GEOCHEMICAL-GEOPHYSICAL ASSESSMENT REPORT ON THE SURPRISE AND WO6 CLAIMS (LEO 2 GROUP)

NANAIMO M. D.

92F/1W

Latitude 49°06'

Longitude 124°25'

Decmeber 17-28, 1983

for

CANAMIN RESOURCES LTD.

Vancouver, B. C.
January, 1984

S. Zastavnikovich
Geochemist/consultant

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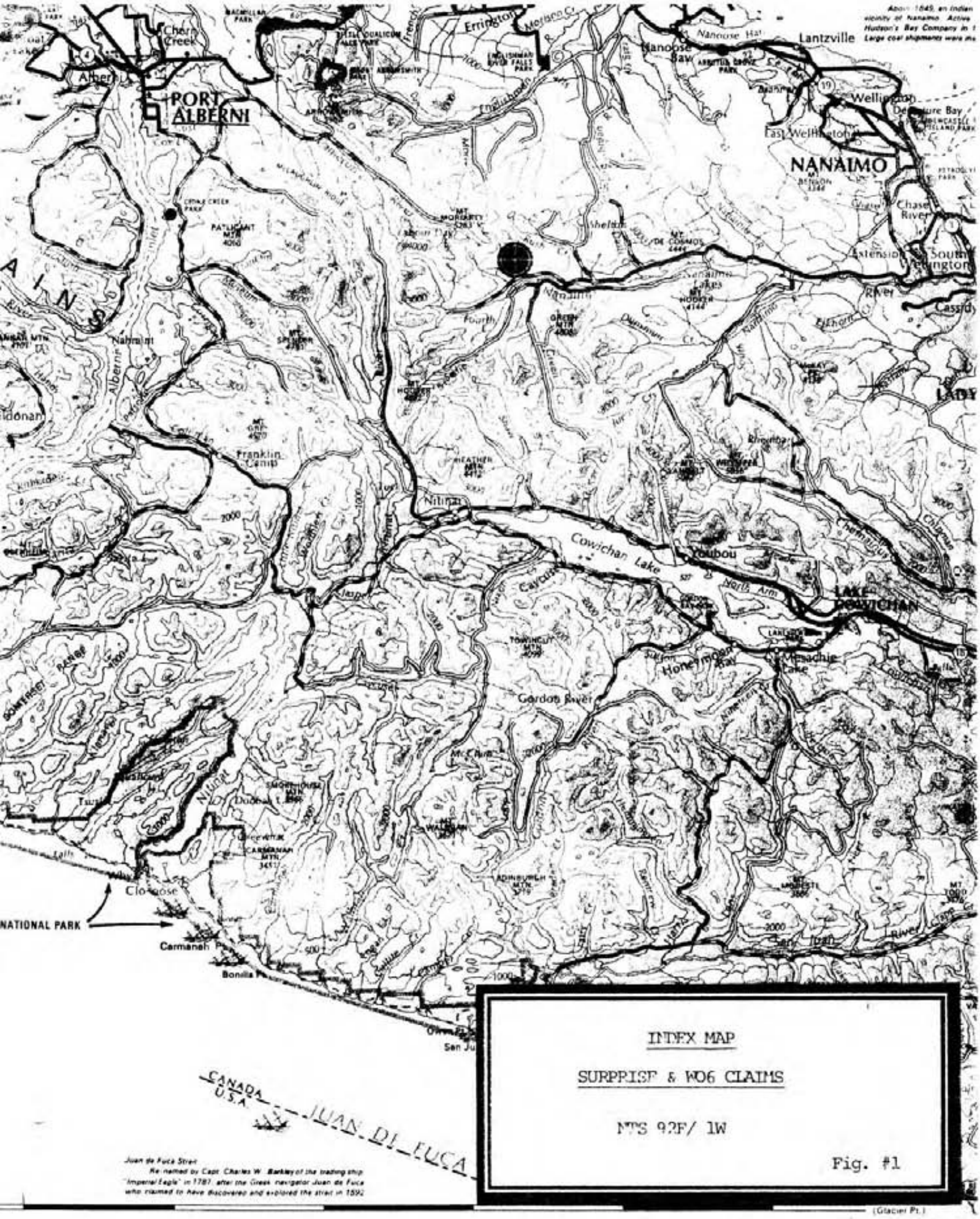
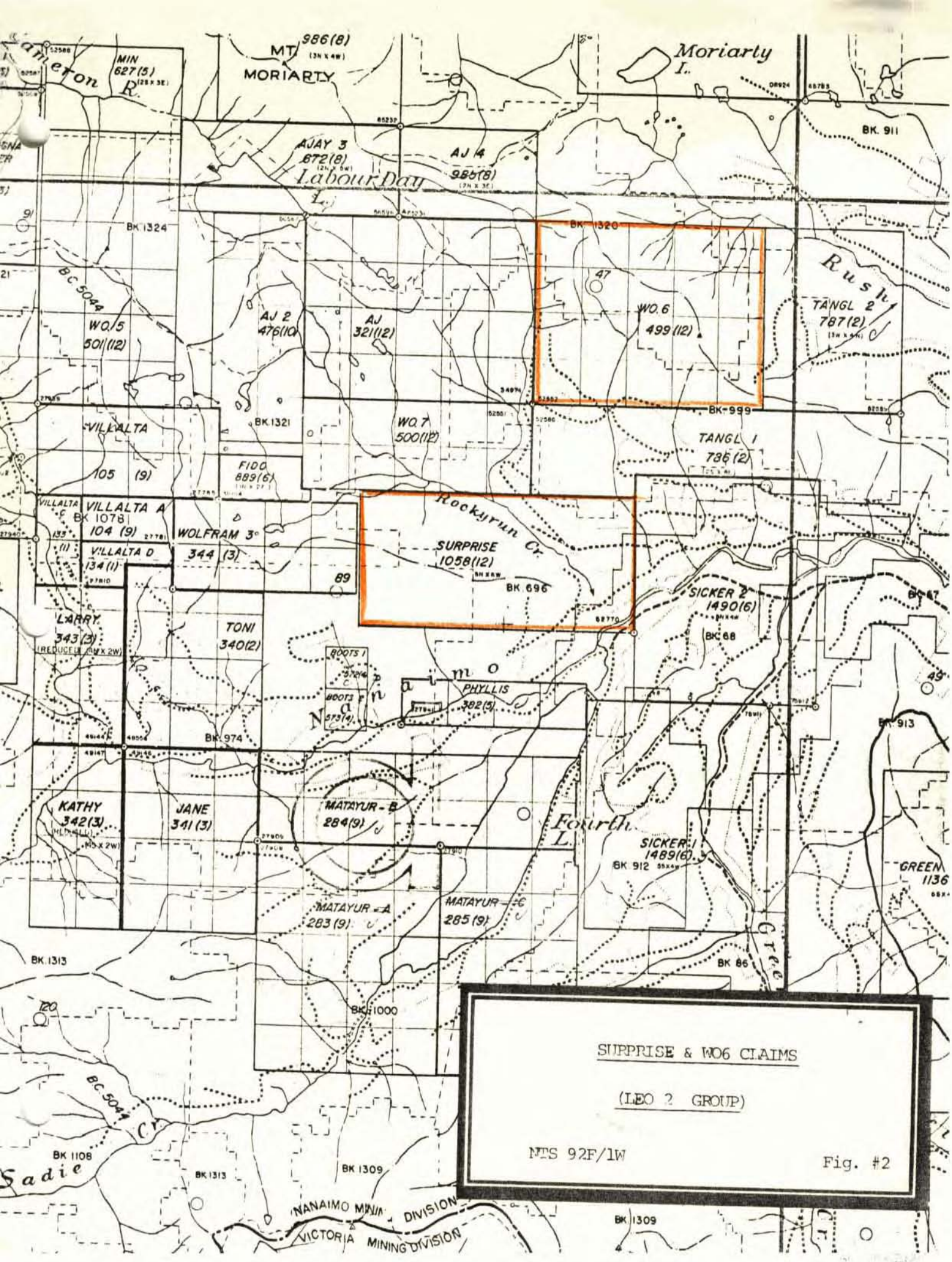


