31E01SE0162 18 MONMOUTH

010

# Diamond Drilling

**Township** of Monmouth **Report Nº:** 18

**Work performed by:** Molybdenum Corp. of America / New Far North Exploration Ltd.

| Claim Nº | Hole Nº | Footage | Date | Note |
|---|---|---|---|---|
| EO 31767 | Z-2-1 | 330' | Sept./65 | (1) |
| | Z-2-2 | 263' | Sept./65 | (1) |
| | Z-2-2A | 255' | Sept./65 | (1) |
| | Z-2-4 | 260.8' | Oct./65 | (1) |
| | Z-2-5 | 354' | Oct./65 | (1) |
| | Z-2-6 | 237' | Oct./65 | (1) |
| | Z-2-7 | 72.4' | Oct./65 | (1) |
| | Z-2-8 | 53' | Oct./65 | (1) |
| | Z-2-9 | 51.6' | Oct./65 | (1) |
| | Z-2-10 | 155.6' | Oct./65 | (1) |
| | Z-2-11 | 177' | Oct./65 | (1) |
| | Z-2-12 | 68.8' | Oct./65 | (1) |
| EO 31517 | Z-2-3 | 438' | Sept./65 | (1) |

1715.2

**Notes:**

(1) 34/70 (Sam Taylor)

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. D.D.H. Z-2-1 DIP 35° LOCATION ZONE-2 Manmouth Twp. SHEET NO. 1

New Far North Exp. Ltd. Wilberforce, ONT. Cl. 31767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0.0 | 10.8 | Casing |
| 10.8 | 158.5 | White crystalline limestone with graphite - muscovite, some pyrite - pyrrhotite. A slight banding indicated by the graphite flakes. They are oriented between 70° - 85°. |
| | | Gneiss sections: Banding |
| | | 40.5 - 41.3 30° |
| | | 42.8 - 49.2 30° |
| | | 66.5 - 67.1 65° |
| | | 80.2 - 81.7 70° |
| | | Biotite rich sections: |
| | | 84.3 - 84.6 |
| | | 118.3 - 118.7 |
| | | Fine grained dark rock from: |
| | | 147.6 - 148.3 |
| | | 151.3 - 152.0 |
| | | Contact core angle of these dykes: 60° |
| 158.5 | 167.0 | Diopside ? with calcite pyrite pyrrhotite |
| 167.0 | 187.5 | Diopside (80%) (light green) calcite (albite?) with pyrite-pyrrhotite. |
| | | Gneiss section at 169.2- 171.1, core angle contact: 40° |

NORTHERN MINER FORM NO. 906

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES % $MoS_2$ | | | |
|---|---|---|---|---|---|---|---|
| Z-2-23 | 180.0 | 185.0 | 5.0 | nil | | | |
| Z-2-24 | 185.0 | 187.5 | 2.5 | trace | | | |
| Z-2-25 | 190.0 | 192.5 | 2.5 | trace | | | |
| Z-2-26 | 202.0 | 205.0 | 3.0 | 0.055 | | | |
| Z-2-27 | 209.0 | 212.0 | 3.0 | 0.055 | | | |
| Z-2-28 | 258.0 | 260.0 | 2.0 | trace | | | |

### LEGEND

SCALE Inch

Collar Lat. Dep.
Collar Elevation
Azimuth at Start 249°
Azimuth at End
DIPS:
35° Ft. 0.0 Ft. 230.0
Ft. Ft.
Ft. Ft.
Ft. Ft.
Logged By
Sampling By
Assaying By

## SECTIONS

Started Completed Depth of Hole Proposed Depth

Sludge Assays

| | % $MoS_2$ |
|---|---|
| 10.0 - 15.0 | no sample |
| 17.0 - 20.0 | nil |
| 20.0 - 25.0 | nil |
| 25.0 - 30.0 | trace |
| 30.0 - 35.0 | trace |
| 35.0 - 40.0 | nil |
| 40.0 - 45.0 | trace |
| 45.0 - 50.0 | trace |
| 50.0 - 55.0 | trace |
| 55.0 - 60.0 | trace |
| 60.0 - 65.0 | trace |
| 65.0 - 70.0 | trace |
| 70.0 - 75.0 | trace |
| 75.0 - 80.0 | trace |
| 80.0 - 85.0 | trace |
| 85.0 - 90.0 | trace |
| 90.0 - 95.0 | nil |
| 95.0 - 100.0 | nil |
| 100.0 - 105.0 | nil |
| 105.0 - 110.0 | trace |
| 110.0 - 115.0 | 0.035 |
| 115.0 - 120.0 | nil |
| 120.0 - 125.0 | trace |
| 125.0 - 130.0 | nil |
| 130.0 - 135.0 | trace |
| 135.0 - 140.0 | trace |
| 140.0 - 145.0 | nil |
| 145.0 - 150.0 | nil |
| 150.0 - 155.0 | trace |
| 155.0 - 160.0 | trace |
| 160.0 - 165.0 | trace |
| 165.0 - 170.0 | trace |
| 170.0 - 175.0 | trace |
| 175.0 - 180.0 | 0.035 |
| 180.0 - 185.0 | nil |

Sludge samples taken 5-ft contiguous intersections

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. D.D.H. Z-2-1 DIP 35° LOCATION ZONE-2 Monmouth Twp. SHEET NO. 2

New Far North Exp. Ltd. Wilberforce, ONT. Cl. 3176T

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 187.5 | 192.5 | Diopside (light green) with calcite and coarse grained pink calcite: 189.0 - 190.2, 191.4 - 191.9 |
| 192.5 | 202.0 | Diopside with granite - pyrite-pyrrhotite (1% - 2%). The changing from granite gneiss to diopside diopside to granite gneiss is gradual. Good banding ranging from 60° - 70°. |
| 202.0 | 212.0 | Diopside-calcite with pyrite-pyrrhotite, massive dark diopside from: 209.5 - 211.2. |
| 212.0 | 214.6 | White crystalline limestone (80%) with diopside-muscovite. |
| 214.6 | 237.0 | Pure crystalline limestone (light pink) with 10% - 15% quartz? |
| 237.0 | 251.6 | White crystalline limestone (80%) with diopside-muscovite- pyrite-pyrrhotite. |
| 251.6 | 272.0 | Diopside-calcite. Rich diopside sections: 256.5 - 258.0, 259.5-260.5, Rich biotite rock from: 253.5- 256.1. Some moly at 258.0. |
| 272.0 | 330.0 | White crystalline limestone with muscovite - pyrite - pyrrhotite. Some core angle running 60° - 75°. |
| | 330.0 | End of hole |

NORTHERN MINER FORM NO. 900

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

LEGEND

SCALE inch

Collar Lat. Dep.
Collar Elevation
Azimuth at Start 245°
Azimuth at End
DIPS:
35° Ft. 0 Ft. 330.0
Ft. Ft.
Ft. Ft.
Ft. Ft.
Logged By
Sampling By
Assaying By

## SECTIONS

| Started | Completed |
|---|---|
| Sludge Assays | |
| 188.0 - 190.0 | 0.035 |
| 190.0 - 195.0 | 0.04 |
| 195.0 - 200.0 | 0.04 |
| 200.0 - 205.0 | 0.05 |
| 210.0 - 215.0 | trace |
| 215.0 - 225.0 | nil |
| 225.0 - 245.0 | trace |
| 255.0 - 260.0 | trace |
| 260.0 - 265.0 | 0.04 |
| 265.0 - 275.0 | trace |
| 275.0 - 285.0 | nil |
| 285.0 - 290.0 | trace |
| 290.0 - 295.0 | nil |
| 295.0 - 305.0 | trace |

Depth of Hole Proposed Depth

Auto Sludge samples taken 5 ft. Contiguous intersections.

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. D.D.H. Z-2-2 DIP 35° LOCATION Zone -2 Monmouth Twp. SHEET NO. 1

New Far North Exploration Ltd. Wilberforce, ONT. Cl. 31767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0.0 | 10.0 | Casing |
| 10.0 | 26.0 | White crystalline limestone with |
| | | muscovite. Slight banding at 20° |
| | | Lost core : 13.8-15.0, 18.6-19.0' |
| 26.0 | 37.6 | Diopside (80%) with limestone. |
| | | Moly. flakes at 34.4, 36.2, 37.0 |
| | | |
| 37.6 | 49.0 | White crystalline limestone with |
| | | graphite & muscovite. Rich mica |
| | | zone from 46.2-47.0, banding at 30° |
| | | In the limestone, the graphite & mus |
| | | covite are flat (40°) |
| | | |
| 49.0 | 68.0 | Mixture of : |
| | | Biotite gneiss: 49.0 - 52.0 |
| | | 54.2 - 54.6 |
| | | 67.4 - 67.8 |
| | | Diopside-calcite: 52.0 - 54.2 |
| | | 54.6 - 56.0 |
| | | 57.3 - 60.6 |
| | | Granit dyke: 56.0 - 57.3 |
| | | Calcite-diopside: 60.6 - 63.0 |
| | | Mica rich zone at 61.7 banding 40° |
| | | 51.5 " 10° |
| | | 60.5 45° |

NORTHERN MINER FORM NO. 300

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES $MoS_2$ % | | | |
|---|---|---|---|---|---|---|---|
| Z-2-16 | 34.1 | 37.5 | 3.4 | Trace | | | |

### LEGEND

SCALE inch

Collar Lat. ..... Dep. .....
Collar Elevation .....
Azimuth at Start 249.
Azimuth at End .....
DIPS:
35° Ft. 0' Ft. 263.0'
..... Ft. ..... Ft. .....
..... Ft. ..... Ft. .....
..... Ft. ..... Ft. .....
Logged By .....
Sampling By .....
Assaying By .....

## SECTIONS

Started ..... Completed ..... Depth of Hole ..... Plotted Depth .....

