



S2C16SE8236 11 HEPBURN LAKE

010

Diamond Drilling

Area Hepburn Lake

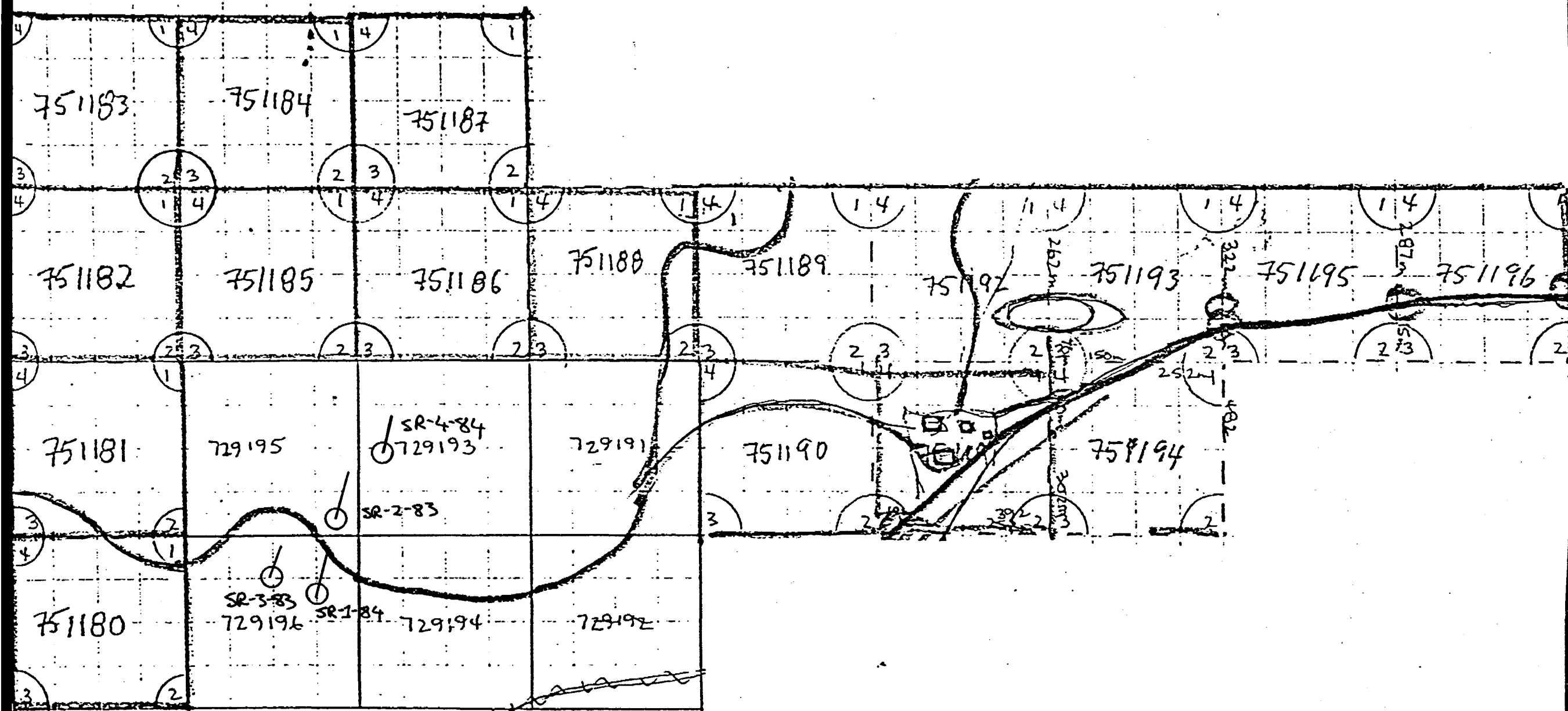
Report N^o 11

Work performed by: Lynx-Canada Explorations Ltd.

| Claim N ^o | Hole N ^o | Footage | Date | Note |
|----------------------|---------------------|---------|--------|---------|
| K 729196 | SR-1-84 | 253 | Jan/84 | (1) (2) |
| K 729195 | SR-2-84 | 303 | Jan/84 | (1) (2) |
| K 729196 | SR-3-84 | 333 | Feb/84 | (1) (2) |
| K 729193 | SR-4-84 | 353 | Feb/84 | (1) (2) |

Notes:

- (1) #242-84
- (2) Also submitted under OMEP. Report # OM83-3-C-354 (Nov. /88).



