



GEOLOGICAL REPORT

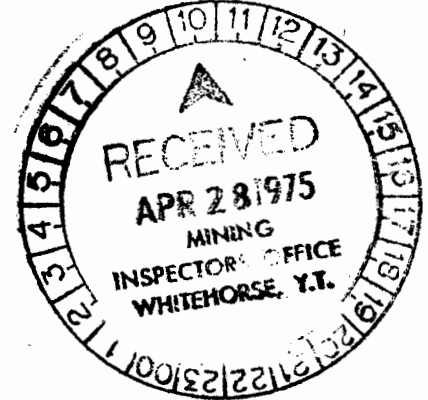
1974 FIELD WORK

MAGIC CLAIM GROUP



Mayo Mining District

N.T.S. 106-E-3



Latitude : 65°01'N.
Longitude : 135°05'W.

200 00

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

[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

DYNASTY EXPLORATIONS LIMITED

February, 1975

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LIST OF CLAIMS

<u>Claim No.</u>	<u>Grant Numbers</u>	<u>Recording Date</u>
MAGIC 1-12	Y95836-Y95847	August 9, 1975

DYNASTY EXPLORATIONS LIMITED

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

GEOLOGICAL REPORT
1974 FIELD WORK
MAGIC CLAIM GROUP

INTRODUCTION

The Magic Claims were staked during July of 1974 to cover a number of stratabound fluorite-barite-galena-sphalerite showings discovered during a geological traverse. The mineralization occurs within a limestone unit of Middle Devonian age. Only preliminary prospecting and mapping were done on the property during the 1974 season.

CONCLUSIONS AND RECOMENDATIONS

There does not appear to be enough lead and zinc associated with the fluorite-barite showings discovered during 1974 to warrant more work. The only hope for the property is that parts of the mineralized bed under overburden may be richer in galena or in sphalerite. The best way to evaluate this possibility is through geochemical sampling, backed up by prospecting, of any anomalous areas which are not related to the known sub-economic showings. If this limited program of work does not lead to any more significant showings, then the claims can be allowed to lapse. The claim group location is too remote for the fluorite or barite to ver be economically mined.

LOCATION AND ACCESS (See Figure 1)

The Magic claims are located 2 miles west of Royal Mountain, on the east bank of Royal Creek, a north-flowing tributary

of the Wind River. The claims are in the southeast corner of N.T.S. Map Sheet 106-E-3, at latitude $65^{\circ}01'N$, and longitude $135^{\circ}05'W$.

Access to the property is by helicopter from Mayo, 80 miles southwest, or by a combination of fixed wing aircraft to one of the lakes in the area, followed by helicopter to the property. The Wind River winter road passes 5 miles east of the property.

GEOLOGY (See Figure 3)

The Magic claims lie on the southwesterly dipping limb of an anticlinal structure which trends northwest. The core of the anticline, which makes up Royal Mountain, consists of competent, massive and resistant weathering carbonate formations of Ordovician to Middle Devonian age. Conformably overlying these competent grey carbonates are thin-bedded, brown, sandy limestones which weather recessively and are probably of Middle Devonian age. These impure limestones are conformably overlain in turn by very recessive, incompetent black shales which seldom outcrop and which probably underly much of the Royal Creek Valley. These shales appear to be equivalents of the Besa River Formation and are probably of Upper Devonian age.

Table of Formations

<u>Formation</u>	<u>Age</u>	<u>Lithology</u>
Besa River Formation Unit 3	Upper Devonian	Black, fissile shales, high graphite content throughout, often weathers bright red due to syngenetic pyrite. Incompetent and recessive weathering.
Unit 2	Middle Devonian	Brown, platy, argillaceous and sandy limestones. Weathers buff. Outcrops well on flanks of Royal Mountain but does not form cliffs.
Unit 1	Ordovician(?) to Middle Devonian	Massive grey limestone and minor dolomite. Abundant unidentified hexagonal corals in some sections. Weathers resistantly to form abrupt ridges and cliffs.

