PART 1 OF Z

TRENCHING REPORT
ON THE
AZZA AND AZZA 2 MINING CLAIMS, 1986

RECORD NO. 1976 and 2165

VERNON MINING DIVISION

NTS 82/15E

118 deg 34'66 and 49 deg 56' N

OWNER: L.A. Bayrock, Ph.D., P.Geol. 1899 Queens Avenue West Vancouver, B.C.

OPERATOR: AMULET RESOURCES COPORATION #430- 475 West Georgia Street Vancouver, B.C.

by

Greg L. Ven Huizen, P.Eng. 3889 Hudson Street Vancouver, B.C. V6H 3A9 27 July 1987

GEOLOGICAL BRANCH
ASSESSMENT REPORT PART

16, 216

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I INTRODUCTION

A) Geographic and Physiographic Position

The Azza and Azza 2 Mining claims are located in the vicinity 118 deg 34' W longitude and 49 deg 56' N latitude in the Vernon Mining Division of British Columbia. It is found on map sheet NTS 82E/15E DEMR. The area is a plateau at an elevation of approximately 1700 meters above sea level. The location of the area is shown on Page 3 and 4, which is 5.5 km NE of Lightning Peak. The claims are swampy with low ridges separating long linear and circular marshes, the marshes drain slowly through the trench-like depressions and form the headwaters of Dictator and Rendell Creeks which eventually drain into the Kettle River. Poor to medium quality forest covers the low ridges separating the swampy areas.

Access to the area is gained from Vernon by taking Highway 6, 80 km east to the Kettle River Road, 10 km south on the Kettle River Road to Forestry Road K-50. Follow K-50 for 5 km and keep to the right on the Winnifred Creek Road and keep to the right for 24 km. The following are passed on the Winnifred Creek Road:

Bridge	8.8	km
Forked jct.	9.1	km
Winnifred Creek Bridge	10.0	km
Cattleguard	15.0	km
Jct.	15.4	km

 Jct.
 18.4 km

 Jct.
 20.5 km

 Campsite (end of road)
 24.0 km

A four wheel drive vehicle is required.

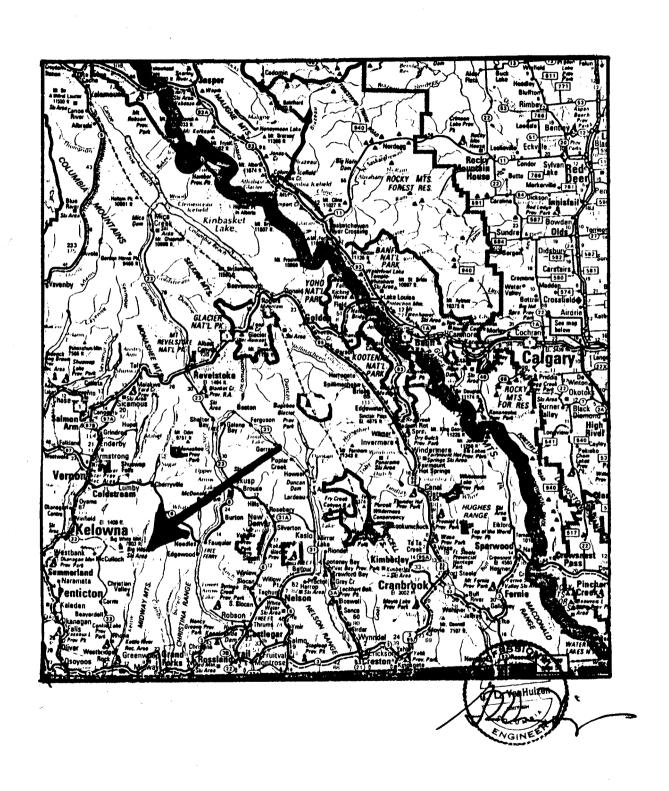
B) Property Definition and History

The property consists of the following claims:

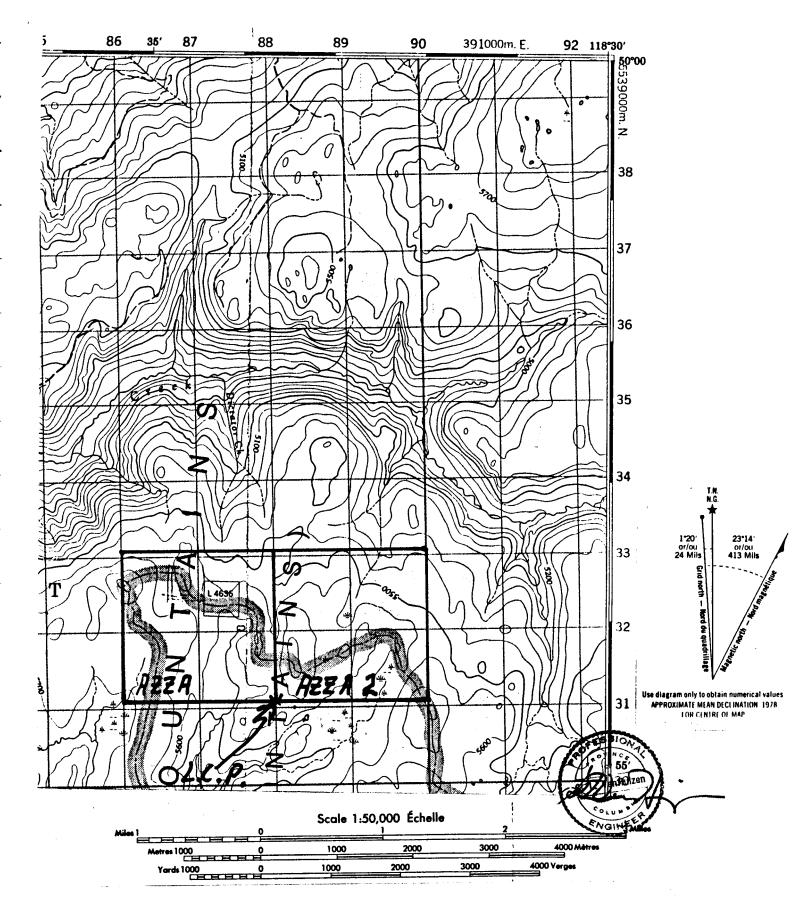
Name		Expiry date	No. of units	Record No.	Mining Division
Azza		23 Aug 87	16	1976	Vernon
Azza	2	20 Oct 87	16	2165	Vernon

The "Azza" claim was staked 23 August 1985 by L.A.Bayrock of 1899 Queens Avenue, West Vancouver, B.C. The "Azza 2" claim was staked by the author of this report as agent for L.A. Bayrock on 18 October 1986. The claims are in good standing and have been optioned to Amulet Resources Corporation of #430- 475 West Georgia Street, Vancouver, B.C. who is the present operator of the claims. The Azza claim surrounds the Dictator Crown Grant and the Rob 1 mining claim.

The area was first staked around the turn of century. The Dictator claim (which is surrounded by the Azza claim) was crown granted on 9 October 1920. An abandoned mine is found on the Rob 1 claim around which are found several thousand tons of dumps. Some descriptions of the deposit exploited by this mine are found in B.C.D.M. 1934 Annual Report and report assays in the drift from .25 to 6.60 opt Au and .75 to 42.2 opt Ag in quartz veins from 4 inches to 2 feet in width. The mine was called the Morning Mine. The author has been working on the property since 1984. The area was staked by L.A. Bayrock in Jan 1983 who did a substantial amount of soil geochemical work. The



MAP 1:GENERAL LOCATION OF AZZA AND AZZA 2 MINING CLAIMS



MAP 2:OUTLINE OF AZZA AND AZZA 2 MINING CLAIMS FROM DEMR MAP No. 82E/15 "Damfino Creek"

area was then staked by Ken Wyngren in Feb 1984. The author conducted soil sampling on the property during 11- 15 July 1984 to further define anomalies found by Bayrock during the previous year. The claims were abandoned in 25 June 1985 and the area was staked by L.A. Bayrock in 23 August 1985. In 20- 23 1986, the author conducted some detailed geochemical work for L.A. Bayrock which is found in the assessment report filed in 1986 for the property. In October and November 1986, trenching and an IP-resistivity survey was carried out on the property. This report covers trenching done on the property.