INDEX MAP

SURPRISE & WO6 CLAIMS

NTS 92F/ 1W

Fig. #1



SUPPRISE & WO6 CLAIMS

(LEO 2 GROUP)

NTS 92F/1W

Fig. #2

GEOCHEMICAL-GEOPHYSICAL ASSESSMENT REPORT ON THE

SURPRISE & WO6 Claims, Vancouver I.

INTRODUCTION & DESCRIPTION

The Surprise and WO6 claims, consisting of 18 and 20 units respectively, belong to the 'LEO 2' Claim Group, located on lower Rockyrun Creek, 8 km. SE from Labour Day Lake in south-central Vancouver Island in the Nanaimo M. D., as shown on the enclosed Index and Claim Maps, Figs. 1 & 2. Access to the claims area is along the Nanaimo Lakes logging road, or by hilicopter some 35 air-km. west of Nanaimo.

The WO6 claim was staked on Dec. 11, 1979 and the Surprise claim on Nov. 29, 1981, both by Mr. E. Specogna for Canamin Resources Ltd., and are presnetly being optioned to Falconbridge Ltd. As described on the enclosed Statement of Exploration and Development, and illustrated on the 1:10,000 scale topographical map (in pocket), a geochemical soil sampling program and a geophysical EM-VLF survey were carried out by Mr. Specogna and an assistant in Dec. 1983 in the vicinity of some copper-bearing shears in the south-central portion of the LEO 2 claim group.

While the showing itself was investigated last year by limited packsack drilling (see Surprise Claim Assessment Report by P. W. Convoy, Jan. 1983), the present surverys were conducted in hope of locating the immediate extensions of the mineralization under heavily covered overburden.

