MAP NO. 115-N-2

ASSESSMENT REPORT
N. M. E. A. P. [x]
CONFIDENTIAL [x]
OPEN FILE [ ]

TYPE OF WORK: Geol, Geochem

REPORT FILED UNDER	Great Bear Mining Ltd. DOCUMENT NO. 061479
DATE PERFORMED	1974 DATE FILED: April 17, 1975
LOCATION - LAT.	63°04'N AREA: Stewart River, Yukon
LONG.	140°55'W
CLAIM NO.	DEA 1-12 Y78093-104
VALUE $	
WORK DONE BY	C.K. Ikona, R. Darney
WORK DONE FOR	Great Bear Mng. L.
REMARKS	Geological mapping and soil geochem over narrow quartz veins containing gold, silver, lead, zinc and arsenic. Several locations for further work were pinpointed.

061479

Geological and Geochemical Report

on the

DEA MINERAL CLAIMS

63°04'N 140°55'W

115-N-2

for

GREAT BEAR MINING LTD.

by

Charles K. Ikona, P.Eng.

Robert Darney, Geologist

January 1975

TABLE OF CONTENTS

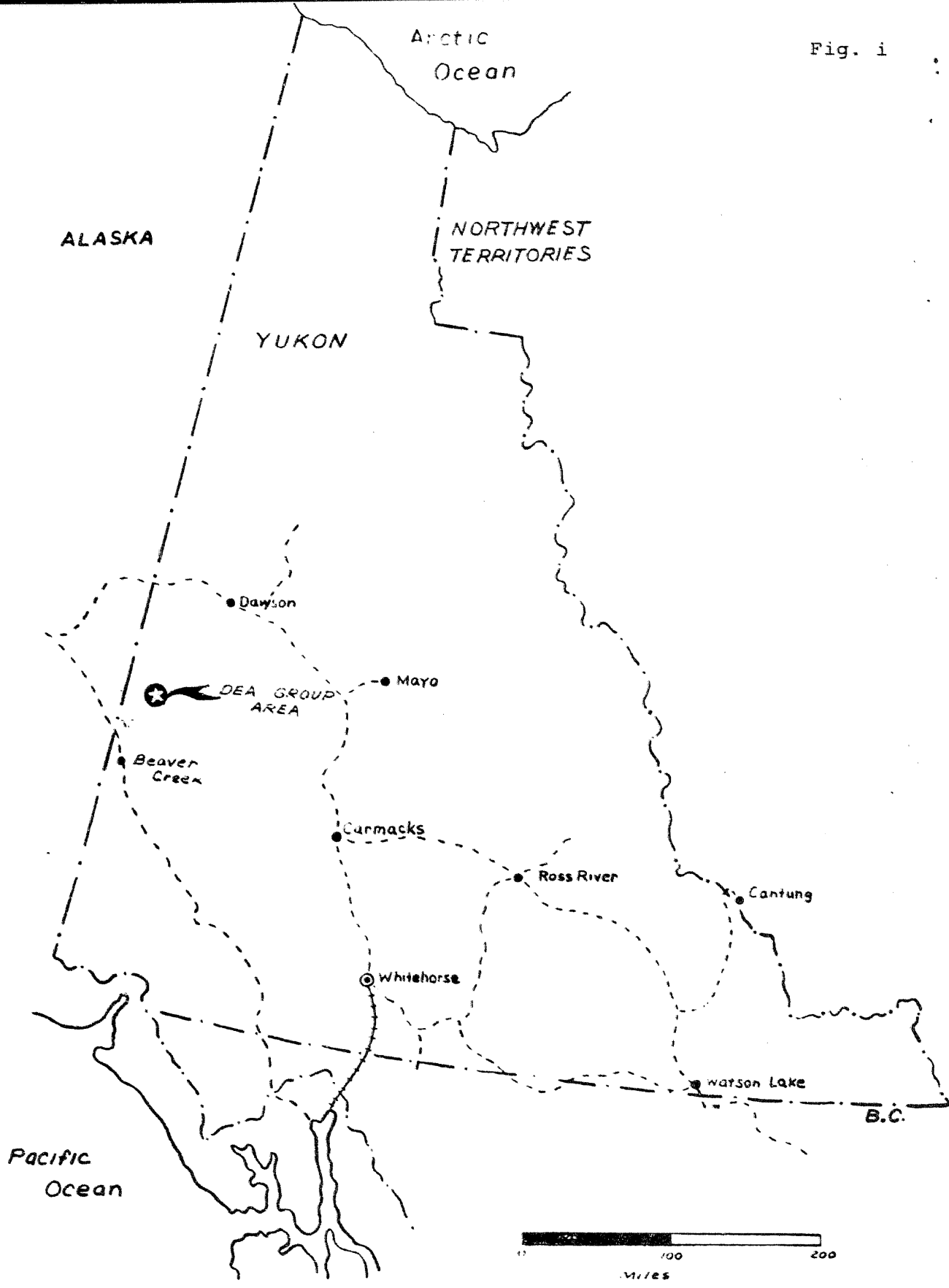
	PAGE
Property Location Map	i
Claim Group Location Map	ii
Introduction	1
Claims	1
Location and Access	2
Topography and Vegetation	2
General Geology	3
Mineralization	
Geochemistry	
- Survey Control	6
- Method of Sampling and Analysis	7
- Discussion of Results	8
Outside Exploration	10
Conclusions	12
Recommendations	13
~~Recommended Budget~~	~~15~~ deleted
Bibliography	17

