

2187

REPORT ON  
GEOCHEMICAL, AND GEOPHYSICAL  
(MAGNETOMETER AND INDUCED POLARIZATION) SURVEYS  
ON THE  
W. J. MINERAL CLAIM GROUP, 50° 120° S.E.  
HIGHLAND VALLEY, BRITISH COLUMBIA  
IN THE  
KAMLOOPS MINING DIVISION  
FOR  
LAURA MINES LTD. (NPL)  
APRIL 18 - AUGUST 30, 1969.

DECEMBER 12, 1969.

M.P. STADNYK, B.Sc.

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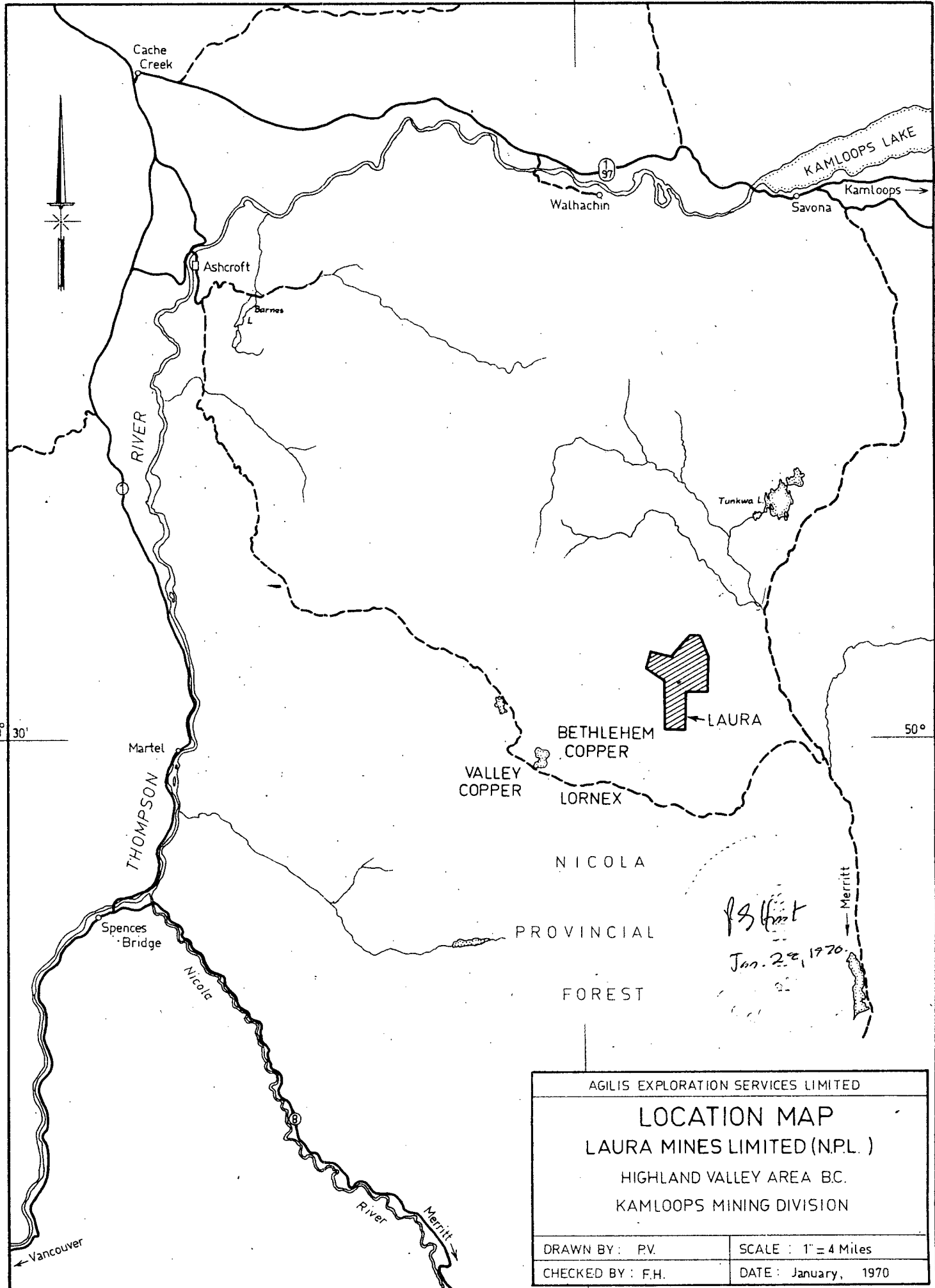
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**Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT**

NO. 2187 MAP.....

121°00'



50° 30'

50° 30'

AGILIS EXPLORATION SERVICES LIMITED

**LOCATION MAP**  
**LAURA MINES LIMITED (N.P.L.)**  
 HIGHLAND VALLEY AREA BC.  
 KAMLOOPS MINING DIVISION

DRAWN BY : P.V.  
 CHECKED BY : F.H.

SCALE : 1" = 4 Miles  
 DATE : January, 1970

121°00'

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT

NO. 2187 MAP #1

## INTRODUCTION

The WJ mineral claim group consists of 58 contiguous mineral claims and fractions situated one and a half miles east of Bethlehem Copper Corporation's mine in the Highland Valley area of British Columbia.

The property is held by option agreement by Laura Mines Ltd. (NPL) from J. S. Christie and K. W. Livingstone, of Richmond, British Columbia.

The following work was completed by Laura Mines Ltd. between April 16 and August 30, 1969. Road and camp construction, mineral claim survey, line cutting, geochemical, magnetometer and induced polarization surveys. A limited amount of geological mapping was also completed.

The camp consisted of four framed tents capable of housing twelve men. Tent frames have subsequently been removed by unknown persons since September, 1969.

Copper mineralization is exposed at the southern end of the property in trenches ("BX Trenches") excavated by Noranda Mines Ltd. in 1958.

## LOCATION AND ACCESS

The WJ mineral claim group is situated  $1\frac{1}{2}$  miles north-east of Bethlehem Copper Corporation's Jersey Pit, Highland Valley, B. C., or approximately 20 miles south-east of Ashcroft, B. C.

Co-ordinates are  $120^{\circ} 56'$  west longitude and  $50^{\circ} 31'$  north latitude.

Access to the property is possible by a number of unpaved, somewhat rough roads. From the north it can be reached from the Bethlehem Mine road via Bose Lake. Two roads from the south end of the property connect with the Highland Valley - Merritt road.

## HISTORY

This ground has been held by a number of companies in the past fifteen years. In 1958, Noranda Exploration Company

Limited optioned this ground from Torwest Resources Ltd., and the BX Mining Company Limited. Work carried out included an electromagnetic survey, geological mapping, bulldozer trenching and road construction. The option was dropped in the same year. Valley Copper Mines Limited later acquired the ground and held it for a number of years to 1968. An induced polarization survey was carried out on the extreme west and north-western portions of the property in 1965. Two and possibly three percussion holes were mistakenly (?) drilled on the northern-western edges during the winter of 1968-1969 by Cominco.

The WJ claim group was staked by J. S. Christie and K. W. Livingstone in October of 1968. A few fractions were staked at later dates.

The property was optioned to Laura Mines Ltd. (NPL) in December, 1968.

#### MINERAL CLAIMS

The WJ mineral claim group include the following claims located in the Kamloops Mining Division.

<u>Claim Name</u>	<u>Record Number</u>	<u>Date Recorded</u>	<u>Staker</u>
WJ 1-12	73156-167	Oct 17/68	J.S. Christie
WJ 13-19	53725-731	Oct 25/68	"
WJ 21-23	73732-734	"	"
WJ 31-34	73735-738	"	"
WJ 41	73739	"	"
WJ 43	73741	"	"
WJ 48 Fr; 49, 50Fr.	73745-747	"	"
WJ 53	73748	"	"
WJ 63-76	73749-762	"	"
WJ 78	73764	"	"
WJ 80	73766	"	"
WJ 82	73768	"	"
WJ 84 Fr; 85	73769-770	"	"
WJ 87-88	73771-772	"	"
WJ 89 Fr.	73777	Nov 28/68	"
Boot #2 Fr.	79410	Apr 29/69	"
Boot 1, 3 Fr.	79409, 79411	Apr 29/69	K.W. Livingstone
107 Fr.	81444	July 4/69	* C.D.A. Comba

\* Employee of Laura Mines Ltd. (NPL)

## SURVEYS

### Grid

A grid suitable for geochemical and geophysical surveys was cut out by Amex Exploration Services Ltd., of Kamloops, assisted by personnel supplied by Laura Mines Ltd.

A total of approximately fifty-eight miles (306,000 feet) was cut out as shown on the accompanying survey maps. The Grid comprises of a north-south base line 16,000 feet long, with east-west cross lines at 400 foot intervals, except between 28N and 100N where the crosslines were spaced at 200 foot intervals. Pickets which were chained off, marked and flagged, were placed at 200 foot intervals on all lines. Some lines had pickets at 100 foot intervals but no record was made of these lines.

Amex Services cut out 54.5 miles of grid at a charge of \$105 per mile for axe work only. Laura Mines cut out the base line (16,000), and used chain saws to clean up all lines cut by Amex.

Two to four men from Laura Mines commenced line cutting on May 19 and finally finished on July 26, 1969. Amex personnel (4-8 men) were on the property from June 1 to June 25, 1969.

## GEOCHEMICAL SURVEY

### Soil Sampling

1,567 soil samples were taken by two Laura personnel between June 23 and August 2, 1969. A number of working days were lost because of excessively wet weather conditions.

Samples were taken at 200 foot intervals on all lines, with additional samples taken in drainage areas such as creek beds, bogs and swamps. Each hole was dug using a mattock to a depth of approximately 10 inches, but some samples were taken as deep as 18 inches. A spoon was used to take the soil sample which was placed in a marked kraft paper envelope. The following data was recorded for each sample :- sample number, location, vegetation cover, description of soil type, texture and colour, sample depth, estimate of overburden where possible, and other comments.



