

Report on a Percussion Drill Program

on the

SOPHIA CLAIM

for

LAKWOOD MINING CO. LTD.

---

Claim: Sophia 7E  
92 I 2E  
50° 18' N. Lat - 120° 44' W. Long.

Owner  
and  
Operator: Vancouver, B.C.  
Lakewood Mining Co. Ltd.

Consultant: Pan-American Consultants Ltd.  
L. Sookochoff, P.Eng.

Date: October 2, 1979

7488

TABLE OF CONTENTS

INTRODUCTION -----	1.
ACCESS -----	1.
HISTORY -----	2.
GEOLOGY AND MINERALIZATION -----	4.
PERCUSSION DRILLING -----	6.
CONCLUSIONS -----	8.
RECOMMENDATIONS -----	9.
COST STATEMENT -----	10.
CERTIFICATE -----	11.

CERTIFICATE OF GEOCHEMICAL ANALYSES

METHOD OF GEOCHEMICAL ANALYSES

ILLUSTRATIONS

		<u>Scale</u>
MAP I	INDEX MAP	1 : 50,000
MAP II	DRILL HOLE LOCATION MAP	1 : 4,000

## INTRODUCTION

During the period April 17-30, 1979, a percussion drill program comprised of six percussion drill holes for 548.6 meters (1800 feet) was completed on the Sophia claim.

The property is comprised of one claim of 20 units situated at the headwaters of Steffans Creek, three km northwest of Swakum Mountain which reaches an elevation of 1,850 meters. Elevation on the property range up to 1,750 meters with a local relief of 200 meters. Much of the ground is of subdued relief with flattish and swampy areas in addition to enveloping Sophia Lake.

## ACCESS

Access is via a paved and gravel highway to 20 km north of Merritt to where a branch road is taken to the west for nine km to the property.

HISTORY

The first of the Swakum Mountain deposits, within two miles east of the Sophia property, was originally discovered in 1916. The discovery and subsequent exploration on adjacent deposits followed with a shipment of 22 tons made in 1917 of ore averaging 4.6% copper from the Last Chance (Lucky Mike). Reported total production from these properties is 26 tons from the Lucky Mike which yielded two ounces of gold, 137 ounces of silver, 1,932 pounds of copper and 1,753 pounds of lead and 89 tons from the Thelma yielding one ounce of gold, 7,419 ounces of silver, 9,683 pounds of lead and 10,237 pounds of zinc. The Alameda reportedly produced three tons of ore yielding one ounce of gold, 52 ounces of silver and 576 pounds of lead.

The Last Chance was restaked as a scheelite prospect in 1942. Reported values are of .25%  $WO_3$  across an average width of 34 feet.

:

Portions of the Sophia property were previously known as the Sunshine, Lee and Lo claim groups which were worked by Vastlode Mining Co. Ltd. Mineralized shear zones within Nicola volcanic rocks were the focal point of interest.

In 1977, prior to the acquisition of the property by Lakewood Mining, an E.M. and magnetometer survey in addition to a preliminary geochemical survey was carried out over localized areas of the property.

In 1978 a localized I.P. survey and "587 feet" of diamond drilling in three holes was completed on the property.

## GEOLOGY AND MINERALIZATION

The Nicola map-sheet 886 A shows the claim area to be underlain by the Nicola Group of rocks comprised of greenstone, volcanics and tuffs intercalated with minor limestone, argillite and conglomerates. The northerly trending Nicola rocks are bounded to the east and west by intrusives of granitic composition. An intrusive plug, not indicated on the map-sheet, outcrops at Rey Lake.

Regionally an asymmetrical anticline with the axis plunging to the south is indicated at the Swakum Mountain deposits. An aplite dyke and one outcrop of granitic rock was found near the Last Chance property.

Large scale northwesterly structures are indicated by the Hector Creek valley to the south and the Rey Creek valley to the north. Northerly and east-west structures are suggested topographically or by smaller scale structures in the area.

On the property and east of Sophia Lake a 175 meter wide limestone bed trends northerly and forms a ridge over 600 meter strike length. The gray coarse granular limestone generally contains numerous random and fracture oriented calcite stringers which average less than

two m.m. Locally brecciated zones occur which contain angular fragments healed with calcite. Patchy red hematite, locally weathered increases in areas of heavier brecciation. From the northern ridge exposure, brecciation increases to an area adjacent to the south trench zone.

The south trench zone, approximately 30 meters west of the limestone exposes a 10 meter wide band of highly fractured argillites with less obvious greywackes and conglomerates. The argillite strikes at  $168^{\circ}$  and dips at  $70^{\circ}$  north.

An intrusive with euhedral feldspar crystals set in a matrix of seriate textured feldspathic ground mass outcrops in the center trench. Occasional sericite up to 10 m.m. long and secondary quartz eyes occur throughout the matrix. A light dusting of sericite on the feldspar is obvious.

Three trenches 500 meters to the northwest of the south zone expose an eight meter wide heavily pyritized shear zone. The shear zone strikes @  $220^{\circ}$ , dips @ 30 to 60 degrees south. Andesite porphyry in addition to a breccia predominate. Calcite and quartz occur as random stringers and cement the breccia fragments. Pyrite in addition to sphalerite, galena and chalcopyrite occurs in association with the calcite and quartz. A gray aphanitic micropegmatite occurs discordantly with the andesite porphyry and is weakly mineralized.