C) Summary of Work Done

During 23- 29 October 1986, a trenching program was undertaken on the Azza mining claims. The operator of the program was Amulet Resources Corporation. Present during the program was Lewis Vacek, President of Amulet Resources Corporation, L.A. Bayrock, Ph.D., owner of the Azza and Azza 2 mining claims hired as a consultant and Greg L. Ven Huizen, P.Eng. who was hired as a consultant with an "arms length" relation to the property. Six trenches were excavated totalling 210 meters in length and varying from a fraction to about 3 meters in depth. One additional trench was started but it was quickly determined that the ground was too soft and wet for trenching, so efforts were stopped. The trenches were mapped and sampled. Trench locations and profiles are found as appendices of this report. The cat used was an International TD 20 Series E. The cat was operated for 26 hours. Measurements were made with a 50 meter tape and Brunton compass with claim post locations made with the aid of aerial photos.

II. DETAILED TECHNICAL DATA AND INTERPRETATION

A) General Geology

The entire area of the Azza and Azza 2 mining claims is underlain by Nelson Granite, which is a coarse grained granodiorite. Numerous dykes and other related intrusives of basic composition are present in the claim area. Their extent cannot be shown as no detailed geological mapping has been performed to date.

The overburden is thin to very thin being from a fraction to three meters. It is comprised of regolith, colluvium and glacial drift. Outcrops are sparse and small. Outcrops are lacking in the shear zones and hydrothermally altered zones.

The entire area of the claims has been extensively sheared by two major sets of faults which run approximately north—south and east—west. Almost without exception, all of the shear zones have been hydrothermally altered and mineralized to varying degrees. The alterations are predominately of the epithermal type. Kaolinization extends tens of meters laterally from the centers of the shear zones. In places extensive silicification has taken place. Some of the quartz veins are over one meter in width.

The altered shear zones are readily discernible in topography because of the shallow overburden and the imcompetence to erosion of the kaolinized structures. The result is an extensive network of trench like depressions which follow the alteration zones. The alteration zones are from 10

to 50 meters wide and at the junctions of the trenches are sometimes over 100 meters wide.

The shear zones are readily discernible on aerial photographs. The relative ease of spotting the shear zones greatly expedited the locating of mineralized anomalies. The total length of the shear zones within the claim areas is over 40,000 meters.

B) Purpose of the Trenching Programs

The purpose of the trenching program was to confirm that aerial photo lineations found in the area are surficial expressions of shear zones, and that soil geochemical anomalies found along the lineations are the result of mineralization in the shear zones.

Note that the trenching program was limited only to areas accessable by bulldozer. Most of the areas along which anomalies are found are in trench like depressions in which is found muskeg and so are not suitable for trenching with a bulldozer.

C) <u>Description of Procedures</u>

On October 3,6 and 7, L.A. Bayrock took care of contracting for equipment and acquiring the necessary permits for the work program on the property. The cat was transported to within 5 km of the property with a lowboy on 23 October and during 24-27 October the cat was used on the property for a total of 26 hours of cat work. On 28 October the cat was transported off of the property.

The trenching sites were selected with the aid of qeochemical results from previous programs performed on the property. The trench locations and profiles are found in the appendices of this report. The cat was used to remove soil cover down to bedrock if possible, after soil removal the ripper portion of the cat was used to rip the bedrock which was generally soft from surface weathering and from hydrothermal alteration. Samples of the ripped material were taken wherever it appeared that the bedrock was mineralized. Care was taken to take representative amounts of the bedrock from the lengths sampled. In trench 7, a one meter wide quartz vein was unearthed. Samples of the vein were chipped off using geological picks as the material was too resistant to be ripped by the cat. All portions of the trenches are described in the appendices of this report.

Trenching was done only near to the roads on the property.

Trench 6 and 7 were about 250 meters from the road. The cat was walked in along the trench- like lineation to the trenching sites. The four other trenches were located adjacent to the main road on the property. Access to many interesting areas was prohibited by soft ground. These areas can be tested by geophysics and drilling.

