

ARIS SUMMARY SHEET

District Geologist, Nelson

Off Confidential: 92.08.16

ASSESSMENT REPORT 21639

MINING DIVISION: Golden

PROPERTY: AB
LOCATION: LAT 50 55 00 LONG 116 56 00
UTM 11 5640341 504686
NTS 082K15W

CLAIM(S): AB
OPERATOR(S): Adamson, J.S. Berar S.
AUTHOR(S): Van der Lee B.H.
REPORT YEAR: 1991, 19 Pages
COMMODITIES
SEARCHED FOR: Lead, Zinc, Silver
KEYWORDS: Overburden, Quartz, Gossans

WORK
DONE: Prospecting
PROS 150.0 ha
Map(s) - 1; Scale(s) - 1:4000
MINFILE: 082K

1990 - 91 PRELIMINARY GEOLOGICAL REPORT

Including

1990 GEO-CHEM RESULTS and

TRENCHING RESULTS

THE AB MINERAL GROUP CLAIMS

THE GOLDEN MINING DIVISION, GOLDEN, B.C.

NTS MAP: M82K/15W

Lat. 50 Deg. 55 Min.

Long. 116 Deg. 55 Min. 56

for

James S. Adamson, and Sodi Berar, (Operators)

James S. Adamson, and Sodi Berar, of Calgary,
Alberta, owners of the AB Group.

Report prepared by-

Bruce H. van der Lee, P. Eng. Sept. 2, 1991.

B.H. v d L

LOG NO: SEP 24 1991	RD.
ACTION:	
FILE NO:	

TABLE OF CONTENTS

PROPERTY 1 /

LOCATION AND ACCESS 1 /

ECONOMIC GEOLOGY 1 /

GEOLOGY 2 /

INTRODUCTION 2 /

GEO-CHEMICAL REPORT ~~2~~ 3 /

TRENCHING REPORT 3 /

CONCLUSIONS AND RECOMMENDATIONS 4 /

SUMMARY 6 /

CERTIFICATE 7 /

STATEMENT OF COSTS 8 /

INCLUSIONS :

INDEX MAP, ASSAY REPORTS, CLAIM LOCATION MAP, GEO-CHEM AND TRENCHING MAP, AND GEOLOGICAL MAP.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,639

PROPERTY

The property consists of one unpatented mineral claim of 8 units, and 5 one unit claims, for a total of 13 units.

It is known as the AB Mineral Group.

The AB Mineral Group is owned by James S. Adamson of Calgary, and Sodi Berar of Calgary.

LOCATION AND ACCESS

The AB Mineral Group is located on both sides of Crystalline Creek, south of the junction of Crystalline and Vowell Creeks.

The claim area is 56km south west of Parsons, B.C., and can be reached by a forestry road.

The property lies in the valley of Vowell Creek, and on the west slope of the valley at elevations from 1300m to 1800m. Most of the units are accessible by four wheel drive vehicles over existing logging trails. Some of the claim area has been logged, and new road construction on the claims suggests further logging in the near future.

ECONOMIC GEOLOGY

Recent road construction has exposed mineralization which appears to establish the continuity of mineralization with that of the Columbia River mines property to the NW which produced and shipped lead-silver concentrates during the 1970's.

GEOLOGY

The Claim Group is in the Purcel Range, which was mapped by J.E. Reesor, (G.S.C.) Map 12, 1957, (Lardeau Half).

The area is underlain by rock of the Horsethief Creek Series, which consist of argillite, quartzite, pebble conglomerate, and limestone of the late precambrian age. The mineralization appears to have come from a large stock of granodiorite of the mesozoic age which lies to the southeast. There are several folds in the area which dip at approximately 25 degrees. Columbia River Mines occurs in such a synclinal fold within a limestone band.

The AB claims have few outcroppings because the heavy overburden near the valley floor makes detailed surface geology of the claims very difficult.

INTRODUCTION

Because of the lack of outcroppings some geo-chem was done to try and intersect the mineral trend we felt should enter the AB property from the NW. In 1991 a further visit to the property encountered new forestry road construction which exposed rock previously covered by overburden and thus allowed for some intensive hand trenching over a large area of the claims to produce some very interesting results, which are set out under the heading, TRENCHING, of this report.

