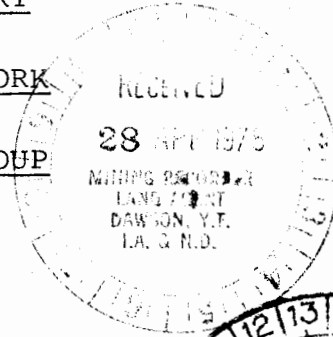




GEOLOGY REPORT

1974 FIELD WORK

ID CLAIM GROUP



Dawson Mining District

N.T.S. 116-A-13



Latitude : 64°58'N.

Longitude : 137°40'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 \$200.00

D.B. Craig

Resident Geologist or

~~Resident Mining Engineer~~

By:

Peter M. Dean

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

DYNASTY EXPLORATIONS LIMITED

February, 1975

Phillips

Commissioner of Yukon Territory

ADMINISTRATOR OF THE YUKON TERRITORY

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LIST OF CLAIMS

Claim Number

Grant Number

Recording Date

ID 1-8

Y82793- Y82800

July 5th, 1974

DYNASTY EXPLORATIONS LIMITED

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

GEOLOGY REPORT
1974 FIELD WORK
ID CLAIM GROUP

INTRODUCTION

The ID claims were staked during June of 1974 to cover the headwaters of a small stream which was highly anomalous in lead and zinc. Preliminary prospecting, geologic mapping and limited geochemical sampling were carried out on the claims in June.

CONCLUSIONS AND RECOMMENDATIONS

The preliminary prospecting led to the discovery of two main gossan zones one of which contains residual galena as well as secondary lead and zinc minerals. Follow-up exploration proposed for the claims includes hand trenching and clearing of talus on both gossan zones, and a detailed, picket line soil sampling survey.

LOCATION AND ACCESS

The ID claims are located 5 miles north of Michelle Creek at approximately latitude $64^{\circ}58'N$, and longitude $137^{\circ}40'W$. They are in the north-central part of N.T.S. Map Sheet 116-A-13. Access to the claims is by helicopter from the Dempster Highway, 15 miles to the west.

GEOLOGY (See Figure 3)

The ID claims lie in the central Ogilvie Mountains in an area underlain by Proterozoic and Paleozoic formations. In the vicinity of the claims, the Proterozoic formation (G.S.C. Unit 1) consists predominantly of shales and siltstones and is essentially unmetamorphosed. This unit is frequently strongly folded. Unconformably overlying Unit 1 is a massive grey dolomite formation several thousand feet thick, which is very gently folded. This formation is mapped as G.S.C. Unit 8, of Ordovician to Silurian age.

Table of Formations of ID Property

<u>G.S.C. Designation</u>	<u>Unit</u>	<u>Description</u>
8	B	Grey weathering, light grey, fetid, sparry dolomite with locally abundant chert.
- Unconformity -		
1	A	Flaggy, rusty weathering dolomitic siltstone with minor interbedded silty dolomites, very fine grained dolomitic sandstone and greenish weathering argillite.

Property Geology

Geology on the ID claims is simple and essentially similar to the general regional geology. Unit 1 outcrops at low elevations in the creek valley and probably underlies the main valley west of the claims. On the ID claims this unit consists of dark weathering, greenish-brown shale and buff-weathering dolomitic siltstone. The unconformity between Unit 1 and Unit 8 is nearly flat-lying. Unit 8 consists of massive grey dolomite with some cherty sections.

Mineral Showings

The gossan zone at the top of the valley on claim ID No.7 consists of a float train of massive gossan blocks in talus. Some of these blocks are 10 ft. in maximum dimension and appear to be nearly in place. A few chunks of this gossan give a weakly positive result when tested with secondary zinc stain, but none contain visible sulphide minerals.

The second gossan zone, on claims ID Nos. 3 and 4, is an area of rusty soil and rock on a steep sidehill south of the stream. A chunk of the gossan from this showing assayed 36% Pb, and occasional pieces of the gossan contain corroded galena grains surrounded by botryoidal plumbojarosite or cerrusite.

