

FILMED

LOG NO:	Aug 9/88	RD.
ACTION:		
FILE NO:		

1993 - 94, GEO-CHEM SURVEY RESULTS AND TRENCHING

AND

GEOLOGICAL MAPPING

THE VAD-AB MINERAL GROUP CLAIMS

THE GOLDEN MINING DIVISION, GOLDEN, (B.C.) GEOLOGICAL BRANCH
ASSESSMENT REPORT

NTS MAP: M82K/15W ✓

Lat. 50 Deg. 55 Min. ✓

Long. 116 Deg. 55 Min. ✓

for

23,440

James S. Adamson, Owner of the VAD MINERAL GROUP,
Calgary, Alberta.

Report prepared by William D. van der Lee, P. Eng.
July 28, - 1994.

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INCLUSIONS :

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

~~R. Lenge's P. Eng. GEOLOGICAL REPORT INCLUDED.~~

See AR#23156

PROPERTY

The VAD-AB Group Claims are made up of the VAD Claims which consist of; one unpatented mineral claim containing 16 units, and 6 claims of one unit each, for a total of 22 units; and the AB Claims which consist of one unpatented mineral claim of 8 units, and 5 claims of one unit each.

The VAD Claims are owned by James Adamson of Calgary, Alta. and the AB Claims are owned by James Adamson and Sodi Berrar of Calgary, Alberta.

LOCATION AND ACCESS

The VAD-AB Mineral Group is located between Crystal and Conrad Creeks, and just south of the junction of Crystal and Vowell Creeks.

The claim group is 56km from Parsons, B.C., and is accessible by an all-weather road. Parsons is served by Highway 97 and the CPR.

The property is on the west slope of the Vowell Creek valley at an elevation of 1300 to 2000 meters. Some of the property is accessible by 4 wheel drive vehicles over existing logging trails.

Although the valley is heavily timbered about a third of the claim area has been logged.

ECONOMIC GEOLOGY

The VAD-AB Mineral Group is an interesting prospect as it appears to be on strike with the Columbia River mines property to the north-west. Columbia River Mines was in operation during the 1970's and shipped lead-silver concentrates to the smelter.

GEOLOGY

The VAD-AB Claims are in the Purcel Range, in the area that was mapped by J.E. Reesor, (G.S.C.) Map 12, 1957, (Lardeau Half).

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

The VAD-AB property has few outcroppings due to heavy overburden in the area, and it is only recently that forestry roads have exposed some of the underlying rock.

INTRODUCTION

With the Grouping of the VAD and AB Claims to form the VAD-AB Group we find that with the due dates for assessment about a month and a half apart it is necessary to submit two Statements of Work, one for the VAD portion and another for the AB claims. The Statement's of Costs included in this report will show the amounts allocated to each Statement of Work.

A geological mapping survey was done over some of the claim area to determine if the same formations are present on the VAD-AB claims, that are the mineral bearing formations on the Mine Quest Claims to the NW. The Survey and Mapping was done by Robert Longe, P. Geol. from Aug. 25, to Aug. 30/93. A copy of his report is ^{see A.R. 23156} ~~enclosed~~. The same formations where important mineral intersections were located in previous drilling on the Mine Quest claims were located on the VAD-AB claims. These formations extend for a distance of two kilometres in a SE direction which is consistant with the direction of the strike of the mineralization which has

been found on both properties. It is now felt that the properties are linked by a common ore body. Robert Longe's Report indicates that the mineralization on the Mine Quest property to the north occurs at the contact between the "A" and "M" formations which are on both properties. His report shows where each of these formations is outcropping and the extent of the exposure. It is also interesting to note that samples taken by Robert Longe confirm gold of 1800 ppb in an area where previous sampling showed values as high as 7000 ppb Au.

Channel samples were taken along the lower switchback road and assayed for Au content with interesting results. Trenching in heavy overburden to obtain samples between the 840m and 1400m interval showed lower values in gold. A considerable amount of manganese in the sampled soils indicated that extensive manganese beds exist upslope.

Another visit to the Claims Area July 8 - 11 of 1994 with a Metro-Tech 480 was made to extrapolate the mineral showings which have been found previously. Excellent results were obtained and one showing at the 1100S-200W location was followed and flagged for 1.5 Km. Some Geo-Chem samples were taken over this area to see if the zone indicated approached the surface.