GEO-CHEM REPORT

On Aug. 16 - 18, and Aug. 27 - 28 / 90,- 47 Geo-Chem samples were taken at various locations on the AB Group of claims to try and intercept the mineralization from the NW. All samples were taken from the -B- zone, and were placed in Geo-Chem bags, which were marked and tied at the sample location. The samples were taken at 10 or 20 meter intervals on claim location lines measured from the I.P. All samples were assayed by Loring Laboratories Ltd., Calgary, Alberta. A 80 mesh was used with all samples, and the analysis was done by hot acid digestion and atomic absorption spectroscopy. The sampling was done by Jim Adamson, and Sodi Berar both of Calgary. All samples were paid for by James Adamson and Sodi Berar.

All the samples were assayed for gold. Some were further assayed for Arsenic, Lead, Silver, Copper and zinc. Map # 4, of this report sets out the gold content of the soils at each location tested.

TRENCHING

A new road was constructed over the winter (1990 - 91) by the forestry on the AB Group Claims. Due to the wet spring portions of bank along these roads have slipped down to cover some of the new exposed gossans and mineralized rock. A considerable amount of hand trenching was necessary to expose

these gossans which are indicated on Map # 4 along with the gold assay results at these locations. Mineralization was exposed at 13 locations, and all samples were assayed for Au, Ag, Cu, Pb, and Zn. The results are included in the assay section of this report.

Many of the quartz and gossan locations show interesting values in the base metals. The trenching shows this mineralization to run through the claims in a NW to SE direction. The proximity to the Mine Quest Property, and the Columbia River Mines to the NW shows a very possible linkage to these proven areas of mineralization.

This trend is also carrying gold values as high as 595 ppb, and appears to be 1200 meters long and to link up with the VAD property to the SE where interesting gold values have been found.

CONCLUSIONS AND RECOMMENDATIONS

The 1990-91 season has shown mineralization across the AB Claim Group on trend with the Mine Quest Property and the Columbia River Mines Property to the NW, and the VAD property to the SE. The quartz showings are carrying interesting values in gold and silver and have a base metal potential. The gossans and soils which show high gold and base metal values should be investigated at depth. The exposures of quartz and gossans should be traced through the property if possible to link the north and south areas of mineralization to determine the best locations for more intensive exploration. Some geo-chem lines

and a magnetometer survey should help determine the trend through the property.

Initially 4 or 5 East - West geo-chem lines at 200 meter intervals across the NW to SE trend should help to establish continuity between the north and south exposures. Samples should be taken at 20 meter intervals on these lines. After a link-up of the two zones is evident, further geo-chem to make the survey lines 100 meters apart would help determine the areas of higher mineral potential. A magnetometer survey across the trend area may also prove usefull.

SUMMARY

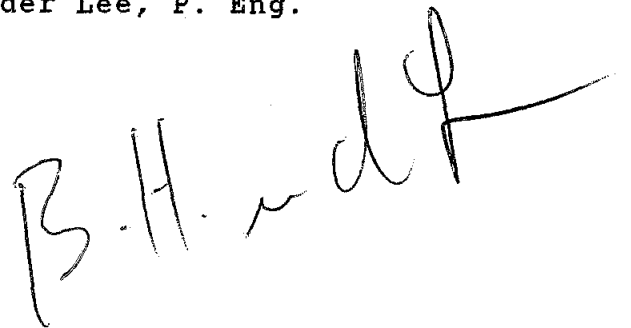
Two trips were made to the AB Group Claims to gather geo-chem samples on Aug. 17 - 18 and Aug 27 - 28. The rains made the going slow and quite treacherous at times. The geo-chem samples were taken over a wide area to try and pick up the NW to SE mineral trend. Another trip was made July 24 - 26 / 1991 to investigate the shoulders of the new forestry road which was built last winter that traverses the AB claims area. A considerable amount of hand trenching over two days uncovered many mineralized quartz formations and gossans, as is indicated in the assay section of this report.

C E R T I F I C A T E

This is to certify that I, Bruce H. van der Lee :

1. Am a resident of Calgary, Alberta, and live at #1100, 1122 - 4th Street, S.W. T2R 1M1.
2. Am a graduate of the University of Alberta B. Sc. in Mining Eng. (1979)
3. Am a member of APEGGA.
4. Have no interest direct or indirect in the properties known as the AB Mineral Group Claims.
5. Have authorized this report after examination of the field data and the G.S.C. reports pertaining to the area.

Bruce H. van der Lee, P. Eng.

A handwritten signature in black ink, appearing to read "B.H. v d L", is written over the typed name. The signature is cursive and somewhat stylized, with a long horizontal stroke at the end.

