

MAP NO.: ASSESSMENT REPORT X  
105D 9 PROSPECTUS  
CONFIDENTIAL X  
OPEN FILE

DOCUMENT NO: 093102  
MINING DISTRICT: WHITEHORSE  
TYPE OF WORK: PROSPECTING  
GEOCHEMISTRY

REPORT FILED UNDER: RUSHANT/BERDAHL

DATE PERFORMED: APRIL 13-17, 1993

DATE FILED: JULY 8, 1993

LOCATION: LAT.: 60°34'10"N

AREA: MARSH LAKE

LONG.: 134°22'10"W

VALUE \$: 1,600

CLAIM NAME & NO.: ET 1-8 (YB37632-639)

WORK DONE BY: RUSHANT/BERDAHL

WORK DONE FOR: GOEFF RUSHANT / RON BERDAHL

DATE TO GOOD STANDING:


REMARKS: ELEVEN PITS AND ONE TRENCH COMPLETED  
PITS WERE HAND DUG AND BLASTED



M.R. file no.
R.M.M.R. file no.
Date forwarded <b>8 July 93</b>

### TRANSMITTAL FORM

From Mining Recorder at: <b>Whitehorse</b>		
To Regional Manager, Mineral Rights at Whitehorse, Y.T.		
For action are:		
<input type="checkbox"/> NEW APPLICATION FOR PLACER LEASE TO PROSPECT	Name	
<input type="checkbox"/> RENEWAL APPLICATION PLACER LEASE TO PROSPECT	Name	Lease no.
<input type="checkbox"/> AFFIDAVIT OF EXPENDITURE ON PLACER LEASE	Name	Lease no.
<input type="checkbox"/> SECURITY DEPOSIT		
<input type="checkbox"/> FINANCIAL ABILITY		
<input type="checkbox"/> ASSIGNMENT OF PLACER LEASE NO.	From	To
<input type="checkbox"/> GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.	Owner	
<input type="checkbox"/> DIAMOND DRILL LOGS	Claims	Claim sheet no.
<input checked="" type="checkbox"/> QUARTZ ASSESSMENT REPORT	Claims <b>ET 1-8</b>	Claim sheet no. <b>105-D-9</b>
	Type of report <b>Prosp. Geochem</b>	Submitted by <b>Geoff Kuschant</b>
	Cls. work performed on <b>ET 1</b>	\$ req. for ren. application <b>1600.00</b>
<b>J. Southwick</b> Signature		

REPLY ACTION	Date returned
093102	
Signature	

PROSPECTING AND GEOCHEMICAL REPORT

ET CLAIMS 1 - 8

YB37632 - YB37639

Work Done on ET # 1  
APRIL 13 - APRIL 17, 1993

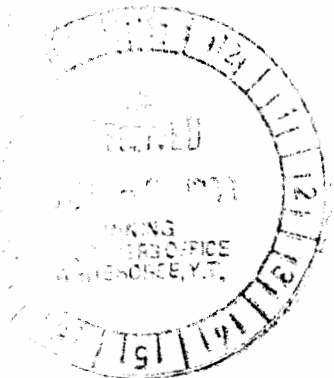
NTS 105 D/9 60 34'10" 134 22'10"

BY PROSPECTOR: GEOFF RUSHANT  
Box 6, Carcross  
Yukon Territory, Y0B 1B0

093102

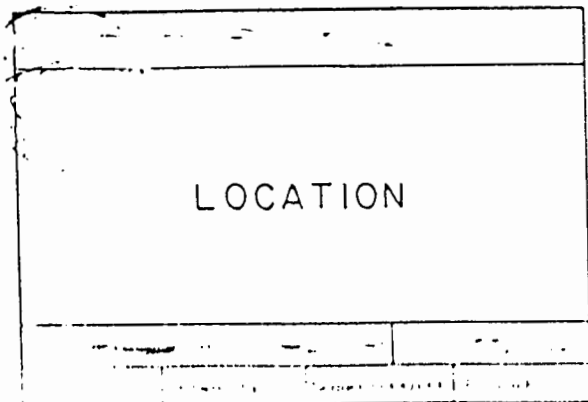
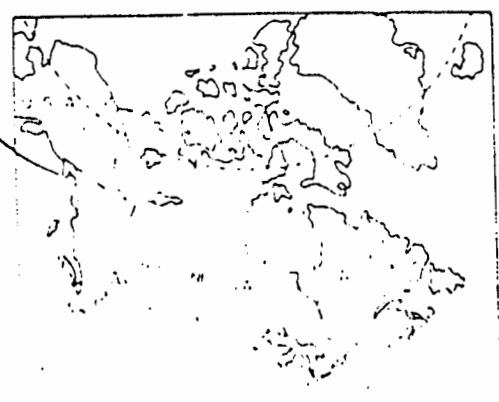
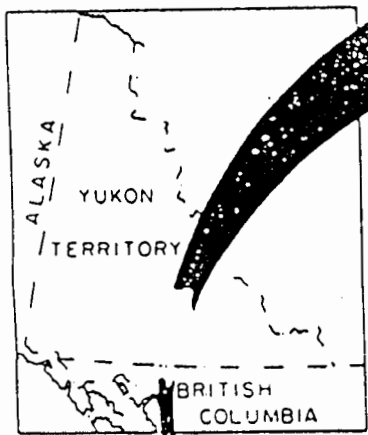
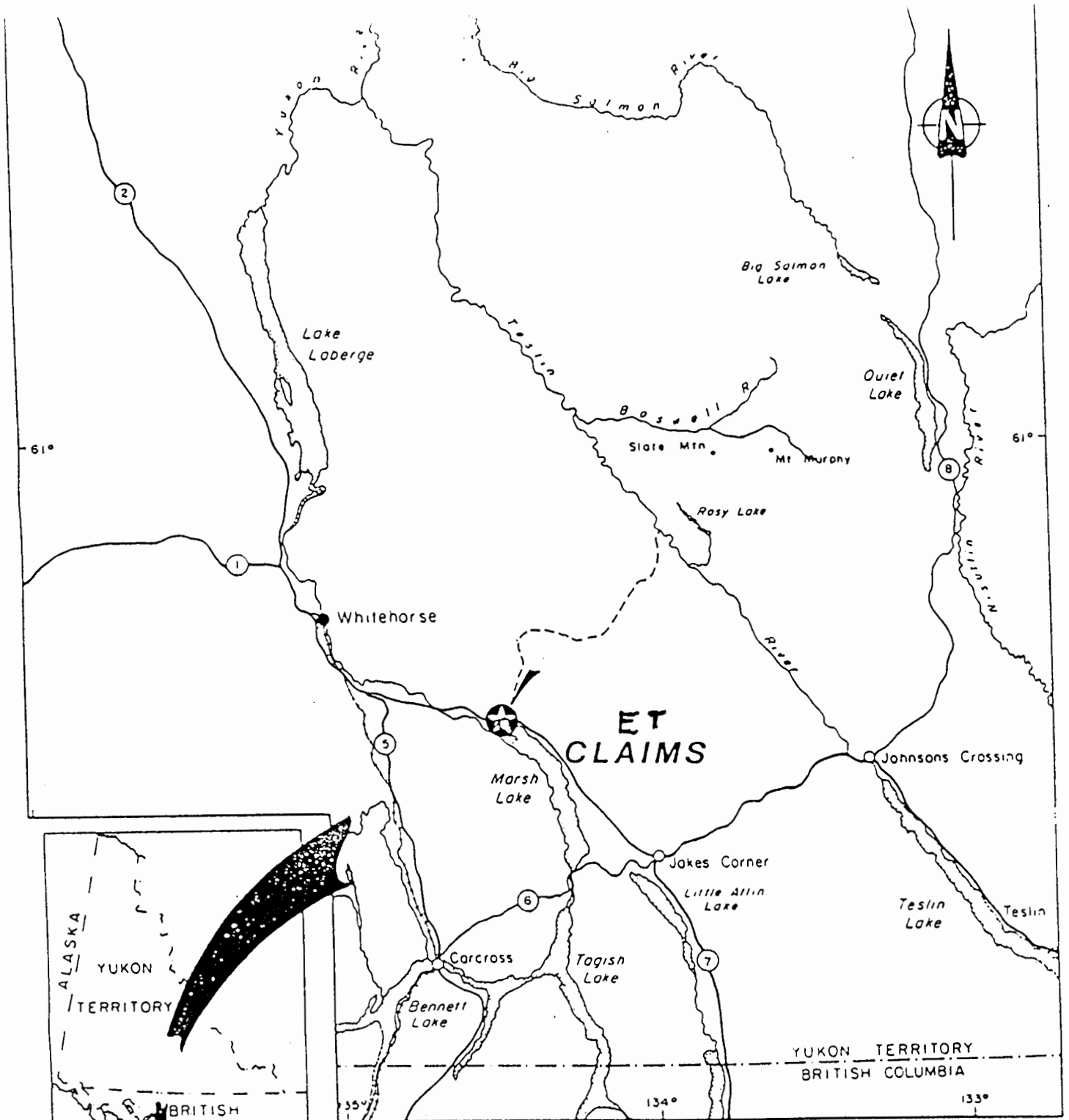
CLAIMS OWNED BY GEOFF RUSHANT AND RON BERDAHL

