

84-1171-13589  
10/85

PROSPECTING AND DRILLING ASSESSMENT REPORT

LUCKY JACK GROUP OF CLAIMS

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,589**

NANAIMO M.D.

M92L/1E

Latitude 50°13'

Longitude 126°07'

June 1 to Oct. 8, 1984

for

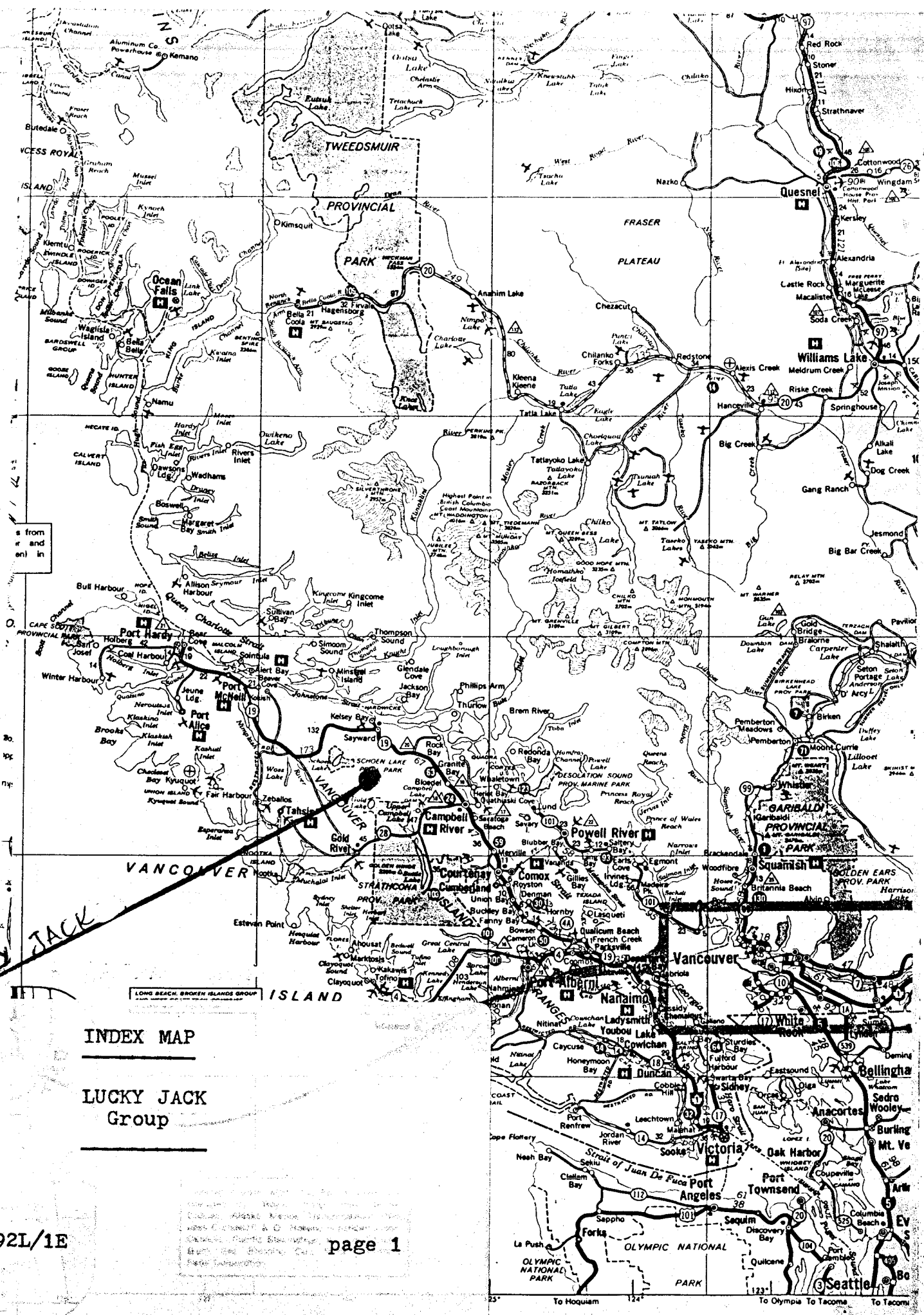
CANAMIN RESOURCES LTD.