Occasional pieces of gossan occur along the entire talus slope between the two main gossan zones, suggesting that they may be connected beneath the talus cover. Both showings are at the same stratigraphic level above the base of Unit 8, and there seems to be a good likelihood that bedding is exerting some control on the mineralization.

GEOCHEMISTRY (See Figure 4)

A small number of seepage and silt samples have been taken on the property. These were analyzed for copper, lead and zinc by Acme Analytical Laboratories, Ross River, Yukon. Sample treatment involved sieving to yield a -80 mesh fraction, followed by perchloric extraction. Analysis was carried out on an atomic absorption instrument. Values obtained ranged from 90 to 4000 ppm lead and from 168 to 3800 ppm zinc. Copper values were all very low.

PROPOSED EXPLORATION

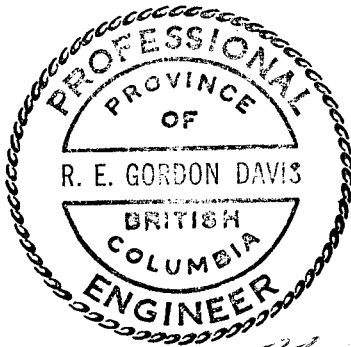
The main object of the work on the claims will be to determine the width and length of the mineralized zone. This can best be done by a detailed soil sampling survey over the showing areas, followed up by hand trenching and clearing of talus in the peak anomalous zones. Hand trenching is likely to prove most fruitful on the western gossan zone, since talus appears to be thinner there than at the top of the valley. A crew of two men should be able to complete this trenching and sampling in three or four days of field work.

Respectfully submitted,

P. M. Dean

Peter M. Dean

February, 1975,



R. E. Gordon Davis

LIST OF PERSONNEL

P. Dean	Geologist	1405 - 1011 Beach Ave., Vancouver, B.C.
R. Carne	Geologist	1352 W. 7th Avenue, Vancouver, B.C.

SUMMARY OF COSTS
ID CLAIM GROUP

	<u>Schedule No.</u>	<u>Total</u>
Salaries and Wages	"B"	\$ 61.80
Field Equip. & Supplies	"C"	4.98
Camp Maintenance	"D"	8.95
Fuel	"E"	26.69
Rotary Wing	"F"	145.00
Fixed Wing	"G"	23.46
Misc. Transportation	"H"	16.30
District Expense	"I"	<u>28.54</u>
		\$315.72
Administrative charge 10%		<u>31.57</u>
TOTAL COST		<u>\$347.29</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 (Geology Report - 1974 Field Work - ID Claim Group) is both correct and true.

P. M. Dean
Peter M. Dean

15 April 1975
Date

Desmond A. Nathan
Notary Public in and for the
Province of British Columbia.

170-01

NAME

Id - S & W

CARD NO.

Schedule "B"

DATE	Ø	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
1 OCT 74	0	11	28.75		28.75	198.76
31 V 74	0	20	25.30		54.05	224.06
1 E 74	0	15	7.75		61.80	231.81

Salary + wage summary

Robert Carne	25.00
Peter Dean	22.00

None wage labor costs 15%	47.00
R.E.G. Davis allocation	7.05
	7.75

<u>61.80</u>	A
--------------	---

TIME SHEET

NAME

Bob Carre

FOR THE MONTH OF

October

19 74

TYPE OF WORK

Realty Maps (Drafting) Reef Proj.

RATE OF PAY

DATE	WORK	OFF	FLD. BNS.	Prov.	Project or Claim	Type of Work	EXPLANATIONS
2	✓						} To Van .93-01
	✓						
5		✓					
		X					
		X					
8					EG 126.		DRAFTING MAPS.
					EG 126		
					EG/KW 126/172		1/2 day each
					KW 172		
11					KW 172		
		X					
		X					
14		X					
					BILBO 123		
					BILBO 123/131		1/2 day each
17					OZ 176		sick 176.
		X					
20		X					
					OZ		
					OZ		
23					OZ		
					OZ		
					OZ		
26		X					
		X					
					OZ		
29					OZ/DIC 124/125		1/2 day each
					OZ/DIC 124/125		" " "
					OZ/DIC 124/125		" " "
					OZ/DIC 124/125		" " "