STATEMENT OF COSTS

Geo-Chem and rock assays	611.11
Labor: Geo-chem & hand trenching- 2 men-4 1/2 days @ 8.00 per hour	576.00
Board: @ 15.00 per man per day - 14 man days	210.00
Geo-chem bags and supplies-	40.00
4x4 - @ 35.00 per day - 7 days	245.00
Chain Saw @ 8.00 per day - 7 days	56.00
Travel in B.C. - 45.00 per trip - 3 trips	135.00
Preparing Report and maps	300.00
	<hr/>
Total Costs.....	2173.11

117°00'

MB2K/15W

51°00'

MB2K/15

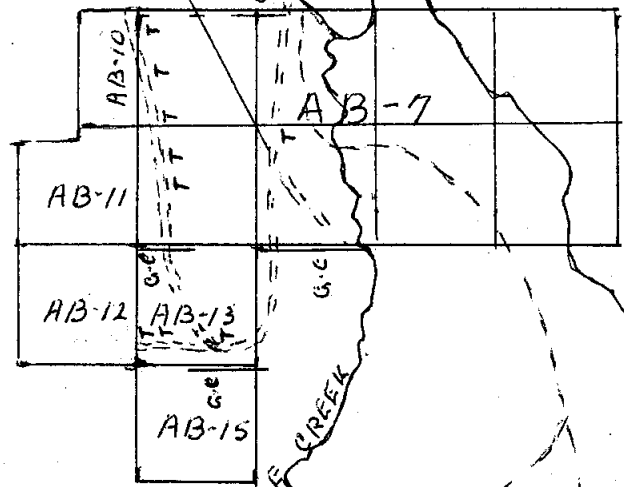
VERMONT CREEK

CRYSTAL CREEK

=== NEW FORESTRY ROAD

54 KM TO PARSONS B.C.

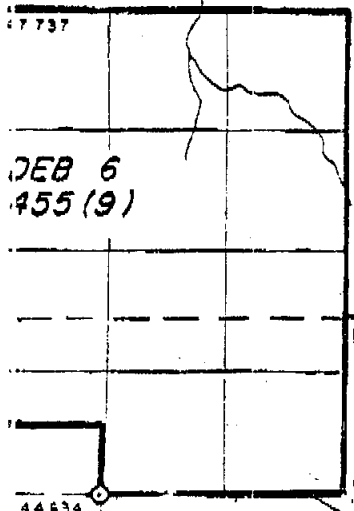
YOWELL CREEK



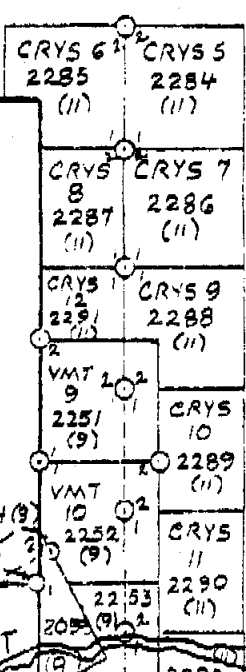
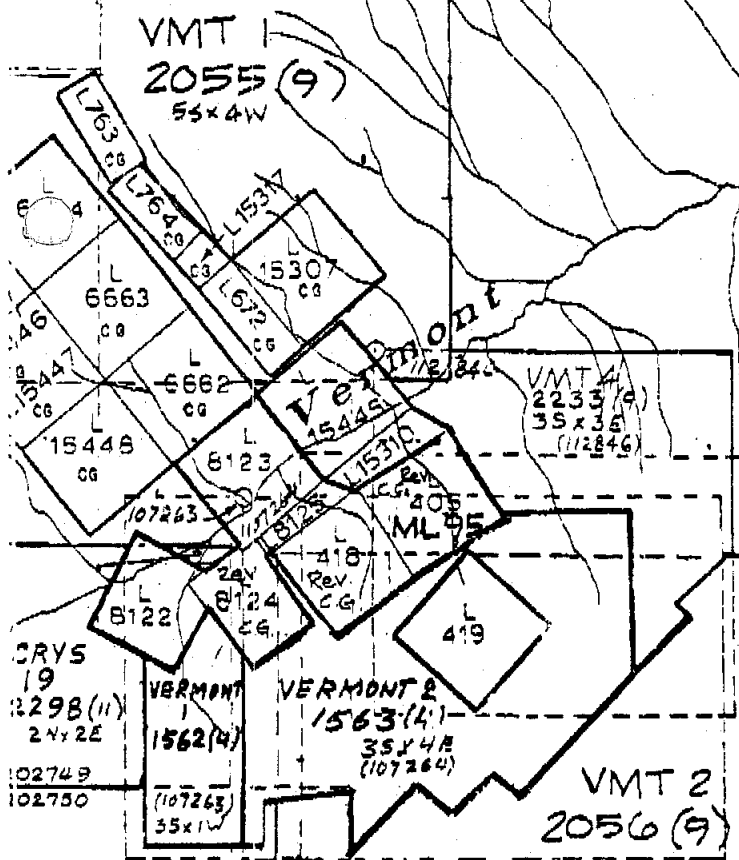
1990-91
INDEX MAP# 1
AB CLAIMS
Geo-chem = G.C
TRENCH = T

