

CONSOLIDATED KALCO VALLEY MINES LTD. (N.P.I.)

REPORT OF ASSESSMENT WORK

TO BE APPLIED TO

MUF MINERAL CLAIM - RECORD NO. 13

SIMILKAMEEN MINING DIVISION, B. C.

92H/9W - 49° 40' N; 120° 28' W

(Date of Record: July 15, 1975)

L. S. TRENHOLME, M. Sc., P. Eng.

July 31, 1978

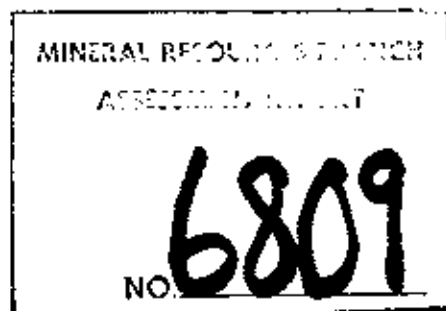


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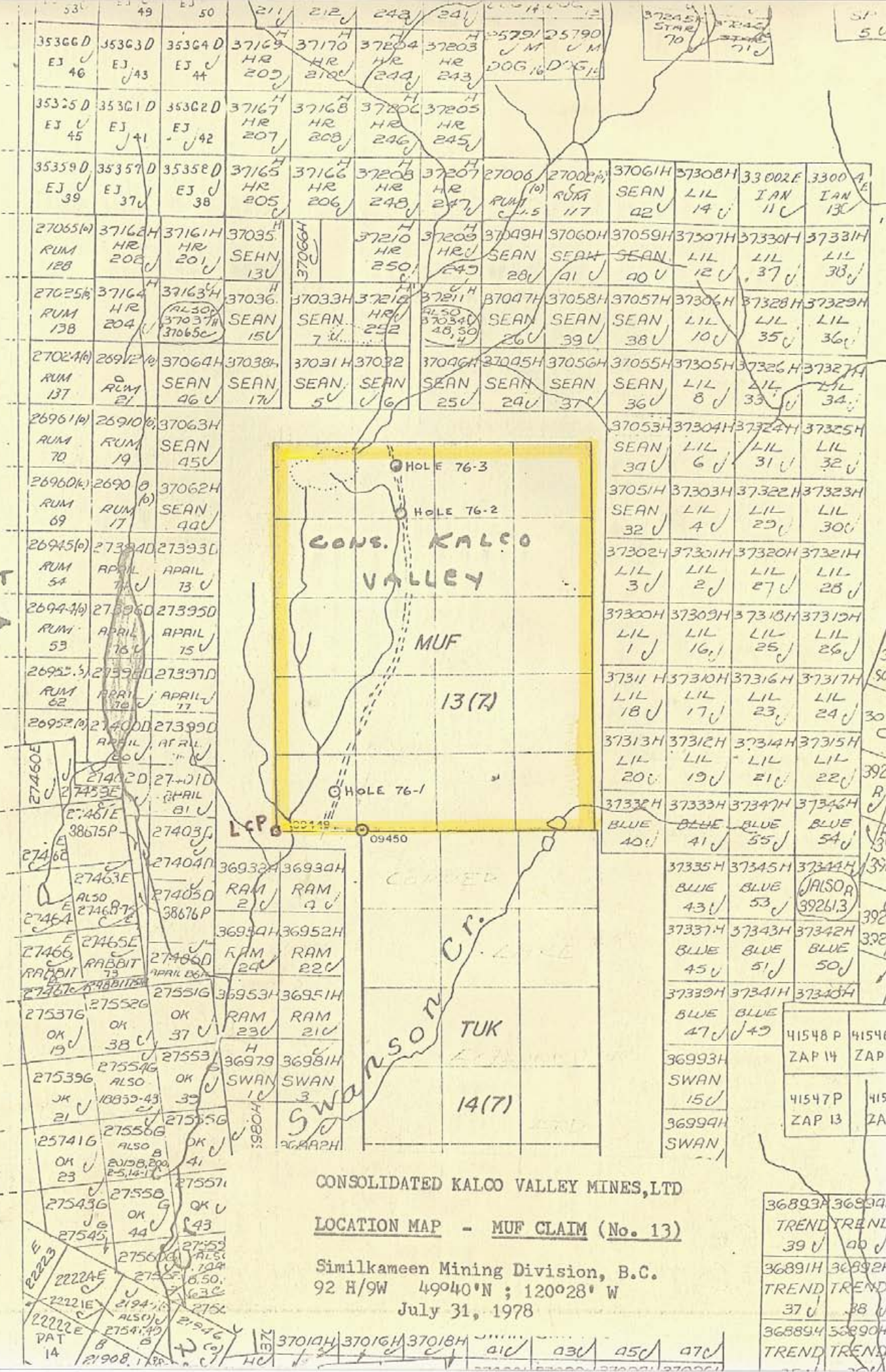
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Certificates of Analysis