LYNX-CANADA EXPLORATIONS LIMITED

DIAMOND DRILL RECORD

Hole No. SR-2-84
Sheet No. 2

| Footage | | DESCRIPTION | Sample No. | From | To | Length | Au oz/ton | | | | |
|---------|-------|--|----------------------|--------------------|-------------------|---------------|------------------|--|--|--|--|
| From | To | | | | | | | | | | |
| 84 | 85.5 | Intermediate volcanics - massive sulphides - Coarse grained pyrite forms 60% of the rock in concordant bands - sulphide mineralization carries some quartz and calcite. | 8801 | 84 | 85.5 | 1.5 | | | | | |
| 85.5 | 88.5 | Intermediate volcanic rock - lapilli tuff - Banded @ + 40° to the core axis - Lapilli structures are well developed in the rock - Chlorite mineralization occurs to 15% of the rock - Rock shows shearing and carries 3-4% pyrrhotite smeared along the shear planes | 8802 | 85.5 | 87.5 | 2 | Tr | | | | |
| 88.5 | 90.5 | Intermediate volcanic rock - lapilli tuff - massive sulphides - Interbanded lapilli tuff and massive pyrite - Banding @ + 40° to the core axis - Pyrite averages 30% of this section and is markedly coarse grained | 8803 | 88.5 | 90.5 | 2 | Tr | | | | |
| 90.5 | 91.5 | Felsic volcanic rock - (Massive sulphides) - Quartz rich - highly contorted volcanic flow carries 25% sulphide mineralization which is predominately pyrrhotite | 8804 | 90.5 | 91.5 | 1 | Tr | | | | |
| 91.5 | 98.5 | Intermediate volcanic rock - lapilli tuff - massive sulphides - Pyrite forms 90% of the rock in some locations and averages 40% over the interval - Brecciated zones containing pyrrhotite occur @ 94, 95.5, 97.5-98 | 8805 8806 | 91.5 95 | 95 98.5 | 3.5 3.5 | Tr Tr | | | | |
| 98.5 | 108 | Massive sulphides - Massive pyrite forms 85% of this interval - Occasional quartz is seen in the pyrite - Pyrrhotite zones occur @ 99.5-101.5, 105.8-106.0 | 8807 8808 8809 | 98.5 101 104 | 101 104 108 | 2.5 3 4 | Tr Tr 0.01 | | | | |
| 108 | 109.5 | Intermediate volcanic - Banded - medium grained green - grey rock - Chlorite is exhibited along the banding planes | | | | | | | | | |
| 109.5 | 111.5 | Massive sulphides - Pyrite pyrrhotite forms 60% of the rock - Section has narrow flows of intermediate tuff carrying to 10% pyrite. | 8810 | 109.5 | 111.5 | 2 | 0.04 | | | | |

LYNX-CANADA EXPLORATIONS LIMITED

DIAMOND DRILL RECORD

Hole No. SR-2-84

Sheet No. 3

| Footage | | DESCRIPTION | Sample No. | From | To | Length | Au oz/ton | | | |
|---------|-------|--|--------------|--------------|------------|----------|------------|--|--|--|
| From | To | | | | | | | | | |
| 111.5 | 112.5 | Intermediate volcanic - Sheared - banded - green - grey rock - Shows chlorite development on shears and carries 3-4% pyrrhotite smeared along the shear planes. | 8811 | 111.5 | 112.5 | 1 | 0.01 | | | |
| 112.5 | 121 | Mafic volcanic rock - Banded - 45° to core axis - Rock is dark green and carries chlorite on the banding planes - Pyrite zone 10% @ 119-120 | 8812 | 119 | 120 | 1 | Tr | | | |
| 121 | 121.5 | Quartz vein - Vein shows very irregular borders and carries inclusions of wall rock | | | | | | | | |
| 121.5 | 181 | Intermediate - felsic volcanic - Banding well developed @ + 45° to the core axis - Intermediate flows carry Chlorite - Felsic flows are quartz rich and exhibit less banding and schistosity - Fractures across the banding and clean and do not show sli as in other zones. | | | | | | | | |
| 181 | 182.5 | Intermediate volcanic - Banded @ 30°-40° to the core axis - Quartz stringers conform with the banding - Pyrite - 20%, and pyrrhotite + 1% occur concordant to the banding | 8813 | 181 | 182.5 | 1.5 | 0.01 | | | |
| 182.5 | 191 | Breccia zone - Massive sulphides - Quartz - massive sulphide breccia - Some highly altered remnants of volcanic rock remain in the zone - Sulphides are pyrite and pyrrhotite - Tourmaline occurs with quartz and pyrrhotite @ 186-186.5 | 8814 8815 | 182.5 187 | 187 191 | 4.5 4 | 0.01 Tr | | | |