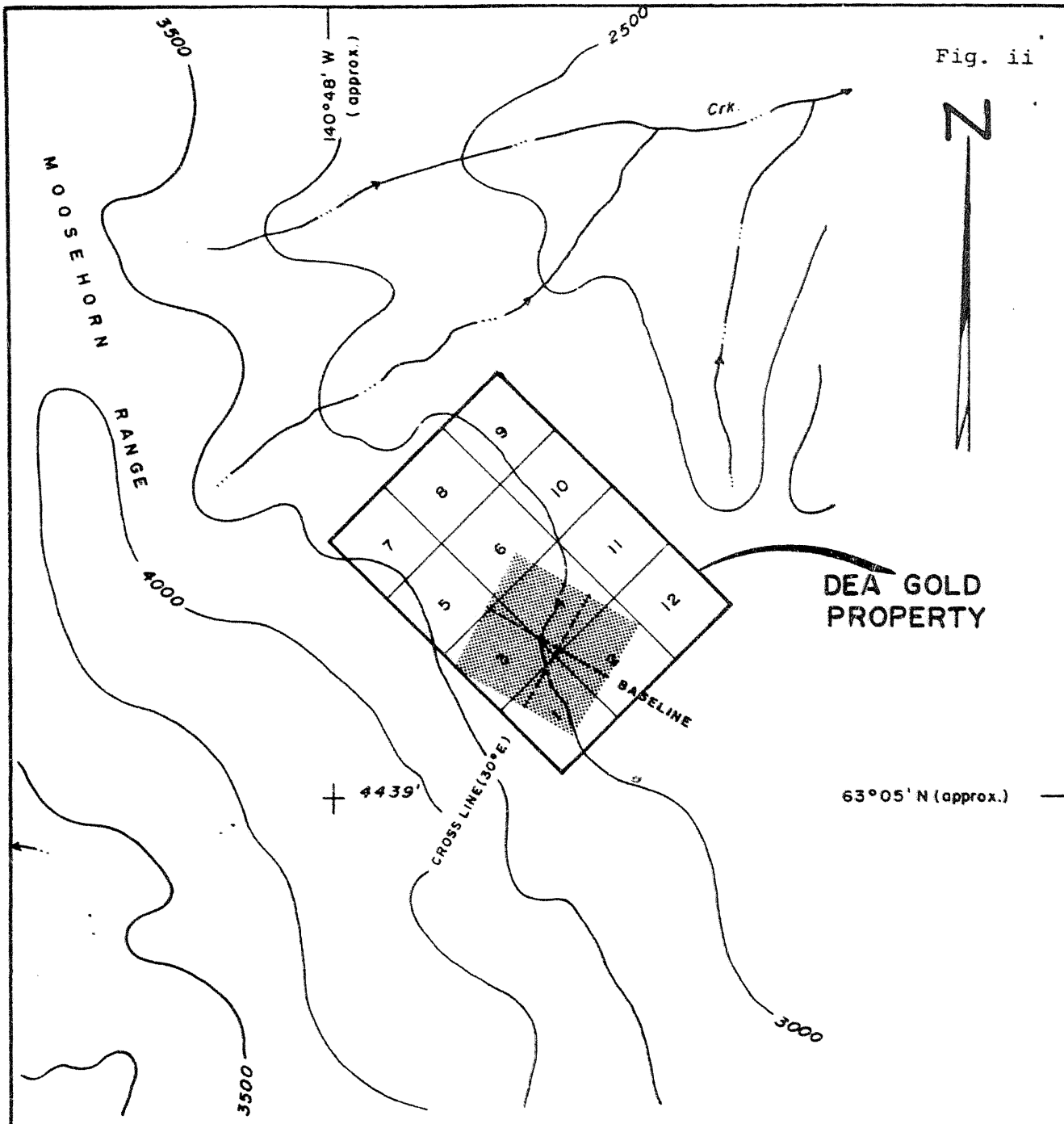
APPENDIX

Statement of Expenditure		I
Personnel Employed		II
Engineer Certificate		III
Statutory Declaration		IV
Geochemical Maps		V
- Values Map	Fig. 1	
- Pb Contour	Fig. 2	
- Zn Contour	Fig. 3	
- Ag Contour	Fig. 4	
- As contour	Fig. 5	
- Combined Contour Map	Fig. 6	
Geochemical Results and Assay Certificates		VI

deleted

Fig. i


Arctic Ocean
ALASKA
NORTHWEST TERRITORIES
YUKON
Dawson
DEA GROUP AREA
Mayo
Beaver Creek
Carmacks
Ross River
Cantung
Whitehorse
Watson Lake
B.C.
Pacific Ocean
0
100
200
Miles



Tag Nos.

