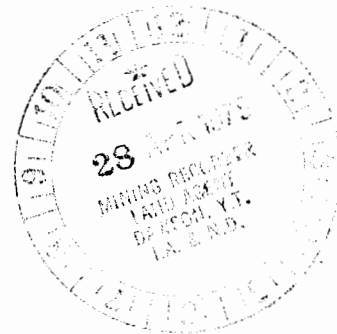




GEOCHEMICAL AND GEOLOGICAL REPORT

1974 FIELD WORK

JUG CLAIM GROUP



Dawson Mining District
Yukon Territory

N.T.S. 116-H-10

\$ 400.00

Latitude : 65°³⁷36'N
Longitude : 137°00'W
136°58'W

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of \$ 400.00

[Signature]
Resident Geologist or
~~Resident Mining Engineer~~

Considered as representation work under Section 53 (4) Yukon Quartz Mining Act.

[Signature]
Commissioner of Yukon Territory

By:

Peter M. Dean
Robert C. Carne



DYNASTY EXPLORATIONS LIMITED

February, 1975,

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LIST OF CLAIMS

<u>Claim</u>	<u>Claim Number</u>	<u>Grant Number</u>	<u>Recording Date</u>
JUG	1-4	Y82859-Y82862	July 11, 1974

DYNASTY EXPLORATIONS LIMITED

330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B.C.

GEOCHEMICAL AND GEOLOGICAL REPORT 1974 FIELD WORK JUG CLAIM GROUP

INTRODUCTION

The Jug Group was staked in July of 1974 to cover an iron-rich, acidic seep, with associated high lead and zinc values, discovered earlier in the 1974 field season. Work on the property consisted of preliminary geochemical sampling, prospecting and geological mapping.

CONCLUSIONS AND RECOMMENDATIONS

No sulphide mineralization was seen on the Jug Group. Two very acid, rusty seeps drain from horizontally bedded, partially metamorphosed black shales. A grab sample of the shale and a grab sample of limestone coated with sediment from one of the seeps showed anomalous values in lead content. Further prospecting and sampling should be carried out on the Jug Group to discount the possibility of a major sulphide deposit associated with the shales.

LOCATION AND ACCESS (See Figure 1)

The Jug Group is located near longitude 137°00'W and latitude 65°36'N, approximately two miles west of the Hart River, on the north flank of the Ogilvie Mountains of central Yukon. Access to the property is by helicopter, with vehicle support from the Dempster Highway, 32 miles to the northwest.

GEOLOGY (See Figure 3)

The rocks of the Jug Group can be assigned to two mappable units:

Unit 2: Thinly bedded, highly fractured black shales, partially metamorphosed to slate.

Unit 1: Thinly bedded, blocky fracturing, fine grained, grey limestone with interbedded black chert near the contact with Unit 2.

The contact between Unit 1 and Unit 2 is horizontal and conformable.

Two large rusty seeps emerge from the Unit 2 shales approximately five feet stratigraphically above the contact with Unit 1. Although no pH determinations were made of the seep waters, they appear to be very acidic as vegetation has been killed and totally replaced, in places, by iron oxides. No sulphide mineralization is visible in either the Unit 1 limestones or the Unit 2 shales.

GEOCHEMISTRY (See Figure 4)

A total of 14 samples were taken on the property and analysed by atomic absorption methods by Acme Analytical Laboratories Ltd., 6455 Laurel Street, Burnaby, B.C. Because of the small number of samples involved, no statistical interpretation of metal values was attempted. Samples RJ4G-1G to RJ4G-8G and RY4C-293 are samples of the rusty seep sediment. Metal values average 28 ppm copper, 34 ppm lead and 87 ppm zinc. Complete metal values are listed in Figure 4.

Two grab samples of rock from the Jug Group were analyzed geochemically:

- (1) RY4C-191R, a grab sample of Unit 1 limestone coated with iron-rich seep sediment, has metal values of 260 ppm copper, 900 ppm lead, 710 ppm zinc.

- (2) RY4C-295R, a grab sample of Unit 2 black shales, has metal values of 52 ppm copper, 540 ppm lead, 2900 ppm zinc. RY4C-2930 is a composite sample of a pink powder of unknown origin found coating a snow drift in the creek valley. Metal values for this sample are 4 ppm copper, 44 ppm lead and 2100 ppm zinc.