PERCUSSION DRILLING

The percussion drill program was initiated to test correlative anomalies and more specifically I.P. anomalies on the Sophia claim. The results of the drill program were as follows:

P 78-1

Values in Cu, Pb, Zn, Mo and Ag were relatively constant throughout the hole. The most significant value was of Zn from 380-400 which returned approximately three times background.

P 78-2

The significant aspects on the results of assays on this hole are the higher copper and zinc values.

The higher values are attributed to mineralized zones within an altered zone. The location of the hole appears to be within a structural break where mineralization could be localized.

P 78-3

The results of assays from chip samples indicated a significant increase of copper and zinc values from 220 to the bottom of the hole at 290.



The reason for the increased values is due to a rock change to an argillite containing calcite stringers and pyrite disseminations.

P 78-4

Above background zinc values occur over the entire section of the hole. The higher values are due to an andesite with calcite stringers throughout and localized pyrite disseminations.

P 78-5

Above background values again occur within a gray andesite. Values drop off at 140 within a purple andesite with occasional alteration.

P 78-6

Constant low Cu-Zn-Mo values occur within an aphanitic purple andesite.

CONCLUSIONS

The percussion drill program did not indicate a causitive source to the I.P. anomalies tested. Except for minor localized occurrences of pyrite with rare chalcopyrite, sulphide mineralization was not encountered.

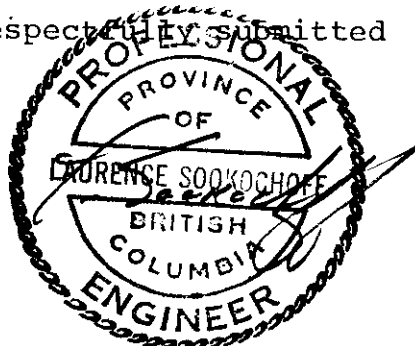
Higher copper-zinc values encountered, although uneconomic, occur within an altered zone intereseected within PH 78-2. The altered zone may be due to a northeasterly structural zone as reflected by the swamp to the north.

The percussion drill program was successful in localizing an area for further exploration.

RECOMMENDATIONS

The area to the east of PH 78-2 should be examined for the causitive source of the higher copper mineralization in the altered zone of PH 78-2.

Respectfully submitted



Laurence Sookochoff, P.Eng.

October 2, 1979  
Vancouver, B.C.

COST STATEMENT

Percussion Drilling	\$10,901.00
1,800 ft. total cost	
Assay costs	<u>1,324.10</u>
	<u>\$12,225.10</u>

7488

CERTIFICATE

I, Laurence Sookochoff, of the City of Vancouver, in the Province of British Columbia, do hereby certify:

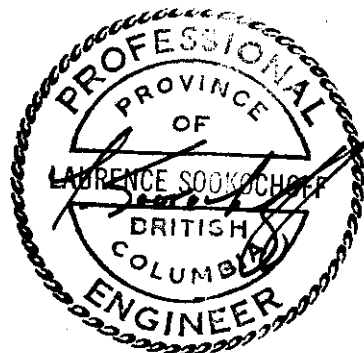
That I am a Consulting Geologist with the firm of Pan-American Consultants Ltd. of 2602 - 1055 West Georgia Street, Vancouver, B.C.

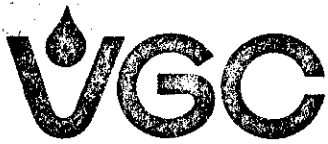
I further certify that:

1. I am a graduate of the University of British Columbia (1966) and hold a B.Sc. degree in Geology.
2. I have been practising my profession for the past thirteen years.
3. I am registered with the Association of Professional Engineers of British Columbia.
4. The information for the accompanying report is based on a personal examination of the property June 8, 1978 and from pertinent government publications.
5. Neither I or Pan-American has direct or indirect interest in the property described herein, or in the securities of Lakewood Mining Co. Ltd. (N.P.L.)

Laurence Sookochoff, P.Eng.  
Consulting Geologist

October 2, 1979  
Vancouver, B.C.





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 AREA CODE: 604

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# Certificate of Geochemical Analyses

-IN ACCOUNT WITH-

Lakewood Mining Co.  
 2245 West 13th Ave  
 Vancouver, B. C. V6K 2S4

Attention:

Report No: 79 52 002 Page 1 of 2  
 Samples Arrived: April 30, 1979  
 Report Completed: May 2, 1979  
 For Project:  
 Analyst: RN  
 Invoice# 2441 Job# 79 038

Sample Marking	Cu ppm	Pb ppm	Zn ppm	Ag ppm		
Sophia #1 10-20	20	20	48	1.5		
(PH 78-1) 20 30	55	25	35	1.7		
30 40	50	35	36	2.0		
40 50	23	32	45	1.9		
50 60	13	31	40	1.8		
60 70	10	31	35	1.8		
70 80	53	40	78	2.4		
80 90	15	55	25	1.8		
90 100	8	40	25	1.9		
100 110	38	50	40	2.3		
110 120	18	40	33	1.9		
120 130	18	54	33	1.8		
130 140	13	44	35	1.3		
140 150	13	55	23	1.9		
150 160	15	50	28	1.3		
160 170	15	46	25	1.3		
170 180	10	41	25	1.8		
180 190	10	36	23	1.8		
190 200	10	46	19	1.8		
200 210	13	31	20	1.8		
210 220	15	36	25	1.9		
220 230	12	32	25	1.3		
230 240	10	37	24	1.8		
240 250	12	35	23	1.7		
250 260	11	34	20	1.3		
260 270	9	25	20	1.6		
270 280	10	30	15	1.6		
280 290	10	30	16	1.6		
290 300	13	35	16	1.7		
300 310	12	31	22	1.7		
310 320	10	32	25	1.7		
320 330	15	42	28	1.3		
330 340	13	40	30	1.7		
340 350	15	41	38	1.8		
350 360	8	35	25	1.7		
360 370	10	40	30	1.8		
370 380	15	40	28	1.9		
380 390	40	25	125	1.8		
Sophia #1 390-400	43	26	125	1.7		