DEA CLAIMS 1 – 12 Y 78093 – Y 78104

SURVEY AREA

FIG. 1

GREAT BEAR MINING LTD.

DEA GOLD PROPERTY

STEWART RIVER AREA –
– YUKON TERRITORY

LOCATION MAP

SCALE 1" = 1/2 MILE JAN. 1975

INTRODUCTION

The DEA mineral claims were staked in May 1972 by A. Harman and R. S. Adamson. A limited amount of hand trenching was carried out to explore areas of mineralized float during the latter part of the field season. Results of the trenching program were encouraging and the work was filed for assessment purposes. Surface inspection of the property was carried out by Mr. R. Cathro, P. Eng., and the authors in the summer of 1973. Mr. M. Smith, Geologist, visited the property in September, 1974.

Late in 1974, a geochemical and geophysical program was completed. The results of the geochemical surveys are presented in this report while the geophysical results will appear under separate cover by Mr. P. P. Neilson, Geophysicist.

CLAIMS

The DEA group consists of 12 full-sized contiguous claims owned by Great Bear Mining Ltd. of Vancouver, British Columbia.

Claim Name	Grant Numbers	Expiry Date
DEA 1 - 12	Y78093-Y79104	March 4, 1975

Assessment work will be filed for the present work program which should keep the property in good standing for several years.

LOCATION AND ACCESS

The claims are located at 63°04'N and 140°55'W in the western Yukon Territory, near the Yukon-Alaska border on N.T.S. 115N/2. The property is only accessible by helicopter from Beaver Creek, a distance of 50 miles. Beaver Creek is at mile 1202 on the Alaska Highway, which is 285 road miles from Whitehorse, Yukon Territory.

TOPOGRAPHY AND VEGETATION

The claims lie between 2700 to 4400 feet on the eastern slope of a north-south trending ridge. Topography in the general area consists of gently rolling hills and ridges with shallow to moderate slopes. Elevation range from 1500 feet in the Ladue River valley, approximately six miles northeast of the property, to 5200 feet on the highest ridges.

Since timberline throughout most of the area occurs at approximately 4000 feet, vegetation on the claim group is restricted mainly to dwarf birch, mosses and the occasional stand of scrub spruce.

GENERAL GEOLOGY

The DEA claim lies on the eastern flank of a belt of Triassic-Cretaceous hornblende granodiorites and monzonites which have intruded late Proterozoic rocks of the Pelly gneiss and Klondike Schist series, as well as early Paleozoic biotite granodiorites.

The western portion of the claims are underlain primarily by moderately foliated hornblende granodiorite in contact with a strongly foliated biotite-quartz schist lying to the east.

Due to the unglaciated nature of the region, outcrop near and within the claim boundaries is almost non-existent and mapping is restricted almost entirely to float. The gentle quality of the slopes, combined with the angularity and large size of many float boulders, would suggest that the float is a good expression of bedrock features.

Hand trenching, although hindered by the large size of float which varies from several pounds to greater than a ton, has been successful in locating mineralized structures in bedrock.

MINERALIZATION

Hand trenching in two areas of mineralized float in 1972, revealed narrow quartz veins containing lenses of sulphides consisting of varying amounts of galena, sphalerite, arsenopyrite and pyrite.

Although these trenches were partially caved at the time of examination by the authors, material from the trench and probably the vein structures themselves, could be observed in piles surrounding the trench.

It was reported by Mr. R. Cathro, P.Eng., that the vein in the west trench (L19-3+50W) strikes N30°W and dips 35° southward. Mr. Cathro reports four samples taken by him. A chip sample across the 15 inch thickness assayed 0.27 oz/ton gold, 0.21 oz/ton Ag, 0.02 percent lead, 0.08 percent zinc and 1.75 percent arsenic. A selected sample of typical sulphide-rich float from the pit assayed 4.04 oz/ton gold, 2.92 oz/ton silver, 1.25 percent lead, 0.68 percent zinc and 8.6 percent arsenic.

In the east pit (LO-4+00E) approx. 2000 feet east, the vein was not exposed well enough to determine attitudes or thicknesses. However, to determine the mode of occurrence of the gold and silver, two samples were collected for assay. The first sample, rich in galena

and sphalerite assayed 9.38 oz/ton gold, 11.3 oz/ton silver, 6.60 percent Pb, 7.20 percent Zn and 2.02 percent arsenic.

A second sample, which contained a high percent of arsenopyrite assayed 1.30 oz/ton gold, 6.02 percent Pb, 0.20 percent zinc and 6.58 percent arsenic.

