REPORT ON FIELD WORK 1974

MS CLAIM GROUP

Watson Lake Mining District

N.T.S. 105-J-16

Latitude : 62°46'N
Longitude : 130°11'W

Field work carried out in
the period June 13-24, 1974

By:

S. L. McLennan

DYNASTY EXPLORATIONS LIMITED

Novemer, 1974

TABLE OF CONTENTS

ILLUSTRATIONS

LIST OF CLAIMS

Claim	Claim Number	Grant Number	Recording Date
MS	10-21	Y73710-Y73721	July 25, 1973
MS	30-41	Y73722-Y73733	July 25, 1973
MS	60-73	Y73734-Y73747	July 25, 1973
MS	90-101	Y73748-Y73759	July 25, 1973

TELEPHONE 685-4331

DYNASTY EXPLORATIONS LIMITED

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

REPORT ON FIELD WORK 1974
MS CLAIM GROUP

INTRODUCTION

General

The MS Group was staked by Dynasty Explorations in 1973 following the discovery of some minor copper showings. Preliminary geochemical sampling and the presence of an aeromagnetic defined granitic stock warranted further work on the property in 1974.

Following the recommendations of Colin Godwin in his report covering the work done in 1973 on the MS claims*, a grid was established on the southern half of the MS claim group. The work was carried out between June 13th and June 24th, 1974. Work done consisted of mapping on a 1"= 400' scale, geochemical sampling and a magnetometer survey. Results of these investigations were disappointing.

Location and Access

The 50-claim MS Group is located approximately 92 miles northeast of Ross River in Yukon Territory, on N.T.S. Sheet 105-J-16, near $62^{\circ}46'$N and $130^{\circ}11'$W. The property, almost entirely below treeline and 50 percent swampy meadow, is at an average elevation of approximately 4,000 ft.

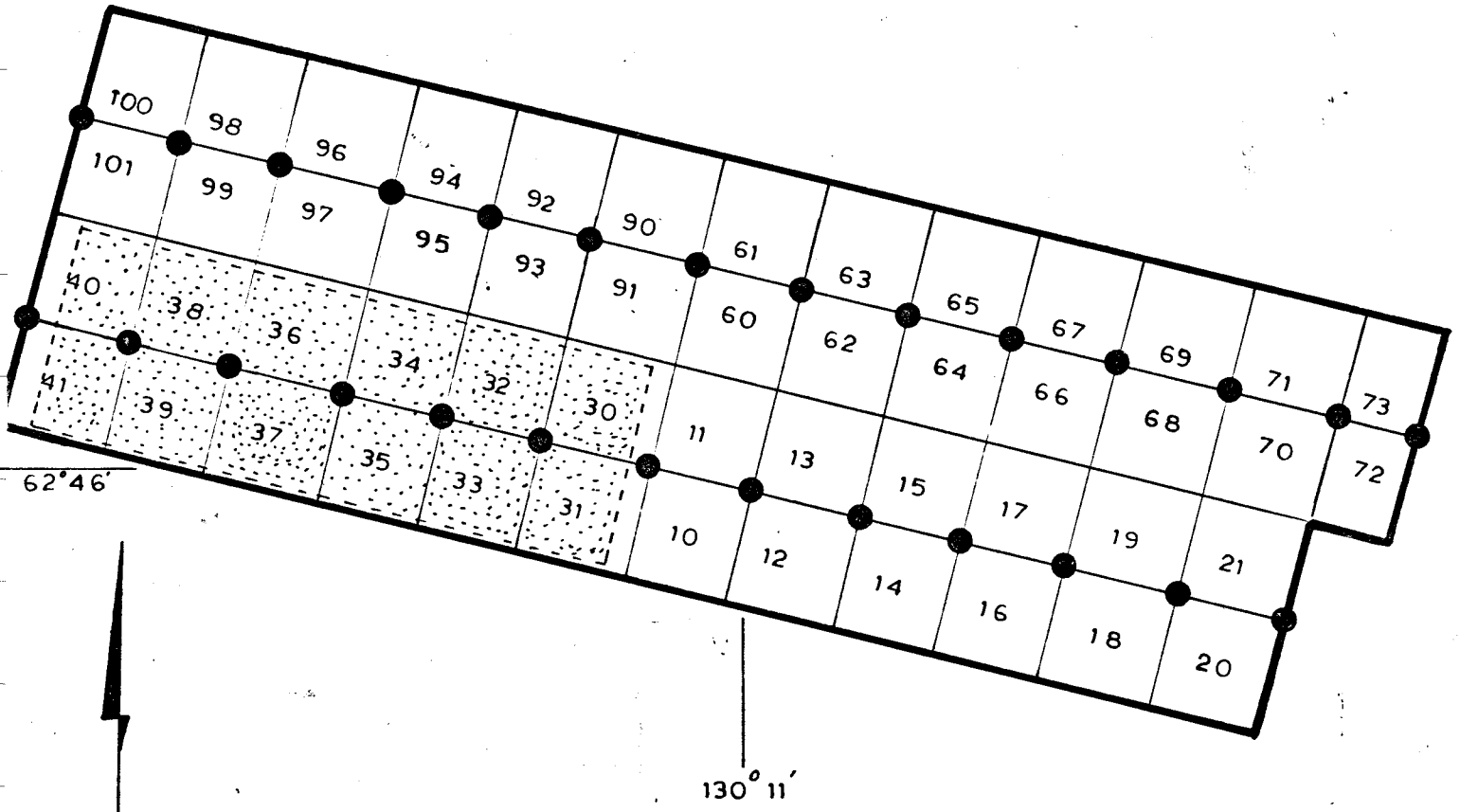
Access to the property in 1974 was by helicopter from Mile 250 on the North Canol Road, where a base camp was established. The distance from base camp to property was about 12 miles.