Nanaimo, B.C.  
Oct. 10, 1984

E. Specogna  
Free Miner

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**LUCKY JACK**

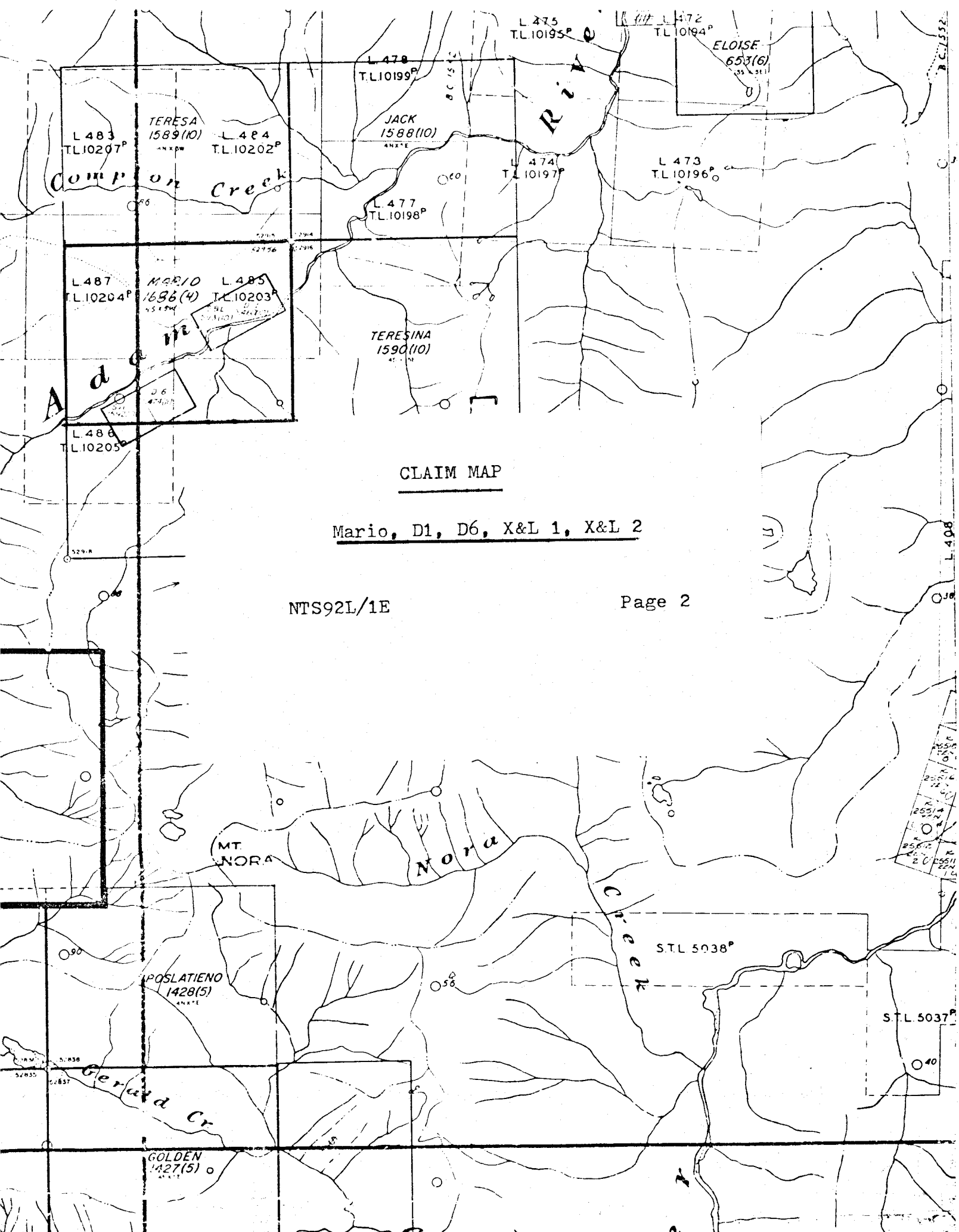
**INDEX MAP**

**LUCKY JACK Group**

NTS 92L/1E

