



52F16SW0026 2.12854 LAVAL

010

THE RESULTS OF BEDROCK SAMPLING

BEARTRACK LAKE PROPERTY

CLAIMS 977925 and 977926, LAVAL TWP.

**2.12854**

R. J. Fairservice

October 30, 1989

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2. Accurassy Laboratories Ltd. Invoice # 69150 and receipt for full payment of \$658.00

## 1. INTRODUCTION

### I.I. Scope of Work

This report serves to summarize the results of a bedrock sampling program over a section of the Beartrack Lake property in Laval Township. This work involved the cutting of a base line 780 meters long with pickets at 50 meter intervals. Bedrock stripping and trenching were carried out where applicable to enable the collection of 40 samples of rock. These samples were then delivered to Accurassay Laboratories Ltd. in Red Lake, Ontario where analysis was done for gold, silver, copper and zinc on each sample. This work was completed during the period October 10 to October 15, 1989 by the claim holder Robert J. Fairservice.

### 1.2 Location and Access

The property is located approximately 15 miles northeast of Dryden, Ontario in NTS area 52F/16SW .(See Figure I) The property is located on the south side of Beartrack Lake . A forest access road extending north from the Trans Canada Highway reaches a point within 2000 feet of Beartrack Lake.

### 1.3 Property Definition

The property is comprised of 2 unpatented mining claims numbered K-977926 and K-977926. The total area is approximately 80 acres. The claims are located in Laval Township of the Kenora Mining Division and are recorded on the Laval Township Claim map no. M-3370.

### 1.4 Exploration History

1950 - 1951. The area comprising the property was initially staked by A.C. Mosher in 1950 for Calmor Mines Ltd. and subsequently optioned to Graham Bousquet Gold Mines Ltd. later that year. Geological mapping and diamond drilling were then carried out by this company under the direction of geologist M.G. Smerchanski. The best results reported from this drilling were printed in the April 12, 1951 edition of the Northern Miner to be 0.76 oz. per ton gold and 1.6 per cent zinc over 2.4 feet.

1985 - 1988. Four claims were staked south of Beartrack Lake and subsequently optioned to Jalna Resources Ltd. This company carried out an airborne survey.

1989. October 10 to October 15. Linecutting ,stripping, trenching and sampling were done by.R. J.Fairservice.

la

N

FIGURE I

PROPERTY LOCATION MAP  
BEARTRACK LAKE

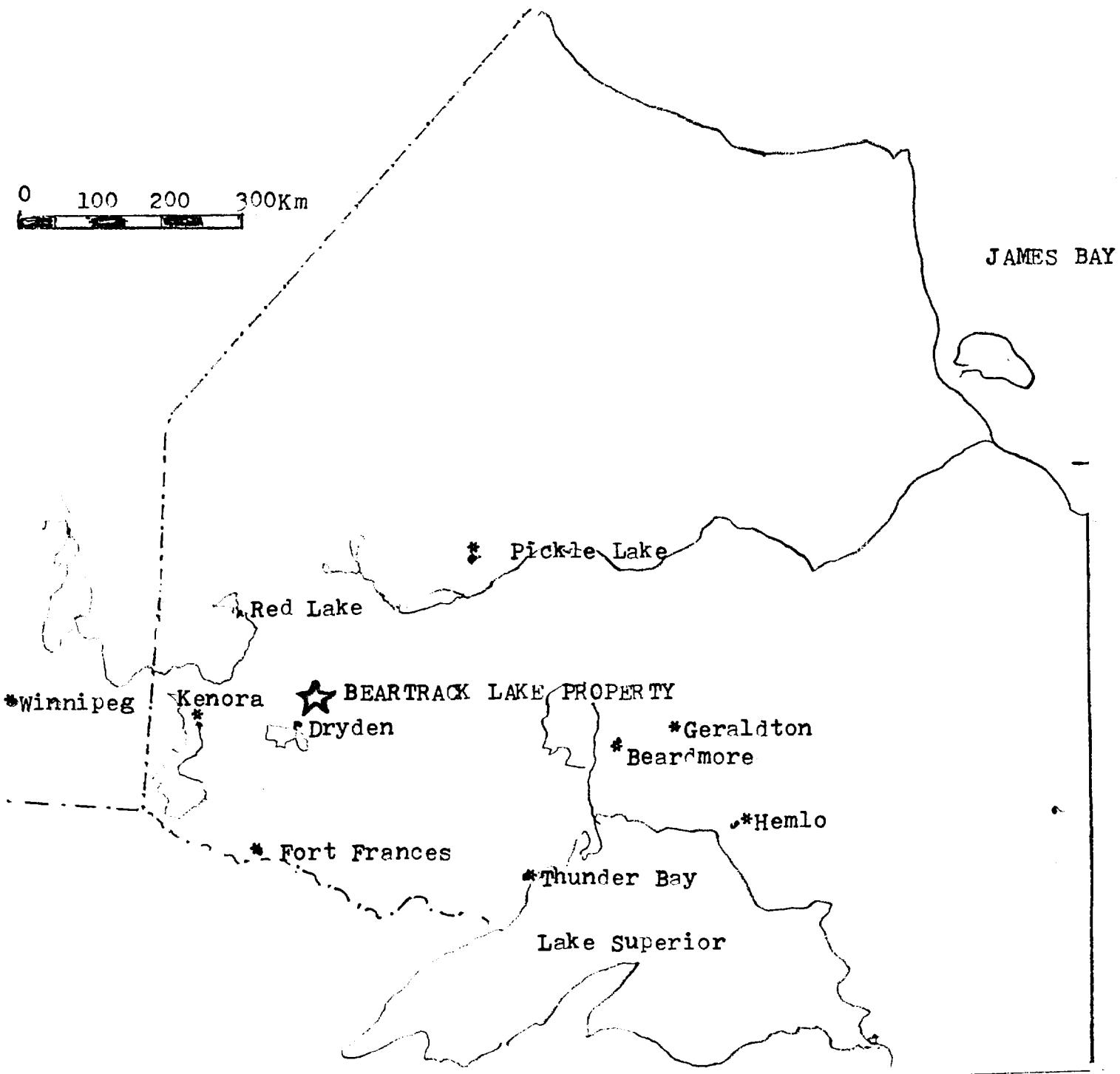
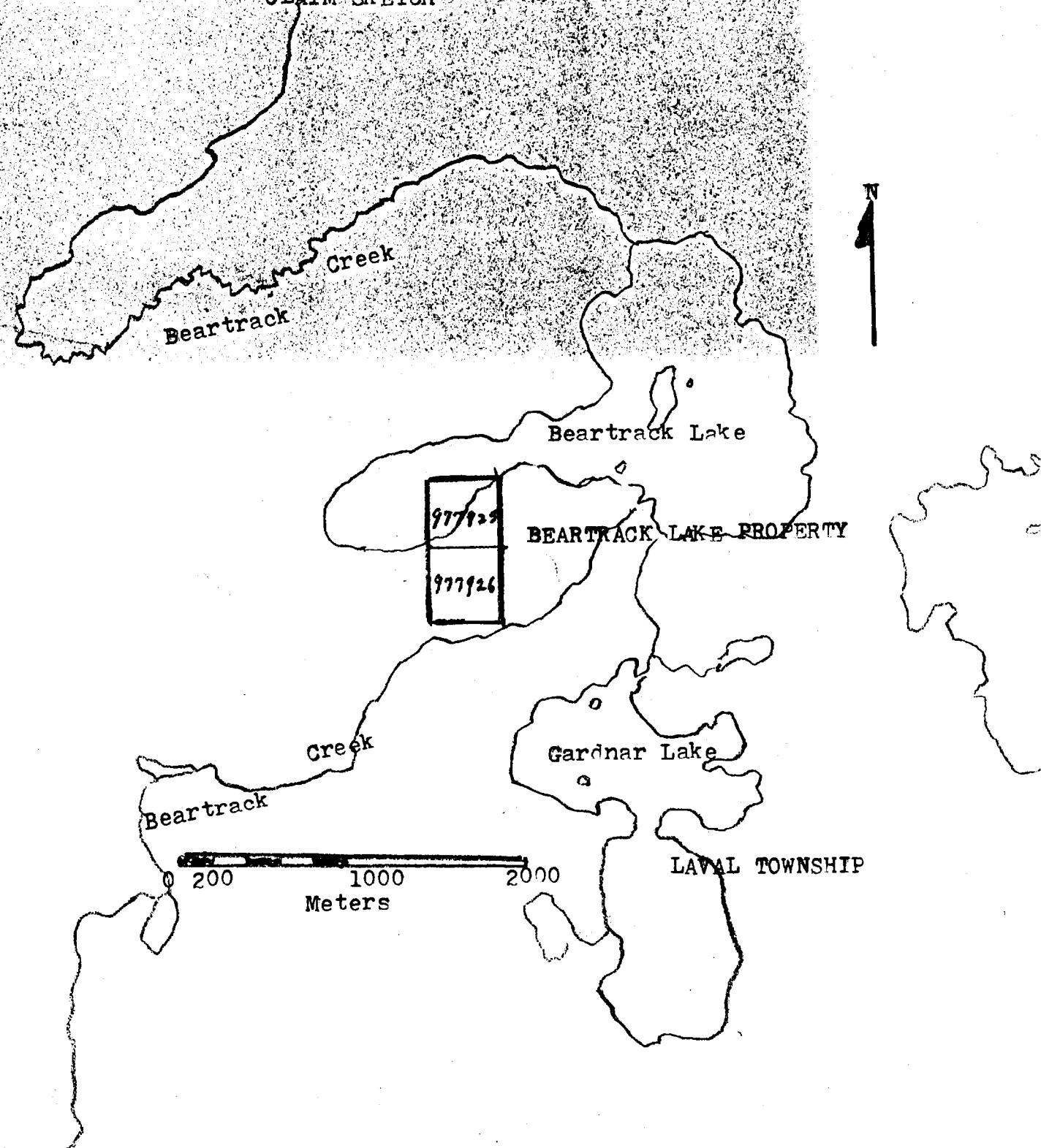


