REPORT ON THE GEOLOGY

OF THE PASHA LAKE PROPERTY

FOR

COULSON EXPLORATION INC.

WALTERS TOWNSHIP

DISTRICT OF THUNDER BAY

Date: October, 1987
PASHA LAKE PROPERTY

(1) LOCATION, DESCRIPTION

The Pasha Lake Property consists of fifteen contiguous claims located in west central Walters Township, Northwest Ontario. Highway 801 transects the eastern section of the property 5 miles northwest of Trans Canada Highway 11. The Town of Jellicoe is found 12 miles south east. The property includes the following claims: (Fig. 1, 2 & 3)

747039 - 747048 inclusive
747057 - 747061 inclusive

(2) OWNERSHIP

The Pasha Lake Group is jointly held by Wescap Enterprises Ltd., Suite 800, 56 Temperence Street, Toronto, and Coulson Exploration Inc., Suite 401, 15 Toronto Street, Toronto, Ontario. Coulson Exploration is acting as operator.

(3) EXPLORATION HISTORY

There is no known record of previous exploration work on these claims. However, in the course of the survey a dozen blasted trenches and pits have been located. Most have exposed 2 - 3 foot wide quartz veins with minor amounts of chalcopyrite, pyrite, galena and sphalerite. These excavations are believed to be 30 to 50 years old.
Province of ONTARIO

PROPERTIES

Timmins O

Subway

Toronto O

Figure 1: Location Map
Figure 2: Claim Map - Walters Township Group, Roadside and Pasha Lake Blocks
FIGURE 3: WESCAP ENTERPRISES LTD. Mineral Properties

*Pronto - Inco gold discovery
*Metalore - Mingold (Inspiration) discovery
Metalore Resources has been working the property along strike to the west of the Pasha Lake Block. The Brookbank Zone occurs along a volcanic-sedimentary contact similar to that found within the Pasha Lake Property. An airborne magnetometer and EM survey was performed for Wescap in 1985 by Aerodat.

DESCRIPTION OF SURVEY

A grid was cut across the entire property. The baseline trends east-west with grid lines at 400 foot intervals. Stations were located every 100 feet along the lines. A total of 13.28 miles of line were cut.

The geological survey used these lines as control. Several thousand feet of bulldozer stripping was performed on the property and these areas are included in this survey.

GEOLOGY

The lithology of the Pasha Lake Group is characterized by fine to medium grain mafic volcanic flows. These flows are typically massive, occasionally fractured and foliated. Several outcrops of pillowed and amygdaloidal flows were noted. Foliation and lithology strike between 070° and 100° dipping steeply to the north.

Mafic intrusives were located at several areas within the group. A conformable, discontinuous dyke was delineated in the south. This dyke was noted to be fine to medium
grained and to contain fine grain disseminated magnetite. Flanking this unit in the south east are outcrops of feldspar porphyry. This porphyry has a dark fine grain matrix with coarse feldspar phenocrysts up to 1/2" in size.

Several non-conformable mafic intrusives were located, one in the north east portion of the group and one in the west central portion. These units are fine to coarse grained and occasionally magnetic. Composition of these intrusives range from quartz diorite to gabbro with finer grained equivalents at contacts. The intrusive nature is best shown in outcrop at Line 60W and Highway 801. Here a lean iron formation is truncated in the east by the mafic intrusive. A semi-conformable intrusive was noted in the northwest corner of the property which is distinguished as a medium grain massive diorite to gabbro. Two north-south trending diabase dikes were found, one on Line 0 and another on Line 40E. A chemical sediment unit occurring as chert beds and lean iron formation were located along Highway 801 near Line 60E. This unit was 3-4 feet wide with bedding 1/2" to 2" in width. Strike of the unit was east-west and dip steep to the north.

Several outcrops in the extreme south were noted as chlorite schists and may have originally been a mudstone or greywacke.

Quartz veining on the Pasha Lake Group is quite common. Veins occur as 2 to 3 foot wide milky white quartz
with occasional zones of sulphide mineralization. Sulphides include pyrite, chalcocpyrite and galena. Malachite and specularite were also noted. These veins were found in the old blasted trenches as well as in areas where the bulldozer had stripped. These large mineralized veins are oriented east-west, as well as NE-SW and NW-SE and have been found within the central part of the group. Veining also occurs as narrow stringers parallel to foliation and as fracture filling. Carbonate veining occasionally accompanies the quartz veining and is found often as fracture filling and thin veinlets.

Epidote alteration of the mafic volcanic flows is ubiquitous within the Pasha Lake Group. Where the rock has been fractured the matrix is altered within several inches of the fracture. Often the epidotization is associated with quartz veinlets, again altering the matrix near the veinlets.

Potassium feldspar is found within some vein material imparting a pink colour to the rock. Occasionally the alteration is pervasive.

Silicification of the mafic volcanic flows occur in several areas within the grid. The degree of silicification varies from a minor vein selvage to a penetrative alteration that obliterates the original composition.
Carbonate alteration was noted in a shear on Line 48E @ 100N.

A major shear zone parallels the mafic volcanic-sediment contact in the south. A shear 200 feet wide is characterized by sericite and chlorite schist that is easily parted and poorly indurated. Disseminated fine grain pyrite is noted at several locations along the 3600 feet of strike length. The majority of the schist was found along the south facing cliff and in rare outcroppings in the sand plain below. It is assumed that the shear zone and the surrounding flat topography indicates the presence of a major fault that is coincident with the lithological contact.

CONCLUSIONS

The presence of the shear zone and fault in the south of the Pasha Lake Group provides a conduit for mineralized hydrothermal fluids. Evidence of these fluids are found in the numerous wide quartz veins and abundant quartz and carbonate stringers. The major amount of alteration found within the rocks of this group also indicates a tremendous amount of fluid flow. These factors contribute to the high potential for gold mineralization on this property.

The spatial relationship of the major quartz veins in the central portion of the group to the NE - SW trending
cedar swamp may be significant. The swamp may cover a secondary "splay" fault or shear allowing a "silica flooding" to occur in the surrounding rock. The Aerodat airborne magnetometer survey indicates a NE - SW trending magnetometer low in this area which could be coincident with a "splay" fault.

The Pasha Lake Group has essentially the same geological environment as Metalore's Brookbank Zone, and thus, warrants further, more extensive investigation.
REFERENCES

Claim Map G-171, Walters Township: scale 1 inch + 1/2 mile

Mackasey, W.O.

1976: The Geology of Walters and Leduc Township
District of Thunder Bay; Ontario, Division
Mines, GR 149, 60p. Accompanied by Map
2373; scale 1 inch to 1/2 mile.
CERTIFICATION

The Report and Map was prepared jointly with Warren G. Wade and, Frederick J. Swanson, and Jeffrey S. Ackert.

I HEREBY CERTIFY THAT:

(a) I am a qualified geologist possessing a Bachelor of Science Degree in Geology obtained from the University of Toronto, where I graduated in 1985.

(b) My residences and offices are located at 117 Parkside Drive, Toronto, Ontario. M6R 2Y8.

(c) I have practised my profession as a geologist since graduation in 1985.

(d) This report is based on personal knowledge gained from property visits.

(e) To the best of my knowledge, all of the information contained above and within the pages of this report is factual, correct and true.

DATE: ________________________

Jeffrey S. Ackert, B.Sc.
CERTIFICATION

I HEREBY CERTIFY THAT:

(a) I am a qualified geologist possessing a Bachelor of Science Degree in Geological Sciences from Brock University where I graduated in 1983.

(b) I have practised as a geologist since 1983.

(c) My residence and offices are located at 915 Sweetwater Crescent, Mississauga, Ontario.

(d) This report is based on personal knowledge gained from property visits.

(e) To the best of my knowledge all the information above and within the report is factual, correct and true.

DATE:

Warren G. Wade, B.Sc.
I HEREBY CERTIFY THAT:

(a) I am a qualified geologist possessing a Bachelor of Science Degree in Geological Sciences from Brock University where I graduated in 1984.