* Geochemical Report - MS Claim Group, N.T.S. 105-J-16, by Colin I. Godwin, December, 1973, p.22.

DYNASTY EXPLORATIONS LTD

MS GROUP

105J - 16



LEGEND

N

claim outline

grid outline

claim post

1/2 claim line, name

Scale: 1 in = 1/2 mi.

0 1/2 1mi.

FIGURE 1

LINECUTTING

A grid with a 9,600 ft. east-west trending base line was established on the southern half of the claim group. The grid was established by cutting line and placing pickets every 100 ft. Chain and compass were used for measurement and direction control. Cross lines were run off at 400 ft. intervals along the base line and extended 1400 ft. on either side of the base line. A total of 15 line-miles were cut on the grid. Location of the grid may be seen on Figure 1.

GEOLOGY

Regional

The Geological Survey of Canada divides the four rock types encountered in the claim area into two main units*, Unit 18 and Unit 19.

Unit 18 is dated as Devonian and Mississippian. It is a unit consisting of mostly shale and chert. Near intrusive contacts the rock is hornfelsic and forms deep rusty red aureoles around the rock. The shales and cherts are interbedded but proportions vary. Locally, beds of quartzite, platy limestone and conglomerates occur but none of these were seen on the MS claims.

Total thickness of the unit is estimated at 10,000 ft. Structurally the unit has undergone much folding and crumbling but the rocks in the claim area do not exhibit this intensity.

Unit 19 is composed of the two intrusive units encountered in the claim area. It is dated by Roddic, Green and Blusson as Cretaceous (?) and is described a medium to coarse grained quartz monzonite and granodiorite which is commonly porphyritic.

* Map 8-1967, Geology-Nahanni, District of Mackenzie and Y.T., 105-I - by L.H. Green, J.H. Roddic 1960 and S.L. Blusson 1962, 1966.

In the map areas, the intrusive appeared to be more syenitic as there was very little quartz to be seen in the rock. This is probably due to local compositional variation mentioned by Roddick et al. Roddick et al also limit the occurrence of pyrite and hornfels to within a few tens of feet of the shale-hornfels and intrusive contact but this was not the case on the MS, where hornfelsic rock and pyrite was found all over the property. Pyrite (and pyrrhotite) was, however, more concentrated near or at the contact.

Mineral deposits in the map area seem related to intrusive-shale contacts and contain molybdenum, tungsten and copper minerals. The MS group is tied on to the Fox Group held by Canex-Placer Ltd. on an option. Skarn-type molybdenum-tungsten and copper mineralization has been reported on the Fox claims.