GENERAL GEOLOGY

As shown on the enclosed 1:10,000 scale map, the Surprise and WO 6 claims are located over the Triassic Vancouver Group Karmutsen volcanics in the northern portion, and in the south over mid-Jurassic Island Intrusions, consisting mainly of granodiorites, monzonites and tonalites. According to the most recent regional 'Geology of Vancouver Island' map by J. E. Muller (GSC-O.F. 463), a north-south trending Band of Paleozoic Sicker Group limestone tuff, and sediments, skirts the claim group to the east. Several kilometers to the northwest, sediments of the Cretaceous Nanaimo Group are intruded by Tertiary 'Catface' intrusions, which are ever important for possible gold mineralization on Vancouver Island.

Numerous north-westerly and north-easterly faults transect the area, with the older rocks exposed in faulted sections.

GEOCHEMICAL SURVEY

A total of 54 'B' horizon soil samples were collected along three logging road extensions in the general vicinity of some malachite-stained shear zones discovered in a road cut.

The soil sample numbers and their locations are plotted on the 1:10,000 scale topographical map included in this report (Fig. 4, in pocket), on which are also inscribed the more useful analytical trace element values for Mo, Cu, Pb, Zn, Ag, Ni, Co, As, Hg, and Au.

The samples were sent to ACME Analytical Laboratories Ltd. at 852 E, Hastings St., Vancouver, to be dried in gas fired ovens and the -80 Mesh fraction retained for multielement ICP analysis. The analytical procedures consist of digesting a .5 gram -80 Mesh sample fraction with 3 ml. of 3:1:3 HCL/HNO_3/H_2O mixture at 90°C for 1 hour, then diluting to 10 mls. with water, and using an aliqot for the 30 element ICP trace element analysis. Gold is analyzed by Atomic Absorption using a 10 gram samples. Mercury is analyzed by the Hatch & Ott flameless AA method. Complete analytical results are enclosed at the back of the report.

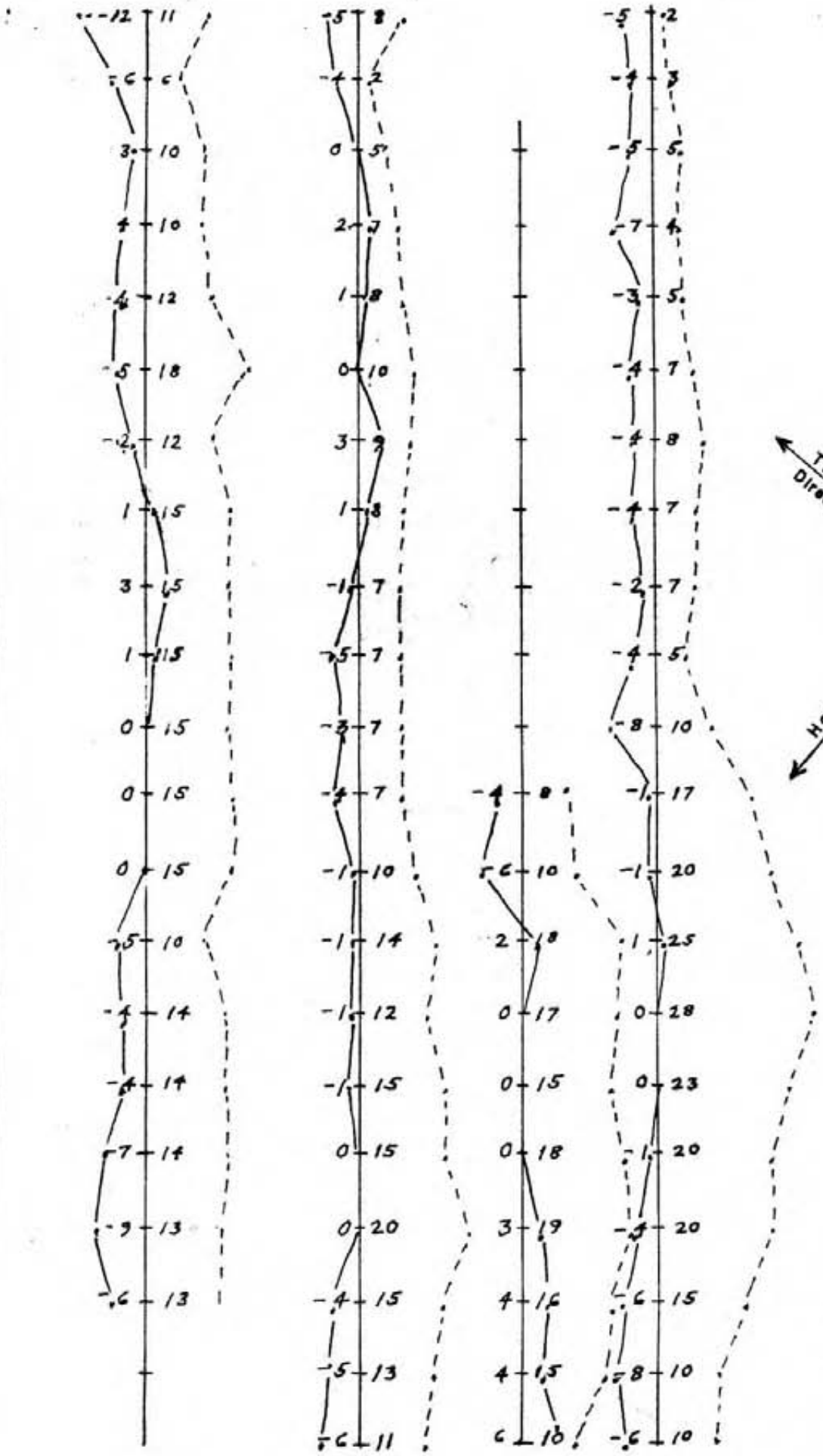
The primary purpose of the soil sampling survey was to dtermine wheather trace element geochemistry could be used for tracing possible extensions of known miniralization under heavy vegetation-covered overburden. Three available logging road spurs in the vicinity of previously discovered minor copper mineralization in roadside shears were sampled on the average at 50 ms. intervals. Highly anomalous copper values were obtained, ranging up to 893 ppm., particularly in the uppermost roadcut, some 200 m upslope from the known Cu-bearing shear zones. Other trace elements, while complementary, are only mildly enriched. A single highly anomalous 405 ppb. Au gold value, located next to the highest copper sample has elevated nickel trace element content associated with it, perhaps due to a gold-enriched basic dyke.