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RAMPART LAKE →

MAP 92 H/10 E I



CONSOLIDATED KALCO VALLEY MINES, LTD

LOCATION MAP - MUF CLAIM (No. 13)

Similkameen Mining Division, B.C.
92 H/9W 49°40'N ; 120°28' W
July 31, 1978

36893A	36894A
TREND	TREND
39 ✓	40 ✓
36891H	36892H
TREND	TREND
37 ✓	38 ✓
36889H	36890H
TREND	TREND

41548 P	41546
ZAP 14	ZAP
41547 P	415
ZAP 13	ZAP

INTRODUCTION

The MUF Mineral Claim of Consolidated Kalco Valley Mines, Ltd. is located 14 miles north of Princeton, B. C. in the Similkameen Mining Division.

The property is underlain mainly by Nicola volcanic rocks on the west flank of the Similkameen Batholith in the same general environment as that of Newmont's Similkameen Mine to the south.

The purpose of the 1978 geochemical program was to obtain detailed information on which to base a decision with regard to future exploration.

Expenditures on the 1978 program in the amount of \$3,100.00 have been applied to assessment work requirements and credits by "Statement of Exploration and Development" submitted by the writer on July 11, 1978.

DESCRIPTION OF WORK

In the period June 29, 1978 to July 6, 1978 inclusive, a total of 333 soil samples were taken for geochemical analysis by Neil Trenholme and Brian Smith on a contract basis.

Sample lines were spaced at 500 feet (152 m.) and samples were taken at 300 foot (91 m.) intervals along these lines.

Geochemical analysis was performed by Chemix Labs Ltd. of North Vancouver and reported July 12, 1978. All samples were analysed for copper and molybdenum and alternate samples were analysed for uranium.

Analytical results were plotted by L. S. Trenholme and are shown on a plan (scale 1:5000), a copy of which is attached hereto.

INTERPRETATION AND RECOMMENDATIONS

(By Inspection)	<u>Copper</u>	<u>Molybdenum</u>	<u>Uranium</u>
BACKGROUND	30-40 p.p.m.	1-2 p.p.m.	<0.5 p.p.m.
THRESHOLD	40-50 p.p.m.	2-3 p.p.m.	0.5-1 p.p.m.
ANOMALOUS	50+ p.p.m.	>3 p.p.m.	> 1 p.p.m.

1. Copper shows slightly anomalous trends in a general NW-SE direction. The best of these is located on Lines 25N and 30N at 600' - 1200' E.
2. Minor molybdenum anomalous values occur mainly in the eastern portion of the map area and probably represent granite areas.

3. Isolated anomalous uranium values may be related to granite-pegmatite dikes and/or to quartz veins.

It is the writer's opinion that in general the depth of overburden precludes accurate assessment of relative bedrock metal values.

Consideration should be given to detailed geophysical surveys followed by percussion drilling where, and if, warranted.

Respectfully submitted,

L.S. Trenholme

L.S. Trenholme, P.Eng.

July 31, 1978

L.S. Trenholme

31/7/78

CONSOLIDATED KALCO VALLEY MINES, LTD.

Statement of Exploration Expenditures

MUF CLAIM - RECORD NO. 13

June - July, 1978

1. Collecting 333 soil samples @ \$5.00 by Neil S. Trenholme, per Contract attached	\$1,665.00
2. Chemical Analysis by Chemex Labs Ltd.	\$1,062.81
3. Supervision, report, and Assessment Application: L.S. Trenholme	\$ 384.42

TOTAL	<u>\$3,112.23</u>

L.S. Trenholme

31-7-78

STATEMENT OF QUALIFICATIONS

The undersigned certifies that:

1. He is a graduate geologist (M. Sc. 1939) and conducts a consulting practice from his office at 508 - 475 Howe Street, Vancouver, B. C.
2. He is a member in good standing of the Association of Professional Engineers of the Province of British Columbia.
3. He visited the subject property in 1975 and on June 29, 1978 to give instructions regarding a detailed soil sampling program.
4. He does not own and does not expect to receive any financial interest in Consolidated Kalco Valley Mines, Ltd. or in any of its properties.
5. The expenditures reported herein and claimed for assessment work credits are correct as to amount and type of work performed.

