

81-#454

9187

ASSESSMENT REPORT FOR THE TYE #1, #2, #3 MINERAL CLAIMS  
IN THE NICOLA MINING DIVISION

PERCUSSION DRILLING AND GEOCHEMISTRY SURVEY REPORT

LOCATION: 1:50,000 NTS 92I/7W  
L.C.P. TYE #1 : 121° 52'E, 50° 18'N  
COORDINATES: 5572, 800m N, 652,500m E

OWNER/  
OPERATOR LAWRENCE MINING CORPORATION  
506-625 Howe Street,  
Vancouver, B.C.  
V6C 2T6

CONSULTANT/AUTHOR: R.A. WELLS

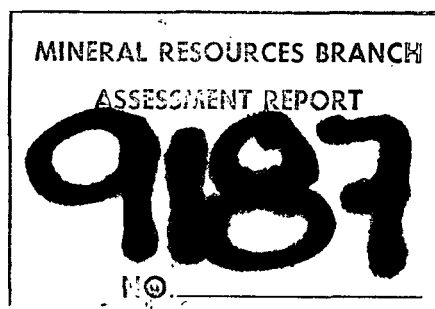
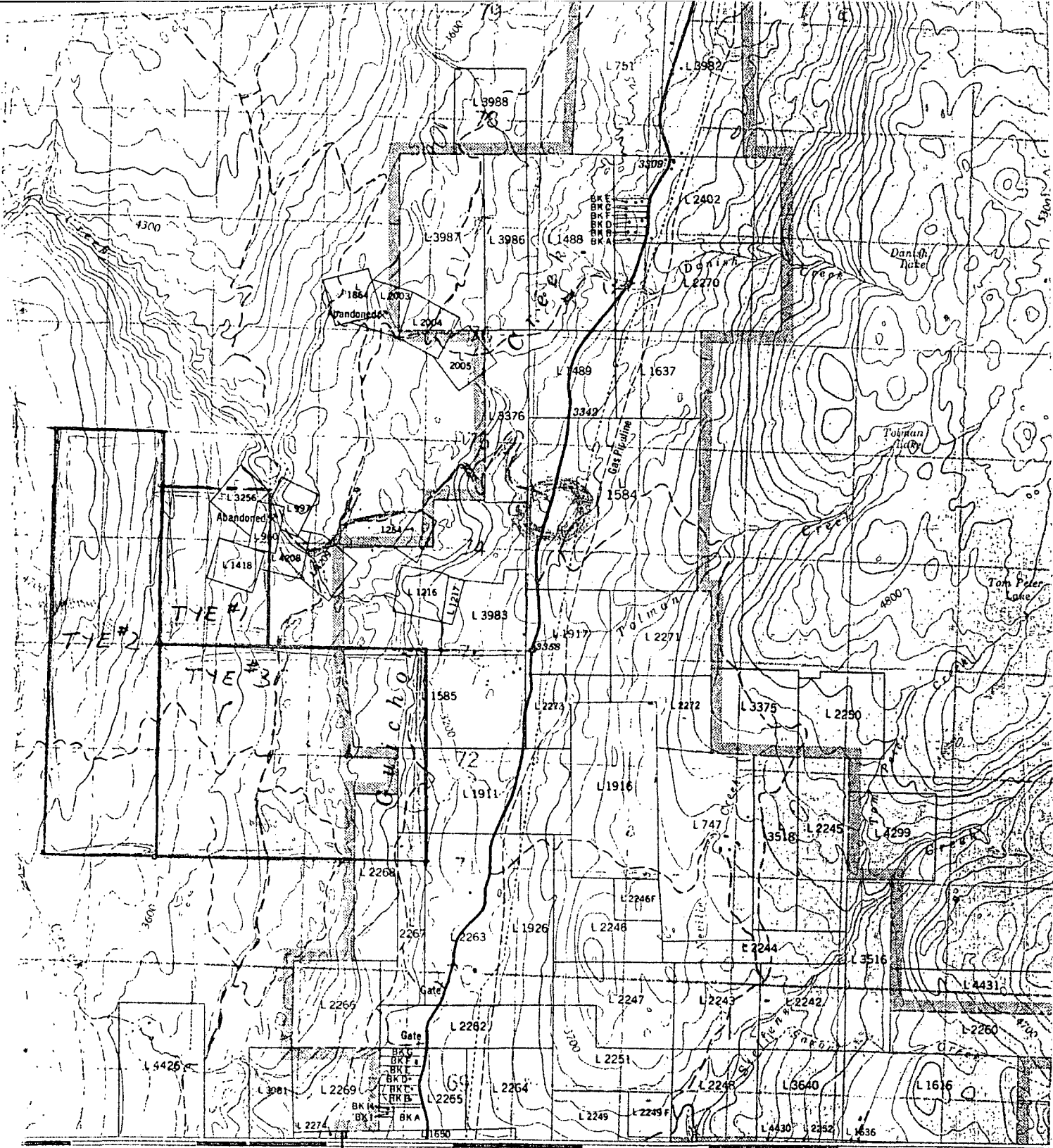