FIGURE 2  
CLAIM SKETCH



### 1.5 Property Geology

The property is underlain largely by mafic and intermediate volcanics. In the centre of the property the volcanics are intruded by a body of gabbro - diorite. The intrusion trends in a north-northeasterly direction in contact with the volcanics and shear zones are found along this contact. Gold mineralization is found in these shear zones in association with pyrite, sphalerite, chalcopyrite and arsenopyrite. (See Figure 3)

## 2.0 WORK PROCEDURES

### 2.1 Linecutting

Beginning from the number one claim post of claim 977925 a base line was cut at 045 degrees for 200 metres parallel to the shoreline of Beartrack Lake. At station 200 South the line was cut at 90 degrees due south to intersect the southern boundary of claim 977926 at 700 metres south. Pickets were set and set up at 50 meter intervals. Station co-ordinates were marked on each picket. At 600 South one cross line was cut to 150 meters West to intersect a mineralized zone.

### 2.2 Bedrock Sampling

At Location "A" on station 600 South and 150 West seven samples were taken from a mineralized zone. Sample number I was a chip sample over 2.5 feet while the remaining six were single grab samples. (See Figures 4 and 5) The remaining 33 samples were also single grab samples taken at measured intervals along the base line. Samples ranged from 1½ to 2 pounds each. Both linecutting and bedrock sampling were done by R. J. Fairservice from October 10 to October 15, 1989.

### 2.3 Assaying

All assaying was done by Accurassay Laboratories Ltd at their Laboratory in Red Lake, Ontario on October 18 and 19, 1989. Gold values were reported in parts per billion and silver, copper and zinc values in parts per million. The total assaying charge was \$658.00 which was paid on October 16, 1989. (See List of Appendices numbers 1 to 6 )

2a

FIGURE 3  
GENERAL GEOLOGY



BEARTRACK LAKE

977925

Gabbro-Diorite

977926

Mafic  
Volcanics

Mafic to  
Intermediate  
volcanics

Sulphide  
Zone

Overburden

50 100 150

Meters  
1 in. to 228 ft.

#### 2.4 Tabulation of Results

All assay results from the 40 samples were summarized in a table giving (a) the number of the sample (b) the grid location of each sample (c) the rock type of each sample and (d) the assay value of each sample in gold(ppb), silver (ppm), copper (ppm) and zinc (ppm). (See Table I sections 1 to 5 )

Six separate maps were also produced to plot the assay results of the 40 samples. These include (1) a sample location map (See Figure 4), (2) A sketch of area "A" on a scale of 1 in to 3.28 ft with the assays of gold, silver, copper and zinc of samples 1 to 7. (See Figure 5), (3) 4 separate maps for each of the remaining 33 samples on a scale of 1 in. to 328 ft. (Figure 6 - Assay results for gold); (Figure 7- Assay results for silver); (Figure 8- Assay results for copper) and (Figure 9- Assay results for zinc).