### GEOCHEMICAL ANALYSIS

All samples were sent to Chemex Labs Ltd., of North Vancouver, B.C. where they were tested for copper in parts per million. Method of preparation consisted of a four hour hot perchloric-nitric acid digestion period. Concentration of solvents were 70% perchloric acid and concentrated nitric acid in the proportion of 5:3. Analysis was by atomic absorption.

Certificates of analysis are included with this report.

### GEOCHEMICAL SURVEY INTERPRETATION

Statistical analysis of all determinations using copper ppm range vs cumulative frequency percent revealed a background value of 44 ppm CU. and anomalous values above 82 ppm CU.

14.5% of all determinations fall within the anomalous zone but when the values are plotted on the accompanying geochemical survey map, it is apparent that many plot as scattered highs and little significance can be placed upon these readings.

One strong anomalous zone (with one value as high as 3400 ppm CU.) trends north-west from 48+00N, 28+00E to 108+00N, 66+00E. This zone coincides with or parallels a topographic depression where copper mineralization has been found in altered granitic rocks. This anomaly can be considered important.

A small narrow zone from 132+00N, 70+00E to 144+00N, 76+00NE is associated with a drainage feature and may be a continuation of the zone reported above.

Other zones east of the base line which are associated with swampy areas are considered to be of only minor importance as no rock alteration has been found on nearby outcrops.

### GEOPHYSICAL SURVEYS

MAGNETOMETER SURVEYEquipment

The magnetometer survey was conducted using a sharpe Model MF1 Fluxgate, serial number 30544, with readings taken at 200 foot intervals on all lines. This instrument is self orientating requiring only course leveling. Temperature compensations have been built into the instrument. Readings on the lowest scale range can be read to 20 gammas and estimated to 5 gammas. Scale ranges from minus 100,000 to plus 100,000 gammas. A high latitude adjustment permits zeroing of the instrument at any location.

Field Procedures

The magnetometer was zeroed for the property at a master base station near the camp at 160+00N on the base line. Base stations were established at 400 foot intervals along the base and tie lines. Corrections were then applied to these stations using the master station for control.

Readings were then taken at 200 foot intervals on all cross lines with each traverse starting and finishing on an established base station. Elapsed time per traverse was generally around 40 minutes and seldom exceeded one hour.

Diurnal variation tolerance for any traverse was one gamma per minute elapsed and actual variation was usually considerably less.

Corrections

Compensations built into the instrument eliminate any need for temperature corrections being applied to the field readings. Diurnal corrections were applied to all readings and were determined by the difference from the correct readings between the initial and final base stations of each traverse. This variation is assumed to be linear and the correction for any one reading in a traverse is the diurnal variation multiplied by the ratio: time elapsed when reading taken, divided by total time elapsed in the loop.

## Interpretation

Reading range from - 120 to +2070 gammas.

The contours of the plotted readings on the magnetometer survey map reveal a strong northerly trend of various zones which correlate well with known rock types, topography, and geochemical anomalies. There is a slight increase in overall magnetic values from east to west. This also correlates with a suspected rock change on the north western sector of the property.

A strong north trending linear anomaly (between +300 gammas) from 48+00N to 74+00N on or parallel the base line correlates with a copper mineralized alter granitic zone in the same area.

The continuation of this feature (reading up to +700 gammas) indicate the possibility of a narrow but not mineralized zone to the northern boundary of the property on line 164+00N, at 44+00E to 50+00E. The lower anomaly at 48+00E to 50+00E from 156+00N to 164+00N could indicate alteration plus mineralization and should be carefully checked in the field.

The magnetometer survey readings have revealed low or negative anomalies which correlate well with geochemical anomalies and more closely with known geology of the WJ claim group. It can and should be used for follow-up surveys and geological mapping next field season.

## INDUCED POLARIZATION SURVEY

22.8 miles of reconnaissance induced polarization survey and 3.8 miles of detailed survey was completed by Geo Science Incorporated of Cambridge, Massachusetts. The colinear dipole-dipole array was used for all work. Equipment used was of standard frequency domain type.

Details of this survey can be found in a separate report which is being prepared by GeoScience Incorporated.

## RESULTS OF I.P. SURVEY

- Detail survey data revealed two anomalous zones :-
1. from 56N to 72N in the vicinity of the base line, and
  2. a broad zone on lines 156N, 152N, and possibly on 148N, in the vicinity of 44E, and 58-60E.

PERSONNEL

Supervision of the 1969 field programme on the WJ mineral claim group for Laura Mines Ltd. (NPL) was provided by M. P. Stadnyk (Geologist).

The property manager was C. D. A. Comba who was employed from April 15 to September 2, 1969.

Other Laura Mines Ltd. employees and their duration of stay were :-

B. E. Blackman	May 27 - August 8, 1969.
F. De Jong	May 15 - July 15, 1969.
I. LeCheminant	May 1 - August 17, 1969.
C. MacDonald	May 27 - August 8, 1969.
A. Olsen	May 27 - August 2, 1969.
E. Pincombe	May 14 - May 17, 1969.
G. Wilson	May 22 - May 24, 1969.
M. Weddell	August 19 - August 23, 1969.

Blackman, DeJong and Pincombe served as cook at one time or another. DeJong suffered a leg injury and was placed on Workmen's Compensation for the balance of the field season.

With the exception of Wilson and Pincombe, the rest of the crew worked on line cutting. Later, DeJong, Olsen, and MacDonald soil sampled, and MacDonald also conducted the magnetometer survey.

Comba, the property manager, also cooked, surveyed claims and did limited geological mapping.

CAMP

A camp consisting of four framed tents (plywood floors and walls) was set up during the first half of May. Dimensions of these tents were :- 12x14 feet (2) and 15x17½ feet (2). One of the smaller tents served as a cook house.

A fire pump and other safety equipment was provided. The camp served as quarters for Laura, Amex and Geo-Science personnel.

At the end of the season two tent frames were dismantled and the other two were stolen in late October.

#### EQUIPMENT

A 1963 one ton Mercury truck was purchased in the Spring for use on this property. Other major purchases for this project included two Homelite chain saws, a Homelite fire-pump with 300 feet of hose, four tents with flies and approximately 1000 dollars worth of plywood and framing materials.

A 3/4 ton 4x4 was also used to transport men and materials to the camp, especially during the Spring while muddy conditions prevailed.

#### SUMMARY

During the period April to August 30, 1969 a comprehensive search for copper mineralization was carried out by Laura Mines Ltd. (NPL) on the WJ mineral claim group, one and one-half miles north-east of Bethlehem Copper Corporation's Jersey Pit, in the Highland Valley region of south-eastern British Columbia.

This search included geochemical, magnetometer and induced polarization surveys over a 200 and 400 foot grid. A careful survey of mineral claims was made and open ground staked. Limited geological mapping, including check mapping of known geology plus new areas, was also carried out.

Results of this search revealed two anomalous zones.

The southern zone, which was known to be mineralized is approximately 400 feet wide and trends northerly for a distance of at least 2500 near the base line.

The north-western zone is largely in a swampy area where a lower magnetic zone correlates reasonably well with a low order induced polarization survey anomaly. No copper mineralization was noted on the surface in this area.

RECOMMENDATIONS

Diamond drilling, as suggested by GeoScience Incorporated, is recommended for the north-western zone.

Diamond drilling is also recommended for the southern zone in the vicinity of the mineralized trenches to test for persistence of copper mineralization at depth.

Detailed geological mapping, magnetometer survey and consideration of an electromagnetic survey are also recommended for the next field season.

REPORT RESPECTFULLY SUBMITTED

*W. P. Stadnyk*

*P. S. Hirst*

*Jan. 22, 1970*

DECLARATION OF EXPENDITURESLine Cutting

Amex Exploration Services Ltd., Kamloops \$ 5462.00

Wages

B. Blackman - May 27-Aug 8/69. @ \$455 per mo.	\$ 1137.00	
D. Comba - April 15-Sept 2/69. @ \$800 per mo.	2850.00	
F. DeJong - May 15-July 15/69. @ \$480 per mo.	960.00	
J. Fraser - May 9-May 27/69. @ \$375 per mo.	240.00	
I. LeCheminant - May 1-Aug 17/69. @ \$455 per mo.	1595.00	
C. MacDonald - May 27-Aug 17/69. @ \$455 pper mo.	1255.00	
A. Olsen - May 27-Aug 2/69. @ \$455 per mo.	1035.00	
E. Pincombe - May 14-May 17/69. @ \$16 per Day	64.00	
G. Wilson - May 22-May 24/69. @ \$16 per Day	<u>48.00</u>	9184.00

Camp

Materials, equipment and food  
(May 1-Aug 31, 1969) 6962.00

Transportation

Can West Investments Ltd. 4x4 Truck Rental	\$1047.00	
Repairs to Laura Truck	<u>829.00</u>	1876.00

Assaying

Chemex Labs Ltd., Geochemical Determinations 1701.00

Supervision

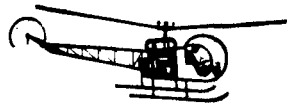
M.P. Stadnyk (Fees - \$3330; Expenses \$665)	\$3995.00	
P. Hirst - Consulting Geologist	<u>521.00</u>	<u>4516.00</u>

TOTAL \$29,701.00

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# AMEX EXPLORATION SERVICES LTD.

CONFIDENTIAL WORK

BOX 286, KAMLOOPS, B.C.

December 15, 1969

Laura Mine s Limited,  
1770-777 Hornby Street,  
Vancouver 1, B.C.