Mineral Showings

Several showings of barite-fluorite-Pb-Zn mineralization outcrop on the Magic claims. The showings appear to be restricted to a bed a few feet thick which occurs near the top of Unit 2. The best exposed part of the bed was visually estimated to contain 40% barite, 10% fluorite and about 1% galena and sphalerite by volume across 10 feet. The bed was traced along strike for a length of 6800 feet. Galena was found in only two locations in the bed. No fresh sphalerite was seen but hydrozincite coatings are common on most fluorite and barite rich parts of the bed, and hydrozincite pseudomorphs after sphalerite can be found in hand samples. No mineralized samples from the property have been assayed, since the apparent grade of lead and zinc is very low.

PROPOSED EXPLORATION

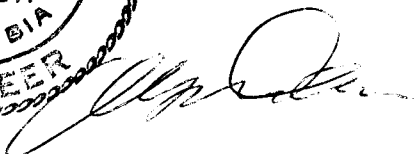
The outcropping portions of the mineral zone discovered during 1974 are sub-economic in grade and size. The only hope for the property is that thicker and higher grade sections of mineralization may occur beneath overburden on the claims. The least expensive way to investigate this possibility is soil sampling, combined with geological prospecting to look for favourable geologic features, such as tectonic breccia zones related to faulting, increased porosity due to dolomitization etc. The bed appears to be open at both ends, so this sampling and geological prospecting should be continued off the claims to the north and south. This work should only require one or two days for a crew of two men to complete.

Respectfully submitted,



Peter M. Dean

February, 1975,



QUALIFICATIONS

I, PETER M. DEAN, of 1405 - 1011 Beach Avenue, Vancouver, B.C., hereby certify that:

1. I am a graduate of the University of British Columbia, (B.Sc., Geology, 1967).
2. I have been engaged in various aspects of mining exploration in Canada since 1966.
3. I have been employed by Dynasty Explorations Limited for a total of nine years, since 1966.
4. I personally supervised work on this property during the 1974 field season.

P. M. Dean

Peter M. Dean

9 April 1975

Date

LIST OF PERSONNEL

P. Dean	Geologist	1405-1011 Beach Avenue, Vancouver, B.C.
P. Sihota	Geological Assist.	13288 - 28th Ave., Surrey, B.C.

SUMMARY OF COSTS
MAGIC CLAIM GROUP

	<u>Schedule No.</u>	<u>Total</u>
Salaries & Wages	"B"	\$ 92.15
Field Equipment & Supplies	"C"	9.97
Camp Maintenance	"D"	17.91
Fuel	"E"	26.70
Rotary Wing	"F"	145.00
Fixed Wing	"G"	43.40
Misc. Transportation	"H"	31.53
District Expense	"I"	<u>50.37</u>
		\$417.03
Administrative Charge 10%		<u>41.70</u>
TOTAL COST		\$458.73

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 (Geological Report - 1974 Field Work - Magic Claim Group) is both correct and true.

P. M. Dean

Peter M. Dean

15 April 1975

Date

Dennis A. Lattin

Notary Public in and for the
Province of British Columbia

174-01

NAME *Magic-S&W*

CARD NO.

Schedule B

DATE	Ø	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
0 SEP 74	0	11	48.97		48.97/	222.91
1 MAR 74	0	6-6-8 11	31.63		80.60	254.61
1 DEC 74	0	15	11.55		92.15	266.11

Salary + Wage summary

<i>Robert Corne</i>	<i>27.50</i>
<i>Peter Dean</i>	<i>42.58</i>
	<i>70.08</i>
<i>Non wage labor costs 15%</i>	<i>10.52</i>
<i>RBC Daves allocation</i>	<i>11.55</i>
	<u><u><i>92.15</i></u></u>

