REPORT

TO

THE BOARD OF DIRECTORS

OF

LYNX CANADA EXPLORATIONS LIMITED

ON

MC CONNELL TOWNSHIP PROJECT

SUDBURY MINING DIVISION

March 4, 1982
LOCATION AND ACCESS

The area under discussion comprises the south-central portion of Me Connell Township (Latitude 46° 54'; Longitude 80° 38') and is located approximately 45 km northeast of Sudbury (refer to Milnet, Ontario Topographic Map 41 1/15) Access to Me Connell Township is by way of highway 545, northeast of the Town of Capreol to the Junion Ranger Camp turn-off at the gravel pit 10km south of the town of Milnet, Ontario, and thence by all-weather road to Laura Lake. A system of logging roads north and west of Evelyn Lake provide access to the small unnamed Lake east of Marjorie Lake. The Lynx Concession can then be reached by boat. All other roads and trails indicated on 1975 air photos or on OGS Preliminary Map 2349 are either completely overgrown or negotiable on foot only. The Property is also accessible by float-equipped aircraft or by helicopter. (Ramsay Airways, Sudbury)

COMPANY CLAIMS

Persuant to a letter agreement dated March 24, 1981, the Company acquired an option to purchase from Jack Stoch Geoconsultant Services Limited (the Vendor) the following mining claims located in Me Connell Township, Sudbury Mining Division:

- S-573350-71 incl.
- S-573394
- S-573397-98 incl.
- S-573401-02

- S-573405-09 incl.
- S-573416-37 incl.
- S-573482-500 incl.
- S-608001-07 incl.

The Company has paid $16,160.00 to obtain an option to acquire the claims on or before March 14, 1982 by the payment of Net Smelter Returns of 2 1/2% ranging to 5%. This option may be renewed to March 14, 1983 by the payment of $15,000.00 to the Vendor. Because the results of the work herein described offered little encouragement, I recommend that you not make the Option Payment referred to above and that you return the claims to the Vendor.

PROPERTY DESCRIPTION

The Chiniguchi Lake area (C. Morest, Me Connell and Telfer Townships) is underlain by sedimentary rocks belonging to the Huronian Supergroup and intruded by hipissing gabbro and by olivine diabase. The diabase is the youngest rock in the area and has been included in the Dusbury Swarm dated 1460 +/- 130 m.y. (Gates and Hurley, 1973)
GEOLOGY OF MC CONNELL TOWNSHIP

Quartzites belonging to the Lorrain Formation of the Cobalt Group underlie much of Mc Connell Township. To the south, the formation reaches 3400 m. in thickness; in the Maple Mountain area to the north, the Lorrain measures 2300 m. thick. (Dressler 1981). The Lorrain Formation is dominantly a sandstone unit consisting of arkose, hematitic and aluminous quartzite, orthoquartzite, and quartz-jasper pebble conglomerate lenses. The presence of diaspore and other aluminous minerals within Lorrain quartzites, presumably marks a changeover from rigorous, possibly glacial, conditions to tropical climatic conditions (Chandler et al. 1969). The unit as a whole represents littoral, beach, dune and possibly fluvial deposition.

ECONOMIC POTENTIAL

The discovery of significant gold showings has been reported by Flag Oils Limited from their claims in the same geological environment as the Company's and adjacent to the south. It was recommended that the Company's claims be examined for this gold potential.

PROGRAM

It was recommended that an initial program be undertaken as follows:

1. Airborne Magnetic and Electromagnetic Survey
2. Geological mapping on surface.

The program proceeded as follows:

1. On June 23, 1981 the Company agreed with Canadian Occidental Petroleum Limited and certain other Companies to share the cost of conducting an Airborne Magnetic and Electromagnetic Survey over an area which includes the Company's Claims. This survey was commenced on June 2, 1981 and the Company has received a report from Kenting Earth Sciences Limited describing the results which is attached hereto as Appendix "A".

2. On September 1, 1981 Mrs. Cynthia Coron was retained to carry out Geological studies and mapping on the Company's claims. Her preliminary report has been received and is attached hereto as Appendix "B".