Respectfully submitted,

P. M. Dean

Peter M. Dean,
Robert C. Carne

February, 1975,



R. E. Gordon Davis

LIST OF PERSONNEL

C. Godwin	Geologist	312 - 9288 Cameron, Burnaby 3, B.C.
R. Carne	Geologist	1352 W. 7th Avenue, Vancouver, B.C.
P. Maser	Geological Assist.	#4-78 Rue St. Louis, Quebec 4, P.Q.

SUMMARY OF COSTS
JUG CLAIM GROUP

Schedule "A"

	<u>Schedule No.</u>	<u>Total</u>
Salaries & Wages	"B"	\$ 39.65 ✓
Assays & Geochem Analysis	"C"	18.56 ✓
Field Equip. & Supplies	"D"	4.98 ✓
Camp Maintenance	"E"	8.95 ✓
Fuel	"F"	40.05 ✓
Rotary Wing	"G"	217.50 ✓
Fixed Wing	"H"	38.71 ✓
Misc. Transportation	"I"	20.88 ✓
District Expense	"J"	<u>38.82</u> ✓
		<u>\$428.10</u>
Administrative Charge 10%		<u>42.81</u>
TOTAL COST		<u>\$470.91</u>

Note: Copies of invoices or schedules of allocated costs in excess of \$200.00 have been included. Copies of other invoices will be provided upon request.

DYNASTY EXPLORATIONS LIMITED

330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B.C.

AFFIDAVIT SUPPORTING SUMMARY OF COSTS

I, PETER M. DEAN, Geologist, Dynasty Explorations Limited, of Vancouver, British Columbia, do hereby state that, to the best of my knowledge and belief, the statement of costs presented in this report (Geochemical and Geological Report - 1974 Field Work - Jug Claim Group) is both correct and true.

P. M. Dean
Peter M. Dean

15 April 1975
Date

Dennis A. Kattan
Notary Public in and for the
Province of British Columbia

171-01

NAME *July - S & W.*
.....
.....

CARD NO.

schedule "B"

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
11 JUL 74	0	11	3468		3468	20569
1 DEC 74	0	15	4.97		39.65	21066

salary and wage summary

<i>colin Godwin</i>	<i>30.16</i>
<i>None wage labor cost 15%</i>	<i>4.52</i>
<i>REC Davis allocation</i>	<i>4.97</i>
	<u><u><i>39.65</i></u></u>

A

DYNASTY EXPLORATIONS LTD.
 REDISTRIBUTION OF REG DAVIS Salary

Dec 31, 1974

Prepared By	Initials	Date
Approved By		

Basic salary	37499.97	
less Holiday Value (included - N.W.C.C.)	3293.69	34206.28
Add: Non Wage labor costs 15%		5130.94
		<u>39337.22</u>
Redistribute 50%		<u>19668.61</u>

Redistribution of REG DAVIS s+w.

	Jan-Nov 73	Dec 1-31 (140,197)	total	Distribution
Selwyn 141-	50,786.91	489,440	542,793.4	778181
Plata 151-	1540110	140875	16,809.85	240995
Freegold 160-	21313.63	-	21313.63	305564
Other 101-	3785.17		3785.17	54264
Red oer 111	33,183.88	75469	33,938.57	486562
-Billb. 123	45016	47438	924.54	13254
COOT 124	23374		23374	3351
DIDLO 125	207.35		207.35	2973
EG 126	119802	17969	1377.71	19751
FC 127	2875		2875	412
G16 128	3585		3585	514
HOT 129	13860	53546	67406	9663
ID 170	5405		5405	775
JUL 171	3468		3468	497 ✓
KIWI 172	91197		91197	13074
MAGIC 174	8060		8060	1155
NEWT 175	14135		14135	2026
OZ 176	150844		150844	21625
POO 177	4744		4744	680
QUAK 178	3163		3163	453
Sourdough 179	4744		4744	680
Ralph 181	146.26	32704	47330	6785
Tart 182	25300		25300	3627
	<u>130,020.02</u>	<u>857,441</u>	<u>137,192.46</u>	<u>19,668.61</u>

includes 110, 111, 100, 121, 173
 includes all at per. pay class
 on 1/1/74

FACTOR = $\frac{19668.61}{137,192.46} = .14336$

171-11

NAME . . . JUG - Assays

CARD NO.