L. S. Trenholme

L. S. Trenholme

July 31, 1978

L. S. Trenholme

31-7-78

SOIL SAMPLING CONTRACT

June 29, 1978

Between:

Neil S. Trenholme (Contractor)
5591 Steveston Highway,
Richmond, B.C.

and

Consolidated Kalco Valley Mines, Ltd., (*Company*)
#511 - 850 West Hastings Street,
Vancouver, B.C. V6C 1E1

CONTRACTOR Hereby Agrees:

- 1) To collect between 300 and 350 soil samples in the manner and locations prescribed by Company's consultant on property known as the MUF Claim, located about 20 miles north of Princeton, B.C.
- 2) To deliver said samples to CHEMEX LABS LTD. , Brockbank Ave., North Vancouver, for assay,
- 3) To be responsible for all his own expenses incurred re: labour, travel, food and accommodation.

COMPANY Hereby Agrees:

To pay Contractor an amount equal to FIVE DOLLARS (\$5.00) per sample collected and delivered; said amount payable within Ten (10) days of receipt of assay results by the Company

(Signed) On Behalf of Consolidated Kalco
Valley Mines, Ltd.

[Handwritten Signature]
.....

(Signed) *[Handwritten Signature]*
.....
Neil S. Trenholme (Contractor)

NEIL S. TRENHOLME

5591 Steveston Highway
Richmond, B.C.

INVOICE

July 11, 1978

Consolidated Kalco Valley Mines, Ltd.
#511 - 850 West Hastings Street,
Vancouver, B.C. V6C 1E1


Re: MUF Claim, Near Ramnart Lake,
Similkameen Mining Division.

To: Collection and Delivery to Chemex Labs

373 Soil Samples @ \$5.00

\$ 1,865.00

Paid by Cheque No. 312


Neil S. Trenholme

6746 MARGUERITE ST.
VANCOUVER, B.C.
V6P 5E9

(604) 263-4455

LAURENCE S. TRENHOLME, M.Sc.
PROF. ENG. B.C.
CONSULTING GEOLOGIST

INVOICE

July 31, 1978

CONSOLIDATED KALGO VALLEY MINES, LTD
#511 - 850 West Hastings Street,
Vancouver, B.C. V6C 1E1

Re: MUF MINERAL CLAIM
Similkameen Mining Division, B.C.

Supervision of Geochemical Program
Assessment Report and Application

Printing, typing, copying	Fees:	\$ 300.00
		<u>84.42</u>
	Total	\$ 384.42

Paid by Cheque No. 311

L.S. Trenholme
.....
L.S. Trenholme



INVOICE

Tel. (604) 985-0648

Telex 043-52597

CHEMEX LABS LTD. 212 BROOKSBANK AVENUE, NORTH VANCOUVER, B.C. CANADA V7J 2C1

Consolidated Kalco Valley Mines

511 - 850 W. Hastings St.

Vancouver, B.C.

DATE July 13/78

INVOICE NO. 26443

CERTIFICATE NO. 44024-32

ATTN. _____

ITEM	DESCRIPTION	SUB-TOTAL	TOTAL
333	Prepared @ \$0.35	\$116.55	
166	Analyzed for Cu, Mo & U @ \$4.45	738.70	
167	Analyzed for Cu & Mo @ \$1.95	325.65	
		1180.90	
	Less 10%	118.09	
			\$1062.81

July 20
5.5

TERMS—NET 30 DAYS

78-040

1 1/4% Per Month (18% Per Annum Charged on Overdue Accounts)



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELELEX 043-62597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Consolidated Kalco Valley Mines
 511 - 850 W. Hastings St.
 Vancouver, B.C.