Mrs Coron is out of the country at present and cannot provide a final co-relation of the airborne results and her work until her return.
CONCLUSION

It is recommended that no further work be undertaken and that the claims be returned to the Vendor.

SIGNED: "M.I. Watson, P. Eng.

March 5, 1982

I hereby certify that this is a true copy of the report prepared for the Company by Mr. M.I. Watson, P. Eng. and dated March 4, 1982.

SIGNED: ____________________________

T. Peter Matthews
Chairman and Treasurer

LYNX-CANADA EXPLORATIONS LIMITED
OPERATIONS REPORT ON
AIRBORNE GEOPHYSICAL SURVEY
IN THE
PROJECT WOLF AREA, ONTARIO
FOR
CANADIAN OCCIDENTAL PETROLEUM LTD.

BY

KENTING EARTH SCIENCES LIMITED, OTTAWA

PROJECT NO. 81058

RECEIVED
APR 1, 1982
MINING LANDS SECTION

KENTING EARTH SCIENCES LIMITED
380 HUNT CLUB ROAD, OTTAWA, ONTARIO K1G 3N3
OPERATIONS REPORT ON
AIRBORNE GEOPHYSICAL SURVEY
IN THE
PROJECT WOLF AREA, ONTARIO
FOR
CANADIAN OCCIDENTAL PETROLEUM LTD.

BY
KENTING EARTH SCIENCES LIMITED, OTTAWA
PROJECT NO. 01058

OTTAWA, CANADA
July 8, 1981.

E. J. Wilson, B.Sc.
Chief Geophysicist
(Data Processing)
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1. INTRODUCTION 1
2. INSTRUMENTATION 2
3. PRESENTATION AND PROCESSING OF DATA 5

ACCOMPANYING THIS REPORT:

Appendices

A - KENTING DIGITAL SURVEY SYSTEM
B - AIRBORNE DIGITAL DATA FORMAT
C - DATA PROCESSING FLOWCHART

Maps

1 ca. - Total Field isomagnetic contour map
2 ca. - Totem VLF Profile maps
2 ca. - Totem VLF Total Field contour maps
All at a scale of 1:20,000 (approximately)
1. INTRODUCTION

This report pertains to the operations on a combined airborne magnetometer and VLF-electromagnetometer survey carried out in the Project Wolf area of Ontario for Canadian Occidental Petroleum Ltd. The survey was flown on June 2, 1981 by Kenting Earth Sciences Limited geophysically equipped Canso aircraft (registration C-FJG) based at Sudbury, Ontario.

Forty-one traverses were flown in a north-south direction over the survey area at a spacing of 1320 feet. A mean terrain clearance of 150 to 200 feet was maintained throughout the survey. Geophysical data were acquired from a total of 224.1 line miles.

The following Kenting personnel were associated with this project:
The Kenting Digital Survey System (KDSS) was used in the survey for data acquisition. A technical description and specifications of this unit appear in Appendix A to this report.

The airborne magnetometer was a Gulf fluxgate Mark III unit which measures total field intensity with a resolution of 1 gamma.

The VLF-EM system employed was the Totem 1A instrument manufactured by Herz Industries Ltd. and was tuned to transmitter station NAA, Cutler, Maine.
A Honeywell Radar altimeter provided terrain clearance measurements.

An AS-5 35mm continuous strip camera recorded the flight path.

All data were recorded every half second in digital form by the KDSS system. The format appears in Appendix B.

Analogue recordings, digital recording and film are flagged with numbered fiducial marks every five seconds to enable correlation.

A six channel Brush 260 analogue recording unit recorded the total field magnetometer and radar terrain clearance data in analogue form.