REMARKS:

Signed:



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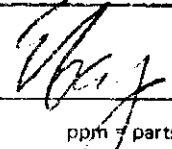
Attention:

Report No: 79 52 005 Page 1 of 1  
 Samples Arrived: filed  
 Report Completed: May 10, 1979  
 For Project: Sophia  
 Analyst: ET  
 Invoice# 2457 Job# 79 045

Sample Marking	Mo ppm				
# 1 200-210	5				
210 220	4				
220 230	6				
230 240	5				
240 250	5				
250 260	4				
260 270	5				
270 280	4				
280 290	4				
290 300	4				
300 310	5				
310 320	5				
320 330	5				
330 340	3				
340 350	4				
350 360	4				
360 370	4				
370 380	4				
380 390	6				
390 400	4				
# 1 400-410	6				

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REMARKS:

Signed: 

% Mo x 1.6683 = % MoS<sub>2</sub>      1 Troy oz./ton = 31.28 ppm      1 ppm = 0.0001%      nd = none detected      ppm = parts per million  
 All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.



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Report No: **79 52 002** Page **2** of **2**  
 Samples Arrived:  
 Report Completed:  
 For Project:  
 Analyst:

Attention:

Sample Marking	Cu ppm	Pb ppm	Zn ppm	Ag ppm		
Sophia #1 400-410	45	25	125	1.7		
Sophia #2 20- 30	65	25	60	1.6		
30 40	120	26	50	2.0		
40 50	198	25	40	2.0		
50 60	20	24	43	1.7		
60 70	15	24	50	1.7		
70 80	100	25	43	2.1		
80 90	100	25	48	1.9		
90 100	80	26	60	1.9		
100 110	73	30	60	1.8		
110 120	133	27	63	1.6		
120 130	82	26	60	1.3		
130 140	99	31	61	2.0		
140 150	97	36	72	1.9		
150 160	110	31	80	1.8		
160 170	108	32	85	1.9		
170 180	110	34	68	1.9		
180 190	87	25	75	1.3		
190 200	70	29	73	1.6		
200 210	145	30	70	1.9		
210 220	123	35	70	1.5		
220 230	123	26	69	1.6		
230 240	112	36	70	1.3		
240 250	120	27	68	1.7		
250 260	105	31	65	1.7		
260 270	83	25	65	1.3		
270 280	112	29	66	1.9		
280 290	103	45	75	1.8		
Sophia #2 290-300	93	26	70	1.6		

REMARKS:

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 Vancouver, B. C. V6K 2S4

Attention:

Report No: **79 52 003** Page **1** of **3**  
 Samples Arrived: **May 7, 1979**  
 Report Completed: **May 9, 1979**  
 For Project: **Sophia**  
 Analyst:  
 Invoice# **2452** Job# **79 044**

Sample Marking	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
# 3 10- 20	4	5	30	12	1.8	
20 30	3	6	32	17	1.4	
30 40	4	6	33	27	1.4	
40 50	4	5	35	48	1.6	
50 60	4	5	34	50	1.7	
60 70	4	10	33	32	1.5	
70 80	3	8	43	23	1.5	
80 90	3	8	31	32	1.4	
90 100	4	5	35	12	1.4	
100 110	4	9	32	20	1.4	
110 120	3	5	30	23	1.3	
120 130	4	4	32	12	1.3	
130 140	4	6	30	26	1.4	
140 150	4	4	30	17	1.5	
150 160	3	5	30	27	1.6	
160 170	3	5	30	24	1.6	
170 180	4	6	30	24	1.4	
180 190	4	5	31	15	1.9	
190 200	4	5	32	20	1.5	
200 210	4	5	28	23	1.7	
210 220	4	11	30	40	1.4	
220 230	5	36	24	140	1.3	
230 240	3	50	23	157	1.2	
240 250	3	50	20	120	1.2	
250 260	2	43	21	94	1.2	
260 270	4	40	20	132	1.0	
270 280	14	39	20	142	1.9	
# 3 280-290	7	45	23	115	1.1	nd
# 4 10- 20	1	30		132		
20 30	4	35		135		
30 40	2	34		147		
40 50	1	30		155		
50 60	2	31		165		
60 70	1	30		180		
70 80	2	40		205		
80 90	1	36		202		
90 100	2	32		185		
100 110	1	35		183		
# 4 110-120	2,	55		210		

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REMARKS:

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% Mo x 1.6683 = % MoS<sub>2</sub>      1 Troy oz./ton = 34.28 ppm      1 ppm = 0.0001%      nd = none detected      ppm = parts per million  
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Report No: **79 52 003**

Page **2** of **3**

Samples Arrived:

Report Completed:

For Project:

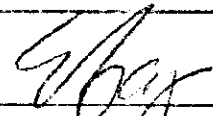
Analyst:

Attention:

Sample Marking	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Sn ppb
#4 120-130	3	70		365		
130-140	2	55	233	235		
140-150	2	43		248		
150-160	3	41		185		
160-170	3	50		215		
170-180	2	48		210		
180-190	2	44		215		
#4 190-200	2	45		225		nd
#5 10- 20		100	20	75	1.0	
20- 30		85	20	100	1.0	
30- 40		42	18	195	1.0	
40- 50		45	15	285	1.0	
50- 60		50	15	375	1.2	
60- 70		50	15	315	1.2	
70- 80		115	23	110	1.2	
80- 90		55	18	193	1.2	
90-100		45	13	260	0.9	
100-110		100	15	250	1.0	
110-120		95	15	290	1.5	
120-130		75	14	195	1.4	
130-140		30	18	92	1.1	
140-150		290	15	80	1.2	
150-160		155	17	140	1.2	
160-170		49	18	90	1.4	
170-180		60	19	100	1.3	
180-190		65	17	80	1.2	
190-200		60	22	95	1.2	
200-210		49	18	85	1.1	
210-220		50	15	82	1.1	
220-230		50	15	82	1.0	
230-240		45	15	75	1.0	
240-250		55	18	80	1.2	
250-260		80	20	82	1.5	
260-270		55	20	82	1.6	
270-280		58	18	75	1.3	
280-290		75	17	75	1.2	
#5 290-300		49	21	75	1.2	nd
#6 20- 30	1	45		60		
#6 30- 40	2	52		65		

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REMARKS:

Signed: 

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1 ppm = 0.0001%

nd = none detected

ppm = parts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.



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-IN ACCOUNT WITH-

**Lakewood Mining Co.**

Attention:

Report No: **79 52 003** Page **3** of **3**  
 Samples Arrived:  
 Report Completed:  
 For Project:  
 Analyst:

Sample Marking	Mo ppm	Cu ppm	Zn ppm	Au ppb		
# 6 40- 50	1	51	70			
50 60	2	56	75			
60 70	1	56	73			
70 80	nd	50	72			
80 90	1	41	70			
90 100	2	40	75			
100 110	1	54	70			
110 120	2	56	65			
120 130	2	30	73			
130 140	1	45	75			
140 150	1	37	75			
150 160	1	38	73			
160 170	1	55	65			
170 180	nd	75	70			
180 190	nd	71	70			
190 200	1	50	70			
200 210	nd	75	75			
210 220	1	60	75			
220 230	1	65	65			
230 240	2	51	60			
240 250	nd	48	65			
250 260	2	41	60			
260 270	1	48	58			
270 280	2	36	70			
280 290	1	50	65			
# 6 290 300	1	40	60	nd		

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986-5211

VANGEOCHEM LAB LTD. 1521 PEMBERTON AVE., NORTH VANCOUVER, B.C., CANADA 604-293-8888

V7P 2S3

December 7, 1979

To: Mr. Sookochoff  
P.O. Box 11122  
# 2602 - 1055 West Georgia Street  
Vancouver, B.C. V6E 3P3

From: Vangeochem Lab Ltd.  
1521 Pemberton Avenue  
North Vancouver, B.C. V7P 2S3

7488

Subject: Analytical procedure used to determine hot acid soluble  
Mo, Cu, & Zn in geochemical silt, soil and rock samples.

Re: Lakewood Mining Co. Report # 79 52 003

1. Sample Preparation

- (a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 3½ x 6½ Kraft paper bags and rock samples in 4" x 6" Kraft paper bags.
- (b) The wet samples were dried in a ventilated oven.
- (c) The dried soil and silt samples were sifted by hands using a 8" diameter 80-mesh stainless steel sieves. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.
- (d) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Methods of Digestion

- (a) 0.50 gram of the minus 80-mesh samples was used. Samples were weighed out by using a top-loading balance.
- (b) Samples were heated in a sand bath with nitric and perchloric acids (15% to 85% by volume of the concentrated acids respectively).

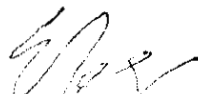
.....2

(C) The digested samples were diluted with demineralized water to a fixed volume and shaken.

3. Method of Analysis

Mo, Cu, & Zn analyses were determined by using a Technicon Atomic Absorption Spectrophotometer Model AA4 or Model AA5 with their respective hollow cathode lamps. The digested samples were aspirated directly into an air and acetylene flame, but Mo digestion were aspirated into an acetylene and nitrous flame. The results, in parts per million, were calculated by comparing a set of standards to calibrate the atomic absorption unit and displayed in a strip chart recorder.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. Eddie Tang and the laboratory staff.