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MAPS

INDEX MAP (1:50,000).....	figure 1
CLAIM & GRID MAP (1:30,000).....	figure 2
CLAIM & GRID MAP (1:10,000).....	figure 3
GEOCHEMICAL SOIL PLOT (1:5,000).....	figure 4



1 - 50' 55 56 NICOLA PROV FOREST 58 59 60  
Merritt 18 km

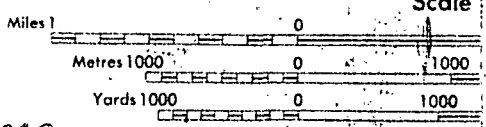
### INDEX MAP - FIGURE 1

92 I / 7

MAM  
KAMLOOPS DIVISION  
BRITISH COLUMBIA

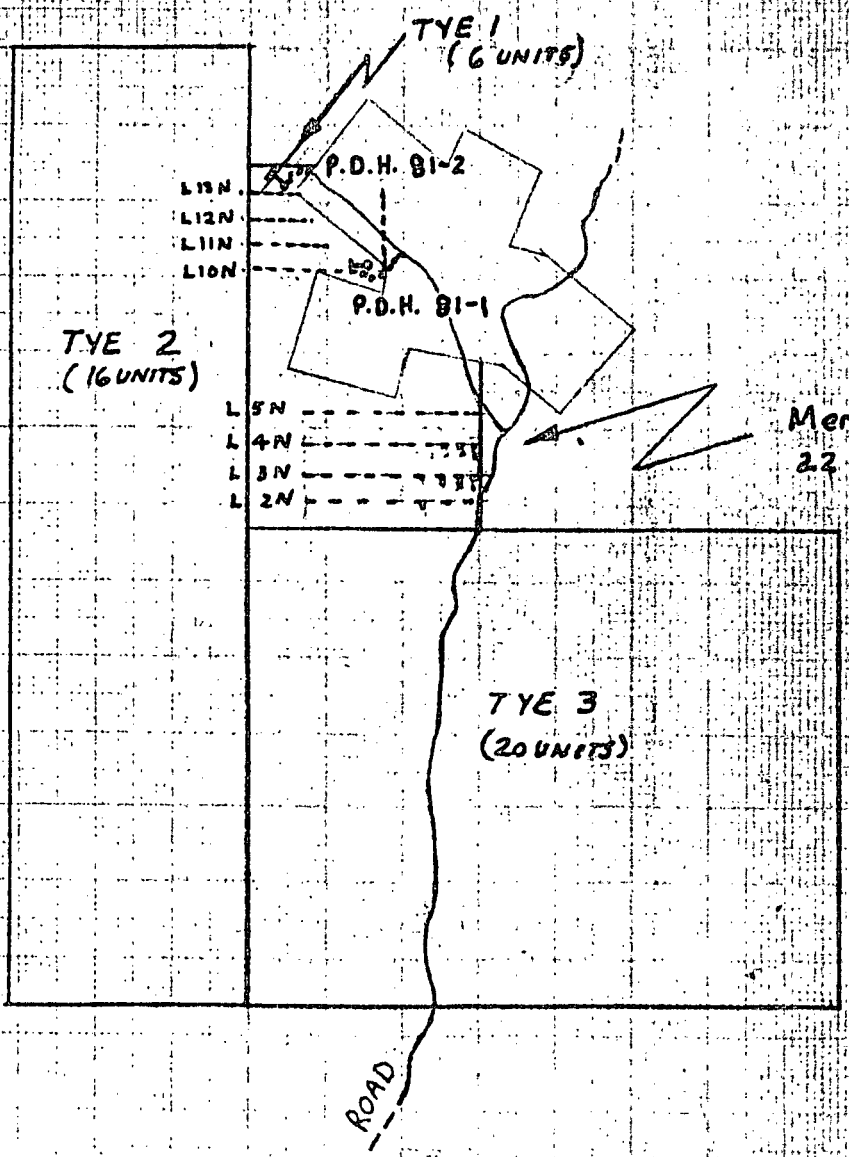
Roads	Routes:	trial Highway	more than 2 lanes
hard surface, all weather	pavée, toute saison	2 chaussées séparées	plus de 2 voies
hard surface, all weather	pavée, toute saison	2 voies	moins de 2 voies
loose or stabilized surface, all weather	gravier, aggloméré, toute saison	2 lanes or more	less than 2 lanes
loose surface, dry weather	de gravier, temps sec	2 voies ou plus	moins de 2 voies
unclassified streets	rues hors classe		
cart track	de terre		
trail, cut line or portage	sentier, percée ou portage		