Attention: Mr. M.P. Stednyk

The following is a breakdown of our personnel engaged, and direct costs incurred during completion of 50.5 miles of grid preparation on your Highland Valley Property. This work was completed from June 3rd to 28th, 1969:

<u>PERSONNEL ENGAGED</u>	<u>TIME EXPANDED</u>	<u>WAGES</u>	
M. Giesbrecht	19 days	\$ 666.90	
J. Anderson	19 days	666.90	
H. Rothery	12 days	421.20	
B. Bried	19 days	666.90	
R. Prevost	5 days	175.50	
B. Jennen	3 days	105.30	
P. Farmer	2 days	70.20	
G. Miron	2 days	70.20	
F. Walken	2 days	70.20	
G. Evans	4 days	140.40	
P. Fronte	5 days	175.50	
A. Ablett	19 days	999.30	
		<u>\$4222.50</u>	<u>\$4222.50</u>

DIRECT COSTS

One 4-wheel drive-19 days @ \$15 per day	=	\$ 285.00
One 4-wheel drive-12 days @ \$15 per day	=	180.00
Accommodation-12 men	=	250.00
Board-105 man-days @ \$5 per day	=	525.00
		<u>\$1240.00</u>

\$1240.00

Total Costs

\$5462.50

Respectfully submitted,

*A. A. Ablett*  
A. A. Ablett,  
AMEX Exploration Services Ltd.

FILE



CERTIFICATION

I, MIKE PETER STADNYK, of North Vancouver, B.C.  
do hereby certify that :

1. I am a Mining Exploration Geologist residing  
at Suite 15, 2697 Whitley Court, North Vancouver, B. C.

2. I am a graduate of the University of New Zealand  
and have practised my profession in Canada for the past  
eight years.

3. The information contained in this report was  
based upon work carried out by me, or at my direction,  
between the period of April 18th and August 30th, 1969.



M. P. STADNYK, B. Sc.  
Geologist.

16th December 1969.  
North Vancouver, B. C.



# CHEMEX LABS LTD.

1416 CROWN STREET  
NORTH VANCOUVER, B.C.  
CANADA  
TELEPHONE: 988-6955

• CHEMISTS • GEOCHEMISTS • ANALYSTS • ASSAYERS

## CERTIFICATE OF ANALYSIS

NO. 5581

TO: Can-West Investments Ltd.,  
#1770 777 Hornby St.,  
Vancouver, B.C.

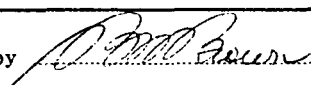
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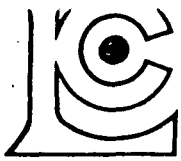
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DATE ANALYSED Aug. 16, 1969

ATTN: Mr. M. Stadnyk

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	Copper	
2584	30	50N-64E
2585	36	54N-64E
2586	38	
2587	24	
2588	33	
2589	42	
2590	42	
2591	35	
2592	22	
2593	330	
2594	60	
2595	55	
2596	70	
2597	28	
2598	57	
2599	32	
2600	62	54N-96E
2601	710	50N-96E
2602	109	
2603	70	
2604	65	
2605	260	
2606	60	
2607	426	50N-84E
Standard Soil #14	370	

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## CERTIFICATE OF ANALYSIS

NO. 5580

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INVOICE NO. 1770

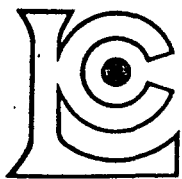
DATE RECEIVED Aug. 13, 1969

DATE ANALYSED Aug. 16, 1969

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	ppm	
	Copper	
2544	35	58N. 86E
2545	65	
2546	109	
2547	315	
2548	32	
2549	76	58N. 96E
2550	28	62N. 96E
2551	40	
2552	38	
2553	565	
2554	32	
2555	33	
2556	59	
2557	62	
2558	510	
2559	46	
2560	426	
2561	51	
2562	43	
2563	33	
2564	32	
2565	13	
2566	45	
2567	51	62N. 64E
2568	179	58N. 86E
2569	22	
2570	42	
2571	45	
2572	50	
2573	64	
2574	306	
2575	174	58N. 78E
2576	50	50N. 82E
2577	115	
2578	69	
2579	64	
2580	252	
2581	42	
2582	36	
2533	32	50N. 66E

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## CERTIFICATE OF ANALYSIS

NO. 5579

TO: Can-West Investments Ltd.,  
#1770 777 Hornby St.,  
Vancouver, B.C.


INVOICE NO. 1770

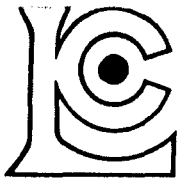
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DATE ANALYSED Aug. 16, 1969

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	ppm	
		Copper
2504	545	86N-72E
2505	40	
2506	35	
2507	32	
2508	52	
2509	126	
2510	46	
2511	426	
2512	69	
2513	38	
2514	52	92E
2515	62	86N-93E
2516	52	90N-93E
2517	69	92E
2518	35	
2519	78	
2520	26	
1521	57	
1522	50	
2523	40	
2524	18	
2525	40	
2526	42	
2527	252	
2528	30	
2529	57	
2530	74	
2531	48	64E
2532	74	90N-63E
2533	36	94N-63E
2534	40	64E
2535	28	
2536	30	
2537	179	
2538	800	
2539	51	
2540	42	
2541	32	94N-76E
2542	64	58N-82E
2543	52	84E
Standard Soil #14	380	

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## CERTIFICATE OF ANALYSIS

NO. 5578

TO: Can-Nest Investments Ltd.,  
 #1770 777 Hornby St.,  
 Vancouver, B.C.

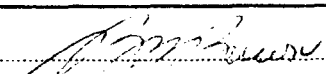
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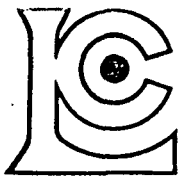
DATE RECEIVED Aug. 13, 1969

DATE ANALYSED Aug. 16, 1969

ATTN: Mr. W. Stadnyk

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2463	33	74N-64E
2464	585	
2466	46	
2467	26	
2468	38	
2469	33	
2470	38	
2471	45	
2472	18	
2473	45	74N-77E
2474	33	78N-82E
2475	36	
2476	59	
2478	145	
2479	115	
2480	36	
2481	54	78N-94E
2482	45	82N-93E
2483	40	92E
2484	115	
2485	48	
2486	48	
2487	60	
2488	40	
2489	42	
2490	55	
2491	33	
2492	35	
2493	700	
2494	96	
2495	54	
2496	69	
2497	36	
2498	246	82N-63E
2499	36	86N-63E
2500	42	
2501	59	
2502	54	
2503	67	86N-70E

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INVOICE NO. 1770

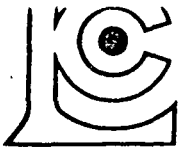
DATE RECEIVED Aug. 13, 1969

DATE ANALYSED Aug. 16, 1969

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	ppm Copper	
2422	54	70N-90E
2423	133	
2424	80	
2425	43	70N-96E
2426	38	66N-96E
2427	50	
2428	111	
2429	33	
2430	42	
2431	65	
2432	30	
2433	30	
2434	36	
2435	900	
2436	42	
2437	38	
2438	43	
2439	30	
2440	45	
2441	24	
2442	72	
2443	126	66N-64E
2444	28	70N-64E
2445	43	
2446	57	
2447	33	
2448	35	
2449	55	
2450	50	
2451	1600	
2452	43	78E
2453	109	70N-79E
2454	54	78N-78E
2455	33	
2456	174	
2457	59	
2458	42	
2459	26	
2460	36	
2461	129	78N-65E
Standard Soil #14	380	

Certified by



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1416 CROWN STREET  
NORTH VANCOUVER, B.C.  
CANADA  
TELEPHONE: 988-6955

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## CERTIFICATE OF ANALYSIS

NO. 5576

TO: Can-West Investments Ltd.,  
#1770 777 Hornby St.,  
Vancouver, B.C.

INVOICE NO. 1770

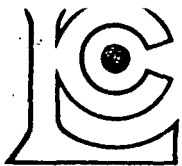
DATE RECEIVED Aug. 13, 1969

ATTN: Mr. M. Stadnyk

DATE ANALYSED Aug. 16, 1969

SAMPLE NO.:	ppm	
		Copper
1064	54	156N-80E
1065	52	158N
1066	33	160N
1067	57	162N
1068	45	164N
1069	33	166N
1070	87	168N
1071	52	170N
1072	57	172N
1073	30	174N
1074	35	176N
1075	38	178N
1076	55	180N
1077	59	182N
1078	32	184N
1079	42	188N-80E
2007	62	98N-90E
2007 A	274	94E
2025	111	98N-70E
2400	35	74N-82E
2402	43	
2403	28	
2404	30	
2405	32	
2406	32	
2407	24	
2408	32	
2409	38	
2410	32	
2411	900	
2412	700	
2413	60	
2414	38	
2415	50	896E
2416	28	74N-81E
2417	69	70N-81E
2418	69	82E
2419	35	
2420	20	
2421	43	70N-88E

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## CERTIFICATE OF ANALYSIS

NO. 5575

TO: Can-West Investments Ltd.,  
#1770 777 Hornby St.,  
Vancouver, B.C.