Schedule C

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
3-74	0	Remē 2608	1350		1350	184.61
10-74	0	22	506		1856	189.67
						A

171-12

NAME

Jug. - E9S

CARD NO.

Schedule "D"

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
01 V74	0	21	4.98		4.98	176.10

A

171-14

NAME . . . Jug - Fuel
.....
.....

CARD NO.

Schedule "F"

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
10/17/74	0	19	88.10		88.10	259.24
		Loss staking fuel				
		$\frac{18}{3.3} \times 88.10$				
					<u>48.05</u>	
					<u>40.05</u>	
					<u><u>40.05</u></u>	

A

171-15

NAME . . . Jug - R.W. . . .
.....
.....

CARD NO.

Schedule 'G'

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF	
3 Jun 74	0	TNTA 24.47	1.8	261.00	staking	261.00	43215
JUL 74	0	✓ 24.47	1.5	217.50	ecology	478.50	649.65
			<u>3.3</u>				

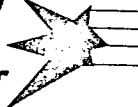
Less staking costs

<u>1.8</u>
<u>1.5</u>
<u>3.3</u>

<u>261.00</u>
<u>217.50</u>
<u>443.50</u>

A

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N
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TRANS NORTH TURBO AIR (1971) LTD.
 BOX 4338, WHITEHORSE, YUKON
 TELEPHONE (403) 668-2177 • TELEX 036-8-290

ACCOUNT NUMBER	895
7260	
INVOICE DATE	11/07/74
A/C TYPE	BELL 430E-2
AIRCRAFT REGISTRATION C	C-61013
FLIGHT DATE	25 06 74
PURCHASE ORDER NO.	Contract

CHARTERER
DYNASTY (CONTRACT)
 330-355 Burrard St.
 BILLING ADDRESS
 Vancouver B.C. V6C 2P8

FUEL & OIL - 1	TNTA FUEL USED	HRS.-GALS.	FROM
TNTA	CUST.		
V		133	Contract

FROM	TO	MILES	HOURS	ZONE	FREIGHT LBS.	NO. OF PASS. - REMARKS
	MI 133 DEMPSTER					
	LOCAL		1.8			2 STAIRS
	171-15	261.00				HAS 2 PASSENGERS
	115.2					
	113.4					
	FIR DAY 1.8					
	CR CR	261.00				

Due

SUB	QTY	AMOUNT
3/10 STD 2		261.00

1.8 @ 145.00	261.00
e	
e	
e	

TERMS: ONE PERCENT INTEREST PER MONTH WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

WAITING TIME	@	/HR.
FUEL:	@	/GAL.
FUEL:	@	/GAL.
MEALS & LODGING		
OTHER		
OTHER		

P. Deon
 CHARTERER'S SIGNATURE
Doug Ford
 PILOT'S SIGNATURE
J. ANDERSON
 ENGINEER'S NAME

PAID

TO PAY \$261.00

DUV INVOICE

A



TRANS NORTH TURBO AIR (1971) LTD.
 BOX 4338, WHITEHORSE, YUKON
 TELEPHONE (403) 668-2177 • TELEX 036-8-290

DYNASTY (CONTRACT)
 CHARTERER

BILLING ADDRESS

ACCOUNT NUMBER	895
INVOICE DATE	7266
INVOICE DATE	11/07/74
A/C TYPE	BELL 4730-2
FLIGHT DATE	020-774
PURCHASE ORDER NO.	Contract

FUEL \$ OIL-X	TNTA FUEL USED	HRS. GALS.	FROM
TNTA CUST.			PAZ AK 133

FROM	MILES	HOURS	ZONE	FREIGHT LBS.	NO. OF PASS. - REMARKS
MI 133					2
LOCAL		4.6			
Charge 1.5-JUG					
C. GODWIN - 66.00					
111-15 449.50					
171-15 217.50					
667.00					

SUB	G.L.	AMOUNT
31105102		667.00

4.6 @ 145.00 667.00

TERMS: ONE PERCENT INTEREST PER MONTH WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

WAITING TIME	/HR.
FUEL:	/GAL.
FUEL:	/GAL.
MEALS & LODGING	
OTHER	
OTHER	

P. Plew
 CHARTERER'S SIGNATURE

Doug Lind
 PILOT'S SIGNATURE

J. ANDERSON
 ENGINEER'S NAME

PAID

TOTAL \$ 667.00

aw INVOICE

171-16

NAME Jug - FW
.....
.....