PAYROLL DEPT. USE ONLY	
GROSS BEFORE BOARD	_____
BOARD	_____
GROSS EARNINGS	_____
DEDUCTIONS	
1) C.P.P.	_____
2) U.I.C.	_____
3) INCOME TAX	_____
4) GROUP	_____
5) M.S.A.	_____
6) ACCTS. REC.	_____
7)	_____
8) BOARD	_____
9)	_____
10)	_____
11) MID MONTH ADVANCE	_____
NET PAY	_____

TOTAL

PAYROLL DEPT. USE ONLY

PROJECT	DAYS	GROSS BEFORE BOARD	FIELD BONUS
123-01	1 1/2	200.00	
124-01	1/2	75.00	
125-01	1/2	25.00	
126-01	1	50.00	
127-01	2 1/2	125.00	
129-01	1/2	25.00	
✓ 170-01	1/2	25.00	
172-01	1/2	125.00	
176-01	8	400.00	
181-01	1/2	25.00	
	22	1100.00	

50.00.

TYPE OF WORK
PROPERTY EXAMINATION
PROSPECTING
STAKING
AIRBORN SURVEYS
LINE CUTTING
GEOLOGY
GEOPHYSICS
GEOCHEMISTRY
DIAMOND DRILLING
PHYSICAL WORK
ACCESS ROADS
CAMP OPERATIONS
FUEL HAUL

EMPLOYEE _____

APPROVED _____

DYNASTY EXPLORATIONS LTD.
 REDISTRIBUTION OF REG DAVIS Salary
 Dec 31, 1974

Prepared By:	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 SW.

	Salaries Base Jan - Nov 30	Dec 1-31 (140197)	total	Distribution
* Selwyn 141-	50,786.91	48944.0	54279.34	77818.1
Plata 151-	15401.10	1408.75	16,809.85	24099.5
Freegold 160-	21313.63	-	21313.63	30556.4
Other 101-	3785.17	-	3785.17	54264.1
* Ref. 111	33,183.88	7546.9	33,938.57	48656.2
- Bills 123	450.16	474.38	924.54	1325.4
COOT 124	233.74	-	233.74	335.1
DIDO 125	207.35	-	207.35	297.3
EG 126	1198.02	179.69	1377.71	1975.1
FC 127	287.5	-	287.5	41.2
GIB 128	358.5	-	358.5	51.4
HOT 129	138.60	535.46	674.06	966.3
ID 170	540.5	-	540.5	775.5
JUL 171	346.8	-	346.8	49.7
KIWI 172	911.97	-	911.97	1307.4
MAGIC 174	806.0	-	806.0	115.5
NEWT 175	1413.5	-	1413.5	202.6
OZ 176	1508.44	-	1508.44	216.25
POO 177	474.4	-	474.4	68.0
QUAK 178	316.3	-	316.3	45.3
Boarding 179	474.4	-	474.4	68.0
Ralph 181	146.26	327.04	473.30	678.5
Tart 182	253.00	-	253.00	36.27
	<u>130,020.02</u>	<u>8574.41</u>	<u>137,192.46</u>	<u>19,668.61</u>

includes 110, 111, 120, 121, 173
 includes all at regular rates
 only

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

170-14

NAME *Id Fuel*

CARD NO.

Schedule "E"

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
NOV 74	0	19	53.39		53.39	223.5
		<i>Less starting fuel</i>			<u>26.70</u>	
		<i>1/2 x 53.39</i>			<u>26.69</u>	

A

170-17.

NAME . . . Id- Misc Transp.