The instrument was used at another location to locate a drill site where Far East Minerals found massive galena in a 1966 drill program, and for which records are no longer obtainable. The site appears to have been relocated.

A Survey Location Line was put in on the AB portion of the claims on a 30 to 39 degree slope to tie in all previous Geo-Chem Surveys. The samples taken over this new logged area were difficult to obtain due to the slope and the debris from the recent logging operation.

GEO-CHEM AND TRENCHING REPORT

A more detailed examination between the 40m and 130m sample locations on the bottom switch-back road to try and determine what

the gold values are in various widths of the formation was carried out by Sodi Berrar and Jim Adamson on Aug. 13-14, 1993. Considerable hand trenching was necessary to get through overburden to sample the weathered material at greater depth. These results confirmed earlier assays and showed that gold values exist over various widths of the formation.

The geo-chem line along the bottom switch-back road was continued from the 830m location to 1400m, at 10m intervals. The work was done from Aug. 24-26/93, by Jim Adamson, Sodi Berrar and Bill van der Lee. All samples were run for gold. The results were not as good as expected, possibly due to the heavy overburden. A considerable amount of black manganese has been transported from manganese beds above these sample locations and has blackened much of the overburden. This would seem to indicate a much larger manganese bedding than has been previously found to date. Mechanical means for overburden removal may be necessary to obtain good samples at depth. However sampling further up the slope may be the answer.

All the above samples were assayed by Loring Laboratories Ltd., in Calgary, Alberta.

GEOLOGICAL MAPPING

A geological mapping survey was done by Robert Longe P.Geol, from Aug. 26-30 / 93. The survey shows that the formations in the mineralized areas on the Mine Quest Claims to the NW, are the same formations as those which show mineralization on the VAD-AB claims. This would indicate that we could expect the same interesting mineral intersections that were found on their property when it was drilled several years ago. A copy of Robert Longe's report is ~~included~~ *see A.R. 23156*

INDUCED SIGNAL SURVEY

This survey was done with a Metro-Tech 480 instrument with what appears to be very good results. It works well in locating and following bedded mineralized sediments. The survey was carried out by Bill van der Lee and Sodi Berrar on July 8-11 1994.

CONCLUSIONS AND RECOMMENDATIONS

Robert Longe's Report shows the possibilities for mineralization along the south end of the upper switchback road and beyond to the south. It would seem prudent in light of this survey to look this area over thoroughly before a drill is brought onto the property.

There are three zones showing above normal readings in Au on the lower switchback road that should be extended upslope by geo-chem or shallow trenching to try and tie in with the mineralization on the upper road. The Metro-Tech 480 should prove very helpful in following these zones. An EM survey and possibly a Gravity survey could also be helpful. The manganese beds on the upper road should also be extended up and down slope.

SUMMARY

Robert Longe P.Geol. did a Geological Mapping survey on the NW portion of the VAD-AB claims and located the same formations on these claims that are carrying the mineralization on the Mine Quest Claims adjacent to us on the NW. It now appears that the ore body is continuous through both sets of claims.

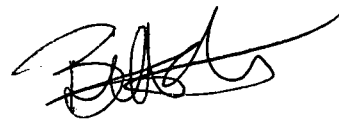
Two other trips were made to the Property in Aug. 1993, and trenching and assay work confirmed that gold occurs over various widths of the formation between the 40m and 130m interval on the lower switchback road. Lower values in gold were found in the 830m to 1400m interval due to very heavy overburden. Sampling further up the slope should alleviate this problem.

A trip was made to the Property July 8 - 11, 1994, to put in a new location line to tie in existing geo-chem data. Some geo-chem samples were also taken. A Metro-Tech 480 Induced Signal Instrument was used to extend known mineralized exposures.

C E R T I F I C A T E

This is to certify that I, William D. van der Lee :

1. Am a resident of Calgary, Alberta, 1416 Colleen Ave. S.W. Calgary, Alberta. T2V 2R5
2. Am a graduate of the University of Alberta, B.Sc. in Civil Eng. (1980)
3. Have visited the AB Group Claims during the 1993-94 reporting season.
4. Have authorized this report after examination of the field data and the G.S.C. Reports pertaining to the area.



