CERTIFICATION

I John McLeod of 10 Blanchard Road Whitehorse, Yukon Y1A 4T7 certify.

1. I am a Graduate of the University of Calgary with a Bachelor of Science Degree in Geology.
2. I have practised my profession continuously since 1968
3. I am a member in good standing of the Australasian Institute of Mining & Metallurgy and the American Institute of Mining Metallurgical and Petroleum Engineers.
4. This report is based on my personal examination of the Lumsden claims in September 1991.
5. I have no interest in the property nor in any surrounding properties or companies in the area.

  
Signed            John McLeod  
Date             20 December 1991



Property Location

**BRITISH  
COLUMBIA**

Lumsden Property  
Atlin M.D., B.C.

Scale: 1" - 130 miles

**PROPERTY  
LOCATION  
MAP**

SCALE IN MILES





SHEEP CK

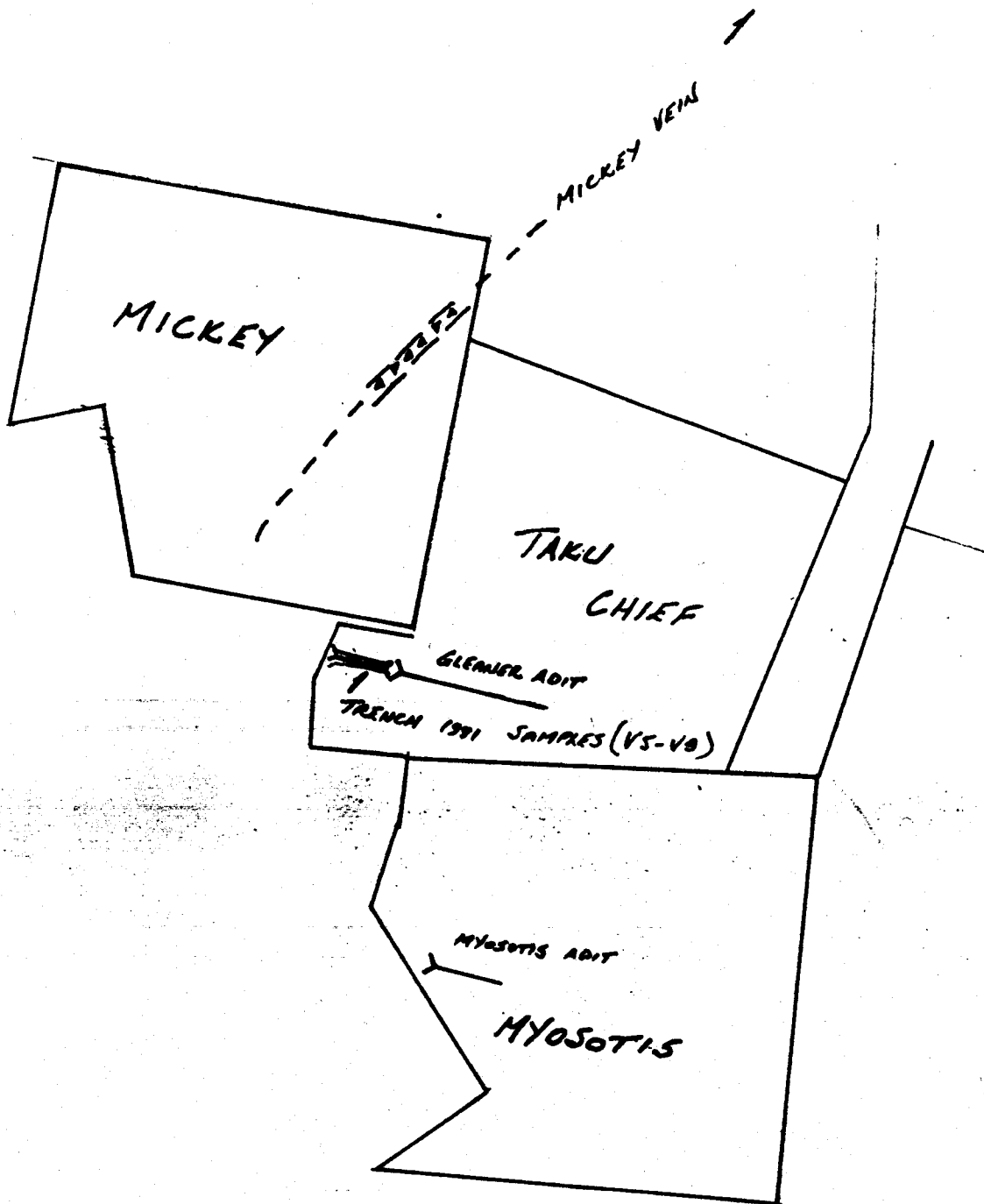
ENGINEER

LUMSDEN GP.

TAGISH LAKE - TAKU ARM.

Shore Line.