The quantities measured, format and scales on this recording are as follows, with the chart oriented such that fiducial numbers increase to the left.
<table>
<thead>
<tr>
<th>Channel No.</th>
<th>Parameter</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Radar terrain clearance</td>
<td>0 - 300 feet</td>
</tr>
<tr>
<td>5</td>
<td>Total field</td>
<td>0 - 1000 gammas</td>
</tr>
<tr>
<td>4</td>
<td>Magnetometer</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>fiducials</td>
<td>increasing to left</td>
</tr>
</tbody>
</table>

All quantities increase upwards.

An overlapping dual channel Brush 110 10 inch analogue recorder recorded the Totem VLF data. With the chart oriented as above the format is as follows:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top of Chart Fiducials</td>
<td>increasing to left</td>
</tr>
<tr>
<td>Totem VLF total field</td>
<td>Zero 2.5 in from top</td>
</tr>
<tr>
<td></td>
<td>1&quot; = 10%</td>
</tr>
<tr>
<td>Totem VLF Quadrature</td>
<td>Zero 2.5 in from bottom</td>
</tr>
<tr>
<td></td>
<td>1&quot; = 10%</td>
</tr>
</tbody>
</table>
A time synchronized magnetic diurnal base station was run during the survey. The magnetometer was a Geometrics 003 and the data was logged by a KDSS. Total field magnetic readings were logged digitally every second and displayed on a 10 in. analogue chart moving at 30 cm/hour with a full scale of 100 gammas. Time is included head scan of the digital recording and marked every 10 minutes on the analogue chart.

3. PRESENTATION AND PROCESSING OF DATA

The survey data are presented on a uncontrolled air-photo mosaic base at a scale of approximately 1:20,000. This mosaic was also used for visual navigation and flight path recovery.

The data from the two flight line directions are presented on separate maps. Aeromagnetic data is presented as contours at 10 gamma intervals only on the north-south set of lines; the Totem VLF is presented two ways: as profiles on flight lines of Total Field and Quadrature at a scale of 1 cm = 20% and as Total Field contours at an interval of 5%.
All digital data were examined and edited for spurious samples and noise.

The magnetic data have been levelled using a manual adjustment method referring to crosslines and diurnal recording: where necessary. The data were then corrected by computer and the profile-contour intercepts machine drafted and contours fair-drawn by hand.

The Totem VLF data were rescaled, lightly filtered using a low pass frequency filter (cut-off 0.13, roll-off 0.16 cycles/sample) and the quadrature of north to south and east to west lines inverted to remove the flight direction effect of the aircraft. The data were then levelled using a simple statistical technique to estimate the position of the base line and drafted in profile and contour form. A general flow of processing is found in Appendix C.

Respectfully submitted,

E. John Wilson, B.Sc.
Chief Geophysicist
(Data Processing)
The Kenting Digital Survey System (KDSS) is an integrated data acquisition system developed by Kenting Earth Sciences Limited to meet the increasingly sophisticated requirements of digital airborne mineral exploration.

The system replaces discrete instruments with integrated hardware under the control of a mini computer. It replaces the analogue window spectrometer with an improved digital analysis technique and incorporates a proton magnetometer with technologically current processing circuitry. In addition, all geophysical instruments which are compatible in a multi parameter survey, together with navigation systems can be readily integrated into the KDSS.

The system not only acquires data, operates and monitors all sub-systems such as magnetometers, gamma ray spectrometers, E.M. units, radar altimeters, Doppler, but it performs computations in real time while surveying is underway.

The KDSS is a software controlled system, the basic hardware is therefore an extremely flexible recording system. It can be used to collect and record data, as a magnetic tape copying system or as a spectrum analyser. The system's function is limited only by the non-existence of a suitable program.

KENTING EARTH SCIENCES
560 Hunt Club Road,
Ottawa, Ontario,
Canada K1G 3N3
Telephone (613) 521-1630
Telex: 615-9473

KENTING AFRICA RESOURCE SERVICES
53 Lawson Street,
P.O. Box 1659,
Lagos, Nigeria,
Africa
Telephone 25227-27235
Telex: 95521325

KENTING EXPLORATION SERVICES
5636 Dunbarton Crescent S.E.,
Calgary, Alberta T2H 1Z6
Telephone (403) 752-6633

The KDSS has been designed with the operator in mind. Programs are stored on magnetic tape cassettes. Programs, which determine the system's function can be loaded or changed in a matter of seconds thereby directing the system to assume specific tasks.