CARD NO.

scheibele H

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
30 NOV 74	0	19	7.05		7.05	177.2
30 NOV 74	0	21	9.25		16.30	186.4

A

DISTRIBUTION OF DISTRICT EXPENSE
DECEMBER 31, 1974

Prepared By: _____
Approved By: _____

A/N.	NAME.	Direct Costs to Dec. 31/74	District Expense	Schedule I
1	01-41 YUKON ORE	3797.15	198.15	
2	03-41 TYRE LAKES	8312	434	
3	107-41 K-9 SYNDICATE	1300.00	-	
4	08-41 SIERRA GORDA	32,877.99	-	
5	111-41 KEEF ORE (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	2294.36	1,197.3	
0	125-41 DIDDLE	1451.94	757.7	
1	126-41 EG	5568.54	290.59	
2	127-41 EC	692.51	361.4	
3	128-41 GIG	877.15	457.7	
4	129-41 HPT	3440.92	179.56	
5	131-41 MS	10,665.07	556.55	
6	132-41 TAP	6704.20	349.85	
7	133-41 PAS	98,531.93	5,417.9	
8	134-41 SAND/GUN	61,159.16	3,191.53	
9	135-41 BARBI	370.01	19.31	
0	136-41 LOWER ANVIL	140.82	73.5	
1	137-41 KSE	6,376.90	332.77	
2	139-41 GULL	7440.89	388.30	
3	141-41 SOLWYN ORE	49,616.34	2,589.18	
4	142-41 DEB	57.00	29.7	
5	143-41 TAM	477.84	249.4	
6	144-41 JOY/NAK	588.00	30.69	
7	145-41 HONO/BRAM	650.82	339.6	
8	147-41 FOTO	329.86	172.1	
9	149-41 MINTO	63.41	33.1	
0	151-41 PLATA	1,006,826.32	55,463	
Balance carried forward		593,136.59	29,169.13	

DYNASTY EXPLORATION LTD.
Distribution of District Expense
(continued)

Balance brought forward December 31, 1974

31	160-41	FRENCH COLD	593,136.59 155,362.45	29,169.13 18,107.44
32	165-41	SKYLINE	502,007.84	—
33	170-41	12	546.88	2854 ✓ A
34	171-41	JUG	743.83	3882
35	172-41	KIWI	7204.62	37597
36	173-41	LASS	1,138.69	5942
37	173-41	LIVINGAM	239.50	1250
38	174-41	MAGIC	965.24	5037
39	175-41	NEWT	10,133.33	5288
40	176-41	OZ	10,213.18	53297
41	177-41	POO	189.24	988
42	178-41	QUAK	238.66	1245
43	179-41	SOURDOUGH	496.36	2590
44	180-41	MCKENZIE	155.25	810
45	181-41	RALPH	1033.65	5394
	182-41	THET	10,012.57	52250
		DISTRICT EXPENSE	8,32,890.82	39,060.81

FACTOR = $\frac{\text{District Expense}}{\text{Total Direct Cost} \times (1 + \text{Factor})} = \frac{39,060.81}{832,850.82 + (39,060.81 \times \text{Factor})} = .052184$

DYNASTY EXPLORATION LTD.
DISTRICT EXPENSE SUMMARY

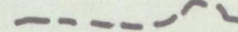
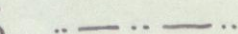
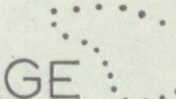
DEC 31, 1974

Prepared By:	Date:
Approved By:	

1	93-01	Salaries & Wages	✓ 1,89,887.1
2	02	Groceries	18,052.0
3	03	Travel	✓ 22,039.5
4	04	Communication	✓ 19,798.5
5	05	Stationery	2,799.0
6	06	Truck	24,444.8
7	08	Operating	✓ 20,440.4
8	09	Drafting Supplies	4,383.6
9	10	Maps & Prints	441.0
10	14	Insurance	16,150.0
11	15	Other	2,790.0
12	16	Major	✓ 15,000.0
13	19	Depreciation	✓ 54,382.2
14			
15			39,060.81
16			