**DATE DUE**



This report has been examined by  
the Geological Evaluation Unit  
under Section 57 (1) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 1600.

*David W. Little*  
for Regional Manager, Exploration and  
Geological Services for Commissioner,  
of Yukon Territory.



## TABLE OF CONTENTS

SUMMARY	3
INTRODUCTION	3
HISTORY	3
ACCESS/TERRAIN	3
GEOLOGY AND MINERALIZATION	4
SAMPLE DESCRIPTIONS	4
WORK	5
GEOCHEMISTRY RESULTS	5
DISCUSSION	6

### LIST OF FIGURES

- Fig. 1 Location Regional
- Fig. 2 Property Map
- Fig. 3.1 - 3.3 Geology - Regional
- Fig. 4 Sample Location - Rock and Soil
- Fig. 5 Geochemical Values Rock and Soil Au  
and As
- Fig. 6 Geochemical Values Rock Ag and Pb

### APPENDIX

- 1,2,3 Geochem Lab Reports
- 4 Personnel
- 5 Expenses

## SUMMARY

The work outlined in this report is part of a program to evaluate potential for mother-lode type Au deposits in the area. Thus far, a relatively small amount of work has turned up Au in a creek, till samples and with quartz related to a shear zone. (This report.)

Associated with the Au there is Ag, As, Sb. Float believed to be of local origin has been found containing quartz carbonate stringers and mariposite in altered volcanic rock and also graphite quartz vein material. There are numerous structures in the area, as seen on air photos. Exploration is hampered by lack of outcrop, permafrost, swamp and varying depths of glacial till. Prospecting, sampling of basal till or residual soils and possibly geophysics may be of use in further exploration work.

## INTRODUCTION

This report covers work done on ET # 1 of ET claims 1 - 8, situated NE of Marsh Lake.

The purpose of the project was to follow up on Au/As soil anomalies obtained during grassroots prospecting in the area in 1992. See YMIP 92 - 048 - G. Rushant. A gas powered rock drill was hauled to the site using dogs and toboggan, to drill and blast overburden and weathered rock. Eleven pits and a trench were excavated, fifteen soil samples and seven rock samples were collected and analyzed for Au+30 elements.

## HISTORY

Exploration for lode gold has taken place in the area in recent years. Notably, Rosbank approximately ten kilometres West and Bug approximately thirty kilometres South. Cu and Ag, Pb showings have also been documented in the vicinity. Grassroots prospecting turned up some Au, As soil anomalies, minor free gold in a creek and float containing quartz veining in altered volcanic rock. This in conjunction with perceived structures led to the staking of ET 1 - 8.

## ACCESS AND TERRAIN

Terrain is comprised of rounded hills to 3500 feet, aspen and pine covered spruce forest and swampy lower ground. Outcrop less than 5%, the area is generally covered with glacial and alluvial overburden. Many gullies generally following NS and lesser EW trends are filled with permafrost. The property is several miles east of the Alaska Highway, access has been on foot.

## GEOLOGY AND MINERALIZATION

The property is underlain by Unit A (Whitehorse map sheet, J.O. Wheeler, 1961) volcanic rocks of uncertain age. Most outcrop seen is diorite. It lies along a major NW trending structure with Laberge group sediments to the west and Lewes River group volcanics and sediments to the east.

In the work area, ET # 1, trenching uncovered a sheared phyllitic, graphitic, limonitic shale or argillite. The shear trends N 10 - 30 W, dipping 80 SW across at least 10 metres, probably more. Outcrop east and west is diorite. The shear area contains blebs of silicified, carbonitized volcanic rock with quartz stringers running through at all angles. At least three other shear planes are evident. One at N 70 - 80 W dipping SW 40 contains narrow quartz veins to three centimetres in an envelope of oxidized, rusty material. The best gold values (to 1547 ppb) occur in this oxidized material near the juncture of NW trending shears and east trending veining. Silver, to an estimated 200 ppm (see lab report in Appendix) and lesser gold values occur with the east trending quartz veining and also with the rusty graphitic argillite and silicified blebs within it.

## SAMPLE DESCRIPTIONS ET 93 -1

### ROCK

- PR4-01 Graphitic, limonitic argillite, shear material across .5 metres
- PR5-02 Graphitic, limonitic argillite, shear material across .3 metres at 1.5 metres depth
- PR6-03 Limonitic argillite shear material 1.5 metres depth
- PR2-04 Rusty bleb in N 10-20 W shear. Greenish to grey brown altered volcanic; limonitic, sericitic, silicified, carbonitized. Quartz stringers, shear oriented and cross cutting. One to two per cent pyrite with stringers and host rock. Lens .5 metre by .5 metre by .2 metre wide approximately.
- TR3-05 Disintegrated shear material, reddish to black. Rusty quartz carbonate with sericitic selvages to one cm wide. Along strike two metres North of PR2-04.
- Tr3-06 WNW striking seam of seared, limonitic quartz, dip 40 SW. Ten to twenty cm wide. Quartz to 30 mm wide.
- TR3-07 Quartz in shears at head of trench. Same shear plane 2.5 metres NE of TR3-06, same width.



## SOIL

SP4-L Basal till 0 - 6" over bedrock. Light brown at .5 m depth.  
 SP5-L Same horizon with 1.3 m. Light brown to red brown.  
 SP6-L Same.  
 SP7-L Light brown basal till at 1.4 m amongst pebbles to cobbles.  
 SP7-M Light brown soil at mid depth, .75 m. Till.  
 SP8-L Same.  
 SP8-M Same.  
 SP9-L Basal horizon. Till over disintegrated schist. Red brown soil.  
 SP9-Mu Soil mid level, .75 m. Light brown till.  
 SP10-L Basal till. Light brown at 1 m level. No bedrock.  
 SP10-M Mid horizon sample as P7, P8, P9.  
 SP11-L Light brown basal till at 1.3 m.  
 SP12-L Light brown as SP11-L.  
 ST3-05 Red brown soil and rock chips from shear seam with quartz.  
 ST3-06 Shear material. Red brown soil with quartz.