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CLAIM MAP

Mario, D1, D6, X&L 1, X&L 2

NTS92L/1E

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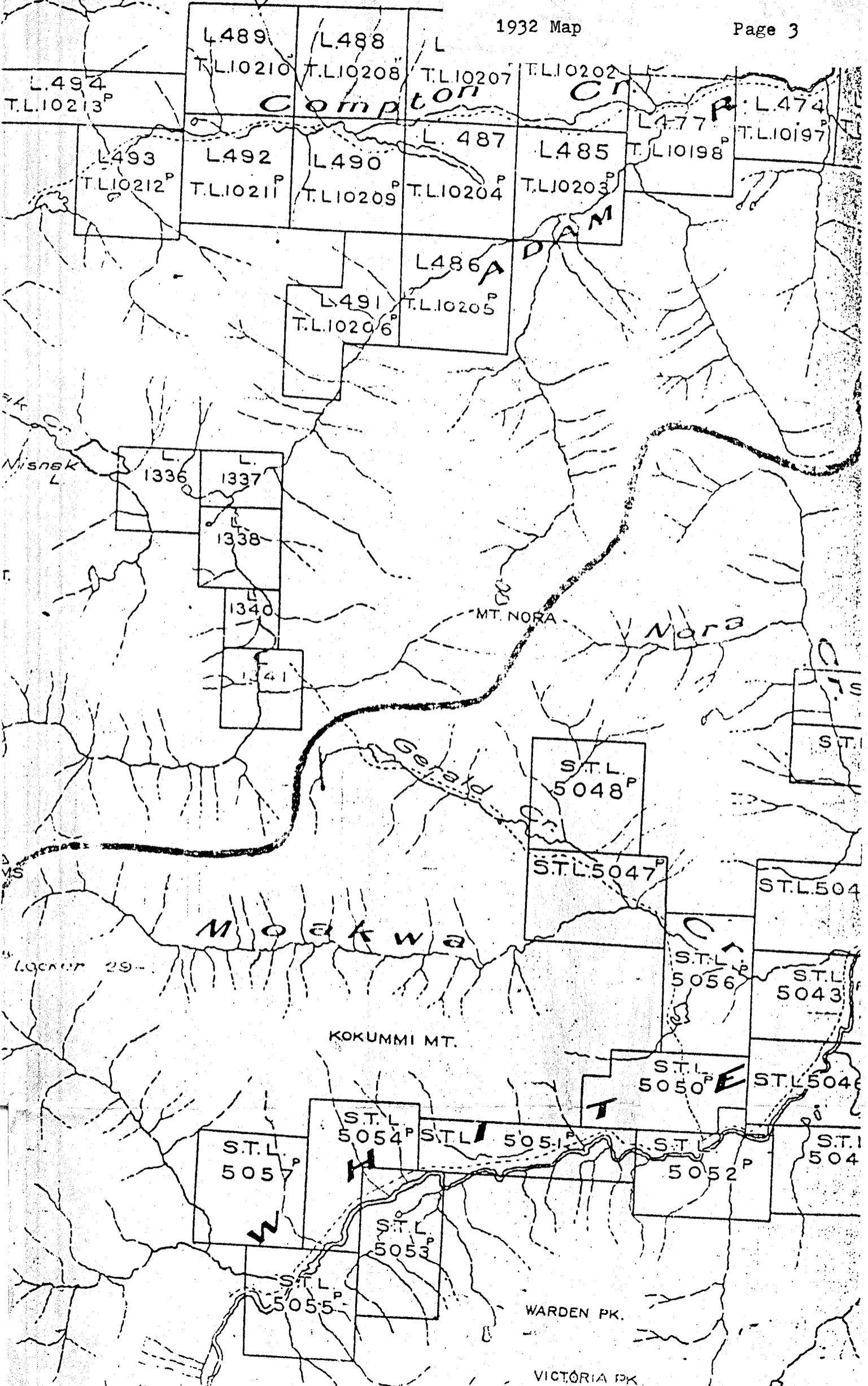
1924