CARD NO.

Schedule H

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
30 JUL 76	0	19	3871		3871	209.8

A

DISTRIBUTION OF DISTRICT EXPENSE
DECEMBER 31, 1974

Prepared By

Approved By

A/N.	NAME.	Direct costs to Dec. 31/74	District Expense
1	101-41 YUKON OEX	37,971.5	198.15
2	103-41 FLYRE LAKES	8,312	434
3	107-41 K-9 SYNDICATE	13,000.00	-
4	108-41 SIERRA GORJA	32,877.99	-
5	111-41 REEF OEX (includes 110, 111, 120)	186,406.02	197,278.3
6	121-41 KEG	179.40	936
7	122-41 ALP	453	24
8	123-41 BILBO	4,164.39	2,173.1
9	124-41 COOT	22,943.6	1,197.3
10	125-41 DIDLO	14,519.4	757.7
11	126-41 EG	5,568.54	2,905.9
12	127-41 FC	692.51	361.4
13	128-41 GIG	877.15	457.7
14	129-41 HBT	3,440.92	1,795.6
15	131-41 MS	10,665.07	5,565.5
16	132-41 TAP	6,704.20	3,498.5
17	133-41 PAS	98,531.93	51,417.9
18	134-41 SAND/GUN	61,159.16	31,915.3
19	135-41 BARBI	370.01	193.1
20	136-41 LOWER ANVIL	140.82	73.5
21	137-41 MSE	6,376.90	3,327.7
22	139-41 GULL	7,440.89	3,883.0
23	141-41 SELWYN OEX	49,616.34	25,891.8
24	142-41 DRA	57.00	29.7
25	143-41 TAM	477.84	249.4
26	144-41 JOY/NAK	588.00	30.69
27	145-41 HAHU/BRAM	650.82	339.6
28	147-41 FOTO	329.86	172.1
29	149-41 MINTO	63.41	33.1
30	151-41 PLATA	106,826.32	55,746.3
Balance carried forward		593,136.59	29,169.13

DYNASTY EXPLORATION LTD
Distribution of District Expense
 (continued)

J

Balance brought forward December 31, 1974

31	160-41	FRESH COLD	593,136.59 155,362.45	29,169.13 181,074.4
32	165-41	SKYLINE	502,007.84	
33	170-41	13	546.88	285.4
34	171-41	JUG	743.93	388.2 ✓
35	172-41	KIWI	7204.62	375.97 A
36	173-41	ATES	1138.69	59.42
37	173-41	LINGAM	239.50	12.50
38	174-41	MATIC	965.24	50.37
39	175-41	NIWT	1013.33	52.88
40	176-41	OZ	10,213.18	532.97
41	177-41	POO	189.24	9.88
42	178-41	QUAK	238.66	12.45
43	179-41	SOURDOUGH	496.36	25.90
44	180-41	MCKENZIE	155.25	8.10
45	181-41	RALPH	1033.65	53.94
	182-41	TRKT	10,012.57	522.50
			<u>8,32,890.82</u>	<u>39,060.81</u>

DISTRICT EXPENSE FACTOR = $\frac{39,060.81}{832,890.82} = 0.0469$

DISTRICT EXPENSE SUMMARY

DEC 31, 1974

Prepared By:	Date:
Approved By:	

1	93-01	Salaries & Wages	✓ 1,89,887.71
2	02	Groceries	18,052.00
3	03	Travel	✓ 22,039.50
4	04	Communication	✓ 19,798.50
5	05	Stationery	2,799.00
6	06	Travel	24,444.80
7	08	Operating	✓ 20,440.40
8	09	Drafting Supplies	4,383.60
9	10	Maps & Prints	44.10
10	14	Insurance	16,150.00
11	15	Other	2,799.00
12	16	Meals	✓ 15,000.00
13	19	Depreciation	✓ 54,382.20
14			
15			39,060.81
16			