WORK

Work consisted of drilling and blasting eleven pits and one trench, 4 m by 1 m by .7 m. Pits were excavated to an average 1.5 m deep by .5 m wide through frozen overburden in an attempt to reach bedrock. The five eastern most pits did not reach bedrock. The six western pits were blasted into about .5 m of weathered rock. The trench was excavated across the strike of the shear about .5 m into weathered rock. Total material moved was about 12 m<sup>3</sup>.

Samples were taken of bedrock material in pits (sample PR). Quartz and shear material in the trench (samples TR and ST). Soil samples were taken from the pits and trench at mid horizon (samples SP and ST) and lower horizon (samples M and L) to see if any geochemical differences existed between horizons.

GEOCHEMISTRY RESULTS

Fifteen soil and seven rock samples were collected and analyzed for Au by fire assay, AAS finish and thirty elements by ICP. Au analysis was done by NAL of Whitehorse. ICP was done by IPL of Vancouver.

Anomalous Au generally correlates with higher As values. These are obtained from blebs of silicified volcanic rock quartz and oxidized material within and crosscutting the NNW trending shear.

Silver values to approximately 200 ppm in the same material have anomalous Sb, Pb, As, Mo.

Also anomalous in Ag were three samples of rusty graphitic argillite, PR4,5 and 6. Better values to the west.

Soils: thirteen samples of till material were collected from

the pits. Four pits were sampled at lower and mid horizon. No apparent difference in values exists.

Two pit samples returned anomalous Au values not correlated with high As. The best of the two 1320 ppb was of silty, sandy till material probably within .3 m of bedrock, close to the base of slope.

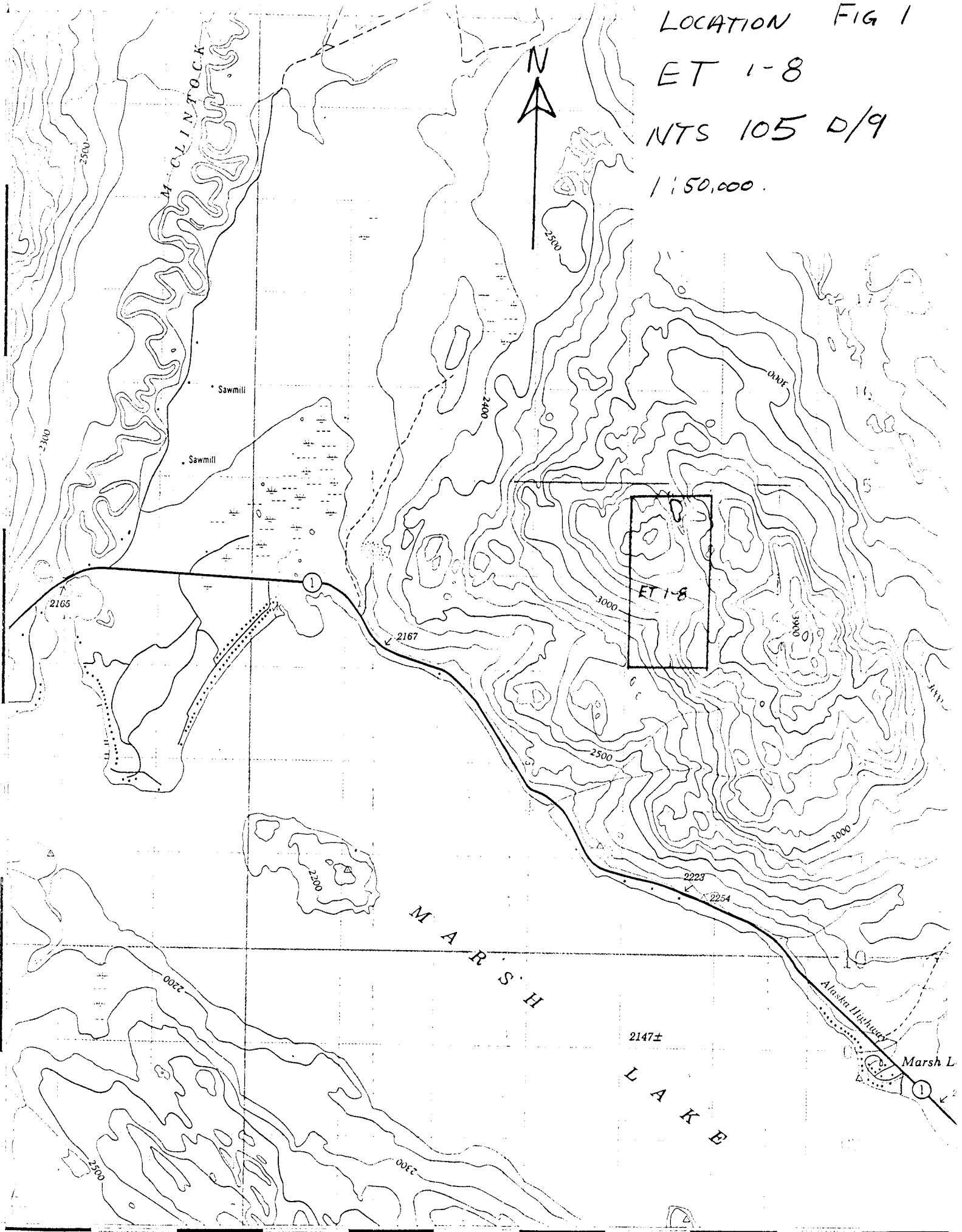
#### DISCUSSION

Au, As and Ag, Au, As, Sb occur in soil and rock associated with NNW trending sheared graphitic argillite, quartz veining and silicified altered volcanics with quartz carbonate stringers. The source of two Au in till anomalies P10 and P12 could be upslope - east, local - shear zone, or up ice - SE source.

Further exploration could consist of more excavation along the shear zone strike and upslope to the east.

Soil samples analyzed by AAS in 1992 returned generally higher As values in till from this area. Further basal till sampling and analysis for As may be useful in locating Au sources.

LOCATION FIG 1  
ET 1-8  
NTS 105 D/9  
1:50,000.