MARIO CLAIM

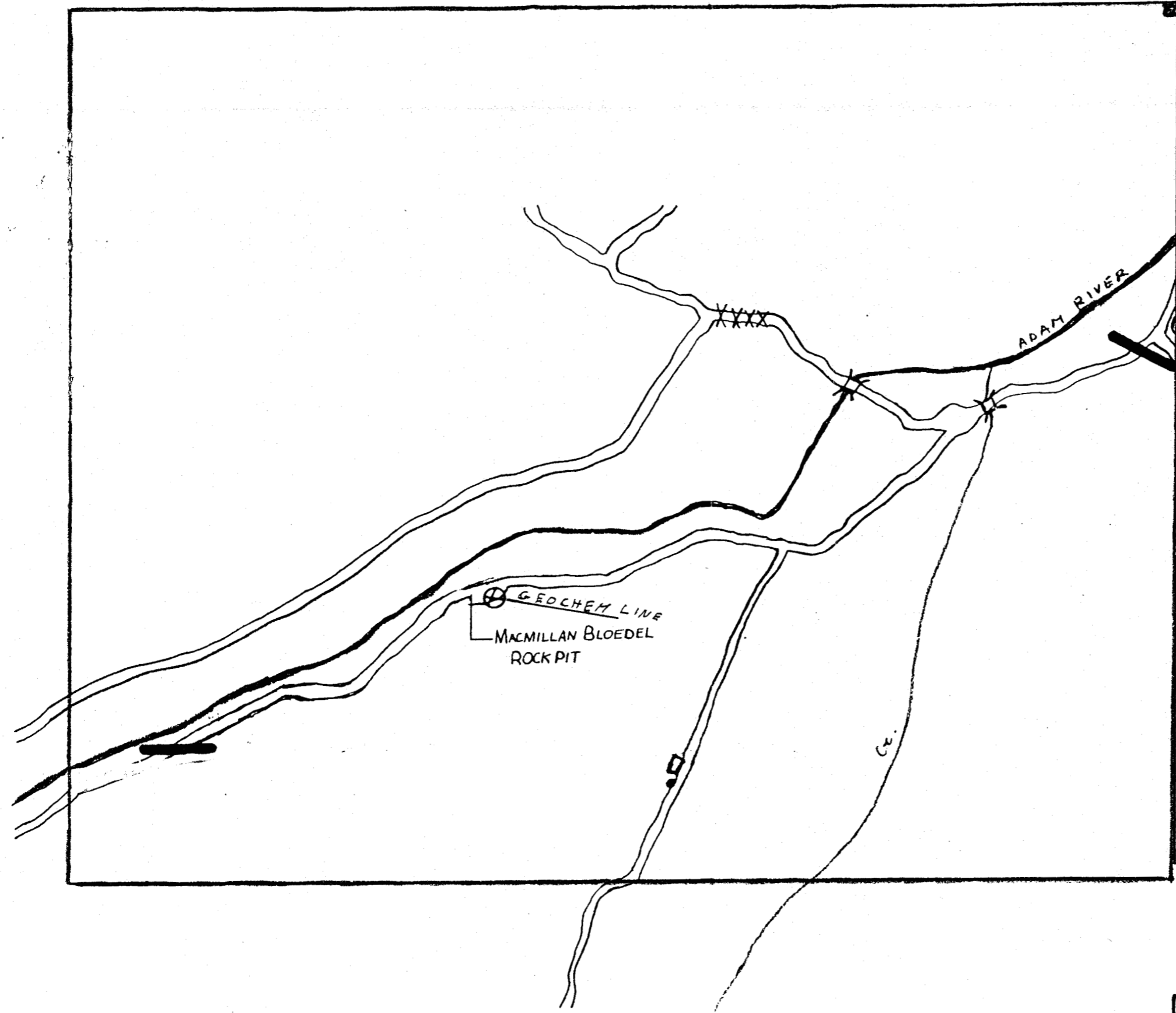
(LUCKY JACK GROUP)

1932 Map

Page 3



MARIO L. C. P.

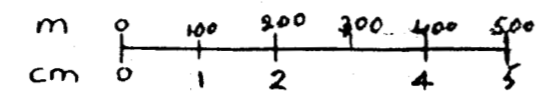


**LEGEND**

- ⊗ MO. CU. QUARTZ VEINLET
- XXX MO. CU. QUARTZ VEINLETS
- FELDSPAR PORPHYRY DIKE
- ⊙ LUCKY JIM SHOWING
- DRILL-HOLE
- ROCK-CUT

CANAMIN RESOURCES LTD

LUCKY JACK GROUP



### INTRODUCTION AND HISTORY

The Lucky Jack Group of Claims consist of four two post claims. The D1, D6, S&L, S&L, optioned from Terry and Doris Kean of Denmen Island, and 20 unit Mario Claim, staked by CanaMin.