#### 3.0 SUMMARY AND RECOMMENDATIONS

The sampling program has shown that the gabbro-diorite intrusive is a favourable host for gold mineralization. At least four areas on the property have elevated gold values and these are designated on the Sample Location Map (Figure 4 ) as "A", "B", "C", and "D" respectively.

The most significant of these areas is area "A" on which sampling yielded assays from 262 ppb to 80392 ppb gold. The sulphide content of these samples ranged from 10 per cent to 60 per cent; however the amount of gold varies more directly with the degree of silicification than with the sulphide content. A good indicator of good gold values in this zone is the appearance of sphalerite in the silicified diorite.

To the immediate south of area "A" is an extensive area of overburden consisting largely of sandy soil and open growth pine. It is recommended that further work in this area include a program of soil sampling and geophysics to outline drill targets.



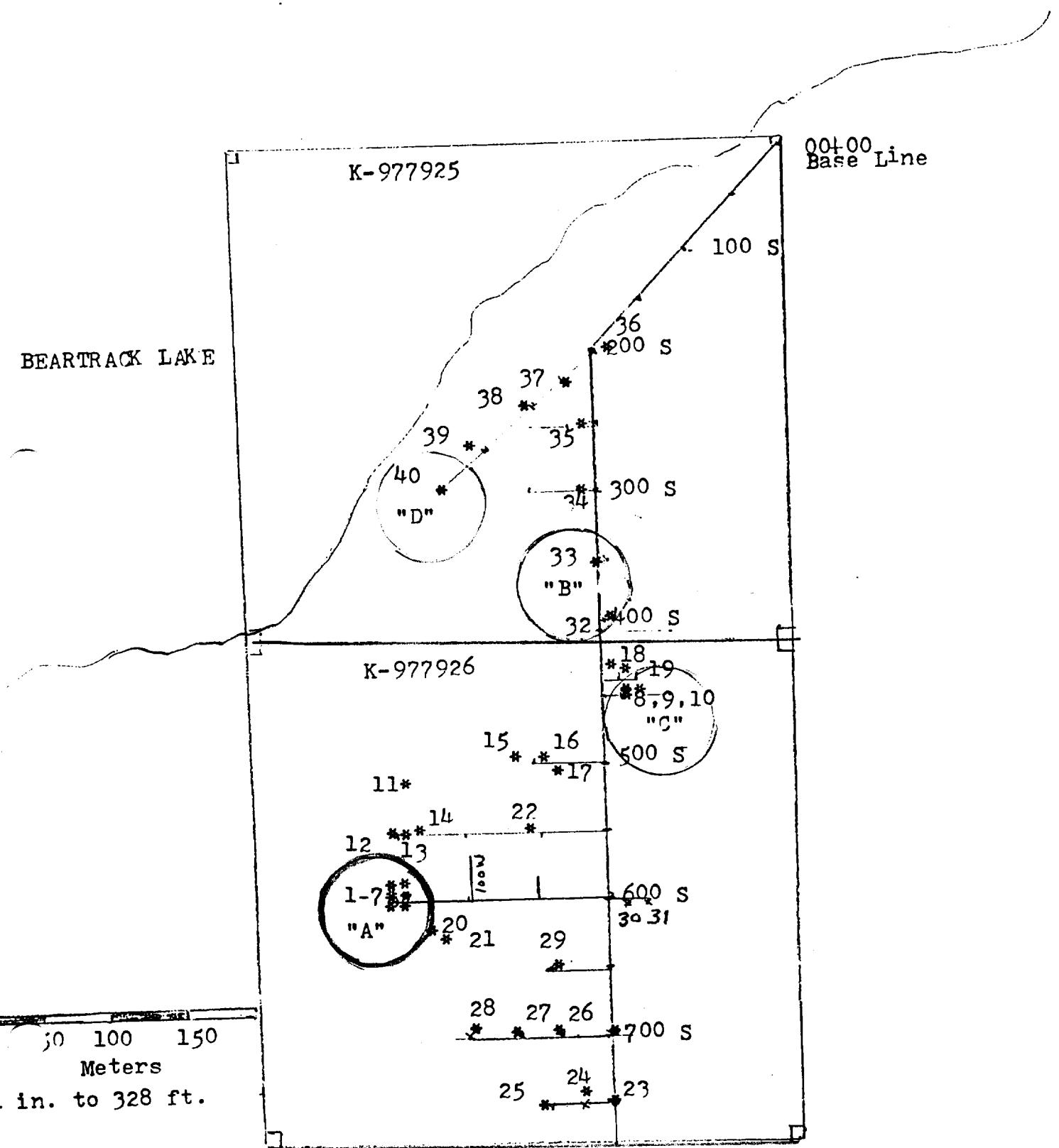
Robert J. Fairservice

Oct. 30, 1989

3a

FIGURE 4  
SAMPLE LOCATION MAP

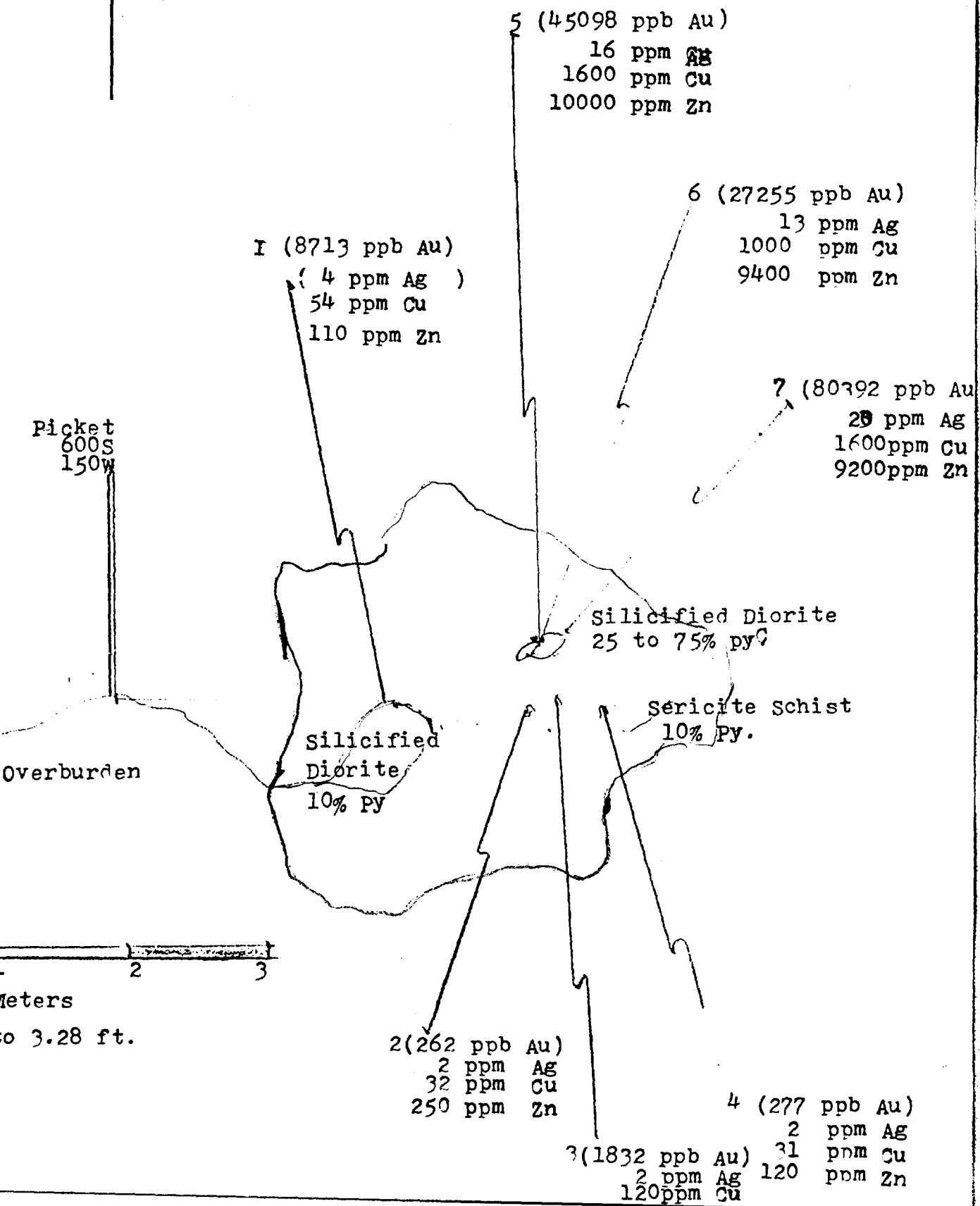
N



3b

FIGURE 5

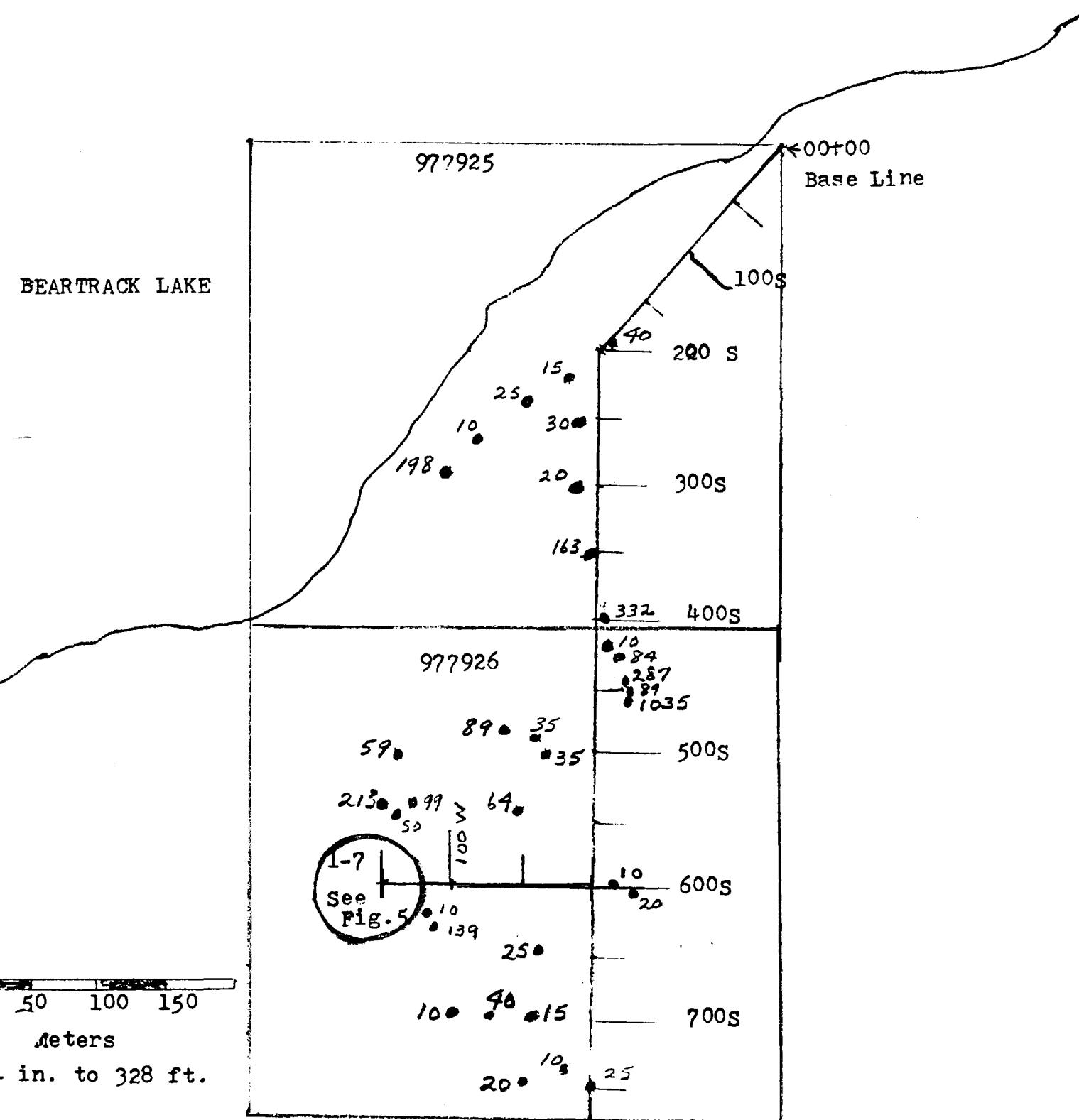
TRENCH "A" ASSAY RESULTS  
GOLD, SILVER, COPPER, ZINC