William D. van der Lee, P. Eng

STATEMENT OF COSTS FOR THE VAD-AB MINERAL GROUP CLAIMS: - VAD
PORTION - (22 UNITS)
FOR 1993 - 94.

Claim VAD-AB Mineral Group Claims - 35 units.

Map No. 82K/15W.

The following work is applied on the Statement of Work to -

Mi. Rec. Nos. 213436, 213570 - 572, 213725 - 727.

These Claims were recorded at Golden, B.C. ; - VAD 1, on July 6/88,
- AVD 1, 2, 3, on Sept. 16/89, - DAV 1, 2, 3, on July 18/90.

Two Trips-

Geo-chem and Rock Assays	815.55
Geo-chem & Channel Sampling, Trenching, 10 days,-90.00 day..	900.00
Board 10 days	240.00
Flagging, bags, and supplies	55.00
Chain Saw - 8.00 per day - 5 days	40.00
4 X 4 - 40.00 per day - 5 days	200.00
Travel in B.C. - 50.00 - 2 trips	100.00
Copies of reports and maps	75.00
Preparing Reports	300.00
Report- Robert Longe, P. Geol.- Geological Mapping	<u>1600.00</u>
Total Costs	4325.55

STATEMENT OF COSTS FOR THE VAD-AB MINERAL GROUP CLAIMS: - AB
PORTION - 13 UNITS

Claim VAD-AB Mineral Group Claims - 13 units.

Map No. 82K/15W.

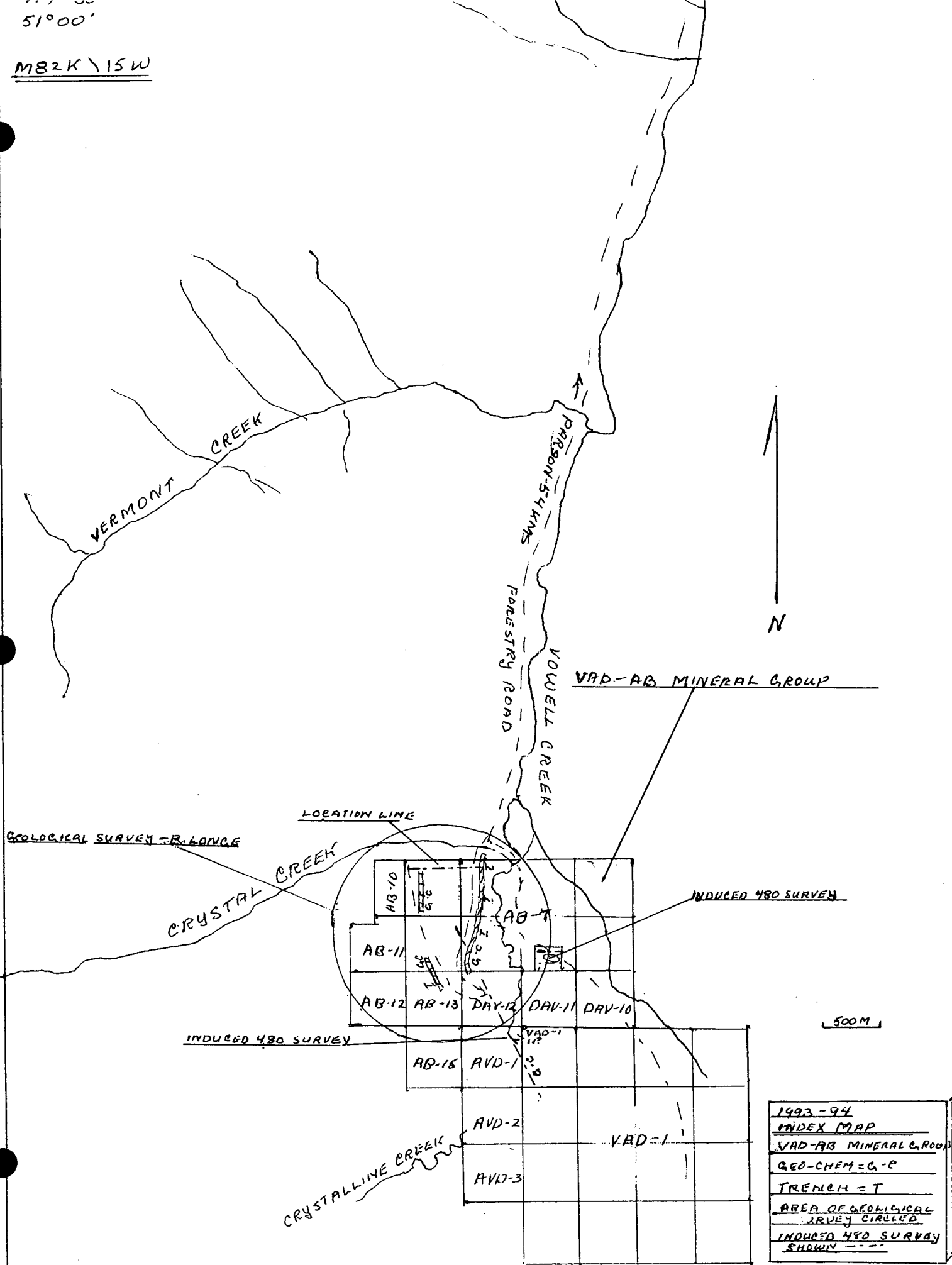
Min. Rec. Nos. 213752, 213748, 213749, 213750, 213751, 213754.