CERTIFICATE NO. 44024
 INVOICE NO. 26443
 RECEIVED July 6/78
 ANALYSED July 12/78

ATTN: cc: L. Trenholme

SAMPLE NO. :	PPM	PPM	PPM
	Cu	Mo	U
LO 00	36	1	
3E	14	2	< 0.5
6	8	1	
9	14	2	< 0.5
12	26	2	
15	22	2	< 0.5
18	28	1	
21	24	1	< 0.5
24	32	1	
27	20	1	< 0.5
30	20	1	
33	16	2	< 0.5
36	20	2	
39	20	2	< 0.5
42	22	1	
45	14	1	< 0.5
48	24	1	
51	30	1	< 0.5
54	28	1	
LO57E	38	1	< 0.5
5N 00	14	1	
3E	10	1	< 0.5
6	20	1	
9	22	1	< 0.5
12	12	1	
15	18	1	< 0.5
18	18	1	
21	24	1	< 0.5
24	26	1	
27	20	1	< 0.5
30	30	1	
33	22	1	< 0.5
36	42	1	
39	90	1	3.5
42	48	1	
45	16	1	0.5
48	22	1	
51	20	1	< 0.5
54	26	1	
5N 57E	24	1	< 0.5
STD.	72	6	25



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Handwritten signature: Hart Ridge



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 AREA CODE: 604
 TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 44025

TO: Consolidated Kalco Valley Mines,
 511 - 850 West Hastings Street,
 Vancouver, B.C.

INVOICE NO. 26443.

RECEIVED July 6, 1978

ATTN: CC. L. Trenholme

ANALYSED July 11, 1978

SAMPLE NO. :	PPM Cu	PPM Mo	PPM U
10N 00	8	1	
3E	56	2	< 0.5
6	62	1	
9	24	1	0.5
12	12	2	
15	12	1	< 0.5
18	40	1	
21	14	1	< 0.5
24	22	1	
27	56	4	1.5
30	38	1	
33	30	1	< 0.5
36	14	1	
39	8	1	< 0.5
42	20	2	
45	22	2	6.5
48	56	1	
51	74	2	1.0
54	24	3	
10N 57E	34	1	0.5
15N 00	24	1	
3E	28	1	< 0.5
6	32	1	
9	20	1	< 0.5
12	18	1	
15	20	2	< 0.5
18	24	1	
21	24	2	< 0.5
24	26	1	
27	30	1	< 0.5
30	36	1	
33	28	2	< 0.5
36	20	1	
39	12	2	< 0.5
42	245	4	
45	40	2	< 0.5
48	32	1	
51	30	1	< 0.5
15N 54E	34	2	
20N 00	14	2	< 0.5
STD.	70	6	23



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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 44026
 INVOICE NO. 26443
 RECEIVED July 6/78
 ANALYSED July 11/78

TO: Consolidated Kalco Valley Mines
 511 - 850 W. Hastings St.
 Vancouver, B.C.

ATTN: cc: L. Trenholme

SAMPLE NO. :	PPM Cu	PPM Mo	PPM U
20N 3E	34	2	
6	32	1	< 0.5
9	20	1	
12	16	1	< 0.5
15	22	2	
18	16	1	< 0.5
21	20	1	
24	30	1	< 0.5
27	28	1	
30	14	2	0.5
33	30	1	
36	24	2	< 0.5
39	46	1	
42	24	1	< 0.5
45	30	1	
48	26	1	< 0.5
51	18	2	
20N 54E	54	1	< 0.5
25N 00	28	2	
25N 3E	20	1	< 0.5
6	22	1	
9	20	1	< 0.5
12	138	2	
15	136	1	0.5
18	26	1	
21	94	2	1.0
24	48	1	
27	34	1	< 0.5
30	32	1	
33	20	1	0.5
36	18	1	
39	36	2	< 0.5
42	40	2	
45	38	2	< 0.5
48	32	1	
51	30	2	< 0.5
25 N 54E	30	1	
30N 00	28	1	< 0.5
3E	18	1	
30N 6E	60	1	0.5
STD.	72	5	25



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CERTIFIED BY: *Hart Bilde*



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 AREA CODE 604
 TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

TO: Consolidated Kalco Valley Mines
 511 - 850 W. Hastings Street
 Vancouver, B.C.