3c

FIGURE 6  
ASSAY RESULTS  
GOLD (PPB)

N

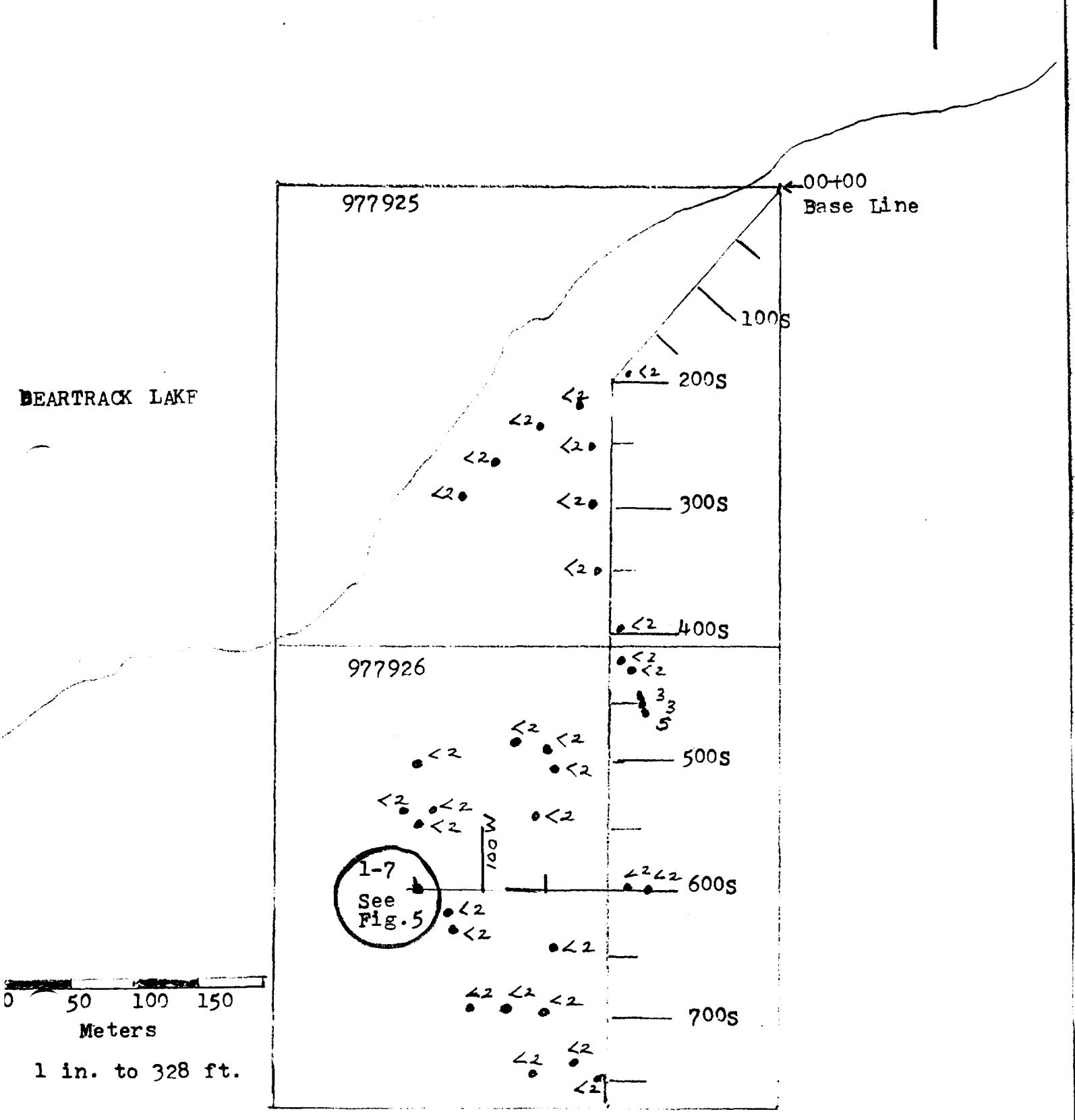


3d

### FIGURE 7

## ASSAY RESULTS

### SILVER (PPM)

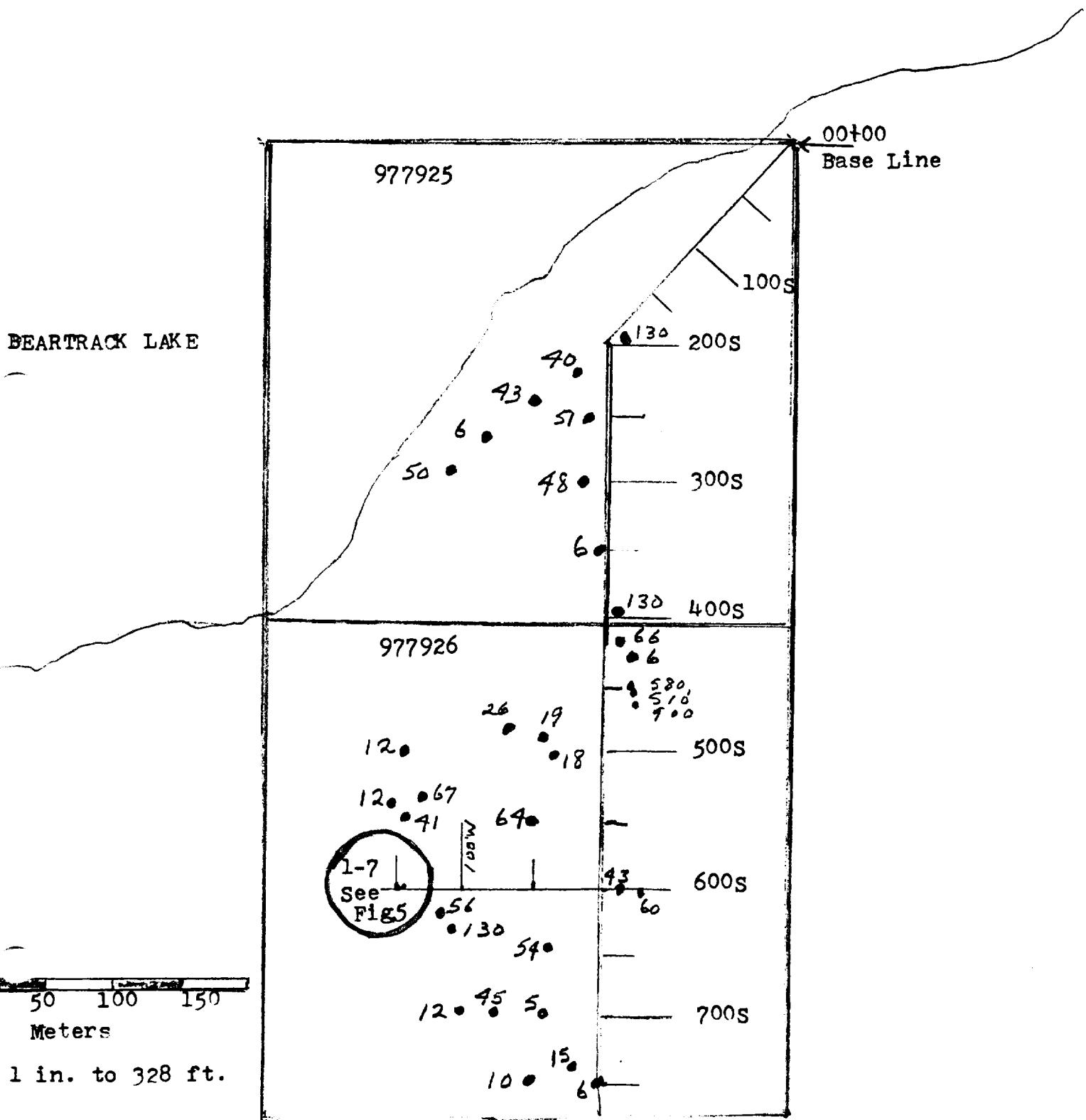


3e

FIGURE 8

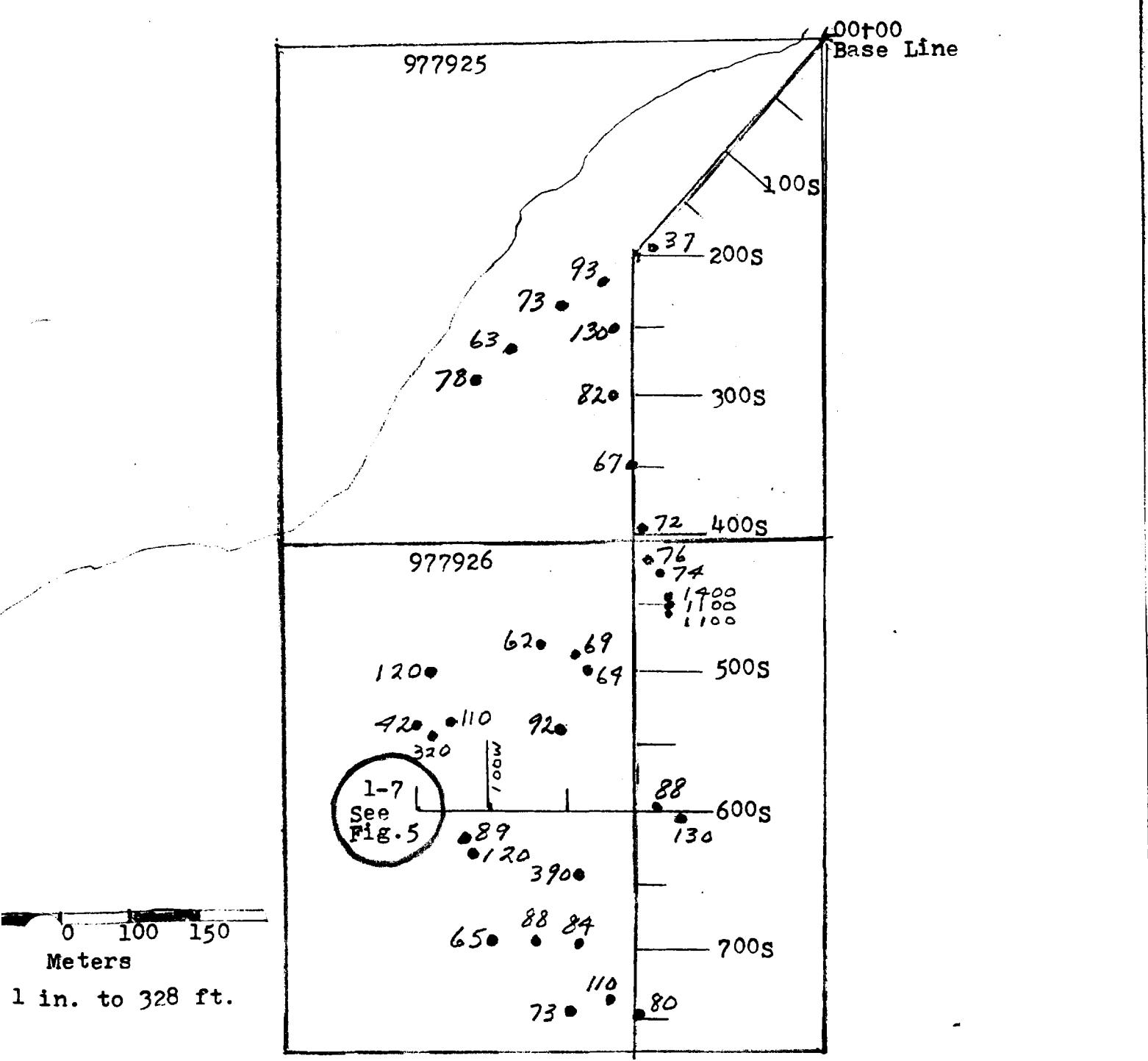
ASSAY RESULTS  
COPPER (PPM)

N



3f

FIGURE 9  
ASSAY RESULTS  
ZINC (PPM)



**BEARTRACK LAKE**  
**TABLE OF ASSAY RESULTS**

1 of 5

SAMPLE NUMBER	GRID LOCATION	HOST ROCK	ASSAY VALUES			
			GOLD Ppb	SILVER ppm	COPPER ppm	ZINC ppm
1	600 South 150 West	Silicified Diorite; 10% Pyrite	8713	4	54	110
2	600 South 150 West	Sericite Schist; 5 % Pyrite	262	2	32	250
3	600 South 150 West	Sericite Schist; 10 % Pyrite	1832	2	120	1200
4	600 South 150 West	Sericite Schist; 10% Pyrite	277	2	31	120
5	600 South 150 West	Silicified Diorite; 35 % Sulphides; Py Sph.Cpy. As.	45098	16	1600	>10000
6	600 South 150 West	Silicified Diorite; 30 % Sulphides	27255	13	1000	9400
7	600 South 150 West	Silicified Diorite; 60 % Sulphides	80392	20	1600	9200
8	450 South 10 East	Sheared Diorite 15 % Pyrite	287	3	580	1400