TABLE OF GEOLOGIC UNITS

Age	Description
Devonian & Mississippian	Consists chiefly of chert and shale. Cherts are grey or black with some local variations in colour. Shales and cherts are interbedded in varying proportions. The lower part of the unit (about 7000 ft. thick) is dominantly shaley and the upper part is dominantly cherty. Total thickness is about 10,000 ft. Locally thin beds of limestone, quartzite and conglomerate occur.
Cretaceous(?)	Granitic stocks which are located chiefly in the Itsi Range and south of the Pelly Lakes. Commonly they are biotite, granodiorite but composition and texture vary. Locally large potassium feldspar crystals and significant amounts of hornblende occur. Locally hornfels and minor pyrite occur near contacts.

Property Geology

There are four main rock types in the area. These are:

(i) a hornfels-shale unit;
(ii) a black chert;
(iii) an even-grained intrusive; and
(iv) a porphyritic orthoclase feldspar intrusive.

(i) Hornfels-Shales

This is a unit of interbedded hornfels and shales. Hornfels appears to be more abundant near the hornfels-shale unit's contacts with the intrusives. Mineralization appears to be confined to this unit. Enrichment by remobilization of pyrrhotite and pyrite is evident near the hornfels-shale and intrusive contact. Occurrence of copper, molybdenum and tungsten minerals appears to be unrelated to contacts.

(ii) Black Chert

This black chert is interbanded with the hornfels-shale unit. The chert may be in lenses as it seems to appear randomly throughout the hornfels-shale unit. Sulphides do not appear to be associated with the chert as none were found in the chert rock.

(iii) Even-grained Intrusive

This unit is located in the southwest portion of the grid. It is a stock surrounded by the hornfels-shale unit. It is an even-grained syenitic rock with biotite-muscovite alteration. The unit is devoid of visible sulphides.

(iv) Porphyritic Orthoclase Feldspar Intrusive

Located in the northern and northeastern part of the gird, this unit is characterized by large feldspar

laths up to 2 inches long. Compositionally, the rock could be classed as a syenitite. It is devoid of sulphides and is unlikely as the source of mineralization in the hornfels-shale. It probably has had a remobilizing effect on the pyrite-pyrrhotite in the contact area.

Generally speaking, alteration of the intrusives is minor and is limited to minor mica alteration and a very thin chill margin. The intrusives have altered the sedimentary rocks into the hornfels unit and have probably caused the local remobilizing of sulphides along bedding and fracture planes.

Structurally, it would appear that there is at least one phase of folding trending east-westerly and plunging east. Limbs appear to dip more steeply to the south than to the north.

The large amount of intrusive action in and around the area has undoubtedly contributed to the folding, making it likely that there is more than one fold phase. The presence of faulting in the area also may have contributed to, or be coincidental with, folding.

GEOCHEMISTRY

Approximately 700 samples were taken on the MS grid. These samples were analyzed for copper, molybdenum, and tungsten at the Acme Analytical Laboratories Ltd., lab at Ross River, Y.T. (Head office at 6455 Laurel Street, Burnaby 2, B.C.).

Samples were dried and then screend. The minus 80 mesh fraction was retained for analysis. Sample digestion was in hot aqua regia and analysis was by atomic absorption procedures.

Samples were taken at 100 ft. intervals along the cross lin es of the grid.

Results of the geochemical investigation were disappointing. Anomalies of copper and molybdenum were approximately coincident but scattered and of limited continuity. Tungsten anomalies were few, scattered and predominately spot values of one or two samples at the most. It is concluded that these anomalies reflect only variations in background and not any significant economic mineral occurrences.

Contoured maps showing copper, molybdenum and tungsten values and anomalies may be seen on Maps 2, 3 and 4 respectively. Contours are based upon lognormal probability anomalous values determined by Colin Godwin in this 1973 report on the MS Group.

MAGNETOMETER SURVEY

For the magnetometer survey, a Sharpe MF-1 magnetometer was used. This is a hand-held fluxgate magnetometer which measures the vertical magnetic component. The range of this instrument is 0 to 100,000 gammas over five sensitivity ranges, the lowest being 10 gammas per scale division. The instrument reads directly in gammas. No conversion factor is necessary.

Approximately 80,000 ft. of magnetometer survey was conducted over the MS grid. Readings were taken at 100 ft. intervals on the cross lines and at 200 ft. intervals along the base line.

An arbitrary 1000 gammas was added to field readings in order to eliminate negative values. Values ranged up to a 8170 maximum peak value with background being in the 1000 to 1100 gamma range.