CERTIFICATE NO 44027
 INVOICE NO 26443
 RECEIVED July 6/78
 ANALYSED July 11/78

ATTN: cc: I. Trenholme

SAMPLE NO. :	PPM Cu	PPM Mo	PPM U
30N 9E	28	1	
12	104	1	1.0
15	28	1	
18	34	1	0.5
21	26	2	
24	26	2	< 0.5
27	40	1	
30	24	1	< 0.5
33	28	1	
36	28	1	< 0.5
39	34	1	
42	52	1	< 0.5
45	44	1	
48	90	6	8.0
30N 51E	38	1	
35N 00	32	1	< 0.5
3E	26	1	
6	36	1	< 0.5
9	20	2	
12	22	1	< 0.5
15	22	2	
18	10	1	0.5
21	12	1	
24	10	2	0.5
27	30	1	
30	12	1	< 0.5
33	22	1	
36	24	1	< 0.5
39	28	2	
42	50	2	< 0.5
45	26	1	
48	24	2	< 0.5
35N 51E	40	1	
3W	30	1	< 0.5
6	36	1	
9	26	1	< 0.5
35N 12W	48	1	
40N 00	28	1	< 0.5
3E	24	1	
40N 6E	24	1	< 0.5
STD.	70	5	



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(Handwritten Signature)



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 AREA CODE 604
 TELEX 043-52007

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CERTIFICATE OF ANALYSIS

TO: Consolidated Kalco Valley Mines
 511 - 850 W. Hastings St.
 Vancouver, B.C.

CERTIFICATE NO. 44028
 INVOICE NO. 26443
 RECEIVED July 6/78
 ANALYSED July 11/78

ATTN: cc: L. Trenholme

SAMPLE NO.	PPM Cu	PPM Mo	PPM U
40N 9E	40	1	
12	12	1	0.5
15	24	1	
18	38	2	0.5
21	64	2	
24	36	2	< 0.5
27	22	1	
30	44	1	0.5
33	20	1	
36	20	1	< 0.5
39	30	1	
42	28	1	< 0.5
45	30	1	
48	50	1	< 0.5
40N 51E	38	2	
40N 3W	34	1	< 0.5
6	26	1	
9	42	1	< 0.5
40N 12W	32	1	
45N 00	20	1	0.5
3E	18	1	
6	18	1	< 0.5
9	28	1	
12	14	1	1.0
15	88	1	
18	26	1	< 0.5
21	28	1	
24	54	1	< 0.5
27	40	1	
30	38	2	0.5
33	56	2	
36	62	2	< 0.5
39	30	1	
42	26	1	< 0.5
45	28	1	
45N 48E	12	2	< 0.5
45N 3W	62	1	
6	30	1	< 0.5
9	58	1	
45N 12W	36	1	< 0.5
STD.	72	5	22



MEMBER
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 TELEPHONE 985-0648
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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 44029

INVOICE NO. 26443

RECEIVED July 6/78

ANALYSED July 11/78

TO: Consolidated Kalco Valley Mines
 511 - 850 W. Hastings St.
 Vancouver, B.C.

ATTN: cc: L. Tranholme

SAMPLE NO. :	PPM Cu	PPM Mo	PPM U
50N 0	28	1	
3E	30	1	< 0.5
6	30	1	
9	26	1	< 0.5
12	18	1	
15	44	1	< 0.5
18	10	1	
21.	54	2	< 0.5
24	56	2	
27	30	1	< 0.5
30	30	1	
33	24	1	< 0.5
36	18	2	
39	36	4	< 0.5
42	36	3	
45	30	2	0.5
50N 48E	32	2	
50N 3W	12	1	< 0.5
6	72	1	
9	24	1	< 0.5
50N 12W	32	1	
55N 00	24	1	< 0.5
3E	32	1	
6	26	1	< 0.5
9	22	1	
12	98	1	< 0.5
15	42	2	
18	24	1	< 0.5
21	24	1	
24	30	2	< 0.5
27	22	1	
30	26	2	< 0.5
33	34	2	
36	24	1	< 0.5
39	30	2	
42	38	2	< 0.5
45	34	1	
55N 48	20	3	< 0.5
55N 3W	60	1	
55N 6W	38	1	< 0.5
STD.	70	5	



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Hau Bill



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 AREA CODE: 604
 TELEFAX: 043-52587

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 44030
 INVOICE NO. 26443
 RECEIVED July 6/78
 ANALYSED July 11/78

TO: Consolidated Kalco Valley Mines
 511 - 850 W. Hastings St.
 Vancouver, B.C.