Auto sludge samples taken 5 ft. contiguous intersections

| Sludge Samples | | $\%MoS_2$ |
|---|---|---|
| 10.0 | 15.0 | |
| 15.0 | 20.0 | |
| 20.0 | 25.0 | |
| 25.0 | 30.0 | 0.015 |
| 30.0 | 35.0 | Trace |
| 35.0 | 40.0 | nil |
| 40.0 | 45.0 | Trace |
| 45.0 | 50.0 | Trace |
| 50.0 | 55.0 | Trace |
| 55.0 | 60.0 | Trace |
| 60.0 | 65.0 | Trace |
| 65.0 | 70.0 | Trace |

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. D.D.H. Z-2-2 DIP 35° LOCATION Zone 2 Monmouth Twp. SHEET NO. 2

New Far North Exploration Ltd. Wilberforce, ONT. Cl. B1767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 68.0 | 126.1 | White crystalline limestone with muscovite, pyrite, pyrrhotite & graphite, slight banding 10° |
| 126.1 | 128.0 | Biotite gneiss; banding at 10° and the contact rock at 128.0 is 25° |
| 128.0 | 151.0 | Diopside - calcite (albite?) with pyrite pyrrhotite (1-2%) Some richer zones of diopside. Moly flakes at 136.0, 138.0 - 143.0 - 145.3 - 147.0 Rock fractures (Joints) run 40°-50° |
| 151.0 | 162.8 | White crystalline limestone with 10%-20% diopside Pink crystalline limestone from 152.0-152.0; Moly at 152.0. contact rock at 45° |
| 162.8 | 166.0 | Diopside (80%) with limestone and pyrite - pyrrhotite, some moly. |
| 166.0 | 174.0 | White crystalline limestone (80%) with diopside - muscovite & pyrite |

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES $MoS_2$ % | | | |
|---|---|---|---|---|---|---|---|
| Z-2-17 | 135.5 | 138.0 | 2.5 | 0.05 | | | |
| Z-2-18 | 142.0 | 145.0 | 3.0 | 0.055 | | | |
| Z-2-19 | 145.0 | 148.0 | 3.0 | 0.05 | | | |
| Z-2-45 | 148.0 | 151.5 | 3.5 | | | | |
| Z-2-20 | 151.5 | 152.5 | 1.0 | 0.09 | | | |
| Z-2-46 | 152.5 | 163.5 | 11.0 | | | | |
| Z-2-21 | 163.5 | 166.0 | 2.5 | 0.09 | | | |
| Z-2-47 | 166.0 | 170.0 | 4.0 | | | | |

LEGEND

SCALE Inch

Collar Lat. ..... Dep. .....
Collar Elevation .....
Azimuth at Start 249° .....
Azimuth at End .....
DIPS:
35° Ft. 0 Ft. 243.0'
..... Ft. ..... Ft. .....
..... Ft. ..... Ft. .....
..... Ft. ..... Ft. .....
Logged By .....
Sampling By .....
Assaying By .....

## SECTIONS

Started ..... Completed ..... Depth of Hole ..... Pr ved Depth .....

| Sludge Samples | | | % $MoS_2$ |
|---|---|---|---|
| 70.0 | - | 75.0 | Trace |
| 75.0 | - | 80.0 | nil |
| 80.0 | - | 85.0 | Trace |
| 85.0 | - | 90.0 | 0.03 |
| 90.0 | - | 95.0 | nil |
| 95.0 | - | 100.0 | nil |
| 100.0 | - | 105.0 | nil |
| 105.0 | - | 110.0 | nil |
| 110.0 | - | 115.0 | nil |
| 115.0 | - | 120.0 | nil |
| 120.0 | - | 125.0 | nil |
| 125.0 | - | 130.0 | 0.025 |
| 130.0 | - | 135.0 | 0.035 |
| 135.0 | - | 140.0 | 0.05 |
| 140.0 | - | 145.0 | 0.03 |
| 145.0 | - | 150.0 | 0.03 |
| 150.0 | - | 155.0 | 0.025 |
| 155.0 | - | 160.0 | Trace |
| 160.0 | - | 165.0 | 0.025 |
| 165.0 | - | 170.0 | 0.025 |
| 170.0 | - | 175.0 | Trace |

Auto sludge samples taken 5 ft contiguous intersections

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

NORTHERN MINES FORM NO. 200

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. D.D.H. Z.2.2 DIP 35° LOCATION ZONE - 2 Monmouth Twp. SHEET NO. 3

New Far North Exploration Ltd. Wilberforce, ONT. CI. 31767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 174.0 | 181.5 | Diopside (80%) with limestone, |
| | | Pink crystalline limestone from: |
| | | 175.0 – 176.0, rich sulphide zone |
| | | from: 180.6 – 181.5. Some moly at: |
| | | 177.5 – 180.0 – 180.5 – 181.0 |
| | | |
| 181.5 | 182.5 | White crystalline limestone |
| | | |
| 182.5 | 186.2 | Granit gneiss (flat contact) Banding: 20° |
| | | |
| 186.2 | 217.5 | White crystalline limestone with |
| | | graphite – muscovite – pyrite. |
| | | Granit section from: 196.5 – 198.1 |
| | | Banding: 45° |
| | | |
| 217.5 | 227.5 | Biotite gneiss. Banding: 40°–50° |
| | | |
| 227.5 | 235.5 | White crystalline limestone with graphite |
| | | |
| 235.5 | 239.0 | Biotite rich section with 15% lime- |
| | | stone. |
| 239.0 | 263.0 | Biotite gneiss, banding: 50° at 244.0 |
| | | 35° " 249.0 |
| | | 30° " 254.0 |
| | | 45° " 256.0 |
| | | 30° " 260.0 |

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES $MoS_2$ % | | | |
|---|---|---|---|---|---|---|---|
| Z.2.69 | 170.0 | 177.5 | 7.5 | | | | |
| Z.2.22 | 177.5 | 181.5 | 4.0 | 0.055 | | | |

### LEGEND

SCALE Inch

Collar Lat. ..... Dep. .....
Collar Elevation .....
Azimuth at Start 249°
Azimuth at End .....
DIPS:
35° Ft. 0 Ft. 263.0
Ft. Ft.
Ft. Ft.
Ft. Ft.
Logged By .....
Sampling By .....
Assaying By .....

## SECTIONS

Started ..... Completed ..... Depth of Hole ..... Proposed Depth .....

| Sludge Samples | | | %$MoS_2$ |
|---|---|---|---|
| 175.0 | – | 180.0 | Trace |
| 180.0 | – | 185.0 | 0.04 |
| 185.0 | – | 190.0 | Trace |
| 190.0 | – | 195.0 | Trace |
| 195.0 | – | 200.0 | Trace |
| 200.0 | – | 205.0 | Trace |
| 205.0 | – | 210.0 | Trace |
| 210.0 | – | 215.0 | nil |
| 215.0 | – | 220.0 | Trace |
| 220.0 | – | 225.0 | Trace |
| 225.0 | – | 230.0 | Trace |
| 230.0 | – | 235.0 | Trace |
| 235.0 | – | 240.0 | Trace |
| 240.0 | – | 245.0 | Trace |
| 245.0 | – | 250.0 | 0.025 |
| 250.0 | – | 255.0 | 0.015 |
| 255.0 | – | 260.0 | 0.025 |
| 260.0 | – | 265.0 | 0.015 |

Auto sludge samples taken 5 ft contiguous intersections

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

SIGNED

NORTHERN ONTARIO PRINTING CO. LTD.

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. D.D.H. Z-2-2-A DIP 30° LOCATION ZONE-2 Monmouth Twp. SHEET NO. 1

New Far North Exp. Ltd. Wilber Force ONT. Cl. 31767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0.0 | 5.5 | Casing |
| 5.5 | 23.5 | Diopside (80%) with calcite (albite?) |
| | | pyrite - Banding: 50°. Some moly |
| | | observed. |
| 23.5 | 26.2 | Diopside (albite?) |
| 26.2 | 49.0 | Diopside 50% calcite 40% (albite?) |
| | | plus pyrite-pyrrhotite with pink |
| | | crystalline limestone from: |
| | | 29.0 - 29.4 |
| | | 40.6 - 41.2 |
| | | 41.6 - 41.9 |
| | | 44.5 - 45.6 |
| | | 45.8 - 46.3 |
| | | 47.1 - 49.0 |
| | | Very few moly flakes. |
| 49.0 | 69.3 | Massive fine-grained diopside (albite?) |
| | | calcite with 2 narrow crystalline |
| | | limestone sections. Some moly flakes at |
| | | 65.3 |
| 69.3 | 70.8 | Granit dike with diopside patches, |
| | | some moly in the diopside patches |
| | | (at 70.4°) contact rock at 60°. |
| 70.8 | 81.6 | Crystalline limestone (white) with |
| | | pyrite-pyrrhotite-graphite-muscovite, |
| | | moly flakes at 79.6 |

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES % $MoS_2$ | | | |
|---|---|---|---|---|---|---|---|
| Z-2-1 | 5.5 | 9.5 | 4.0 | trace | | | |
| Z-2-2 | 9.5 | 11.7 | 2.2 | 0.05 | | | |
| Z-2-3 | 11.7 | 17.0 | 5.3 | trace | | | |
| Z-2-4 | 17.0 | 19.0 | 2.0 | 0.07 | | | |
| Z-2-5 | 19.0 | 23.5 | 4.5 | 0.225 | | | |
| Z-2-6 | 23.5 | 30.0 | 6.5 | trace | | | |
| Z-2-7 | 30.0 | 45.0 | 15.0 | trace | | | |
| Z-2-7A | 45.0 | 50.0 | 5.0 | 0.025 | | | |
| Z-2-29 | 50.0 | 55.0 | 5.0 | trace | | | |
| Z-2-30 | 55.0 | 60.0 | 5.0 | trace | | | |
| Z-2-31 | 60.0 | 65.0 | 5.0 | trace | | | |
| Z-2-32 | 65.0 | 69.0 | 4.0 | trace | | | |
| Z-2-33 | 69.0 | 71.0 | 2.0 | trace | | | |
| Z-2-34 | 71.0 | 75.0 | 4.0 | nil | | | |
| Z-2-35 | 75.0 | 81.6 | 6.5 | trace | | | |

## SECTIONS

Started ..... Completed ..... Depth of Hole ..... Proposed Depth .....