(b) That I have practised as a geologist since that time.

(c) My residence and offices are located at 351 Book Rad, Grimsby, Ontario.

(d) This report is based on personal knowledge gained from property visits.

(e) To the best of my knowledge, all of the information contained above and within the report is factual, correct and true.

DATE: ________________

Frederick J. Swanson, B.Sc.
REPORT ON THE GEOLOGY

THE ROADSIDE GROUP

FOR

COULSON EXPLORATION INC.

WALTERS TOWNSHIP

DISTRICT OF THUNDER BAY

Date: October, 1987
ROADSIDE PROPERTY

(1) LOCATION, DESCRIPTION

The Roadside Group consists of 4 contiguous claims, 747031 - 747034 located in Walters Township.

The property is located between Jellicoe and Beardmore, north on Highway 801 approximately 10 kilometers northwest of the 801/11 junction. The property is easily accessible by truck to a bush road just south of the claim group. (Figs. 1, 2 & 3)

(2) OWNERSHIP

The property is owned and operated by Wescap Enterprises, Suite 800, 56 Temperance Street, Toronto; and Coulson Exploration Inc., Suite 401, 15 Toronto Street, Toronto, Ontario. Coulson Exploration Inc. is acting as operator.

(3) EXPLORATION HISTORY

Canorama Explorations Ltd., performed a geological survey concentrating on gold occurrences in the area. In the northwest area of the property a 700 foot diamond drill hole was completed. The hole intersected intermediate to felsic volcanics, intruded by feldspar porphyry dikes. Minor pyrite, chalcopyrite and pyrrhotite were intersected with low gold values.
Figure 1: Location Map
Figure 2: Claim Map – Walters Township Group, Roadside and Pasha Lake Blocks
NORTH BROOKBANK PROPERTY
ROADSIDE PROPERTY
PASHA LAKE PROPERTY
BUSH LAKE PROPERTY
SOUTH BROOKBANK PROPERTY
DORTHEA PROPERTY

FIGURE 3: WESCAP ENTERPRISES LTD. Mineral Properties

Pronto - Inco gold discovery
*Metalore - Mingold (Inspiration) discovery
In 1953 Sturgeon River Gold Mines drilled 2703 feet in 5 holes within the claim group. The holes encountered felsic volcanics and diorite. No gold was detected, however, tourmaline, pyrite, sphalerite, galena, scheelite and chalcopyrite were observed.

An airborne survey was flown by Aerodat for Wescap Enterprises consisting of E.M. (3 frequency) VLF-EM and magnetometer in September 1985.

DESCRIPTION OF SURVEY

A flagged baseline was established in the center of the property and flagged lines were established at 400 foot intervals. Approximately 4 line miles were geologically mapped. (Fig. 3).

GEOLOGY

Most of the property area is covered by spruce swamp in a poorly drained region. Geology consists of mainly felsic volcanics with the trondjemite intrusive viewed as an interfingering within the volcanics at several locations. Structurally the volcanics have been altered somewhat due to the Coyle Lake stock intrusive. The orientation of foliation appears to be in the 40° - 50° range. The Coyle Lake stock found within the property is represented by a hybrid zone of felsic intrusives.
Two isolated occurrences of feldspar-porphyry were examined. They are located in the west central and south central area of the property. The porphyry appears to be associated with the trondjemite intrusive bodies.

Several small quartz veins occur throughout the property, some barren and others containing mineralization. These veins are cross cutting and parallel to the structure.

CONCLUSIONS, RECOMMENDATIONS

Ground geophysics should be accomplished using magnetometer and VLF over the grid. A geochemical survey over the property which has minimal overburden would also prove useful.

A stripping program which was accomplished at the end of the field season will possibly enhance a future program of stripping and trenching in the area.

The Roadside Group is on strike to the east of the Quebec Sturgeon Mine which has been a past gold producer from the quartz veining system in the felsic volcanics and granodiorite of the Elmhirst Stock.

The property requires more sampling on surface after the stripping is completed.
Claim Map G-171, Walters Township: scale 1 inch = 1/2 mile

Mackasey, W.O.

1976: The Geology of Walters and Leduc Township
District of Thunder Bay; Ontario, Division
Mines, GR 149, 60p. Accompanied by Map
2373; scale 1 inch to 1/2 mile.
CERTIFICATION

The Report and Map was prepared jointly with Warren G. Wade and, Frederick J. Swanson, and Jeffrey S. Ackert.

I HEREBY CERTIFY THAT:

(a) I am a qualified geologist possessing a Bachelor of Science Degree in Geology obtained from the University of Toronto, where I graduated in 1985.

(b) My residences and offices are located at 117 Parkside Drive, Toronto, Ontario. M6R 2Y8.

(c) I have practised my profession as a geologist since graduation in 1985.

(d) This report is based on personal knowledge gained from property visits.

(e) To the best of my knowledge, all of the information contained above and within the pages of this report is factual, correct and true.

DATE: [Signature]

Jeffrey S. Ackert, B.Sc.
CERTIFICATION

I HEREBY CERTIFY THAT:

(a) I am a qualified geologist possessing a Bachelor of Science Degree in Geological Sciences from Brock University where I graduated in 1983.

(b) I have practised as a geologist since 1983.

(c) My residence and offices are located at 915 Sweetwater Crescent, Mississauga, Ontario.

(d) This report is based on personal knowledge gained from property visits.

(e) To the best of my knowledge all the information above and within the report is factual, correct and true.

DATE:

Warren G. Wade, B.Sc.
CERTIFICATION

I HEREBY CERTIFY THAT:

(a) I am a qualified geologist possessing a Bachelor of Science Degree in Geological Sciences from Brock University where I graduated in 1984.

(b) That I have practised as a geologist since that time.

(c) My residence and offices are located at 351 Book Rad, Grimsby, Ontario.

(d) This report is based on personal knowledge gained from property visits.

(e) To the best of my knowledge, all of the information contained above and within the report is factural, correct and true.

DATE: ___________________

Frederick J. Swanson, B.Sc.
REPORT ON THE GEOLOGY OF BUSHLAKE PROPERTY

FOR

COULSON EXPLORATION INC.

WALTERS TOWNSHIP, ONTARIO
DISTRICT OF THUNDER BAY

Date: September, 1987

By: P. Lassila
## CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRODUCTION</td>
<td>1</td>
</tr>
<tr>
<td>PROPERTY</td>
<td>1</td>
</tr>
<tr>
<td>LOCATION AND ACCESS</td>
<td>1</td>
</tr>
<tr>
<td>PHYSIOGRAPHY</td>
<td>3</td>
</tr>
<tr>
<td>PREVIOUS EXPLORATION</td>
<td>3</td>
</tr>
<tr>
<td>MAPPING PROGRAM</td>
<td>3</td>
</tr>
<tr>
<td>PROPERTY GEOLOGY</td>
<td>4</td>
</tr>
<tr>
<td>CONCLUSIONS AND RECOMMENDATIONS</td>
<td>5</td>
</tr>
<tr>
<td>REFERENCES</td>
<td>7</td>
</tr>
<tr>
<td>CERTIFICATION</td>
<td>8</td>
</tr>
<tr>
<td>FIGURE 1: Location Map</td>
<td>2</td>
</tr>
<tr>
<td>FIGURE 2: Wescap Enterprises Mineral Properties</td>
<td>2A</td>
</tr>
<tr>
<td>FIGURE 3: Geology Map</td>
<td>2B</td>
</tr>
<tr>
<td>FIGURE 4: Claim Map</td>
<td>2C</td>
</tr>
<tr>
<td>MAP 1: Geology Map, Bush Lake Property</td>
<td>In Pocket</td>
</tr>
</tbody>
</table>
INTRODUCTION

This report records the results of the geological mapping program conducted by Coulson Exploration Inc., on the 20 claim Bush Lake property in Walters Township, Ontario. The mapping was carried out during the period September 1 to September 13, 1987 by a crew of 3 men utilizing a truck and canoe for transport.