LUMSDEN GROUP
ATLIN MINING DISTRICT
<b>PROPERTY MAP</b>
Scale 1 : 2000



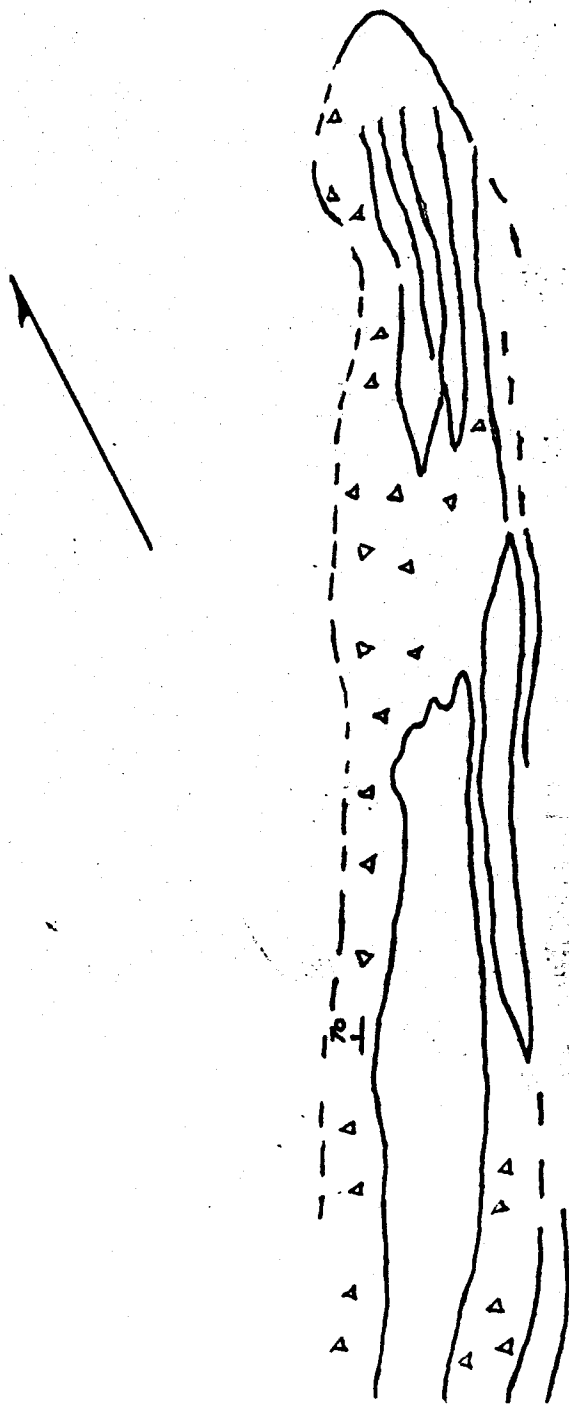
LUMSDEN GROUP

1991 TRENCH GLENER ADIT

DEC 20 1991

J. McL 100 0 ft

S001 SEK Section 8.0.



S001 - S032  
See Section 8

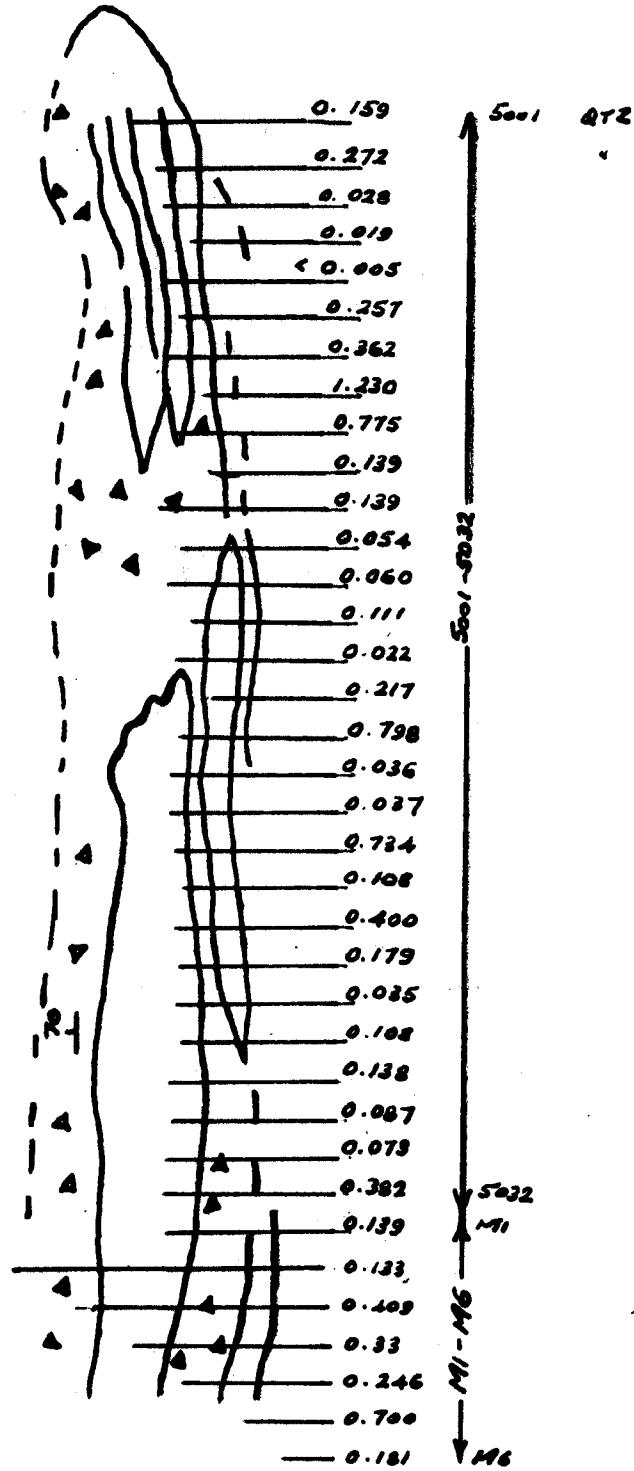
S032.