The Claim covers the ground believed to be the location of the Lucky Jim (Adam River area), mineral inventory map 92L (M1) No. 1116. However, the writer believes this to be erroneous, as no limestone exposure can be found, Minister of Mines 1918 p. 270-1926 p. 223-1928 p. 378-1929 p. 383. Also a 1932 map of the area shows the trail to Adam River via White River to end approximately two miles to the west of Gerald Lake. The writer also believes that the two trails, one from Kelsey Bay the other from the mouth of Adam River, were never joined, and only show so on recent maps by mistake.

### PROSPECTING

Several days of visual prospecting did not reveal any limestone or intrusive (except for the Phorphyry dikes) in the area. Highly metamorphized and phyrrohtitized karmutsens were observed near the drill hole. A thirty cm. flat ~~lain~~ quartz vein, phyrrohtite and chalcopyrite bearing. Quartz veinlets were observed in a road cut across the east west running creek also in a ditch on the main road across the Adam River, and in the MacMillan Bloedell rock quarry.

### GENERAL GEOLOGY

Except for a few east west striking quartz, feldspar, porphyries and feldspar porphyries all the rocks belong to the Karmutsen Group. Most of them are pillowed with nests of calcite and in lesser amounts, quartz in between.

The last map of the area, Mueller et al, shows several north west and some east west striking faults approximately in the centre of the claim.

### MINERALIZATION

Quartz, pyrrhotite, chalcopyrite and molybdenite are exposed in the MacMillan Bloedell rock quarry and in the ditch across the Adam River. They occur as veinlets up to two inches wide. Quartz is predominant followed by pyrrhotite, chalcopyrite then molybdenite. All the above sulphides occur also in zeolites. Small gypsum veinlets were observed in road ballast obtained from the Mac & Bloe rock quarry.

### GEOCHEMISTRY

Nineteen soil samples were collected at twenty metres interval beginning at the top of the rock quarry, in an easterly direction up the hill. The primary purpose of the soil sampling, whether trace element geochemistry could be used for tracing possible extension of known mineralization. At a later date samples 5-6-7 were recollected at a depth of four feet.



### DRILLING

An eight metre diamond hole was drilled near the flat  
lain quartz vein in order to check its expansion and the  
depth of other small quartz veinlets. A JK S15 was used.  
Five small veinlets were encountered dipping approximately  
eighty degrees. Pyrrhotite, chalcopyrite and few flakes  
of Mo. can be seen in the core. The core is stored at the  
writers place in Nanaimo.

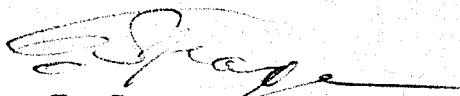
### CONCLUSION

1. B horizon soil samples are slightly enriched in silver  
and mercury.
2. The Mo. and Cu. soil values were disappointing, although  
last year fairly high Mo. and Cu. values were obtained  
at random along the roads.
3. The drill hole revealed fairly close spaced veinlet  
mineralization.

CERTIFICATE OF QUALIFICATION

I, Efrem Specogna, do hereby certify that:

1. I am a practising prospector with residence at 1704 Centenary Dr., Nanaimo, B.C.
2. I have over fifteen years of experience in all phases of mineral exploration.



E. Specogna

Nanaimo, B.C.

ITEMIZED COST

Prospecting, soil sampling and drilling	
two men, ten day @ \$150 per man	\$3000.00
Assays 21 samples x \$20	220.00
5 samples x \$15	75.00
Transportation	
3000 Km x 30¢	900.00
Supplies, explosives and drill rental	500.00
	<hr/>
TOTAL	\$4695.00

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. FOR 24 HOURS 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, Ni, Zn, Sr, Se, Sb, Mo, Ag, Cd, Pb, Hg. DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: SOIL AND ROCK AU ANALYSIS BY AA FROM 10 GRAM SAMPLE. Hg ANALYSE BY FLAMELESS AA.