Measurements were made with a 50 meter tape and Brunton compass. The legal claim post location is made with the aid of the DEMR 82E/15 and with the help of aerial photos.

The 37 samples taken were sent to Min-En Labs in North Vancouver and analyzed by ICP methods for Ag, Au, As, Ba, Co, Cu, Mn, Mo, Ni, Pb, Sb, V and Zn. Four samples showing the highest values were fire assayed for gold.

The sampling and mapping was done by the author of this report and by L.A. Bayrock. Lewis Vacek, president of Amulet Resources was on the site to inspect the property and to manage the exploration project.

D) Results and Interpretation

Following are descriptions of the trenches:

Trench 1

Trench 1 exposed a hydrothermally altered shear zone. The central zone of the trench was completely argillitically altered with the zones on either side being kaolinized with quartz seams up to 10 cm wide. Sample T1-10.7 was of a 5 cm quartz vein and assayed 16.3 g/tonne Au (0.475 opt). Samples T1-14.0 - 16.0 - T1-2.4 - 6.4 show anomalous concentrations of Au in bedrock over 13.6 meters, with 3 meters (T1-6.4 - 9.4) at 370 ppb Au.

Trench 2

The central part of the lineation was inaccesible for trenching due to soft soil. The rock exposed signs of hydrothermal alteration with the granite being kaolinized.

Trench 3

The central part of the lineation was inaccesible due to soil conditions. The depth of the soil indicates extensive erosion. The bedrock exposed by the trench shows signs of hydrothermal alteration. The granite has been sheared, kaolinized and has quartz stringers and nodules throughout.

Anomalous gold and silver values were found over 5 meters with 2.5 meters at 175 ppb Au and 17.4 ppm Ag.

Trench 5

Trench 5 showed sheared kaolinized granite, diabase dikes and some quartz seams. Two samples were taken from the quartz seams. The best value was 144 ppb Au and 4.0 ppm Ag.

Trench 6

Trench 6 is located at the southern most extension of "BL 3". It appears that the zone ends near here as very little alteration or mineralization was found.

Trench 7

Trench 7 is located on "BL 3" which is on a lineation running into the Morning mine. The trench uncovered a 1 meter quartz vein which looks very similar to material found on dumps around the old mine. The vein is made up of white quartz with 10-20% coarse (up to 5cm) pyrite and galena. The sulfides are anhedral to subhedral. The vein contained anomalous but subeconomic amounts of gold and silver. The structure of the shear zone shows an unaltered footwall with an argillitized hanging wall. Diabase appears to have followed the same structure along which mineralization took place indicating that the structure extends to great depth. As reported in literature (in history section) this vein assayed over 1 opt Au in places.

Interpretation

Trenches; 1, 2 and 3 were excavated over a vein over 900 meters long as determined from aerial photo interpretations and ground topographic examination. The strike of the vein is variable being generally about 350 degrees azimuth. The dip of the structure could not be determined in the field. The width of the epithermal alteration is expressed as complete argillitization over six meters in width. In places, the alteration extends over 25 meters as shown in some of the trenches.

Trench 6 and 7 were excavated on a lineation extending into the Morning Mine. Trench 7 revealed a quartz vein which appears to be similar to that found in the Morning Mine as shown in the dump materials. Trench 6 is apparently at the southern extremity of the vein. The trenches show epithermal alteration with silicification on the foot wall and argillitization on the hanging wall.

Trench 5 was excavated north of Azza Lake and revealed sheared altered rock with some anomalous values.

The trenching shows that the area supports numerous epithermal alteration zones which are mineralized with gold and silver. In all cases where trenching was performed, the aerial photo lineations correspond to the epithermal alteration zones.

E) <u>Conclusions and Recommendations</u> Conclusions

It is concluded by the author that aerial photo lineations

found on the Azza mining claim are surficial expressions of mineralized shear zones. Trenching (in accessible areas) has shown that the lineations lie over hydrothermally altered shear zones mineralized with gold and silver. Trench 7 shows that the mineralized vein found on the Morning Mine continues onto the Azza claim. Trenches 1,2 and 3 expose a mineralized shear zone which is over 900 meters in length (from aerial photos).