Two identical output tape decks are incorporated to enhance data security. Data is recorded on each tape simultaneously.

Data reliability is increased by the use of read after write heads in each recording unit. Each bit of recorded data is checked against the data stored in the computer's buffer for conformance. If any data does not conform the complete data block is rechecked up to six times for each deck. Each tape deck is completely independent in its operation from the other. All recording is done serially on one track only. With four tracks available, assuming a sample rate of 1 second, tape capacity is 8 (4 x 2) hours.

The application of mini computer technology has enabled Kenting Earth Sciences to add new dimensions to data collection and processing.

Typical KDSS features which will assure new efficiency levels in airborne data recording:

1) All system commands are inputted through a standard electronic keyboard thus controlling all components.
2) All data is displayed in the aircraft via a Cathode Ray Tube.
3) Exact time is recorded (to 1 second intervals) generated by a stable time base crystal clock.
4) Magnetic tape remaining in cassettes is monitored and a warning is issued as supply becomes critical.
5) Allows operator to type onto tape various verbal messages — data pertinent to flight path recovery, topography etc.
6) Information normally written on to the mag tape includes:
   Operator identification
   Time
   Date
   Camera interval in seconds
   Flight time number and direction
   Camera frame number
KEATING DIGITAL SURVEY SYSTEM

SPECIFICATIONS

ELECTRICAL REQUIREMENTS
Voltage — 28 VDC
Power — 400 WATTS

PHYSICAL DIMENSIONS
19" rack mounting
40 kg

PROCESSOR
CPU — Fabritrek MP-12 Microprocessor
Core Memory — Random Access, 4K 12 bit words

INTERFACES
All interfacing TTL compatible, a) altimeter averaging
over the sample interval, b) heading recording, c) strip
and frame cameras.

KEYBOARD
Standard alpha-numeric, typewriter style, key pad 64
ASCII characters.

CATHODE RAY TUBE
Cybernex, 32 characters per line
16 lines per page

SPECTROMETER
256 Channels
Maximum counts — 4,096 per channel

DETECTOR PACKAGE
Manufacturer — The Harshaw Chemical Company,
Division of Kewanee Oil Company.
16" x 4" x 4", Na I crystals, coupled to 3½" low noise
photomultiplier tubes, packaged in groups of four,
available in multiples thereof. Single assembly
resolution — less than 0.5%. Heated package
maintained at 35°C + 1°C, 24 hours/day. Each P.M.
tube is interfaced to an amplifier co-ax driver. This
amplifier Is incorporated within the driver network cap.
Coupled to each co-ax driver is a variable gain
amplifier to permit balancing of individual assemblies.
All variable gain amplifiers are connected to a
summing amplifier in which pulses are shaped and
system gain is adjusted. An input terminal Is provided
to permit the injection of pulses from a nuclear pulse
generator.

SYSTEM RESOLUTION
Better than 12%.

Max Dead Time — 12 microseconds

Max. Difference between energy increments 0.35 KEV.
Total spectrum is available at a connector to facilitate
spectrum display on an oscilloscope.
Window programming by digital logic.
The window positions may be automatically adjusted
to a calibration source if desired.
The count from each window is displayed on a CRT
screen.

Windows may be easily programmed to permit the
operator via the CRT keyboard to any required editing.

MAGNETOMETER
Recording resolution — 0.1 gamma
Floating precision — 0.1 gamma
Operation is synchronized to data system.

ELECTROMAGNETIC SYSTEM
Provision is made for the installation of any
required E.M. system.
Noise level: Dependent on system selected.

ALTIMETER:
Dual Honeywell HG7002AC02
Accuracy ± 0.2% at 400 ft
Resolution 5 ft

PULSE HEIGHT ANALYSIS
Pulses are channeled in a special circuit for best A/D
resolution.
Pulses are unipolar
Analogic to Digital Converter — Wyleran Rump type
12 bit BCD.