KEY MAP

LEGEND

- ROADS
- BORDERS
- SETTLEMENTS DAWSON
- REEF PROJECT CLAIM GROUPS Kiwi
- BOUNDARY OF GEOCHEM. COVERAGE

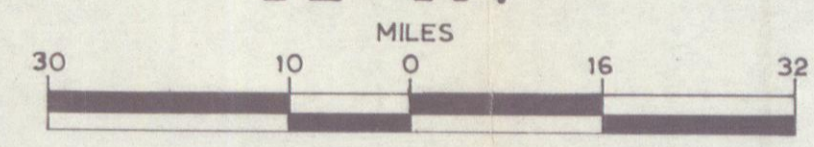
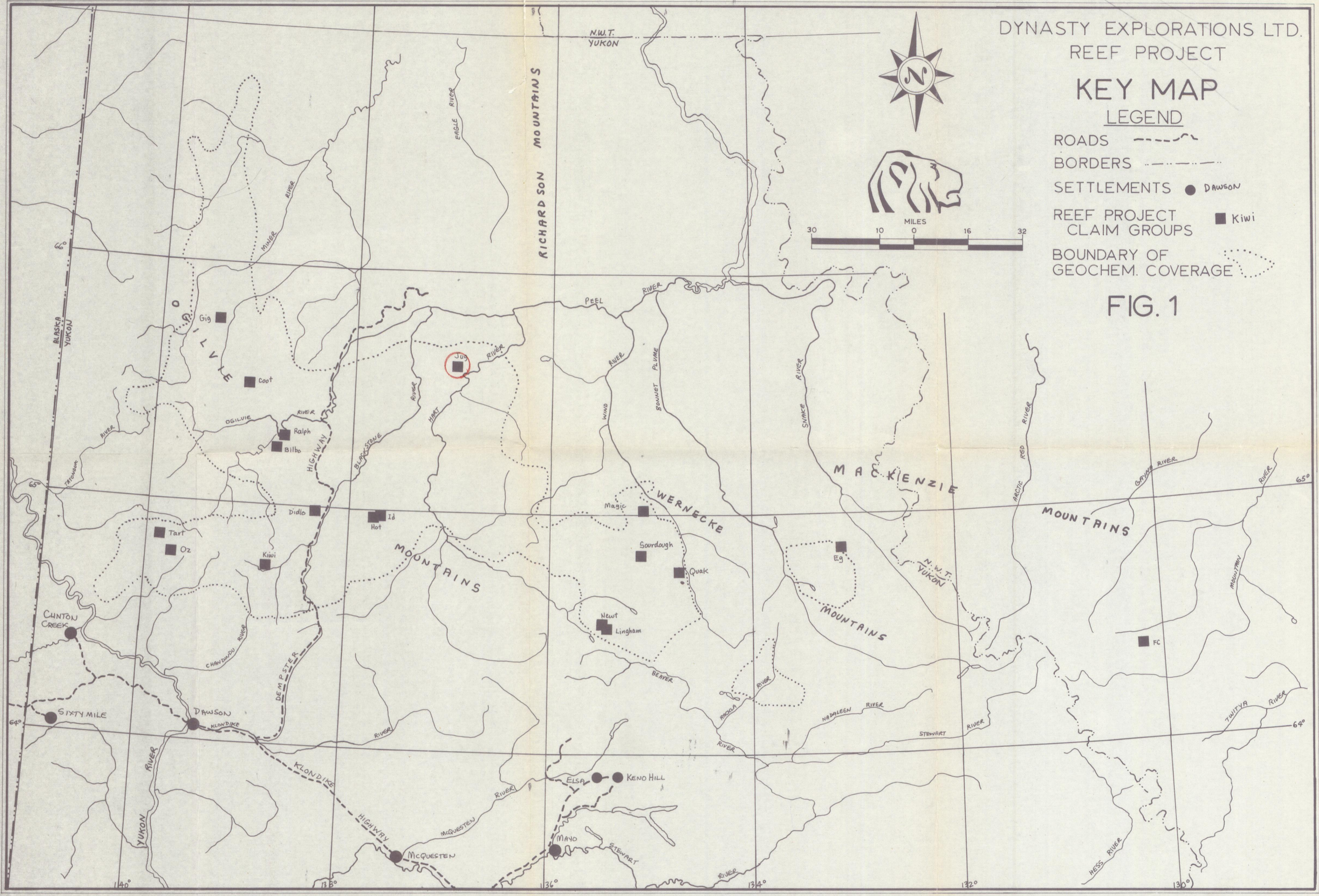
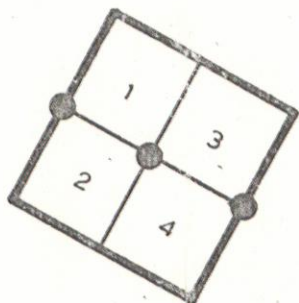
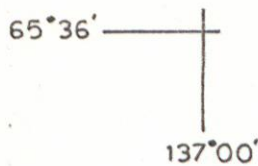


