# 85-572 -14524

## REPORT ON

## GEOCHEMICAL SOIL SAMPLING

WHYNOT 3 CLAIM (2436) LILLOOET MINING DIVISION BRIDGE RIVER AREA, B.C.

## GEOLOGICAL BRANCH ASSESSMENT REPORT

Latitude: 50°56'N

### N.T.S.: 92-J-15 (E & W)

for

FILMED

Levon Resources Inc. 1040 - 609 Granville St. Vancouver, B.C. V7Y 1G5

by

Vancouver, B.C. August 1985 Chris J. Sampson, P.Eng. Consulting Geologist

Longitude: 122°45'W

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## ILLUSTRATIONS

MAP	1		INDEX MAP					Follows	Page	1
MAP	2	. <sup>,</sup>	GEOCHEMICAL S	SOIL	SAMPLE	LOCATION	MAP	(In Po	cket)	

### 1. INTRODUCTION

2.

On 25 and 29 April 1985, Gary Poluschuk and assistant ran a north south base line through the south west corner of the Whynot 3 claim, Lillooet Mining Division, B.C. and flagged seven 100m spaced east-west lines, for 500m either sides of the base line. Geochemical soil samples were then collected every 25m along the ' east-west lines and analysed for Pb,Zn,As,Sb,Au and Ag. Results are plotted on Map 2.

## PROPERTY, LOCATION, ACCESS, TOPOGRAPHY

The Whynot 3 claim consists of 15 metric units (3Nx5W). Legal corner post has been inspected by the writer; it is situated in the SE corner.

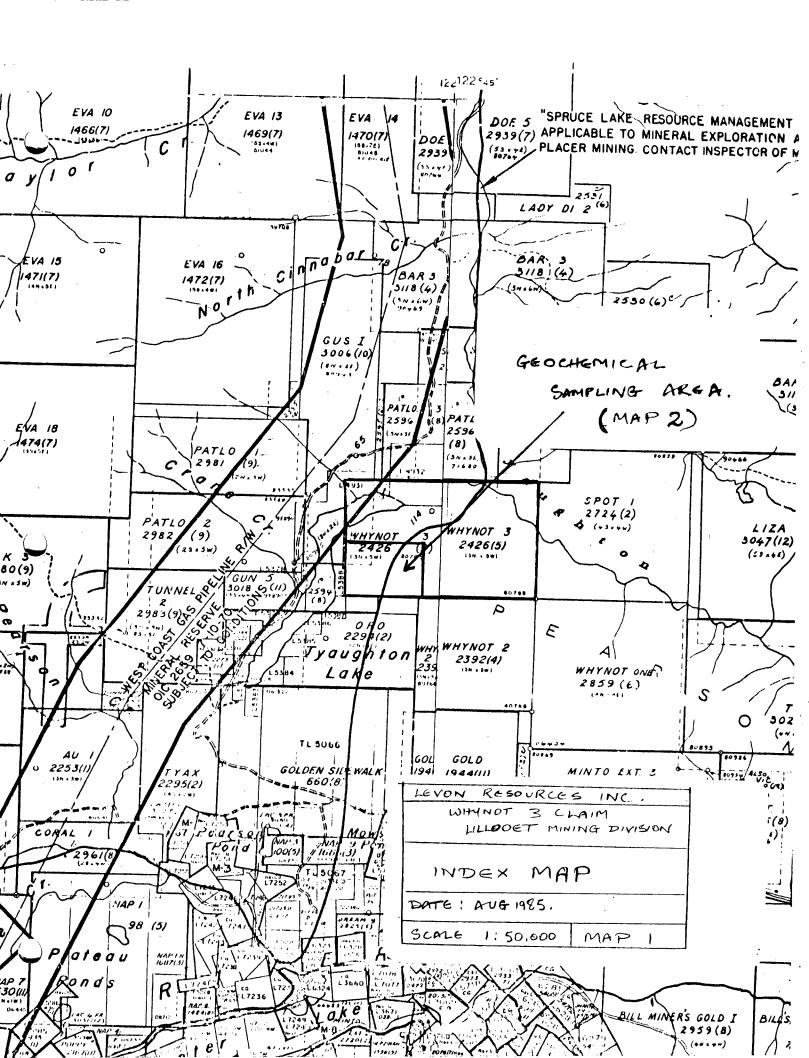
The property straddles Pearson Ridge, immediately on the east side of Tyaughton lake, 12 kms north east of Goldbridge in the Lillooet Mining Division, B.C.