Due to the preliminary nature of the soil sampling survey only partial interpretation of the anlytical results is possible. In general, molybdenum values are dispersed downslope, while arsenic is more concentrated in proximity to the postulated fault zones. Mercury can also be expected to reflect structural features, while lead concentrations are too low to be a useful indicator.

Additional soil sampling done on a regular grid system at a predetermined sample density, is necessary to extract the full potential of this geochemical method in locating overburden-covered mineralization in the claims area.

GEOPHYSICAL SURVEY

The complete results of the geophysical EM16-VLF survey are presented on the 1:10,000 topo map, (Fig 4, in pocket). Detailed readings taken near the mineralized shear zones are presented overleaf at a scale of 1:2,000 as Fig. 3. No major anomalies are discernable from the results obtained in this survey.



LEGEND

IN. PHASE

QUADRATURE

E.M.16 PROFILE

VLF HAWAII 23·4

SCALE. 1:2·000

0 50m

FIG. NO.: 3

CONCLUSIONS

1.- 'B' horizon soil samples are mildly enriched in several trace elements in the vicinity of the known copper-bearing minor shear zones in intrusive rocks on the 'Leo 2' group of claims.

2.- Similar and stronger enrichments exist, particularly in copper and gold, upslope from the known shears, suggesting the likelyhook of undiscovered mineralization.

3.- Additional soil sampling, done on a rectangular grid system at a predetermined sample density, is necessary to maximize the potential of this geochemical method in locating possible mineralization under the heavily-covered overburden in the claims area.

4.- No distinct conductors were revealed by the EM-VLF survey.

APPENDICES I, II, & III

Appendix I.

ITEMIZED COST

Geochemical Soil Sampling		
Labor 2 X 3 X 350		$1050.00
Transportation		120.00
Supply		50.00
Assay		688.50
Report		350.00
	TOTAL	$2258.50
Geophysical Survey		
Labor 2 X 4 X 300		$1200.00
Transportation		200.00
Supply		40.00
Instrument Rental		300.00
Report		600.00
	Total	$2340.00
	Grand Total	$4598.50

Appendix II.

STATEMENT OF QUALIFICATIONS

I.- Sam Zastavnikovich, do hereby certify that:

1. I am a graduate of the University of Alberta with the Degree of B. Ed. in Physical Sciences, 1969.

2. I have been a practicing exploration geochemist with Falconbridge Ltd. of Toronto and Vancouver for thirteen continuous years as:

   1969-1975: Field geochemist, international.
   1975-1979: Project geologist-geochemist, B. C.
   1979-1982: Exploration geochemist, worldwide, where I was engaged in all aspects of geochemical exploration, including research and development of improved sampling techniques, and advanced geochemical interpretation, as well as the writing of final, budget, and assessment reports.

3. I am a voting member of the Association of Exploration Geochemists.

4. I am a consulting geochemist with offices at 5063 - 56th. St., Delta, B. C.

S. Zastavnikovich,
Expl. Geochemist

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppb.
Au* ANALYSIS BY AA FROM 10 GRAM SAMPLE. Hg* ANALYSIS BY FLAMELESS AA FROM .500 GRAM SAMPLE. SAMPLE TYPE - SOIL

DATE RECEIVED DEC 22 1983 DATE REPORTS MAILED Dec 24/83 ASSAYER Dean Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

CANAMIN RESOURCES FILE # 83-3194

Appendix III.