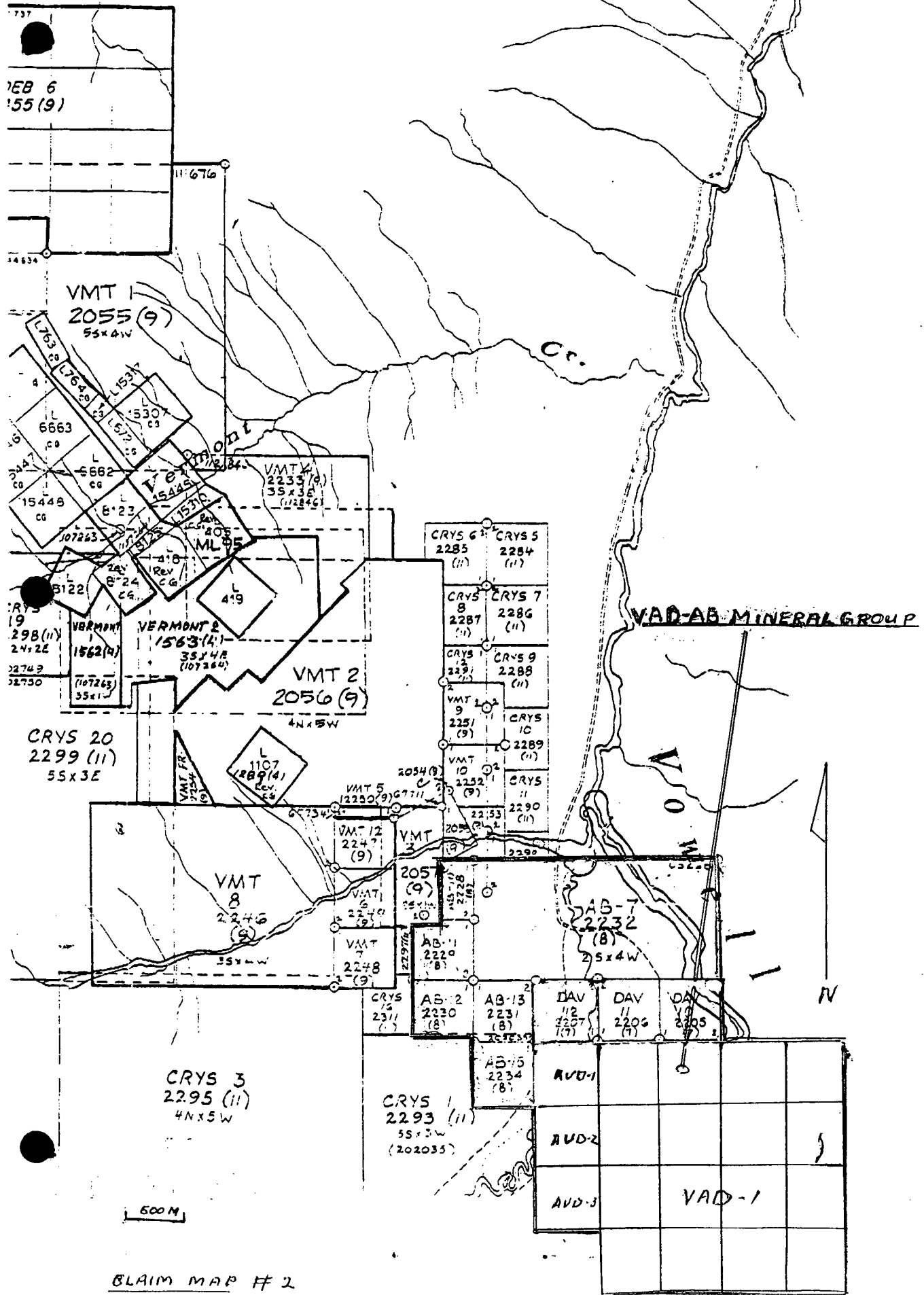
Trip made July 8 - 11 /1994

Geo-chem and rock Assays	251.00
Geo-chem sampling - 100.00 per day - 3 days	300.00
Induced Metro Tech 480 Survey - 4 days	480.00
New location line and trenching - 90.00 day - 4 days	360.00
Board 6 men for 2 days = 12 days @ 20.00 per day	240.00
Instrument Rental 3 days	150.00
4x4 - 3 days - 40.00 day	120.00
Half ton - 25.00 day - 3 days	75.00
Travel in B.C. 3 vehicles 50.00	150.00
Chain Saw - 10.00 day	30.00
Supplies etc	<u>81.00</u>
 Total Costs	 2237.00

51°00'

M82K \ 15W





DEB 6
155(9)

VMT 1
2055 (9)
55x4W

VMT 4
2233 (9)
35x3E
(12246)

VMT 2
2056 (9)
4N x 5W

CRY 20
2299 (11)
55x3E

VERMONT 2
1563 (4)
35x4E
(107264)

VMT 8
2246 (9)
35x4W

VMT 12
2247 (9)

VMT 13
2248 (9)

CRY 3
2295 (11)
4N x 5W

CRY 1
2293 (11)
55x3W
(202035)

CRY 6
2285 (11)

CRY 8
2287 (11)

CRY 12
2291 (11)

CRY 9
2288 (11)

CRY 10
2252 (9)

CRY 11
2253 (11)

CRY 13
2254 (11)

CRY 14
2255 (11)

CRY 15
2256 (11)

CRY 16
2257 (11)

CRY 17
2258 (11)

CRY 18
2259 (11)

CRY 19
2260 (11)

CRY 20
2261 (11)

VAD-AB MINERAL GROUP

AB-7
2232 (8)
25x4W

AB-12
2230 (8)

AB-13
2231 (8)

AB-14
2232 (8)

AB-15
2233 (8)

AB-16
2234 (8)

AB-17
2235 (8)

AB-18
2236 (8)

DAV 12
2207 (7)

DAV 11
2206 (7)

DAV 10
2205 (7)