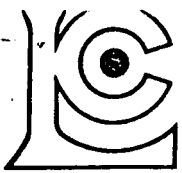
INVOICE NO. 1770  
DATE RECEIVED Aug. 13, 1969  
DATE ANALYSED Aug. 16, 1969

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	ppm	
		Copper
1024	650	56N 80E
1025	60	54N
1026	36	52N
1027	64	50N
1028	24	48N
1029	35	46N
1030	35	44N
1031	36	42N
1032	36	40N
1033	28	38N
1034	96	36N
1035	36	34N
1036	70	32N
1037	126	30N
1038	55	28N 80E
1039	76	106N
1040	82	108N
1041	43	110N
1042	52	112N
1043	117	114N
1044	36	116N
1045	36	118N
1046	57	120N
1047	50	122N
1048	52	124N
1049	20	126N
1050	42	128N
1051	52	130N
1052	35	132N
1053	55	134N
1054	38	136N
1055	42	138N
1056	50	140N
1057	32	142N
1058	46	144N
1059	52	146N
1060	46	148N
1061	36	150N
1062	38	152N
1063	43	154N
Standard Soil #14	380	

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## CERTIFICATE OF ANALYSIS

NO. 5574

TO: Can-West Investments Ltd.,  
#1770 777 Hornby, St.,  
Vancouver, B.C.

INVOICE NO. 1770

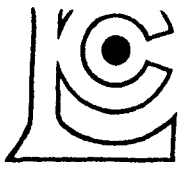
DATE RECEIVED Aug. 13, 1969

DATE ANALYSED Aug. 16, 1969

ATTN: Mr. Mike Stadnyk

SAMPLE NO.:	ppm Copper	
21	179	160N 59E
22	30	58E
23	42	57E
24	83	56E
49	45	156N 80E
62	11	156N 54E
98	26	152N 54E
100	54	50E
101	55	48E
102	20	152N 46E
121	32	148N 46E
123	46	148N 42E
210	50	140N 43E 43E
255	22	144N 46E
291	392	136N 72E
299	33	140N 86E
1000	50	104N 80E
1001	50	102N
1002	26	100N
1003	38	98N
1004	57	96N
1005	36	94N
1006	30	92N
1007	45	90N
1008	43	88N
1009	33	86N
1010	32	84N
1011	35	82N
1012	43	80N
1013	50	78N
1014	24	76N
1015	54	74N
1016	38	72N
1017	3400	70N
1018	700	68N
1019	453	66N
1020	129	64N
1021	59	62N
1022	32	60N
1023	650	58N 80E

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## CERTIFICATE OF ANALYSIS

NO. 4727

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B.C.

INVOICE NO. 1518

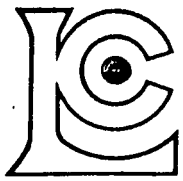
DATE RECEIVED July 14, 1969

DATE ANALYSED July 18, 1969

ATTN:

SAMPLE NO.:	ppm Copper	
2287	60	36N-90E
2288	70	
2289	57	
2290	26	
2291	252	
2292	465	36N-180E
2293	42	32N-180E
2294	67	
2295	38	
2296	69	
2297	403	
2298	80	
2299	52	32N-90E
2300	28	32N-88E

Certified by L. D. Staldert



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## CERTIFICATE OF ANALYSIS

NO. 4726

TO: Can-West Investments Ltd.,  
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INVOICE NO. 1518

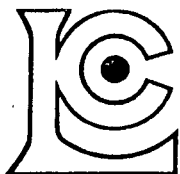
DATE RECEIVED July 14, 1969

DATE ANALYSED July 18, 1969

ATTN:

SAMPLE NO.:	ppm Copper	
2247	38	44N-66E
2248	57	64E
2249	42	40N-64E
2250	138	
2251	38	
2252	23	
2253	20	
2254	43	
2255	26	
2256	43	
2257	33	
2258	45	
2259	70	
2260	85	
2261	60	
2262	267	
2263	28	
2264	24	
2265	33	40N-96E
2266	38	44N-96E
2267	16	
2268	16	
2269	40	
2270	48	
2271	36	
2272	69	
2273	26	44N-82E
2274	36	36N-80E
2275	453	
2276	22	
2277	62	
2278	33	
2279	26	
2280	64	
2281	42	
2282	45	36N-64E
2283	206	36N-82E
2284	453	
2285	100	
2286	48	88E
Standard Soil #13	545	

Certified by *R. H. Stollan*



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## CERTIFICATE OF ANALYSIS

NO. 4725

TO:

Can-West Investments Ltd.,  
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 Vancouver, B.C.

INVOICE NO. 1518

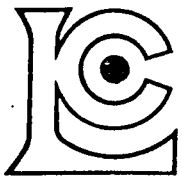
DATE RECEIVED July 14, 1969

DATE ANALYSED July 18, 1969

ATTN:

SAMPLE NO.:	ppm Copper	
2207	24	52N-78E
2208	545	
2209	42	
2210	22	
2211	24	
2212	22	
2213	59	
2214	43	52N-64E
2215	30	48N-64E
2216	26	
2217	24	
2218	52	
2219	30	
2220	30	
2221	60	
2222	32	
2223	59	
2224	107	
2225	70	
2226	60	
2227	32	
2228	70	
2229	32	
2230	72	
2231	33	48N-96E
2232	33	52N-96E
2233	70	
2234	43	
2235	24	
2236	18	
2237	62	
2238	225	
2239	36	52N-82E
2240	36	44N-80E
2241	30	
2242	46	
2243	24	
2244	16	
2245	45	
2246	51	44N-68E

Certified by R. H. St. Laurent



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## CERTIFICATE OF ANALYSIS

NO. 4724

TO: Can-West Investments Ltd.,  
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INVOICE NO. 1518

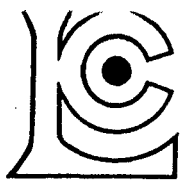
DATE RECEIVED July 14, 1969

DATE ANALYSED July 18, 1969

ATTN:

SAMPLE NO.:	ppm Copper	
2167	16	60N-72E
2168	40	
2169	50	
2170	65	
2171	51	60N-64E
2172	62	56N-66E.
2173	42	
2174	72	
2175	54	
2176	51	
2177	83	
2178	30	
2179	24	56N-80E
2180	28	174N-80E
2181	24	176N-80E
2182	24	
2183	32	
2184	55	
2185	124	
2186	30	
2187	28	
2188	24	
2189	23	
2190	26	176N-98E
2191	23	60N-84E
2192	46	
2193	36	
2194	33	
2195	38	
2196	85	
2197	33	60N-96E
2198	20	56N-96E
2199	72	
2200	120	
2201	45	
2202	54	
2203	64	
2204	225	
2205	80	56N-82E
2206	16	52N-80E
Standard Soil #13	545	

Certified by *L. H. Stewart*



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## CERTIFICATE OF ANALYSIS

NO. 4723

TO:

Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B.C.

INVOICE NO. 1518

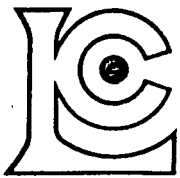
DATE RECEIVED July 14, 1969

DATE ANALYSED July 18, 1969

ATTN:

SAMPLE NO.:	ppm Copper	
2127	115	68N. 80E
2128	1000	
2129	74	
2130	126	
2131	35	
2132	38	
2133	40	
2134	8	
2135	28	68N. 64E
2136	48	64N. 64N
2137	24	
2138	1230	
2139	11	
2140	38	
2141	48	
2142	42	
2143	26	
2144	69	
2145	225	
2146	840	
2147	213	
2148	28	
2149	15	
2150	24	64N. 88E
2151	36	68N. 84E
2152	70	
2153	30	
2154	60	
2155	38	
2156	67	
2157	96	68N. 96E
2158	36	64N 96E
2159	145	
2160	43	
2161	22	64N. 96E
2162	51	60N. 82E
2163	195	
2164	42	
2165	70	
2166	43	71E

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## CERTIFICATE OF ANALYSIS

NO. 4722

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B.C.

INVOICE NO. 1518

DATE RECEIVED July 14, 1969

DATE ANALYSED July 18, 1969

ATTN:

SAMPLE NO.:	ppm Copper	
2086	67	80N-72E
2087	104	
2088	565	
2089	35	80N-76E
2091	32	76N-82E
2092	22	
2093	30	
2094	24	
2095	30	
2096	46	
2097	36	
2098	43	
2099	89	
2100	60	
2101	38	
2102	32	
2103	20	
2104	18	
2105	40	
2106	23	
2107	24	
2108	48	
2109	840	
2110	64	
2111	40	
2112	28	
2113	35	
2114	28	
2115	35	
2116	76	72N-63E
2117	33	76N-64E
2118	40	
2119	36	
2120	46	
2121	33	
2122	74	
2123	20	
2124	122	
2125	22	76N-80E
2126	55	68N-82E
Standard Soil #13	545	

Certified by R. H. Stollert



JUL 21 1969

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CANADA  
TELEPHONE: 988-6955

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## CERTIFICATE OF ANALYSIS

NO. 4721

TO: Can-West Investments Ltd.,  
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Vancouver, B.C.

INVOICE NO. 1518

DATE RECEIVED July 14, 1969

DATE ANALYSED July 18, 1969

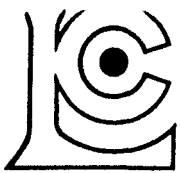
ATTN:

SAMPLE NO.:	ppm Copper	
2046	38	88N 74E
2047	35	
2048	23	
2049	26	
2050	510	
2051	67	88N 64E
2052	59	92N 64E
2053	51	
2054	48	
2055	96	
2056	35	
2057	43	
2058	40	92N 76E
2059	32	84N 78E
2060	32	
2061	28	
2062	57	
2063	50	
2064	174	
2065	42	
2066	55	84N 92E
2067	122	80N 92E
2068	62	
2069	50	
2070	74	
2071	46	
2072	38	
2073	38	80N 80E
2074	28	84N 76E
2075	38	
2076	65	
2077	30	
2078	50	
2079	282	
2080	35	
2081	42	84N 64E
2082	38	80N 64E
2083	48	
2084	43	
2085	46	80N 70E

Certified by

*L. H. Stoddart*





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## CERTIFICATE OF ANALYSIS

NO. 5136

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B. C.