A

AT AS EXPLORATIONS LIMITED

TIME SHEET

CARNE

FOR THE MONTH OF Nov 1974

NAME _____
 TYPE OF WORK _____
 RATE OF PAY _____

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
1	175	173	NEW	LINCHHAM	Drafting 1/2 Day each.
2					
3					
4	/		NEW	LINCHHAM	" " " "
5	/		NEW	LINCHHAM	" " " "
6	/		NEW	LINCHHAM	" " " "
7	177	177		MARIE/POO	" " " "
8	177	179	TEC	QUARK/SUNDAY	1/2 Day Poo / 1/2 Day Sunday / 1/2 Day Quick Drafting
9					
10					
11					
12	179	182		SUNDAY/TEC	Drafting 1/2 Day Each
13	182			TEC	"
14				TEC	"
15				TEC	"
16					
17					
18	182	126		TEC/EG	Drafting 1/2 Day Each
19	126			EG	"
20				EG	"
21				EG	Report writing
22				EG	Drafting
23					
24					
25				EG	Report writing
26				EG	" "
27				sick	
28				EG	" "
29				EG	" "
30					
31					

PAYROLL DEPT. USE ONLY	
_____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____
GROSS BEFORE BOARD	_____
BOARD	_____
GROSS EARNINGS	_____
DEDUCTIONS	
1) CANADA PENSION	_____
2)	_____
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
63-012	2	100.00	
L 93-017	427	100.007	
126-01	9 1/2	522.50	
173-01	2.	11000	
174-01	1/2	2750	
175-01	2.	11000	
177-01	3/4	41.25	
178-01	1/2	2750	
179-01	3/4	4125	
182-01	4	220.00	
	<u>20</u>	<u>1100.00</u>	

55.00

- LABOUR CODING
- 01 PROPERTY EXAMINATION
 - 02 PROSPECTING
 - 03 STAKING
 - 04 AIRBORN SURVEYS
 - 05 LINE CUTTING
 - 06 GEOLOGY
 - 07 GEOPHYSICS
 - 08 GEOCHEMISTRY
 - 09 DIAMOND DRILLING
 - 10 PHYSICAL WORK
 - 11 ACCESS ROADS
 - 21 CAMP OPERATIONS
 - 9 -01 VANC. OFFICE - ADMIN.
 - 92-01 VANC. EXPLORATION OFFICE
 - 93-01 WHITE HORSE BASE
 - 9 -01 ROSS RIVER BASE
 - 9 -01 GEOCHEM. LAB.
 - 9 -01 BULLDOZER

EM.LOYEE _____

APPROVED _____

DYNASTY EXPLORATIONS LTD.
 REDISTRIBUTION OF REG DAVIS Salary

Prepared By	Date
Approved By	

Dec 31, 1974

Basic salary	37,499.97	
less Holiday Value (included - N.W.C.C.)	3,293.69	34,206.28
Add: Non wage labor costs 15%		5,130.94
		<u>39,337.22</u>
Redistribute 50%		<u>19,668.61</u>

Redistribution of REG DAVIS S.W.

	Jan-Nov 30	Salaries Base Dec 1-31 (140,197)	Total	Distribution
Solwyn 141	50,786.91	48,944.0	54,279.34	7,781.81
Plata 151	15,401.10	14,087.5	16,809.85	2,409.95
Freegold 160	21,313.63	-	21,313.63	3,055.64
Other 101	3,785.17	-	3,785.17	542.64
Raf. cov 111	33,183.88	7,546.9	33,938.57	4,865.62
- Gilbo 123	450.16	474.38	924.54	132.54
COOT 124	233.74	-	233.74	33.51
DIDLO 125	207.35	-	207.35	29.73
EG 126	11,980.2	1,796.9	13,777.1	1,975.1
FC 127	287.5	-	287.5	41.2
GIB 128	358.5	-	358.5	51.4
HOT 129	1,386.0	5,354.6	6,740.6	966.3
ID 170	540.5	-	540.5	77.5
JUL 171	346.8	-	346.8	49.7
KIWI 172	911.97	-	911.97	130.74
MAGIC 174	806.0	-	806.0	115.5 ✓
NEWT 175	1,413.5	-	1,413.5	202.6
OZ 176	15,084.4	-	15,084.4	2,162.5
POO 177	474.4	-	474.4	68.0
QUAKE 178	316.3	-	316.3	45.3
Roundhgh 179	474.4	-	474.4	68.0
Ralph 181	146.26	3,270.4	4,733.0	678.5
Tart 182	2,530.0	-	2,530.0	362.7
	<u>130,020.02</u>	<u>85,744.1</u>	<u>137,192.46</u>	<u>19,668.61</u>