FIG. 1






DYNASTY EXPLORATIONS LTD.

REEF PROJECT
JUG GROUP



LEGEND

-  claim outline
-  claim post
-  claim line, name

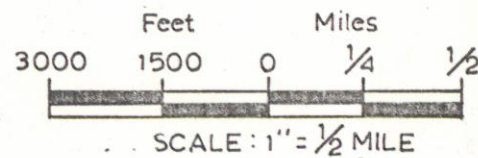
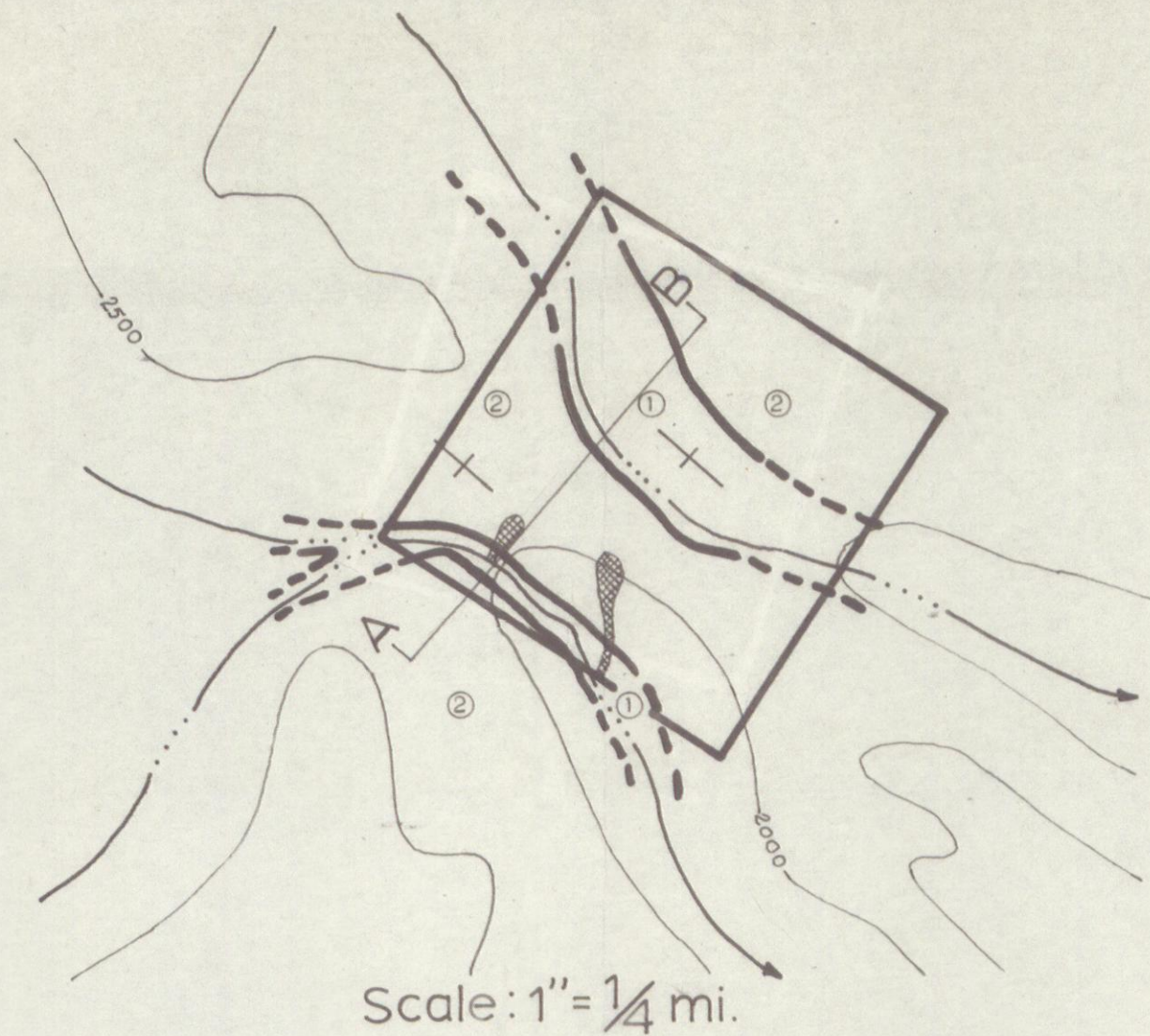