FOR COMPLETE REFERENCE SEE REVERSE SIDE    POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO



SCALE 1:50,000

FIGURE 2



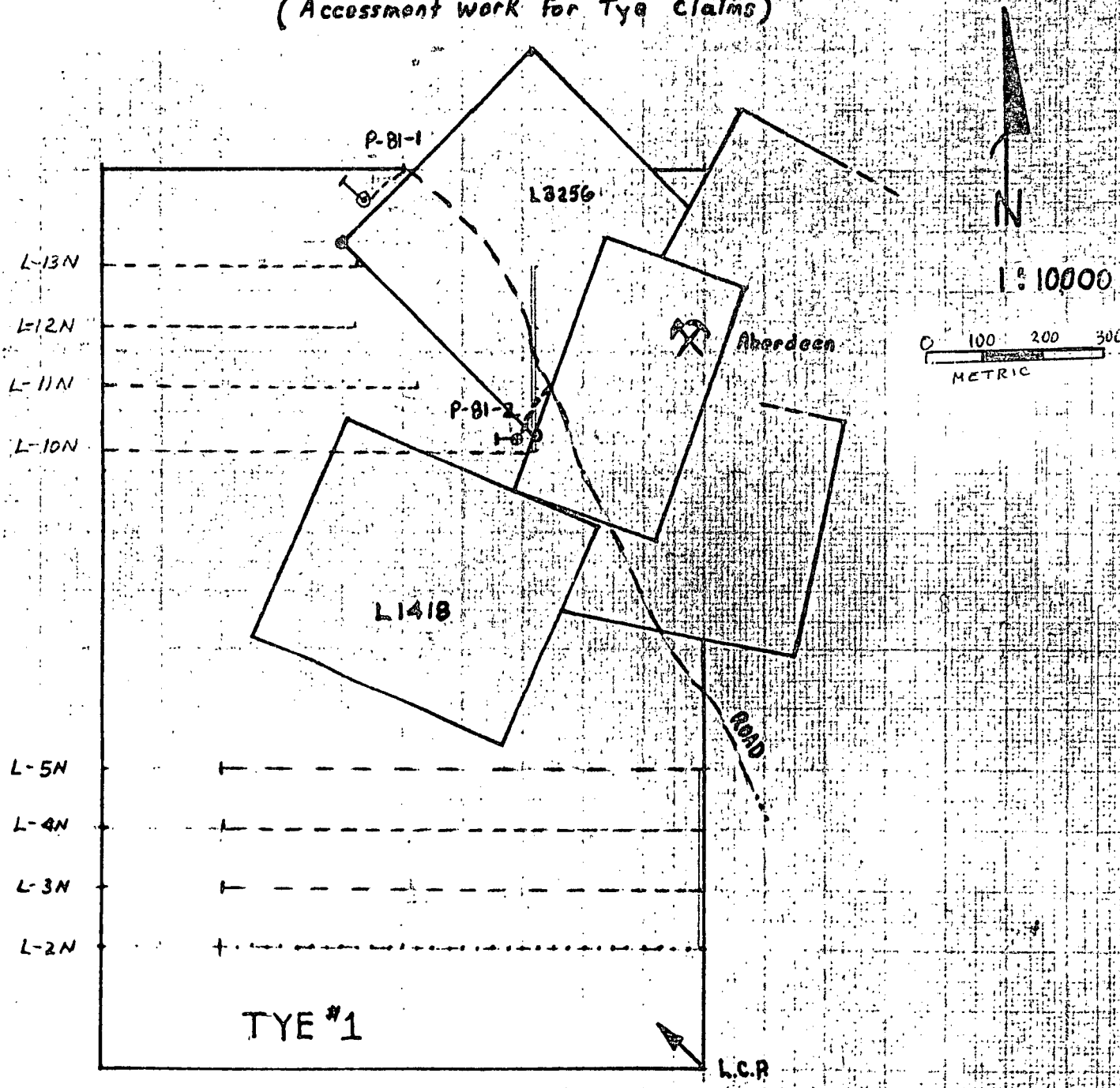
scale 1" = 2500'  
(1:30,000)

- Property Work:
- 6 Km grid preparation
  - 240 soil geochemistry
  - 319 feet percussion drilling
  - catwork
  - 12 hrs drill site prep.
  - 4 hrs road construction

Assessment 1981  
TYE GROUP

VIMY PROJECT - 1981  
 (Accessment work for Tye claims)

FIGURE 3



Note: Legal posts for C.G. #3250 have been located at SW corners.

Accessment consists of 2 Percussion drill holes (dip 60°), 97.23 m (.319 feet), 60 meters of road access (width 15 m), 6.5 Km of flagged lines (234 soil samples - 25 meter sample spacing)

## INTRODUCTION

The Tye claim group is located in the Guichon Creek Batholith on undulating, variably glacial drift overburdened terrain.

Access is via the Aberdeen Mine Road (unpaved), 24 kilometers north of Merritt, B.C.

The property was acquired by the current owner/operator: Lawrence Mining Corporation, following the staking of the group, April 15, 1980 - for the purpose of assessing the potential for economic porphyry copper type mineralization south and west of the Aberdeen Mine.

During March and April 1981 work done on the Tye group consisted of:

- (1) 2 percussion drill holes totalling 97.23 meters
- (2) 6 km of flagged grid lines
- (3) Geochemistry: 234 soil samples
- (4) 16 hours of cat work (drill site preparation and access road)

Summary: Percussion drilling results indicated negligible copper at the specified sites. Cause of the I.P. anomalies was due to anomalous magnetite concentrations. The soil geochemistry defined a continuous anomalous section of 175 meters on L5 to ON (anomalous values range from 50- 425ppm copper). Two other narrow NNW trending anomalous zones are indicated. Follow-up will consist of further geochemistry to define the anomalous boundaries.