Sludge Assays %$MoS_2$

| | | |
|---|---|---|
| 15 - | 20 | 0.175 |
| 20 - | 25 | 0.03 |
| 25 - | 45 | trace |
| 45 - | 55 | 0.04 |
| 55 - | 60 | 0.02 |
| 60 - | 65 | trace |
| 65 - | 70 | 0.02 |
| 70 - | 80 | trace |
| 80 - | 85 | 0.15 |
| 85 - | 90 | 0.10 |
| 90 - | 95 | 0.135 |
| 95 - | 100 | 0.04 |
| 100 - | 105 | 0.03 |

Note Sludge Samples taken 5 ft. Continuous intersections.

## LEGEND

SCALE inch

Collar Lat. ..... Dep. .....
Collar Elevation .....
Azimuth at Start 249°
Azimuth at End .....
DIPS:
35° Ft. 0.0 Ft. 255°
Ft. Ft.
Ft. Ft.
Ft. Ft.

Logged By .....
Sampling By .....
Assaying By .....

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

NORTHERN MINER FORM NO. 506

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. D.D.H. Z-2-2-A DIP 30° LOCATION ZONE-2 Monmouth Twp. CI. B1767 SHEET NO. 2

New Far North Exp. Ltd. Wilberforce, ONT.

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 81.6 | 91.2 | Medium grained diopside (albite?) |
| | | rock with some crystalline calcite |
| | | veinlets 2% sulphides (pyrite- |
| | | pyrrhotite) |
| 91.2 | 100.4 | Coarse grained pink to white limestone |
| | | with pyrite-pyrrhotite apatite?. |
| | | Some moly. |
| 100.4 | 125.0 | White crystalline limestone with |
| | | pyrite-pyrrhotite (1%) muscovite- |
| | | graphite. Banding: 45° - 55°, |
| | | at 101.0 a brown mineral tobeindified |
| | | at 121.6 a black " " " " |
| 125.0 | 141.2 | White crystalline limestone with |
| | | graphite-pyrite-pyrrhotite. |
| | | The graphite flakes and the light |
| | | banding at between 40° - 60°. |
| 141.2 | 145.6 | Medium grained diopside (albite?) |
| | | calcite, some moly. |
| 145.6 | 157.3 | White crystalline limestone with |
| | | pyrite-pyrrhotite graphite. |
| 157.3 | 171.8 | White crystalline limestone with |
| | | diopside 20% - 40%. Some sections |
| | | are pure white crystalline limestone, |
| | | some are pure pink crystalline limes- |
| | | tone. |

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES % $MoS_2$ | | | |
|---|---|---|---|---|---|---|---|
| Z-2-8 | 81.6 | 85.0 | 3.4 | 0.225 | | | |
| Z-2-9 | 85.0 | 91.2 | 6.2 | 0.20 | | | |
| Z-2-10 | 91.2 | 96.0 | 4.8 | 0.35 | | | |
| Z-2-36 | 96.0 | 100.0 | 4.0 | nil | | | |
| Z-2-11 | 110.0 | 115.0 | 5.0 | nil | | | |
| Z-2-12 | 141.2 | 145.0 | 3.8 | trace | | | |

## SECTIONS

Started ..... Completed ..... Depth of Hole ..... Proved Depth .....

Sludge assays

| | % $MoS_2$ |
|---|---|
| 80 - 85 | 0.15 |
| 85 - 90 | 0.10 |
| 90 - 95 | 0.135 |
| 95 - 100 | 0.04 |
| 100 - 105 | 0.03 |
| 105 - 120 | trace |
| 120 - 135 | nil |
| 135 - 155 | trace |
| 156 - 216 | no samples |

Auto Sludge Samples taken off. Contiguous intersections.

## LEGEND

SCALE Inch

Collar Lat. ..... Dep. .....
Collar Elevation .....
Azimuth at Start 249°
Azimuth at End .....
DIPS:
35° Ft. 0' Ft. 255.0
..... Ft. ..... Ft. .....
..... Ft. ..... Ft. .....
..... Ft. ..... Ft. .....

Logged By .....
Sampling By .....
Assaying By .....

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

NORTHERN MINER FORM NO. 506

# DIAMOND DRILL RECORD

PROPERTY: N.F.N. HOLE NO. D.D.H. Z-2-2-A DIP: 30° LOCATION: ZONE-2 Monmouth Twp. Cl. 31767 SHEET NO. 3

New Far North Exp. Wilberforce, ONT.

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 171.8 | 172.4 | Granite gneiss contact rock: 55° |
| 172.4 | 211.6 | White crystalline limestone with 10% - 20% diopside (albite?) |
| | | Gneiss sections: Banding |
| | | 179.0 - 180.5 50°- 70° |
| | | 181.5 - 182.0 60° |
| | | 182.5 - 184.0 |
| | | 190.5 - 191.2 15° |
| | | 192.0 - 194.0 |
| | | 197.2 - 202.5 40° |
| | | 204.2 - 204.5 70° |
| 211.6 | 221.5 | Diopside calcite (albite?) with some coarse grained pink calcite. Some moly. |
| 221.5 | 224.0 | Granite gneiss section: 221.5- 224.0 |
| 224.0 | 230.0 | Diopside (albite?) calcite. Some moly flakes at 224.5 |
| 230.0 | 255.0 | White crystalline limestone with 10% to 20% diopside- muscovite - pyrite - pyrrhotite. Rich mica zone: 250° - 253.0. |

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES $MoS_2$ | | | |
|---|---|---|---|---|---|---|---|
| 2-2-13 | 211.6 | 215.0 | 3.4 | trace | | | |
| 2-2-14 | 215.0 | 221.0 | 6.0 | 0.19 | | | |
| 2-2-15 | 224.0 | 230.0 | 6.0 | trace | | | |

## SECTIONS

Started ..... Completed ..... Depth of Hole ..... Proposed Depth .....

Sludge Assays % $MoS_2$
155 - 216 no samples
216 - 225 0.03 Auto sludge samples taken 5 ft.
225 - 255 trace Contiguous intersections.

## LEGEND

SCALE inch

Collar Lat. ..... Dep. .....
Collar Elevation .....
Azimuth at Start 249°
Azimuth at End .....
DIPS:
35° Ft. 0' Ft. 255.0
Ft. Ft.
Ft. Ft.
Ft. Ft.
Logged By .....
Sampling By .....
Assaying By .....

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

NORTHERN MINER FORM NO 506

# DIAMOND DRILL RECORD

PROPERTY N. F. N. HOLE NO. Z-2-3 DIP 35° LOCATION ZONE-2 Monmouth Twp. SHEET NO. 1

New Far North Exp. Ltd. Wilberforce, Ont. Cl. 31767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0 | 18.0 | Casing (0'-4' earth - 4'-18' decomposed diopside & limestone) |
| 18.0 | 20.0 | Diopside 18' to 19' decomposed - 1 foot recovery |
| 20.0 | 25.0 | Diopside rich biotite schist |
| 25.0 | 30.0 | Biotite gneiss |
| 30.0 | 33.5 | Biotite gneiss & schist |
| 33.5 | 41.0 | Diopside rich biotite gneiss & schist with bands of pyroxene (diopside) |
| 41.0 | 47.0 | Granite |
| 47.0 | 60.0 | Diopside with bands of granite gneiss from 2" to 1' |
| 60.0 | 81.3 | Biotite gneiss with narrow bands of mica schist (diopside) & pyroxene |
| 81.3 | 98.2 | White crystalline limestone with muscovite (up to 30%) some diopside |
| 98.2 | 106.5 | Mixture of diopside-limestone zones coarse grained zone from 103.0-105.0 |
| 106.5 | 112.7 | Grey granite dyke |
| 112.7 | 113.3 | Alteration zone (chloritized) in the contact between the limestone and the granite (contact C.A. 75°) |
| 113.3 | 147.5 | Mostly "light pink" crystalline limestone with some diopside and muscovite. |

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES $MoS_2$ % | | | |
|---|---|---|---|---|---|---|---|
| Z-2-48 | 18.0 | 20.0 | 2.0 | 0.04 | | | |
| Z-2-49 | 20.0 | 25.0 | 5.0 | 0.035 | | | |
| Z-2-50 | 25.0 | 30.0 | 5.0 | 0.02 | | | |
| Z-2-51 | 30.0 | 33.5 | 3.5 | 0.04 | | | |
| Z-2-52 | 33.5 | 41.0 | 7.5 | Trace | | | |
| Z-2-53 | 41.0 | 47.0 | 6.0 | 0.04 | | | |
| Z-2-54 | 47.0 | 55.2 | 8.2 | Trace | | | |

## SECTIONS

Started ..... Completed ..... Depth of Hole ..... Proposed Depth .....

Sludge Assays % $MoS_2$

| | |
|---|---|
| 20 - 25 | 0.04 |
| 25 - 35 | 0.04 |
| 35 - 40 | 0.02 |
| 40 - 45 | trace |
| 45 - 65 | nil |
| 65 - 85 | trace |
| 85 - 105 | nil |
| 105 - 115 | trace |
| 115 - 135 | nil |
| 135 - 140 | trace |
| 140 - 145 | nil |
| 145 - 150 | trace |

Auto Sludge Sampler takes 5 ft. Contiguous intersections.

## LEGEND

SCALE inch

Collar Lat. ..... Dep. .....
Collar Elevation .....
Azimuth at Start 249°
Azimuth at End .....
DIPS:
35° Ft. ..... 438.0 Ft. .....
..... Ft. ..... Ft. .....
..... Ft. ..... Ft. .....
..... Ft. ..... Ft. .....
Logged By .....
Sampling By .....
Assaying By .....