DATE RECEIVED: JULY 17 1984 DATE REPORT MAILED: *July 24/84* ASSAYER: *H. [Signature]* DEAN TOYE. CERTIFIED B.C. ASSAYER

CANAMIN RES FILE # *54-1-044*

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#	HG
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB	PPB	
0	3	130	1	111	.5	45	92	6784	4.78	12	2	ND	2	18	2	6	3	137	.50	.10	6	58	.66	67	.43	2	5.80	.02	.03	2	5	260
1	3	113	1	74	1.1	34	45	1303	10.20	10	2	ND	2	13	2	5	2	32	.28	.07	2	83	.65	31	1.00	6	6.28	.01	.02	2	5	210
2	1	54	1	37	.4	20	58	3433	2.58	4	2	ND	2	35	1	2	4	31	.04	.07	5	19	.32	62	.28	4	2.18	.01	.03	2	5	200
3	2	91	1	40	.7	22	7	179	9.28	14	2	ND	2	12	2	6	2	31	.28	.07	5	70	.45	23	.77	6	5.92	.02	.01	2	5	220
4	2	111	1	96	.8	46	24	3012	6.87	10	2	ND	2	20	1	6	2	31	.50	.09	2	63	.84	45	.55	7	4.94	.01	.03	2	5	210
5	2	114	3	120	.5	43	42	9217	3.79	8	2	ND	2	18	2	13	2	39	.51	.10	2	58	.51	56	.27	3	6.27	.01	.02	2	15	250
6	1	63	2	28	1.1	11	3	226	8.74	10	2	ND	2	6	1	7	2	35	.22	.06	2	66	.21	10	.71	8	4.78	.01	.01	2	5	260
7	1	99	3	48	.8	26	9	352	8.78	9	2	ND	2	12	1	6	2	38	.29	.07	2	67	.60	26	.81	7	4.79	.01	.01	2	5	240
8	3	91	1	77	1.1	26	125	6096	9.45	12	2	ND	2	12	1	4	2	38	.27	.11	2	73	.58	40	.86	7	4.64	.01	.01	2	5	310
9	1	91	1	44	1.2	19	11	235	10.39	14	2	ND	2	11	1	5	2	39	.27	.06	3	81	.42	25	.95	7	5.14	.01	.03	2	5	240
10	3	86	1	57	1.2	28	14	329	12.57	14	2	ND	2	11	1	2	2	24	.28	.06	2	87	.89	24	1.30	7	4.38	.01	.02	2	5	170
11	3	76	1	34	1.1	11	5	148	14.13	14	2	ND	2	8	1	2	2	44	.19	.06	2	85	.23	15	1.30	7	4.34	.01	.02	2	5	180
13	2	53	1	42	1.2	15	6	830	12.02	12	2	ND	2	15	1	2	2	42	.51	.06	4	85	.31	28	1.23	9	2.77	.01	.01	2	5	170
14	3	49	2	29	1.2	12	5	129	11.45	11	2	ND	2	7	2	2	2	25	.20	.06	6	104	.39	15	1.30	3	3.63	.01	.01	2	5	190
15	3	54	1	48	1.1	18	8	233	14.25	14	2	ND	2	8	2	2	2	48	.22	.07	9	107	.46	20	1.60	2	3.47	.01	.02	2	5	180
16	2	80	1	50	.9	22	11	184	13.55	12	2	ND	2	7	2	2	2	40	.18	.07	8	108	.38	22	1.31	9	5.01	.01	.01	2	5	230
18	1	122	1	50	.8	28	13	343	12.95	13	2	ND	2	11	2	2	2	39	.23	.09	12	101	.70	22	1.06	11	5.89	.01	.02	2	5	350
19	1	146	1	72	.7	47	24	517	12.23	16	2	ND	2	12	2	3	2	34	.22	.10	10	113	1.13	23	1.19	6	6.56	.01	.01	2	5	370
20	137	29	1	32	.1	5	2	134	7.96	4	2	ND	2	4	1	3	2	38	.07	.10	6	21	.17	48	.13	7	1.83	.01	.01	2	5	70
24	2	147	20	82	.1	37	16	466	3.42	15	2	ND	2	63	1	5	2	34	.36	.08	5	48	.87	169	.26	2	3.37	.04	.03	2	15	50
21 ROCK	32	1388	21104	34334	175.3	22	12	997	14.40	1777	2	ND	5	27	233	118	2	13	.04	.04	4	2	.45	27	.81	7	.78	.01	.08	2	5140	570
22 ROCK	6	720	269	180	1.4	21	50	238	20.18	31	2	ND	2	8	4	2	2	32	.50	.05	2	2	.30	10	.82	8	.81	.01	.01	2	5	10
23 ROCK	9	637	21	133	.1	26	74	125	27.21	20	5	ND	2	1	5	2	2	31	.19	.04	2	1	.14	3	.81	2	.16	.01	.01	2	5	5
STD S-1/AU/HG	28	129	121	194	35.5	160	85	495	3.15	127	103	37	227	134	91	94	96	63	.56	.14	132	66	.58	129	.89	177	1.50	.25	.21	69	510	50