Detailed Cost Statement

Scope Exploration Services Ltd.

Box 1101  
Merritt, B.C. V0K 2B0

Phone 378-5384

STATEMENT

DATE	APRIL 14, 1981
NUMBER	

VIMY MINING INC. (wholly owned subsidiary of Lawrence Mining Corporation)  
506-625 Howe St.,  
Vancouver, B.C.  
 V6T 2T6

TERMS:

PLEASE DETACH AND RETURN WITH YOUR REMITTANCE

\$ \_\_\_\_\_

DATE	CHARGES AND CREDITS	BALANCE
	BALANCE FORWARD ▶	
Re:	Work on Tye Group of Mineral Claims	
April	3, 1981 to April 13, 1981	
	Building Access Roads to Drill Sites with HD9 Bulldozer	
	12 Hrs. @ 45.00 Per Hour	540 00
	Building Drill Sites	
	4 Hrs. @ 45.00 Per Hour	180 00
	3 Days 4x4 Truck Rental 36.00 Day	108 00
	Preparing GKM of Grid and Soil Sampling the same (240 samples)	
	6 Man Days @ 115.00	690 00
	2 Man Days, Geologist Supervision & Grid Layout @ 160.00 Per Day	320 00
	3 Days 4x4 Truck Rental @ 36.00 per Day	108 00
	TOTAL	\$ 1,946.00

Scope Exploration Services Ltd.

Thank You

PAY LAST AMOUNT  
IN THIS COLUMN

(2 b)

YUKON — N.W.T. — BRITISH COLUMBIA — ALBERTA — U.S.A.

# Merritt - Funk Brothers Drilling Company Limited

Exploration and Development

G. Eugene Funk  
Cary E. Funk  
Telephone 378-4152 or 378-2333

Aberdeen Road, Lower Nicola, B.C.  
P.O. Box 2077  
Merritt, B.C. - V0K 2B0

April 11, 1981

LAWRENCE MINING CORP. LTD.  
P.O. Box 1101  
Merritt, B.C.  
VOK 2B0

Attention: Mr. Maurice Mathieu

Dear Sirs;

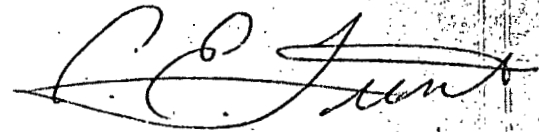
The following is our invoice for Percussion Drilling on your Chataway Property, April 9 - 10, 1981:

<u>HOLE NO.</u>	<u>DEPTH of OVERBURDEN</u>	<u>DEPTH of HOLE</u>
PHD #2	20 feet	149 feet
PHD #1	10 feet	<u>170 feet</u>
		Total Footage 319 feet

Drilling Charges- 319 feet @ \$5.82 per foot.....	\$1856.58
* incl. plastic sample bags	
Water Supply Charges- 1 shift @ \$180.00 per shift.....	\$ 180.00
Mobilization- to and from the property, flat charge .....	\$ 420.00
	<u>Total Charges \$2456.58</u>
	0
<b>TOTAL AMOUNT DUE</b>	<b>\$2456.58</b>

THANK YOU.

Yours truly



Cary E. Funk

Merritt-Funk Brothers  
Drilling Company  
Limited





# SCOPE

## EXPLORATION SERVICES LTD.

P.O. Box 1101,  
Merritt, B.C.  
Phone 378-6812

LAWRENCE MINING CORP.  
506-625 Howe St.,  
Vancouver, B.C.  
V6C 2T6

RE: Geochemical Soil Survey - Tye Group

Lab Analysis: Kamloops Research & Assay  
(1) Chemical procedure: Aqua regia digestion followed by  
mesh: -80  
(2) Chemical reagents: concentrated (12 molar) HCl  
concentrated (12 molar) HNO<sub>3</sub>

Sampling Procedure:

- All samples were excavated with uncontaminating hand tools in glacial till and stored in appropriately labelled standard soil sample bags.
- Samples were collected from horizon "B" in a depth range of 15-40cm.
- Total samples collected for copper analysis = 234 samples.

Sampling Personal: Ray Wells (Geologist)  
Bill Ashley (10 years mineral exploration experience)  
Raymond Hansen (3 years mineral exploration experience including geochemical surveys)

Soil Survey Rationale:

- The survey was conducted in the Guichon Creek batholith on glacial terrain to the south and west of the Aberdeen Mine. Fault structures and mineralized showings of copper in the area indicate a North - South trend. East-West soil lines were conducted to explore potentially existing North-South trending copper enriched zones. Topography is undulating (0° - 20° slopes) in a region of various glacial features (eskers...) with occasional outcropping of Guichon Intrusive rocks. Soil profiles indicate good consistency of soil type.