## BEARTRACK LAKE

5

TABLE OF ASSAY RESULTS 2 of 5

SAMPLE NUMBER	GRID LOCATION	HOST ROCK	ASSAY VALUES		COPPER ppm	ZINC ppm
			GOLD ppb	SILVER ppm		
9	450 South 10 East	Sheared Diorite 10% Pyrite	89	3	510	1100
10	450 South 10 East	Sheared Diorite; 10% Pyrite	1235	5	970	1100
11	525 South 150 West	Sheared Diorite Near Quartz Vein	59	<2	12	120
12	550 South 150 West	Felsite; White f.g.	213	<2	6	42
13	550 South 145 West	Hornblende Gabbro; Sheared	50	<2	41	320
14	550 South 135 West	Sheared Gabbro Tr. Pyrite	99	<2	67	110
15	500 South 55 West	Silicified Vol.	89	<2	26	62
16	500 South 45 West	Tuff; Quartz vein.	35	<2	19	59

BEARTRACK LAKE  
TABLE OF ASSAY RESULTS 3 of 5

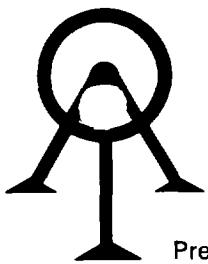
SAMPLE NUMBER	GRID LOCATION	HOST ROCK	ASSAY VALUES			
			GOLD	SILVER	COPPER	ZINC
17	500 South 8 West	Diorite	35	<2	18	64
18	400 South 0 West	Tuff	10	<2	66	76
19	445 South 5 East	Tuff	84	<2	6	74
20	625 South 140 West	Diorite	10	<2	56	89
21	628 South 138 West	Diorite	139	<2	130	120
22	550 South 55 West	Tuff	64	<2	64	92
23	750 South 0 West	Crystal tuff f.g.	25	<2	6	80
24	750 South 17 West	Mafic vol.	10	<2	15	110

BEARTRACK LAKE  
TABLE OF ASSAY RESULTS 4 OF 5

SAMPLE NUMBER	GRID LOCATION	HOST ROCK	ASSAY VALUES			
			GOLD	SILVER	COPPER	ZINC
25	750 South 24 West	Mafic Vol. Tr. Pyrite	20	<2	10	73
26	700 South 40 West	Mafic Vol.	15	<2	5	84
27	700 South 75 West	Mafic Vol. Slightly Alt.	40	<2	45	88
28	700 South 110 West	Mafic Vol.	10	<2	12	65
29	650 South 30 West	Mafic Vol. Tr. Pyrite	25	<2	54	390
30	600 South 7 East	Tuff Tr. Pyrite	10	<2	43	88
31	600 South 24 East	Tuff Tr. Pyrite	20	<2	60	130
32	400 South 5 East	Gabbro Altered Tr. Pyrite	332	<2	130	72

**BEARTRACK LAKE**  
**TABLE OF ASSAY RESULTS 5 of 5**

SAMPLE NUMBER	GRID LOCATION	HOST ROCK	ASSAY VALUES			
			GOLD Ppb	SILVER ppm	COPPER ppm	ZINC ppm
33	350 South Base Line	Gabbro Altered	163	<2	6	67
34	300 South 8 West	Gabbro	20	<2	48	82
35	250 South 6 West	Gabbro	30	<2	51	130
36	200 South 3 East	Gabbro	40	<2	130	37
37	230 South 30 West	Gabbro	15	<2	40	93
38	240 South 40 West	Gabbro	25	<2	43	73
39	250 South 100 West	Gabbro	10	<2	6	63
40	275 South 125 West	Gabbro Altered Tr. Pyrite	198	<2	50	78



# ACCURASSAY LABORATORIES LTD.

P.O. BOX 604  
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J5  
TEL.: (705) 567-6343

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

## Certificate of Analysis

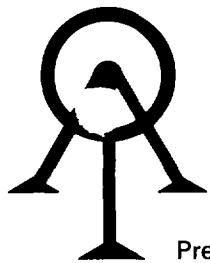
Page: 1

28110 R.J. Fairservice  
Box 627  
Kenora, Ontario  
P9N 3X6

Date: October 19 19 89

Work Order #: 181404A  
Project : Laval TWP

SAMPLE NUMBERS Accurassay	CUSTOMER	Gold ppb
272058	11	59
272059	12	213
272060	13	50
272061	14	99
272062	15	89
272063	16	35
272064	17	35
272065	18	10
272066	19	84
272067	20	10
272067	20	15 Check
272068	21	139
272069	22	64
272070	23	25
272071	24	10
272072	25	20
272073	26	15
272074	27	40
272075	28	10
272076	29	25
272076	29	20 Check
272077	30	10
272078	31	20
272079	32	332
272080	33	163
272081	34	20
272082	35	30
272083	36	40
272084	37	15
272085	38	25
272085	38	20 Check



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## Certificate of Analysis

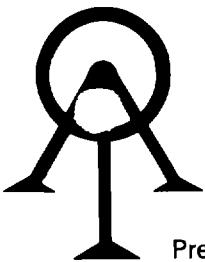
Page: 2

28111 R.J. Fairservice  
Box 627  
Kenora, Ontario  
P9N 3X6

Date: October 19 19 89

Work Order #: 181404A  
Project : Laval TWP

SAMPLE NUMBERS	Customer	Gold
Accurassay		ppb
272086	39	10
272087	40	69
272087	40	198 Check



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## Certificate of Analysis

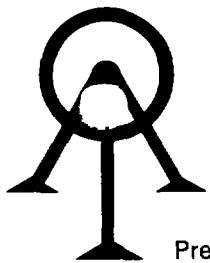
Page: 1

28109 R.J. Fairservice  
Box 627  
Kenora, Ontario  
P9N 3X6

Date: October 19 1989

Work Order #: 181404  
Project : Laval TWP

SAMPLE NUMBERS Accurassay	CUSTOMER	Gold ppb
272048	1	8713
272049	2	262
272050	3	1832
272051	4	277
272052	5	45098
272053	6	27255
272054	7	80392
272055	8	287
272056	9	89
272057	10	1035
272057	10	1040 Check