PROPERTY

The property comprises 20 contiguous mining claims, namely:

TB 755064 through TB 755083 inclusive (Claim Map G-171, Walters Township, Ontario)

LOCATION AND ACCESS

The property is situated about five miles northwest of Jellicoe, Ontario, (Figure 1). It may be reached by driving three miles north from Highway 11 along the gravelled Highway 801 to Bush Lake by boat or canoe to the property location.
Figure 1: Location Map
FIGURE 2: WESCAP ENTERPRISES LTD. Mineral Properties

Pronto - Inco gold discovery

*Metalore - Mingold (Inspiration) discovery
Figure 3: Geology Map - Walters Township Group; Roadside, Pasha Lake, and Bush Lake Blocks

LEGEND

QUATERNARY

RECENT

Lake, streams, and sand deposits

PLEISTOCENE

Late glacial, and sand deposits

UNCONFORMITY

PRECAMBRIAN

LATE PRECAMBRIAN

PROTEROZIC

MATRIC INTRUSIVE ROCKS

INTERMEDIATE TO FELIC INTRUSIVE ROCKS

METAVOLCANIC AND METASEMIMENTARY ROCKS

MAGMATIC METAVOLCANICS

INTERMEDIATE CONTACT

METASEDIMENTARY ROCKS

METASEMIMENTARY ROCKS

INTERMEDIATE CONTACT

TECTONIC FEATURES

MINERAL DEPOSITS

SYMBOLS

(after Macksey, 1976)
PHYSIOGRAPHY

About one third of the property area is covered by lakes. The remainder is overlain by extensive glacially deposited sand flats, gently rolling sandy plains, local sandridges and eskers, and many kettle depressions. A dense mature timber growth of jackpine, poplar, birch and spruce extends across the whole area.

PREVIOUS EXPLORATION

There is no record or field evidence of previous exploration activity on the property. However, a few old claim lines and at least one set of old claim posts suggest some earlier interest in the property area. An electromagnetic and magnetic survey was conducted over the property area by Aerodat Ltd., in 1985.

MAPPING PROGRAM

Flagged baselines were first established at suitable locations along east-west claim lines. Compass and hip chain were used for location control and the 100 foot stations were marked along the lines. Geological traverses were then conducted at 400 foot spacing north and south from the established baselines, again with compass and hipchain.
Air photos were utilized to define locations of distinct topographic features such as lakeshores, open swamps and streams. The shorelines of the lakes were mapped by canoe. A serious effort was also made to define the true locations of claim posts.

Various features such as general vegetation cover, kettle depressions, swamps, sandridges, eskers and sand plains were recorded as well as the geology.

**PROPERTY GEOLOGY**

Rock outcropping is very limited in the property area. It occurs only along the shallow south shore of Ida Lake, along Ida Creek and at a few locations inland along the narrow east-west jut of land which separates Ida Lake from Bush Lake, west of Ida Creek.

Except for the gabbro-diorite intrusive exposed on the south shore of Ida Lake the property area is apparently underlain by well banded interbeds (at Ida Creek) and massive units (south shore Ida Lake) of fine to coarse grained arkosic sandstone. A massive metasiltstone/mudstone unit lies in contact with the northlying mafic intrusive which underlies the western part of Ida Lake. Distinctly banded two inch to eight inch thick interbeds of foliated...
metasiltstone are interbedded with massive coarse grain arkosic metasandstone units at Ida Creek. Massive arkosic sandstone is also exposed in one outcrop about 600 feet south of Beatty Lake at the eastern property boundary. The metasediments dip southerly at 55° to 75° and strike at 090° to 110°.

The diorite/gabbro intrusive is exposed 1000 feet to 2500 feet west of Ida Creek on the south shore of Ida Lake. It is massive medium to coarse grain unit which compositionally varies from amphibolitic gabbro to diorite to quartz diorite.

No sulfide bearing horizons were observed during the survey and only a few small northwesterly striking quartz veinlets were noted at one location on Ida Creek.

CONCLUSIONS AND RECOMMENDATIONS

Nearly all the property area is apparently underlain by psammites which are mostly covered by extensive sand plains or lakes. A weakly magnetic gabbro-diorite intrusive underlies the northwest part of the map area. Airborne magnetic results suggest that strongly magnetic diabase dike strikes north-south at the west end of Beatty Lake.

The airborne VLF and in-phase out-of-phase electromagnetic
results suggest that broad conductive overburden anomalies underlie the property area.

The area of most interest, as determined from the geological survey results, is the metasediment and gabbro-diorite intrusive contact at the southwest end of Ida Lake. A magnetometer survey should be carried out to more clearly delineate the location of this contact along its strike; followed by detailed prospecting to more clearly determine if it might contain gold-bearing potential. Subject to the results of the above work, backhoe trenching could be completed, where feasible, along this contact.
REFERENCES

Claim Map G-171, Walters Township: scale 1 inch + 1/2 mile

Mackasey, W.O.

1976: The Geology of Walters and Leduc Township
District of Thunder Bay; Ontario, Division
Mines, GR 149, 60p. Accompanied by Map
2373; scale 1 inch to 1/2 mile.
CERTIFICATION

The Bush Lake Group (This map area) was mapped by the three following company geologists:

Jeff Ackert, B.Sc., Geologist
117 Parkside Drive
Toronto, Ontario, M6R 2Y8

Warren Wade, B.Sc., Geologist
915 Sweetwater Crescent
Mississauga, Ontario
L5H 4A7.

Fred Swanson, B.Sc., Geologist
351 Book Road
Grimsby, Ontario
L3M 2M5

The report and map was prepared in consultation with the above geologists, by P. Lassila whose address is, 68 Albery Crescent, Ajax, Ontario, L1S 2Y3.

1. I, P. Lassila am a 1968 graduate of the University of North Dakota with a Bachelor of Science degree in geology and have since then been progressively employed as a minerals geologist, senior geologist and consulting geologist,

2. I have been directly involved with the exploration of this property and have personally examined some of the
outcrop exposures, and have traversed other parts of
the property area,

3. I am responsible for the contents of this report
and map.

P. Lassila
Consulting Geologist
REPORT ON THE GEOLOGY OF THE SOUTH BROOKBANK PROPERTY

FOR

COULSON EXPLORATION INC.

IRWIN AND WALTERS TOWNSHIPS, ONTARIO DISTRICT OF THUNDER BAY

DATE: OCTOBER, 1987

BY: P. LASSILA
# CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRODUCTION</td>
<td>1</td>
</tr>
<tr>
<td>PROPERTY</td>
<td>1</td>
</tr>
<tr>
<td>LOCATION AND ACCESS</td>
<td>1</td>
</tr>
<tr>
<td>MAPPING PROGRAM</td>
<td>2</td>
</tr>
<tr>
<td>PROPERTY GEOLOGY</td>
<td>2</td>
</tr>
<tr>
<td>GEOLOGY: MAP SHEET NO. 1</td>
<td>6</td>
</tr>
<tr>
<td>MAP SHEET NO. 2</td>
<td>7</td>
</tr>
<tr>
<td>MAP SHEET NO. 3</td>
<td>10</td>
</tr>
<tr>
<td>MAP SHEET NO. 4</td>
<td>11</td>
</tr>
<tr>
<td>MAP SHEET NO. 5</td>
<td>13</td>
</tr>
<tr>
<td>CONCLUSIONS AND RECOMMENDATIONS</td>
<td>14</td>
</tr>
<tr>
<td>REFERENCES</td>
<td>15</td>
</tr>
<tr>
<td>CERTIFICATION</td>
<td>16</td>
</tr>
<tr>
<td>FIGURE 1: Location Map</td>
<td>3</td>
</tr>
<tr>
<td>FIGURE 2: Wescap Enterprises Ltd. Mineral Properties</td>
<td>3A</td>
</tr>
<tr>
<td>FIGURE 3: Geology Map</td>
<td>3B</td>
</tr>
<tr>
<td>FIGURE 4: Geological Legend</td>
<td>3C</td>
</tr>
<tr>
<td>FIGURE 5: Claim Map</td>
<td>3D</td>
</tr>
<tr>
<td>MAPS: Geology - Map Sheet No. 1</td>
<td>In Map Pocket</td>
</tr>
<tr>
<td>Map Sheet No. 2</td>
<td>In Map Pocket</td>
</tr>
<tr>
<td>Map Sheet No. 3</td>
<td>In Map Pocket</td>
</tr>
<tr>
<td>Map Sheet No. 4</td>
<td>In Map Pocket</td>
</tr>
<tr>
<td>Map Sheet No. 5</td>
<td>In Map Pocket</td>
</tr>
</tbody>
</table>
INTRODUCTION