LYNX-CANADA EXPLORATIONS LIMITED

DIAMOND DRILL RECORD

Hole No. SR-2-84

Sheet No. 4

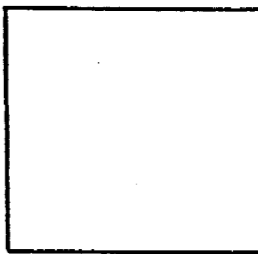
| Footage | | DESCRIPTION | Sample No. | From | To | Length | Au oz/ton | | | | |
|---------|-----|---|------------|-------|-------|--------|-----------|--|--|--|--|
| From | To | | | | | | | | | | |
| 191 | 202 | Intermediate - Felsic volcanic - Banded @ + 45° to the core axis - Chlorite is exhibited along banding planes - Quartz stringers and fracture fillings occur at random through the interval - Pyrite - pyrrhotite plus quartz filled fracture zone 4" thick occurs @ 197.5 | 8816 | 197.5 | 201.5 | 4 | 0.01 | | | | |
| 202 | 205 | Breccia zone - Massive sulphide - quartz - Zone is 75-80% pyrite and up to 5% pyrrhotite - Quartz and chlorite occur at random through the interval - Sulphides are massive @ 202 and become leaner towards 205 | 8817 | 202 | 205 | 3 | 0.03 | | | | |
| 205 | 248 | Intermediate volcanic - Banded - 40-45° to the core axis - Banding becomes weaker towards the lower end of the section - Narrow stringers of pyrite occur through the section and exceed 1/2% of the rock - Upper portion of the section exhibits lapilli structures - Lower part of the section exhibits an increase in chlorite content and becomes finer grained vs the upper section - Narrow fractures with quartz - carbonate filling occur through the interval. Some of the quartz fractures show evidence of being reworked and cemented with calcite. These stringers occasionally carry small amounts of pyrite. | | | | | | | | | |
| 248 | 252 | Massive sulphide zone (Breccia with quartz) - Massive pyrite with quartz matrix - Pyrite 60-70% of the rock - Chlorite is located in bands with less sulphide | 8818 | 248 | 250 | 2 | Tr | | | | |
| | | | 8819 | 250 | 252 | 2 | 0.01 | | | | |

LYNX-CANADA EXPLORATIONS LIMITED
DIAMOND DRILL RECORD

Hole No. SR-3-84

| | | | |
|-------------------------------|--------------------------|---------------------------------|-----------------|
| Hole No. SR-3-84 Sheet 1 of 3 | Length 333' | Commenced February 4, 1984 | Dip: Collar -50 |
| Property Seine River | Bearing Grid North | Completed February 10, 1984 | Etch Test |
| Township | Dip -50° | Drilling Co. Norwescon Drilling | Depth |
| Location 0 + 75W/1 +12S | Objective VLF-EM Anomaly | Core Size B.Q. | Rdg. 330' |
| | | Casing Left in Hole No | 46° |
| | | | 43° |

Location Sketch North



Claim No. K 729196

Scale: 1" = 1000'