INVOICE NO. 1628

DATE RECEIVED July 28/69

DATE ANALYSED July 31/69

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	PPM	
	Copper	
986	82	104N. 126E
987	78	127E
988	102	108N. 127E
989	30	126E
990	195	
991	163	
992	26	
993	32	
994	32	
995	30	
996	30	
997	32	
998	62	108N. 108E
2301	51	32N. 88E
2302	82	
2303	60	
2304	120	
2305	38	
2306	42	
2307	38	
2308	40	
2309	15	
2310	85	
2311	65	
2312	89	32N. 64E
2313	54	28N. 64E
2314	54	
2315	42	
2316	28	
2317	57	
2318	55	
2319	64	
2320	26	
2321	42	28N. 80E

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## CERTIFICATE OF ANALYSIS

NO. 5135

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B. C.

INVOICE NO. 1628

DATE RECEIVED July 28/69

ATTN: Mr. M. Stadnyk

DATE ANALYSED July 31/69

SAMPLE NO.:	PPM Copper	
946	109	124N-66E
947	30	
948	42	
949	33	
950	51	
951	28	
952	57	
953	38	
954	30	
955	120	
956	32	
957	42	
958	33	
959	60	
960	38	
961	35	124N-34E
962	54	104N-82E
963	50	
964	48	
965	184	
966	51	
967	42	
968	35	
969	55	
970	33	
971	33	
972	35	
973	91	
974	59	
975	59	
976	453	
977	40	
978	233	
979	38	
980	28	
981	23	
982	28	
983	87	
984	91	104N-124E
985	67	
Std. #13	545	

Certified by



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CANADA  
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## CERTIFICATE OF ANALYSIS

NO. 5134

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B. C.

INVOICE NO. 1628

DATE RECEIVED July 28/69

DATE ANALYSED July 31/69

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	PPM	
	Copper	
906	36	132N. 48E
907	35	
908	42	
909	48	
910	111	
911	36	
912	43	132N. 36E
913	54	34E
914	30	32E
915	26	128N. 32E
916	32	
917	48	
918	26	
919	30	
920	40	
921	51	
922	43	
923	26	
924	42	
925	32	
926	78	
927	45	
928	46	
929	28	
930	46	
931	23	
932	74	
933	33	
934	32	
935	33	
936	43	
937	59	
938	70	
939	35	128N. 76E
940	33	124N. 76E
941	42	
942	64	
943	50	
944	26	
945	98	124. 67E

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*[Signature]*



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## CERTIFICATE OF ANALYSIS

NO. 5133

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B. C.

INVOICE NO. 1628

DATE RECEIVED July 28/69

DATE ANALYSED July 31/69

ATTN:

Mr. N. Stadyk

SAMPLE NO.:	PPM Copper	
866	28	160N-104E
867	23	
868	54	
869	23	
870	22	
871	35	
872	35	
873	36	
874	23	
875	35	
876	35	
877	42	126E
878	45	160N-127E
879	38	112N-76E
880	57	78E
881	55	80E
882	122	108N-80E
883	65	
884	22	
885	350	
886	26	
887	5	
888	8	
889	195	
890	190	
891	26	
892	18	
893	51	
894	18	
895	545	
896	15	
897	30	
898	24	108-50E
899	26	112-50E
900	26	132N-60E
901	33	
902	67	
903	59	
904	32	
905	40	132N-50E
STd.	545	

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CANADA  
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## CERTIFICATE OF ANALYSIS

NO. 5132

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B. C.

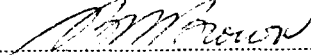
INVOICE NO. 1628

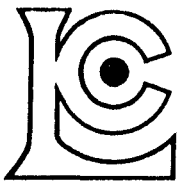
DATE RECEIVED July 28/69

DATE ANALYSED July 31/69

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	PPM Copper	
826	42	104N. 56E
827	36	
828	23	
829	33	
830	48	
831	22	
832	290	
833	57	
834	8	
835	16	
836	36	
837	28	104N. 76E
838	26	92N. 62E
839	20	
840	23	.58E
841	32	96N. 58E
842	26	
843	26	
844	36	
845	36	
846	30	
847	16	
848	24	
849	35	
850	32	.40E
851	545	.59E
852	45	.60E
853	32	.62E
854	57	96N. 64E
855	42	160N. 82E
856	32	
857	28	
858	28	
859	26	
860	38	
861	42	
863	48	
863	32	
864	33	
865	38	160N. 102E

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## CERTIFICATE OF ANALYSIS

NO. 5131

TO: Can-West Investments Ltd.,  
#1770 - 877 Hornby St- ,  
Vancouver, B. C.

INVOICE NO. 1628

DATE RECEIVED July 28/69

DATE ANALYSED July 31/69

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	PPM	
		Copper
786	30	164N-42E
787	36	
788	46	
789	35	
790	168	
791	36	
792	40	
793	5	
794	22	
795	18	
796	15	164N-24E
797	42	104N-80E
798	42	70E
799	24	100N-76E
800	16	
801	32	
802	655	
803	35	
804	57	
805	33	
806	22	
807	40	
808	22	
809	30	
810	30	
811	32	
812	23	
813	33	
814	54	
815	23	
816	36	100N-40E
817	3	
818	38	104N-40E
819	5	
820	28	
821	40	
822	32	
823	28	
824	46	104N-54E
825	35	
Std.	545	

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## CERTIFICATE OF ANALYSIS

NO. 5130

TO: Can-West Investments Ltd.,  
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Vancouver, B. C.

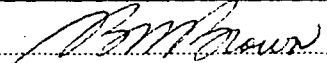
INVOICE NO. 1628

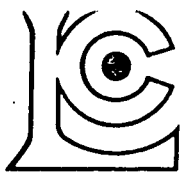
DATE RECEIVED July 28/69

DATE ANALYSED July 31/69

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	PPM Copper	
746	54	168N-108E
747	33	
748	62	
749	60	.114E
750	8	164N-112E
751	32	
752	36	
753	42	
754	35	
755	55	
756	26	
757	45	
758	28	
759	109	
760	40	
761	40	
762	32	
763	28	
764	46	
765	30	
766	35	
767	40	
768	55	
769	46	
770	33	
771	50	
772	42	
773	50	
774	38	
775	28	
776	16	
777	5	
778	50	
779	24	
780	38	
781	28	
782	2075	
783	42	
784	60	
785	40	164N-44E

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NO. 5129

TO: Can-West Investments Ltd.,  
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INVOICE NO. 1628

DATE RECEIVED July 28/69

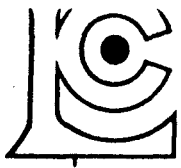
DATE ANALYSED July 31/69

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	PPM	
	Copper	
706	35	176N - 102E
707	40	
708	26	- 98E
709	40	172N - 80E
710	28	
711	40	
712	30	
713	38	
714	46	
715	35	
716	28	
717	527	
718	38	
719	24	
720	28	
721	38	
722	35	
723	85	
724	50	
725	33	
726	260	
727	415	
728	52	
729	48	
730	38	172N - 118E
731	72	168N - 80E
732	30	
733	28	
734	24	
735	24	
736	50	
737	64	
738	32	
739	350	
740	45	
741	36	
842	28	
743	50	
744	38	
745	585	168N - 106E
Std. #13	545	

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TO: Can-West Investments Ltd.,  
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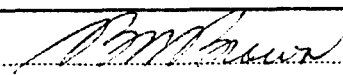
INVOICE NO. 1628

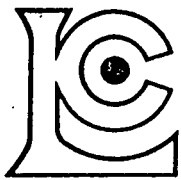
DATE RECEIVED July 28/69

DATE ANALYSED July 31/69

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	PPM Copper	
666	23	184N. 106E
667	50	
668	655	
669	50	
670	26	
671	40	
672	28	
673	22	
674	20	
675	22	
676	13	
677	48	
678	22	
679	28	184N 80E
680	40	180N 80E
681	30	
682	43	
683	38	
694	22	
685	28	
686	35	
687	38	
688	3350	
689	35	
690	30	
691	42	
692	48	
693	545	
694	28	
695	22	
696	40	
697	80	
698	50	180N. 112E
699	38	176N. 116E
700	33	
701	38	
702	33	
703	42	
704	30	
705	26	176N. 104E

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INVOICE NO. 1628

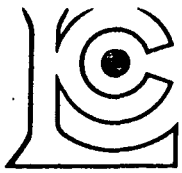
DATE RECEIVED July 28/69

DATE ANALYSED July 31/69

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	PPM	
		Copper
626	33	116N. 54E
627	22	
628	35	. 50E
629	32	120N. 50E
630	36	
631	40	
632	35	
633	40	
634	28	
635	30	
636	33	
637	38	
638	35	
639	35	
640	70	
641	54	
642	33	120N. 76E
643	40	120N. 74E
644	22	
645	109	
646	45	
647	52	
648	43	
649	36	120N. 64E
650	55	188N. 80E
651	70	
652	43	
653	23	
654	26	
655	20	
656	26	
657	33	
658	43	
659	23	
660	30	
661	23	
662	52	
663	40	188N. 106E
664	35	184N. 108E
665	32	
Std. #13	545	

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NO. 5126

TO: Can-West Investments Ltd.,  
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INVOICE NO. 1628

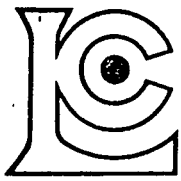
DATE RECEIVED July 28/69

DATE ANALYSED July 31/69

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	PPM Copper	
544	28	116N-100E
545	206	
546	64	
547	40	
548	40	
549	43	
550	48	
551	32	
552	28	
553	306	
554	274	
555	26	
556	23	126E
557	52	116N-127E
600	26	112N-52E
601	24	
602	18	
603	33	
604	42	
605	18	
606	33	
607	30	
608	23	
609	40	
610	16	
611	22	112N-74E
612	67	120N-78E
613	40	116N-80E
614	43	112N-78E
615	20	116N-76E
616	8	
617	43	
618	145	
619	32	
620	40	
621	23	
622	38	
623	30	
624	42	
625	30	116N-56E

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NO. 5125

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B. C.