ATTN: cc: L. Trenholme

SAMPLE NO.	PPM		PPM U
	Cu	Mo	
55N 9W	28	1	
55N 12W	22	1	< 0.5
60N 00	28	1	
3K	36	1	< 0.5
6	26	2	
9	22	1	< 0.5
12	26	1	
15	52	2	< 0.5
18	28	2	
21	24	1	< 0.5
24	24	2	
27	38	1	< 0.5
30	28	1	
33	32	1	< 0.5
36	26	1	
39	32	1	< 0.5
42	24	1	
45	110	2	< 0.5
60N 48E	56	3	
60N 3W	50	2	< 0.5
6	54	1	
9	38	1	< 0.5
60N 12W	52	1	
65N 12E	36	1	< 0.5
15	22	2	
18	34	1	< 0.5
21	30	1	
24	20	2	< 0.5
27	26	1	
30	20	1	< 0.5
33	18	1	
36	46	1	< 0.5
39	18	1	
42	36	2	< 0.5
45	30	2	
65N 48E	54	3	< 0.5
65N 3W	32	2	
6	10	2	< 0.5
9	14	2	
65N 12W	26	2	< 0.5
STD.	72	6	23



MEMBER
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CHEMEX LABS LTD.

217 BROOKSBANK AVE.
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 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEEX 043-52597

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 44031
 INVOICE NO. 26443
 RECEIVED July 6/78
 ANALYSED July 11/78

TO: Consolidated Kalco Valley Mines
 511 - 850 W. Hastings St.
 Vancouver, B.C.

ATTN: cc: L. Trenholme

SAMPLE NO. :	PPM Cu	PPM Mo	PPM U
70N 00	40	1	
3E	42	1	0.5
6	46	1	
9	36	1	< 0.5
12	46	1	
15	38	2	< 0.5
18	24	1	
21	10	2	< 0.5
24	18	1	
27	16	1	< 0.5
30	26	1	
33	30	1	< 0.5
36	18	3	
39	26	1	< 0.5
42	34	1	
45	30	1	< 0.5
70N 48E	44	2	
70N 3W	38	1	< 0.5
6	42	1	
9	28	1	< 0.5
70N 12W	28	2	
75N 00	16	2	< 0.5
3E	30	2	<
6	34	2	< 0.5
9	52	3	
12	46	1	< 0.5
15	26	1	
18	42	1	< 0.5
21	52	3	
24	36	1	< 0.5
27	32	2	
30	26	2	< 0.5
33	30	3	
36	30	2	< 0.5
39	32	1	
42	50	2	< 0.5
75N 45E	38	3	
80N 00	58	1	0.5
3E	30	1	
80N C B	32	2	0.5
8TD.	74	5	22



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Bill



CHEMEX LABS LTD.

217 BROOKSBANK AVF.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2G1
 TELEPHONE 985-0642
 AREA CODE 604
 TELEX 043 52597

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CERTIFICATE OF ANALYSIS

TO: Consolidated Kalco Valley Mines
 511 - 850 W. Hastings St.
 Vancouver, B.C.

CERTIFICATE NO. 44032
 INVOICE NO. 26443
 RECEIVED July 6/78
 ANALYSED July 11/78

ATTN: cc: L. Trenholme

SAMPLE NO. :	PPM	PPM	PPM
	Cu	Mo	U
80N 9E	42	1	
12	60	1	1.0
15	40	2	
18	28	2	< 0.5
21	28	2	
24	36	1	< 0.5
27	32	1	
30	40	1	< 0.5
33	40	1	
36	32	2	< 0.5
39	16	2	
42	34	1	< 0.5
80N 45E	20	1	