includes 110, 111, 112, 113
 + includes all at present status
 and 04/

FACTOR = $\frac{19,668.61}{137,192.46} = .14336$

NAME . . . *Magre + Fuel*

CARD NO.

schedule E

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
01 174	0	19	9878		9878	2729
		<i>Less staking fuel</i>			<i>72.08</i>	
		<i>2.7</i>			<i>72.08</i>	
		<i>3.7</i>			<u><i>26.70</i></u>	
						<i>A</i>

174 -15.

NAME MAGIC - R.W.

CARD NO.

schedule "F"

DATE	Ø	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
1 JUL 74		DTNFA 24.47 37° <u>2.7</u> 1.0 Less staking cost	53650	2.7 staking & soil sampling, 1.0 prospecting.	53650 <u>-391.50</u> <u>145.00</u>	71061

A



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

ACCOUNT NUMBER	895
7295	
INVOICE DATE	23/07/74
A/C TYPE	G3B2GTNB
FLIGHT DATE	17/07/74
PURCHASE ORDER NO.	

DYNASTY EXPLORATIONS
 CHARTERER
 P.M. 330 355 BARRARD
 BILLING ADDRESS
 VANCOUVER

FUEL & OIL - TINTA	CUST. <input checked="" type="checkbox"/>	TNTA FUEL USED	HRS.-GALS.	FROM
--------------------	---	----------------	------------	------

FROM	MILES	HOURS	ZONE	FREIGHT LBS.	NO. OF PASS. - REMARKS
HART LAKE					
TO PENGUICULA		6.5			SOIL SAMPLING
RTN					STAKING
126-15	406	00			MAGIC CLAIMS
174-15	536	50			OR CHARGE TO EG CLAIMS
	942	50			2.8 hrs. TO EG CLAIMS
					CAMP MOVE

SUB	G.L.	AMOUNT
310572		942.50

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
Brian Robertson
 PILOT'S SIGNATURE
J. Anderson
 ENGINEER'S NAME

INVOICE
 \$ 942.50

NE MTZ...
 232...
 10/2/74

...
 ...
 ...

174-16-

NAME *Magic - FW*
.....
.....
.....

CARD NO.

schedule "G"

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
101 V74	0	19	4340		4340	217.5

A

174-17.

NAME . . . *Magie - Misc. Transp*

CARD NO.

schedule H

DATE	φ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
30 NOV 74	0	19	1304		1304	187.2
01 NOV 74	0	21	1849		3153	205.7

A

UNITED STATES DISTRICT COURT
 DISTRICT OF DISTRICT EXPENSE

DECEMBER 31, 1974

Prepared By

Approved By

A/N.	NAME.	Direct Costs to Dec. 31/74	District Expense	Schedule I
1	101-41	YOKON OEX	3797.15	198.15
2	103-41	TYRE LAKES	8312	434
3	107-41	K-S SYNDICATE	130000k	-
4	108-41	SIERRA GORJA	32,877.99k	-
5	111-41	REEF OEX (includes 110, 111, 120)	186,406.02	19727.83
6	121-41	KEG	179.40	936
7	122-41	ALP	453	24
8	123-41	BILBO	4,164.39	21731
9	124-41	COOT	229436	11973
10	125-41	DIDLO	1451.94	7577
11	126-41	EG	5568.54	29059
12	127-41	FC	692.51	3614
13	128-41	GIG	877.15	4577
14	129-41	HOT	3440.92	17956
15	131-41	MS	10,665.07	55655
16	132-41	TAP	6704.20	34985
17	133-41	PAS	98,531.93	514179
18	134-41	SAND/GUN	61,159.16	319153
19	135-41	BARBI	370.01	1931
20	136-41	LOWER ANVIL	140.82	735
21	137-41	KSE	6376.90	33277
22	139-41	GULL	7440.89	38830
23	141-41	SOLWYN OEX	49,616.34	258918
24	142-41	DRA	5700	297
25	143-41	TAM	477.84	2494
26	144-41	JOY/ATAX	588.00	3069
27	145-41	HANO/BRAM	650.82	3396
28	147-41	FOTO	329.86	1721
29	149-41	MINTO	63.41	331
30	151-41	PLATA	106,826.32	557463
Balance carried forward			593,136.59	29,169.13