KEY MAP

LEGEND

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

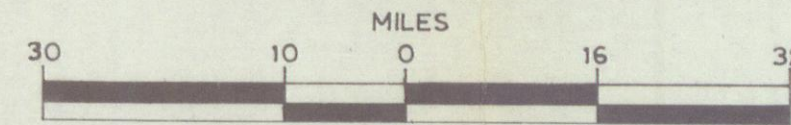
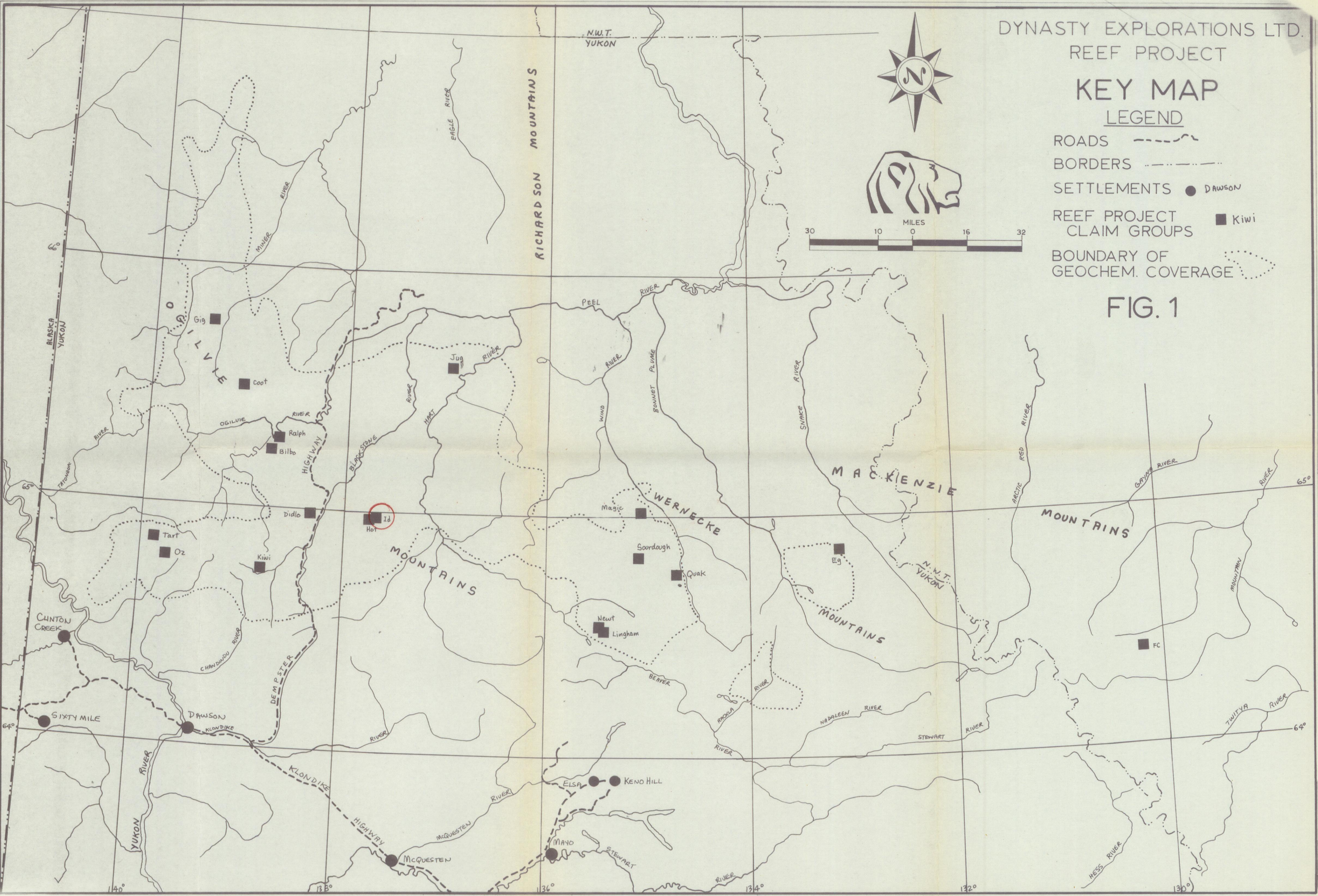


FIG. 1



DYNASTY EXPLORATIONS LTD
REEF PROJECT
ID GROUP

scale : 1" = 1320'
NTS 116 A-13
date: oct 1974



fig 2

DYNASTY EXPLORATIONS LTD
REEF PROJECT
ID GROUP(geology)

SCALE 1"=1320'