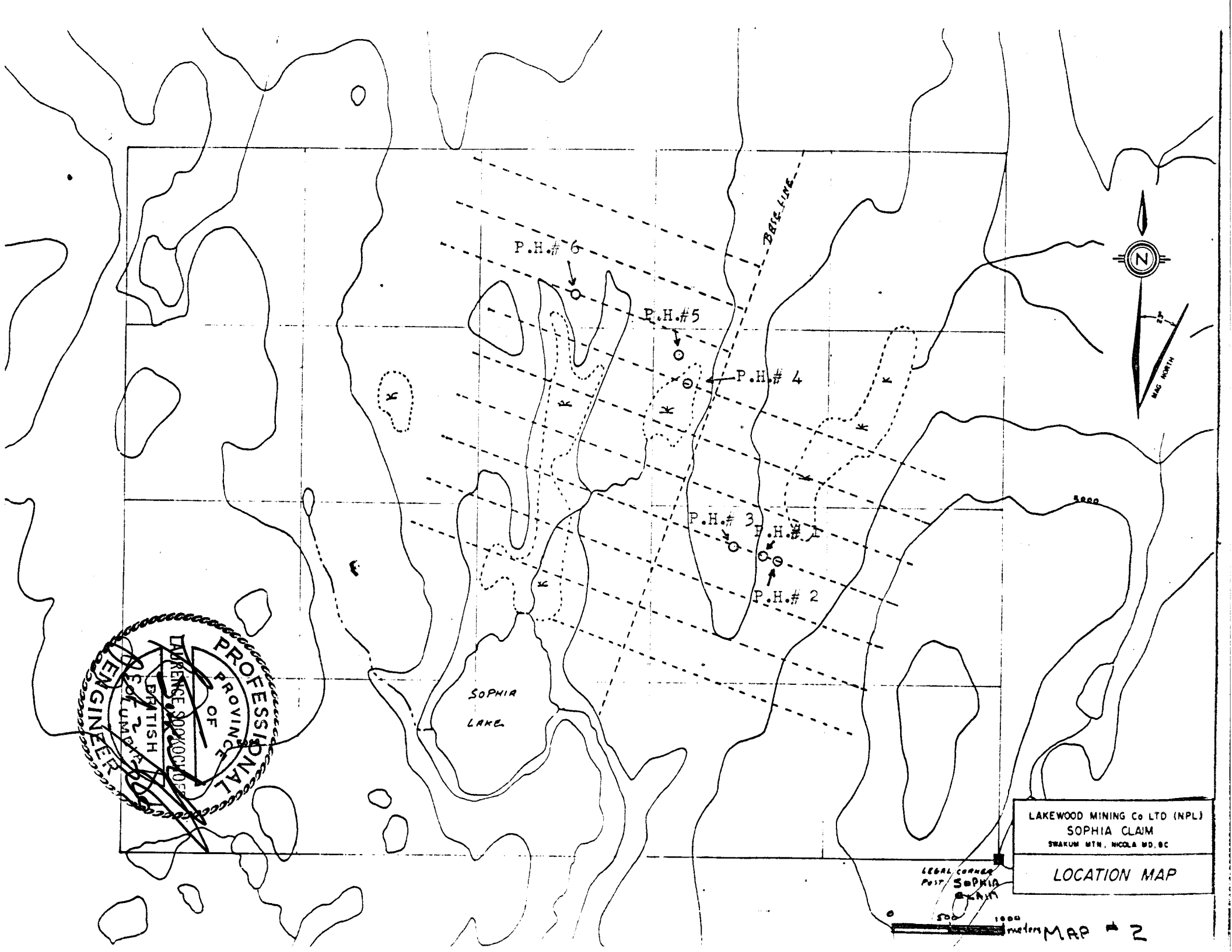


---

Eddie Tang

VANGEOCHEM LAB LTD.