Further sampling undertaken by Mr. M. Smith of Dupont of Canada Explorations Ltd. substantiates the presence of gold-bearing sulphide mineralization on the DEA claims. The following table shows the results of selective grab samples from the east and west pits.

Sample No.	%Pb	%Zn	Oz/Ton Ag	Oz/Ton Au	%As
West Pit					
Dox 0189	1.54	0.79	2.44	4.26	1.13
0190	1.54	0.35	4.15	21.68	2.19
0191	1.78	0.08	4.41	0.88	2.85
East Pit					
Dox 187	0.05	0.01	0.32	2.98	4.05

Four other selected grab samples of mineralized float that were taken by Mr. Smith at various locations within the grid ranged between 1.95 oz/ton Au and 12.96 oz/ton Au. A sample of material assumed to be wallrock

assayed 0.003 oz/ton Au. An assay certificate for these results is presented in Appendix VI.

Although no assays were taken by the authors, occasional minute particles of free visible gold was noted. Free gold was seen in both float and relatively fresh vein material surrounding the pits. It normally occurred as discrete particles within crystalline sphalerite although the occasional "speck" was seen within the white milky quartz vein material.

Quartz float containing varying amounts of galena, sphalerite and arsenopyrite was also located in several locations along a traverse between the east and west trenches. Free gold was also noted in one sample approximately 400 feet east of the west trench.

GEOCHEMISTRY

Survey Control

For controlled sampling procedure, a 100' x 50' grid was established to cover the area between the east and west showings.

The grid consists of a 2500 foot baseline oriented at 60°W with cross lines located 100' apart along the baseline. The crosslines, denoted as LO to

Discussion of Results

The results of the geochemical analysis in parts per million were plotted on Fig. 1 - Geochemistry Soil Sampling Values Map.

Basic statistics employing cummulation frequencies were applied to the values to obtain uniform levels of threshold and anomalous values.

Individual contour maps for the Pb, Zn, Ag and As values were prepared, and presented in Figs. II, III, IV and V, respectively.

For each set of values, 90% cummulative frequency was considered anomalous, and values occurring above 98% cummulative frequency as first order anomolies.

The following list shows the range of values and the 90, 95 and 98% cummulative frequencies of the surveys.

Survey	Value Range	Value @ 90%	Value @ 95%	Value @ 98%
Pb	ND - 160 ppm	17 ppm	20 ppm	26 ppm
Zn	1 - 255 ppm	67 ppm	74 ppm	85 ppm
Ag	ND - 2.3 ppm	.9 ppm	1.0 ppm	1.2 ppm
As	ND - 1000 ppm	110 ppm	160 ppm	250 ppm

The values at approximately 95% cummulative frequency and above have been shaded to aid in visual indication of anomolous areas and trends.

A study of the contoured values reveals that coincident centers of anomolous values occur in many areas within the western, west central, and eastern portions of the grid area. These areas are separated generally by an area of low values approximately 500' wide, trending N25°E across the grid area.

Mineralized trenches at L19 3+50W and LO 4+100E are both indicated by areas of coincident anomolous Pb and As whereas the Ag - Zn surveys only indicate the LO 4+00E mineralization. An increase in Ag - Zn values to the northeast and downslope from the L19 3+50W trench indicates a possible dispersion pattern in that direction.

The largest area of coincident Pb, Zn, Ag, As values occurs as an irregular oval-shaped feature about 700' x 350' in size, centered at approximately L17, 1+00E.

This anomaly is enlongate in roughly a NW - SE direction. A study of the Ag contours suggests that L17, 1+00E is the approximate intersection of

two relatively strong linear features which trend N30W and N70E. The intersection of these two features are probably responsible for the main oval-shaped anomaly.

These two linear anomalous Ag trends are roughly supported by spot high values seen in the Pb, Zn and As surveys.

If the N70W linear is extrapolated to the SW, it passes directly through the area of mineralization at L17-3+50W.

Further observation of the Ag contours shows several less obvious lineal anomalies parallel to the N30W, N70E directions. One such feature passes through the mineralized trench at LO-4+00E. Limited grid size prevents proper interpretation of this area.

OUTSIDE EXPLORATION

Knowledge to date of the regional geology imposes no limitations of possible mineral bearing structures to the existing DEA group. A regional exploration program centered on the DEA group is therefore warranted. Such a program should consist of preliminary geologic mapping

to determine the area of similar geologic setting, followed by prospecting and geochemical reconnaissance of this area.

Any geochemical program should be proceeded by geochemical silting of the area immediately adjacent to the known DEA mineralization to define the type of target a regional silting program would be designed to locate.

CONCLUSIONS

The limited amount of sampling to date has yielded exceptionally encouraging assay results which are well within economic range dependent upon size and continuity of the mineralized structures.

The geochemical survey with analysis for Pb, Zn, Ag and As has proved effective in pinpointing the locations of the known mineralization within the grid area. Although the Pb, Zn and As values are useful, the plot of Ag values appears to be less diffuse and more valuable for attempts at interpretation.