M1 M2 M3 M4 M5

LUMSDEN GROUP  
MICKEY VEIN PLAN

GOLD ASSAYS from RANDOM  
GRAB SAMPLES

Scale 1:500  
DATE Dec 20 1991

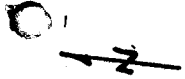


ALL SAMPLES WERE QUARTZ.

MICKY VEIN

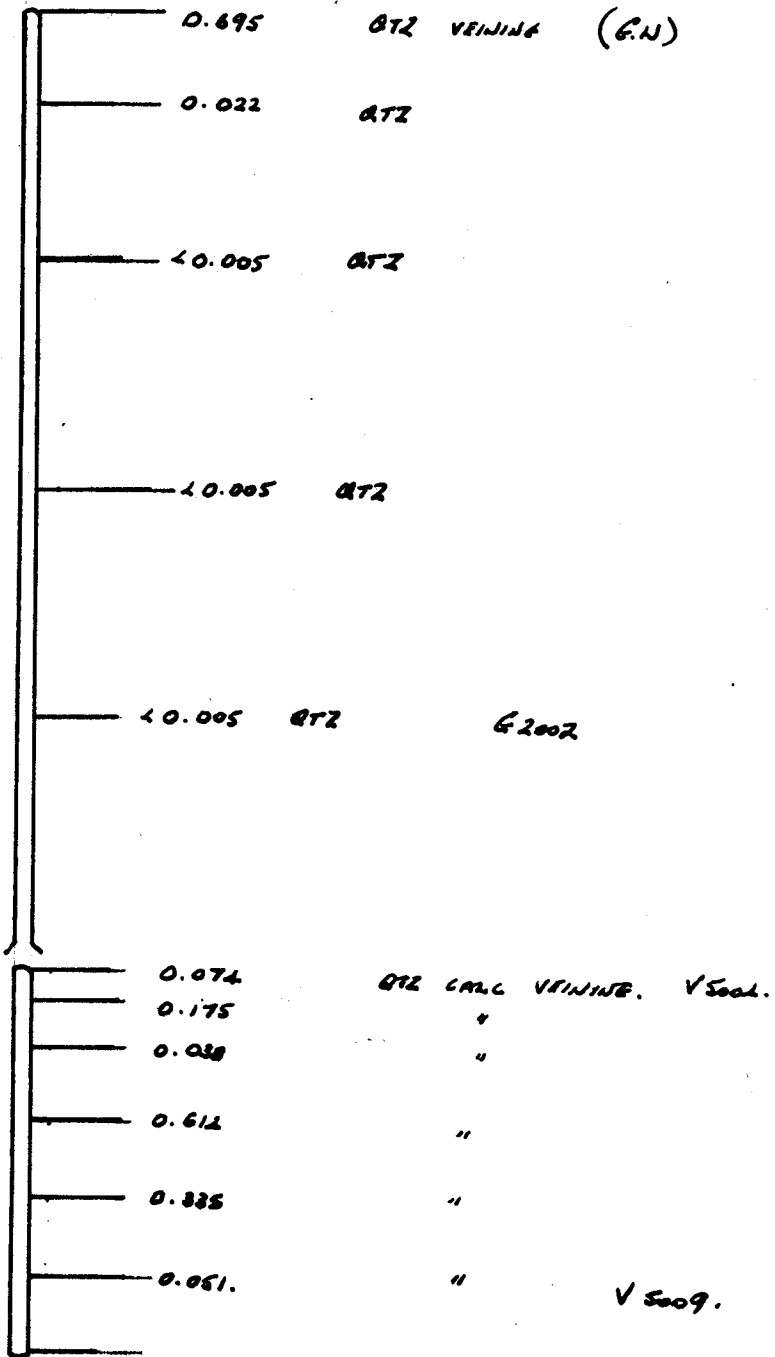
Sample Assays Au ppm

Scale 1:500



GLEASER ADIT →

TRENCH →



TRENCH Samples & GLEASER ADIT Samples

Au ppm

Scale: 1:500.