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
T-0	1	200	7	53	.3	17	23	385	3.89	4	2	ND	2	53	1	2	2	57	1.31	.17	5	7	.90	28	.10	5	2.54	.01	.02	2	15	60
T-50	1	104	8	77	.6	43	24	726	5.36	2	5	ND	2	37	1	2	2	141	.45	.07	4	58	.89	76	.18	5	4.17	.01	.05	2	5	70
T-120	1	230	7	65	.4	134	30	847	5.84	2	5	ND	2	37	1	2	2	131	.43	.07	8	68	1.07	178	.16	7	4.63	.01	.04	2	405	100
T-195	1	123	5	65	.8	44	26	487	5.79	2	8	ND	2	35	2	2	2	151	.24	.09	3	63	.98	77	.23	5	4.30	.01	.03	2	5	90
T-270	10	893	8	70	1.0	74	71	1009	14.44	2	4	ND	2	19	1	4	2	149	.12	.18	4	71	.81	47	.01	2	4.86	.01	.03	2	35	120
T-350	2	267	8	32	.2	15	14	287	5.32	2	4	ND	2	7	1	2	2	58	.05	.06	31	13	.90	69	.01	5	3.14	.01	.05	2	25	20
T-410	1	254	12	58	.4	53	28	454	6.77	8	7	ND	2	37	2	2	2	174	.24	.08	3	67	1.29	55	.30	6	6.02	.01	.03	2	35	180
T-490	1	165	7	59	.8	37	19	406	5.49	5	6	ND	2	24	1	4	2	167	.18	.07	3	59	.95	34	.32	5	6.08	.01	.03	2	5	120
T-525	1	172	8	54	.4	41	23	438	5.81	2	6	ND	2	32	1	2	2	155	.24	.07	3	53	.85	53	.26	5	4.22	.01	.03	2	10	110
T-670	1	299	7	58	.3	43	18	438	5.62	4	7	ND	2	26	1	2	2	167	.17	.05	2	68	1.12	26	.43	4	6.07	.01	.02	2	10	60
T-730	7	547	7	64	.4	50	40	599	9.69	5	6	ND	2	31	2	2	2	166	.19	.14	4	53	1.33	17	.26	4	5.55	.01	.02	2	10	170
T-795	1	153	9	59	.6	35	24	608	6.20	12	4	ND	2	47	2	2	2	144	.33	.07	2	42	.77	30	.36	5	3.95	.01	.02	2	20	50
T-845	1	289	10	68	.4	55	27	437	5.70	4	7	ND	2	26	2	7	2	177	.20	.05	3	75	1.11	37	.45	5	6.89	.01	.03	2	5	100
T-875	1	485	5	73	.7	74	32	543	5.07	10	6	ND	2	24	1	4	2	131	.36	.05	9	50	1.20	39	.35	6	4.65	.02	.03	2	5	60
T-1025	1	106	8	58	.4	33	20	535	4.77	2	5	ND	2	48	2	2	2	148	.76	.04	2	43	.72	52	.34	4	4.45	.02	.05	2	5	60
T-1060	1	213	14	93	.4	82	84	1133	5.36	6	7	ND	2	29	2	2	2	155	.48	.05	6	52	.87	58	.30	5	4.27	.02	.03	2	35	50
T-1100	1	33	7	41	.4	15	9	430	4.13	2	5	ND	2	21	1	2	2	142	.24	.04	2	31	.34	36	.29	4	2.04	.01	.02	2	20	40
T-1150	1	97	11	65	.3	36	23	866	4.61	3	5	ND	2	21	2	2	2	140	.35	.04	5	52	.75	57	.21	5	4.36	.01	.03	2	5	60
T-1300	1	434	9	92	.3	78	38	637	5.81	4	9	ND	2	27	2	2	2	165	.25	.07	3	67	1.42	48	.45	5	4.70	.02	.03	2	5	140
L-0	1	16	9	23	.2	6	5	313	2.32	2	3	ND	2	11	1	2	2	57	.17	.04	15	13	.28	79	.03	5	1.75	.01	.06	2	5	40
L-50	1	41	8	46	.2	12	8	280	3.69	3	2	ND	2	14	1	2	2	99	.17	.06	7	28	.41	65	.08	5	4.16	.01	.04	2	5	60
L-100	3	128	16	48	.3	15	12	427	3.57	4	7	ND	4	19	1	2	2	85	.27	.08	13	27	.44	95	.04	7	5.75	.01	.05	2	5	110
L-150	1	202	5	107	.3	47	24	725	5.76	3	8	ND	2	26	2	2	2	211	.27	.07	6	89	1.33	125	.53	4	5.90	.02	.05	2	5	40
L-200	1	256	9	94	.6	48	25	623	6.50	14	10	ND	2	22	2	2	2	245	.24	.05	6	70	1.51	53	.68	4	5.87	.02	.03	2	5	120
L-250	1	109	9	60	.3	28	20	657	4.09	6	5	ND	2	22	1	2	2	119	.42	.06	6	41	.97	49	.26	7	3.02	.02	.04	2	5	20
L-300	1	113	16	99	.4	37	16	659	5.62	4	9	ND	2	20	2	2	2	170	.33	.12	3	61	1.17	104	.41	5	4.13	.02	.04	2	5	80
L-350	3	138	9	68	.6	31	20	382	5.29	9	7	ND	2	20	2	2	2	210	.26	.05	11	52	.71	40	.38	6	4.66	.01	.03	2	5	90
L-400	1	111	9	66	.5	37	19	444	5.03	12	7	ND	2	21	1	2	2	157	.22	.05	4	70	.93	35	.42	4	5.14	.01	.03	2	5	60
L-450	1	70	6	79	.3	33	28	586	4.68	2	5	ND	2	27	2	2	2	148	.34	.05	6	53	.61	62	.28	5	4.02	.01	.03	2	5	30
L-515	2	98	9	65	.3	33	16	409	4.87	5	9	ND	2	21	1	2	2	144	.23	.06	3	57	.90	56	.39	5	4.68	.02	.04	2	10	60
L-560	6	105	11	71	.3	42	23	456	5.30	2	7	ND	2	22	2	2	2	165	.26	.06	5	58	.96	68	.43	5	5.10	.01	.03	2	5	40
L-600	3	77	7	52	.2	25	14	327	4.13	6	7	ND	2	21	1	2	2	118	.22	.06	4	44	.73	40	.28	6	3.47	.01	.02	2	5	50
L-650	4	91	9	58	.3	35	26	631	4.45	8	9	ND	2	24	1	2	2	119	.43	.05	10	49	.97	157	.27	6	3.92	.01	.03	2	5	50
L-700	11	100	13	51	.9	30	17	439	4.02	6	13	ND	3	22	1	2	2	109	.31	.09	9	47	.86	106	.22	6	4.86	.02	.05	2	15	140
L-775	5	118	13	64	.3	45	23	455	5.23	4	11	ND	2	32	2	3	2	153	.39	.03	6	59	1.08	213	.30	6	5.01	.02	.04	2	10	30
L-850	3	129	12	78	.4	42	24	592	5.10	6	11	ND	2	24	1	2	2	146	.28	.06	5	50	.96	104	.30	5	4.62	.01	.04	2	5	50
L-950	10	108	8	59	.3	41	23	428	5.12	5	31	ND	2	25	1	4	2	154	.25	.03	9	58	.99	120	.31	5	5.05	.01	.04	2	5	60
STD A-1	1	30	40	181	.4	37	12	1043	2.70	12	2	ND	2	38	2	2	2	63	.63	.10	8	76	.76	259	.09	7	2.29	.02	.20	2	500	50