INVOICE NO. 1628

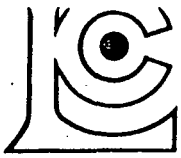
DATE RECEIVED July 28/69

DATE ANALYSED July 31/69

ATTN: Mr. M. Stadnyk cc:

SAMPLE NO.:	PPM Copper	
504	76	108N-94E
505	38	
506	122	
507	57	
508	43	
509	35	
510	40	108N-82E
511	35	112N 82E
512	45	
513	76	
514	50	
515	45	
516	89	
517	48	
518	57	
519	32	
520	28	
521	42	
522	82	
523	32	
524	42	
525	36	
526	24	
527	28	
528	32	
529	24	
530	240	
531	43	112N 122E
532	30	124E
533	28	126E
534	87	127E
535	57	116N-82E
536	40	
537	129	
538	48	
539	350	
540	46	
541	26	
542	45	
543	40	116N-98E
Std. #13	545	

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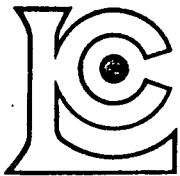
TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B. C.

ATTN: Mr. M. Stadnyk

NO. 5124  
INVOICE NO. 1628  
DATE RECEIVED July 28/69  
DATE ANALYSED July 31/69

SAMPLE NO.:	PPM Copper	
457	23	100N 78E
458	22	
459	30	
460	33	
461	42	
462	11	
463	40	
464	72	
465	54	
466	26	
467	23	
468	35	
469	246	
470	36	
471	35	
472	298	
473	42	
474	28	
475	630	
476	36	
477	51	
478	131	
479	28	
480	26	
481	240	
482	46	100N 127E
483	69	160N 40E
484	30	
485	52	160N 38E
486	38	184N 110E
487	36	
488	74	184N 114E
489	43	188N 108E
490	24	
491	29	
492	114	188N 114E
500	60	108N 102E
501	48	
502	28	
503	54	108N 96E

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## CERTIFICATE OF ANALYSIS

NO. 4720

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B.C.

INVOICE NO. 1500

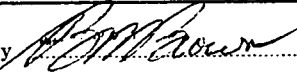
DATE RECEIVED July 14, 1969

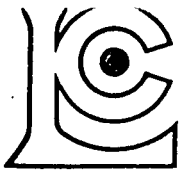
DATE ANALYSED July 17, 1969

ATTN:

P.O. #92404  
"CACHE CREEK PROJECT"

SAMPLE NO.:	ppm	
	Copper	
2004	38	98N-84E
2005	35	
2006	42	
2008	72	
2009	100	
2010	45	
2011	40	
2012	38	
2013	42	
2014	35	
2015	57	
2016	32	
2017	32	
2018	30	
2019	33	
2020	45	
2021	46	
2022	28	
2023	30	
2024	179	
2026	30	
2027	26	
2028	23	98N-76E
2029	42	92N-78E
2030	40	
2031	48	
2032	42	
2033	30	
2034	43	
2035	40	
2036	48	92N-92E
2037	43	88N-92E
2038	36	
2039	69	
2040	55	
2041	74	
2042	51	
2043	38	
2044	30	
2045	43	88N-76E
Standard Soil #13	545	

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## CERTIFICATE OF ANALYSIS

NO. 4719

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B.C.

INVOICE NO. 1500

DATE RECEIVED July 14, 1969

ATTN:

P.O. #92404  
"CACHE CREEK PROJECT"

DATE ANALYSED July 17, 1969

SAMPLE NO.:	ppm Copper	
419	65	136N-95E
420	20	
421	35	
422	32	
423	46	
424	45	
425	43	
426	184	
427	28	
428	28	
429	33	
430	129	
431	42	
432	24	
433	38	
434	36	
435	57	
436	64	
437	43	
438	40	136N-128E
439	30	140N-128E
440	33	
441	26	
442	24	
443	26	
444	43	
445	36	
446	42	
447	42	
448	32	
449	36	
450	78	
451	23	
452	40	
453	28	
454	48	
455	46	
456	23	140N-94E
2001	38	98N-78E
2002	32	
2003	45	

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NO. 4718

TO: Can-West Investments Ltd.,  
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Vancouver, B.C.

INVOICE NO. 1500

DATE RECEIVED July 14, 1969

ATTN:

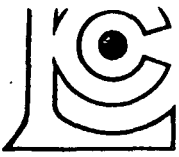
P.O. #92404  
"CACHE CREEK PROJECT"

DATE ANALYSED July 17, 1969

SAMPLE NO.:	ppm Copper	
377	48	120N-104E
378	48	
379	605	
380	62	
381	26	
382	36	
383	54	
384	54	
385	174	
386	403	
387	45	
388	32	
389	32	120N-126E
391	24	124N-128E
392	26	
393	26	
394	42	
395	33	
396	174	
397	42	
398	57	
399	32	
400	32	
401	32	
402	298	
404	184	
405	40	
406	129	
407	102	
408	80	
409	52	
410	102	
411	57	
412	55	
413	57	
414	114	
415	59	
416	33	
417	48	124N-78E
418	28	136N-94E
Standard Soil #13	545	

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NO. 4717

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B.C.

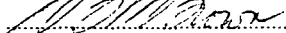
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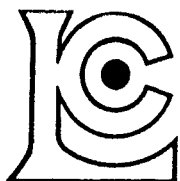
DATE RECEIVED July 14, 1969

ATTN: P.O. #92404  
"CACHE CREEK PROJECT"

DATE ANALYSED July 17, 1969

SAMPLE NO.:	ppm Copper	
336	46	132N - 122E
337	36	
338	20	
339	40	
340	480	
341	48	
342	42	
343	26	
344	403	
345	43	
346	38	
347	33	
348	35	
349	48	
350	43	
351	50	
352	54	
353	114	
354	40	
355	710	
356	60	
357	225	
358	40	
359	33	
360	315	
361	45	132N - 76E
363	28	120N - 80E
364	35	
365	42	
366	50	
367	22	
368	54	
369	24	
370	30	
371	22	
372	74	
373	45	
374	527	
375	32	120N - 102E
376	52	

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NO. 4716

TO: Can-West Investments Ltd.,  
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Vancouver, B.C.

INVOICE NO. 1500

DATE RECEIVED July 14, 1969

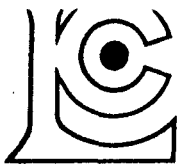
DATE ANALYSED July 17, 1969

ATTN:

P.O. #92404  
"CACHE CREEK PROJECT"

SAMPLE NO.:	ppm Copper		
295	36	136N	80E
296	35	140N	80E
297	43		
298	11		
300	23		
301	23		
302	28	140N - 92E	
303	26	136N - 92E	
304	59		
305	54		
306	30	136N - 86E	
307	43	128N - 78E	
308	43		
309	35		
310	195		
311	82		
312	74		
313	64		
314	54		
315	33		
316	42		
317	115		
318	32		
319	40		
320	115		
321	240		
322	51		
323	179		
324	46		
325	23		
326	38		
327	32		
328	26		
329	107		
330	240		
331	60		
332	52	128N - 128E	
333	32	132N - 128E	
334	38		
335	45		
Standard Soil #13	545		

Certified by



# CHEMEX LABS LTD.

1416 CROWN STREET  
NORTH VANCOUVER, B.C.  
CANADA  
TELEPHONE: 988-6955

• CHEMISTS • GEOCHEMISTS • ANALYSTS • ASSAYERS

## CERTIFICATE OF ANALYSIS

NO. 4715

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B.C.

INVOICE NO. 1500

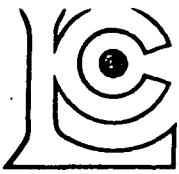
DATE RECEIVED July 14, 1969

ATTN: P.O. #92404  
"CACHE CREEK PROJECT"

DATE ANALYSED July 17, 1969

SAMPLE NO.:	ppm Copper	
253	82	144N 50E
254	35	
256	38	
257	51	
258	62	
259	60	
260	89	
261	84	
262	60	
263	26	
264	24	
265	33	
266	24	
267	36	144N 24E
268	60	136N 30E
269	43	
270	48	
271	43	
272	46	
273	45	
274	74	
275	710	
276	57	
277	23	
278	46	
279	64	
280	38	
281	33	
282	67	
283	52	
284	65	
285	65	
286	46	
287	42	
288	59	
289	57	
290	48	
292	26	
293	45	
294	54	136N - 78E

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## CERTIFICATE OF ANALYSIS

NO. 4714

TO: **Cau-West Investments Ltd.,**  
**#1770 - 777 Hornby St.,**  
**Vancouver, B.C.**

INVOICE NO. 1500

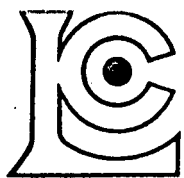
DATE RECEIVED July 14, 1969

ATTN: P.O. #92404  
"CACHE CREEK PROJECT"

DATE ANALYSED July 17, 1969

SAMPLE NO.:	ppm Copper	
213	46	140N-40E
214	35	
215	48	
216	48	
217	32	
218	22	
219	45	
220	26	
221	48	
222	36	140N-24E
223	24	156N-28E
224	23	
225	168	
226	23	
227	22	
228	50	
229	43	
230	184	
231	38	
232	179	
233	38	
234	15	
235	24	
236	11	
237	8	
238	10	156N-54E
239	133	144N-76E
240	43	
241	76	
242	38	
243	42	
244	126	
245	28	
246	55	
247	33	
248	74	
249	50	
250	43	
251	65	
252	43	144N-52E
Standard Soil #13	545	

Certified by *[Signature]*



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## CERTIFICATE OF ANALYSIS

NO. 4713

TO: Can-West Investments Ltd.,  
#1770 - 777 Hornby St.,  
Vancouver, B.C.