N.T.S.: 116 A-13

DATE: OCT. 1974

— / — contact
..... limit of outcrop
▨ gossan

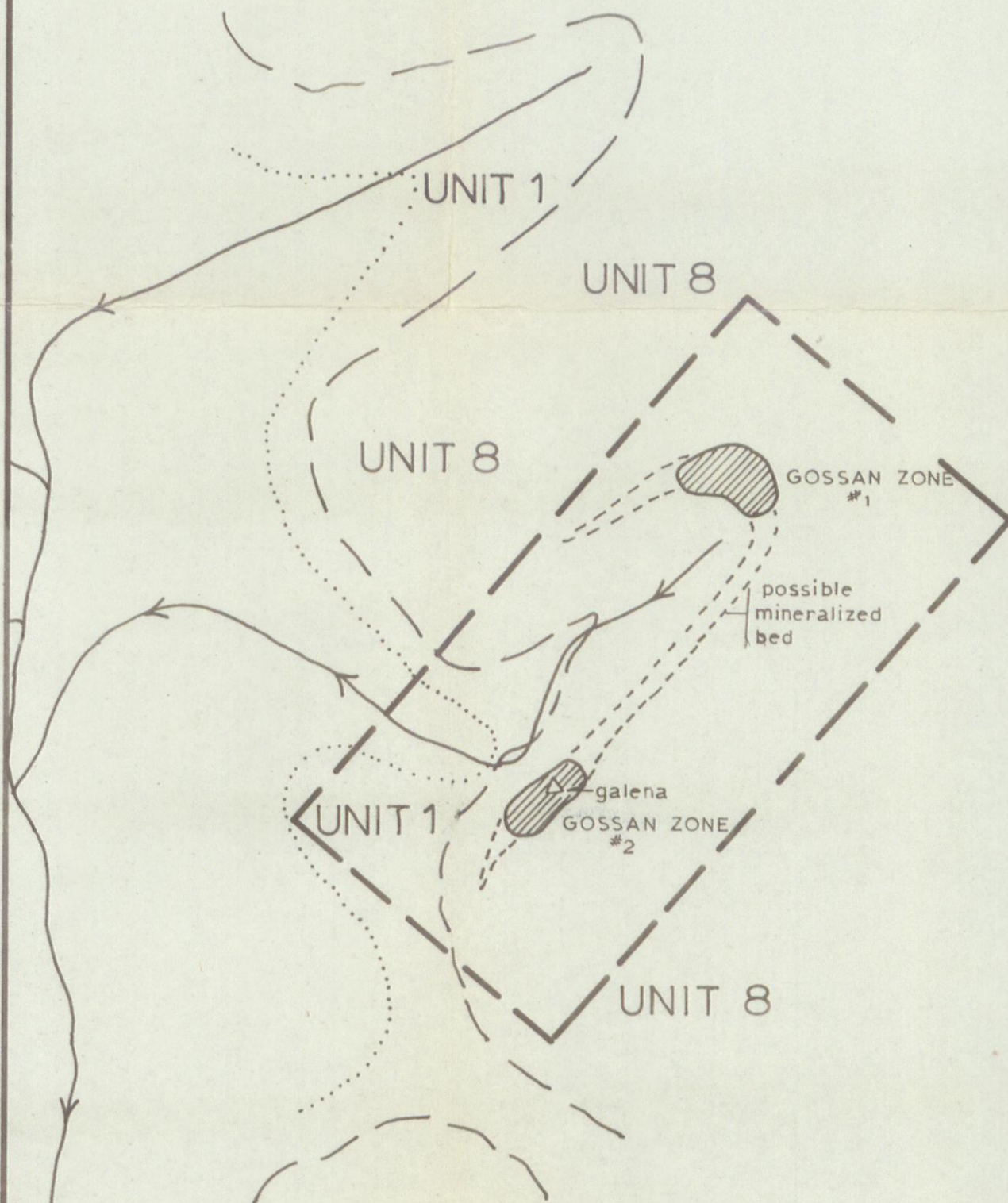


fig 3

DYNASTY EXPLORATIONS LTD
REEF PROJECT
ID GROUP (geochem)

