

REPORT ON
GEOLOGICAL MAPPING

ADVENTURE I CLAIM

82-K/13

Lat 50° 53N Long 117° 45'W

REVELTOKE, M.D.

Lacana Mining Corporation
Vancouver, B.C.

Darrel Johnson
September 26, 1984
GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,851

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SUMMARY:

The ADVENTURF claim was staked in July 1983 by G.H. Rayner, to cover an area described in G.S.C. Memoir 161 as hosting "low but appreciable" gold values. In early July 1984, Lacana Mining conducted a brief programme of geological mapping and sampling in an attempt to confirm these values.

CONCLUSIONS:

Lacana's programme was not successful in discovering any economic gold mineralization. There is some doubt however that the area described in Memoir 161 was in fact the area covered in 1984.

RECOMMENDATIONS:

Further expenditure on this project by Lacana cannot be justified.

INTRODUCTION:Location and Access:

The ADVENTURE claim is situated in a narrow, steep sided valley at the headwaters of Pulley Creek, the south tributary to the Akolkolex River. Access is by helicopter from Revelstoke some 30 km to the N.W.

Terrain is steep and rocky, with elevations ranging from 1500 to 220 metres. The southern and southwestern portions of the claim are glacier covered. Heavy snow cover seriously restricted work in the area in July 1984. Camping on site was impossible, and access to upper slopes was extremely dangerous due to snow slides and large overhanging cornices etc.

Claim Status:

The property consists of one 20 unit claim, ADVENTURE 1 record no. 1607 owned by G.H. Rayner and Associates of West Vancouver, B.C.

History:

The only record of previous prospecting work in the area is found in Memoir 161 by H.C. Gunning, 1929, which refers to four claims, held by the McIntosh brothers. Gold are described as "low but appreciable". No further mention of the area is found until the ADVENTURE claim was staked by Rayner in 1983.

Geology:

Regional geology is shown on G.S.C. Open File 288, Lardeau West half. The general area of upper Pulley Creek is underlain by units of the Mississippian "Index Formation", which is a mixed package of limey and phyllitic sediments and greenstones. General trend is N.W. with considerable discontinuity as a result of folding and faulting.

Property Geology:

The portion of the ADVENTURE claim examined in detail is underlain by alternating bands of grey and brown phyllitic schists; attitude is very consistent throughout; strike 290 to 300°; dip 80 to 85° northerly.

On the north side of the creek are exposed several bands of hematitic iron formations, generally interbedded with ankeritic dolomitic carbonate zones. Both the iron formation and carbonate appear to be conformable to bedding. The main iron zone is approximately 2 m thick, and can be traced about 300 m up the steep face before pinching out. The lower end extends under talus, vegetation and snow cover near the valley bottom.

Perhaps 60 m higher than the valley bottom, a small 5m long adit was found and sampled. This had been driven in the hanging wall immediately above the main iron zone described above. Small erratic lenses of sheary sulphide mineralization near the portal were sampled.

Semi-continuous beds of carbonate rock were noted at several places on the north side of the valley.

Examination of the southern side of the valley was not as thorough as work on the north slope, due to much more rugged terrain and extensive snow cover. No evidence was found, either in float or the limited outcrop examined, of iron formation.

Prominent rusty bluffs were largely inaccessible, but appear to consist essentially of weathered carbonate.

APPENDIX I

STATEMENT OF COSTS

1. Wages:			
D. Johnson, Geologist - 4 days @ 150/day	600.00		
O. Janout, Prospector - 4 days @ 100/day	<u>400.00</u>	\$1,000.00	
2. Support Costs:			
Motel	191.53		
Groceries	<u>120.00</u>	311.53	
3. Helicopter:			<u>1,561.73</u>
	TOTAL COSTS		<u>\$2,873.26</u>

APPENDIX IISAMPLE DATA

<u>Sample No</u>	<u>Description</u>	<u>Au ppb</u>	<u>Ca%</u>	<u>Fe%</u>
064570	Iron formation, 10m below adit - 2 m thick	1	.18	34.24
064571	Carbonate zone, 20 m N.E. of adit - lower section	1	1.48	27.55
064572	Carbonate zone - 20 m N.E. of adit - upper section	1	2.78	25.27
064573	Ankerite wedge, same area as 571, 572	1	23.83	3.31
064574	Iron formation, east of 573	1	.69	28.58
064575	2nd carbonate - iron zone 50m downstream of adit zone - carbonate	1	9.64	7.49
064576	2nd zone, as in 575, iron	2	1.38	25.97
064577	Carbonate zone, 120 m S.W. of adit - 2 m thick	4	9.52	5.52
064578	Adit - Limey sediments	1	1.64	3.79
064579	Adit - Selected pyrite material by portal	5	4.69	14.15
064582	S.E. side of valley - pyr- itic siliceous float	.001	11.14 oz/ton	4.47
064583	Qtz vein with sulphides 20 m east of 582	.003	.43	3.75
064584	S.F. side of valley black, phyllitic float in creek.	.001	.2	2.40
064585	S.E. side, carbonate	.001	5.13	3.76