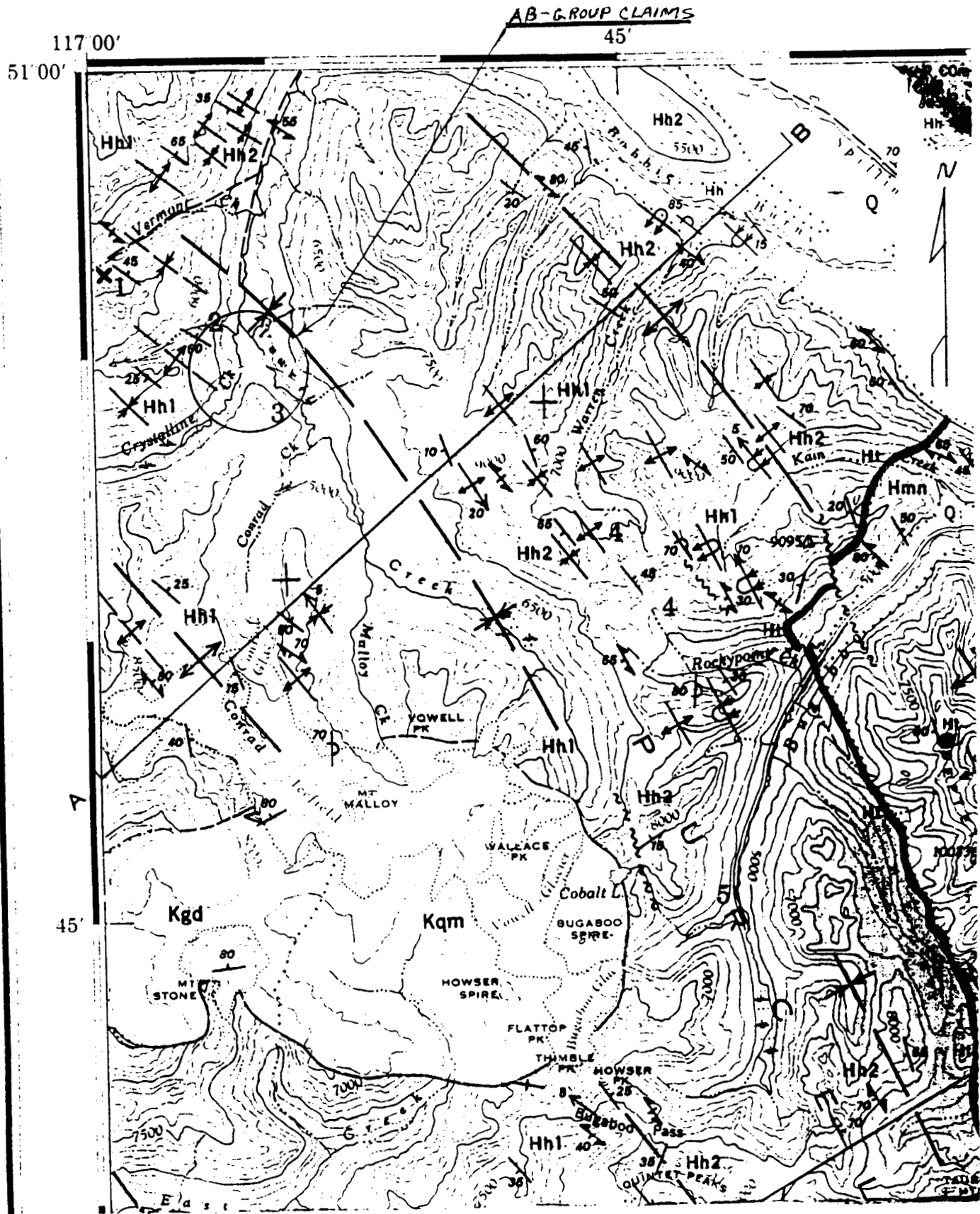
AVD-1

AVD-2

AVD-3

VAD-1

500M



Geological Map #3

4000 M

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

File No. 36035
Date September 17, 1993
Samples Soil



ATTN: Jim Adamson

Certificate of Assay LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.

PPB
GOLD

Geochemical Analysis

Centre of Wash Grey & Rusty Soil	9
20 ft Left of Wash Shaley Soil	12
Upper Rd 42m From "O"	18
Upper Rd 46m From "O"	24
0+110 3.15-3.90 MS	322

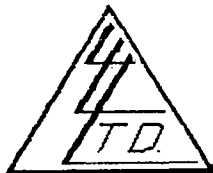
I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

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


Assayer

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

File No. 36035
Date September 17, 1993
Samples Rocks & Soil



ATTN: Jim Adamson

Certificate of Assay LORING LABORATORIES LTD.

Page # 2

SAMPLE NO.

PPB
GOLD

Geochemical Analysis

0+110 Channel 1.65 MS	93
0+110 1.65-3.15 MS	20
0+110 2M N C	163
0+110 5M N - 11M N C	195
0+110 11M-13M N C	23
0+110 2M N - 5M N C	295
0+110 Soil & Rock Orig 1 ft	80
0+110 Rock Orig 1ft	5
Rusty Black Rock?	540
L-00 0+265M	21
Top Rd Northend (Galena)	128
Top Rd Southend Slide Mn., Qtz., Weathered	6

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

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are made in advance.