ET:jl



P.H.# 6

P.H.# 5

P.H.# 4

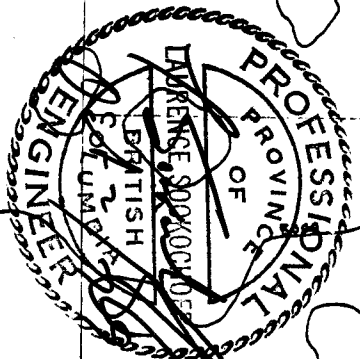
P.H.# 3

P.H.# 1

P.H.# 2

BASELINE

SOPHIA  
LAKE

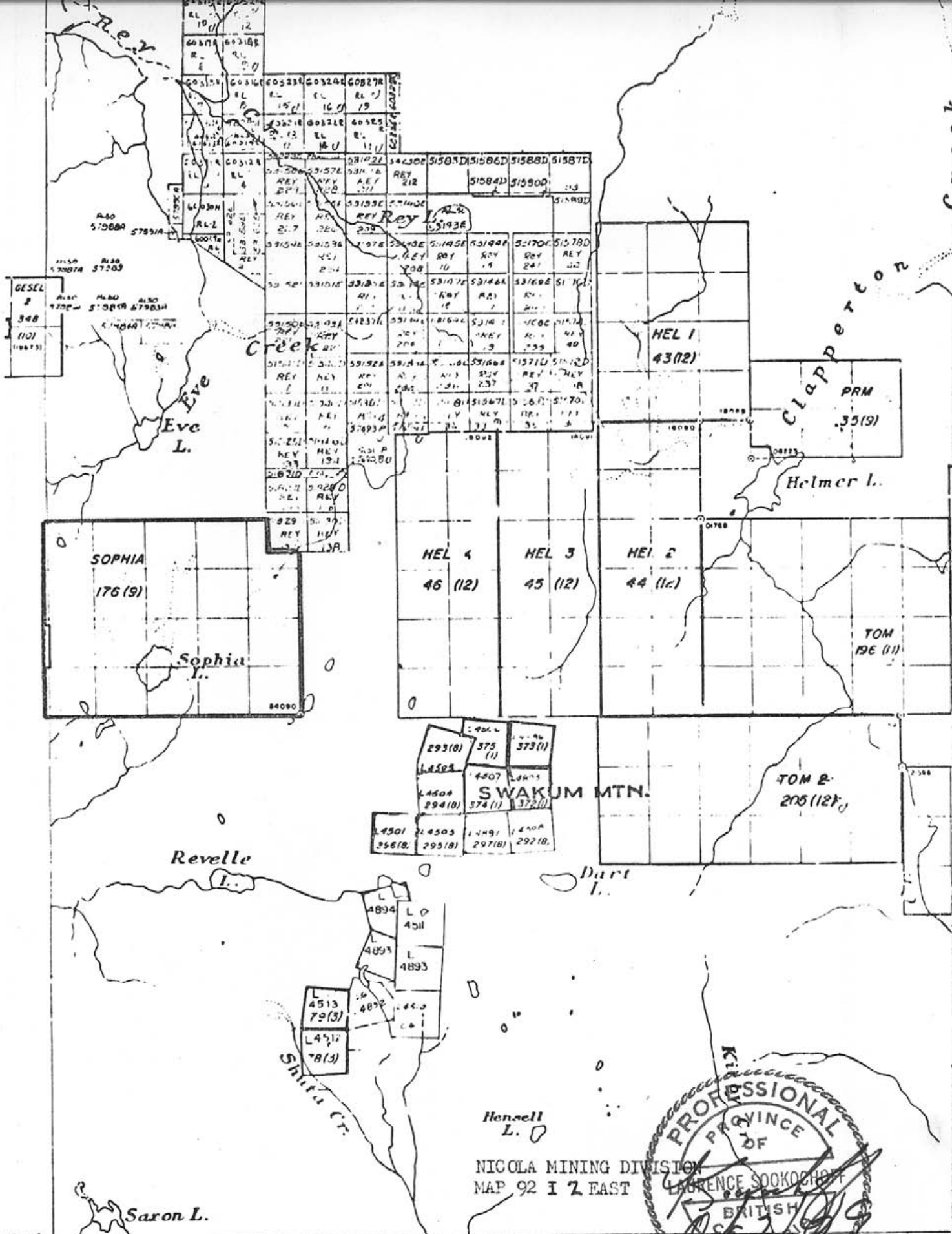


LAKEWOOD MINING Co LTD (NPL)  
SOPHIA CLAIM  
SWAKUM MTN, NICOLA B.C.

LOCATION MAP

LEGAL CORNER  
POST SOPHIA  
B.C.

500 1000 meters MAP # 2



50°15'  
120°45'

NICOLA MINING DIVISION  
MAP 92 I 2 EAST

MAP # 1  
INDEX MAP



CLAIM NO. Sophia

# DIAMOND DRILL RECORD

PROPERTY.....

HOLE NO. PH 78-1

LATITUDE..... ELEVATION..... BEARING  $35^{\circ}$  DEPTH 410 ft. STARTED..... COMPLETED.....

DEPARTURE..... SECTION..... DIP  $-55^{\circ}$  DRILLED BY..... LOGGED BY L. Sookochoff, P.Eng.

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
0-190	Meta andesite with moderate chlorite and epidote alteration. Calcite and quartz fragments increasing to 90. Light pyrite disseminations at 50 increasing to moderate at 120. Red hematite throughout.								
190-380	Impure limestone - light to dark grey with localized mottling and white calcite veinlet fragments								
390-410	Argillite - black with white calcite frags.								

7488





CLAIM NO. Sophia

## DIAMOND DRILL RECORD

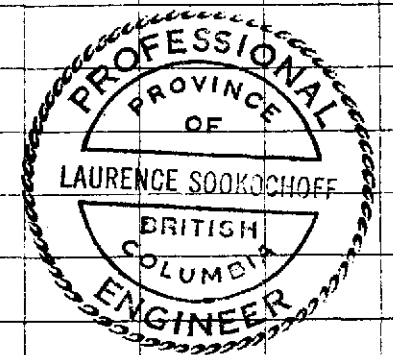
PROPERTY.....

HOLE NO. PH 78-2

LATITUDE..... ELEVATION..... BEARING 090° DEPTH 300 ft. STARTED..... COMPLETED.....

DEPARTURE..... SECTION..... DIP -70° DRILLED BY..... LOGGED BY L. Sookochoff, P.Eng

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
0-60	Meta andesite with moderate chlorite and epidote alteration. Light to moderate calcite fragments. Red hematite throughout								
60-300	Greenstone - heavily altered to chlorite with moderate epidote. Calcite and rare quartz frags. throughout. Localized light pyrite. Moderate calcite to 210. Decreasing chlorite alteration 220 +								



CLAIM NO. Sophia

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. PH 78-3

LATITUDE \_\_\_\_\_

ELEVATION \_\_\_\_\_

BEARING 270

DEPTH 290 ft.

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

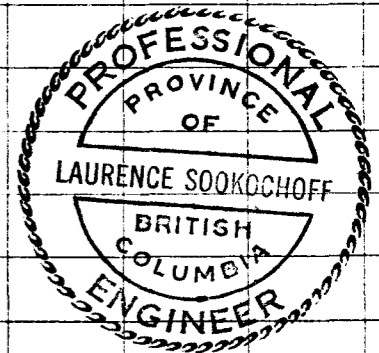
SECTION \_\_\_\_\_

DIP -70°

DRILLED BY \_\_\_\_\_

LOGGED BY L. Sookochoff P.Eng.