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb
L-1000	1	126	9	59	.2	38	20	417	5.56	17	11	ND	2	18	1	2	2	173	.16	.04	6	60	.95	89	.38	5	4.72	.01	.04	2	5	100
L-1060	1	99	12	63	.2	49	20	455	4.89	9	7	ND	2	27	1	2	5	127	.31	.04	6	42	.81	128	.15	5	3.67	.01	.04	2	5	40
L-1125	1	181	11	74	.4	49	28	543	6.11	18	10	ND	2	29	1	2	2	167	.26	.05	7	65	1.25	81	.30	6	4.56	.01	.04	2	5	80
L-1240	2	159	8	63	.3	46	25	494	5.95	19	9	ND	2	28	2	2	2	172	.19	.05	7	66	1.21	121	.33	6	4.79	.01	.03	2	5	70
L-1350	3	107	14	53	.1	30	18	556	5.29	13	10	ND	2	19	1	2	2	149	.23	.07	6	49	.74	63	.32	7	3.71	.01	.03	2	5	110
L-1450	2	169	15	56	.3	40	19	380	5.75	23	7	ND	2	23	2	2	2	185	.17	.05	6	75	.96	54	.42	8	5.65	.01	.03	2	5	100
L-1550	1	238	4	68	.4	57	33	497	6.87	32	8	ND	2	30	2	2	2	200	.18	.06	6	80	1.32	91	.38	7	5.70	.01	.04	2	5	110
LB-200	1	138	8	68	.9	36	19	417	5.28	24	5	ND	2	17	2	2	2	168	.16	.05	8	60	.97	47	.38	7	4.55	.01	.04	2	5	150
LB-250	8	176	6	66	.5	35	24	570	4.91	20	19	ND	2	21	1	2	2	131	.33	.05	10	48	.95	106	.27	6	4.13	.01	.03	2	5	60
LB-340	5	149	10	73	.4	36	23	557	4.98	22	8	ND	2	15	1	2	2	127	.19	.10	7	45	.80	81	.25	6	4.41	.01	.04	2	5	110
LB-420	10	119	11	70	.4	31	23	2065	4.49	19	15	ND	2	20	2	2	2	105	.37	.11	8	39	.60	93	.20	6	4.59	.01	.03	2	5	120
LB-480	10	93	7	73	.1	32	19	555	4.84	16	7	ND	2	20	1	2	2	125	.27	.07	5	41	.76	72	.25	5	3.74	.01	.03	2	10	80
LB-555	9	114	8	45	.2	22	14	596	3.62	12	5	ND	6	19	1	2	2	74	.50	.11	15	33	.80	142	.16	6	2.19	.01	.05	2	5	20
LB-590	12	135	8	63	.2	40	19	442	5.56	20	8	ND	2	19	2	2	2	147	.25	.06	6	58	1.03	58	.34	5	3.98	.01	.03	2	5	90
LB-660	10	158	7	72	.3	35	20	469	5.78	15	10	ND	2	19	1	2	2	174	.22	.07	11	66	.85	67	.42	5	4.59	.01	.03	2	5	110
LB-810	5	196	10	81	.2	43	19	385	6.89	26	10	ND	2	19	2	2	2	220	.19	.10	9	62	.79	81	.38	6	5.38	.01	.05	2	5	100
LB-950	2	105	8	58	.3	21	11	309	4.86	15	6	ND	2	15	1	2	2	150	.16	.04	4	45	.53	33	.37	5	3.29	.01	.02	2	5	90
STD A-1	1	32	39	179	.3	36	12	1025	2.87	14	2	ND	2	37	2	2	2	62	.62	.10	8	76	.74	250	.08	7	2.01	.02	.19	2	500	50