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

NORTHERN MINER FORM NO. 506

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. Z-2-3 DIP 35° LOCATION ZONE - 2 Monmouth Twp. SHEET NO. 2

New Far North Exp. Ltd. Wilberforce, ONT. Cl. 81767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 147.5 | 173.2 | Diopside - limestone rock with |
| | | pyrite & pyrrhotite (2%) |
| | | Pink cristalline limestone |
| | | from: 159.5 - 161.2 |
| | | 164.0 - 166.6 |
| 173.2 | 178.5 | White cristalline limestone with |
| | | 10% diopside and 20% muscovite. |
| | | |
| 178.5 | 203.3 | White cristalline limestone with |
| | | graphite and muscovite. |
| | | |
| 203.0 | 204.1 | Rich biotite zone. |
| 204.1 | 213.0 | Mixture of diopside - limestone |
| | | 50% — 50% |
| 213.0 | 213.3 | Granite dyke. |
| | | |
| 213.3 | 228.3 | White cristalline limestone + muscovite |
| | | |
| 228.3 | 241.0 | Grey granite with some diopside |
| | | (narrow) sections. |
| | | |
| 241.0 | 259.0 | White cristalline limestone with |
| | | sections of diopside - limestone. |
| 259.0 | 438.0 | Biotite gneiss. The banding is |
| | | running from 45° to 60° |

NORTHERN MINER FORM NO. 808

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES MoS2 | | | |
|---|---|---|---|---|---|---|---|
| Z-2-37 | 147.5 | 151.0 | 3.5 | trace | | | |
| Z-2-38 | 151.0 | 159.5 | 8.5 | 0.07 | | | |
| Z-2-39 | 159.5 | 161.2 | 1.7 | 0.12 | | | |
| Z-2-40 | 161.2 | 164.0 | 2.8 | 0.09 | | | |
| Z-2-41 | 164.0 | 166.5 | 2.5 | 0.32 | | | |
| Z-2-42 | 166.5 | 170.5 | 4.0 | 0.08 | | | |
| Z-2-43 | 170.5 | 173.2 | 2.7 | 0.18 | | | |
| Z-2-44 | 173.2 | 175.0 | 1.8 | trace | | | |

LEGEND

SCALE inch

Collar Lat. Dep.

Collar Elevation

Azimuth at Start 249°

Azimuth at End

DIPS:

35° Ft. 0 Ft. 438.0

Ft. Ft.

Ft. Ft.

Ft. Ft.

Logged By

Sampling By

Assaying By

## SECTIONS

Started Completed Depth of Hole Proposed Depth

Sludge Assays

| | % MoS2 |
|---|---|
| 145 - 150 | trace |
| 150 - 155 | 0.04 |
| 155 - 160 | 0.06 |
| 160 - 165 | 0.075 |
| 165 - 170 | 0.14 |
| 170 - 175 | 0.06 |
| 175 - 195 | trace |
| 195 - 200 | nil |
| 200 - 205 | trace |
| 205 - 210 | nil |
| 210 - 215 | 0.04 |
| 215 - 220 | trace |
| 220 - 225 | nil |
| 225 - 250 | trace |
| 250 - 255 | 0.02 |
| 255 - 345 | trace |
| 345 - 350 | 0.03 |
| 350 - 390 | trace |
| 390 - 395 | 0.04 |
| 395 - 440 | trace |

Auto Sludge samples taken 5 ft. contiguous intersections

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. Z-2-4 DIP 35° LOCATION ZONE-2 Monmouth Twp. SHEET NO. 1

New Far North Exp. Ltd. Wilberforce ONT. Cl. 31767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0. | 7.0 | Casing |
| 7.7 | 31.0 | White crystalline limestone with graphite & muscovite. |
| 31.0 | 81.4 | White crystalline limestone with (biotite) muscovite & graphite (some diopside) |
| | | Granite sections from: 54.0 – 58.0 |
| | | 67.5 – 69.0 |
| | | This W. Cr. L.s. contains 10-15% muscovite & 5-10% diopside. |
| 81.4 | 95.0 | Granite gneiss |
| 95.0 | 183.5 | White crystalline limestone with muscovite, graphite and ~~pyrite~~ pyrrhotite |
| | | Granite sections from: 100.0 – 103.5 |
| | | 111.5 – 114.0 |
| | | 162.0 – 167.5 |
| | | Rich mica (biotite) zone 173.0-174.0 |
| 183.5 | 186.0 | White crystalline limestone with 50% muscovite. |
| 186.0 | 188.0 | Alteration zone (dark mineral observed) |

NORTHERN MINER FORM NO. 506

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

**LEGEND**

SCALE Inch

Collar Lat. ..... Dep. .....
Collar Elevation .....
Azimuth at Start 249°
Azimuth at End .....
DIPS:
35° Ft. 0' Ft. 240.8
Ft. Ft.
Ft. Ft.
Ft. Ft.
Logged By .....
Sampling By .....
Assaying By .....

## SECTIONS

Started ..... Completed ..... Depth of Hole ..... Proposed Depth .....

Sludge Assays % $MoS_2$

| | |
|---|---|
| 17 - 25 | nil |
| 25 - 40 | nil |
| 40 - 50 | Trace |
| 50 - 55 | nil |
| 55 - 65 | Trace |
| 65 - 70 | nil |
| 70 - 95 | Trace |
| 95 - 100 | nil |
| 100 - 115 | Trace |
| 115 - 150 | nil |
| 150 - 175 | Trace |
| 175 - 185 | nil |

Auto Sludge samples taken 5 ft. Contiguous intersections.

MOLYBDENUM CORPORATION of AMERIC
OKA, P.Q.
CANADA

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. Z-2-4 DIP 35° LOCATION ZONE -2 Monmouth Twp. SHEET NO. 2

New Far North Exp. Ltd. Wilberforce. ONT. CI. 31767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 188.0 | 260.8 | Biotite gneiss with sulphides |
| | | zones at: 202.5 |
| | | 218.5 |
| | | 221.0 |
| | | At: Banding |
| | | 192.0 40° |
| | | 202.0 45° |
| | | 213.0 60° |
| | | 222.0 25° |
| | | 230.0 35° |
| | | 246.0 35° |

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

LEGEND

SCALE inch

Collar Lat. Dep.
Collar Elevation
Azimuth at Start 249°
Azimuth at End
DIPS:
35° Ft. 0 Ft. 260.8
Ft. Ft.
Ft. Ft.
Ft. Ft.
Logged By
Sampling By
Assaying By

## SECTIONS

Started Completed Depth of Hole Proposed Depth

Sludge Assays % $MoS_2$

185 - 215 trace
215 - 220 nil
220 - 260 trace

Auto Sludge Samples 5 ft.
Contiguous intersections

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

SIGNED

NORTHERN MINER FORM NO. 500

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. Z-2-5 DIP 60° LOCATION ZONE-2 Manmouth Twp. SHEET NO. 1

New Far North Exp. Ltd. Wilberforce, ONT. Cl. 31767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0.0 | 5.0 | Casing |
| 5.0 | 6.2 | White crystalline limestone with 10-30% muscovite. |
| 6.2 | 10.0 | No core. |
| 10.0 | 31.0 | White crystalline limestone with 10-30% muscovite (graphite) Granite dyke 16.3-17.0 |
| 31.0 | 37.0 | White crystalline limestone (50%) & diopside (50%) |
| 37.0 | 70.0 | Biotite gneiss with sections of white crystalline limestone. |
| 70.0 | 101.0 | White crystalline limestone (fairly pure) with muscovite & pyrite pyrrhotite from 95-101.0 more muscovite (10-20%) |
| 101.0 | 112.0 | Granite dyke. |
| 112.0 | 131.0 | White crystalline limestone (fairly pure) |
| 131.0 | 132.6 | Rich mica zone. |
| 132.6 | 133.5 | Diopside |

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES | | | |
|---|---|---|---|---|---|---|---|

**LEGEND**

SCALE inch

Collar Lat. 60° Dep.
Collar Elevation
Azimuth at Start 349°
Azimuth at End
DIPS:
60° Ft. 0 Ft. 354.0
Ft. Ft.
Ft. Ft.
Ft. Ft.
Logged By
Sampling By
Assaying By

## SECTIONS

Started Completed Depth of Hole Proposed Depth

SLUDGE ASSAYS % $MoS_2$

| | |
|---|---|
| 10 - 35 | nil |
| 35 - 50 | trace |
| 50 - 55 | nil |
| 55 - 60 | trace |
| 60 - 75 | nil |
| 75 - 80 | trace |
| 80 - 90 | nil |
| 90 - 128 | samples not received |
| 128 - 130 | trace |
| 130 - 135 | nil |

Auto Sludge Sample taken 5 ft. contiguous intersections.

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

NORTHERN MINER FORM NO. 506

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. Z-2-5 DIP 60° LOCATION ZONE-2 Monmouth Twp. SHEET NO. 2

New For North Exp. Ltd. Wilberforce ONT. Cl. 31767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 133.0 | 354.0 | Biotite gneiss |
| | | at: the Banding |
| | | 138.0 15° |
| | | 145.0 25° |
| | | from 150.0 – 300.0 the banding runs between 5° – 15° |
| | | Rich sulphides zones 320.7 – 321.0 |
| | | 344.6 – 346.0 |
| | | 349.5 – 349.9 |

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

## SECTIONS

Started ..... Completed ..... Depth of Hole ..... Proposed Depth .....

Sludge Assays % $MoS_2$ Auto Sludge samples ~ 5 ft.
179' – 230' trace contiguous intersections

## LEGEND

SCALE inch

Collar Lat. 60° Dep. .....
Collar Elevation .....
Azimuth at Start 249°
Azimuth at End .....
DIPS:
60 Ft. 0' Ft. 354
..... Ft. ..... Ft. .....
..... Ft. ..... Ft. .....
..... Ft. ..... Ft. .....

Logged By .....
Sampling By .....
Assaying By .....

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
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NORTHERN MINER FORM NO. 506

# DIAMOND DRILL RECORD

PROPERTY N.F.N HOLE NO. Z-2-6 DIP 60° LOCATION Zone-2 Manmouth Twp. Cl. 81767 SHEET NO. 1

New Far North Exp. Ltd. Wilberforce, ONT.