The lineal geochemical anomalies trending approximately N70W and passing through the showings at L17-3+50W and LO-4+00E indicate possible extensions to any mineralization in those directions.

The elongate anomaly trending at N30W centered at L21 4+00E and several others parallel to N30W and N70E possibly reflect gold-sulphide bearing veins similar to those already discovered within the grid area.

RECOMMENDATIONS

Known vein systems carrying favourable gold-silver values combined with an extremely encouraging geochemical pattern makes the DEA group an excellent target for further exploration.

A continuing exploration program should be designed to investigate the reliability of the existing geochemical anomalies. However, prior to any surface work, a thorough study of the geophysical and geochemical data should be undertaken.

The on-site program should begin with the immediate extension of the existing grid to include lines 1 to 10 south and lines 26 to 30 north. All lines should be extended to 15+00E while lines 10+00S to 8+00N should be continued to 15+00W. The above extensions should sampled and analyzed for Pb, Zn, Ag and As.

Further attemps should be made to sample the west central portion of the grid where many sample results are missing.

Although very little outcrop exists, geologic mapping of the grid area should be undertaken with attention focused upon overburden types and through tracing of vein float material.

Due to the depth and size of overburden or felsenmeer,

trenching of geochemically anomalous zones would be valuable in obtaining information on size and grade of the vein systems. A large bulldozer will be required to move the overburden and it may only be walked to the property during the winter months, thus, standby costs will be incurred. A light diamond drill should be used to investigate areas of interest. The intersection of the geochemical linears at L17-1+00N is a probable immediate target.

Respectfully submitted,

ROBERT DARNEY, Geologist

CHARLES K. IKONA, P. Eng.

BIBLIOGRAPHY

Tempelman-Kluit, D.J., 1973, Geology NTS 115 O & N (E½), Geological Survey of Canada open file 161.

Cathro, R. J., 1974, Recommended exploration Dea Claim Group, Yukon.

Smith, Marshall, personal communication.

BONDAR-CLEGG & COMPANY LTD.
1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0881 TELEX: 04-54554

Geochemical Lab Report

Extraction: Pb,Zn, Hot Aqua Regia
As; Perchloric Nitric
As; Colorimetric

Method: Pb,Zn/ Atomic Absorption

Fraction Used: -80 mesh

Report No: 24 - 921

From: Harmon Associates Ltd.

Date: Dec. 13 19 74

SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	As ppm	SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	As ppm
CL 0N - 10W	11	72	0.9	70	CL 1N - 2E	20	54	0.9	15
9W	3	14	0.3	2	3E	13	55	0.9	15
8W	9	29	0.6	20	4E	11	50	0.7	15
7W	7	56	0.7	20	5E	8	50	0.5	15
6W	13	41	1.0	25	6E	7	18	0.8	10
5W	12	63	0.9	25	7E	8	30	0.6	20
4W	12	64	0.8	15	8E	5	16	0.2	15
3W	5	32	0.4	10	9E	8	22	0.6	12
2W	16	71	1.0	15	10E	4	14	0.1	5
1W	11	51	0.7	12	2N - 10W	5	36	0.4	5
BL 0N	13	58	0.6	25	9W	12	61	0.7	70
0N - 1E	12	55	0.7	15	8W	14	58	0.7	70
2E	34	70	0.8	350	7W	13	55	0.6	35
3E	11	40	0.6	25	6W	13	67	0.6	15
4E	105	112	1.3	350	5W	8	58	0.4	10
5E	160	255	2.3	400	4W	5	25	0.5	5
6E	10	12	0.5	20	2W	18	46	0.8	50
7E	27	74	1.0	110	1W	15	66	0.7	110
8E	16	66	0.8	50	BL 2N	18	59	0.6	15
9E	15	60	0.8	15	1E	24	70	0.8	130
10E	8	13	0.4	25	2E	17	58	0.8	30
1N - 10W	13	58	0.6	325	3E	10	51	0.6	15
9W	10	42	0.7	55	4E	4	31	0.3	5
8W	8	24	0.5	15	5E	15	76	1.0	50
7W	11	60	0.6	50	6E	11	68	0.8	25
6W	14	66	0.7	45	7E	3	10	0.1	5
2W	4	10	0.5	15	8E	10	68	0.8	30
1W	14	53	0.6	25	9E	4	9	0.1	ND
BL 1N	12	70	0.6	25	10E	14	50	0.6	15
1N - 1E	2	11	0.3	5	3N - 9W	12	63	0.6	15

BONDAR-CLEGG & COMPANY LTD.