This report records the results of the geological mapping program conducted by Coulson Exploration Inc., on the 130 claim South Brookbank Property in Irwin and Walters Townships, Ontario. The mapping crew, which included company geologists and assistants, consisted of four to six men which conducted the geological survey between July 15th to October 8, 1987. The crew operated from a base camp established at the east end of Windigokan Lake. Four wheel drive vehicles and boat and motor were used for transport.

PROPERTY

The property comprises 152 contiguous unpatented (Appendix A) mining claims situated in Irwin and Walters Townships, Ontario, District of Thunder Bay. The property is jointly owned by Wescap Enterprises Ltd., of Suite 800, 56 Temperance St, Toronto; and Coulson Exploration Inc., of Toronto, Ontario. Coulson Exploration Inc., is operator of the exploration program.

LOCATION AND ACCESS

The property is located in the central part of Irwin Township between Windigokan Lake and Watson Lake and extends east into Walters Township. It lies approximately 13 miles east-northeast of Beardmore, Ontario, and about
nine to fifteen miles east of Nipigon Lake, Fig. (1). The property is easily accessible north from Highway 11 via the Windigokan Road. A recently established road just south of Dead Lake and Windigokan Lake offers access west across the north part of the property. A newly established road also offers access east into Walters Township from Windigokan Lake Road. Boat access is provided by Windigokan Lake at the north and by Watson Lake at the south. Many old logging roads offer reasonably good access for drill moves off the main roads.

MAPPING PROGRAM

Several flagged east-west baselines were established with compass and hip chain at suitable locations. Four hundred foot spaced geological traverses were then run north and south from the baselines, again with compass and hip chain for location control. Air photos also were utilized at all times to tie in locations which could be distinctly defined such as lakeshores, open swamps, old logging roads etc. Various features such as topographic breaks, sandridges, swamps, general vegetation cover and old logging roads were recorded as well as the geology.

PROPERTY GEOLOGY

The property is underlain by three distinct lithological units.

(1) The north portion of the property is characterized
Figure 1: Location Map
FIGURE 2: WESCAP ENTERPRISES LTD. Mineral Properties

*Pronto - Inco gold discovery

*Metalore - Mingold (Inspiration) discovery
Figure 3: Geology Map - SOUTH BROOKBANK PROPERTY

Note: See Figure 4 for legend.
SYMBOLS

Glacial striae

Esker.

Small bedrock outcrop.

Area of bedrock outcrop.

Bedding, top unknown; (inclined, vertical).

Bedding, top indicated by arrow; (inclined, vertical, overturned).

Bedding, top (arrow) from grain gradation; (inclined, vertical, overturned).

Lava flow; top (arrow) from pillows shape and packing.

Schistosity; (horizontal, inclined, vertical).

Foliation; (horizontal, inclined, vertical).

Lineation with plunge.

Geological boundary, observed.

Fault; (observed, assumed). Spot indicates down throw side, arrows indicate horizontal movement.

Lineament.

Jointing; (horizontal, inclined, vertical).

Drag folds with plunge.

Drill hole; (vertical, inclined).

Magnetic attraction.

Swamp.

Motor road. Provincial highway number encircled where applicable...

Other road.

Trail, portage, winter road.

Building.

Township boundary, base or meridian line, with mileposts, approximate position only.

Mineral deposit; mining properly, surveyed. Boundary approximate position only.

Mineral deposit; mining properly, unsurveyed.

Surveyed line, approximate position only.

LEGEND

CENOZOIC

QUATERNARY

RECENT

Lake, stream, and swamp deposits.

PLEISTOCENE

Sand, gravel, clay.

UNCONFORMITY

PRECAMBRIAN

LATE PRECAMBRIAN

(PROTEROZOIC)

MAFIC INTRUSIVE ROCKS

Diabase.

INTRUSIVE CONTACT

Porphyritic diabase.

INTRUSIVE CONTACT

EARLY PRECAMBRIAN

(ARCHEAN)

MAFIC INTRUSIVE ROCKS

Unsubdivided.

5a Diorite, quartz diorite.

5b Gabbro.

5c Mafic dikes.

INTERMEDIATE TO FELSIC INTRUSIVE ROCKS

Granodiorite, quartz diorite.

Quartz-feldspar porphyry.

INTRUSIVE CONTACT

METAVOLCANIC AND

METASEDIMENTARY ROCKS

MAFIC METAVOLCANICS

Unsubdivided.

3a Amygdaloidal lava.

3b Pillow lava.

3c Volcanic breccia.

3d Tuff and tuffaceous schists.

INTERMEDIATE TO FELSIC METAVOLCANICS

Unsubdivided.

2a Tuff-breccia, syenitic breccia, and derived schists.

2b Massive and laminated lavas and tuffs associated with 2a.

2c Quartz-feldspar porphyry.

2d Feldspar porphyry.

METASEDIMENTS

1a Polyniatic conglomerate.

1b Folkspatic sandstone.

1c Quartz and feldspathic sandstone, silstone.

1d Greywacke.

1e Fissile siltstone, argillite, and slate.

1f Limestone.

IF Iron formation.

Ag Silver

Pd Palladium

Asb Asbestos

Au Gold

Bi Silver sulphide mineralization

Cu Copper

Molybdenite

FIGURE 4
Figure 5: Claim Map - SOUTH BROOKBANK PROPERTY

(from Claim Maps G-167, G-171)
by extensive greywacke and arkosic sandstone
interbeds, minor quartzitic sandstone (mainly
adjacent to the southlying volcanic contact)
and occasional argillitic interbeds.

(2) The southwestern two-thirds of the area is underlain
by a 1½ mile thick volcanic and volcanoclastic
pile which is comprised of a broad variety of
felsic to mafic flows, pillow lavas, tuffs and
lapilli tuffs as well as minor dioritic and
gabbroic intrusives which are generally located
centrally within the volcanic sequence. The
south boundary of the volcanic pile terminates at
the east-northeast striking Watson Lake Fault.

(3) Immediately south of the fault sulfide bearing iron
formation extends for several miles from the northwest
end of Watson Lake easterly well into Walters
Township. The area along and south of the
iron formation is underlain by a thick sequence of
metasediments composed dominantly of greywacke,
lesser siltstone and minor interbeds of argillite.
The far eastern portion of the property is entirely
underlain by this latter unit.
Old maps indicate that several old mineral prospects occur in various parts of the property. The iron formation, which was thoroughly investigated in the early 1900's as an iron prospect and later for base metals and gold, is reported to contain gold enrichment at some locations. The property area covers part of this iron formation.

Due to the extensive area covered by the geological mapping program the description of the geology is divided into five separate segments. Each segment covers one map sheet area.
The eastern margin of a large diabase sill lies along or close to the western property boundary. The remaining area is underlain by a thick section of intermediate volcanic flows and amagdaloidal lavas, lesser interflow crystal tuffs and occasional lapilli tuff. The tuffaceous units are most abundant in the area immediately west and northwest of Gooseneck Lake. Several small exposures of intervolcanic quartz diorites, which occur west and southwest of Gooseneck Lake, appear to be intrusive phases of the surrounding volcanic complex. Several well banded, narrow, cherty, argillitic, quartzitic metasedimentary units, which are intercalated within the volcanics, appear to have been deposited contemporaneously with the period of volcanic activity.