Interpretation of Results:

- Soil sample results indicate an area of interest on L5 to 0N (3 + 25W to 5+75W) containing anomalous values of 50 to 425 ppm. L2 + 00N (0 + 25W; 1 + 50 - 2 + 00W) contain anomalous copper values of 53 - 156 ppm. L4 + 00N (2 + 00 - 3 + 00W) contains slightly anomalous values of 49 - 55 ppm.
- The anomaly on L5 + 00N exceeding 175 meters will be followed up with additional geochemistry for further def-



(4)  
**SCOPE**

**EXPLORATION SERVICES LTD.**

P.O. Box 1101,  
Merritt, B.C.  
Phone 378-6812

Page 2

inition as the next exploratory phase. (Potential porphyry copper mineralized area)

- To the north: (L10 + 00N, 5+00W), (L11 + 00N, 5 + 75W), (L13 + 00N, 6 + 75N) define a narrow NW trending anomaly of 48 - 107 ppm Cu. Similarly, another anomalous structure exists on (L11 + 00N, 7 + 75 - 8 + 25W) and (L10 + 00N, 7 + 50W).

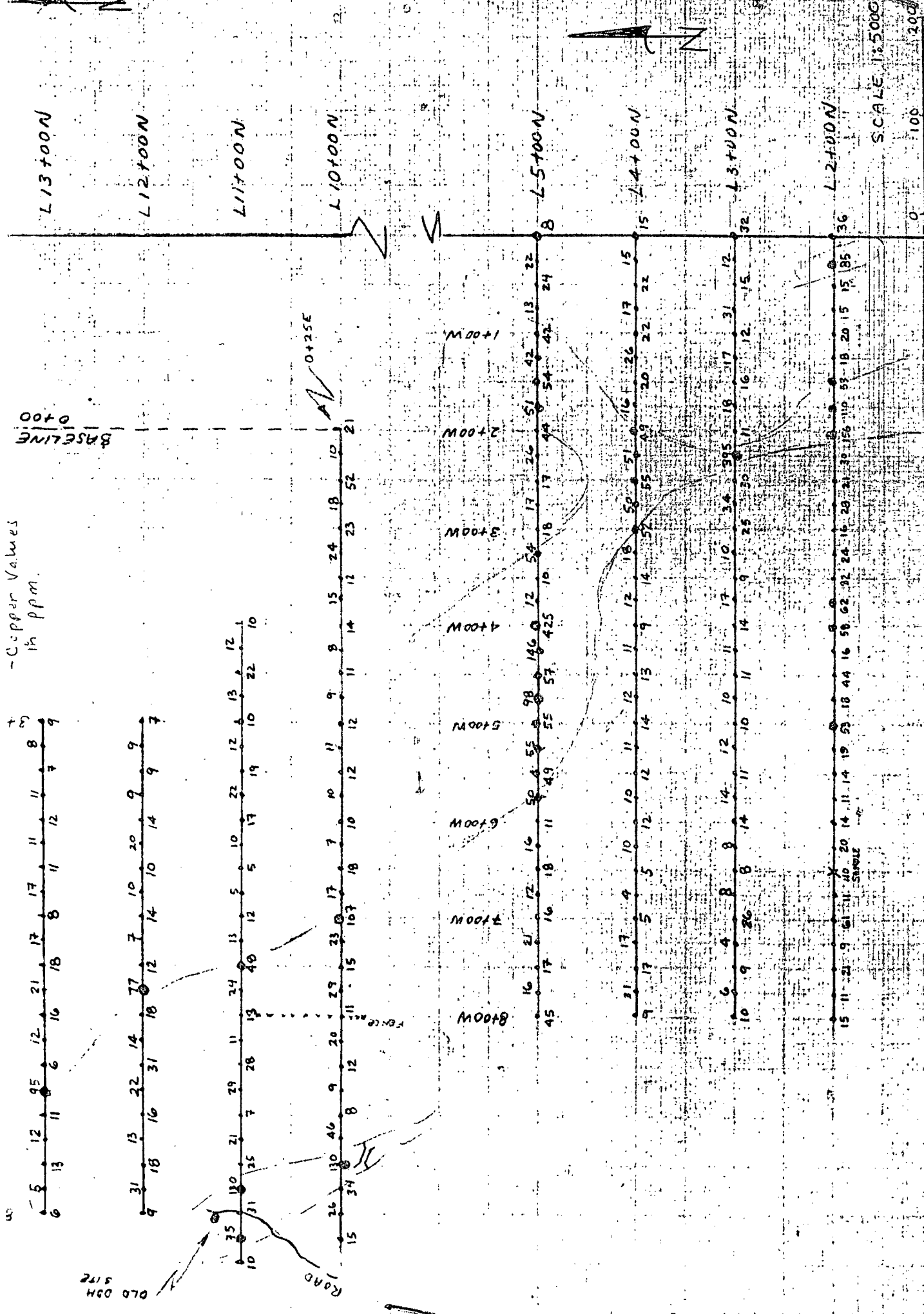
Yours sincerely,

*Ray Wells*

Ray Wells - Geologist.

FIGURE 4

(7) GEOCHEMISTRY (SOIL PROGRAM) TYPE 1 - April 1981  
 - Copper Values  
 in ppm.