Geochemical Lab Report

Report No 24 - 921

SAMPLE NO	Pb ppm	Zn ppm	Ag ppm	As ppm	SAMPLE NO	Pb ppm	Zn ppm	Ag ppm	As ppm
CL 6N - 5E	5	22	0.2	11	BL 8N	11	66	0.7	23
6E	10	20	0.3	15	8N - 1E	8	40	0.5	11
7E	13	59	0.5	22	2E	13	73	0.5	20
8E	12	44	0.5	20	3E	11	61	0.6	20
9E	14	51	0.5	21	4E	15	62	0.6	25
10E	11	45	0.4	21	5E	7	24	0.3	15
7N - 10W	3	27	0.1	5	6E	12	43	0.5	15
9W	12	36	0.4	12	7E	12	50	0.6	15
8W	10	28	0.5	12	8E	4	21	0.2	5
7W	22	62	0.6	23	9E	10	58	0.6	15
6W	6	19	0.6	5	10E	6	26	0.2	10
5W	12	68	0.6	15	9N - 9W	10	70	0.6	30
4W	5	30	0.6	6	8W	14	60	0.8	20
3W	12	56	0.5	22	6W	12	50	0.4	20
2W	12	64	0.6	25	BL 9N	14	40	0.6	25
1W	6	34	0.2	7	9N - 1E	14	60	0.6	25
BL 7N -	18	75	0.8	55	2E	14	63	0.8	30
7N - 1E	9	35	0.5	21	3E	13	52	0.7	15
2E	11	37	0.6	60	4E	12	52	0.6	12
3E	4	11	0.1	5	5E	16	70	0.6	25
4E	10	38	0.3	25	6E	10	43	0.6	10
5E	2	9	ND	7	7E	14	57	0.6	15
6E	11	54	0.6	11	8E	15	60	0.6	15
7E	10	48	0.5	25	9E	12	67	0.6	20
8E	13	48	0.5	25	10E	5	30	0.3	10
9E	13	56	0.5	22	10N - 10W	12	74	0.7	15
10E	11	54	0.6	20	9W	12	60	0.6	15
8N - 10W	13	56	0.8	20	8W	11	63	0.7	15
9W	10	45	0.5	11	7W	12	57	0.8	15
8W	12	62	0.8	15	3W	15	70	0.7	15
7W	11	58	0.6	15	1W	18	90	0.8	40
6W	13	64	0.7	15	BL 10N -	4	34	0.4	10
5W	10	53	0.6	15	10N - 1E	14	44	0.5	22
2W	12	55	0.6	15	2E	6	24	0.6	12
1W	5	13	0.4	10	3E	14	50	0.6	22

BONDAR-CLEGG & COMPANY LTD.

Geochemical Lab Report

Report No. 24 - 921 Page No. 2

SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	As ppm	SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	As ppm
CL 3N - 8W	6	29	0.4	10	CL 4N - 9E	12	44	0.6	55
7W	12	64	0.7	70	10E	14	48	0.8	70
6W	7	32	0.3	10	5N - 10W	13	66	1.0	70
4W	5	30	0.3	10	9W	12	47	0.7	35
3W	16	80	1.0	140	7W	11	47	0.6	140
2W	12	64	0.6	25	6W	13	60	0.8	110
1W	13	56	1.0	80	5W	15	59	0.6	60
BL 3N	12	38	0.8	20	4W	15	56	0.9	55
3N - 1E	12	57	0.6	25	3W	5	31	0.5	8
2E	12	46	0.5	25	2W	4	14	0.2	10
3E	4	24	0.2	10	1W	12	60	0.6	30
4E	5	46	0.4	25	BL 5N	ND	6	0.1	5
5E	5	13	0.2	5	5N - 1E	15	70	0.8	90
6E	6	28	0.3	5	2E	6	39	0.8	20
7E	4	14	0.2	5	3E	11	59	0.8	25
8E	16	65	1.1	55	4E	6	16	0.1	15
9E	11	26	1.1	45	5E	14	62	0.8	25
10E	13	67	0.8	25	6E	4	10	0.2	7
4N - 10W	20	81	1.4	55	7E	13	62	0.8	23
9W	6	25	0.4	10	8E	10	36	0.5	15
8W	8	25	0.4	20	9E	5	16	0.4	11
7W	16	50	1.0	140	10E	10	54	0.4	15
6W	16	68	0.8	200	6N - 10W	5	20	0.3	6
5W	10	64	0.7	70	9W	9	38	0.6	12
3W	3	22	0.2	15	8W	20	60	0.8	25
2W	4	15	0.3	10	7W	12	43	0.6	14
1W	12	39	0.8	35	6W	6	14	0.6	10
BL 4N	13	56	0.7	60	5W	14	64	0.6	65
4N - 1E	8	38	0.6	25	4W	10	61	0.3	27
2E	16	81	1.1	40	2W	12	48	0.6	12
3E	13	45	0.8	20	1W	8	48	0.4	23
5E	8	35	1.0	25	BL 6N	12	60	0.6	26
6E	13	50	0.9	30	6N - 1E	13	64	0.7	35
7E	4	9	0.2	5	2E	12	66	0.5	20
8E	6	14	0.4	15	3E	4	18	0.2	11

BONDAR-CLEGG & COMPANY LTD.