Remarks Drilled by: S. Duggan
Logged by: J. Gaunt Core stored at Drill Site

| Footage | | DESCRIPTION | Sample No. | From | To | Length | Au oz/ton | | |
|---------|-------|--|------------|-------|-------|--------|-----------|--|--|
| From | To | | | | | | | | |
| 0 | 5 | Casing | | | | | | | |
| 5 | 122 | Intermediate volcanic - Banded @ 40° - 50° to the core axis - Light grey - green coloured rock with white quartz stringers and narrow fracture fillings - Rock has open recent fractures throughout making drilling rather blocky - Iron formation - 6" band @ 15.5'-16' - Quartz magnetite pyrite iron formation shows drag folding - magnetite is in narrow massive bands - Pyrite is in bands and disseminations through the quartz. - Quartz filled fractures cut the structure of the primary folding. - Sulphide iron formation occurs over 18" @ 38-39.5. - Pyrite makes up 10% of this unit. - Crushed veins of tourmaline & quartz occur 2" @ 109, 4" @ 118. | | | | | | | |
| 122 | 202 | Intermediate & felsic volcanic - Banded intermediate flows similar to 5-122 - Inter banded with felsic flows as follows 122-125, 143-152, 175-189, 190.5-201 - Felsic flows are vaguely banded, quartz rock, light grey coloured and have sparse fine grained pyrite < 1/4% | | | | | | | |
| 202 | 205 | Felsic volcanic - quartz schist - Carries large crystals of pyrite to 1/2% of the rock | 8820 | 203 | 205 | 2 | Tr | | |
| 205 | 208.5 | Quartz breccia zone - 205-207 Quartz with fracture fillings of calcite, pyrrhotite, pyrite | 8822 | 205 | 206.5 | 1.5 | Tr | | |
| | | | 8823 | 206.5 | 208.5 | 2 | Tr | | |

LYNX-CANADA EXPLORATIONS LIMITED

DIAMOND DRILL RECORD

Hole No. DDH SR-3-84

Sheet No. 2

| Footage | | DESCRIPTION | Sample No. | From | To | Length | Au oz/ton | | | |
|---------|-------|---|------------------------------|----------------------------|--------------------------|--------------------|----------------------|--|--|--|
| From | To | | | | | | | | | |
| 205 | 208.5 | - 207-208.5 - Massive pyrite and quartz - pyrite to 30% | | | | | | | | |
| 208.5 | 211 | Felsic volcanic - Banded @ 40° to core axis - Light grey - quartz rich with pyrite stringers to 1% | 8824 | 208.5 | 211 | 2.5 | Tr | | | |
| 211 | 218.5 | Quartz breccia - masive sulphides - 211-215 - massive pyrrhotite with minor pyrite in a quartz matrix - 215 - 218.5 - massive pyrite with minor pyrrhotite and a quartz matrix - Chlorite is evident on locations in this section where banding is shown | 8825 8826 | 211 215 | 215 218.5 | 4 3.5 | Tr Tr | | | |
| 218.5 | 230 | Intermediate volcanic - chlorite schist and tuff - Well banded @ 45°-50° to the core axis - Chlorite and talc coated slickenslides are well developed along the banding planes - Narrow quartz bands with massive pyrite occur at random | 8827 8828 8829 8830 | 218.5 223 228 233 | 223 228 233 236 | 4.5 5 5 3 | Tr Tr Tr Tr | | | |
| 230 | 244.5 | Felsic volcanic - Banded @ + 45° - Rock is quartz rich, light grey in colour and shows well developed schistosity - Pyrite occurs in narrow bands and disseminations to 1% of the rock | | | | | | | | |
| 244.5 | 257 | Quartz breccia - massive sulphide zone - Pyrite to 70% in a quartz matrix. Pyrite is massive fine grained - Graphite is present along shear planes @ 252 | 8831 8832 8833 | 244.5 248 253 | 248 253 258 | 3.5 5 5 | Tr Tr Tr | | | |
| 257 | 270 | Intermediate volcanic - Chlorite schist & tuff - Banded - 40-50° to the core axis - Rock is similar to section 218.5-230 | 8834 8835 8836 | 258 263 268 | 263 268 273 | 5 5 5 | Tr Tr Tr | | | |
| 270 | 283 | Chlorite schist and tuff with massive sulphides - Bands of massive pyrite plus zones of disseminated pyrite occur through the interval. Quartz occurs with the sulphides in the bands. | 8837 8838 | 273 279 | 279 283 | 6 4 | Tr Tr | | | |

LYNX-CANADA EXPLORATIONS LIMITED
DIAMOND DRILL RECORD

DM

Hole No. SR-4-84

| | | | | |
|--|---------------------------------|---|--|---|
| Hole No. <u>SR-4-84</u> Sheet <u>1</u> | Length <u>353'</u> | Commenced <u>Feb. 10/84</u> | Dip: Collar <u>-50°</u> | Location Sketch North ↑ Claim No. <u>729193</u> Scale: 1" = 1000' |
| Property <u>SEINE RIVER</u> | Bearing <u>025° Az</u> | Completed <u>Feb. 12/84</u> | Etch Test Depth Rdg. True | |
| Township | Dip <u>-50°</u> | Drilling Co. <u>Norwescon Development</u> | <u>No Tests</u> | |
| Location <u>L 0 + 00 1 + 72.5 N</u> | Objective <u>VLF-EM Anomaly</u> | Core Size <u>BQ</u> | | |
| | | Casing Left in Hole <u>No</u> | | |
| Remarks _____ | | | | |