A pervasive steeply dipping east-west penetrative foliation is exhibited throughout the volcanic rocks.

Mineralization

The narrow cherty sedimentary units commonly contain sulphide mineralization and, as such, are of some interest as potential gold-bearing horizons. Other locations of gold-bearing interest are the occasional occurrences of
silicic alteration and breccia zones (line 144W at the road, line 156W 400 feet south of the road). Several sercicitic shear zones which contain associated quartz veining and/or sulphide mineralization are also prime target areas for more extensive gold exploration (line 152W at 26+00 S, line 160W at 14+00 S and line 156W at 4+00 S).

GEOLOGY - MAP SHEET NO. 2 (Line 44W to 128W)

The north one third of the map area is underlain by poorly exposed metasediments composed of greywacke and arkosic sandstone. Fine grain dirty quartzite and argillite are also exposed in a few outcrops in the eastern part of the map area just north of the contact with southlying volcanics.

Volcanic flows and volcaniclastics, of mainly intermediate composition underlie the central portion of the map area. These are best exposed north of Gooseneck Lake and north and east of Amoeba Lake. North of Gooseneck Lake the volcanogenic rocks are almost entirely tuffs which commonly exhibit considerable carbonatite and quartz-carbonatite alteration, particularly on claims 718318 and 718319.
Considerable lithological complexity is expressed in the rocks exposed in the vicinity of Amoeba Lake. Here a varied blend of intrusives, volcanics and interflow sediments indicate this to be a zone of multiperiod, multiphase intrusive and volcanic activity. Lithologies include, massive equigranular mafic to intermediate volcanic flows, fine and coarse grain feldspar phyric flows and intrusives, hornblende phyric flows, intermediate to felsic interflow breccias, interflow quartzite and chert horizons (some of which are pyritic), at least one diorite intrusive and a crosscutting ultramafic dike. A more detailed study would certainly lend a better insight to the lithological relationships as well as provide information for an evaluation of possible gold enrichment in this area.

The south one third of the map area east of line 84+00 W (north of Watson Lake) is underlain by fine to medium grain massive mafic flows which enclose two east-west trending 100 foot to 600 foot wide interlayers of pillow lava. Vertical to steeply dipping foliation strikes parallel to subparallel to the trend of the pillowed units. The pillow lavas apparently pinch out in the vicinity of line 84+00 W south of Gooseneck Lake, and at 96+00 W at the southwest corner of Gooseneck Lake.

The southwestern portion of the map area (south of
Gooseneck Lake is underlain by mafic to intermediate volcanic flows to the north and intermediate flows to the south. The more felsic flows commonly exhibit local carbonatite alteration. Both areas also contain occasional interflow tuffs.

A pervasive steeply dipping foliation, of varying intensity, strikes east-southeast throughout the volcanic rocks.

Mineralization

The most interesting mineralization encountered during the survey is a three inch to eight inch wide coarsely crystallized quartz vein which contains quartz, minor calcite, sphalerite, galena, chalcopyrite and minor specular hematite. The vein, which is exposed in an old trench at or just south of the property boundary, is hosted by argillite, siltstone and cherty metasediment. Other locations of interest are the zones of quartz-carbonization north of Gooseneck Lake. The presence of chalcopyrite associated with some of the quartz veins, pink-red alteration, local shearing and the general altered appearance of the volcanics all suggest a gold potential for this area which should be thoroughly examined for gold-bearing possibilities. The nature of the geological environment in the vicinity of Amoeba Lake is also conducive to gold enrichment and also should be thoroughly investigated.
GEOLOGY - MAP SHEET NO. 3 (Lines 24W to 40W)

The area between Windigokan Lake and Dead Lake is underlain by steeply dipping east-southeast striking massive to weakly banded greywacke and occasional thin argillitic interbeds. The area south from Dead Lake to the volcanic contact (at 34+00 N to 40+00 N) is underlain by arkosic sandstone. Quartzitic sandstone also occurs near the contact in the western portion of the map area. Nearly all of the remaining map area is underlain by fine to medium grain intermediate volcanic flows, pillow lavas, minor hornblende phyric flows and occasional interflow tuffs. A small gabbroic plug is exposed about half a mile west of Nordic Lake. A few narrow intervolcanic quartzitic and cherty horizons were also located south of Nordic Lake.

Mineralization

Very little significant sulfide or quartz vein mineralization was encountered during the survey. However, some old trenching was observed at 48+00 S on line 32+00 W and silicic alteration and intense foliation was observed nearby on line 28+00 W. Old maps also indicate a mineral showing in this area. A thorough investigation of this location might reveal additional old trenches. Backhoe trenching might also expose possible buried gold occurrences in this area.
South of Nordic Lake backhoe trenching exposed a forty foot wide quartz-carbonate shear zone containing minor pyrite and trace chalcopyrite mineralization. Backhoe trenching also exposed two narrow argillite and dark chert horizons on the bulldozer road about 800 feet southwest of Nordic Lake. Both trenches exposed narrow massive pyrite bands and a graphitic argillite horizon which, no doubt, is part of the electromagnetic conductor depicted by the airborne survey. A quartz vein with associated pyrite and minor chalcopyrite was also uncovered at the Windigokan Lake Road and the bulldozer road conjunction.

GEOLOGY - MAP SHEET NO. 4 (Lines 80W to 32E)

The underlying geology of this area can be segregated into three main east-west trending lithological units:

1) The psammite lithopile in the north 1/3 of the map area,

2) The mafic volcanic and intrusive pile in the central and south central part of the area,

3) The formational ironstone-bearing psammite and (lesser) pelite unit in the southeast, immediately north of Doris Lake.
The best gold potential likely occurs in the latter two units.

The northern psammites consist of a rather monotonous sequence of massive to locally well banded weakly foliated interbeds of greywacke and arkosic sandstone, with an occasional interbed of siltstone/mudstone. In the northwest some sections of these sediments are interlayered (interfingered?) within the southlying volcanic unit.

The central volcanics are mainly composed of fine to medium grained mafic flows. Also included are minor mafic to intermediate pillow lavas, ash tuffs and (in the east) hornblende-feldspar phryic flows. Minor intercalated felsic tuffs occur in the far east part of the map area. Several small gabbroic lenticular shaped plugs have intruded the central portion of the volcanics from east to west. Their relationship to the surrounding volcanics remains to be determined.

Mineralization

On lines 16+00 W and 20+00 W at about 15+00 N a two to three foot wide pyritic chert bed was sampled at two locations. Assay results are still forthcoming. A five foot wide quartz vein at 15+00 W on the road was uncovered by bulldozer trenching. This location needs to be blasted for sampling.
Narrow bands of lean iron formation were observed on several lines at about 600 feet north of Doris Lake. Parts of this area should be bulldozer stripped and backhoe trenched.

Some 50% of this area is covered by large swamps, mainly in the north and west part of the map sheet.

The property area here is underlain by a thick section of metasediments which trend at about 080° and dip steeply to the south. They are predominantly composed of massive sandstone and, at a few locations, minor siltstone/mudstone. The coarser more massive beds tend to be weakly foliated whereas the finer grained more banded units tend to be well foliated. The foliation appears to be a penetrative regional phenomenon rather than related to local structures.

No significant sulfide mineralization or alteration zones were observed during the survey. With the possible exception of a few small quartz veins no geological features of economic interest were encountered.
CONCLUSIONS AND RECOMMENDATIONS

The results of the extensive mapping program, which was conducted over this large property, lends considerable new insight and detail to the characteristics of the underlying geology. Several locations of potential gold-bearing interest were located and defined. This knowledge should considerably enhance prospects of future exploration on the property area.