INVOICE NO. 1500

DATE RECEIVED July 14, 1969

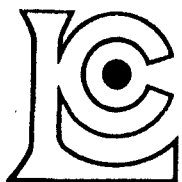
ATTN:

P.O. #92404  
"CACHE CREEK PROJECT"

DATE ANALYSED July 17, 1969

SAMPLE NO.:	ppm Copper	
173	22	144N-108E
174	30	
175	18	
176	30	
177	10	
178	35	
179	36	
180	50	
181	26	
182	38	
183	48	
184	42	
185	28	
186	28	
187	60	
188	32	
189	55	
190	50	
191	40	144N-77E
192	52	140N-78E
193	32	
194	70	
195	340	
196	43	
197	83	
198	35	
199	30	
200	28	
201	104	
202	30	
203	30	
204	45	
205	35	
206	28	
207	35	
208	26	
209	26	
210	2	
211	32	
212	72	140N-41E
Standard Soil #13	545	

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## CERTIFICATE OF ANALYSIS

NO. 4712

TO: Can-West Investments Ltd.,  
#1770 777 Hornby St.,  
Vancouver, B.C.

INVOICE NO. 1500

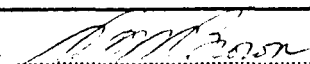
DATE RECEIVED July 14, 1969

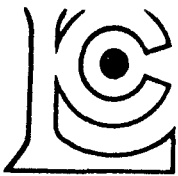
P.O. #92404  
"CACHE CREEK PROJECT"

DATE ANALYSED July 16, 1969

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	ppm	
	Copper	
133	80	148N-66E
134	50	
135	32	
136	57	
137	36	148N-74E
138	51	
139	70	
140	36	
141	45	
142	32	
143	35	
144	32	
145	48	
146	35	
147	35	
148	28	
149	36	
150	36	
151	43	
152	33	
153	52	
154	69	
155	46	
156	45	
157	32	
158	24	
159	32	
160	50	
161	33	
162	30	
163	28	148N-126E
164	40	144N-126E
165	18	
166	64	
167	55	
168	57	
169	67	
170	115	
171	83	144N-110E
172	62	

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## CERTIFICATE OF ANALYSIS

NO. 4711

TO: Can-West Investments Ltd.,  
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Vancouver, B.C.

INVOICE NO. 1500

DATE RECEIVED July 14, 1969

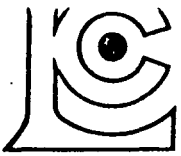
ATTN: Mr. M. Stadnyk

P.O. #92404  
"CACHE CREEK PROJECT"

DATE ANALYSED July 16, 1969

SAMPLE NO.:	PPM:	
	Copper	
87	30	152N 80E
88	57	
89	43	
90	46	
91	50	
92	60	
93	51	
94	152	
95	46	
96	45	
97	36	
99	33	
103	38	
104	102	
105	50	
106	54	
107	62	
108	57	
109	76	
110	59	
111	96	
112	42	152N - 26E
113	45	148N - 26E
114	42	
115	46	
116	87	
117	60	
118	78	
119	78	
120	80	
122	36	
124	45	
125	57	
126	59	
127	28	
128	52	
129	42	
130	60	
131	40	
132	78	148N - 64E
Standard Soil #13	545	

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## CERTIFICATE OF ANALYSIS

NO. 4710

TO: Can-West Investments Ltd.,  
#1770 777 Hornby St.,  
Vancouver, B.C.

INVOICE NO. 1500

DATE RECEIVED July 14, 1969

P.O. #92404

"CACHE CREEK PROJECT"

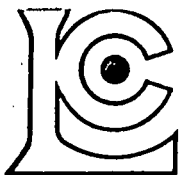
DATE ANALYSED July 16, 1969

ATTN: Mr. M. Stadnyk

SAMPLE NO.:	ppm	
		Copper
45	33	156N - 88E
46	32	
47	18	
48	22	
50	45	
51	30	
52	35	
53	30	
54	26	
55	38	
56	30	
57	52	
58	57	
59	45	
60	43	
61	32	156N - 56E
63	22	152N - 127E
64	32	
65	42	
66	28	
67	30	
68	24	
69	24	
70	69	
71	23	
72	18	
73	32	
74	40	
75	46	
76	38	
77	30	
78	42	
79	20	
80	30	
81	24	
82	32	
83	28	
84	43	
85	23	
86	23	152N 82E

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## CERTIFICATE OF ANALYSIS

NO. 4709

TO: Can-West Investments Ltd.,  
#1770 777 Hornby St.,  
Vancouver, B.C.

INVOICE NO. 1500

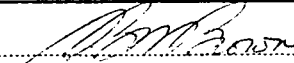
DATE RECEIVED July 14, 1969

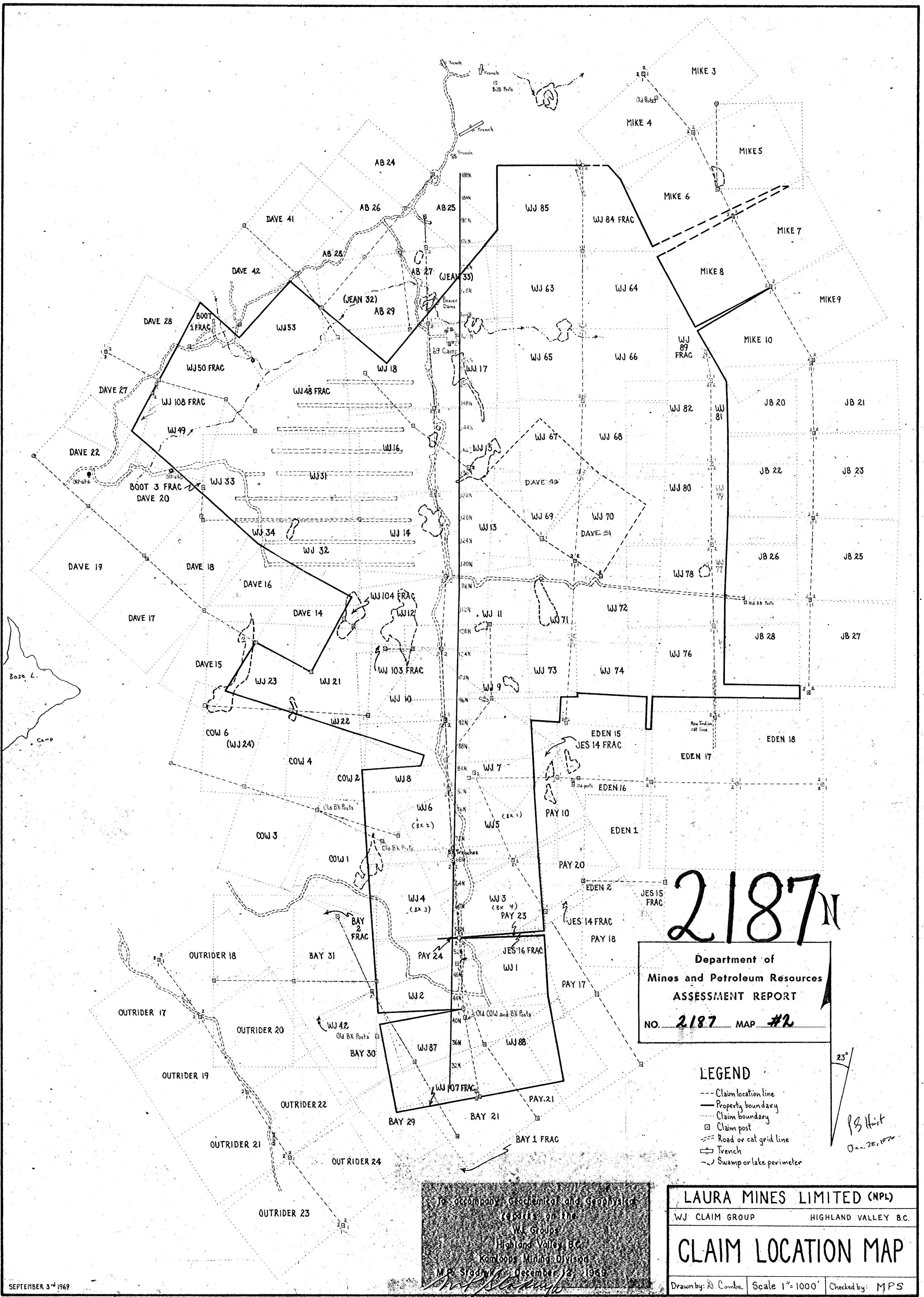
ATTN: Mr. M. Stadnyk

P.O. #92404  
"CACHE CREEK PROJECT"

DATE ANALYSED July 16, 1969

SAMPLE NO.:	ppm Copper	
0	64	160N - 80E
1	70	
2	50	
3	33	
4	85	
6	46	
7	38	
8	48	
9	40	
10	54	
11	120	
12	33	
13	46	
14	32	
15	64	
16	51	
17	52	
18	131	
19	33	
20	28	160N - 56E
25	38	156N - 127E
26	30	
27	28	
28	33	
29	52	
30	28	
31	24	
32	24	
33	33	
34	48	
35	23	
36	26	
37	35	
38	26	
39	70	
40	26	
41	24	
42	15	
43	35	
44	28	156N - 90E
Standard Soil #13	545	

Certified by 



2187<sup>N</sup>

Department of  
 Mines and Petroleum Resources  
 ASSESSMENT REPORT  
 NO. 2187 MAP #2