| Footage | | DESCRIPTION | Sample No. | From | To | Length | | | | | | | | | | |
|---------|-----|--|------------|------|----|--------|--|--|--|--|--|--|--|--|--|--|
| From | To | | | | | | | | | | | | | | | |
| 0 | 18 | Casing | | | | | | | | | | | | | | |
| 18 | 353 | Mafic and Intermediate Volcanics Rock varies through chlorite phyllite to schist to porphyritic flows with feldspar phenocrysts Qtz - tourmaline veins at 32.0, 35.0, 63.0, 68.0, 82.0, 95.0, 194.0-197.0, 201.0, 217.0, 226, 230.0-231.5, 269.0-270.0, 293.0-294.0. Minor felsic-qtz-rich-flows at 44.5-45.5, 66.0-69.0, 132.0-134.0, 137.0-141.0, 288.0-295.0 Rock is green to dark green with light color banding at 40°-60° to core axis END OF HOLE 353' | | | | | | | | | | | | | | |

KENORA
 MINING DIV.
 OCT 18 1984
 AM 3 8 9 10 11 12 1 2 3 4 5 6 PM

Randy [Signature]



52C16SE8236 11 HEPBURN LAKE

242-84
m for each
le below).
32 "Report
chemical and

Name and Postal Address of Recorded Holder: Lynx-Canada Explorations Ltd. T 216
520 - 25 Adelaide St. East, Toronto, Ontario M5C 1Y2

Summary of Work Performance and Distribution of Credits

| Total Work Days Cr. claimed 1222 | Mining Claim | | | Mining Claim | | | Mining Claim | | |
|---|--------------|--------|---------------|--------------|--------|---------------|--------------|--------|---------------|
| | Prefix | Number | Work Days Cr. | Prefix | Number | Work Days Cr. | Prefix | Number | Work Days Cr. |
| for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey | K | 729191 | 60 | K | 751182 | 60 | K | 751190 | 60 |
| | | 729192 | 60 | | 751183 | 60 | | 751191 | 60 |
| | | 729193 | 22 | | 751184 | 60 | | 751192 | 60 |
| | | 729194 | 20 | | 751185 | 60 | | 751193 | 60 |
| | | 729195 | 20 | | 751186 | 60 | | 751194 | 60 |
| | | 729196 | 20 | | 751187 | 60 | | 751195 | 60 |
| | | 751180 | 60 | | 751188 | 60 | | 751196 | 60 |
| | | 751181 | 60 | | 751189 | 60 | | | |

All the work was performed on Mining Claim(s): 729193 729195 729196

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
RESEARCH OFFICE

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Drilling performed by Norwescon Development Limited
Fort Francis, Ontario

Drilling completed between: January 22, 1984 and February 14, 1984.

- SR1-84-253'
- SR2-84-303'
- SR3-84-333'
- SR4-84-353'

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
RESEARCH OFFICE
OCT 31 1984
RECEIVED

NOV 13 1984
RECEIVED

KENORA MINING DIV.
RECEIVED
SEP 24 1984
AM 7:8 9:10:11:12:1 1:2:3:4:5:8 PM

Date of Report: September 20, 1984
Recorded Holder or Agent (Signature): *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

Randy Crowley, 520 - 25 Adelaide St. East, Toronto, Ont. M5C 1Y2

Date Certified: Sept. 20, 1984
Certified by (Signature): *[Signature]*

Table of Information/Attachments Required by the Mining Recorder

| Type of Work | Specific information per type | Other information (Common to 2 or more types) | Attachments |
|---|--|---|--|
| Manual Work | Nil | 729191 Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment. | Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post. |
| Shaft Sinking, Drifting or other Lateral Work | | | |
| Compressed air, other power driven or mechanical equip. | Type of equipment | Names and addresses of owner or operator together with dates when drilling/stripping done. | Work Sketch (as above) in duplicate |
| Power Stripping | Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording. | | |
| Diamond or other core drilling | Signed core log showing: footage, diameter of core, number and angles of holes. | | |
| Land Survey | Name and address of Ontario land surveyor. | Nil | Nil |

BENNETT TW

FOR STATUS REFER

Hepburn Lake
G-532