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0. | 9.5 | Casing |
| 9.5 | 26.0 | White crystalline limestone with muscovite & graphite 5 – 15° |
| | | some sections rich in diopside |
| | | Pink limestone 18.0 – 18.2 |
| | | 21.6 – 21.9 |
| 26.0 | 44.5 | White crystalline limestone with |
| | | some granite (gneiss) & diopside sections |
| 44.5 | 47.2 | Rich mica (biotite) zone in limestone |
| 47.2 | 50.6 | Biotite gneiss banding 5 – 15° |
| 50.6 | 62.5 | White crystalline limestone with |
| | | massive mica zones. 51.8 – 52.5 |
| | | 55.5 – 55.8, 53.4 – 53.7 |
| | | Pink crystalline ls. 61.2 – 61.8 |
| 62.5 | 66.5 | Diopside |
| 66.5 | 237.0 | Biotite gneiss |
| | | at: Banding: |
| | | 81.0 25.0 |
| | | 95.0 25° |
| | | 100.0 20-25° |
| | | 150.0 20-25° |
| | | 200.0 20-25° |

NORTHERN MINER FORM NO 506

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES $MoS_2$ % | | | |
|---|---|---|---|---|---|---|---|
| Z-2-55 | 35.0 | 36.5 | 1.5 | nil | | | |
| Z-2-56 | 36.5 | 39.0 | 2.5 | 0.21 | | | |
| Z-2-57 | 39.0 | 41.0 | 2.0 | nil | | | |

LEGEND

SCALE Inch

Collar Lat. ..... Dep. .....
Collar Elevation .....
Azimuth at Start 249°
Azimuth at End .....
DIPS:
60° Ft. 0. Ft. 237.0
Ft. Ft.
Ft. Ft.
Ft. Ft.
Logged By .....
Sampling By .....
Assaying By .....

## SECTIONS

Started ..... Completed ..... Depth of Hole 237.0 Proposed Depth .....

Sludge Assays

| | % $MoS_2$ |
|---|---|
| 15' – 25' | nil |
| 25' – 30 | 0.01 |
| 30 – 35 | nil |
| 35 – 40 | 0.15 |
| 40 – 50 | trace |
| 50 – 55 | nil |
| 55 – 125 | trace |
| 125 – 237 | trace |

Auto Sludge Samples taken 5 ft. Contiguous intersections.

MOLYBDENUM CORPORATION of America
OKA, P.Q.
CANADA

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. Z-2-7 DIP 90° LOCATION ZONE-2 Monmouth Twp. SHEET NO. 1

New For North Exp. Wilberforce, ONT. CI. 31767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0.0 | 1.6 | Casing |
| 1.6 | 15.5 | Diopside (some calcite) rock |
| | | Pink calcite from 6.1 – 6.3 |
| | | 11.3 – 11.6 |
| 15.5 | 64.0 | Diopside (fine-grained) & (Paligrem) with limestone |
| | | Granite zones from: 16.0 – 17.0 |
| | | 19.7 – 21.8 |
| | | 40.0 – 42.5 |
| | | 46.0 – 48.0 |
| | | 53.0 – 53.7 |
| | | Pink calcite from: 27.4 – 27.6 |
| | | 32.3 – 32.5 |
| 64.0 | 72.4 | White crystalline limestone with graphite & muscovite. |
| | | gneiss section from: 68.6 – 69.0 |

NORTHERN MINER FORM NO. 506

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES $MoS_2$ | | | |
|---|---|---|---|---|---|---|---|
| Z-2-45 | 1.6 | 7.0 | 5.4 | 0.06 | | | |
| Z-2-46 | 7.0 | 12.3 | 5.3 | 0.21 | | | |
| Z-2-47 | 12.3 | 15.0 | 2.7 | tr. | | | |
| Z-2-72 | 17.0 | 19.7 | 2.7 | | | | |
| Z-2-73 | 21.8 | 30.0 | 8.2 | | | | |
| Z-2-74 | 30.0 | 40.0 | 10.0 | | | | |
| Z-2-75 | 42.5 | 46.0 | 3.5 | | | | |

Sludge assays % $MoS_2$

All sludge Samples

TRACE

1.6' – 72.0'

Auto Sludge samples taken at 5 ft. contiguous intervals

## LEGEND

SCALE inch

Collar Lat. ..... Dep. .....

Collar Elevation .....

Azimuth at Start 0° .....

Azimuth at End .....

DIPS:

90° Ft. 0.0 Ft. 72.4

Ft. Ft.

Ft. Ft.

Ft. Ft.

Logged By .....

Sampling By .....

Assaying By .....

## SECTIONS

Started ..... Completed ..... Depth of Hole ..... Proposed Depth .....

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

SIGNED

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. Z-2-8 DIP 90° LOCATION ZONE -2 Monmouth Twp. SHEET NO. 1

New Far North Exp. Ltd. Wilber Force ONT. CI. 81767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0.0 | 2.2 | Casing |
| 2.2 | 10.0 | Diopside (80%) with calcite. pyrite & pyrrhotite. |
| 10.0 | 16.0 | Diopside (80%) pale green with calcite (some moly) |
| 16.0 | 53.0 | White crystalline limestone with muscovite & graphite. gneiss section from 31.2-32.0 |

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES $MoS_2$ % | | | |
|---|---|---|---|---|---|---|---|
| Z-2-70 | 2.2 | 10.0 | 7.8 | | | | |
| Z-2-71 | 10.0 | 16.0 | 6.0 | | | | |

LEGEND

SCALE Inch

Collar Lat. Dep.
Collar Elevation
Azimuth at Start 0°
Azimuth at End
DIPS:
90° Ft. 0 Ft. 53.0
Ft. Ft.
Ft. Ft.
Ft. Ft.
Logged By
Sampling By
Assaying By

## SECTIONS

Started Completed Depth of Hole Proposed Depth

Sludge Assays % $MoS_2$
All Sludge Samples
TRACE
2.2' - 53.0'

Auto Sludge Samples taken at 5 ft. contiguous intervals.

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

NORTHERN MINER FORM NO 506

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. Z-2-9 DIP 90° LOCATION Zone-2 Manmouth Twp. SHEET NO. 1

New Far North Exploration Ltd, Wilberforce, Ont. Cl. 81767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0.0 | 5.4 | Casing |
| 5.4 | 17.5 | Mixture of pale green diopside with some calcite & granite |
| 17.5 | 51.6 | White crystalline limestone with 5-15% muscovite & graphite |

NORTHERN MINER FORM NO. 506

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES | | | |
|---|---|---|---|---|---|---|---|

**LEGEND**

SCALE inch

Collar Lat. ..... Dep. .....
Collar Elevation .....
Azimuth at Start 0° .....
Azimuth at End .....
DIPS:
90° Ft. 0.0' ..... Ft. 51.6
..... Ft. ..... ..... Ft. .....
..... Ft. ..... ..... Ft. .....
..... Ft. ..... ..... Ft. .....
Logged By .....
Sampling By .....
Assaying By .....

## SECTIONS

Started ..... Completed ..... Depth of Hole ..... Proposed Depth .....

Sludge Assays

Auto sludge samples taken at 5 ft. contiguous intervals.

| | | | % $MoS_2$ |
|---|---|---|---|
| 5.0' | — | 10.0' | TRACE |
| 10.0 | — | 15.0 | " |
| 15.0 | — | 20.0 | " |
| 20.0 | — | 25.0 | " |
| 25.0 | — | 30.0 | " |
| 30.0 | — | 35.0 | " |
| 35.0 | — | 40.0 | " |
| 40.0 | — | 45.0 | " |
| 45.0 | — | 50.0 | " |
| 50.0 | — | 51.6 | " |

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

# DIAMOND DRILL RECORD

PROPERTY N. F. N HOLE NO. Z-2-10 DIP 60° LOCATION ZONE - 2 Maxmouth Twp. SHEET NO. 1

New Far North Exploration ltd. Wilberforce, ONT. CI. 51767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0 | 8.2 | Casing |
| 8.2 | 12.3 | Diopside (medium-grained) with pyrite & pyrrhotite. Moly. |
| 12.3 | 17.0 | Pegmatite |
| 17.0 | 50.0 | Biotite gneiss with some narrow zones of diopside. Banding 32° Pegmatite dyke from 27.0 – 27.8 |
| 50.0 | 102.0 | Biotite gneiss with granite dykes from: 53.6 – 54.0 Core Angle: 20° 64.8 – 65.5 25° 67.7 - 68.4 25° More biotite from 65.0 – 102.0 |
| 102.0 | 118.5 | Light green diopside with sulphides & crystalline limestone, some garnet. |
| 118.5 | 120.2 | Quartzite |
| 120.2 | 125.1 | White cristalline limestone with muscovite |
| 125.1 | 133.0 | Gneiss rich in pyroxene. |
| 133.0 | 155.6 | Biotite gneiss. Banding 70° |

NORTHERN MINER FORM NO 506

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES $MoS_2$ % | | | |
|---|---|---|---|---|---|---|---|
| Z-2-58 | 8.2 | 12.3 | 4.1 | Trace | | | |

### LEGEND

SCALE inch

Collar Lat. ..... Dep. .....
Collar Elevation .....
Azimuth at Start 249°
Azimuth at End .....
DIPS:
60° Ft. 0° Ft. 155.6
Ft. Ft.
Ft. Ft.
Ft. Ft.
Logged By .....
Sampling By .....
Assaying By .....