FIG. 2

116H - 10



DYNASTY EXPLORATIONS LTD
REEF PROJECT

JUG GROUP GEOLOGY



LEGEND

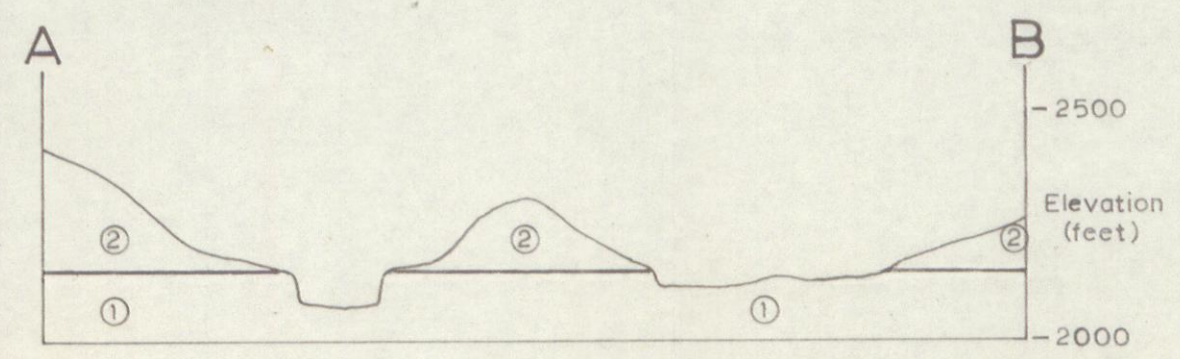
- Claim outline ———
- Geologic contact
definite ———
- approximate - - - -
- Attitude of bedding
horizontal — + —
- Gossanous seep — [stippled pattern]

LITHOLOGY

- ② Thinly bedded, highly fractured black shales.
- ① Thinly bedded, fine grained, grey limestone and interbedded black cherts.

N.T.S. : 116H -10
DATE: JAN. 1975
C.I. = 500'

FIG. 3



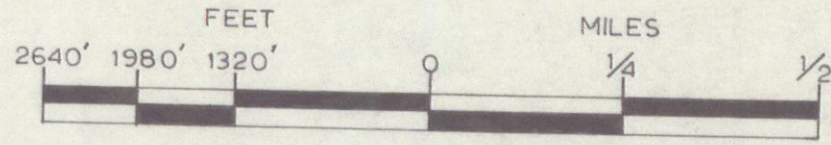
DYNASTY EXPLORATIONS LTD.
 REEF PROJECT
 JUG GROUP

SCALE: 1"=1320'
 N.T.S.: 116 H-10.
 DATE: OCT. 1974.

- ✓ SILT.
- SOIL.
- ▲ ROCK (GRAB).