500 M

51.00' M82K\15W

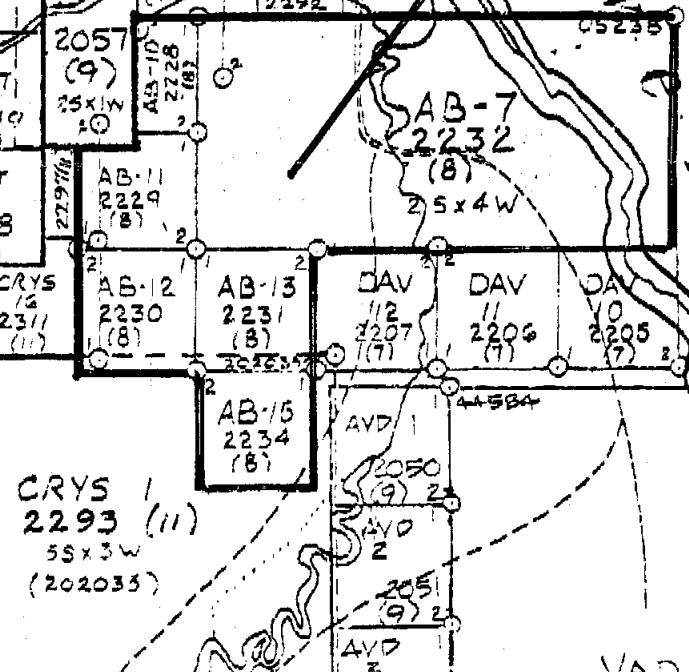
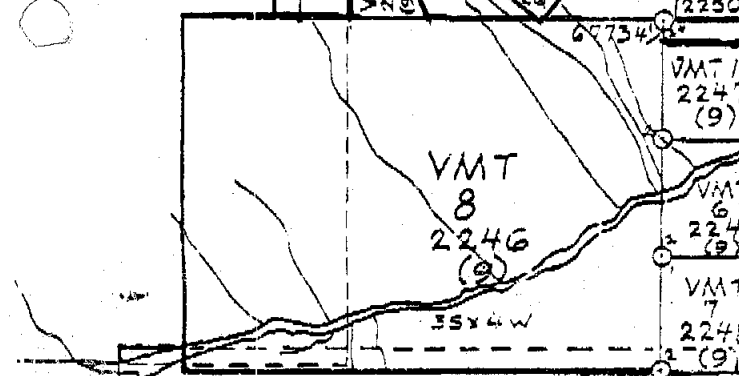


DEB 6
455 (9)



-AB-MINERAL GROUP

CRY 20
2299 (11)
55x3E



500M

CLAIM MAP # 2

VAD-1

117°00'

GEOLOGICAL MAP # 3 45'

4000M

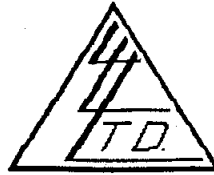
AB-GROUP-CLAIMS

30



To: A & B RESOURCES,
539 - 47th Avenue S.W.,
Calgary, Alberta T2J 1C5

File No. 33679
Date October 24, 1990
Samples Soil



ATTN: Jim Adamson

Certificate of Assay LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.