LINEARITY
Integral — Better than 0.075% over 0% to full scale.
Differential — Less than 1% deviation from mean
channel width over 0% to full scale.

POSITIONING EQUIPMENT
Doppler, VLF or any other method of positioning can
be incorporated.

ANCILLARY RECORDING CAPABILITY
16 analogue channels, resolution to 1 part in 10,000, 3
accumulator channels 0-009 counts per channel.

CAMERA
Any continuous strip or frame camera. Keating
provides AS-5 strip, PSC Mark VII and Automax II.
Frame cameras.

CONTROL LOGIC
Computer buffered. Almost any conceivable survey
system or combination of systems can be
accommodated.
## APPENDIX B

**AIRBORNE DIGITAL DATA FORMAT**

Tape 9-pack 800 Dpi. ASCII code (6 Bit) Job No. 61050

One file per flight

Tape block types

Data distinguished by first two bytes being $BB_{16}$

**Dummy** binary zeros substituted for missing data distinguished by first two bytes being $BB_{16}$

**Message** ASCII character string blocked out with binary zeros distinguished by first two bytes being $AA_{16}$

Short data blocks at ends of lines are filled out to 774 bytes with binary zeros.

**File structure**

**File header first block**

Job No., Tape No., File No., Flight No.,

End of file - a file mark

**Data Block Organization (general)**

Block Header Char 1-18

Char 1-5 = BLK No. (reset for every line)

7-11 = Line No.

12 = Line direction

13-18 = Time xx hrs., xx mins., xx secs.

**Data Block Format** C-FJJKG Record Length 774

**Data Format** 6 scans 21 channels at .5 second scan rate

For each scan

<table>
<thead>
<tr>
<th>CHANNEL NO.</th>
<th>LOCATION</th>
<th>CONTENTS</th>
<th>CHANNEL TYPE</th>
<th>COMMENT</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1-6</td>
<td>Fiducial</td>
<td>Digital</td>
<td>.5 second not used</td>
</tr>
<tr>
<td>2</td>
<td>7-12</td>
<td></td>
<td></td>
<td>l gamma</td>
</tr>
<tr>
<td>3</td>
<td>13-18</td>
<td></td>
<td>Magnetometer</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>19-24</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>25-30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>31-36</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>37-42</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>43-48</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>49-54</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>55-60</td>
<td>not used</td>
<td>Analog 0</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>61-66</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>67-72</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>73-78</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>14</td>
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<td>15</td>
<td>85-90</td>
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<td>16</td>
<td>91-96</td>
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<tr>
<td>17</td>
<td>97-102</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>103-108</td>
<td>Altimeter</td>
<td>Digital</td>
<td>1/10Fl.</td>
</tr>
<tr>
<td>19</td>
<td>109-114</td>
<td>Total Field</td>
<td>Totem VLF9</td>
<td>.25%</td>
</tr>
<tr>
<td>20</td>
<td>115-120</td>
<td>Quadrature</td>
<td>Totem VLF10</td>
<td>.25%</td>
</tr>
<tr>
<td>21</td>
<td>121-126</td>
<td>not used</td>
<td></td>
<td>11</td>
</tr>
</tbody>
</table>

First character in analogue channel indicates sign, followed by 5 characters of amplitude
GEOGRAPHICAL – GEOLOGICAL – GEOCHEMICAL
TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Airborne Geophysical
Township or Area McConnell Township
Claim Holder(s) Lynx-Canada Explorations Limited
Survey Company Kenting Earth Sciences Limited
Author of Report E.J. Wilson, B. Sc.
Address of Author Ottawa
Covering Dates of Survey June 1981
Total Miles of Line Cut

SPECIAL PROVISIONS
CREDITS REQUESTED

Geophysical
Electromagnetic
Magnetometer
Radiometric
Other
Geological
Geochemical

ENTER 40 days (includes line cutting) for first survey.
ENTER 20 days for each additional survey using same grid.