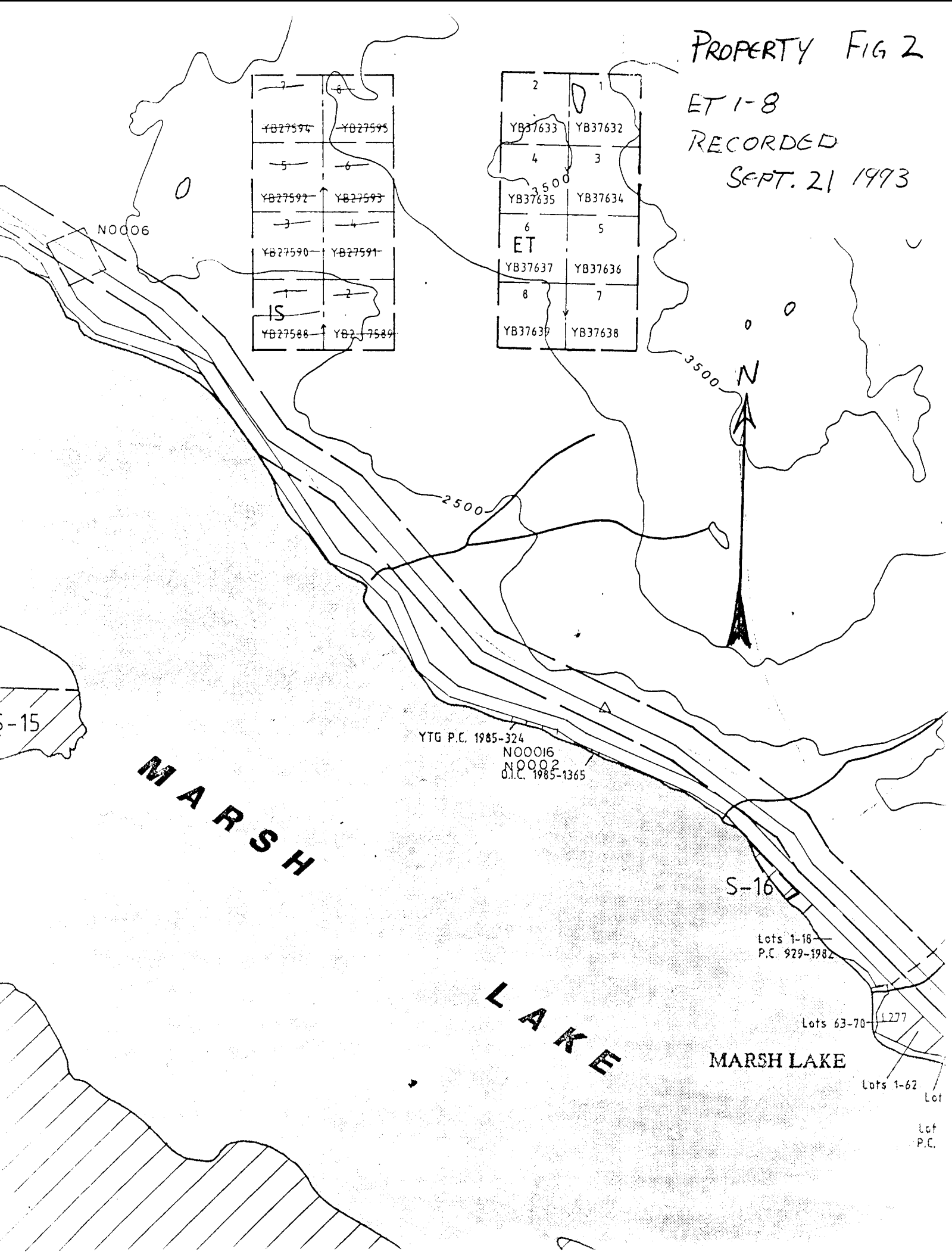


# PROPERTY FIG 2

ET 1-8

RECORDED

SEPT. 21 1993



7	8
YB27594	YB27595
5	6
YB27592	YB27593
3	4
YB27590	YB27591
1	2
IS	
YB27588	YB27589

2	1
YB37633	YB37632
4	3
YB37635	YB37634
6	5
ET	
YB37637	YB37636
8	7
YB37639	YB37638

MARSH

LAKE

MARSH LAKE

S-16

Lots 1-18  
P.C. 929-1982

Lots 63-70

Lot  
P.C.

S-15

N0006

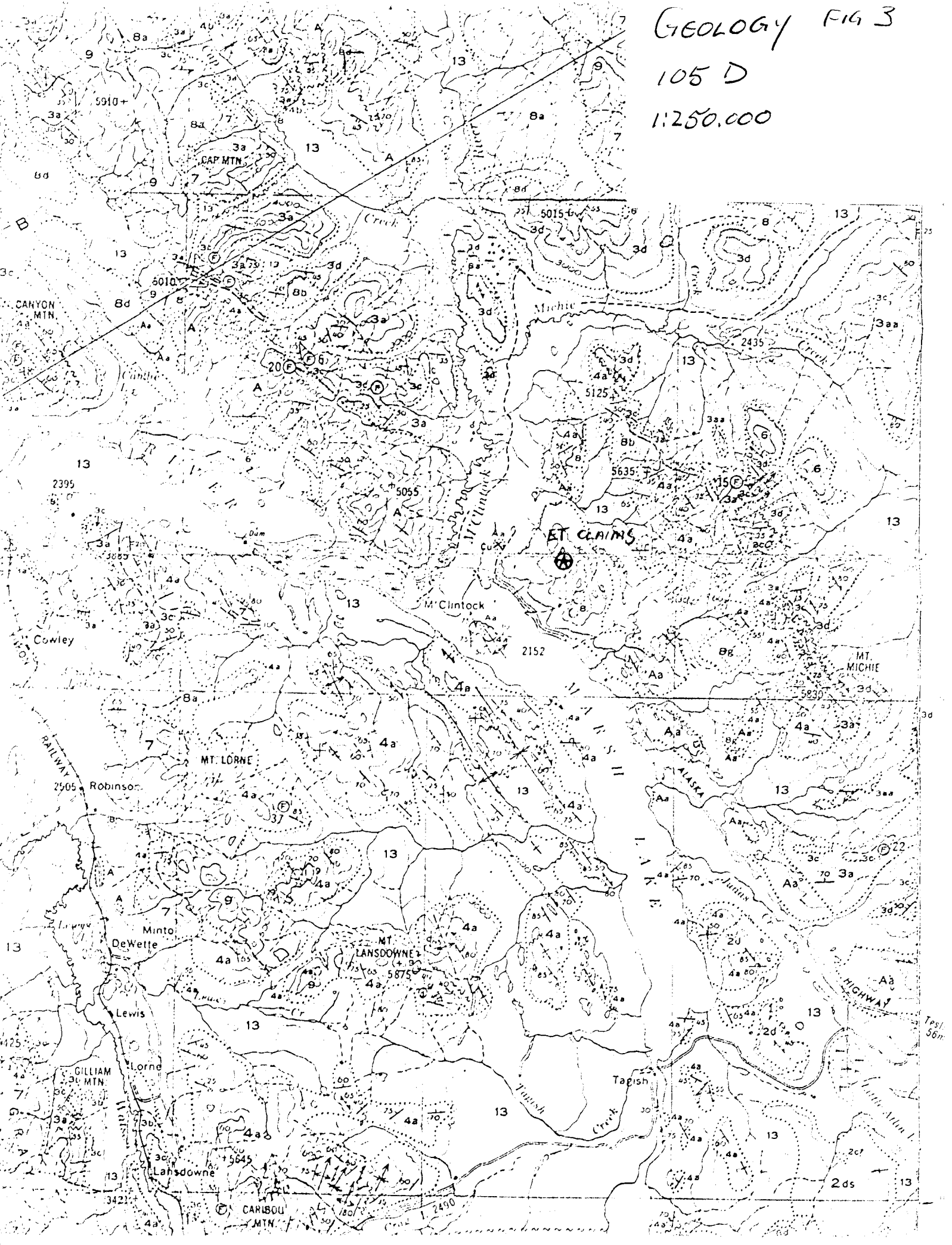
YTG P.C. 1985-324  
N00016  
N0002  
O.L.C. 1985-1365