SCALE 1:5000  
 0 100 200

Geochemical Results (ppm Cu) (5)

143	3 + 00	9	A	173	3 + 75	22
144	3 + 25	12		174	4 + 00	17
145	3 + 50	11		175	4 + 25	10
146	3 + 75	12		176	4 + 50	5
147	4 + 00	10		177	4 + 75	5
148	4 + 25	10		178	5 + 00	12
149	4 + 50	7		179	5 + 25	13
150	4 + 75	18		180	5 + 50	48

KRAL NO.	IDENTIFICATION	ppm Cu		KRAL NO.	IDENTIFICATION	ppm Cu
1	L200N 0 + 00W	36		31	L2+00N 7 + 75W	11
2	+ 25	85		32	8 + 00W	15
3	+ 50	15		33	L300N 0 + 00W	32
4	0 + 75	15		34	0 + 25	12
5	1 + 00	20		35	0 + 50	15
6	1 + 25	18		36	0 + 75	31
7	1 + 50	53		37	1 + 00	12
8	1 + 75	110		38	1 + 25	17
9	2 + 00	156		39	1 + 50	16
10	2 + 25	30		40	1 + 75	18
11	2 + 50	21		41	2 + 00	11
12	2 + 75	28		42	2 + 25	395
13	3 + 00	16		43	2 + 50	30
14	3 + 25	24		44	2 + 75	34
15	3 + 50	32		45	3 + 00	25
16	3 + 75	62		46	3 + 25	10
17	4 + 00	58		47	3 + 50	9
18	4 + 25	16		48	3 + 75	17
19	4 + 50	44		49	4 + 00	14
20	4 + 75	18		50	4 + 25	11
21	5 + 00	53		51	4 + 50	11
22	5 + 25	19		52	4 + 75	10
23	50	14		53	5 + 00	10

## Kamloons Research

24	5 + 75	11		54	5 + 25	12
25	6 + 00	14		55	5 + 50	11
26	6 + 25	20		56	5 + 75	14
27	6 + 75	11		57	6 + 00	14
28	7 + 00	61		58	6 + 25	8
29	7 + 25	9		59	6 + 50	8
30	7 + 50	21		60	6 + 75	8
KRAL NO.	IDENTIFICATION	ppm Cu		KRAL NO.	IDENTIFICATION	ppm Cu
51	L300N 7 + 00W	26		91	L4+00N 6 + 25	10
62	L3+00N 7 + 25	4		92	6 + 50	5
63	7 + 50	9		93	6 + 75	4
64	7 + 75	6		94	7 + 00	5
65	8 + 00W	10		95	7 + 25	17
66	L4+00N 0 + 00W	15		96	7 + 50	17
67	0 + 25	15		97	7 + 75	31
68	0 + 50	22		98	8 + 00W	9
69	0 + 75	17		99	5 + 00N 0 + 00	8
70	1 + 00	22		100	0 + 25	* 22
71	1 + 25	26		101	0 + 50	24
72	1 + 50	20		102	0 + 75	13
73	1 + 75	16		103	1 + 00	42
74	2 + 00	49		104	1 + 25	42
75	2 + 25	51		105	1 + 50	54
76	2 + 50	55		106	1 + 75	51
77	2 + 75	50		107	2 + 00	44
78	3 + 00	52		108	2 + 25	26
79	3 + 25	18		109	2 + 50	17
80	3 + 50	14		110	2 + 75	17
81	3 + 75	12		111	3 + 00	18
82		9		112	3 + 25	54

13	4 + 25	11			113	3 + 50	10
14	4 + 50	13			114	3 + 75	12
15	4 + 75	12			115	4 + 00	425
16	5 + 00	14			116	4 + 25	146
17	5 + 25	11			117	4 + 50	57
18	5 + 50	12			118	4 + 75	98
19	5 + 75	10			119	5 + 00	55
20	6 + 00	12			120	5 + 25	55
AL NO.	IDENTIFICATION	ppm Cu			KRAL NO.	IDENTIFICATION	ppm Cu
121	5+00N 5 + 50	49			151	L10+00N 5 + 00	17
122	5 + 75	50			152	5 + 25	107
123	6 + 00	11			153	5 + 50	23
124	6 + 25	16			154	5 + 75	15
125	6 + 50	18			155	6 + 00	29
126	6 + 75	12			156	6 + 25	11
127	7 + 00	16			157	6 + 50	20
128	7 + 25	21			158	6 + 75	12
129	7 + 50	17			159	7 + 00	9
130	7 + 75	16			160	7 + 25	8
131	8 + 00	45			161	7 + 50	46
132	L10+00N 0 + 25W	21			162	7 + 75	130
133	0 + 50	10			163	8 + 00	34
134	0 + 75	52			164	8 + 25	26
135	1 + 00	18			165	8 + 50	15
136	1 + 25	23			166	L11+00N 2 + 00W	10
137	1 + 50	24			167	2 + 25	12
138	1 + 75	12			168	2 + 50	22
139	2 + 00	15			169	2 + 75	13
140	2 + 25	14			170	3 + 00	10
141	2 + 50	8			171	3 + 25	12
142	75	11			172	3 + 50	19

Kamloops Research

(8)

&  
Assay Laboratory

LTD.