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
0-200	Impure limestone - light grey to blackish grey with light to dark brown mottled appearance.								
200-290	Argillite - black with fragments calcite from stringers. Light pyrite disseminations beginning at 230 increasing to 260 decreasing to 290								
300	End of Hole								



CLAIM NO. Sophia

# DIAMOND DRILL RECORD

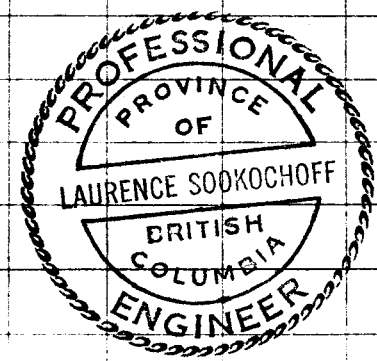
PROPERTY .....

HOLE NO. <sup>PH</sup> 78-4

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH 200 ft. STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP -90° DRILLED BY ..... LOGGED BY L. Sookochoff P.Eng.

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
0-200	Andesite - aphanitic to fine grained dk. grey to black unaltered. Rare calcite fragments throughout. Light pyrite disseminations 60-70; 130-140; local heavy py @ 100-110; 140-150 Occasional quartz frags @ 20-40; 170-180.								
200	End of Hole								



CLAIM NO. Sophia**DIAMOND DRILL RECORD**

PROPERTY .....

HOLE NO. <sup>PH</sup> 78-5

LATITUDE .....

ELEVATION .....

BEARING .....

DEPTH 300 ft.

STARTED .....

COMPLETED .....

DEPARTURE .....

SECTION .....

DIP .....

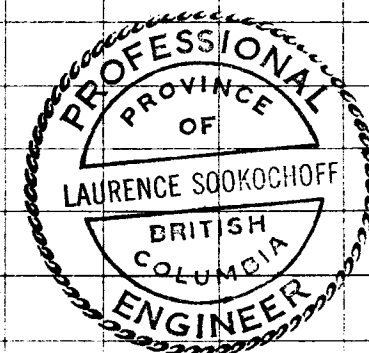
-90°

DRILLED BY .....

LOGGED BY .....

L. Sookochoff, P.Eng

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
0-140	Andesite - aphanitic gray with occasional black and fine grained to 140. Occasional calcite fragments. Light pyrite to 130. Localized chalcopyrite 40-60, 90-100, 130-140. Quartz frags. throughout. Pyrite and chalcopyrite associated with quartz.								
140-300	Andesite - aphanitic purple with occasional grey and chloritic and epidote altered fragments. Calcite fragments and rare quartz fragments throughout. Rare localized pyrite disseminations.								
300	End of Hole								



CLAIM NO. Sophia

# DIAMOND DRILL RECORD

PROPERTY .....

HOLE NO. PH 78-6

LATITUDE .....

ELEVATION .....

BEARING .....

DEPTH 300 ft.

STARTED .....

COMPLETED .....

DEPARTURE .....

SECTION .....

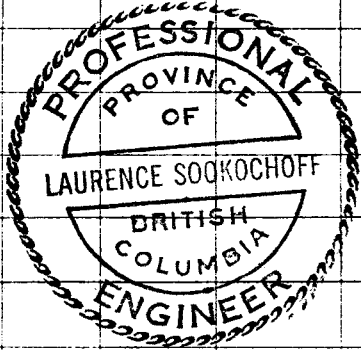
DIP -90°

DRILLED BY .....

LOGGED BY L. Sookochoff P.Eng.

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
0-300	Meta andesite - aphanitic purple with up to 50% altered fragments (predominantly chlorite with epidote from 120-280)								

7488



Cost Statement of Percussion Drilling on Sorhia Claim

Drilling 1,800 ft. at \$4 per ft.	\$ 7,200.00	
Parts, transportation, supplies	3,464.80	
Accommodation (Motel)	<u>237.20</u>	
	\$10,901.00	\$10,901.00

Assay

April 1979, report # 7952001	\$ 479.50	
" 7952002	362.60	
" 7952003	408.25	
" 7952004	42.25	
" 7952005	<u>31.50</u>	
	\$1,324.10	<u>1,324.10</u>
		\$12,225.10

  
Charles Boitard, President

H.N. HORNING PERCUSSION DRILLING LTD.

c/o Jarrett, Goold & Elliott

Ste. 200-186 Victoria Street

KAMLOOPS, B.C.

V2C 5R3

7488

May 22, 1979

Lakewood Mining  
2245 West 13th Avenue  
Vancouver, B.C.  
V6K 2S4

STATEMENT OF ACCOUNT

Job Site - Whistler Mountain

<u>1979</u>	<u>Hole</u>	<u>Footage From</u>	<u>Drilled To</u>	<u>Total Ft.</u>
April 4	#1	0	120	120
5	#2	0	150	150
6	#2	150	220	70
7	#3	0	260	260
12	#4	0	220	220

Job Site - Merritt

April 23	501A #1	0	200	200
24	501A #1	200	340	140
25	501A #1	340	410	70
28	501A #2	0	300	300
May 2	501A #3	0	290	290
3	501A #4	0	200	200
3	501A #5	0	150	150
4	501A #5	150	300	150
4	501A #6	0	170	170
5	501A #6	170	300	130

2,620  
=====

2,620 Feet drilled @ \$4.00 per ft.	\$10,480.00
12 Hr. field cost (waiting for cat)	275.00
63 Miles moving to Merritt @ \$1.25 per mile	78.75
32 Hr. cat time @ \$35.00 per hr.	1,120.00
34 rods left in hole 501A #1 Merritt @ \$79.55 ea.	2,704.70
34 couplings left in hole 501A #1 Merritt @ \$16.70 ea.	567.80
1 bit	57.30
18 Hr. travelling time @ \$7.50	135.00
<b>Total Billing for April 4 - May 5, 1979</b>	<b>\$15,418.55</b>

=====



VANGEOCHEM LAB LTD.