1277

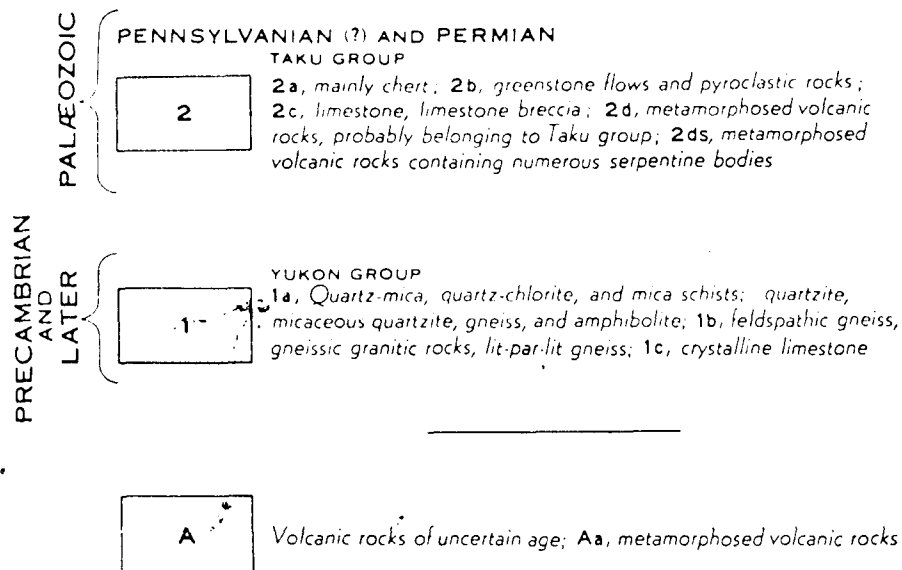
GEOLOGY FIG 3

105 D

1:250,000



Test 56



Bedding (horizontal, inclined, vertical, overturned).....	+ / X
Bedding (dip known, top of bed unknown).....	↗ ↘
Schistosity, gneissosity (inclined, vertical).....	↗ ↘
Slaty cleavage (inclined, vertical).....	↗ ↘
Fault (defined, approximate, assumed).....	~~~~~
Anticlinal axis (arrow indicates direction of plunge).....	↔ ↕
Synclinal axis (arrow indicates direction of plunge).....	↔ ↕
Fossil locality.....	23 ⊕
Mine.....	15 ✕
Mineral occurrence.....	16 ✕
Placer deposit.....	x

### SYMBOLS FOR METALS AND MINERALS

Antimony..... Sb	Gold..... Au
Coal..... Coal	Lead..... Pb
Copper..... Cu	Silver..... Ag
Fluorite..... fl	Zinc..... Zn

Geology by J. G. Fyles, 1946; J. R. Johnston, 1947;  
 and J. O. Wheeler, 1948-1951

To accompany G.S.C. Memoir 312 by J. O. Wheeler

Approximate magnetic declination 31° 16' East

Base-map compiled by the Topographical Survey, 1947

Cartography by the Geological Survey of Canada, 1960

Air photographs covering this map-area may be  
 obtained through the National Air Photographic  
 Library, Topographical Survey, Ottawa, Ontario

LEGEND

CENOZOIC	QUATERNARY	
	13	<i>Alluvium, glacial deposits, volcanic ash, loess</i>
	12	<i>MILES CANYON BASALT: basalt, minor pyroclastic rocks</i>
	TERTIARY OR EARLIER	
	11	<i>Granite porphyry, rhyolite</i>
	SKUKUM GROUP	
	10	<i>Andesite, basalt, rhyolite, and trachyte breccias, tuffs, and flows, 'granitic agglomerate'; minor greywacke</i>
	9	<i>Pink quartz monzonite</i>
	MESOZOIC	CRETACEOUS
COAST INTRUSIONS		
8		<i>Granodiorite, granite, quartz monzonite, quartz diorite, and allied rocks; 8a, hornblende-biotite-oligoclase granodiorite; 8b, leucocratic granite, biotite granite; 8c, biotite-hornblende quartz diorite; 8d, hornblende diorite; 8e, gneissic porphyritic granodiorite, 8f, shattered granodiorite and 'granitic breccia'; 8g, pegmatitic syenite</i>
HUTSHI GROUP		
7		<i>Basalt, andesite, quartz latite, and rhyolite flows, breccias, and tuffs, conglomerate, minor greywacke and argillite; 7a, basalt dyke. 7b, altered volcanic rocks probably belonging to Hutshi group</i>
6		<i>Peridotite, dunite, serpentinite, pyroxenite</i>
JURASSIC (?) AND CRETACEOUS UPPER JURASSIC (?) AND LOWER CRETACEOUS		
5		<i>TANTALUS FORMATION: arkose, siltstone, conglomerate, argillite, coal</i>
JURASSIC LOWER JURASSIC AND LATER LABERGE GROUP		
4		<i>4a, greywacke, arkose, quartzite, conglomerate, siltstone, argillite, hornfels; 4b, mainly conglomerate</i>
TRIASSIC UPPER TRIASSIC LEWES RIVER GROUP		
3	<i>3a, greywacke, siltstone, argillite, conglomerate, and tuffaceous equivalents; 3aa, includes Jurassic rocks; 3b, andesite, basalt flows and associated pyroclastic rocks; 3c, limestone, limestone breccia; 3d, metamorphosed rocks probably belonging to Lewes River group</i>	