RESULTS: (ppm)
 Cu, Pb, Zn

RJ4G-1G:	35, 56, 200
2G:	31, 26, 40
3L:	46, 36, 90
4L:	22, 27, 30
5L:	8, 16, 20
6L:	9, 16, 24
7G:	20, 42, 132
8G:	19, 48, 150
RY4C-191R:	260, 900, 710
192S:	22, 52, 290
193S:	24, 45, 310
RY4C-293L:	12, 36, 100
294Q:	4, 44, 2100
295R:	52, 540, 2900



65° 37'
 137° 00'

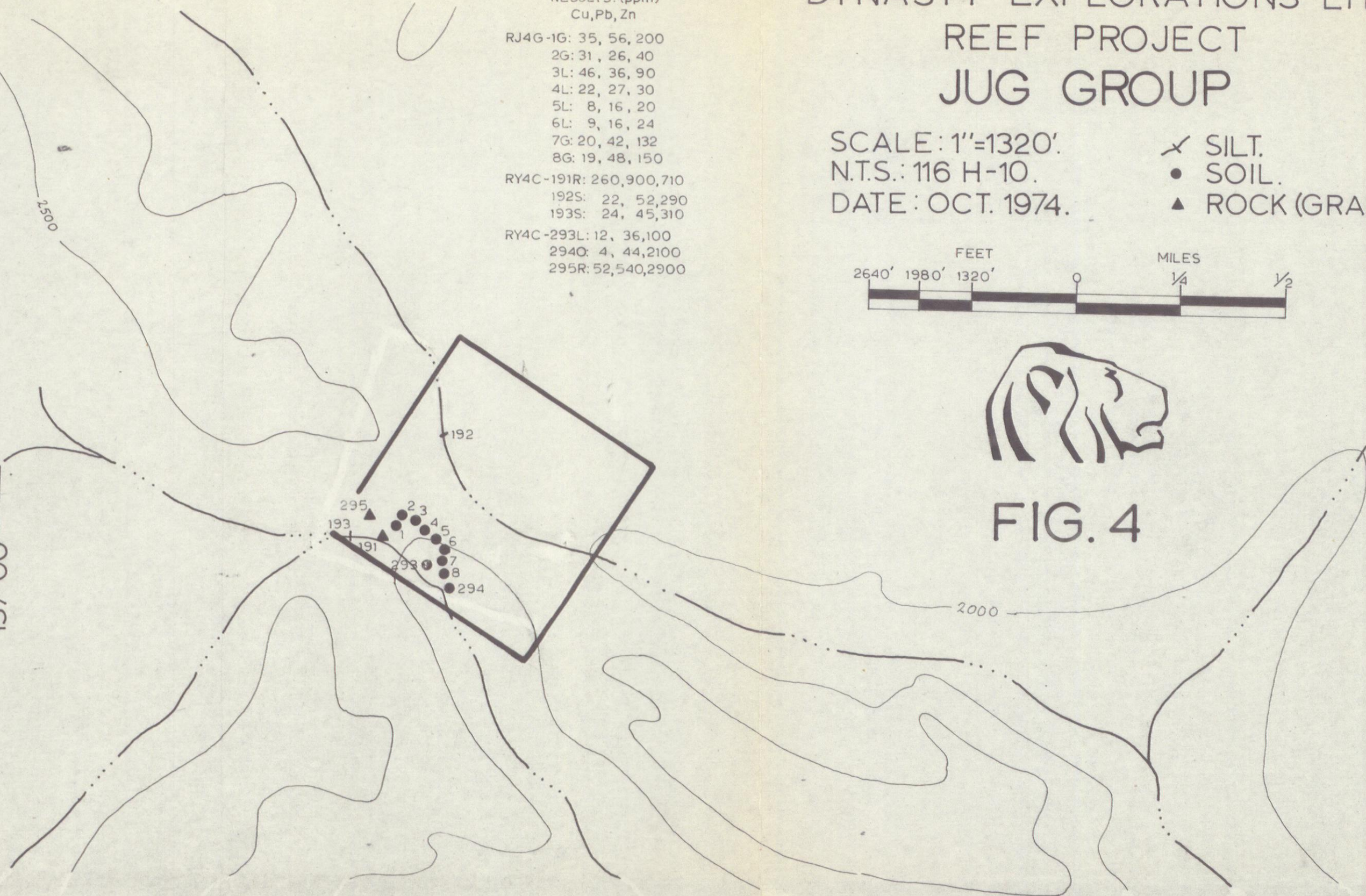


FIG. 4