PPB
Au

Geochemical Analysis

AB 15 OM POST W	25
AB 15 10MW	25
20MW	35
30MW	30
40MW	25
50MW	15
60MW	25
70MW	20
80MW	5
90MW	5
100MW	30
110MW	<5
120MW	40
130MW	35
140MW	30
150MW	60
2 S 1060 W	20
1080 W	30
1100 W	15
1120 W	15
1140 W	<5
1160 W	<5
2 S 1180 W PATH	15
2 S 1200 W	10
1220 W	20
1240 W	15
1260 W	10
1280 W	5
1300 W	5
1320 W	10

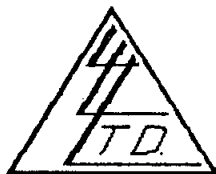
I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

Objects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: A & B RESOURCES,
539 - 47th Avenue S.W.,
Calgary, Alberta T2J 1C5
ATTN: Jim Adamson

File No. 33679
Date October 24, 1990
Samples Soil



Certificate of Assay LORING LABORATORIES LTD.

Page # 2

SAMPLE NO.	PPB Au
2 S 1340 W	<5
1360 W	10
1380 W	10
1400 W	10
1800 M 2 S	5
1920 M 2 S	<5
1832 M WEST IP-O	10
1960 M WEST 2 S	10
0-1618 M WEST	10
POST 2000W FROM "O" IP	15
POST # 3 2 S 2000 M WEST	10
2 S 1420 W NEW	
LINE 2 S 3 W POST	15
1719 M WEST OF "O" IP	<5

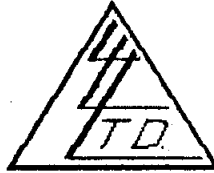
I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: A & B RESOURCES,
539 - 47th Avenue S.W.,
Calgary, Alberta T2J 1C5

File No. 33679
Date October 24, 1990
Samples Soil



ATTN: Jim Adamson

Certificate of Assay LORING LABORATORIES LTD.

Page # 3

SAMPLE NO.	PPB Au	PPM Ag	PPM Cu	PPM Pb	PPM Zn
------------	-----------	-----------	-----------	-----------	-----------

Geochemical Analysis

POST 3 W	15	1.0	61	65	128
3 W 20 M EAST	<5	0.5	40	26	82
3 W 40 M EAST	5	0.8	26	30	74
3 W 60 M EAST	10	0.4	28	29	48

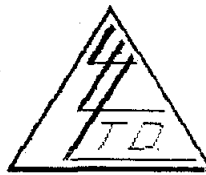
I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Objects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: A & B RESOURCES,
539 - 47th Avenue S.W.,
Calgary, Alberta T2J 1C5

File No. 34523
Date August 7, 1991
Samples Rock/Soil



ATTN: Jim Adamson

Certificate of Assay LORING LABORATORIES LTD.

Page # 1


SAMPLE NO.	PPM Cu	PPM Pb	PPM Zn
------------	-----------	-----------	-----------

Geochemical Analysis

1	45	4100	189
2	231	+20000	215
3	5	101	13
4	5	222	13
5	6	23	11
6	4	41	8
7	50	316	43
8	163	+30000	180
9	87	363	712
10	31	240	2290
11	35	2005	63
12	120	173	122
13	13	76	29

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: A & B RESOURCES,

539 - 47th Avenue S.W.,

Calgary, Alberta T2J 1C5

ATTN: Jim Adamson

File No. 34523

Date August 7, 1991

Samples Rock/Soil



Certificate of Assay LORING LABORATORIES LTD.

Page # 2

SAMPLE NO.

PPB
Au

OZ./TON
SILVER

%
Pb

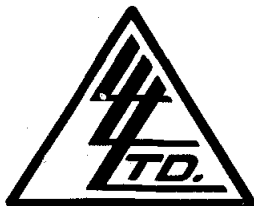
"Assay Analysis"

1	41	0.59	-
2	38	3.90	2.52
3	17	0.06	-
4	39	0.06	-
5	28	0.05	-
6	47	<0.01	-
7	72	0.31	-
8	292	5.50	5.40
9	595	0.01	-
10	33	0.03	-
11	57	0.33	-
12	420	0.02	-
13	21	0.06	-