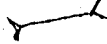
ET. 1993 - 1

SOIL + ROCK


FIG 4

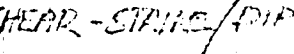
**SAMPLE LOCATION**


PITS ○ P1 - P12

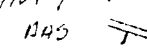
TRENCHES 

SAMPLES

 R-Rock S-Soil

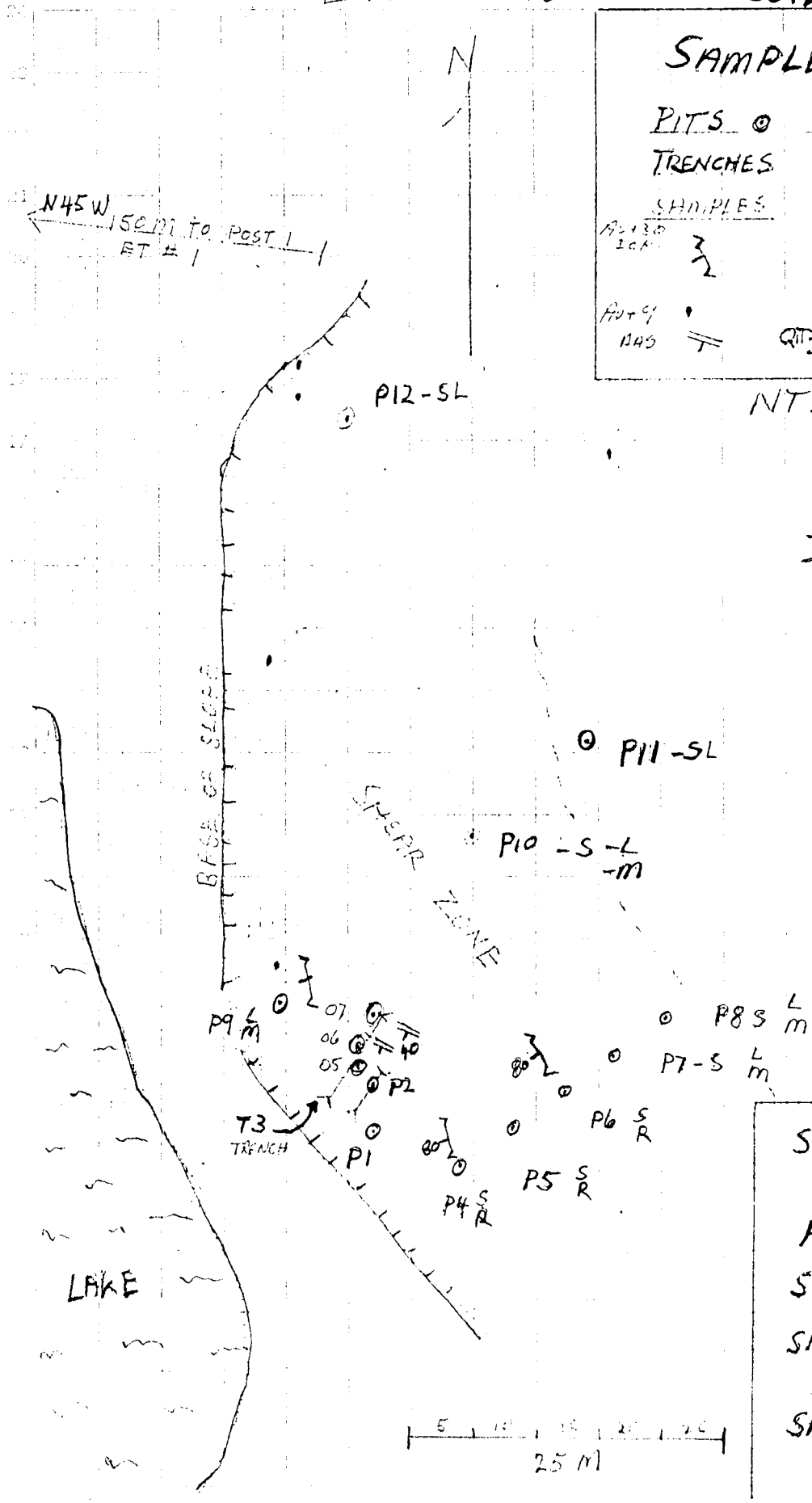
 SHEAR-STRIKE/DIP

 1992 SAMPLE LOCATIONS

 QTB/W SHEAR - STRIKE DIP

NTS 105 D/9

DIORITE



**SAMPLE LABEL SYSTEM**

PR 4 - PIT 4 ROCK

SP 4 - PIT 4 SOIL

SP 9-L - PIT 9 - LOWER HORIZON - JUST OVER bedrock

SP 9-M - PIT 9 - MID Level - AS 1992 SAMPLES - L-BT



ET 1993-1

FIG 5

GEOCHEMISTRY

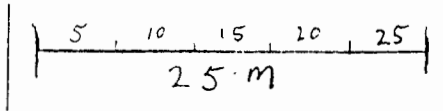
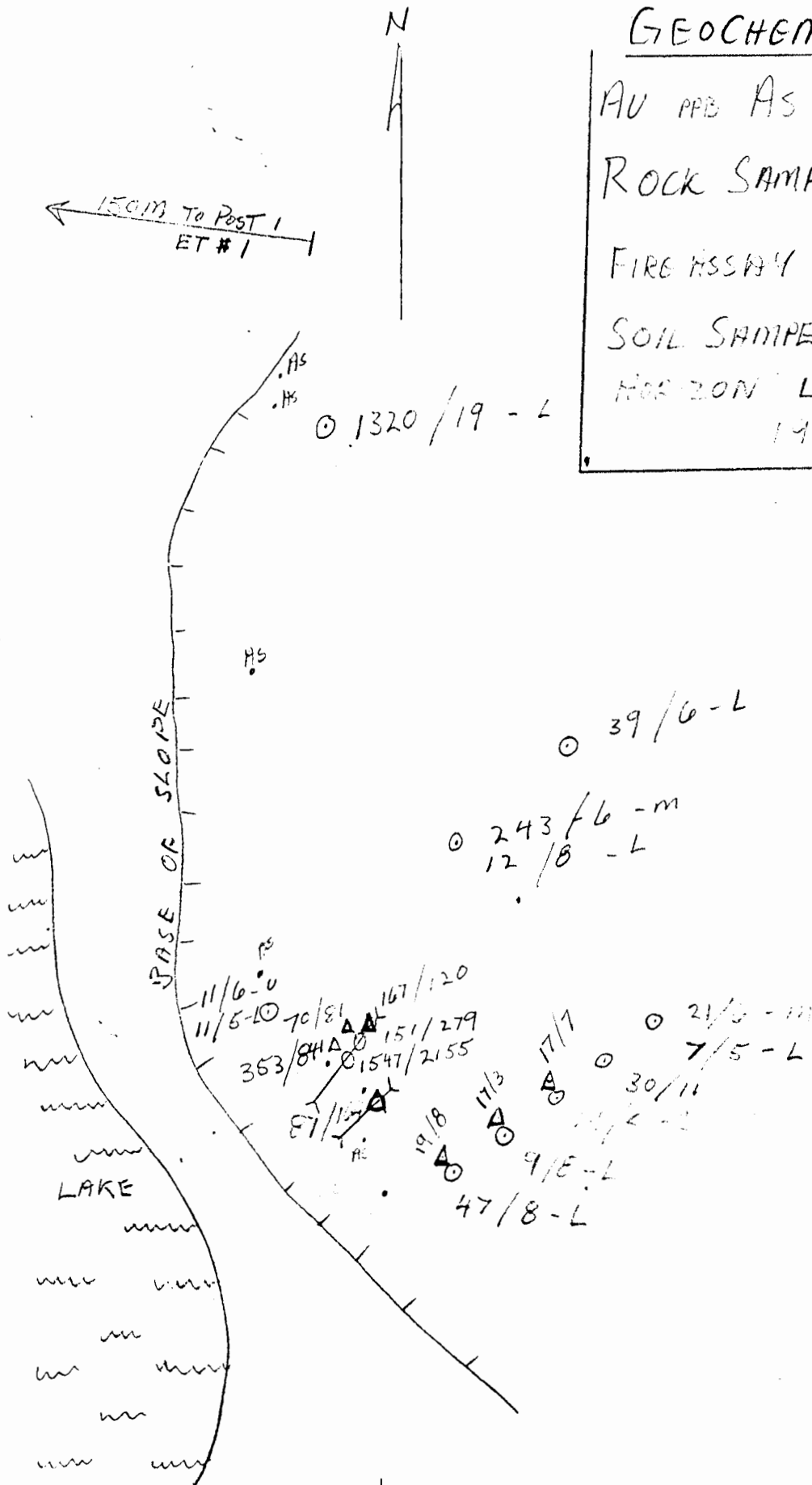
AU PPB AS PPM