In particular, the silicic alteration and breccia zones, the sericitic shears, the sulfide bearing cherty horizons and the quartz-carbonatite alteration zones in the western part of the property all are excellent target areas for more detailed, intensive and advanced exploration. The areas north of Gooseneck Lake and near Amoeba Lake appear to be particularly favourable exploration prospects. The area of the old prospect trenches and silic alteration zone with associated intense foliation located on map sheet 3 should be considered a must for a thorough investigation. The quartz carbonate zone and cherty sulfide mineralized sections exposed in the backhoe trenches south of Nordic Lake suggest this to be a gold potential area which warrants a more extensive investigation. The quartz veined locations on the new road east of the Windigokan Road and the sulfide bearing iron formation exposures north of Doris Lake should both be more extensively exposed by stripping and/or backhoe trenching and sampled for assay.
REFERENCES

Mackasey, W. O.

1975  Geology of Dorthea, Sandra and Irwin Townships, District of Thunder Bay; Ontario Department of Mines, Geoscience Report 122, 83 p. Accompanied by Map 2294, scale 1 inch to 1/4 mile.

1976  The Geology of Walters and Leduc Township, District of Thunder Bay; Ontario, Division Mines, GR 149, 60 p. Accompanied by Map 2373; scale 1 inch to 1/2 mile.
## South Brookbank

### Appendix "A"

<table>
<thead>
<tr>
<th>Number</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>718316 - 42 Inclusive</td>
<td>27</td>
</tr>
<tr>
<td>785559 - 81</td>
<td>23</td>
</tr>
<tr>
<td>718233 - 89</td>
<td>57</td>
</tr>
<tr>
<td>733041 - 045</td>
<td>5</td>
</tr>
<tr>
<td>747067 - 80</td>
<td>14</td>
</tr>
<tr>
<td>718290 - 315</td>
<td>26</td>
</tr>
</tbody>
</table>

**Total Claims**: 152
CERTIFICATION

The report and map was prepared in consultation with other company geologists by P. Lassila whose address is, 68 Albery Crescent, Ajax, Ontario, L1S 2Y3.

1. I, P. Lassila am a 1968 graduate of the University of North Dakota with a Bachelor of Science degree in geology and have since then been progressively employed as a minerals geologist, senior geologist and consulting geologist,

2. I have been directly involved with the exploration of this property and have personally examined some of the outcrop exposures, and have traversed other parts of the property area,

3. I am responsible for the contents of this report and map.

P. Lassila
Consulting Geologist
REPORT ON THE GEOLOGY

OF THE DOROTHEA TOWNSHIP PROPERTY

FOR

COULSON EXPLORATION INC.

DOROTHEA TOWNSHIP, ONTARIO

DISTRICT OF THUNDER BAY

Date: October, 1987
INTRODUCTION

This report records the results of the geological mapping program conducted by Coulson Exploration Inc., on a 27 claim property situated in Dorothea Township, Ontario. The mapping crew consisted of three company geologists and one assistant, between the periods of July 25 to August 15, 1987, and October 5 to October 15, 1987. The crew operated from a base camp located on the south-west corner of the property, on the shore of Lake Nipigon. (Fig. 1).

PROPERTY

The property comprises 27 contiguous unpatented claims 755084 - 755110 inclusive, (Fig. 2), located in central Dorothea Township, Ontario, District of Thunder Bay. The property is jointly owned by Wescap Enterprises Ltd., Suite 800, 56 Temperance Street, Toronto; and Coulson Exploration Inc., Suite 401, 15 Toronto Street, Toronto, Ontario. Coulson Exploration Inc., is operator of the exploration program.

LOCATION AND ACCESS

The property is located on the east shore of Lake Nipigon, approximately 14 kilometers northwest of the Town of Beardmore.
Figure 1: Location Map
GEOLOGICAL SURVEY

A grid system was cut on the entire 27 claims, consisting of a baseline and lines cut at 400' intervals. A total of 27.9 miles of picket lines was established at 100' stations. Geological mapping was done over the entire grid system and the shorelines at the scale of 1" = 200' (Map - back pocket).

SUMMARY OF PREVIOUS EXPLORATION

The only previous exploration prior to Wescap was performed by Kimberly Copper Mines Ltd. in 1958. Kimberly Copper Mines held a group of 18 claims near the north shore of Bish Bay. Old workings on the shore of Lake Nipigon exposed quartz veins and stringers.

In 1985, Aerodat Limited flew an airborne survey consisting of, magnitometer, EM (932 Hz, coaxial) and VLF-EM - total field.

GEOLOGY

The lithology of the Dorothea Group is characterized by NE-SW trending mafic to intermediate metavolcanic flows and pillowed flows, with units typically hundreds of feet in width. Several sedimentary packages consisting of mudstone, sericitized and silicified mudstone and chert are present between flows. These sedimentary units are from one
foot to twenty feet wide. The sediments are almost always well foliated and sometimes intensely sheared and altered. The sedimentary package invariably contains disseminated pyrite in several of the beds, either within or beside the chert units.

A massive to weakly foliated, multiphase mafic intrusive is found as a sub-conformable unit in the north central part of the property. The majority of this unit occurs as a medium grain, dark to medium green diorite. At the west end of the property along the Nipigon shoreline flanking the diorite occur 20' - 30' wide serpentinized peridotite bodies. These may be later stage dykes or a differentiated material from the original dioritic intrusive. The south flanking peridotite is magnetic and produces a distinctive signature on the airborne magnetic map, (1" - 1/4 mile scale). Where the peridotite has been fractured and sheared, asbestiform minerals are produced. Mackasey (1975) had identified these as tremolite.

In the east central portion of the property, the mafic intrusive flares southward several thousand feet. This area contains a magnetic gabbro phase, as well as a fine to medium grain chilled margin. The gabbro phase may represent the centre of the intrusive with the diorite occurring as a dyke like conformable unit.
Diabase occurs as 10 foot to 40 foot wide dykes. Typically fine to medium grain with the characteristic ophitic/salt and pepper type texture. Contacts with the country rock are sharp and at 10° to 20° west of north. Diabase dykes are massive and have a conjugate fracture system parallel and normal to contacts. These dykes have occasional quartz veins.

A proterozoic diabase sheet overlies stratigraphy to the north of the claim group. Outcrops of this diabase occur in West Bay. The rock in this location is horizontally foliated and fractured. Grain size is medium to coarse grained with an altered fine grain matrix that is poorly indurated. Clinopyroxenes up to 1/4" in size were noted. The diabase is extremely magnetic and accounts for the high magnetic anomaly within West Bay.

Quartz veining is ubiquitous. Quartz veins occur as cross-cutting milky white veins, several inches to one foot wide. They occur as fracture filling in the numerous conjugate fracture systems. Quartz and carbonate occur along faults and within shear zones where evidence of movement has been observed. These occurrences are occasionally eroded leaving open spaces along the faults. Quartz veining occurs most often as filling of tension gashes. These are usually discontinuous, en echelon, sigmoidal veins with coarse quartz infilling. The gashes are inches to tens of feet long and up to 2 feet wide.
Small fault zones 1' to 2' wide, with strike slip of 2' to 5' typically trend 20° to 40° west of north. Movement in this direction is dextral. Shear zones with quartz veins strike 085° to 100° and are 1 foot to 2 feet wide. The wallrock is chloritized and extremely well foliated. Drag folding of lithology and foliation occurs within one foot of the shears and faults. The veins are occasionally banded with chloritic partings parallel to the strike of the fault or shear.

Two shear zones 20' - 30" wide are found on the north shore of Bish Bay. The rock is schistose and easily parted, striking 070° and dipping 70° to the north. Hematite staining is pronounced in these two areas. The original rock may be a tuffaceous metavolcanic or a mudstone turbidite sequence.

West of these shear zones on the Northwest shore of Bish Bay a sulphide band within stretched mafic pillows was encountered. The band is conformable with the pillowed flows, striking 063° and dipping 65° - 70° north. The sulphide band is 6" to 18" wide, with 12" average width. The unit was followed on shore for over 400' and can be observed beneath the water 100' to the east. Euhedral pyrite crystals and fine grain disseminated pyrite up to 10%, are found in this zone. The rock is pervasively sheared with varying amounts of alteration, including: chloritization, sericitization and
minor silicification. This zone may be the cause of the northern most EM conductor outlined on Aerodat's airborne EM survey interpretation map (Area D5).