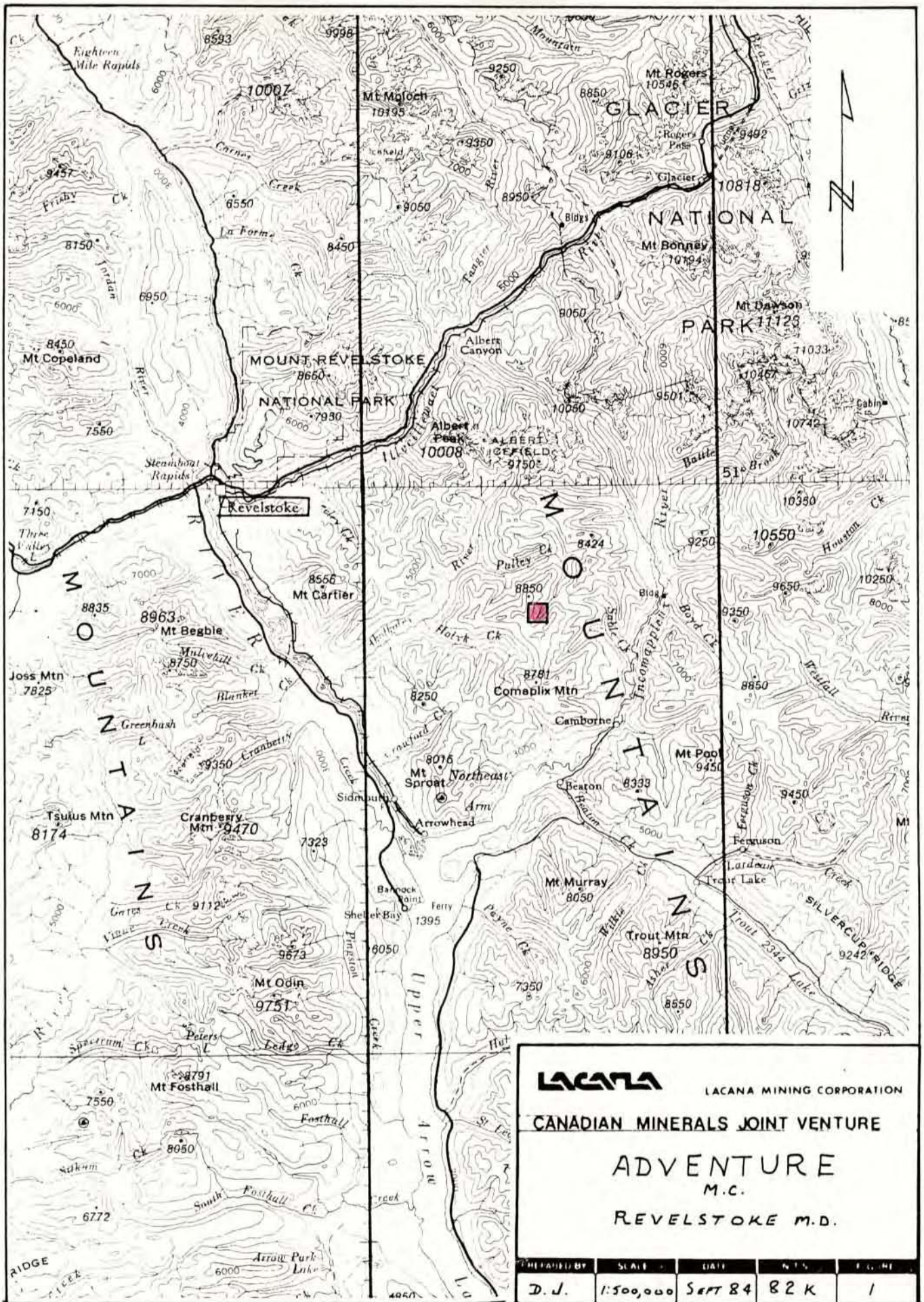
STATEMENT OF QUALIFICATIONS

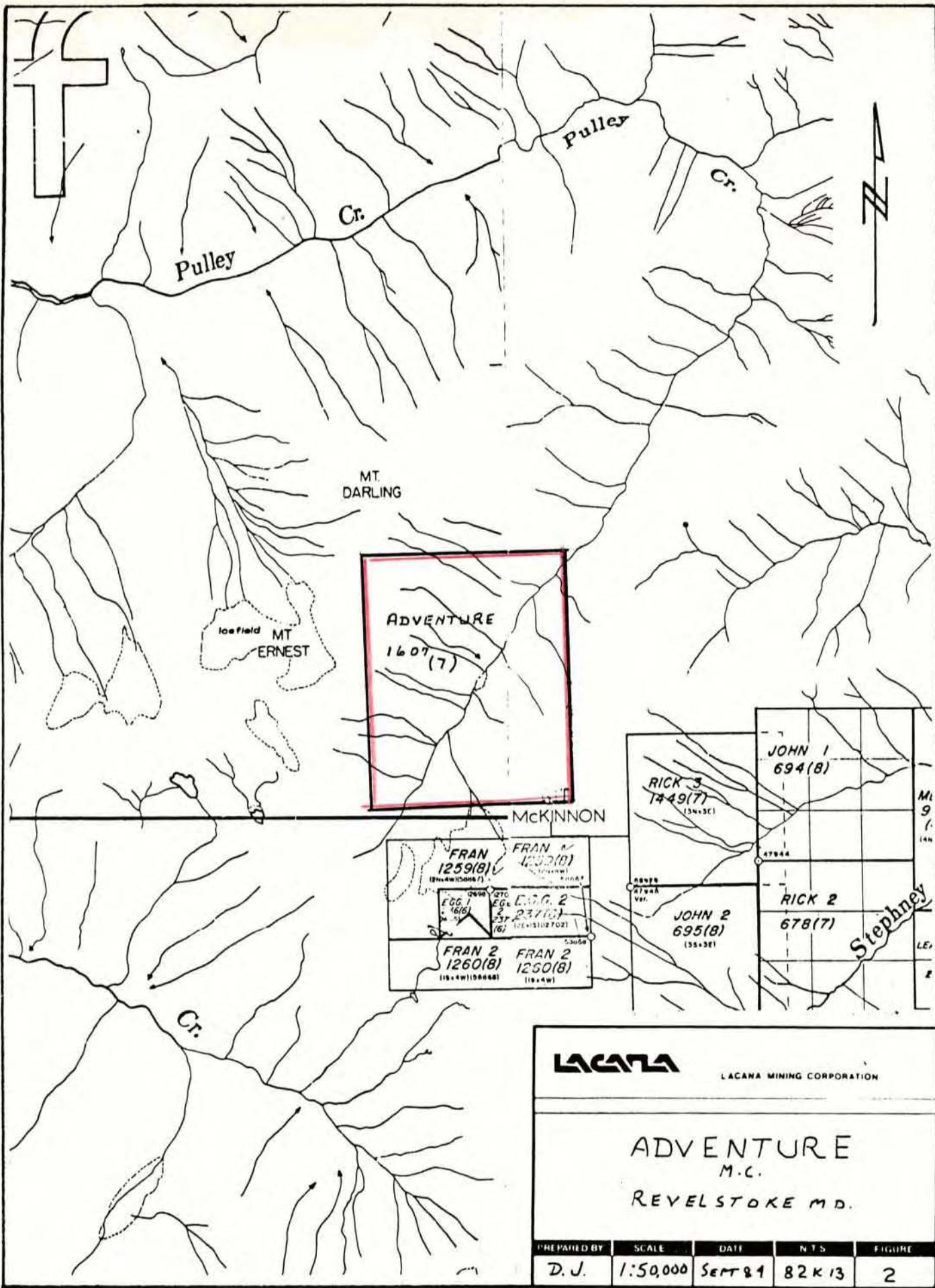
I, Darrel L. Johnson, resident of the District of Coquitlam, B.C., declare that:

1. I hold a BSc degree in geology, granted by the University of British Columbia in 1970;
2. I have worked as an exploration geologist throughout British Columbia since 1970;
3. I have been employed by Lacana Mining Corporation since 1973, as an exploration geologist, and more recently as regional exploration manager;
4. Work described in this report was conducted under my direct personal supervision.