■ GEOCHEMICAL LAB REPORT

FILE NO. G-510

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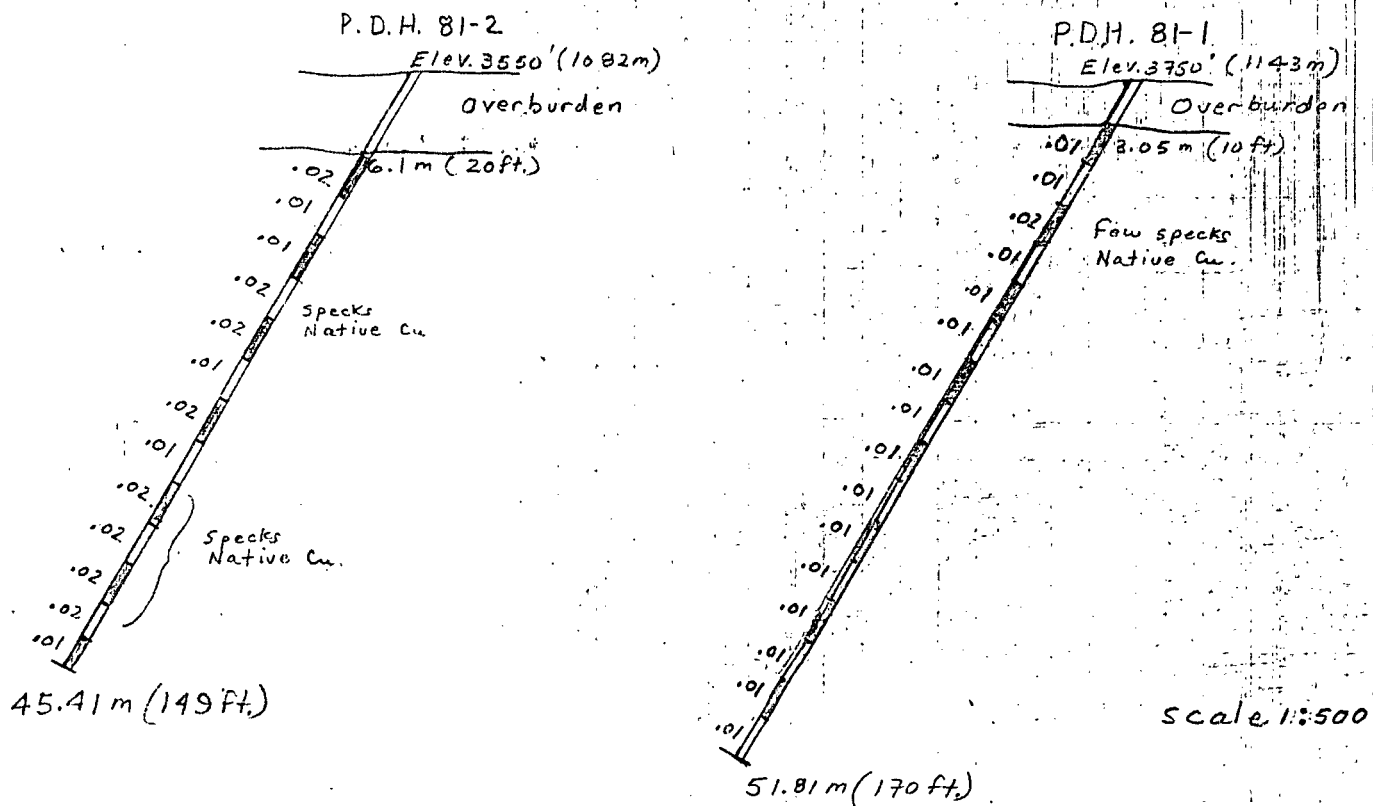
LAB NO.	IDENTIFICATION	ppm Cu			KRAL NO.	IDENTIFICATION	ppm Cu	
181	L11+00N 5 + 75	24			211	L12N 7 + 50	18	
182	6 + 00	13			212	7 + 75	31	
183	6 + 25	11			213	8 + 00	9	
184	6 + 50	28			214	L13N 3 + 00	9	
185	6 + 75	29			215	3 + 25	8	
186	7 + 00	7			216	3 + 50	7	
187	7 + 25	21			217	3 + 75	11	
188	7 + 50	25			218	4 + 00	12	
189	7 + 75	130			219	4 + 25	11	
190	8 + 00	31			220	4 + 50	11	
191	8 + 25	75			221	4 + 75	17	
192	8 + 50	10			222	5 + 00	8	
193	L12N 3 + 00	7			223	5 + 25	17	
194	3 + 25	9			224	5 + 50	18	
195	3 + 50	9			225	5 + 75	21	
196	3 + 75	9			226	6 + 00	16	
197	4 + 00	14			227	6 + 25	12	
198	4 + 25	20			228	6 + 50	6	
199	4 + 50	10			229	6 + 75	95	
200	4 + 75	10			230	7 + 00	11	
201	5 + 00	14			231	7 + 25	12	
202	5 + 25	7			232	7 + 50	13	
203	5 + 50	12			233	7 + 75	5	

Geochemical Soil Analysis

204	5 + 75	77			234	8 + 00W	6	
205	6 + 00	18						
206	6 + 25	14				Cu Method: -80 Mesh		
207	6 + 50	31				Hot Acid Extraction		
208	6 + 75	22				Atomic Absorption		
209	7 + 00	16						
210	7 + 50	13						