DYNASTY EXPLORATION LTD.
Distribution of District Expense
 (continued)

I

Balance brought forward December 31, 1974

			29,169.13
31	160-41	FRESH COLD	18107.44
32	165-41	SKYLINE	—
33	170-41	13	2854
34	171-41	JUG	3882
35	172-41	KIWI	37597
36	173-41	ASS	5942
37	173-41	LINGHAM	1250
38	174-41	MATIC	5037 ✓ A
39	175-41	NEWT	5288
40	176-41	OZ	53297
41	177-41	POO	988
42	178-41	QUAK	1245
43	179-41	SOURDOUGH	2590
44	180-41	MCKENZIE	810
45	181-41	RALPH	5394
	182-41	TRKT	52250
			<u>3906081</u>
		DISTRICT EXPENSE	3906081

FACTOR = $\frac{\text{District Expense}}{\text{Total Direct Cost} - (9.5\% \times 107 \times 108)} = \frac{3906081}{832,890.82 - (130000 \times 32.57799 + 50,200 \times 78)} = .052184$

DYNASTY EXPLORATION LTD.

DISTRICT EXPENSE SUMMARY

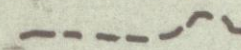



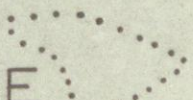
DEC 31, 1974

Prepared By:	Date:
Approved By:	

	1	2	3	4	5	6	7
1	93-01	Salaries & Wages	✓	1898871			
2	02	Groceries		180520			
3	03	Travel	✓	220395			
4	04	Communication	✓	197985			
5	05	Stationery		27990			
6	06	Truck		244448			
7	08	Operating	✓	204404			
8	09	Drafting Supplies		43836			
9	10	Maps & Prints		4410			
10	14	Insurance		161500			
11	15	Other		27900			
12	16	Major	✓	150000			
13	19	Depreciation	✓	543822			
14							
15				3906081			
16							