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES BRANCH–TITLES DIVISION

MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

I, E. SPECCHIA (Name) Agent for CANAMIN RESOURCES LTD. (Name)

1704 CENTENARY DR. (Address) 1704 CENTENARY DR. (Address)

NANAIMO, B.C. NANAIMO, B.C.

Valid subsisting F.M.C. No. 238952 Valid subsisting F.M.C. No. 238988

STATE THAT

1. I have done, or caused to be done, work on the SURPRISE AND TANGLE #1 MINERAL CLAIMS OF THE LEO 2 GROUP Claim(s)

Record No.(s) 1052, 500, 799, 766

Situate at TANGLE MOUNTAIN in the NANAIMO Mining Division,

to the value of at least 4,500.00 dollars. Work was done from the 17 day

of DECEMBER 19 83, to the 28 day of DECEMBER 19 83

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 (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by section 13 of regulations.)

	COST
GEOLOGICAL BRANCH ASSESSMENT REPORT 11,913	
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 no.)

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

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 no.)

(For C and D sections, please turn over.)

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.)	
55 SOIL SAMPLES	2,170.00
3.4 KILOMETRE EM-VLF	2,340.00
TOTAL OF C AND D	4,510.00

Who was the operator (provided the financing)?

Name FALCONBRIDGE LTD.

Address

DELTA, B.C.

Portable Assessment Credits (PAC) Withdrawal Request

Amount to be withdrawn from owner(s) account(s):

(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)

Name of Owner	AMOUNT
1. CANAMAX RESOURCES LTD.	1,350.00
2.	
3.	
4.	
TOTAL WITHDRAWAL	1350.00
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	5860.00

I wish to apply $ 5800.00 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 no.)

SUNRISE (RECORD # 105E, 18 UNITS, DEC. 1800 DOLLARS, ONE YEAR FOR EACH UNIT)

W.C.G. (RECORD # 499, 20 UNITS, DEC. 4000 DOLLARS, ONE YEAR FOR EACH UNIT)

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	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (party providing the financing).	1.	
	2.	
	3.	

(Signature of Applicant)

WORK SHEET

APPLICATION OF WORK ON MINERAL CLAIMS AND 2 POST CLAIMS

Mining Division: Nanaimo

Notice to Group No.: 1421 — Date Work Recorded: Dec. 23, 1982

Date Notice to Group Recorded: Dec. 29, 1982 — Mining Receipt No.: 104032 E

Work type code:
- P Physical
- D Drilling
- S Legal Survey (single claim)
- G Geological Survey
- PR Prospecting
- PS Legal Survey (Perimeter)

Standing of claim as a result of this recording

(1) Work No.(s)	(2) Type of Work	(3) C/L in $	(4) Name(s) of Claim(s)	(5) No. of Units	(6) Record No.(s)	(7) Month of Record	(8) Penalty Fee(s) $	Approved work being applied as per statement (includes work to be credited) (9) Value in $	(10) No. Yrs./ Claim	(11) Fee Paid	Credits immediately PRIOR to this recording: (12) WORK in $	(13) RENT in $	(14) Year of Expiry	Claim now has credits of: (15) WORK in $	(16) RENT in $
29282 - 29301	P	-	Wo. 7	10	500	12	-	2000.	1	100.	-	-	1984	-	-
29302 - 29317	D	-	Tangl #1	16	786	2	-	1600.	1	80.	-	-	1984	-	-
29318 - 29335	D	-	Surprise	18	1058	12	-	1800.	1	90.	-	-	1983	-	-
29336 - 29355	D	-	Wo. 6	20	499	12	-	2000.	1	100.	-	-	1987	-	-
			Amended Work Sheet, Replaces Work Nos. 27882 - 27895												