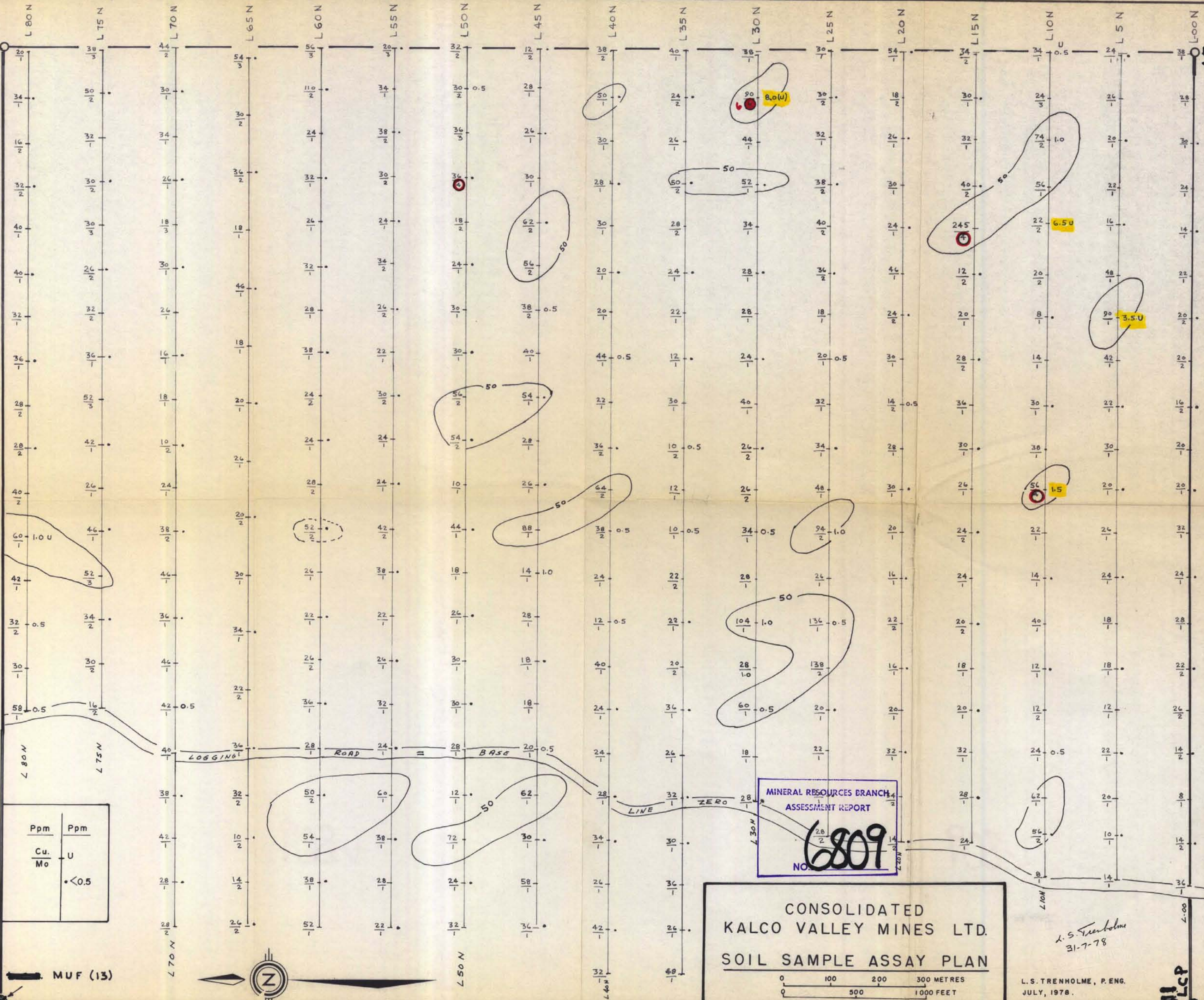
MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Riddle

5N
4E

4E



Ppm	Ppm
Cu	U
Mo	<.05

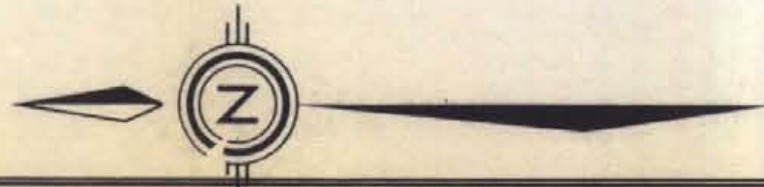
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
6809
NOV 1978

CONSOLIDATED
KALCO VALLEY MINES LTD.
SOIL SAMPLE ASSAY PLAN

0 100 200 300 METRES
0 500 1000 FEET

L.S. Trenholme
31-7-78
L.S. TRENHOLME, P. ENG.
JULY, 1978.

MLCP



MUF (13)