An area within the first bay north of Bish Bay exhibits a massive flow with specular hematite fracture filling. The specularite is crystalline with radiating tabular growths. The fracture filling is almost entirely specularite with minor carbonate. Specularite was noted within the gold bearing quartz veins on the Tyson Property east of Bish Bay (Mackasey 1975).

CONCLUSIONS

The abundance of quartz veining on the Dorothea Group Property indicates a major amount of fluid flow in the area. Structural and deformation indications such as tension gashes, shears and faults show an active tectonic history. This, plus the emplacement of a gabbro-diorite intrusive within the centre of the property all add up to an environment for gold mineralization to occur.

The sulphide band on Bish Bay returned anomalous and consistent gold values. If this is a syngenetic sulphide band, any structural break or deformation may be an area of further increased gold enrichment.
Shear zones north of Bish Bay may indicate the proximity of a substantial fault zone. This zone may lie within Bish Bay itself and extend eastward towards the Nortoba, Tyson Property.

The Dorothea Group warrants further attention with geophysical surveys and additional prospecting.
REFERENCES

Mackasey, W. O.
1975 Geology of Dorthea, Sandra and Irwin Townships, District of Thunder Bay; Ontario Department of Mines, Geoscience Report 122, 83p. Accompanied by Map 2294, scale 1 inch to 1/4 mile.
The Report and Map was prepared jointly with Warren G. Wade and, Frederick J. Swanson, and Jeffrey S. Ackert.

I HEREBY CERTIFY THAT:

(a) I am a qualified geologist possessing a Bachelor of Science Degree in Geology obtained from the University of Toronto, where I graduated in 1985.

(b) My residences and offices are located at 117 Parkside Drive, Toronto, Ontario. M6R 2Y8.

(c) I have practised my profession as a geologist since graduation in 1985.

(d) This report is based on personal knowledge gained from property visits.

(e) To the best of my knowledge, all of the information contained above and within the pages of this report is factual, correct and true.

DATE: ___________________________

Jeffrey S. Ackert, B.Sc.
CERTIFICATION

I HEREBY CERTIFY THAT:

(a) I am a qualified geologist possessing a Bachelor of Science Degree in Geological Sciences from Brock University where I graduated in 1983.

(b) I have practised as a geologist since 1983.

(c) My residence and offices are located at 915 Sweetwater Crescent, Mississauga, Ontario.

(d) This report is based on personal knowledge gained from property visits.

(e) To the best of my knowledge all the information above and within the report is factual, correct and true.

DATE: Warren G. Wade, B.Sc.
CERTIFICATION

I HEREBY CERTIFY THAT:

(a) I am a qualified geologist possessing a Bachelor of Science Degree in Geological Sciences from Brock University where I graduated in 1984.

(b) That I have practised as a geologist since that time.

(c) My residence and offices are located at 351 Book Rad, Grimsby, Ontario.

(d) This report is based on personal knowledge gained from property visits.

(e) To the best of my knowledge, all of the information contained above and within the report is factual, correct and true.

DATE: Frederick J. Swanson, B.Sc.
REPORT ON THE GEOLOGY
OF THE NORTH BROOKBANK PROPERTY

FOR

COULSON EXPLORATION INC.

IRWIN TOWNSHIP, ONTARIO
DISTRICT OF THUNDER BAY

DATE: OCTOBER, 1987

BY: P. LASSILA
# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>1</td>
</tr>
<tr>
<td>Property</td>
<td>1</td>
</tr>
<tr>
<td>Location and Access</td>
<td>1</td>
</tr>
<tr>
<td>Mapping Program</td>
<td>3</td>
</tr>
<tr>
<td>Property Geology</td>
<td>4</td>
</tr>
<tr>
<td><strong>GEOLOGY: WEST MAP SHEET</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>GEOLOGY: NORTHEAST MAP SHEET</strong></td>
<td>7</td>
</tr>
<tr>
<td><strong>GEOLOGY: SOUTHEAST MAP SHEET</strong></td>
<td>8</td>
</tr>
<tr>
<td>Conclusions and Recommendations</td>
<td>9</td>
</tr>
<tr>
<td>References</td>
<td>11</td>
</tr>
<tr>
<td>Certification</td>
<td>12</td>
</tr>
<tr>
<td><strong>FIGURE 1: Location Map</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>FIGURE 2: Wescap Enterprises Ltd. Mineral Properties</strong></td>
<td>2A</td>
</tr>
<tr>
<td><strong>FIGURE 3: Geology Map</strong></td>
<td>2B</td>
</tr>
<tr>
<td><strong>FIGURE 4: Claim Map</strong></td>
<td>2C</td>
</tr>
<tr>
<td>Maps: Geology, West Map Sheet</td>
<td>In Map Pocket</td>
</tr>
<tr>
<td>Geology, Southeast Map Sheet</td>
<td>In Map Pocket</td>
</tr>
<tr>
<td>Geology, Northeast Map Sheet</td>
<td>In Map Pocket</td>
</tr>
</tbody>
</table>
INTRODUCTION

This report records the results of the geological mapping program conducted by Coulson Exploration Inc. on the 82 claim North Brookbank Property in Irwin Township, Ontario. The mapping was carried out by a crew of six (three geologists and three assistants) during the period July 24 to August 30, 1987, from a base camp established at the east end of Windigokan Lake. Four wheel drive vehicles were utilized for transport.

PROPERTY

The property comprises 82 contiguous mining claims (Appendix A) situated in Irwin Township, Ontario, District of Thunder Bay. The property is jointly owned by Wescap Enterprises Ltd., of Suite 800, 56 Temperance Street, Toronto; and Coulson Exploration Inc. of Toronto, Ontario. Coulson Exploration Inc. is the operator of the exploration program.

LOCATION AND ACCESS (Fig. 1)

The property is located immediately south of the north boundary of Irwin Township about 15 miles northeast of Beardmore, Ontario, and about ten to fifteen miles east of
Figure 1: Location Map
FIGURE 2: WESCAP ENTERPRISES LTD. Mineral Properties

Pronto - Inco gold discovery

*Metalore - Mingold (Inspiration) discovery
Figure 3: Geology Map - NORTH BROOKBANK PROPERTY

(after Mackasey; 1975, 1976)
Figure 2: Claim Map - NORTH BROOKBANK PROPERTY
(from Claim Maps G-164, G-167)
Nipigon Lake. It may be reached by travelling seven miles north from Highway 11 along the Windigokan Lake Road. A second route of access is a recently built road which cuts west through the north part of property on the south side of Namewaminikan River. This road extends west from Highway 801. Numerous old brush covered roads also offer reasonably easy access to various parts of the property with a tractor or bulldozer for the purpose of diamond drilling.

Mapping Program

For location control of the traverse lines flagged baselines were utilized at some locations, roads were utilized where most suitable and the river shoreline was used for control points on some of the traverses north of the Namewaminikan River. Topographic features and air photos were used for location control on a few traverses which did not follow straight traverse lines. Coordination for traverse-starting locations on the roads and the river were determined by careful measurements on air photos. Compass and hip chain were used for location control on all traverses. The traverse lines were spaced 400 feet apart with some exceptions. Various features such as swamps, sand plains, topographic breaks, general vegetation cover and old logging roads were recorded as well as the geology.
PROPERTY GEOLOGY

The North Brookbank property is underlain by a thick sequence of intermediate to felsic volcaniclastics, lesser volcanic flows, minor intervolcanic dioritic intrusives and, at a few locations, minor intervolcanic metasediments. A pervasive steeply dipping east-northeast foliation fabric follows parallel or subparallel to the trend of the lithologic units.