ROCK SAMPLES  $\triangle$

FIRE ASSAY

SOIL SAMPLES  $\circ$

HORIZON Lower Upper Mid  
1992



# GEOCHEMISTRY

Ag PPM Pb PPM

ROCK SAMPLES ....  $\Delta$

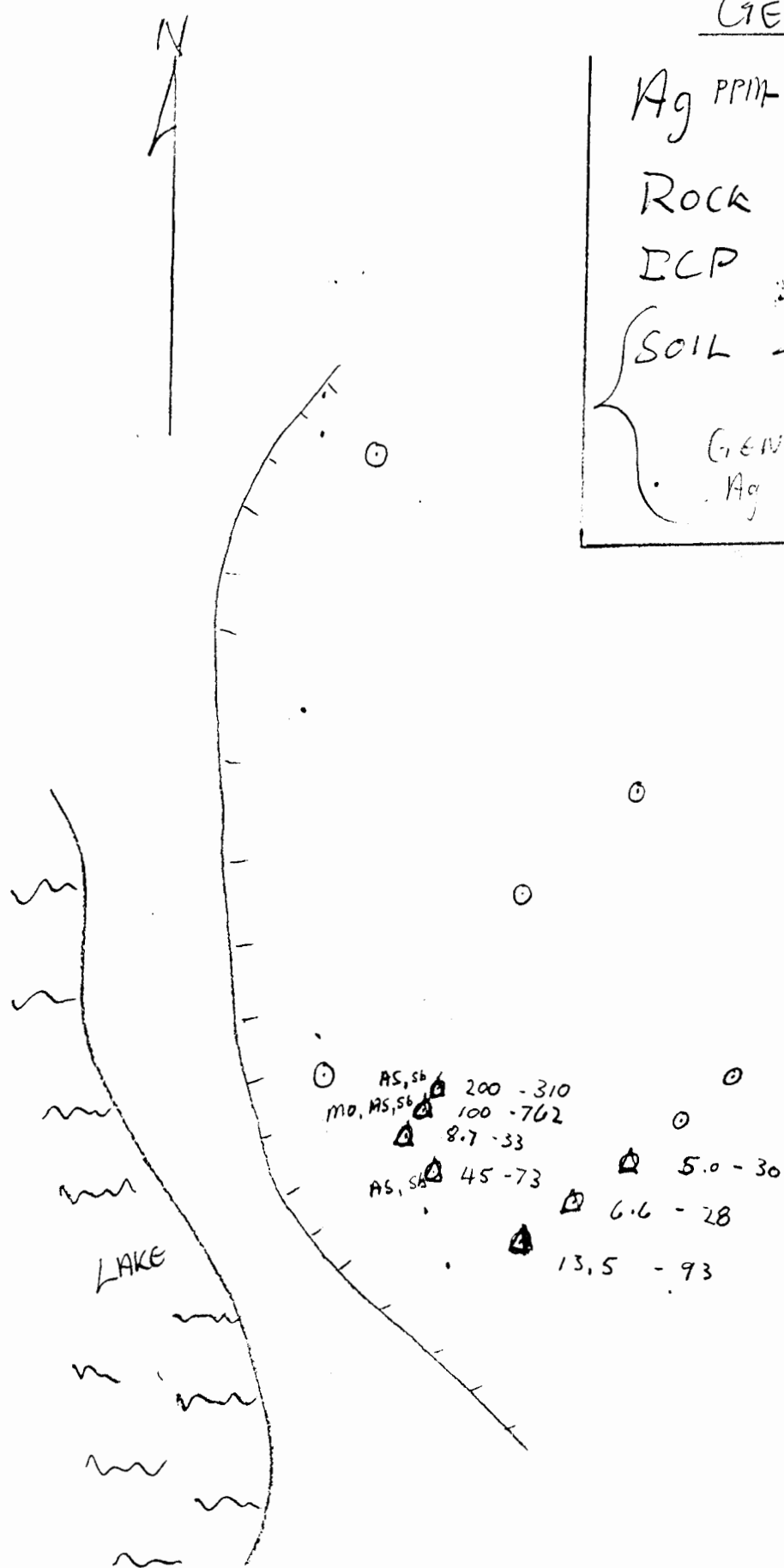
IICP ANALYSIS

SOIL SAMPLES ...  $\circ$

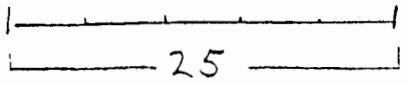
1992 ...  $\bullet$

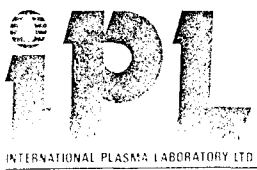
GENERALLY flat

Ag Pb



SCALE - METERS





**CERTIFICATE OF ANALYSIS**  
iPL 93E1705

2036 Columbia Street  
Vancouver, B.C.  
Canada V5Y 3E1  
Phone (604) 879-7878  
Fax (604) 879-7893

Northern Analytical Laboratories 22 Samples 0= Rock 0= Soil 0= Core 0=RC Ct 22= Pulp 0=Other [iPL=39:0519:13:34:582]  
 Out: May 19, 1993 Project: None Given Raw Storage: -- -- -- -- 12Mon/Dis -- Mon=Month Dis=Discard  
 In : May 17, 1993 Shipper: Pulp Storage: -- -- -- -- 12Mon/Dis -- Rtn=Return Arc=Archive  
 PO#: Shipment: ID=C030901

Msg: ICP(AqR)30  
**Document Distribution**  
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 YT Y1A 2Z7 0 0 0 1 0  
 Ph:403/668-4968  
 Fx:403/668-4890

**Analytical Summary**

##	Code	Met Title	Limit	Limit	Units	Description	Element	##
		hod	Low	High				
01	721P	ICP Ag	0.1	100	ppm	Ag ICP	Silver	01
02	711P	ICP Cu	1	20000	ppm	Cu ICP	Copper	02
03	714P	ICP Pb	2	20000	ppm	Pb ICP	Lead	03
04	730P	ICP Zn	1	20000	ppm	Zn ICP	Zinc	04
05	703P	ICP As	5	9999	ppm	As ICP 5 ppm	Arsenic	05
06	702P	ICP Sb	5	9999	ppm	Sb ICP	Antimony	06
07	732P	ICP Hg	3	9999	ppm	Hg ICP	Mercury	07
08	717P	ICP Mo	1	9999	ppm	Mo ICP	Molydenum	08
09	747P	ICP Tl	10	999	ppm	Tl ICP 10 ppm	Thallium	09
10	705P	ICP Bi	2	999	ppm	Bi ICP	Bismuth	10
11	707P	ICP Cd	0.1	100	ppm	Cd ICP	Cadmium	11
12	710P	ICP Co	1	999	ppm	Co ICP	Cobalt	12
13	718P	ICP Ni	1	999	ppm	Ni ICP	Nickel	13
14	704P	ICP Ba	2	9999	ppm	Ba ICP	Barium	14
15	727P	ICP W	5	999	ppm	W ICP	Tungsten	15
16	709P	ICP Cr	1	9999	ppm	Cr ICP	Chromium	16
17	729P	ICP V	2	999	ppm	V ICP	Vanadium	17
18	716P	ICP Mn	1	9999	ppm	Mn ICP	Manganese	18
19	713P	ICP La	2	9999	ppm	La ICP	Lanthanum	19
20	723P	ICP Sr	1	9999	ppm	Sr ICP	Strontium	20
21	731P	ICP Zr	1	999	ppm	Zr ICP	Zirconium	21
22	736P	ICP Sc	1	99	ppm	Sc ICP	Scandium	22
23	726P	ICP Ti	0.01	1.00	%	Ti ICP	Titanium	23
24	701P	ICP Al	0.01	99.99	%	Al ICP	Aluminum	24
25	708P	ICP Ca	0.01	99.99	%	Ca ICP	Calcium	25
26	712P	ICP Fe	0.01	99.99	%	Fe ICP	Iron	26
27	715P	ICP Mg	0.01	9.99	%	Mg ICP	Magnesium	27
28	720P	ICP K	0.01	9.99	%	K ICP	Potassium	28
29	722P	ICP Na	0.01	5.00	%	Na ICP	Sodium	29
30	719P	ICP P	0.01	5.00	%	P ICP	Phosphorus	30