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)
Magnetometer, 10 Electromagnetic, 20 Radiometric

DATE [m/d/y] SIGNATURE [Author of Report or Agent]

MINING CLAIMS TRAVERSED
List numerically

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>S573350</td>
<td>to S573371 inclusive</td>
<td></td>
</tr>
<tr>
<td>S573394</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S573397</td>
<td>to S573398 inclusive</td>
<td></td>
</tr>
<tr>
<td>S573401</td>
<td>to S573402 inclusive</td>
<td></td>
</tr>
<tr>
<td>S573405</td>
<td>to S573409 inclusive</td>
<td></td>
</tr>
<tr>
<td>S573416</td>
<td>to S573437 inclusive</td>
<td></td>
</tr>
<tr>
<td>S573482</td>
<td>to S573500 inclusive</td>
<td></td>
</tr>
<tr>
<td>S608001</td>
<td>to S608007 inclusive</td>
<td></td>
</tr>
</tbody>
</table>

MINING LANDS SECTION

RECEIVED
MAR 1 1982

TOTAL CLAIMS 80
SELF POTENTIAL
Instrument __________________________ Range __________________________
Survey Method __________________________
Corrections made __________________________

RADIOMETRIC
Instrument __________________________ Values measured __________________________
Energy windows (levels) __________________________ Background Count __________________________
Height of instrument __________________________ Size of detector __________________________
Overburden __________________________ (type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)
Type of survey __________________________
Instrument __________________________
Accuracy __________________________
Parameters measured __________________________
Additional information (for understanding results) __________________________

AIRBORNE SURVEYS
Type of survey(s) Magnetometer - FLF - Electromagnetometer
Instrument(s) VLF-EM (Toxem 1A) - GULF Fluxgate MARK III
Accuracy 1 gamma (specify for each type of survey)
Aircraft used Canso (specify for each type of survey)
Sensor altitude 150-200 feet - Honeywell Radar altimeter
Navigation and flight path recovery method AS-5 35cm. Analogue recordings, digital recordings
and flight are flagged every 5 seconds to enable correlation
Aircraft altitude 150-200 feet
Miles flown over total area 224.1
Over only 44
Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

The Mining Act

Type of Survey(s)
AIRBORNE GEOPHYSICAL (MAGNETOMETER & ELECTROMAGNETIC)

Claim Holder(s)
LYNK-CANADA EXPLORATIONS LIMITED

Address
25 Adelaide Street East, Suite 520, Toronto, Ontario M5C 1Y2

Survey Company
KENTING EARTH SCIENCES LIMITED

Name and Address of Author (of Geo Technical report)
E.J. WILSON, OTTAWA

Credits Requested per Each Claim in Columns at right

<table>
<thead>
<tr>
<th>Mining Claim Traversed (List in numerical sequence)</th>
<th>Days per Claim</th>
<th>Exploit Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S 573350-371</td>
<td>660</td>
<td></td>
</tr>
<tr>
<td>573394</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>573397-398</td>
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<td>573401-402</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>573405-409</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>573416-437</td>
<td>660</td>
<td></td>
</tr>
<tr>
<td>573482-500</td>
<td>570</td>
<td></td>
</tr>
<tr>
<td>608001-007</td>
<td>210</td>
<td></td>
</tr>
</tbody>
</table>

Expenditures (excludes power stripping)

Type of Work Performed

Total Miles of line Cut
N/A

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
Robert W. Nicholls
2 Meredith Crescent, Toronto, Ont. M4W 3B6

Date Certified
March 4, 82

Certified by Signature
[Signature]

For Office Use Only

Min. Approved
March 4, 82

[Signature]

Page 1 of 2
To the Recorder of...