Assayer

To: A & BRESOURCES, _____

539 - 47th Avenue S.W., _____

Calgary, Alberta T2J 1C5 _____

ATTN: Jim Adamson _____

File No. 36035 _____

Date September 17, 1993 _____

Samples Rocks & Soil _____



Certificate of Assay LORING LABORATORIES LTD.

Page # 3

SAMPLE NO.

PPB
GOLD

Top Rd Southend
Slide (Pyritic
Rock)


17

Top Road Southend
Slide (Rusty
Pyritic)

17

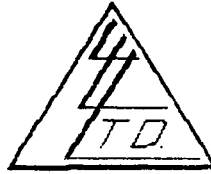
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Pulps retained one month
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are made in advance.


Assayer

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

File No. 36551
Date May 6, 1994
Samples Soil



ATTN: Jim Adamson

Certificate of Assay LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.

PPB
GOLD

Geochemical Analysis

Lower S with 00- 840	84
00- 848	16
00- 865	14
00- 892	47
00- 900	<5
00- 920	41
00- 930	5
00- 950	<5
00- 960	<5
00- 970	8
00- 980	<5
00- 990	<5
00-1000	18
00-1010	5
00-1020	<5
00-1030	<5
00-1040	10
00-1050	25
00-1060	<5
00-1070	14
00-1080	<5
00-1090	5
00-1100	5
00-1110	5
00-1120	8
00-1130	7
00-1140	5
00-1150	24
00-1160	13
00-1170	7

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

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Dulps retained one month
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are made in advance.

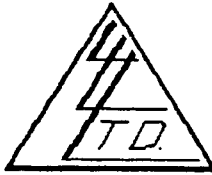

Assayer

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

File No. 36551

Date May 6, 1994

Samples Soil



ATTN: Jim Adamson


Certificate of Assay LORING LABORATORIES LTD.

Page # 2

SAMPLE NO.	PPB GOLD
Lower S with 00-1180	14
00-1190	7
00-1200	16
00-1210	9
00-1220	13
00-1230	<5
00-1240	9
00-1250	11
00-1260	10
00-1270	11
00-1280	6
00-1290	8
00-1300	10
00-1310	5
00-1320	5
00-1330	<5
00-1340	<5
00-1350	<5
00-1360	<5
00-1370	<5
00-1380	<5
00-1390	7
00-1400	<5
00 + 40 (In Rock - 1 M Wide)	37
00-110N + (44M-5M)	1850
110N + 1.5-18M	256
00-110S 3-3.6M	319
00-110S (3.6M-5.M)	52
00-110S (4M-5 1/2M)	47

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
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are made in advance.


Assayer

To: VAD - A & B GROUP, _____

539 - 47th Avenue S.W., _____

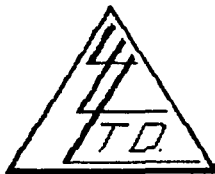
Calgary, Alberta T2J 1C5 _____

ATTN: Jim Adamson _____

File No. 36551 _____

Date May 6, 1994 _____

Samples Rock _____



Certificate of Assay LORING LABORATORIES LTD.

Page # 3

SAMPLE NO. _____

PPB
GOLD

Geochemical Analysis

00-110 + 4M.S to 1M	50
0-110-2M S	39
00 + 40M	7
00-110 1MS to 1/2N	103
00-110 + 3 MS	28

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

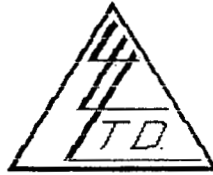
Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.



Assayer

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

File No. 36715
Date July 22, 1994
Samples Soil



Certificate of Assay LORING LABORATORIES LTD.

SAMPLE NO.