Access is easily gained by two wheel drive vehicle by logging road which connects to the Tyaughton Lake road. Total distance from Goldbridge - 16 kms (Map 1).

The southern central part of the Whynot 3 claim contains the top of Pearson Ridge, elevation 1501m (4926ft); the north west corner and western side is at the lowest elevation, Tyaughton Lake -993m (3259ft). Apart of course from those areas of the lake, the property is covered by (nature stands of Jack Pine, Douglas Fir and Spruce. Steep slopes occur on the north eastern side of the claim.

SAMPSON ENGINEERING INC.

2696 West 11th Avenue Vancouver, B.C.: V6K 2L6



## PREVIOUS WORK

3.

4.

There is no recorded history of previous work on the ground covered by the Whynot 3 claim.

## GEOCHEMICAL SOIL SAMPLING

Much of the Whynot 3 claim is covered by a layer of geologically recent volcanic ash (2,400 years old) which varies from a few centimetres to 50 cms thick. This overlies the well developed A, B and C soil horizons in what are well drained, well developed soils.

Sampling on the Whynot 3 was by using a small shovel to dig down through the volcanic ash and underlying humic A horizon in order to obtain a 100 to 200 gram sample from the B horizon. (This is very readily recognisable due to its high iron content and rich red brown colour.)

Each soil sample was placed in a numbered brown Kraft paper sample bag, dried and shipped to Min-En Labs in Vancouver, B.C. for analysis.

Sample locations are plotted on Map 2.

## 5. ANALYTICAL PROCEDURES

Analytical methods used by Min-En Labs were as follows:

## MIN-EN Laboratories Ltd.

Specialists in Mineral Environments Corner 15th Street and Bewicke 705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK - 26 ELEMENT ICP

Ag,Al,As,B,Bi,Ca,Cd,Co,Cu,Fe,K,Mg,Mn,Mo, Na,Ni,P,Pb,Sb,Sr,Th,U,V,Zn

Samples are processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sedimint samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by jaw crusher and pulverized by ceramic plated pulverizer.

1.0 gram of the samples are digested for 6 hours with  $HNO_3$  and  $HClO_4$  mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by Computer operated Jarrell Ash 9000ICP. Inductively coupled Plasma Analyser. Reports are formated by routing computer dotline print out.

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## GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with  $HNO_3$  and  $HClO_4$  mixture.

After pretreatments the samples are digested with <u>Aqua Regia</u> solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).