LYNX-CANADA EXPLORATIONS LIMITED

25 Adelaide Street East, Suite 520 M5C 1Y2

Post Office Address

MAGNETOMETER

Airborne Magnetometer & Electro

do hereby report the performance of ...

days of AIRBORNE, MAGNETOMETER & ELECTRO type of work

not before reported to be applied on the following contiguous claims

<table>
<thead>
<tr>
<th>Claim No.</th>
<th>Days</th>
<th>SEE SCHEDULE ATTACHED</th>
</tr>
</thead>
<tbody>
<tr>
<td>...</td>
<td>.....</td>
<td></td>
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All the work was performed on Mining Claim(s) ..........................................................

(In the case of geological and/or geophysical survey(s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

For Manual Work, Stripping or Opening up of Mines, Sinking Shofts or Other Actual Mining Operations — Names and addresses of the men who performed the work and the dates and hours of their employment.

For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.

For Compressed Air or Other Power Driven or Mechanical Equipment

Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.

For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.

With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.

For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.

For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

TECHNICAL DATA STATEMENT ATTACHED REPORT AND MAPS ATTACHED.

Date March 4, 82

Signature of Recorded Holder or Agent

Robert W. Nicholls

2 Meredith Crescent, Toronto, Ontario M4W 3B6

The Mining Act

Certificate Verifying Report of Work

I, Robert W. Nicholls,

2 Meredith Crescent, Toronto, Ontario M4W 3B6

(Post Office Address)

hereby certify:

1. 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 said or after its completion.

2. That the annexed report is true.

Date March 4, 1982

Signature
## Recorded Holder
LYNX CANADA EXPLORATIONS LIMITED

## Township or Area
MC CONNELL

### Type of survey and number of Assessment days credit per claim

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Number of Days Credit per Claim</th>
<th>Mining Claim Assessed</th>
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<tbody>
<tr>
<td>Geophysical</td>
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<tr>
<td>Electromagnetic</td>
<td>22 days</td>
<td>S 573350 to 71 inclusive</td>
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<tr>
<td>Magnetometer</td>
<td>22 days</td>
<td>573394</td>
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<tr>
<td>Radiometric</td>
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<td>573397-98</td>
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<tr>
<td>Induced polarization</td>
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<td>573401-02</td>
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<tr>
<td>Section 86(18)</td>
<td></td>
<td>573405 to 09 incl</td>
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<tr>
<td>Geological</td>
<td></td>
<td>573416 to 37 incl</td>
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<tr>
<td>Geochemical</td>
<td></td>
<td>573482 to 500 incl</td>
</tr>
<tr>
<td>Man days</td>
<td></td>
<td>608001 to 07 incl</td>
</tr>
<tr>
<td>Airborne</td>
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</table>

### Special credits under section 86(15a) for the following mining claims

- No credits have been allowed for the following mining claims
  - not sufficiently covered by the survey
  - Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 60; Geological — 40; Geochemical — 40; Section 86(18) — 60.
Lynx Canada Exploration Ltd.
25 Adelaide Street East
Suite 520
Toronto, Ontario
M5C 1Y2

Dear Sirs:

Re: Letter of Agreement
Airborne Survey, Wolf Lake, Ontario

This letter of Agreement will confirm that Canadian Occidental Petroleum Ltd. ("CanadianOxy") and each of the above named companies ("the Participants"), each holding mineral claims over a portion of the lands outlined in red on the attached plan ("the Project Area"), hereby agree to participate in an airborne geophysical survey over the Project Area upon the following terms and conditions:

1. Each Participant hereby authorizes CanadianOxy to sign for and on behalf of the Participant, the form of attached contract with Kenting Aviation Ltd. for an airborne geophysical survey over the Project Area.

2. Each Participant shall reimburse CanadianOxy for its pro rata share of the actual costs and expenses arising from the survey, determined in accordance with the attached calculations.

3. Each participant, in accordance with its pro rata share, hereby indemnifies and saves harmless CanadianOxy from all costs, expenses, charges, claims and obligations arising under the contract with Kenting Aviation Ltd. for the survey.
4. Each Participant shall advance to CanadianOxy upon its execution of this Letter of Agreement one-half of its pro rata share of the estimated costs of the survey, as indicated in the attached calculations.