KEY MAP

LEGEND

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

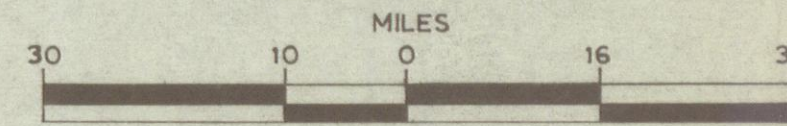


FIG. 1

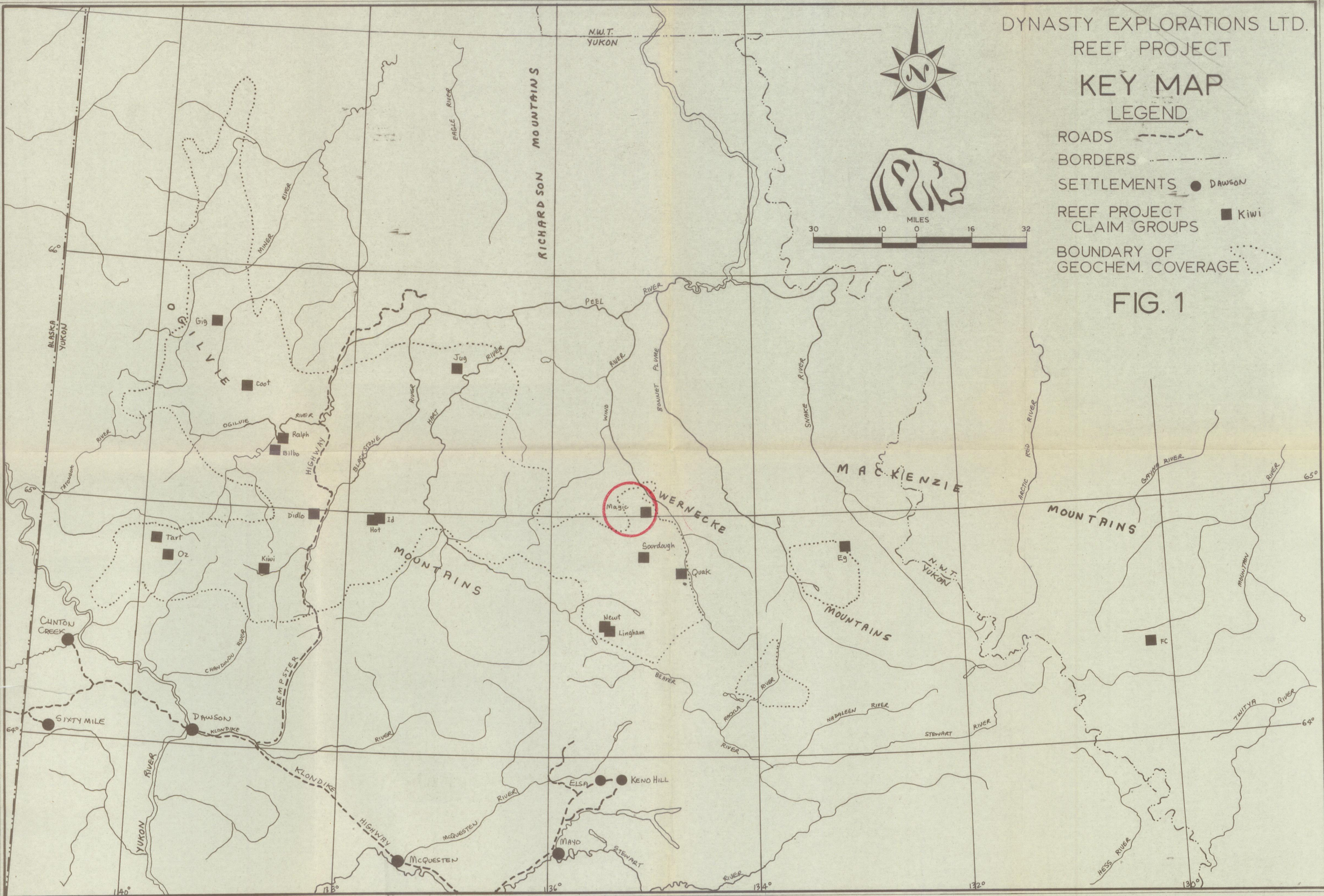
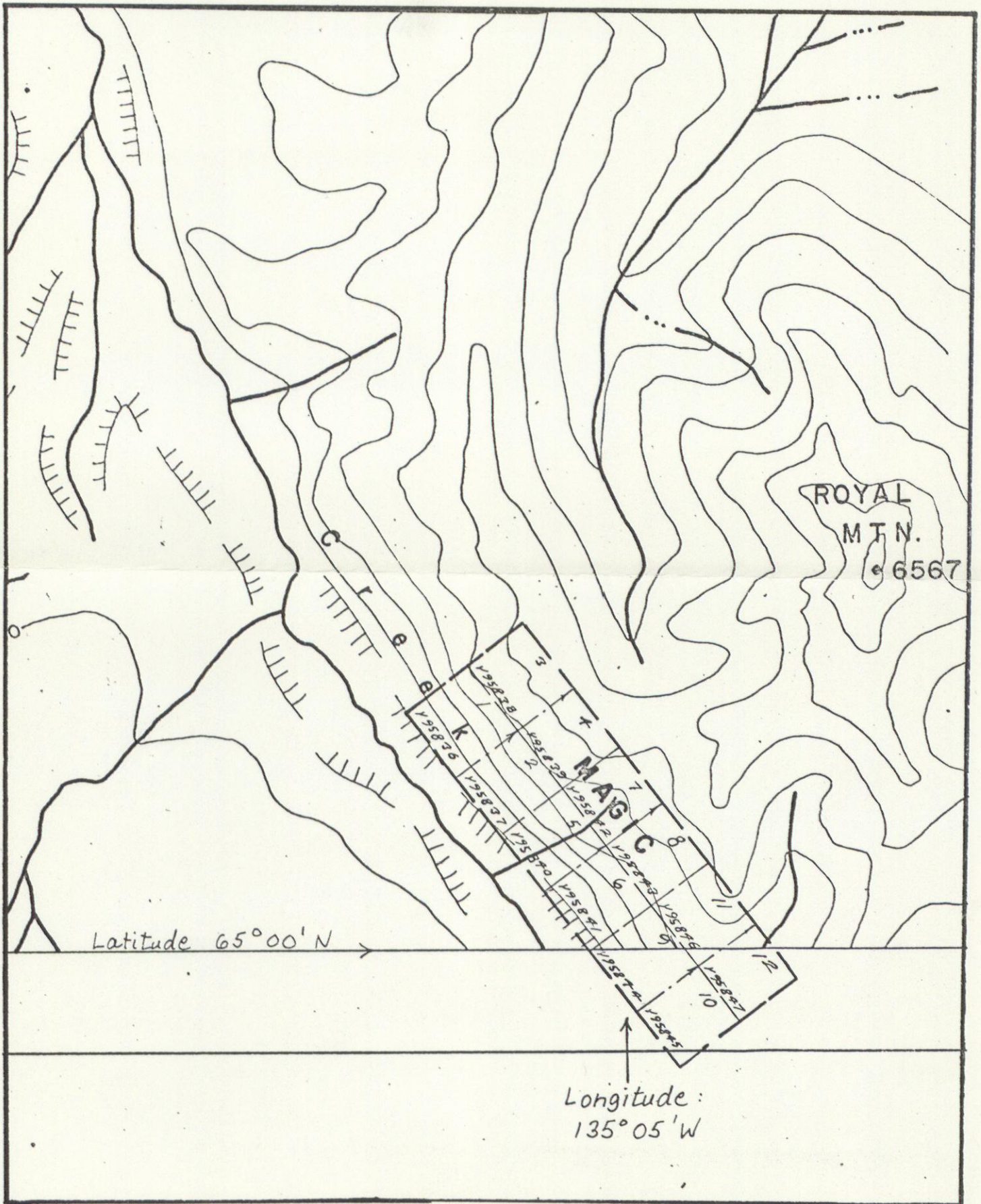