Isogmagnetic contouring of gamma values reveals a magnetic anomaly in the northeastern portion of the grid. This is in the area of the porphyritic orthoclase fledspar intrusive's contact with the hornfels-shale. A fault zone may also be in this area.

Interpretation

It is probable that the large anomaly reflects the relatively high pyrrhotite content in the dark hornfels-shale rock of this area. This anomaly also appears to roughly follow the contact and the fault zone in a northwesterly direction, indicating that the contact (and/or the fault) is a controlling factor for the magnetic mineral concentrations. There is no evidence indicating that the contacts or faults are a controlling factor for the economic minerals (copper, molybdenum, tungsten).

Results of the magnetometer survey and contoured anomalous values may be seen on Map 5.

CONCLUSIONS AND RECOMMEDNATIONS

On the basis of the 1974 exploration results, the MS Group does not merit further investigation. The magnetometer anomaly appears to be related to pyrrhotite in the hornfels-shale unit which has been locally enriched in a contact-fault area possibly as a result of remobilization of pyrrhotite along bedding planes to local concentrations. Geochemical anomalies of copper, molybdenum and tungsten are spotty and show no continuity or characteristics that would justfy any further follow-up work.

Respectfully submitted,

S. L. McLennan

S. L. McLennan

November, 1974

Appendix I

LIST OF PERSONNEL

T. J. Adamson	Project Geologist	Vancouver, B.C.
S. L. McLennon	Field Geologist	Vancouver, B.C.
F. Daly	Student Assistant	Vancouver, B.C.
B. Benmore	Student Assistant	Vancouver, B.C.
B. Downs	Student Assistant	Windsor, Ontario
D. Londry	Student Assistant	Windsor, Ontario

SUMMARY OF COSTS
MS CLAIM GROUP

	Schedule No.	Total
Salaries and Wages	"B"	$ 2,799.42
Assays	"C"	2,644.21
Field Equipment & Supplies	"D"	235.97
Camp Maintenance	"E"	1,395.43
Fuel	"F"	263.01
Rotary Wing	"G"	1,583.03
Fixed Wing	"H"	96.11
Misc. Transportation	"I"	376.64
		$ 9,393.82
District Expense - 5%		469.69
		$ 9,863.51
Administration - 10%		986.35
	TOTAL EXPENDITURES	$10,849.86

Note: Copies of invoices in excess of $200.00 have been included. Copies of other invoices will be provided upon request.

TELEPHONE 685-4331

Appendix III

DYNASTY EXPLORATIONS LIMITED

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

AFFIDAVIT SUPPORTING SUMMARY OF COSTS

I, S. L. McLENNAN, 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 (Report on Field Work 1974 - MS Claim Group) is both correct and true.

S. L. McLennan

Date

Notary Public in and for
the Province of British Columbia,

Appendix IV - Vouchers Support. Summary of Costs

131-01

NAME . . . MB - . . . Wages . . . .

CARD NO.

Schedule B.

DATE	ϕ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
31 MAY 74	0	11	9275		9275	22376
JUN 74	0	11	21980✓		229255	242356
31 JUL 74	0	11	3747		233002	246103
31 AUG 74	0	11	39034✓		272036	285137
31 OCT 74	0	18	7906		279942	293043

Summary of Salaries & Wages

Name	Total
Tom Adamson	596.66
George Banmire	325.90
Fred Daley	325.00
Robert Downs	280.00
Doug Landry	169.98
Larry McLennan	667.99
	2365.53
Non Wage Labour Costs @ 15%	354.83
	2720.36
Distributed Wages	79.06
	2799.42 To "A"

S.R. 4/60

131 - 11

NAME MS - Assays

CARD NO.

Schedule C

DATE	ϕ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
8 JUL 74	0	ACME 2608	2644.21 ✓		2644.21	27753 2
					To "A"	

131-12

NAME MS - Field Equip & Supp

CARD NO.

Schedule D

DATE	ϕ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
7 JUN 74	0	AR-STORE 2558	1658		1658	14770
7 JUN 74	0	2558	5347		7005	20117
7 JUN 74	0	2558	1495		8500	21612
7 JUN 74	0	2558	1488		9988	23100
0 JUN 74	0	2558	349		10337	23449
27 SEP 74	0	T. Adamson 2797	4086		14423	27535
31 OCT 74	0	18	9174		23597	36709

To "A"

E.P.–4/69

131-13

NAME MS- Camp Maint.