SCALE: 1" = 1320'

N.T.S.: 116 A-13

DATE OCT 1974

X SILT

SEEP

○ ANOMOLOUS
SAMPLE

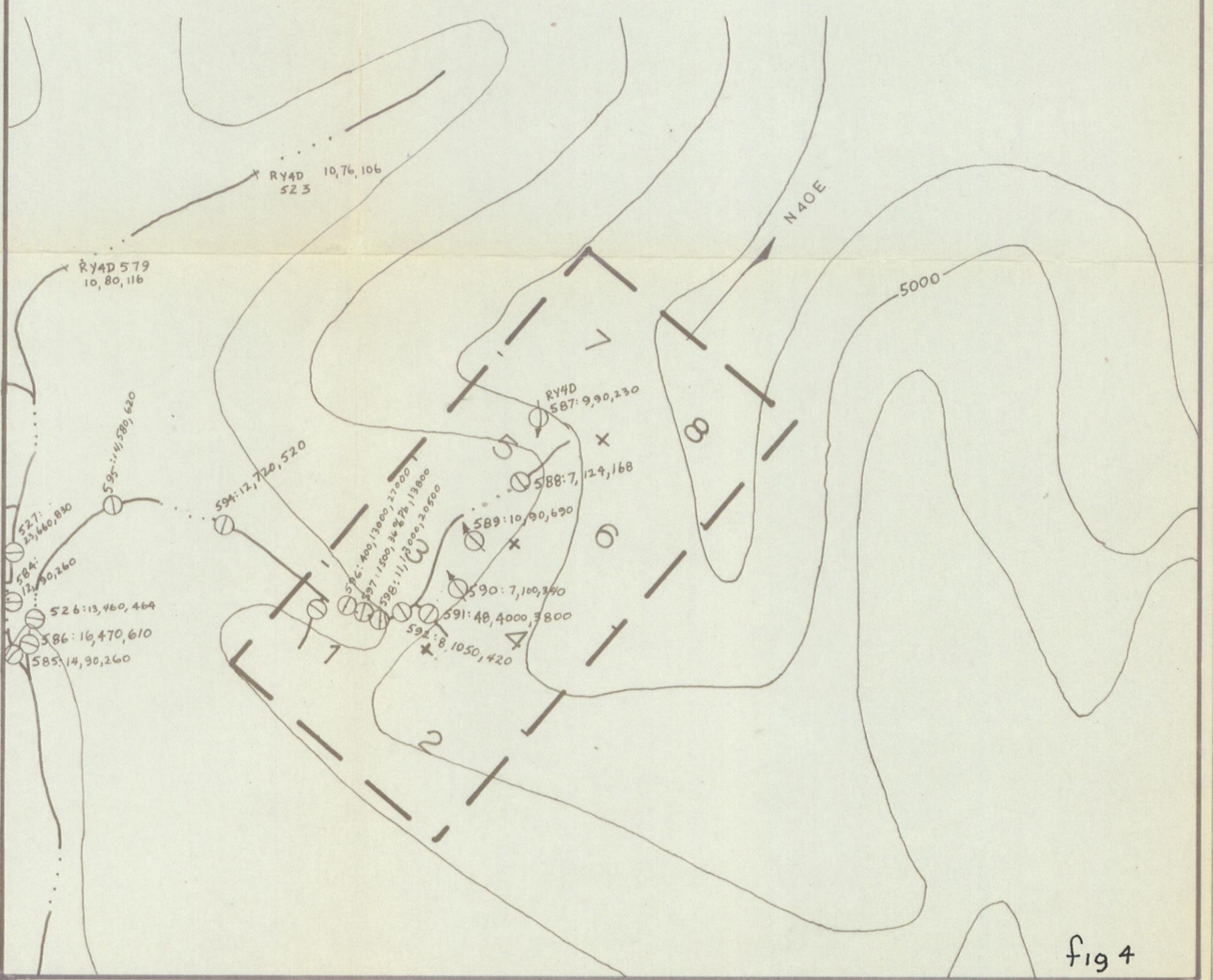


fig 4