(10)  
 Percussion drill hole sections - Tye Claim Group  
 (Assays in % copper plotted)



P.D.H. 81-1: Object - To test I.P. anomaly trend  
 Azimuth 305°, Inclination -60°, overburden 3.05m, length 51.81m  
 Rock type: medium-coarse grained granodiorite  
 chlorite/epidote alteration  
 Anomaly cause: anomalous magnetite concentrations

P.D.H. 81-2: Object - To test I.P. anomaly trend  
 Azimuth 270°, Inclination -60°, overburden 6.10m, length 45.41m  
 Rock Type: medium-coarse grained granodiorite  
 chlorite/epidote alteration, specks dissem. Native Cu.  
 Anomaly cause: anomalous magnetite concentrations

Discussion: Sample analysis and visible analysis of the percussion samples indicate negligible copper potential of the anomalies. Future targets in this area will be based on comparison of I.P. and magnetometer data available, and analysis of soil geochemistry.

# KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

**B.C. LICENSED ASSAYERS  
GEOCHEMICAL ANALYSTS  
METALLURGISTS**

2005 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.  
V1S 1A7

PHONE: (804) 372-2784 — TELEX: 048-8320

## CERTIFICATE OF ASSAY

TO Lawrence Mining Corporation Ltd.

Certificate No. K-3914 2

Date April 27, 1981

I hereby certify that the following are the results of assays made by us upon the herein described \_\_\_\_\_ samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo					
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
21	N.A. { 4021 4022 4023 4024 4025 4026	TR	.13	.22	-					
22		.009	.14	.25	-					
23		.004	.24	.81	-					
24		.001	.22	.87	-					
25		TR	-	.02	.035					
26		TR	-	.03	.004					
27	PDH 81-1	10 - 20	-	.01	-					
28		20 - 30	-	.01	-					
29		30 - 40	-	.02	-					
30		40 - 50	-	.01	-					
31		50 - 60	-	-	.01	-				
32		60 - 70	-	-	.01	-				
33		70 - 80	-	-	.01	-				
34		80 - 90	-	-	.01	-				
35		90 - 100	-	-	.01	-				
36		100 - 110	-	-	.01	-				
37	110 - 120	-	-	.01	-					
38	120 - 130	-	-	.01	-					
39	130 - 140	-	-	.01	-					
40	140 - 150	-	-	.01	-					

**NOTE:**  
Rejects retained three weeks.  
Pulps retained three months  
unless otherwise arranged.



Registered Assayer - Province of British Columbia



# KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

2095 WEST TRANS CANADA HIGHWAY — KAMLOOPS B.C.

V1S 1A7

PHONE. (604) 372-2784 — TELEX. 048-8320

## CERTIFICATE OF ASSAY

**B.C. LICENSED ASSAYERS  
GEOCHEMICAL ANALYSTS  
METALLURGISTS**

TO Lawrence Mining Corporation Ltd.

Certificate No. K-3914 3

Date April 27, 1981

I hereby certify that the following are the results of assays made by us upon the herein described \_\_\_\_\_ samples

Kral No.	Marked	GOLD	SILVER	Cu	Mo					
		Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent
41	PDH 81-1 150 - 160	-	-	.01	-					
42	160 - 170	-	-	.01	-					
43	PDH 81-2 20 - 30	-	-	.02	-					
44	30 - 40	-	-	.01	-					
45	40 - 50	-	-	.01	-					
46	50 - 60	-	-	.02	-					
47	60 - 70	-	-	.02	-					
48	70 - 80	-	-	.01	-					
49	80 - 90	-	-	.02	-					
50	90 - 100	-	-	.01	-					
51	100 - 110	-	-	.02	-					
52	110 - 120	-	-	.02	-					
53	120 - 130	-	-	.02	-					
54	130 - 140	-	-	.02	-					
55	140 - 150	-	-	.01	-					

NOTE:  
Specimens dried five weeks.  
Assays finished three months  
after date of receipt.

Author's Certificate

I, Raymond A. Wells of Merritt, British Columbia do hereby certify that -

1. I am a Geologist employed by Scope Exploration Services Ltd., P.O. Box 1101, Merritt, B.C. and presently contracted as Exploration Geologist for Lawrence Mining Corporation.
2. I am a graduate of the University of British Columbia with a B.S.C. Degree in Geology (1976).
3. I have practised my profession since graduation. My exploration Field experience includes 10 seasons in British Columbia, Yukon, and Northwest Territories, Northern Saskatchewan, and the Arctic Islands. Positions included extensive reconnaissance prospecting, geological mapping and geochemical techniques in the search for base and precious metals. I have planned and implemented property development involving drill supervision, core logging, geological report preparation, and various geophysical surveys.

Recent employers have included Cordilleran Engineering of Vancouver, Pan Ocean Oil Ltd. of Calgary, Trigg Woollett and associates of Edmonton, & Scope Exploration Services Ltd. of Merritt, B.C.

4. This assessment report is based on a study of Lawrence Mining available geologic data, field data collecting - including percussion chip logging, and interpretation of geochemical and drill results.

Respectfully submitted,

Raymond A. Wells, B.S.C.