	COMPANY:	COOKE GE	OLOGICAL C	ONSULTANT	S ·	MIN	-EN LABS	ICP REPORT	(ACT:GE027) PAGE 1 OF
	-	No: WHYNO			705 WEST			VANCOUVER, B.	
1 <sup>th</sup>		N: BRAD C					***	(604)988-452	24 +TYPE SOIL GEOCHEM* DATE: MAY 24, 198
		IN PPM )	<u>A6</u>	AS	PB	SB	ZN	AU-PPB	
	LIN+00E	AOM	.5	45 46	42 46	10 12	94 122	15 10	
(	L1N+01E \\+02E	400	.o ,8	50 52	40 53	12	110	5	
	LIN+03E		.3	25	33	3	81	10	
	LIN+04E		.3	24	33	3	68	5	
	L1N+05E		.4	34	40		<u>-</u> 93-	5.	
	L1N+06E		.5	38	38	7	73	15	
	L1N+07E		.7	37	45	7	226	20	
	L1N+08E		• 6	35	40	9	194	20	· · ·
	L1N+09E			41	40		124	15	
	LIN+10E		.5	55	42	12	88	10	
	L1N+11E		.5	51	43	11	92	10	
	L1N+12E		.6 .5	17 44	37. 49	2 8	474 131	60 65	•
	L1N+13E L1N+14E		.5	44	47	8	114	5	
	LIN+15E		<u>-</u>	- 35	<u>7'</u> 49	<del>-</del> 7	196		
	L1N+16E		.8	87	75	24	128	35	
	LIN+17E		.5	29	42	6	218	5	
	LIN+18E		. 4	35	44	7	176	350	
	L1N+19E		:6	42	43	9 .	142	10	
	L1N+20E		.5	24	31	1	58	45	
	L2N+00E		.7	56	5t	13	109	5	· .
	L2N+01E		.4	37	35	6	· 80	65	
	L2N+02E	401	.4	43	42	10	163	20	
	12N+03E			48	48	<u>15</u>	<u>150</u> 131	5	
	L2N+04E L2N+05E		.8 .5	44 22	52 31	2	151	10	
	"N+06E		.5	31	37	2 5	337	25	
	N+07E		.5	51	45	9	- 99	20	
	L2N+08E		.6	39	41	8	119	5	
	L2N+9E		.6	32 -	31	<del>-</del>		10	
	L2N+10E		.5	26	49	2	252	45	
	L2N+11E		. 4	30	40	4	247	10	
	L2N+12E		.5	38	33	2	100	80	
	L2N+13E				41	2 -	194	5	
	L2N+14E		.8	. 104	. (1	42	870	10	
	L2N+15E L2N+16E		.5 .4	45 20	46 33	10 <1	102 219	30 95	
		40 <b>M</b>	.5	33	41	7	73	15	
	L2N+18E	1011	.5	43	43	6	96	10	
	L2N+19E		7 - 7	48	48	7 -	141	45	
	L2N+20E		. 4	72	- 60	17	114	5	
	L2N+1W		. 4	54	60	12	216	5	
	L2N+2W		.3	35	34	6	132	5	
	L2N+3N				- 35		108		
	L2N+4#		.3	31	34	3	106	5	
	L2N+5W		.4 .7	30 41 -	41 - 37	4 7	157 64	10 90	
	L2N+6W L2N+7W		.4	41 · 24	-37	2	102	70 10	
	L2N+BW		.4	33	73	2 5	102	45	
	L2N+9W		<u>+</u> 7 _4	- 43	- 42		- 194		
	L2N+10W		.5	59	46	12	94	5	
	L2N+11W		.3	45	42	8	78	5	
(	)N+12₩		.5	43	40	8	161	5	
	2N+13W		.5	_ 52	_ 42	8	81	350	
	L2N+14₩		.4	29	32	3	114	5	
	L2N+15W		.4	31	30	3	89	5	
	L2N+16#		.5	30	32	5	145	5	
	L2N+17W		.6	31	42	4	207	5	
	L2N+18₩		.5	34	39	6	98	5	