Dated this _____ day of

August 19 77 at Vancouver B.C.
[Signature]



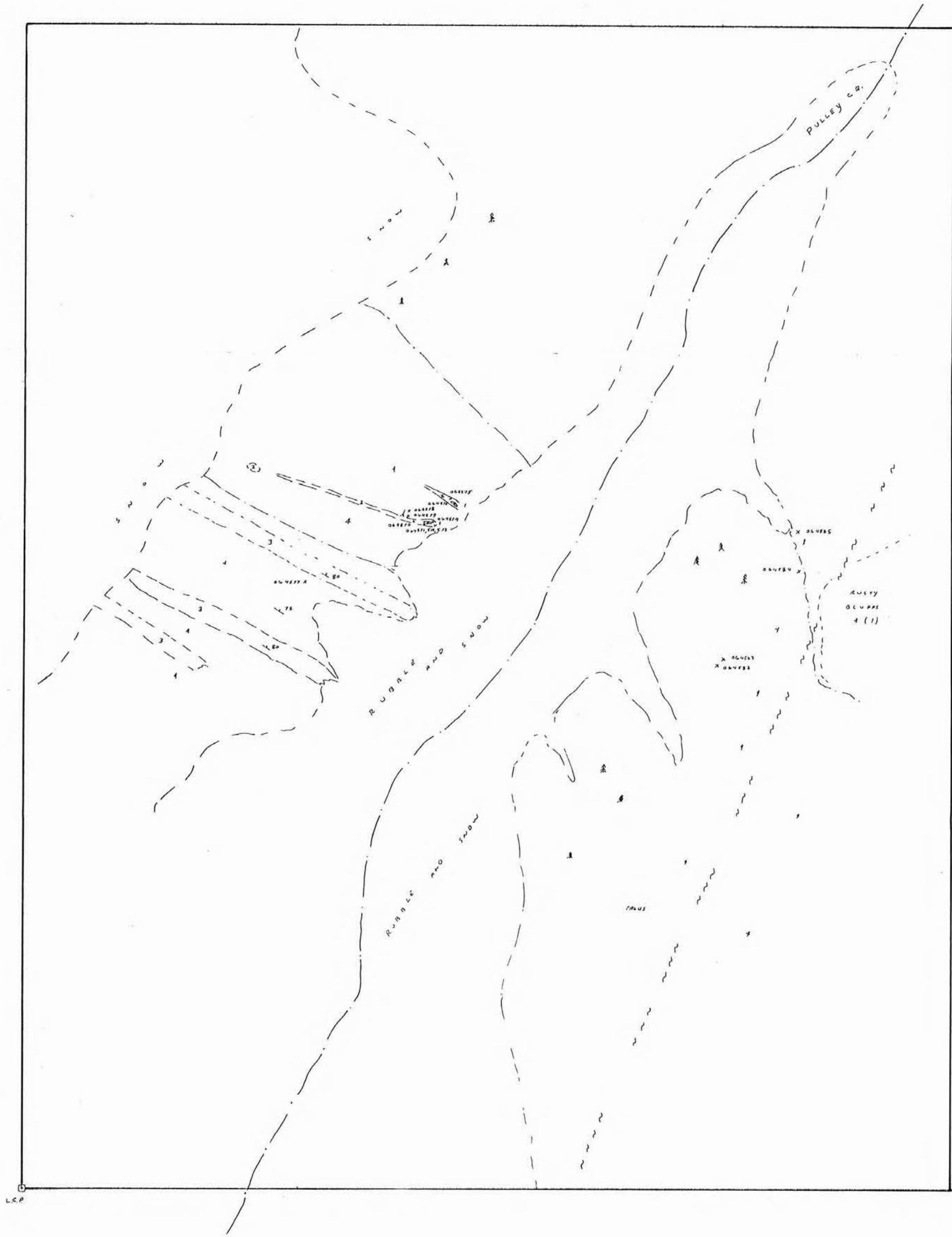


LACANA

LACANA MINING CORPORATION

ADVENTURE
M.C.
REVELSTOKE M.D.

PREPARED BY	SCALE	DATE	NTS	FIGURE
D. J.	1:50,000	SEPT 84	82 K 13	2



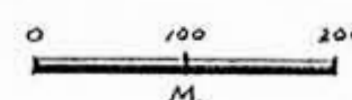
L.C.P.

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- 1 Carbonate
- 2 Hematite Iron Formation
- 3 Phyllite - Grey - Black
- 4 Phyllite - Buff - Brown
- X Sample Site
- f Trees and Scrub Bush

GEOLOGY
AND
SAMPLE SITES



LACMA				
LACMA MINING CORPORATION				
ADVENTURE M.C. REVELSTOCK M.D.				
PREPARED BY	SCALE	DATE	INCHES	FOOTING
D.J.	1:5000	2007 04	82K13	3