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIBESTED WITH 3ML 3-1-3 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: SOIL AU\* ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: AUG 27 1984 DATE REPORT MAILED: *Aug 31/84* ASSAYER: *N. J. J.* DEAN TOYE, CERTIFIED B.C. ASSAYER

CANAMIN FILE # 84-2316A

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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*	HG
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB	PPB	
L0-1	1	40	9	31	.7	7	4	237	5.37	7	5	ND	2	16	1	2	2	104	.12	.06	4	20	.32	21	.22	8	2.95	.01	.02	2	15	350
L0-2	1	42	13	46	1.0	12	7	280	7.93	2	5	ND	2	13	1	2	2	135	.13	.05	5	34	.70	26	.41	5	3.70	.01	.03	2	5	150
L0-3	2	63	16	66	.8	14	7	442	7.21	18	5	ND	2	13	1	2	2	114	.11	.11	6	24	.60	41	.35	8	3.32	.01	.04	2	5	100
L0-4	3	30	13	31	1.0	6	4	132	4.74	14	5	ND	2	10	1	2	2	131	.08	.06	4	18	.20	39	.22	5	1.65	.01	.02	2	5	110
L0-5	1	31	16	53	.7	20	9	465	6.00	4	5	ND	2	21	1	2	2	152	.30	.07	3	53	.82	45	.34	8	2.55	.01	.03	2	5	80
L2-1	2	32	18	42	.5	6	4	237	5.75	7	5	ND	2	10	1	2	2	125	.08	.08	4	20	.42	35	.26	4	2.62	.01	.03	2	5	200
L2-2	1	57	10	38	.6	11	14	420	3.02	4	5	ND	2	8	1	2	2	48	.10	.06	3	21	.41	34	.14	4	2.55	.01	.02	2	180	150
L2-3	2	67	13	87	.9	24	12	435	5.91	14	5	ND	2	26	1	2	2	95	.32	.05	4	35	.99	50	.31	7	3.11	.01	.02	2	5	90
L2-4	2	30	11	46	1.0	15	8	248	6.56	2	5	ND	2	19	1	2	2	177	.37	.06	4	43	.61	35	.40	6	2.61	.01	.03	2	5	90
L2-5	1	40	13	67	1.1	17	10	360	6.36	4	5	ND	2	53	1	2	3	168	.29	.06	3	39	.99	48	.49	6	3.16	.01	.04	2	5	80
B-1	1	171	10	76	.8	45	26	709	4.75	2	5	ND	2	58	1	2	2	122	.67	.14	5	120	1.91	62	.22	18	4.95	.01	.08	2	5	160
B-2	1	50	8	130	.3	58	30	2856	5.87	6	5	ND	2	17	1	2	2	85	2.12	.15	16	58	.99	182	.01	12	1.67	.01	.13	2	5	40
B-3	1	87	9	44	.4	18	7	281	5.47	4	5	ND	2	21	1	2	3	117	.19	.25	2	111	.67	24	.25	6	8.03	.01	.03	2	5	170
B-5C	2	119	12	100	.8	44	28	4490	4.95	2	5	ND	2	13	1	2	3	136	.33	.07	4	68	.59	37	.37	5	6.17	.01	.01	2	5	180
B-6C	2	112	5	56	1.4	28	14	268	7.89	5	5	ND	2	11	1	2	5	263	.24	.07	3	82	.56	20	.76	7	6.01	.01	.01	2	5	320
B-7C	3	119	4	40	1.3	20	11	200	9.15	4	5	ND	2	13	1	2	7	306	.28	.06	3	69	.60	28	.86	6	4.52	.01	.01	2	5	200
B-8	1	112	10	107	.4	35	22	1322	4.44	3	5	ND	2	55	1	10	2	110	.72	.12	7	47	1.71	114	.15	7	2.36	.01	.09	2	5	2500