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COMPANY: COOKE GEO						ICP REPO		(ACT: 6ED27) PAGE	
PROJECT No: WHYNO			705 WEST	15th ST.,				FILE No: 5-167	
ATTENTION: BRAD CO				(604)980-			+TYPE SOIL GE	OCHEN* DATE: MAY 24	<u>. 1</u>
(VALUES IN PPM )	AG	AS	PB	SB	ZN	AU-PPB	 		
L2N+19W	.4	29	36	5	88	20			
L2N+20W	.3	32	32	5	123	5			
23N+00E	. 4	41	39	8	108	10			
L3N+1E	.6	36	35	6	79	5			
L3N+2E		39	41		176	5	 		· _
_3N+3E	.5	62	60	15	286	35			
L3N+4E	.5	51	49	12	189	10			
_3N+5E	.5	47	52	9	139	5			
L3N+6E	.4 .4	33	34	2 7	79	5 5			
3N+7E 40N			40	4/7 -	139 225_	10	 		· -
_3N+BE _3N+9E	.4 .6	50 50	52	6	316	60			
_3N+10E	.8	30 79	70	21	274	10			
.3N+11E	1.1	64	75	15	672	25			
.3N+12E	.6	46	47	6	126	10			
.3N+13E		30	42		87	15	 		-
_3N+14E	.2	30 7	17	۵ (۱	18	30			
.3N+15E	.6	35	38	5	81	5			
.3N+16E	.6	63	. 54	12	114	15			
.3N+17E	.5	36	35	3	136	10			
3N+18E			- 38		104		 		-
3N+19E	.6	59	<b>4</b> 7	10	130	25			
3N+20E 40M	.7	75	6Ŭ	16	227	65			
3N+1W	.5	39	37	7	141	5			
3N+2W	.4	41	43	8	141	10			
3N+3W		37	39	· <u>-</u> - ·	186	30	 		-
3N+4W	.4	40	40		105	105			
3N+5H	.4	50	43	8	98	380			
.3N+6#	. 6	67	53	13	91	35			
3N+7W	.5	36	32	5	102	20			
3N+8W	3	40	50		146	5	 		-
30+90	.4	42	48	13	120	5			
3N+10W	.5	34	4 i	5	104	10			
3N+11W	.5	32	36	6	119	5			
3N+12W	.5	22	36	4	149	15			
3N+13W	.5	- 31	39		123	20	 		~
3N+14W	.5	, 26	38	4	150	5			
3N+15W	.6	33	37	7	106	5			
3N+16W	.7	29	33	7	104	1Û			
3N+17#	_ <u>.</u> 6	25	_ 38	4	_113_	5	 		_
3N+18W	.8	27	40	5	163	5			
3N+19W	. 6	34	. 36	8	122	10	,		
3N+20W	.5	20	32	4	176	10			
5N+00E	.8	48	55	12	242	10			
5N+1E			42		_186_	45	 		-
5N+2E	.9	61	64	17	267	60			
5N+3E	.6	26	42	5	140	35			
5N+4E	.7	49	51	11	118	30			
5N+5E	1.0	49	55	12	115	5			
5N+6E	:	41	- 49		233	25	 		-
5N+7E	.7	43	54	9	144	20			
5N+8E	.8	53	45 57	13	84	5			
5N+9E	.8	41	51	9	251	30			
5N+10E	1.1	33	46	6 7	241	15			
5N+11E		40	- 46	7	192		 	- • <sup>1</sup>	
5N+12E	1.1	38	47	5	182	5			
5N+13E	.9	72	70	18	256	5		I.	
5N+14E	.8	54	49	9	129	10			
5N+15E	.9	72 11	<b>68</b>	17	92 (60	70			