# CERTIFICATE OF ANALYSIS

## iPL 93E1705

2036 Columbia Street  
 Vancouver, B.C.  
 Canada V5Y 3E1  
 Phone (604) 879-7878  
 Fax (604) 879-7898

Client: Northern Analytical Laboratories  
 Project: None Given 22 Pulp

iPL: 93E1705

Out: May 19, 1993  
 In: May 17, 1993

Page 1 of 1

Section 1 of 1

Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
13907 SP 4 LP	0.1	60	6	72	8	<	<	4	<	<	0.1	17	90	139	<	92	60	495	14	25	6	8	0.09	1.13	0.48	3.04	1.02	0.09	0.03	0.03
13907 SP 5 LP	0.1	28	5	62	8	<	<	2	<	<	0.1	14	58	108	<	68	60	282	7	24	2	4	0.08	1.36	0.37	2.66	0.76	0.06	0.02	0.02
13907 SP 6 LP	<	34	4	34	<	<	<	1	<	<	0.1	13	70	170	<	77	62	388	10	29	2	7	0.09	1.33	0.48	2.65	1.10	0.04	0.03	0.03
13907 SP 7 LP	<	43	5	40	<	<	<	1	<	<	<	15	68	208	<	81	67	469	14	51	3	9	0.09	1.51	0.72	2.90	1.27	0.05	0.04	0.09
13907 SP 8 LP	<	40	6	36	5	<	<	1	<	<	<	13	63	182	<	63	56	440	12	47	2	6	0.08	1.24	0.64	2.45	1.04	0.03	0.04	0.08
13907 SP 9 LP	<	88	4	121	5	<	<	5	<	<	0.1	48	95	83	<	239	336	1116	6	32	1	36	0.01	2.38	0.28	8.94	2.23	0.02	0.02	0.04
13907 SP 10 LP	<	36	5	49	8	<	<	2	<	<	<	17	89	190	<	99	69	553	10	34	2	6	0.10	1.51	0.63	3.00	1.58	0.06	0.03	0.06
13907 SP 11 LP	<	37	6	42	6	<	<	2	<	<	<	13	62	155	<	70	59	430	14	33	2	7	0.08	1.37	0.49	2.64	1.04	0.06	0.02	0.05
13907 SP 12 LP	<	90	7	123	19	<	<	10	<	<	<	27	94	205	<	104	118	1391	19	35	1	10	0.04	1.85	0.44	5.04	1.43	0.05	0.02	0.06
13907 SP 7 MP	<	24	6	38	11	<	<	1	<	<	<	13	59	161	<	63	65	322	7	33	2	4	0.06	1.64	0.40	2.80	0.89	0.07	0.02	0.05
13907 SP 8 MP	<	30	6	36	6	<	<	2	<	<	<	12	63	153	<	66	60	344	10	41	2	5	0.08	1.51	0.52	2.62	1.02	0.05	0.02	0.05
13907 SP 9 MP	<	107	7	110	6	<	<	5	<	<	1.2	45	90	60	<	218	314	990	10	27	2	36	0.01	2.34	0.25	9.07	1.86	0.04	0.02	0.03
13907 SP 10 MP	<	30	8	46	6	<	<	1	<	<	<	16	80	178	<	99	73	442	9	33	1	6	0.10	1.67	0.60	3.02	1.43	0.07	0.02	0.05
13907 ST 3-05 P	3.0	108	17	95	2155	<	<	5	<	<	1.5	58	107	76	<	26	39	1038	3	391	1	14	<	0.84	9.47	6.95	0.93	0.05	0.03	0.09
13907 ST 3-06 P	<	155	16	162	279	<	<	12	<	<	0.5	43	115	86	<	42	68	1135	6	60	2	22	<	1.38	0.49	8.66	0.65	0.07	0.02	0.06
13907 PR 4-01 P	13.5	75	93	99	8	<	<	15	<	<	0.7	14	40	140	<	96	39	786	8	113	3	5	<	0.60	2.38	2.72	0.95	0.15	0.02	0.04
13907 PR 5-02 P	6.6	83	28	85	13	<	<	13	<	<	<	22	84	141	<	122	47	1070	10	20	2	6	<	1.76	0.20	4.01	1.30	0.24	0.01	0.05
13907 PR 6-03 P	5.0	53	30	75	7	<	<	9	<	<	<	21	62	147	<	133	147	860	12	34	3	10	0.03	2.11	0.44	5.01	1.53	0.09	0.03	0.08
13907 PR 2-04 P	45.0	71	73	68	164	10	<	22	<	<	0.5	19	17	61	<	67	44	976	10	498	3	15	<	0.80	4.30	4.34	1.75	0.06	0.05	0.17
13907 TR 3-05 P	8.7	22	33	30	841	<	<	5	<	<	0.5	10	22	43	<	76	44	1115	3	688	<	11	<	0.37	5.37	4.03	2.29	0.06	0.03	0.07
13907 TR 3-06 P	0.1m	71	762	169	81	109	<	76	<	<	4.1	9	28	42	<	177	20	1597	<	54	1	5	<	0.28	0.22	2.43	0.07	0.05	0.02	0.09
13907 TR 3-07 P	0.2m	74	310	80	120	60	<	11	<	<	1.3	12	41	150	<	164	23	1510	4	53	2	5	<	0.30	0.25	2.93	0.09	0.12	0.01	0.09

Min Limit 0.1 1 2 1 5 5 3 1 10 2 0.1 1 1 2 5 1 2 1 2 1 1 1 1 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01  
 Max Reported\* 99.9 20000 20000 20000 9999 9999 9999 9999 999 999 99.9 999 999 9999 999 9999 999 9999 9999 9999 9999 999 99 1.00 99.99 99.99 99.99 9.99 9.99 5.00 5.00  
 Method ICP  
 ---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate  
 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898

19-May-93date

Assay Certificate

Page 1

Geoff Rushent

13907

Sample #

Au

Sample #	Au
SP9-L	7
SP9-L	11
ST3-06	151
SP-10-M	243
SP9-MV	11
SP7-L	21
GP10-L	12
SP8-M	21
SP6-L	9
SP7-M	30
SP12-L	1320
ST3-05	1547
SP6-L	29
SP11-L	39
SP4-L	47
PR5-02	30g 17
PR4-01	19
PR2-04	87
PR6-03	17
TR3-07	167
TR3-06	70
TR3-05	353

Certified by

*Barlene Shotton*



PERSONNEL

ET CLAIMS APRIL 13-17, 1993

GEOFF RUSHANT, PROSPECTOR

BOX 6 CARCROSS, YUKON, YOB 1B0

821-4401

RON BERDAHL, PROSPECTOR

P.O. BOX 5664, WHITEHORSE,

YUKON, YIA 5L5

2. Member & member of  
Yukon Chamber of  
Mines & Carriers  
- C.E. 130

have prospected in the Yukon Territory  
for five years.

I have completed 3 prospecting  
courses;

- BASIC PROSPECTING - Yukon Chamber of  
Mines - Whitehorse Y.T. - 1987.
- ADVANCED PROSPECTING - Yukon Chamber  
of Mines - Whitehorse Y.T. - 1988
- ADVANCED PROSPECTING - 18 DAY COURSE  
I.C.E.M.A.R. - Courtenay B.C.  
- 1990



*[Faint handwritten signature]*

EXPENSES

G. Rushant	trenching and sampling including one travel day 5 days @ \$175. day	\$875.00
R. Berdahl	trenching 3 days @ \$175. day	\$525.00
Live out expenses	7 @ \$52.	\$364.00
Transportation	2 trucks x 200 k 400 k @ .365	\$146.00
	2 dogs x 5 days 5 @ \$5.	\$ 25.00
Supplies	Bags	\$ 36.05
Plugger	Operating Expense	\$ 15.00
Explosives		\$139.34
Geochemical Analysis		\$430.14
Report		\$200.00
TOTAL		\$2,755.53