Trenching has confirmed the hypothesis that aerial photo lineations found in the area are expressions of mineralized shear zones. Limited access to the most intensely altered areas prohibited trenching many of the most interesting targets.

Recommendations

It is the recommendation of the author of this report that further work be done in the area consisting of line cutting, IP-resistivity surveys and drilling of the most promising targets outlined. Trenching should also be done wherever access can be gained.

Respectfully Submitted,

Greg Ven Wuizen, P. Eng.

27 July 1987

ITEMIZED COST STATEMENT

WAGES Lu Bayrock, Ph.D., P.Geol. 3,6 and 7 Oct, 1986 (3 days @ \$400)\$ 1200 Lu Bayrock, Ph.D., P.Geol. 23-29 Oct, 1986 (7 days @ \$400)	
Greg L. Ven Huizen, P.Eng. 23- 29 Oct, 1986 (7 days @ \$200)	\$ 6300
MEALS AND ACCOMODATIONS Lu Bayrock, Ph.D., P.Geol. 3 Oct 1986\$ 34.25 Lu Bayrock and Greg L. Ven Huizen 23- 29 Oct 1986	\$ 333.04
EQUIPMENT RENTAL AND TRAVEL EXPENSES Car rental, 3 Oct 1986, Lu Bayrock,\$ 150 Gas, 3 Oct 1986, Lu Bayrock 59 Truck rental, 28 Oct 1986, Lewis Vacek 58.61 Mileage charge, 23- 29 Oct., G. Ven Huizen 1942 km @.20 388.40 Gas, 23- 29 Oct 1986, G. Ven Huizen 109.87 Toll on Coquihalla 8.00	
International TD 20 Series E bulldozer 26 hours @ \$99	\$ 3917.88
ASSAYS AND ANALYSIS Min En Labs 37 sample preparations \$ 111 37 ICP multi-element 222 37 ICP Au 240 4 fire assays for Au 30 TOTAL ASSAYS AND ANALYSIS	\$ 603.00
ASSESMENT REPORT Report by Greg L. Ven Huizen, P.Eng. Time 1.5 days @ \$200\$ 300 Materials	<u>\$ 350.00</u>
GRAND TOTAL	\$11503.92

CERTIFICATE

- I, Greg L. Ven Huizen, P.Eng. of 3889 Hudson Street, Vancouver, British Columbia, V6H 3A9, certify as follows;
- 1) I am a registered member of the Association of Professional Engineers of British Columbia, No. 14584
- 2) I am a graduate of the University of Minnesota, with a Bachelor of Science Degree in Geo-Engineering, (Exploration Option) with Distinction, March 1979.
- 3) I have been practicing my profession in exploration, development and mining since graduation.
- 4) The information in this report is the result of field work carried out by me or under my supervision or the references cited.
- 5) I have no interest in the properties covered in this report entitled, "Trenching Report on the Azza and Azza 2 Mining Claims, 1986", dated 27 July 1986 nor do I own any shares of Amulet Resources Corporation.

Respectation Submitted,

Gred L. Ven Hylizen, P.Eng.