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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

## Certificate of Analysis

Page: 1

28108 R.J. Fairservice  
Box 627  
Kenora, Ontario  
P9N 3X6

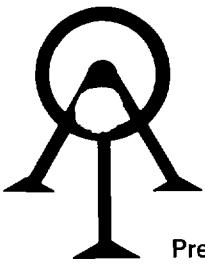
Date: October 18 1989

Work Order #: 181404A  
Project : Laval TWP

SAMPLE NUMBERS Accurassay	CUSTOMER	SILVER PPM	COPPER PPM	ZINC PPM
272058	11	<2	12	120
272059	12	<2	6	42
272060	13	<2	41	320
272061	14	<2	67	110
272062	15	<2	26	62
272063	16	<2	19	69
272064	17	<2	18	64
272065	18	<2	66	76
272066	19	<2	6	74
272067	20	<2	56	89
272068	21	<2	130	120
272069	22	<2	64	92
272070	23	<2	6	80
272071	24	<2	15	110
272072	25	<2	10	73
272073	26	<2	5	84
272074	27	<2	45	88
272075	28	<2	12	65
272076	29	<2	54	390
272077	30	<2	43	88
272078	31	<2	60	130
272079	32	<2	130	72
272080	33	<2	6	67
272081	34	<2	48	82
272082	35	<2	51	130
272083	36	<2	130	37
272084	37	<2	40	93
272085	38	<2	43	73
272086	39	<2	6	63
272087	40	<2	50	78

Per: Sonja Benischek

ORIGINAL



# ACCURASSAY LABORATORIES LTD.

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TEL.: (705) 567-6343

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

## Certificate of Analysis

Page: 1

28107 R.J. Fairservice  
Box 627  
Kenora, Ontario  
P9N 3X6

Date: October 18 1989

Work Order #: 181404  
Project : Laval TWP

SAMPLE NUMBERS Accurassay	CUSTOMER	Silver ppm	Copper ppm	Zinc ppm
272048	1	4	54	110
272049	2	2	32	250
272050	3	2	120	1200
272051	4	2	31	120
272052	5	16	1600	>10000
272053	6	13	1000	9400
272054	7	20	1600	9200
272055	8	3	580	1400
272056	9	3	510	1100
272057	10	5	900	1100



**Ministry of  
Northern Development  
and Mines**

## **Report of Work**

### **Mining Act** (Expenditures, Subsection 77(19))

DOCUMENT NO  
5-11-1-246



52F16SW0026 2.12854 Laval

900

Type of Work Performed <b>Bedrock Sampling</b>	Mining Division <b>Kenora</b>	Township or Area <b>Laval Township m. 3370</b>
Recorded Holder <b>Robert J. Fairservice</b>	Prospector's Licence No. <b>S-3168</b>	
Address <b>Box 627, Kenora, Ont. P9N 3X6</b>	Telephone No. <b>807-468-6461</b>	
Work Performed By <b>Robert J. Fairservice</b>		
Name and Address of Author (of Submission) <b>Robert J. Fairservice, Box 627, Kenora, Ont. P9N 3X6</b>	Date When Work was Performed From: <b>10</b> 89 To: <b>15</b> 10 89 Day   Mo   Yr      Day   Mo   Yr	

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. *See Note No. 1 on reverse side	Mining Claim <b>977925</b>	No. of Days <b>9.9</b>	Mining Claim <b>977926</b>	No. of Days <b>23.9</b>	Mining Claim	No. of Days	Mining Claim	No. of Days
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim

<b>Instructions</b> Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).	Calculation of Expenditure Days Credits  Total Expenditures  <b>\$ 658.00</b>	Total Days Credits  <b>15</b> = <b>43.8</b>	Total Number of Mining Claims Covered by this Report of Work  <b>2</b>
--	---	---	--

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information.

Total Number of Days Performed	Total Number of Days Claimed	Total Number of Days to be Claimed at a Future Date
43.8 Days	40.0 Days	3.8 Days

Certification of Beneficial Interest \*See Note No. 2 on reverse side

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

**Certification Verifying Report of Work**

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

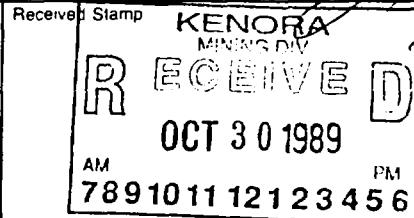
**Name and Address of Person Certifying**

Robert J. Fairservice, Box 627, Kenora, Ont. P9N 3X6

Telephone No. **807-468-6461** Date **Oct. 30, 1989** Certified By (Signature) **J. Fairman**

**For Office Use Only**

Total Days Cr. Recorded	Date Recorded <u>Oct 30/89</u>	Mining Recorder <u>Scott Rivett</u>
40	Date Approved as Recorded <u>30 Jan 90</u>	Provincial Manager, Mining Lands <u>W. P. Lunn</u>



878 (89/06)

**ACCURASSAY LABORATORIES LTD.**

CHARTERED CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS

Box 888, 3 Industrial Dr., Kirkland Lake

Ontario, Canada P2N 3J8

**INVOICE**

# 69150

336)

TEL.: (705) 567-~~8343~~ - FAX: (705) 568-8368

TO .

Mr. R. J. Fairservice  
 Box 627  
 Kenora, Ontario  
 P9N 3X6

DATE October 20, 1989

CUSTOMER ORDER N°

WORK ORDER N° Various

DATE SUBMITTED

TERMS net 30 days, 2.0% per month on overdue accounts.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	Project: Laval Twp		
10	Gold Assays, w.o. 181404, cert. 28109	7.50	75 00
10	Sample Prep.	3.95	39 50
30	Gold Assays, w.o. 181404A, cert. 28110-11	7.50	225 00
30	Sample Prep.	3.95	118 50
	w.o. 181404, cert. 28107		
10	Silver analysis	2.00	20 00
10	Copper analysis	1.50	15 00
10	Zinc analysis	1.50	15 00
	w.o. 181404A, cert. 28108		
30	Silver analysis	2.00	60 00
30	Copper analysis	1.50	45 00
30	Zinc analysis	1.50	45 00
	Amount due before November 19, 1989.....		658 00
	Please note: Accounts more than 45 days past due will lose any price discounts		
	Paid in full by cheque Oct. 16/89		

*Thank You!*