5. Each Participant shall, within 30 days after the date of the invoice, pay to CanadianOxy the balance of its pro rata share of the actual costs of the survey. Interest on any overdue amounts shall accrue at the rate of two and one-half percent (2 1/2%) per month from the due date until the date of payment.

6. This Letter of Agreement may be executed by the parties in counterpart.

7. This Letter of Agreement, when executed, shall be binding upon the parties.

If you agree with the foregoing, please sign the attached copy of the Letter of Agreement and return, together with a cheque representing your advance payment, to our offices.

Yours truly,

J.J. Brummer
Exploration Manager

The Provisions of this Letter of Agreement understood and Agreed to by

(please print name and title)

this __ day of June, 1981
Dear Sir:

We have received reports and maps for an Airborne Geophysical (Electromagnetic and Magnetometer) survey submitted under Special Provisions (credit for Performance and Coverage) on mining claims 5 573350 et al in the Township of McConnell.

We have only received one Magnetometer map. Please send a duplicate copy.

Upon receipt of the above information, a statement of assessment work credits will be issued.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

J. Skura/amc

cc: Lynx-Canada Explorations Limited
    Toronto, Ontario

cc: Kenting Earth Sciences Limited
    Ottawa, Ontario
Dear Sirs:

RE: Airborne Geophysical (Electromagnetic & Magnetometer) Survey submitted on Mining Claims #573350 et al in the Township of McConnell

Enclosed are the maps for the above mentioned survey. In order to complete your submission, we require:

a) all maps must be signed,
b) a Key map showing the location of the property with respect to township boundaries,
c) the outside boundaries of the claim group shown with the corner claims numbered.

For further information, please contact Mr. W. Matthews at 965-1380.

Yours very truly,

E.F. Anderson
Director
Land Management Branch
Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1380

A. Barrisc

Enclos:

cc: Mining Recorder
Sudbury, Ontario
January 27, 1983.

Ministry of Natural Resources
Whitney Block, Room 6450,
Queen's Park,
Toronto, Ontario
M7A 1W3

Attention: Mr. E.F. Anderson,
Director/Land Management Branch

Re: Airborne Geophysical (Electromagnetic & Magnetometer) Survey
submitted on Mining Claims S 573350 et al in the Township of
Mc Connell

De Sirs,

Enclosed are the maps and details which you requested.

Yours very truly,
LYNX-CANADA EXPLORATIONS LIMITED

Per: M.I. Watson, P. Eng.
President

Enclosure:
Dear Sir:


The Airborne Geophysical (Electromagnetic & Magnetometer) Survey assessment work credits as shown on the attached statement have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 645C
Queen's Park
Toronto, Ontario
M7A 1W3

Phone 416/963-1380

A. Barré

Encls.

cc: Lynx-Canada Explorations
    Toronto, Ontario

    Kenting Earth Sciences Ltd.
    Ottawa, Ontario

    Resident Geologist
    Sudbury, Ontario
TOTAL FIELD AIRBORNE MAGNETOMETER SURVEY
PROJECT WOLF AREA
ONTARIO
CANADIAN OCCIDENTAL PETROLEUM LIMITED
SCALE 1:20,000 (APPROX.)
RENTING EARTH SCIENCES LIMITED, OTTAWA
K.E.S.L. 81058
PROJECT WOLF AREA
ONTARIO
CANADIAN OCCIDENTAL PETROLEUM LIMITED

HORIZONTAL CONTROL BASED ON PHOTO LAYDOWN
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DASHED LINE I QUADRATURE SCALE IS 1 CM - ZS 1^2

124 TOTEM VLF EM PROFILES
MEAN TERRAIN CLEARANCE - - 150-Z00 FEET
TRAVERSE INTERVAL . . . . . . . . . .1,320 FEET

VLF PROFILE AIRBORNE ELECTROMAGNETIC SURVEY
PROJECT WOLF AREA

HORIZONTAL CONTROL BASED ON MEAN TERRAIN CLEARANCE.

TRAVERSE INTERVAL, 5 PERCENT 150-200 FEET 1,320 F