CARD NO.

Schedule E

DATE	ϕ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
27 JUN 74	0	R-R STORE 25.58	15.79		15.79	146.92
7 JUN 74	0	25.58	45.90		61.69	192.82
7 JUN 74	0	25.58	167.50		229.19	360.32
27 JUN 74	0	25.58	190.65		419.84	550.97
7 JUN 74	0	25.58	132.99		552.83	683.96
7 JUN 74	0	25.58	221.17 ✓		774.00	905.13
JUN 74	0	25.58	97.84		871.84	1002.97
0 JUN 74	0	25.58	315.57 ✓		1187.41	1318.54
0 JUN 74	0	25.58	207.69 ✓		1395.10	1526.23
0 JUN 74	0	✓ 25.58	33		1395.43	1526.56

To "A"

131-14.

NAME MS Fuel

CARD NO.

Schedule F

DATE	ϕ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
JUN 74	0	5	60.00		60.00	191.14
31 JUL 74	0	Journal Pass 2686	38.52		98.52	229.66
31 JUL 74	0	2		60.00	38.52	169.66
31 OCT 74	0	18	F1 224.49 ✓		263.01	394.15

To A

131-15

NAME MS. Rotary Wing

CARD NO.

Schedule G

DATE	ϕ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
30 JUN 74	0	TNTA 2556	29000 /2.0		29000	4211
30 JUN 74	0	2556	29000 /2.0		58000	7111
30 JUN 74	0	2556	29000 /2.0		87000	10011
30 JUN 74	0	2556	87.00 .6		95700	10881
30 JUN 74	0	2556	87.00 .6		104400	11751
30 JUN 74	0	2556	87.00 .6	10.7 x 145.00 = $1,551.50	113100	12621
30 JUN 74	0	2556	87.00 .6		121800	13491
30 JUN 74	0	2556	3335.0 /2.3 10.7		155150	16826
31 OCT 74	0	18	3153		158303	17141

To "A"

131-16

NAME MS - FW

CARD NO.

Schedule H

DATE	ϕ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
31 OCT 74	0	18	F, 9611		9611 To "A"	227.2

E.P.–4/69

131-17

NAME MS - Misc Transp

CARD NO.

Schedule I

DATE	ϕ	REFERENCE NO.	DEBIT	CREDIT	BALANCE	PROOF
31 MAY 74	0	SMITH TRAN. 24.45	56.50		56.50	187.6
1 MAY 74	0	SMITH TRAN. 24.45	56.50		113.00	244.17
JUN 74	0	5	28.50		141.50	272.67
8 JUL 74	0	CANAL PET. 26.09	57.00		198.50	329.67
31 JUL 74	0	2		28.50	170.00	301.17
27 SEP 74	0	T. ADAMSON 27.97	115.28		285.28	416.45
31 OCT 74	0	18	91.36		376.64	507.81

To "A"

DYNASTY EXPLORATIONS LTD

MS CLAIM GROUP GEOLOGY

MAP 1

Selwyn project 1974

Legend:

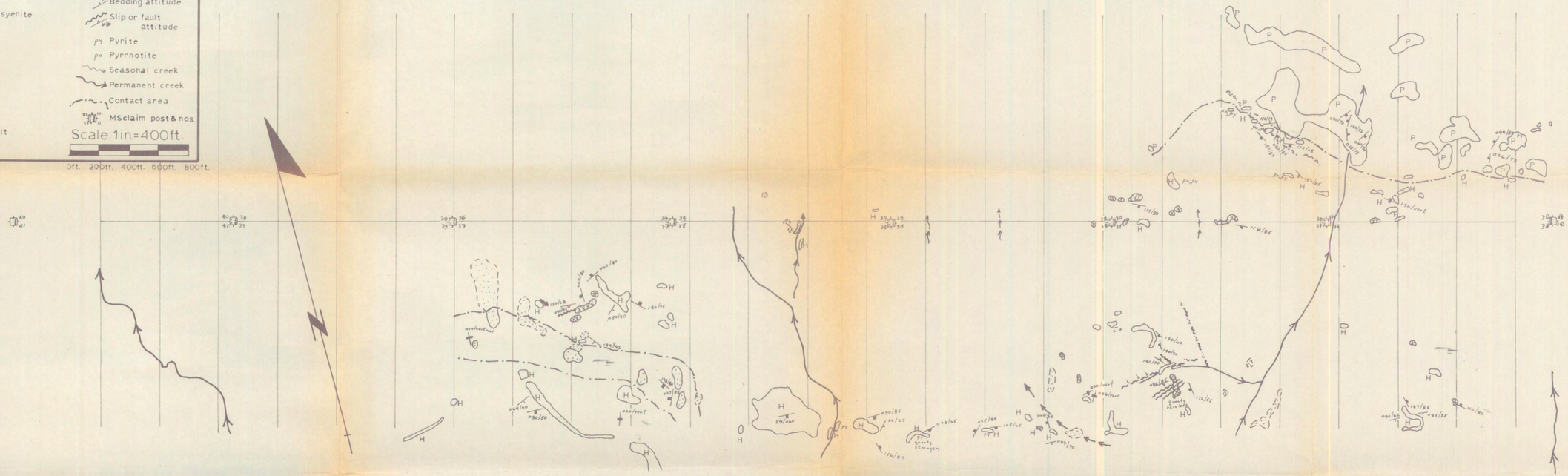
Cretaceous
- Even-grained intrusive (syenite?)
- P — Porphyritic K-spar syenite

Devonian & (?) Mississippian
- H — Hornfels & shales
- Black chert
- Float
- Outcrop
- Slip or fault
- Possible slip or fault

- Fold axis trend
- Joint attitude
- Bedding attitude
- Slip or fault attitude
- py Pyrite
- po Pyrrhotite
- Seasonal creek
- Permanent creek
- Contact area
- MSclaim post & nos.

Scale: 1in = 400ft.

0ft. 200ft. 400ft. 600ft. 800ft.



Line100E
Line104E
Line108E
Line112E
Line116E
Line120E
Line124E
Line128E
Line132E
Line136E
Line140E
Line144E
Line148E
Line152E
Line156E
Line160E
Line164E
Line168E
Line172E
Line176E
Line180E
Line184E
Line188E
Line192E
Line196E

114N

BL100N

86N

DYNASTY EXPLORATIONS LTD

MS Claim Group - Geochem Grid

20, 5, 3 Copper, molybdenum, tungsten values in parts per million

Soil sample

* Rock sample

. Silt sample

MAP 2

copper contours

0ft 200ft 400ft 800ft

Scale: 1 inch = 400 feet 1974

Line100E
Line104E
Line108E
Line112E
Line116E
Line120E
Line124E
Line128E
Line132E
Line136E
Line140E
Line144E
Line148E
Line152E
Line156E
Line160E
Line164E
Line168E
Line172E
Line176E
Line180E
Line184E
Line188E
Line192E
Line196E

114N

BL100N

86N

DYNASTY EXPLORATIONS LTD

MS Claim Group - Geochem Grid

Cu, Mo, W — Copper, molybdenum, tungsten values in parts per million

Soil sample

Rock sample

Silt sample

MAP 3

molybdenum contours

0ft 200ft 400ft 800ft

Scale: 1 inch = 400 feet

1974

Line 100E
Line 104E
Line 108E
Line 112E
Line 116E
Line 120E
Line 124E
Line 128E
Line 132E
Line 136E
Line 140E
Line 144E
Line 148E
Line 152E
Line 156E
Line 160E
Line 164E
Line 168E
Line 172E
Line 176E
Line 180E
Line 184E
Line 188E
Line 192E
Line 196E

114 N

BL 100N

86N

DYNASTY EXPLORATIONS LTD

MS Claim Group - Geochem Grid

20, 5, 3 Copper, molybdenum, tungsten values in parts per million
| Soil sample
* Rock sample
• Silt sample

MAP 4
tungsten contours

0ft 200ft 400ft 800ft

Scale: 1 inch = 400 feet

1974

DYNASTY EXPLORATIONS LTD.

MS CLAIM GROUP MAGNETOMETER SURVEY

1974

MAP 5

Scale: 1 inch = 400 feet

0ft 200ft 400ft 800ft

1200 gamma contour line

900 gamma line encloses lower than 900 values