COMPANY: COOKE E PROJECT No: WHYN						ICP REPORT /ANCOUVER, B	.C. V7N	172			(:GEO27) PAGE 1 OF FILE No: 5-1675/P
ATTENTION: BRAD						,			E SOIL	GEOCHEM*	DATE: MAY 24. 198
(VALUES IN PPN )	A6	AS	PB	SB	ZN	AU-PPB					
L5N+17E	.3	54	45	9	102	5					
LSN+18E	, 4	- 51	46	10	117	10					
L5N+19E 40M	.5	62	50	12	83	10		•			
L5N+20E	,5	42	40	5	- 84	25					
L5N+1W	,5	51	41	9	194	10					
L5N+2W	.5	35 -	43	8	146	40					
L5N+3W	. 6	48	49	10	264	15					
L5N+4W	.5	41	39	9	130	25					,
L5N+5W	. 4	- 38	39	7	119	45					
L5N+6N		. 67	51	14	140	25					
L5N+7W	.6	52	48	13	105	5					
L5N+8W	.7	59	51	15	131	5					•
L5N+9₩	.7	62	56	17	132	20					
L5N+10N 40N	. 6	51	50	15	186	50					
L5N+11W	6_	47	56	12	_200_	20					
L5N+12W	.7	41	51	10	297	15					
L5N+13W	.5	43	44	H	152	35					
L5N+14W	.5	38	39	7	117	10					
L5N+15W	.7	62	50	17	150	10					
L5N+16W	<u>.</u> ó_	76	<u>. 6</u> 2	22	_153_	5					
L5N+17W	.6	49	-50	13	116	10					
L5N+18W	.6	66	6 <b>8</b>	18	. 276	5					
L5N+19₩	.7	53	48	15	107	200					
.5N+20W	.6	52	4 म	14	164	15					

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REFERENCES

- 1937 Geological Survey Memoir, 213 "Geology and Mineral Deposits on Bridge River Mining Camp, B.C.", C.E. Cairnes.
- 1943 Geological Survey of Canada, Paper 43-15, "Geology and Mineral Deposits of the Tyaughton Lake Map Area, B.C.", C.E. Cairnes.
- 1973 Paper 73-17 Geological Survey of Canada, "Pemberton East-Half Map Area", J.A. Roddick and W.W. Hutchinson.

## STATEMENT OF COSTS

### 1. Labour

Two samplers, April 25,29 @ \$125 per day	500.00
Field Supervision, 1 day @ \$125 per day	125.00

### Food & Accommodation 2.

Meals		96.52
Hotel (one night	for supervisor)	32.10

### 3. Transportation

Truck Rental,	2	days	@	\$30	per	day	60.00
Gasoline							87.00

#### Analysis 4.

Min-En Labs,	135	samples,	ICP	for	(As,Ag,Pb,		
Sb,Zn) and Au	L					1,490.0	00

### 5. Report Preparation

	One day			125.00
	2		Sub Total:	2,515.62
6.	Transfer from	Levon Resources	P.A.C. Account (20%)	503.12
		· ·		3,018.74

### CERTIFICATE

I, Christopher J. Sampson, of 2696 West 11th Avenue, Vancouver, B.C. V6K 2L6, hereby certify that:

- I am a graduate (1966) of the Royal School of Mines, London University, England with a Bachelor of Science degree (Honours) in Economic Geology.
- I have practiced my profession of mining exploration for the past 19 years in Canada, Europe, United States and Central America. For the past 19 years I have been based in British Columbia.
- 3. I am a consulting geologist. I am a registered member in good standing of the Association of Professional Engineers of British Columbia.
- 4. I have written reports in 1983, 1984, 1985 on work on properties in the vicinity of the Whynot 3 Claim, particularly the Golden Sidewalk and Oro properties.
- 5. The present report is based on supervision of the geochemical sampling at the Whynot 3 property.
- 6. I have no interest in any other property or company holding property within 10 kilometres of the Whynot 3 claim.



Christopher J. Sampson, P.Eng. Consulting Geologist

Vancouver, B.C. August 1985

SAMPSON ENGINEERING INC. 2696 West 11th Avenue Vancouver, B.C. V6K 2L6

104 00 MALLY T HE NORTH AR L'ONT REFERENCES CONTRACTOR GEOLOGICAL BRANCH ASSEBBMENT REPORT  $\frac{1}{350} = \frac{1}{70} = \frac{1}{60} = \frac{1}{60}$ POND 60 65 žυ RESOURCES INC. LEVON WHYNOT 3 CLAIM LILLOOET M.D 1500 m to L.C.P. GEOCHEMICAL SOIL WHINDT 3 CLAIM SAMPLE LOCATION MAP DIVIE: AUG 1935 MAP 2 100m 200 m 300 m Heam stations