- LEGEND**
- Claim location line
  - Property boundary
  - ..... Claim boundary
  - Claim post
  - Road or cat grid line
  - Trench
  - ~ Swamp or lake perimeter

23°

*P.S. Hart*  
 Oct. 20, 1972

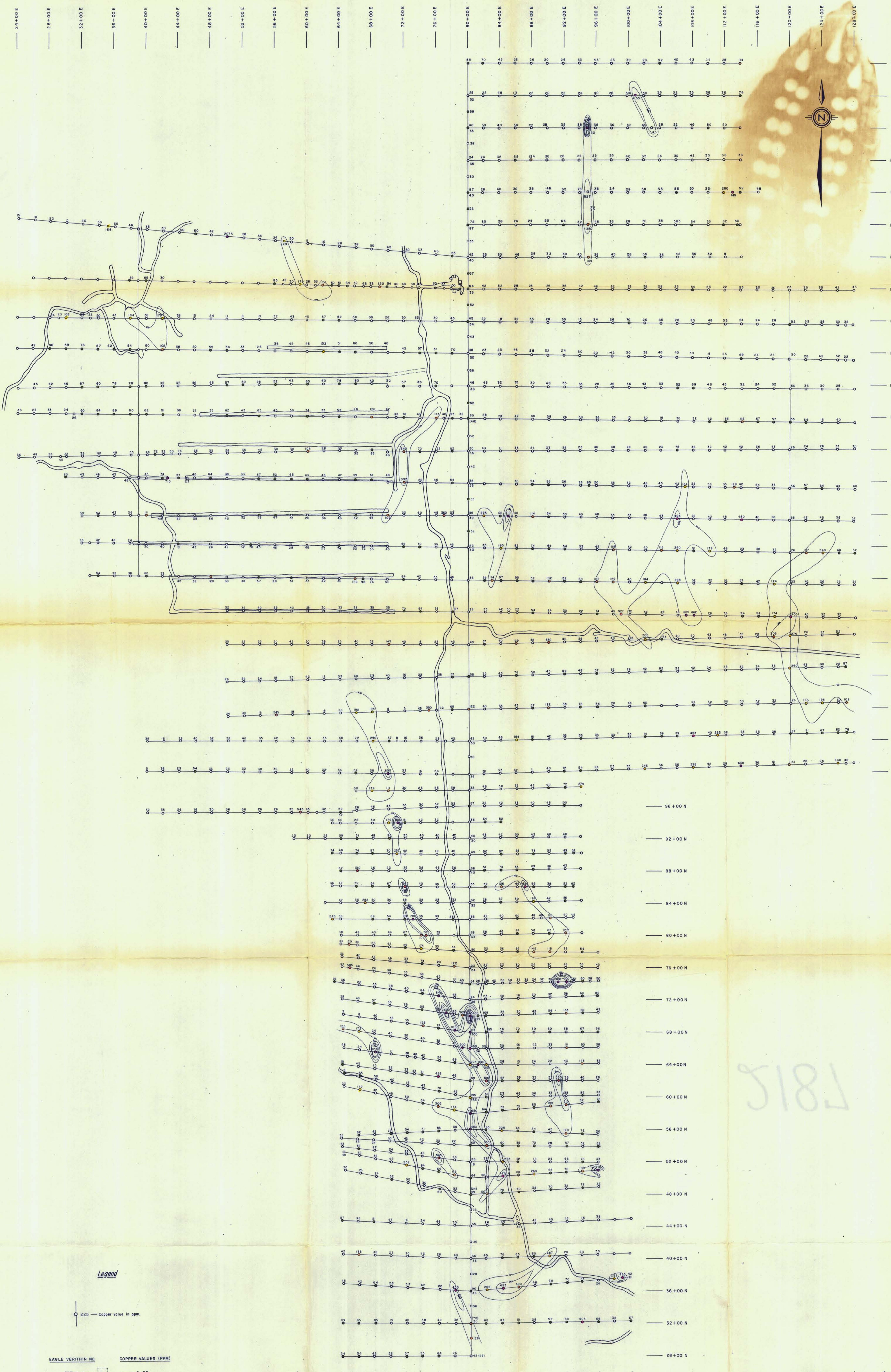
To accompany Geophysical and Geochemical reports on the  
 W.J. Groups  
 Highland Valley, B.C.  
 Kamloops Mining Division  
 M.P. 5134/74 December 12, 1969

**LAURA MINES LIMITED (NPL)**

WJ CLAIM GROUP      HIGHLAND VALLEY B.C.

CLAIM LOCATION MAP

Drawn by: R. Combs    Scale 1" = 1000'    Checked by: MPS



Legend

○ 225 — Copper value in ppm.

EAGLE VERITHIN NO.	COPPER VALUES (PPM)
738 1/2	0-50
739 1/2	51-100
757	101-150
735	151-200
736	201-300
737	301-400
743 1/2	401-500
744	501-600
752	601+

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 2187 MAP #3

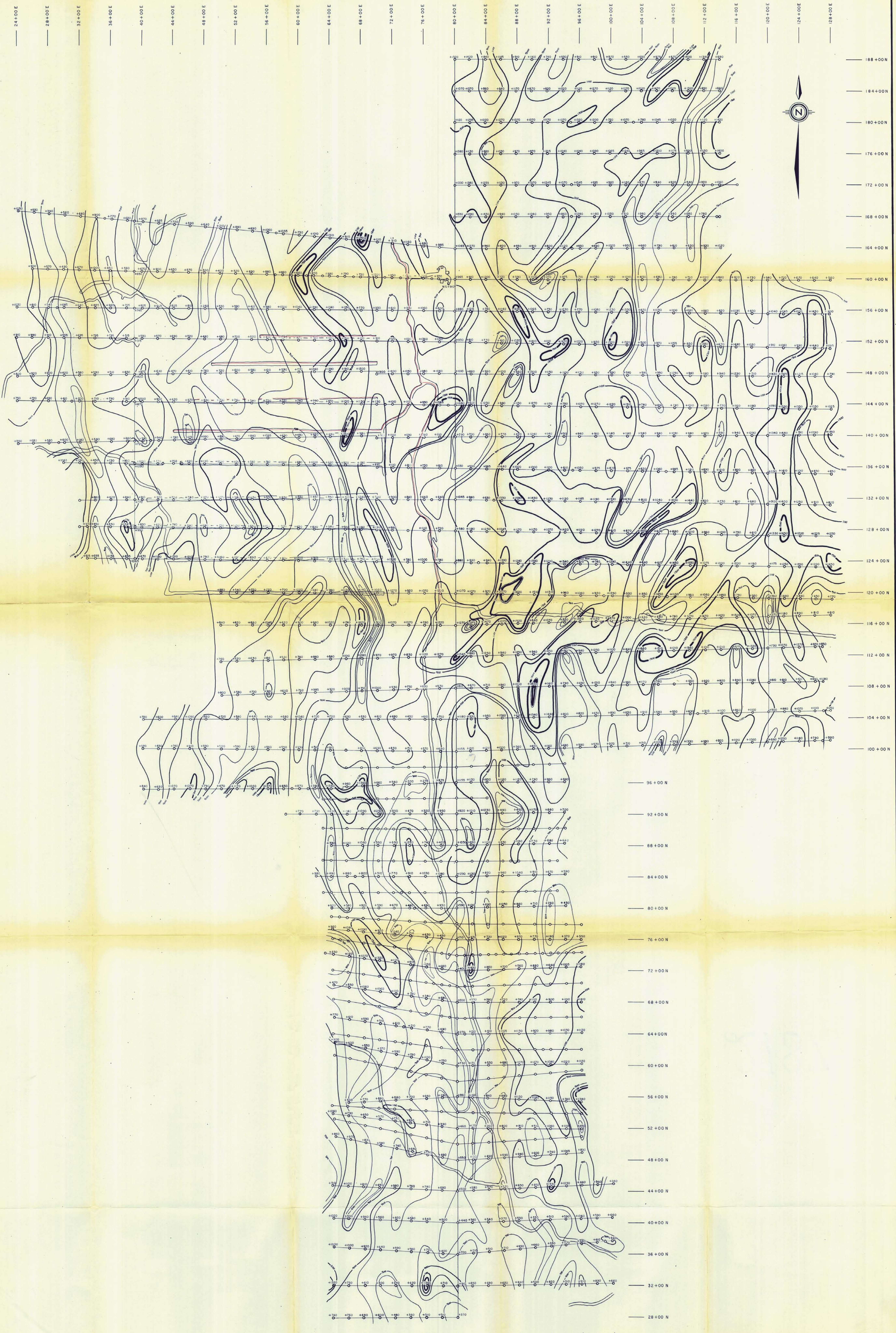
To accompany Geochemical and Geophysical  
reports on the  
W.J. Groups  
Highland Valley, BC  
Kamloops Mining Division  
M.P. Stoddy, December 12, 1969

518L

2187  
P.S. Hart  
J. 20/12/69

Laura Mines Limited (NPL)  
W.J. CLAIM GROUP  
HIGHLAND VALLEY B.C.  
#3  
Geochemical Survey

DRAWN BY: D.T.C. SCALE: 1"=400 Feet  
CHECKED BY: M.P.S. DATE: November, 1969



**Legend**

+650 — Magnetometer reading in gammas

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 2187 MAP #4

To accompany Geochanical and Geophysical  
reports on the  
W.J. Groups  
Highland Valley B.C.  
Kamloops Mining Division  
M.P. Stodnyk, December 12, 1969

2187  
P.S. 4/6/69  
J. 26.11.77

Laura Mines Limited (NPL)  
W.J. CLAIM GROUP  
HIGHLAND VALLEY B.C.  
2187  
#4  
Magnetometer Survey

DRAWN BY: DTC  
CHECKED BY: MPS  
SCALE: 1" = 400 Feet  
DATE: November, 1969