## SECTIONS

Started Sludge Assays Completed % $MoS_2$ Depth of Hole Auto Sludge samples taken at 5 ft. Proposed Depth contiguous intersections

| | |
|---|---|
| 0.0' – 5.0' | TRACE |
| 5.0 – 10.0 | |
| 10.0 – 20.0 | " |
| 20.0 – 25.0 | " |
| 25.0 – 30.0 | " |
| 30.0 – 35.0 | " |
| 35.0 – 40.0 | " |
| 40.0 – 45.0 | " |
| 45.0 – 50.0 | " |
| 50.0 – 55.0 | " |
| 55.0 – 60.0 | " |
| 60.0 – 65.0 | " |
| 65.0 – 70.0 | " |
| 70.0 – 75.0 | " |
| 75.0 – 80.0 | " |
| 80.0 – 85.0 | " |
| 85.0 – 90.0 | " |
| 90.0 – 95.0 | " |
| 95.0 – 100.0 | " |
| 100.0 – 105.0 | " |
| 105.0 – 110.0 | " |
| 110.0 – 115.0 | " |
| 115.0 – 120.0 | " |
| 120.0 – 125.0 | " |
| 125.0 – 130.0 | " |
| 130.0 – 135.0 | " |
| 135.0 – 140.0 | " |
| 140.0 – 145.0 | " |
| 145.0 – 150.0 | TRACE " |
| 150.0 – 155.0 | " |

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

# DIAMOND DRILL RECORD

PROPERTY N.F.N. HOLE NO. Z-2-11 DIP 60° LOCATION ZONE - 2 Menmouth Twp. SHEET NO. 1

New Far North Exploration ltd. Wilberforce, ONT. CI. 31767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0. | 22.3 | Casing |
| 22.3 | 36.4 | Gneiss with pyroxene. Banding 45°. |
| | | Biotite from 34.0 - 36.4 |
| 36.4 | 39.5 | No Core. |
| 39.5 | 46.0 | Diopside & pink crystalline lime- |
| | | stone from 52.8 - 53.7 |
| 46.0 | 69.5 | White crystalline limestone with |
| | | muscovite & some sulphides |
| | | Biotite rich limestone from: 50.2 - 51.0 |
| | | Pyroxene " " " 51.0 - 52.5 |
| 69.5 | 77.0 | Diopside (80%) with limestone |
| | | Quartzite from 73.5 - 74.5 |
| 77.0 | 142.3 | White crystalline limestone with muscovite |
| 142.3 | 145.5 | (Bio) Muscovite section. |
| 145.5 | 152.0 | Diopside (pale green) with some calcite. |
| 152.0 | 161.0 | Quartzite |
| 161.0 | 177.0 | Biotite gneiss. Banding 10° ~ |

NORTHERN MINER FORM NO 506

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES $MoS_2$ % | | | |
|---|---|---|---|---|---|---|---|
| Z-2-59 | 39.5 | 46.0 | 6.5 | trace | | | |
| Z-2-61 | 65.0 | 69.5 | 4.5 | | | | |
| Z-2-60 | 69.5 | 72.0 | 2.5 | 0.11 | | | |
| Z-2-62 | 72.0 | 75.0 | 3.0 | | | | |
| Z-2-63 | 150.0 | 155.0 | 5.0 | | | | |
| Z-2-64 | 155.0 | 160.0 | 5.0 | | | | |
| Z-2-65 | 160.0 | 165.0 | 5.0 | | | | |

LEGEND

SCALE Inch

Collar Lat. Dep.
Collar Elevation
Azimuth at Start 249°
Azimuth at End
DIPS:
60° Ft. 0' Ft. 177.0'
Ft. Ft.
Ft. Ft.
Ft. Ft.
Logged By
Sampling By
Assaying By

## SECTIONS

Started Completed Depth of Hole Proposed Depth

Mudge Assays

Auto Sludge Samples taken at 5 ft. contiguous intervals

| | % $MoS_2$ |
|---|---|
| 20.0 - 25.0 | |
| 25.0 - 30.0 | trace |
| 30.0 - 35.0 | trace |
| 35.0 - 40.0 | trace |
| 40.0 - 45.0 | nil |
| 45.0 - 50.0 | trace |
| 50.0 - 55.0 | |
| 55.0 - 60.0 | nil |
| 60.0 - 65.0 | |
| 65.0 - 70.0 | 0.035 |
| 70.0 - 75.0 | 0.07 |
| 75.0 - 80.0 | trace |
| 80.0 - 85.0 | trace |
| 85.0 - 90.0 | trace |
| 90.0 - 95.0 | nil |
| 95.0 - 100.0 | trace |
| 100.0 - 105.0 | trace |
| 105.0 - 110.0 | nil |
| 110.0 - 115.0 | trace |
| 115.0 - 120.0 | trace |
| 120.0 - 125.0 | trace |
| 125.0 - 130.0 | trace |
| 130.0 - 135.0 | trace |
| 135.0 - 140.0 | trace |
| 140.0 - 145.0 | nil |
| 145.0 - 150.0 | trace |
| 150.0 - 155.0 | 0.025 |
| 155.0 - 160.0 | 0.025 |
| 160.0 - 165.0 | 0.025 |
| 165.0 - 170.0 | trace |
| 170.0 - 175.0 | trace |
| 175.0 - 177.0 | |

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

# DIAMOND DRILL RECORD

PROPERTY N. F. N. HOLE NO. Z-2-12 DIP 90° LOCATION Zone - 2 Manmouth Twp. SHEET NO. 1

New For North Exploration ltd. Wilber Force, ONT. CI # 31767

## LOG

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0. | 5.0 | Casing |
| 5 | | |
| 5.0 | 65.6 | White crystalline limestone with |
| | | muscovite. Some sections run |
| | | 20% muscovite |
| | | Granite dykes from 60.3 – 60.9 |
| | | 62.0 – 62.6 |
| | | |
| 65.6 | 67.0 | Gneiss |
| | | |
| 67.0 | 68.3 | Granite dyke. |
| | | |
| 68.3 | 68.8 | White crystalline limestone. |

## ASSAYS

| SAMPLE No. | FROM | TO | WIDTH | VALUES | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

## LEGEND

SCALE Inch

Collar Lat. Dep.

Collar Elevation

Azimuth at Start 0°

Azimuth at End

DIPS:

Ft. Ft.

Ft. Ft.

Ft. Ft.

Ft. Ft.

Logged By

Sampling By

Assaying By

## SECTIONS

Started Completed Depth of Hole Proposed Depth

Sludge Assays % $MoS_2$

Auto Sludge samples taken at 5 ft. contiguous intervals

0.

5.0 – 10.0

10.0 – 15.0

15.0 – 20.0

20.0 – 25.0

25.0 – 30.0

30.0 – 35.0

35.0 – 40.0

40.0 – 45.0

45.0 – 50.0

50.0 – 55.0

55.0 – 60.0

60.0 – 65.0

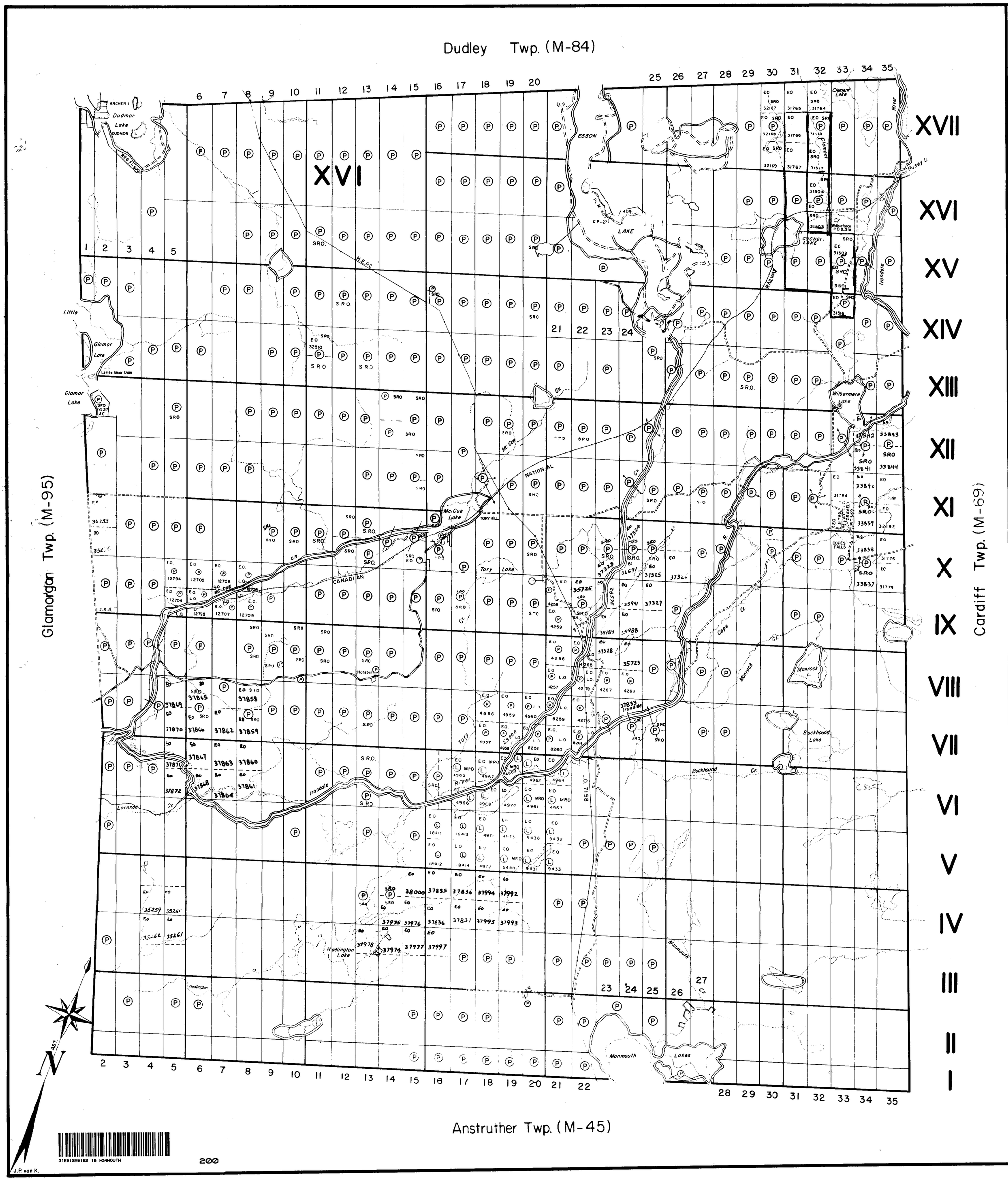
65.0 – 70.0

70.