Geochemical Lab Report

Report No. 24 - 921 Page No. 4

SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	As ppm	SAMPLE NO	Pb ppm	Zn ppm	Ag ppm	As ppm
CL 10N - 4E	11	27	0.6	15	CL 12N - 7E	11	33	1.0	40
5E	8	40	0.6	10	8E	6	48	0.4	10
6E	4	46	0.4	6	9E	14	54	0.8	70
7E	12	56	0.7	20	10E	6	26	0.6	20
8E	12	49	0.7	20	13N - 10W	12	70	0.8	270
9E	14	56	1.0	25	9W	5	28	0.4	10
10E	11	60	0.6	15	8W	3	24	0.1	10
11N - 9W	7	42	0.4	10	6W	19	108	1.1	80
8W	15	80	0.8	20	5W	3	30	0.2	11
5W	4	20	0.2	7	4W	8	42	0.4	12
2W	5	27	0.2	10	3W	4	20	0.2	10
1W	16	70	0.9	25	2W	13	60	0.8	50
BL 11N	10	60	0.6	12	1W	8	50	0.8	25
11N - 1E	13	76	0.9	20	BL 13N	18	67	1.0	70
2E	10	44	0.6	15	13N - 1E	18	59	0.8	50
3E	13	74	0.8	15	2E	3	15	0.5	55
4E	2	16	0.5	7	3E	2	12	ND	12
5E	9	50	0.5	15	4E	15	60	0.6	60
6E	3	37	0.2	6	5E	9	50	0.7	40
7E	10	51	0.7	15	6E	11	68	0.7	35
8E	13	67	0.9	15	7E	12	60	0.7	90
9E	13	51	0.7	12	8E	5	48	0.7	12
10E	6	22	0.7	12	9E	13	57	0.6	12
12N - 10W	4	50	0.4	10	10E	1	14	ND	6
5W	5	24	0.4	12	14N - 10W	14	47	0.6	11
4W	9	60	0.8	20	8W	6	25	0.3	15
2W	7	71	0.7	20	5W	8	41	0.3	12
1W	4	37	0.3	10	3W	15	83	0.8	40
BL 12N	14	64	0.8	35	2W	4	18	0.3	12
12N - 1E	16	66	1.0	40	1W	9	28	0.4	25
2E	12	48	0.6	25	BL 14N	10	46	0.8	25
3E	13	72	0.9	25	14N - 1E	20	62	0.9	55
4E	14	64	1.4	35	2E	10	29	0.4	20
5E	10	30	0.5	15	3E	10	63	0.6	35
6E	13	62	0.9	80	4E	16	62	0.8	45

BONDAR-CLEGG & COMPANY LTD.

Geochemical Lab Report

Report No. 24 - 921

SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	As ppm	SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	As ppm
CL 14N - 5E	12	38	0.5	20	CL 16N - 9E	6	11	0.8	10
6E	6	19	0.5	15	10E	14	47	0.7	25
7E	5	13	0.4	15	17N - 10W	10	63	0.5	45
8E	4	18	0.6	15	9W	11	59	0.8	50
9E	10	27	0.5	10	6W	17	60	0.8	400
10E	13	78	0.9	90	5W	8	50	0.6	140
15N - 10W	3	10	0.1	6	4W	6	40	0.5	50
9W	8	50	0.4	10	3W	5	27	0.5	10
5W	22	78	0.5	100	2W	10	48	0.6	70
3W	11	55	0.6	45	1W	5	15	0.2	10
2W	2	30	0.2	7	BL 17N	19	70	1.0	200
1W	8	18	0.2	25	17N - 1E	16	52	1.1	200
BL 15N	14	62	0.7	80	3E	6	20	0.6	20
15N - 1E	17	66	1.2	160	4E	16	66	0.7	60
2E	6	137	0.7	20	7E	5	53	0.6	15
3E	6	27	0.9	35	8E	14	46	1.2	45
5E	6	8	0.8	320	10E	12	44	0.9	25
6E	7	19	0.5	25	18N - 10W	7	18	0.6	15
7E	2	10	0.3	10	9W	10	30	0.6	70
8E	14	52	0.8	40	8W	6	23	0.4	10
9E	10	66	1.2	70	7W	17	43	0.6	320
16N - 10W	3	14	0.2	12	6W	5	26	0.2	15
9W	11	57	0.6	15	5W	5	41	0.6	55
4W	3	17	0.3	15	4W	15	52	0.7	160
2W	20	64	0.9	210	3W	5	41	0.2	25
1W	14	60	0.8	140	2W	16	42	0.7	180
BL 16N	14	50	0.8	140	1W	32	148	1.2	500
16N - 1E	12	35	0.9	50	BL 18N	32	82	1.1	500
2E	17	79	0.9	110	18N - 1E	19	62	0.9	130
3E	16	60	0.9	45	2E	18	60	0.8	80
4E	4	19	0.2	7	3E	9	35	0.6	30
5E	4	16	0.7	20	4E	8	25	0.5	20
6E	6	32	1.0	15	5E	5	28	0.4	20
7E	14	56	0.6	50	7E	3	17	0.1	10
8E	10	20	1.4	150	8E	3	10	0.1	10

BONDAR-CLEGG & COMPANY LTD.