Fig 2: MAGIC CLAIMS: 1" : 2640 FT



LEGEND

- CLAIM OUTLINE
- - - GEOLOGIC CONTACT
- ▲ MINERALIZED ROCK

ABBREVIATIONS

Ba	BARITE	H ₂ Hydrozincite
Fl	FLUORITE	
Ga	GALENA	
Cu	COPPER	
Fit	FLOAT	

SCALE : 1" = 1320'
 N.T.S. : 106 E-3
 DATE : NOV. 1974
 C.I. = 500'

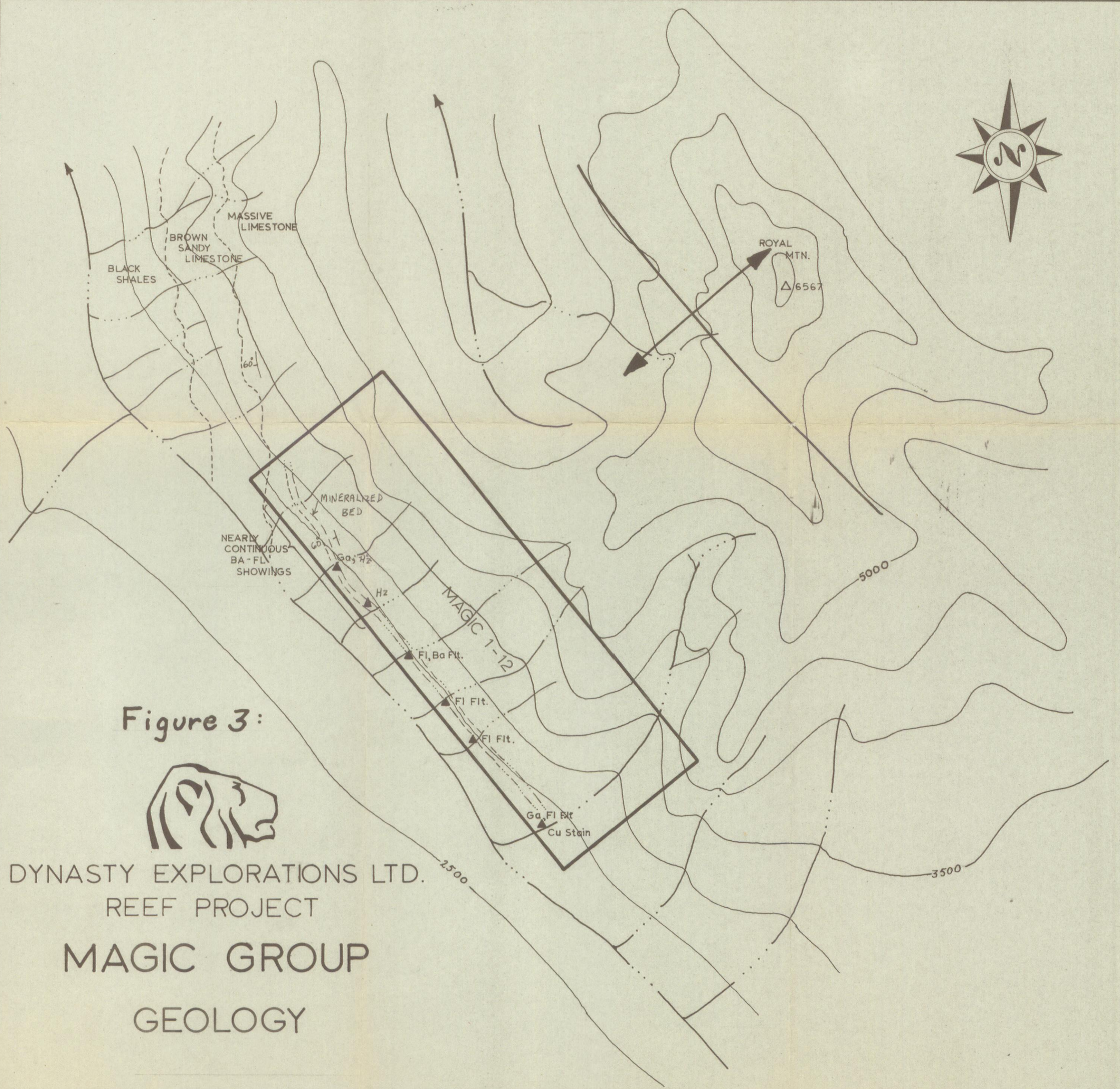
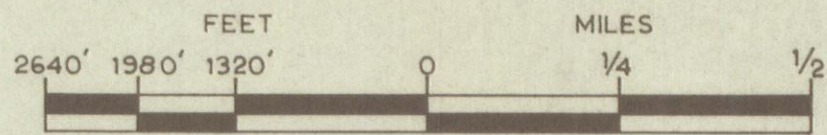


Figure 3:



DYNASTY EXPLORATIONS LTD.
 REEF PROJECT

MAGIC GROUP
 GEOLOGY