MOLYBDENUM CORPORATION of AMERICA
OKA, P.Q.
CANADA

SIGNED

NORTHERN MINER FORM NO. 906




THE TOWNSHIP

OF

# MONMOUTH

COUNTY OF HALIBURTON

EASTERN ONTARIO MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

## LEGEND

| | |
|---|---|
| PATENTED LAND | Ⓟ |
| CROWN LAND SALE | C.S. |
| LEASES | Ⓛ |
| LOCATED LAND | Loc. |
| LICENSE OF OCCUPATION | L.O. |
| MINING RIGHTS ONLY | M.R.O. |
| SURFACE RIGHTS ONLY | S.R.O. |
| ROADS | |
| IMPROVED ROADS | |
| KINGS HIGHWAYS | |
| RAILWAYS | |
| POWER LINES | |
| MARSH OR MUSKEG | |
| MINES | ⚒ |

## NOTES

This Map Is Not To Be Used
—FOR SURVEY PURPOSES—

400' Surface rights reservation around all lakes and rivers.

Original shoreline shown thus:
F.R.I. shoreline shown thus:
Patents Map shoreline shown thus:

For status of summer resort locations shown thus
Please contact Dept. of Lands & Forests.

ONT. DEPT. OF MINES
MINING LANDS BR.
THIS MAP FOR CHECKING PURPOSES ONLY – MUST NOT BE SOLD.

DATE OF ISSUE
JUL 24 1968
ONTARIO DEPT. OF MINES

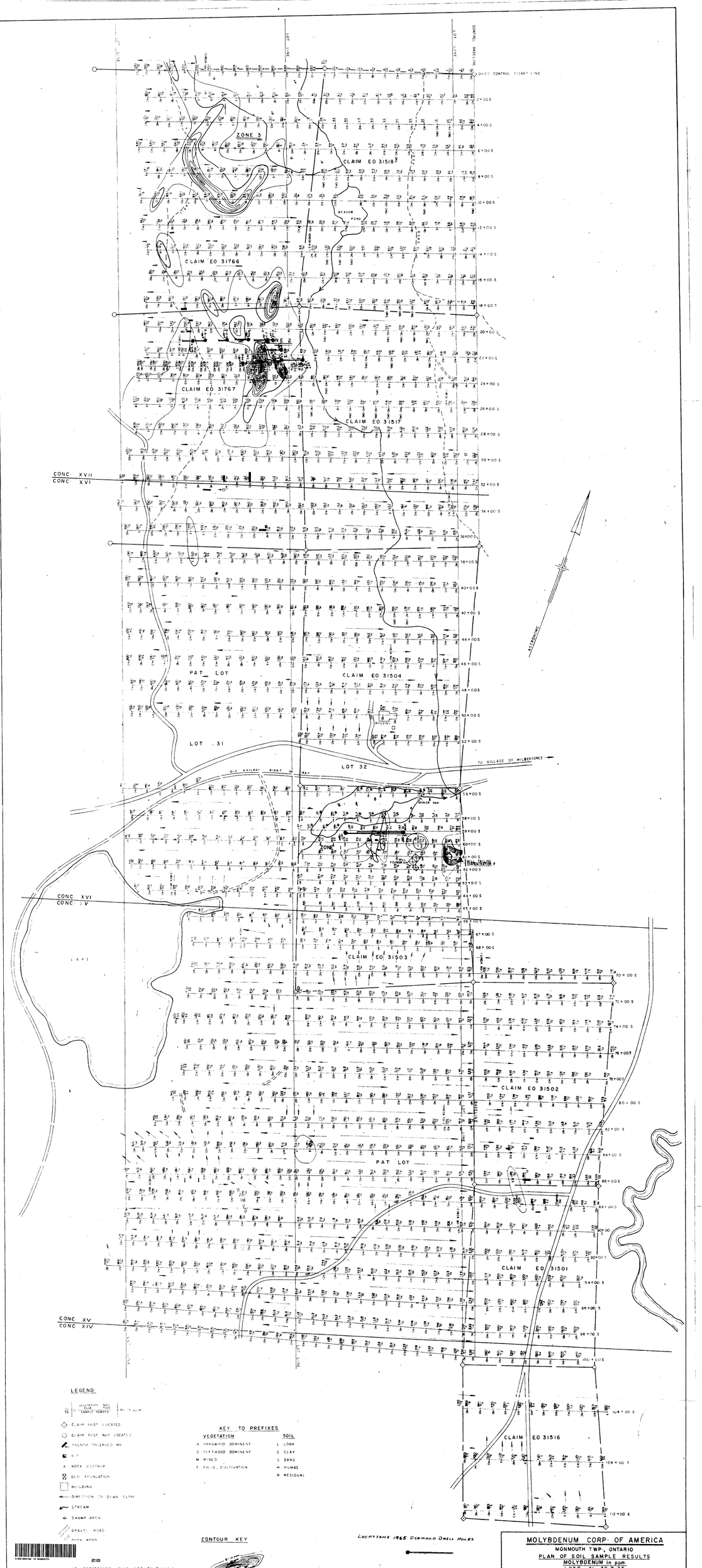
PLAN NO.-M.164

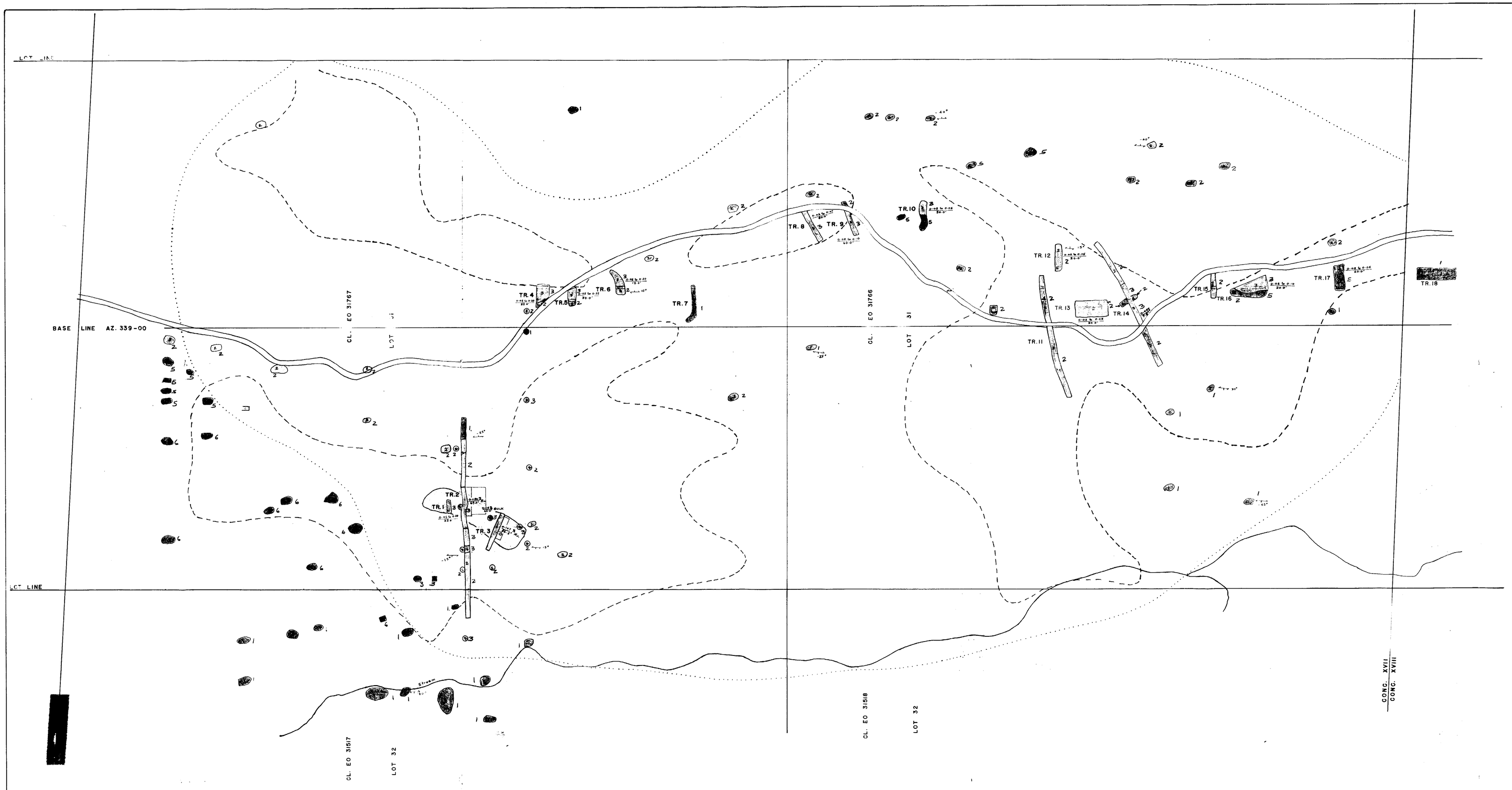
DEPARTMENT OF MINES
—ONTARIO—

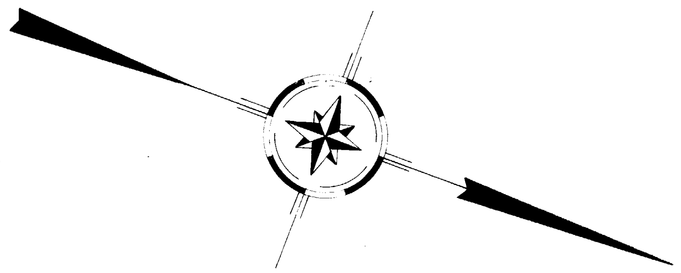
31E01SE0162 18 MONMOUTH

200

J.P. von K.