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer



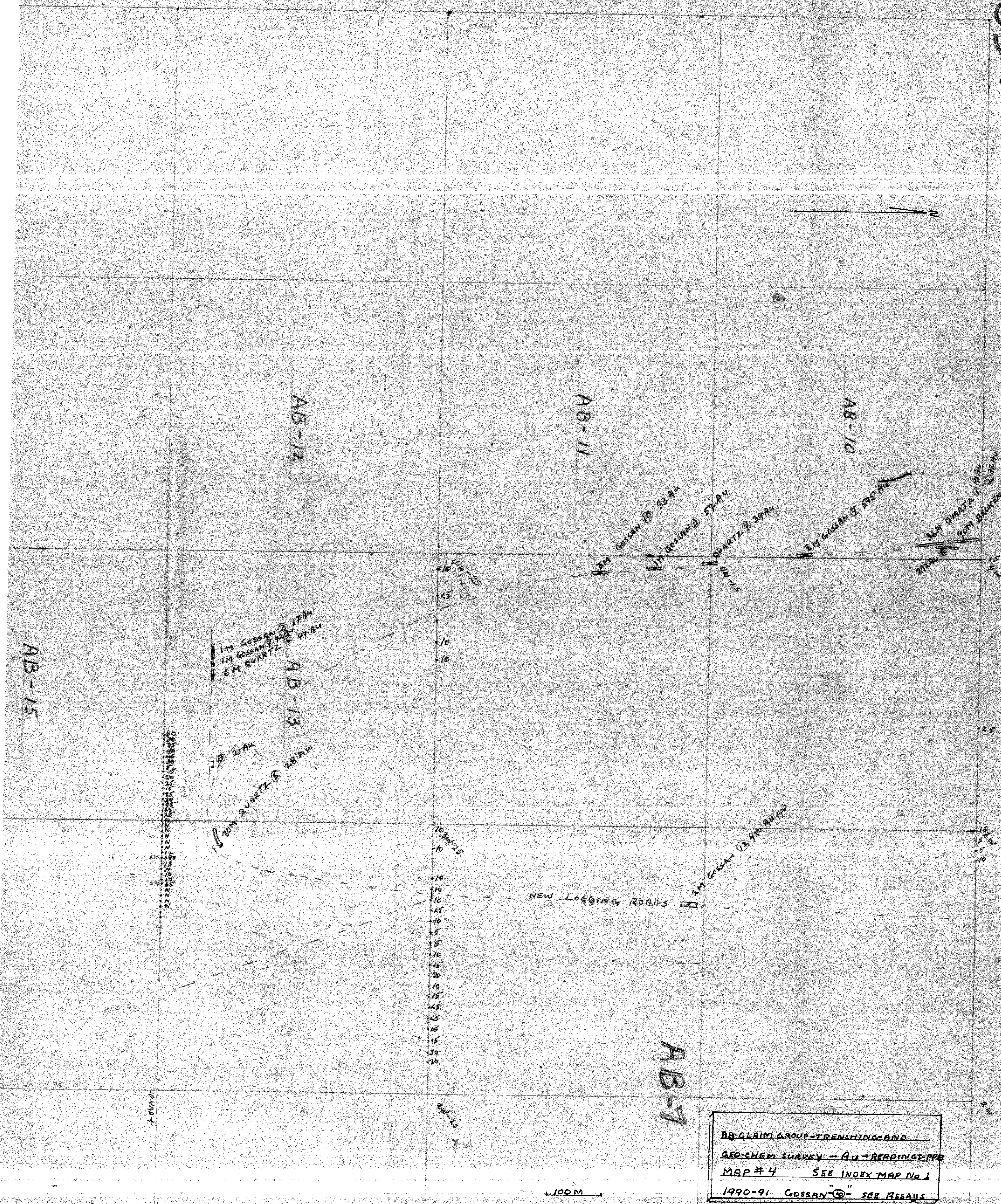
LORING LABORATORIES LTD.

629 Beaverdam Rd. N.E.
Calgary, Alberta T2K 4W7

Tel: (403) 274-2777
Fax: (403) 275-0541

SAMPLE DESCRIPTIONS

- 1 - 866 M N TOP ROAD
- 2 - TOP ROAD
- 3 - WEST END OF ROAD CRYSTALLINE
- 4 - 500 ME - AB11 - FP
- 5 - MAIN CORNER IN SOUTH AB-5
- 6 - 75 ME END OF RD.
- 7 - 30 ME WEST TO EAST, END OF ROAD
- 8 - BOTTOM RD. N.AB5.FP 900M
- 9 - 665 M.N AB 11 FP
- 10 - 300 M.N. AB11 FP (Soil)
- 11 - 410 M.N AB11 FP
- 12 - LOWER ROAD SOUTH OF BRIDGE, 1 KM FROM S TURN (Soil)
- 13 - WEST OF RD., CRYSTALLINE CREEK, WEST TO EAST



BB CLAIM GROUP - TRENCHING AND
GEO-CHEM SURVEY - Au - READINGS - PPB
MAP # 4 SEE INDEX MAP No 1
1990-91 GOSSAN "G" - SEE ASSAYS

100M