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,913

MAP REF. NO.:
N.T.S.:

Sample No.	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Au ppb	Hg. ppb	As ppm
T-0	1	200	7	33	-3	17	23	15	60	4
T-30	1	104	8	77	-5	43	24	5	70	2
T-120	1	230	7	65	-4	134	30	405	100	
T-195	1	123	5	65	-8	44	26	5	90	2
T-670	10	893	8	70	1.0	74	71	55	120	2
T-350	2	267	9	32	-2	15	14	25	20	2
T-410	1	234	12	59	-4	53	29	35	180	8
T-490	1	163	7	59	-8	37	19	5	120	2
T-525	1	172	8	54	-4	41	23	10	110	2
T-670	1	293	7	58	-3	43	18	10	60	4
T-730	7	347	7	64	-4	50	40	10	170	5
T-795	1	153	9	59	-6	53	24	20	50	12
T-845	1	289	10	68	-4	65	27	5	100	4
T-875	1	485	5	73	-7	74	32	5	80	10
T-1025	1	104	8	58	-4	33	20	5	60	2
T-1060	1	213	14	93	-4	82	84	35	50	6
T-1100	1	33	7	41	-4	15	5	20	40	2
T-1150	1	97	11	65	-3	36	23	5	60	3
T-1300	1	434	9	92	-3	79	38	5	140	4
L-0	1	16	9	23	-2	6	5	5	40	2
L-50	1	41	8	46	-2	12	8	5	60	3
L-100	3	128	16	48	-3	13	12	5	110	4
L-150	1	202	5	107	-3	47	24	5	40	3
L-200	1	236	9	84	-6	46	23	5	120	14
L-250	1	109	9	60	-3	28	20	5	20	6
L-300	1	113	16	99	-4	37	16	5	80	4
L-350	3	138	9	68	-6	31	20	5	90	9
L-400	1	111	9	66	-5	37	19	5	60	12
L-450	1	70	6	79	-3	33	28	5	30	2
L-515	2	98	9	65	-3	33	16	10	60	5
L-560	6	105	11	71	-3	42	23	5	40	2
L-600	5	77	7	52	-2	25	14	5	50	6
L-650	4	91	9	58	-3	35	26	5	30	8
L-700	11	100	13	51	-9	30	17	15	140	6
L-773	3	118	13	64	-3	45	23	10	30	4
L-550	3	123	12	78	-4	42	24	5	50	6
L-930	10	108	8	59	-3	41	23	5	60	5
L-1000	1	126	9	59	-2	38	20	5	100	17
L-1060	1	99	12	63	-2	49	20	5	40	9
L-1125	1	181	11	74	-4	49	28	5	80	18
L-1240	2	159	8	63	-3	46	25	5	70	13
L-1750	3	107	14	53	-1	30	18	5	110	13
L-1430	2	169	15	56	-3	40	19	5	100	23
L-1550	1	238	4	64	-4	57	33	5	110	32
L8-200	1	108	8	68	-9	36	19	5	150	24
L8-250	8	176	6	66	-5	35	24	5	60	20
L8-340	5	149	10	73	-4	36	23	5	110	22
L8-420	10	119	11	70	-4	31	23	5	120	19
L8-480	10	95	7	73	-1	32	19	10	80	16
L8-535	9	114	8	45	-2	22	14	5	20	12
L8-590	12	135	8	63	-2	40	19	5	50	20
L8-660	10	138	7	72	-3	33	20	5	110	15
L8-810	5	196	10	81	-2	43	19	5	100	26
L8-950	2	105	8	58	-3	21	11	5	90	15

Geochem Value

Till Direction

Hawaii 23.4

Ronka E.M.16 Data
V.L.F. Stn. 23.4 Hawaii

L-4 L-2 L-0

L.C.P. W0.6

L.C.P. W0.7

SURPRISE L.C.P.

TANGLI L.L.C.P.

muRK

Jg

CPsv

CPBL

SICKER CLAIM LINE

Detailed Area
See Map Fig. 4

Road

RIVER

NANAIMO

LEGEND

muRK KARMUTSEN VOLC.S

Jg ISLAND INTRUSIONS

CPsv SICKER VOLCANICS

CPBL BUTTLE LK. LIMESTONE

FAULT

CONTACT

GEOCHEMISTRY

L-300 SAMPLE NUMBER AND LOCATION

GEOLOGICAL BRANCH ASSESSMENT REPORT

11,913

200 0 200 400 600m.

SCALE: 1:10.000

CANAMIN RESOURCES LTD

PROPERTY: Surprise & W06 Claims

LOCATION: Nanaimo Area B.C.

TYPE OF MAP: Geochem, Geophysical & Claims Location

WORKING PLACE:

BASED ON:

DATE OF WORK:

DRAWN BY: G.T.

DATE: Jan. 1984

MAP REF. NO.:

N.T.S. NO.: 92-F-1W

FIG. NO.: 4

KCI 273