604-988-2171

1521 PEMBERTON AVE., NORTH VANCOUVER, B.C. CANADA

IN ACCOUNT WITH:

Lakewood Mining Co.  
2245 West 13th Ave.  
Vancouver, B. C.  
V6K 2S4

INVOICE: 2450

DATE: May 9, 1979

TERMS: NET 21 DAYS

FOR REPORT 79 52 004

PROJECT:

~~SOPHIA~~  
SOPHIA

ORDER NO 79 043

8 soil sample for preparation	@\$0.45	\$ 3.60
1 rock sample for preparation	@\$1.75	\$ 1.75
9 trace analysis for No,Cu,Pb,Zn,Ag,	@\$4.10	\$36.90
<b>total:</b>		<u>\$42.25</u>

GUEST REGISTRATION

*Copper Valley Motel  
Box 670  
Sherritt B.C.*

NAME: LAKEWOOD MINING  
PLEASANT

COMPANY: LAKEWOOD MINING  
ADDRESS: 2245 W-13<sup>TH</sup> AVE  
VANCOUVER  
CREDIT CARD #  
DATE IN: April 30  
DATE OUT: May 4  
ROOM NO: 14  
NO. IN PARTY: 1  
CLERK INITIAL: CHX/HCB  
PROV. STATE: B.C.

MENT RECEIVED BY: Personal Cheque M. Gray

INVOICE THIS IS THE ONLY ITEMIZED ACCOUNT RENDERED

DAYS OCCUPIED	
SUNDAY	
MONDAY	✓ 16.00
TUESDAY	✓ 16.00
WEDNESDAY	✓ 16.00
THURSDAY	✓ 16.00
FRIDAY	✓ 16.00
SATURDAY	
TOTALS	80.00
5% TAX	4.00
AMOUNT RECEIVED ON ACCOUNT	
<b>TOTAL</b>	<b>\$ 84.00</b>

STOCK FORM 1000-3 MOTEL

*Charm Burt*

Received From .....  
Date *May 17 1979* Rental Unit # .....  
For *11* days at \$ *16.00* \$ *153.20*

"Thank You"

*Chaque # 139*





VANGEOCHEM LAB LTD.

936-5211  
604-988-2172

1521 PEMBERTON AVE., NORTH VANCOUVER, B.C.  
CANADA

IN ACCOUNT WITH:

Lakewood Mining Co.  
2245 West 13th Ave.  
VANcouver, B. C.  
V6K 2S4

INVOICE: 2 4 5 7

DATE: May 10, 1979

TERMS: NET 21 DAYS

FOR REPORT

79 52 005

PROJECT: Sophia

ORDER NO 79 045

21 trace analysis for Mo,

@\$1.50

\$31.50



VANGEOCHEM LAB LTD.

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1521 PEMBERTON AVE., NORTH VANCOUVER, B.C.  
CANADA

IN ACCOUNT WITH:

Lakewood Mining Co.  
2245 West 13th Ave.  
Vancouver, B. C.  
V6K 2S4

INVOICE: 2 4 5 2

DATE: May 10, 1979

TERMS: NET 21 DAYS

FOR REPORT

79 52 003

PROJECT: Sophia

ORDER NO 79 044

104 soil sample for preparation	@\$0.45	\$ 46.30
4 trace analysis for Au,	@\$3.75	15.00
28 trace analysis for Mo,Cu,Pb,Zn,Ag	@\$4.10	114.80
47 trace analysis for Mo,Cu,Zn,	@\$2.30	131.60
29 trace analysis for Cu,Pb,Zn,Ag,	@\$3.45	100.05
	total:	<u>\$493.25</u>



VANGEOCHEM LAB LTD.

604-988-2172

1521 PEMBERTON AVE., NORTH VANCOUVER, B.C.  
CANADA

IN ACCOUNT WITH:

Lakewood Mining Co.  
2245 West 13th Ave.  
Vancouver, B. C.  
V6K 2S4

INVOICE: 2 4 2 7

DATE: April 19, 1979

TERMS: NET 21 DAYS

FOR REPORT 79 52 001

PROJECT: *SOPHIA*

ORDER NO. 79 030

70 sample preparations:

Greater samples, transfer samples to a Hi-wet  
strength bag and dry for two days

Grind sample to -100 mesh

70 trace analysis for Mo, Cu, Pb, Zn, Ag,

@\$1.00 \$ 70.00

@\$1.75 \$128.50

@\$4.10 \$297.00

total:

\$479.50



VANGEOCHEM LAB LTD.

936-5211

604-988-2172

1521 PEMBERTON AVE., NORTH VANCOUVER, B.C.  
CANADA

IN ACCOUNT WITH

Lakewood Mining Co.  
2245 West 13th Ave.  
Vancouver, B. C.  
V6K 2S4

INVOICE 2 4 4 11

DATE May 2, 1979

TERMS: NET 21 DAYS

FOR REPORT 79 52 002

PROJECT: *SOPHIA*

ORDER NO. 79 033

68 sample preparation

68 trace analysis for Cu, Pb, Zn, Ag

@\$1.75

\$119.00

@\$3.45

243.60

Total

\$362.60

*Paid  
May 21, 1979  
Cheque # 156*