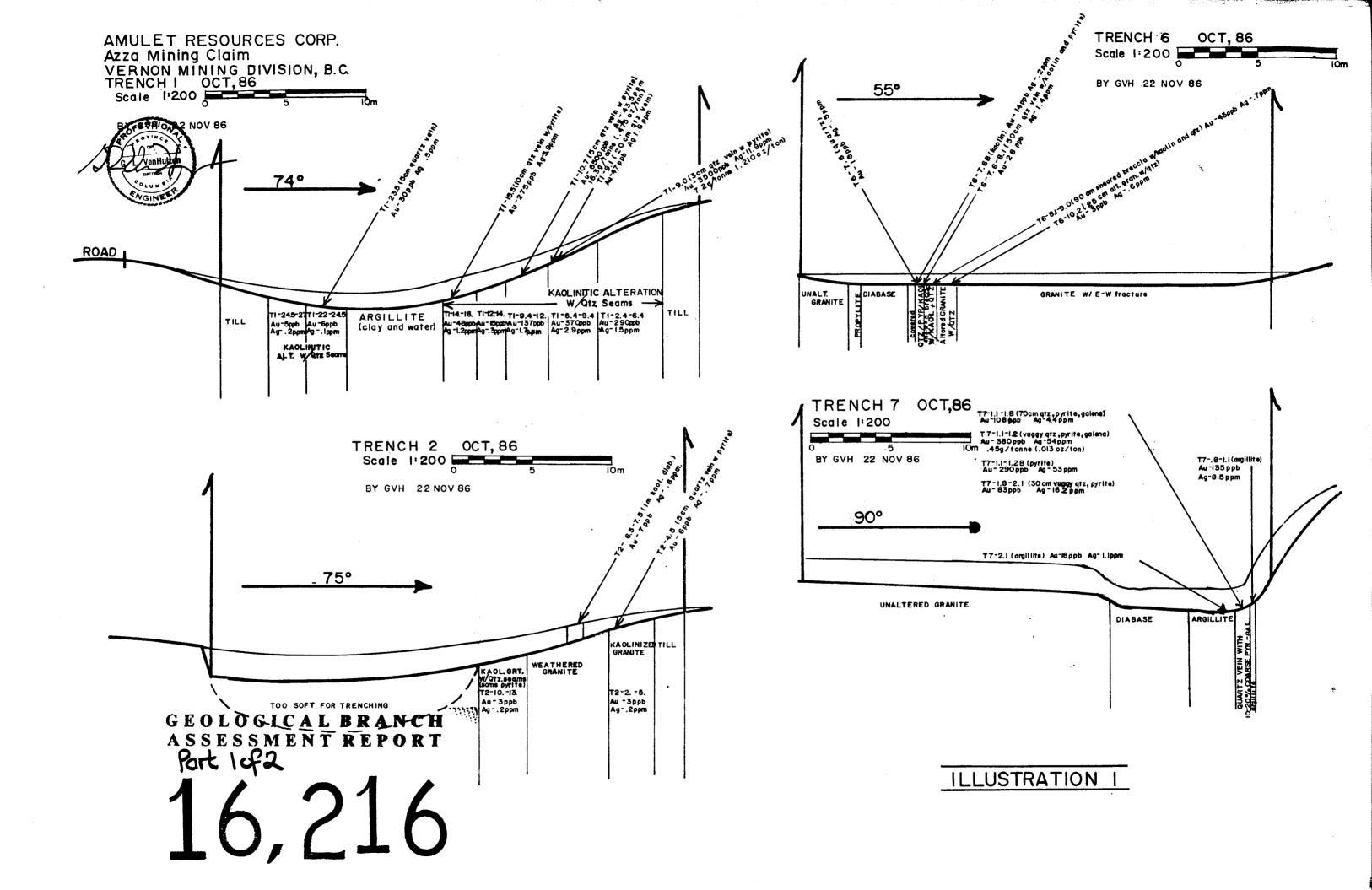
APPENDIX 1

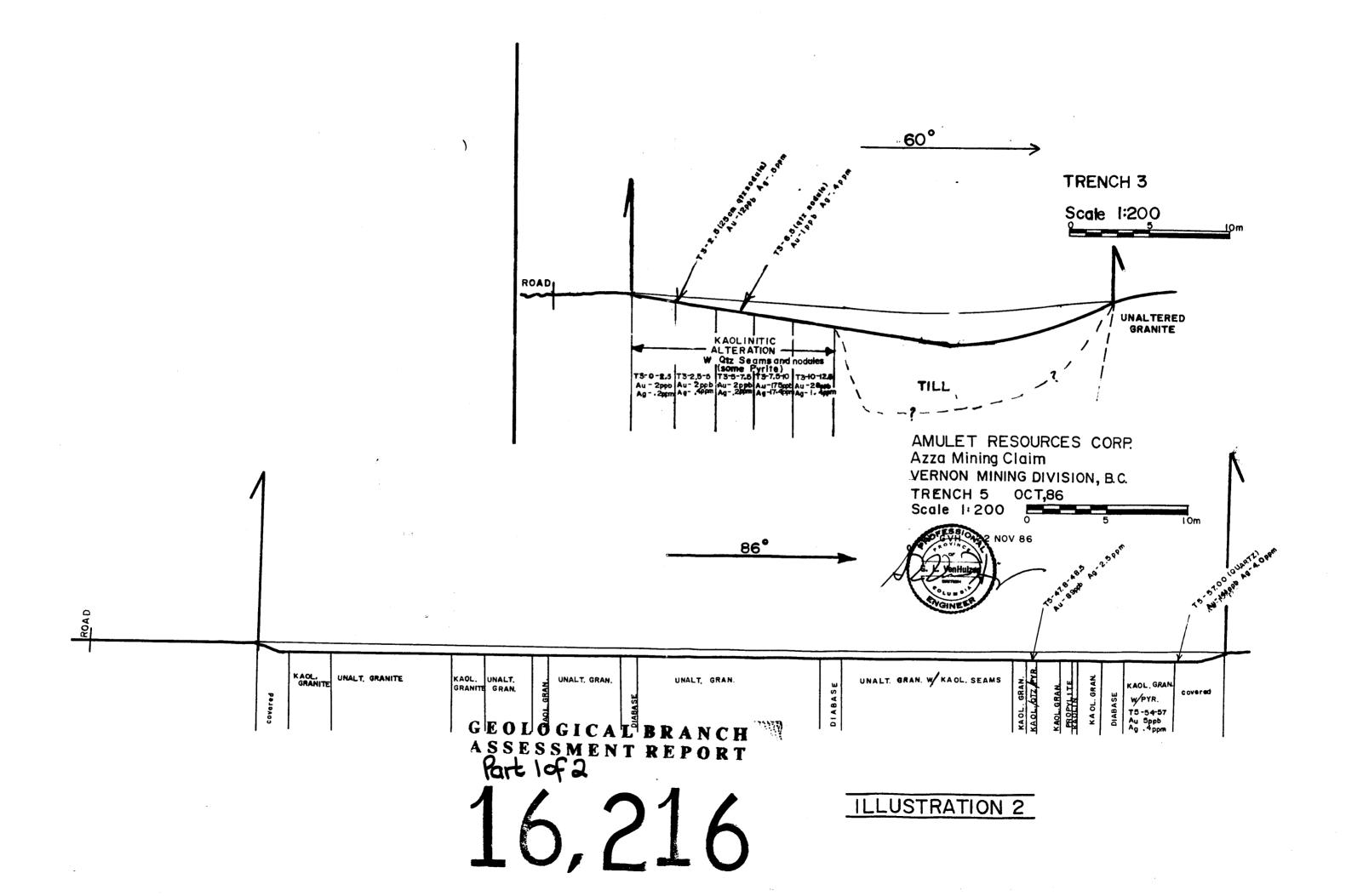
Map 3- Trench Locations

Illustration 1- Profiles of Trench 1, 2, 6 and 7

Illustration 2- Profiles of Trench 3 and 5

AMULET RESOURCES CORPORATION AZZA & AZZA 2 MINING CLAIMS, VERNON MINING DIVISION, B.C. NTS 82E / 15E 49° 57'N 118° 34'W MAP 3: TRENCH LOCATIONS, 1986 SCALE: 1: 10,000 0 50 100 1000m BY GVH JUL87 FROM AERIAL PHOTOS BC 4229,30,31,42 B DEMR MAP DAMFINO CREEK & TAPE-COMPASS SURVEYS ROB I MORNING MINE DICTATOR C.G. TRENCH-7-4 A TRENCH 6 TRENCH 5 YAZZAT * LAKE, TRENCH 3 TRENCH 1 TRENCH 2 AZZA AZZA 2 L.C. P.





APPENDIX 2
ASSAYS AND ANALYSES

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments 705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

"NE: (604)980-5814 OR (604)988-4524

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

He hereby certify the following results for samples submitted.

Company:AMULET RESOURCES
Project:AZZA
Attention:L.BAYROCK

File:6-1140 Date:NOV 5/86 Type:ROCK ASSAY

Sample	AU	AU
NNumber	G/TONNE	OZ/TON
T1-6.4-9.4	. 49	0.014
T1-9.00	7.20	0.210
T1-10.70	16.30	0.475
T7-1.10-1.20	.45	0.013

Certified by

MIN-EN LABORATORIES LTD.