0+00 CONTROL PICKET LINE
ZONE 3
CLAIM EO 31518
BEAVER POND
CLAIM EO 31766
ZONE 2
CLAIM EO 31767
CLAIM EO 31517
CONC XVII
CONC XVI
PAT LOT
CLAIM EO 31504
LOT 31
LOT 32
TO VILLAGE OF WILBERFORCE
OLD RAILWAY RIGHT OF WAY
ZONE 1
CONC XVI
CONC XV
LAKE
CLAIM EO 31503
CLAIM EO 31502
PAT LOT
CLAIM EO 31501
CONC XV
CONC XIV
CLAIM EO 31516
LEGEND
CLAIM POST LOCATED
CLAIM POST NOT LOCATED
TRENCH (INDICATED MR)
PIT
ROCK OUTCROP
OLD FOUNDATION
BUILDING
DIRECTION OF DRAIN SLOPE
STREAM
SWAMP AREA
GRAVEL ROAD
HIGH ROAD
KEY TO PREFIXES
VEGETATION
H HARDWOOD DOMINENT
S softwood DOMINENT
M MIXED
F FIELD, CULTIVATION
SOIL
L LOAM
C CLAY
S SAND
H HUMUS
R RESIDUAL
CONTOUR KEY
LOCATIONS 1965 DIAMOND DRILL HOLES
210
NO: BACKGROUND VALUE (1-5 TO 3 ppm)
SUB: ANOMALOUS AREA 3 ppm (10 ppm (ZONE 1)
MINIMUM ANOMALOUS CONTOUR 10 ppm PLUS
CONTOUR INTERVAL 10 ppm
MOLYBDENUM CORP. OF AMERICA
MONMOUTH TWP., ONTARIO
PLAN OF SOIL SAMPLE RESULTS
MOLYBDENUM in ppm
LOTS 31, 32 & 33
DATE AUG 1965
SCALE 1" = 200'
J. R. MOWAT & ASSOCIATES OTTAWA, CANADA
SAMPLED A.L.
DRAWN R.T. WILLIS
COMPILED J.R.M.
CERTIFIED



## GEOLOGICAL LEGEND

6 PEGMATITE
5 GRANITE
4 APLITIC MATERIAL
3 DIOPSIDE
2 LIMESTONE
1. PARAGNEISS

## SYMBOLS

BUSH ROAD
OUTCROP
TRENCH OR STRIPPED AREA
D.D.H.
ESTIMATED STRIKE AND DIP
OUTLINE OF GEOCHEM ANOMALIES
PROBABLE CRYSTALLINE LIMESTONE ZONE 0'-30' THICK WITH SOME SCATTERED GNEISSIC BANDS CAPPING FLAT LYING MOLYBDENITE-BEARING DIOPSIDE 15'-60' THICK
0.09 / 6.6' — % MOS2 / FOOTAGE

# MOLYBDENUM CORP. OF AMERICA

PROPERTIES

OF

## NEW FAR NORTH EXPLORATION LTD.

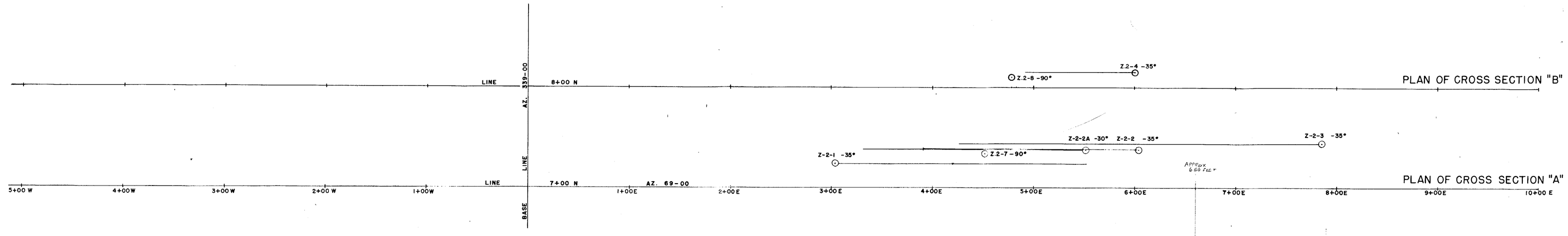
MONMOUTH TWP. HALIBURTON COUNTY, ONTARIO

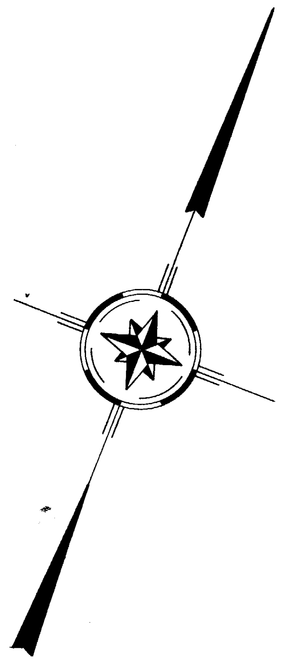
SCALE 1" = 100' DEC. 1966

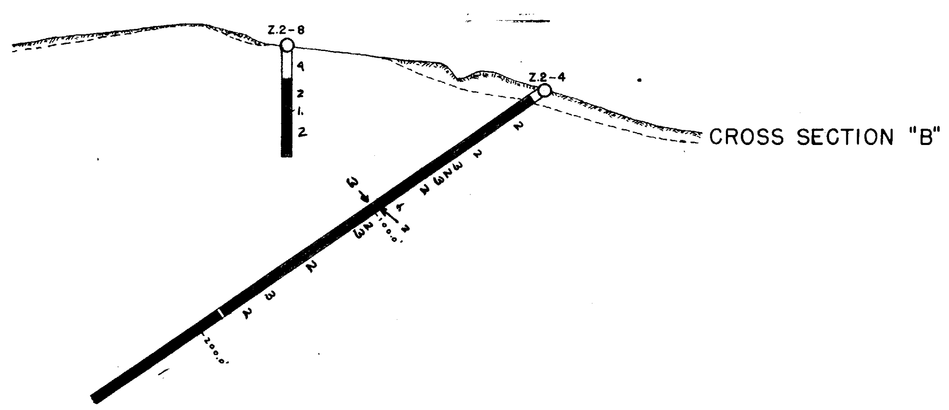
1" = 100
(2½ x 4)

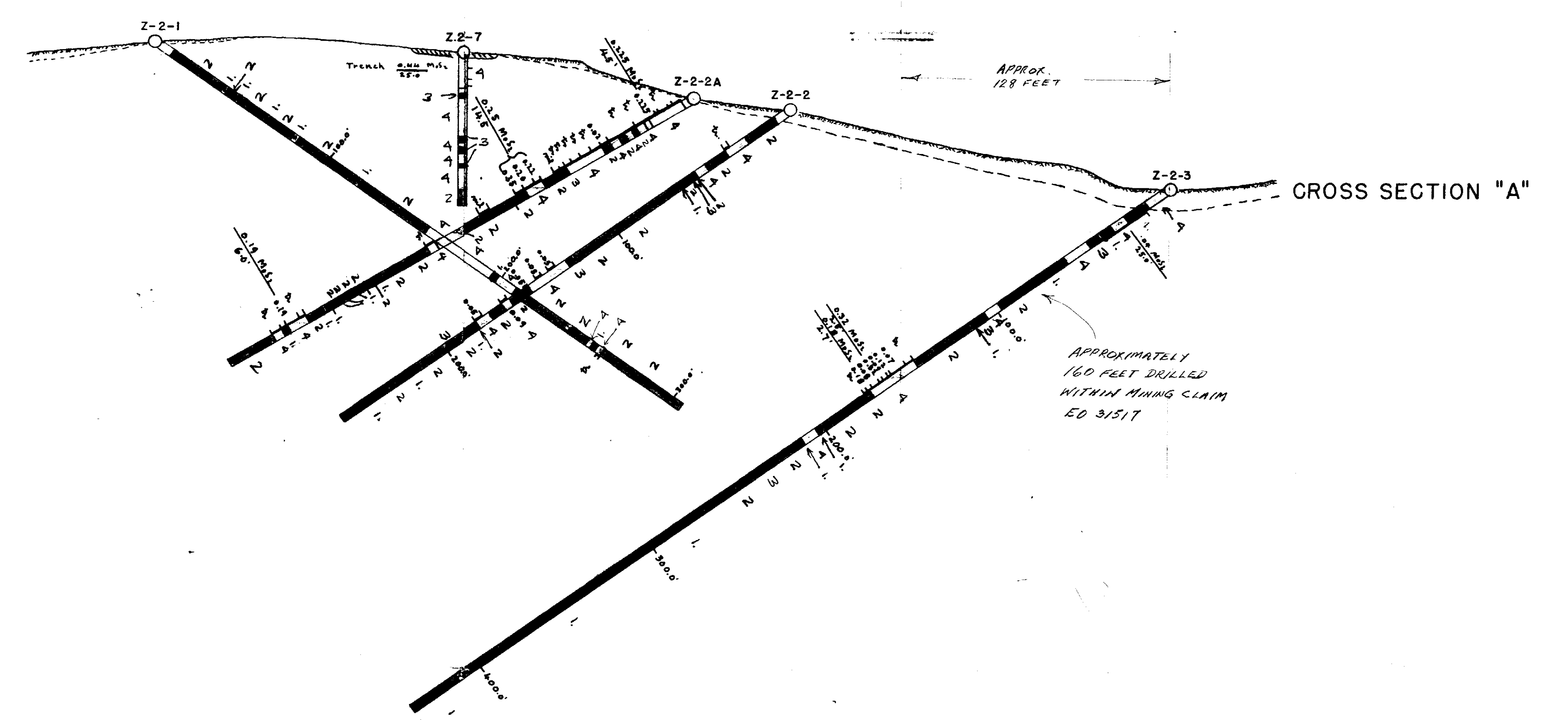
1-17

220






## LEGEND

### INTRUSIVES

- DIABASE
- NEPHELINE SYENITE
- NEPHELINE PEGMATITE
- DIOPSIDE-ALBITE 4
- GRANITE, GRANITE GNEISS 3
- DIORITE, GABBRO

### SEDIMENTS

- GRENVILLE LIMESTONE 2
- BIOTITE OR HORNBLENDE GNEISSES 1.
- QUARTZITE

# MOLYBDENUM CORP. OF AMERICA

PROPERTIES

OF

NEW FAR NORTH EXPLORATION LTD.

MONMOUTH TWP. HALIBURTON COUNTY, ONTARIO

SCALE 1" = 40' SEPT. 1965

(2½ x 4½)

EO 34

1-15