PPB
GOLD

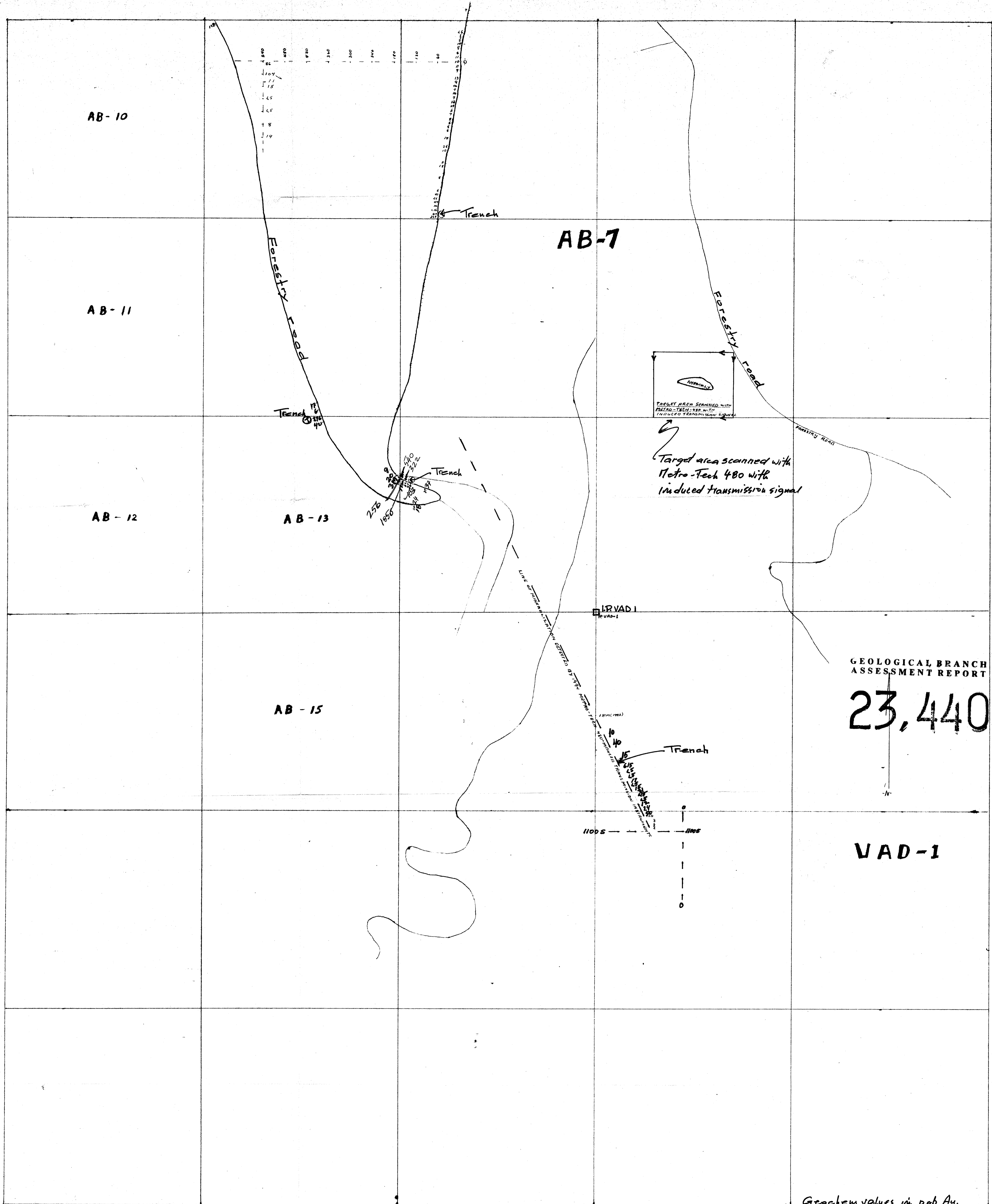
Geochemical Analysis

PL # 1 N.W.	154
PL # 1 N.E.	50
PL # 2 N	24
PL # 3 N.W.	<5
PL # 3 N.E.	12
100N OF 850S	17
850 # 2 NORTH	<5
850S 400W	<5
850 # 3N	<5
540W-0-S	86
540W-30S	104
540W-48S	11
540W-60S	15
540W-90S	<5
540W-120S	<5
540W-150S	8
540W-180S	19
80 SOUTH 94	32
100 SOUTH 94	615
120 SOUTH 94	15
200 SOUTH 94	40
220 SOUTH 94	10
PANNED SAMPLE	17

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

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


Assayer



GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,440

VAD-1

GeoChem - 1993-94 - VAD-AB GROUP
 TRENCHING - 1993-94 - VAD-AB GROUP
 METRO-TECH-480 - INDUCED TRANSMISSION SURVEY
 Geo-Chem - 10m INTERVALS ALL SAMPLES - Au