NIN-EN LABS ICP REPORT

(ACT: GEO27) PAGE 1 OF 2

FILE NO: 6-1140R/P1+2 705 WEST 15TH ST., NORTH VANCDUVER. B.C. V7M 1T2 PROJECT NO: AZZA DATE: NOV 5. 1986 ATTENTION: L. BAYROCK * TYPE ROCK GEOCHEM * (604)980-5814 DR (604)988-4524 MN . HI PB SB V (VALUES IN PPN) AS CO CU HO T1-2.40-6.40 1.5 ī 1.8 4B 1.3 T1-6.4-9.4 2.9 1.1 T1-9.00 11.9 33.9 11-9.10 1.6 55_ 2.4 T1-9.40-12.00 1.7 2.0 T1-10.70 43.5 T1-12.00-14.00 .3 14B 3.6 1.2 6.3 T1-14.00-16.00 2.5 R T1-15.50 3.9 .9 T1-22.00-24.00 .1 1.3 ī 71-23.50 .5 .2 2.8 T1-24.50-27.00 6.3 .2 i T2-2,00-5,00 66.5 .7 T2-4.50 21.5 T2-6.50-7.50 .6 12.8 .2 T2-10.00-13.00 22.0 .2 13-0-2.50 26.9 .5 T3-2.50 8.8 T3-2.50-5.00 .4 6.1 T3-5.00-7.50 5.5 T3-6.50 .4 17.4 B 17.9 T3-7.50-10.00 9.8 T3-10.50-12.50 1.4 3.2 2.5 T5-47.80-48.50 11.5 T5-54.00-57.00 .4 2.6 T5-57.00 4.0 2.0 .5 16-7.60 5.2 .2 T6-7.60B 5.7 1.4 76-7.60-8.10 3.5 T6-8.10-9.00 .7 4.9 76-10.20 .6 8.5 8.8 17-0.80-1.10 54.0 4.2 T7-1.10-1.20 4.4 53.0 Ь T7-1.10-1.20B 2.6 17-1.10-1.80 4.4 1.7 T7-1.80-2.10 16.2 T7-2.10 1.1 10B 40.1

							V-K
COMPANY: AMULET RESOURCES			MIN-EN LABS	ICP REPORT		(ACT: GEO	127) PAGE 2 DF 2
PROJECT NO: AZZA		705 WES	ST 15TH ST., NORTH		V7H 1T2	FILE	NO: 6-1140R/P1+2
ATTENTION: L. BAYRO	CK		(604)980-5814 OF	-		E ROCK BEDCHEM *	DATE: NOV 5. 1986
(VALUES IN PPN)		· (4) · (4) · (5) · (6)			******		
T1-2,40-6,40	290						
71-6.4-9.4	370						
T1-9.00	3500						
T1-9.10	47					`	
T1-9.40-12.00	137						
T1-10.70	6500						
T1-12.00-14.00	15						
T1-14.00-16.00	48						.**
T1-15.50	275						
T1-22.00-24.00	6				~~~~		
T1-23.50	20						
T1-24.50-27.00	5						
J2-2.00-5.00	3						
T2-4.50	6					•	
√12-6.50-7.50	7				******	****	
√12-10.00-13.00	3						
13-0-2.50	2						
13-2.50	12						
13-2.50-5.00	2						
13-5.00-7.50	2						
T3-6.50	1						
T3-7.50-10.00	175						
T3-10.50-12.50	28			,			
15-47.80-48.50	89						
15-54.00-57.00	5						
T5-57.00	141						
16-7.60	10						
76-7.60B	14						
T6-7.60-8.10	26						
T6-8.10-9.00	43			~~ = y + ~ = = = = = = = = = = = = = = = = = =			
T6-10.20	3						
T7-0.80-1.10	135						
77-1.10-1.20	380						
77-1.10-1.20B	290						
77-1.10-1.80 77-1.80-2.10	108						~~~~~~~~
17-1.60-2.10	18						
17 - Z 2 1 V	10						