Geochemical Lab Report

Report No. 24 - 921

SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	As ppm	SAMPLE NO	Pb ppm	Zn ppm	Ag ppm	As ppm
CL 18N - 9E	10	47	0.4	15	CL 21N - 10W	2	14	0.1	10
10E	4	20	0.2	15	9W	4	20	0.3	10
19N - 10W	11	50	0.4	70	7W	4	13	0.1	10
9W	14	63	0.6	40	6W	18	66	0.8	140
8W	8	33	1.0	70	5W	5	18	0.2	15
7W	4	18	0.2	2	3W	3	12	0.2	10
6W	3	16	0.2	25	2W	7	30	0.5	15
5W	5	17	0.6	45	1W	6	42	0.4	40
3W	27	51	0.8	300	BL 21N	4	26	0.7	10
2W	10	50	0.7	200	21N - 1E	6	34	0.4	30
1W	10	36	0.6	90	2E	16	62	0.7	120
BL 19N	6	24	0.2	10	3E	23	79	1.2	200
19N - 2E	7	9	0.8	15	4E	20	65	1.1	80
3E	10	60	0.6	30	5E	15	52	0.8	30
4E	4	16	1.0	15	6E	16	56	0.8	80
5E	4	8	0.4	5	8E	6	10	0.7	15
6E	5	21	0.6	40	9E	13	53	0.9	15
7E	10	49	0.8	25	10E	2	15	0.3	5
8E	10	8	1.0	60	22N - 10W	2	12	0.1	5
10E	7	18	1.0	25	9W	6	36	0.4	10
20N - 10W	12	59	0.8	200	8W	5	28	0.4	20
7W	26	92	1.3	360	7W	16	44	0.6	50
6W	12	66	0.6	60	5W	8	20	0.7	20
5W	5	29	0.2	20	2W	10	40	0.6	30
3W	12	54	0.8	180	1W	13	50	0.5	40
2W	9	47	0.6	50	BL 22N	10	43	0.3	30
1W	15	50	0.7	240	22N - 1E	18	70	0.5	150
BL 20N	2	42	0.2	100	2E	7	15	0.2	40
20N - 1E	12	63	0.8	15	3E	1	28	0.2	20
2E	13	62	0.8	50	4E	9	20	0.7	160
3E	5	24	0.7	5	5E	12	51	0.8	90
4E	13	52	1.4	200	6E	14	58	0.7	60
6E	8	16	0.8	100	7E	10	16	0.6	45
7E	5	15	0.8	30	8E	3	5	0.2	5
9E	3	9	0.4	10	9E	1	8	0.2	5

BONDAR-CLEGG & COMPANY LTD.

Geochemical Lab Report

Report No. 24 - 921 Page No. 7

SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	As ppm	SAMPLE NO.	Pb ppm	Zn ppm	Ag ppm	As ppm
CL 22N - 10E	7	20	0.7	35	CL 25N - 8W	10	38	0.4	35
23N - 10W	14	40	0.6	100	7W	11	62	0.3	40
9W	18	57	0.6	400	6W	14	44	0.6	190
8W	4	50	0.5	20	4W	145	165	1.2	G1000
6W	24	70	1.0	400	3W	22	54	0.7	60
5W	16		1.0	140	2W	22	49	0.3	80
3W	26	64	1.7	900	1W	50	78	1.0	400
2W	15	50	1.1	180	BL 25N	4	24	0.1	10
1W	9	18	0.5	45	25N - 1E	21	54	0.7	90
BL 23N	15	48	1.0	70	2E	17	58	0.6	70
23N - 1E	5	18	0.3	15	3E	17	62	0.5	45
2E	11	52	0.6	80	4E	5	21	0.2	2
4E	8	26	0.6	50	5E	16	64	0.7	45
5E	20	54	1.8	150	6E	14	60	0.7	20
6E	5	15	0.5	30	8E	2	4	0.1	ND
9E	12	45	0.8	80	9E	7	28	0.3	2
10E	4	8	0.2	10					
24N - 10W	6	24	0.4	25					
9W	6	15	0.2	15					
8W	19	30	0.3	15					
7W	4	44	0.3	25	ND denotes 'not detected'				
6W	12	36	0.5	60					
5W	10	32	0.3	25					
4W	13	55	0.6	45					
BL 24N	10	66	0.6	60					
24N - 1E	15	50	0.5	60					
2E	14	30	0.3	30					
3E	8	24	0.4	40					
4E	2	22	0.2	10					
5E	25	61	0.8	60					
7E	9	16	0.8	45					
8E	8	10	0.6	80					
9E	16	50	0.6	60					
25N - 10W	10	30	0.5	70					
9W	3	12	0.2	10					