B-9	1	68	13	123	.1	25	24	2016	5.02	4	5	ND	2	55	1	4	2	81	.84	.23	9	23	1.22	236	.04	10	2.28	.01	.07	2	5	850
B-10	2	164	7	75	.5	49	17	692	4.03	43	5	ND	2	57	1	2	2	125	1.22	.08	3	70	1.39	145	.23	7	2.79	.04	.05	2	5	80
B-11	2	163	2	62	.5	47	15	425	4.00	39	5	ND	2	48	1	2	2	129	1.06	.07	3	63	1.29	146	.24	7	2.45	.04	.05	2	5	40
B-12	3	49	9	51	.3	19	13	623	3.64	32	5	ND	2	73	1	2	2	68	1.66	.08	5	20	.59	229	.14	5	2.88	.01	.04	2	10	30
B-13	1	247	3	92	.6	49	17	311	3.32	4	5	ND	2	53	1	2	2	91	1.64	.07	3	55	.94	108	.35	6	2.30	.03	.02	2	5	5
B-14	1	144	15	85	.4	28	14	449	3.95	7	5	ND	2	74	1	2	2	88	1.60	.06	3	33	.94	153	.24	5	2.96	.02	.03	2	5	10
B-15	2	116	8	108	.4	42	17	605	4.79	53	5	ND	2	59	1	2	2	121	1.44	.06	4	47	1.36	147	.21	5	3.12	.01	.03	2	5	30
B-16	1	143	1	89	.8	78	18	453	3.71	4	5	ND	2	48	1	2	2	92	1.47	.05	2	128	1.84	14	.40	9	2.70	.01	.01	2	15	180
B-17	2	148	16	102	.3	37	14	319	2.99	7	5	ND	2	69	1	2	2	83	1.77	.06	3	50	.91	151	.29	6	2.78	.02	.02	2	35	30
B-18	2	167	14	117	.5	40	15	314	3.02	12	5	ND	2	68	1	2	2	82	1.93	.06	3	54	.95	140	.29	6	2.67	.02	.02	2	145	20
B-19	2	178	16	131	.6	42	15	334	3.09	11	5	ND	2	76	1	2	2	87	2.19	.07	2	56	.99	168	.31	6	3.17	.02	.03	2	5	30
B-20	1	91	14	132	.2	21	13	534	2.70	3	5	ND	2	87	1	2	2	76	1.65	.07	3	26	.90	230	.16	4	2.86	.01	.03	2	120	40
B-21	2	156	7	74	.4	47	16	387	3.40	5	5	ND	2	61	1	2	7	93	1.48	.06	3	63	1.14	172	.36	3	2.74	.02	.03	2	5	56
B-22	1	97	9	102	.4	31	29	1709	4.14	2	5	ND	2	57	1	3	2	75	.84	.19	8	32	1.37	211	.06	9	2.61	.01	.08	2	5	680
STD C/AU 0.5	18	63	42	125	7.2	79	29	1059	3.82	41	18	7	40	49	18	13	19	56	.44	.12	21	58	.88	177	.07	40	1.64	.02	12	16	510	1400

*VIOLATE AT EAST*

*check on Lucky Jim*

*hook*

*hook*

ACME ANALYTICAL LABORATORIES LTD.  
852 E. HASTINGS, VANCOUVER B.C.  
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED JULY 17 1984

DATE REPORTS MAILED

*July 24/84*

### ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PULVERIZED TO -100 MESH.  
AG & AU BY FIRE ASSAY

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

CANAMIN RES. FILE# 84-1604B

PAGE# 1

SAMPLE	AG** OZ/T	AU** OZ/T
G-1	.02	.001
G-2	.15	.001
G-3	.09	.001
<del>G-4</del>	<del>.01</del>	<del>.001</del>
G-5	.01	.001
<del>G-6</del>	<del>.01</del>	<del>.001</del>