Two major faults, distinguished by several previous mappers, cut east-west through the property. The Paint Lake Fault which follows the south boundary of the property is a regional fault that has been outlined for tens of miles. The fault has produced considerable vertical displacement and a dextral offset of a mile or more is expressed by the displacement of a prominent striking diabase dike which is exposed both on the north and south side of the fault. Dextral displacement is also expressed by lesser east-west trending faults north and south of the Paint Lake fault. South of the fault the geological fabric trends nearly east-west whereas north of the fault it trends more northeast than east-west. The property lies within the northeast trending fabric.

The second east-west trending major fault, the Muska Lake
Fault which cuts across the northpart of the property, is only well exposed in the vicinity of Twin Falls on the Namewaninikan River. However, several nearby dextral offsets of the northstriking diabase dike suggests that it is composed of a multifault system rather than a single fault line.

A third east-northeast trending fault is exposed in outcrop in the central portion of the property. This fault system was not observed by previous mappers because it is covered by swamp, except for the one location noted by the present survey.

The property lies in the near vicinity of known gold deposits. Two past gold producers, the Brenbar Mine and the Quebec Sturgeon Mine. Both lie in close proximity to and on strike with the northern portion of the property area. The Metalore Brookbank deposit, which has all the signs of becoming a major gold producer, lies directly south of the property. Records indicate that very little previous exploration has been conducted over the property itself and most of this has been along the fringes of the property area.
Due to the large area covered description of the geology encountered during the survey is provided separately for each of the three map sheet areas, for the benefit of the reader. These are, geology of the (1) West Map Sheet, (2) Northeast Map Sheet, (3) Southeast Map Sheet.

GEOLOGY - WEST MAP SHEET

The western portion of the map area is underlain by massive to well foliated easterly striking and steeply dipping crystal tuff, lapilli tuff and fine grain equigranular to feldspar phryic flows of intermediate composition. Near Twin Falls, in the area of the east-west striking Muska Lake Fault, several outcrops exhibit intense foliation (shearing), crenulated folding and sericitic alteration of the tuffaceous host rock. The area north of the river east of Twin Falls is underlain by moderately to well foliated intermediate tuff and lapilli tuff. A 100 foot wide diabase dike strikes north along line 50+00 W.

To the south, on claims 784596 and 785597, three small plug-like intrusive units of medium grain diorite extend to the east across the property boundary. These probably are an intrusive phase of the surrounding volcanoclastics.
Mineralization

No significant sulfide mineralization or quartz veining was found during the survey.

GEOLOGY - NORTHEAST MAP SHEET

Most of the map area is covered by an extensive black spruce and cedar swamp. Jackpine forested sand plains cover nearly all of the area near the north property boundary. Both areas are void of outcrop. Moderate outcrop exposure in the southwest exhibits a terrain of steeply dipping northwesterly striking intermediate to felsic tuffs and minor volcanic flows. Of interest is a section of dolomite and minor argillite at least 20 feet in width which is exposed at an old campsite at 28+00 N and 22+00 E. Minor pyrite and specular hematite mineralization occurs at the dolomite-argillite contact. This is obviously a lacustrine or seabed deposit within the volcaniclastic sequence.

Mineralization

With the exception of the pyritic dolomite-argillite section no significant sulfide or quartz mineralization was observed in this map area.
This map area is underlain by volcanic flows, tuffs and minor lapilli tuffs of intermediate composition. The tuffaceous rocks are predominant in the east while the volcanic flows are predominant in the west. Intense shearing, crenulated folding, and quartz-carbonatite and sericite alteration characterize what appears to be a major easterly striking fault which is exposed at the beaver pond at 18+00 N near the west edge of the map area. East of the beaver dam the fault is covered by a long cedar swamp.

Quartz and quartz carbonate veining is exposed at several locations along a rocky bluff just off the north side of the fault at the north edge of a cedar swamp.

Mineralization

Minor pyrite, which occurs in well sheared carbonatized tuffs, is exposed in several backhoe trenches along the new road. Heavily disseminated to massive pyrite, along a narrow silicified zone, was exposed by backhoe trenching at the roadside just south of the eastern tip of Long Pond.

Quartz and quartz-carbonate veining is exposed at several locations on the north flank of a fault at 19+00 N.
in consideration that late funding for the exploration program created extreme time pressure to provide assessment work requirements on the sizeable North Brookbank Property (and other Wescap properties in the area), a commendable mapping effort was completed. The results provide for a far more detailed interpretation of the underlying geology of the area than was previously known and, as such, will substantially enhance the planning for more intensive future exploration on the property area.

As previously described the area is underlain by a thick sequence of predominantly fine grain intermediate to felsic volcaniclastics, lesser flows and local minor intervolcanic metasediment units which have been intruded by minor intervolcanic dioritic plugs. The pervasive foliation fabric, which is characterized in the rocks throughout the area, appears to be related to regional compressional stresses as well as fault related stresses. The property is bounded by two east-west trending major fault systems, the Paint Lake Fault to the south and the Muska Lake Fault to the north. Intense foliation, sericitic and carbonate alteration and minor pyrite mineralization, which is evident in the rocks immediately north of the Paint Lake Fault, is almost certainly directly related to the fault system. A similar rock deformation and alteration system is evident in the outcrop exposures in the vicinity of
the Muska Lake Fault in the north and the newly discovered fault in the north and the newly discovered fault system located centrally in the property area. Other minor zones of faulting and shearing probably exist in the area. It is along these fault systems that the best potential for gold-bearing mineral enrichment is likely to occur. This is certainly true in the Metalore gold prospects.

Even in the areas where substantial outcrop exposure offers a good view of the geology considerable areas of shallow overburden obscure locations which may be of considerable interest. Therefore, bulldozer stripping and backhoe trenching must be considered as a primary and important tool for exposing bedrock in such locations. Both should be utilized in conjunction with detailed prospecting in those areas where both outcrop exposure and shallow overburden cover are evident. VLF surveys should be conducted over those specific areas which have limited or no swamp cover.
REFERENCES

Colcleagh, V. D.


Mackasey, W. O.

1975 Geology of Dorthea, Sandra and Irwin Townships, District of Thunder Bay; Ontario Department of Mines, Geoscience Report 122, 83p. Accompanied by Map 2294, scale 1 inch to 1/4 mile.
NORTH BROOKBANK

APPENDIX "A"

<table>
<thead>
<tr>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>785584 - 603 Inclusive</td>
</tr>
<tr>
<td>747212 - 21</td>
</tr>
<tr>
<td>747223 - 42</td>
</tr>
<tr>
<td>755124 - 139</td>
</tr>
<tr>
<td>755140 - 154</td>
</tr>
<tr>
<td>755157</td>
</tr>
</tbody>
</table>

TOTAL CLAIMS 82
CERTIFICATION

The report and map was prepared in consultation with other company geologists by P. Lassila whose address is, 68 Albery Crescent, Ajax, Ontario, L1S 2Y3.

1. I, P. Lassila am a 1968 graduate of the University of North Dakota with a Bachelor of Science degree in geology and have since then been progressively employed as a minerals geologist, senior geologist and consulting geologist,

2. I have been directly involved with the exploration of this property and have personally examined some of the outcrop exposures, and have traversed other parts of the property area,

3. I am responsible for the contents of this report and map.

P. Lassila
Consulting Géologist
June 16, 1988

Your File: W8804-210
Our File: 2.10668

Mining Recorder
Ministry of Northern Development and Mines
435 James Street South
P.O. Box 5000
Thunder Bay, Ontario
P7C 5G6

Dear Madam:


The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

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

Yours sincerely,

W.R. Cowan, Manager
Mining Lands Section
Mines & Minerals Division
Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3
Telephone: (416) 965-4888

cc: WescapEnterprises Ltd
Suite 800
56 Temperance St.
Toronto, Ontario
M5H 1Y7

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

cc: Mr. H. Coulson
Box 300
Beardmore, Ontario
P0T 1G0

cc: Resident Geologist
Thunder Bay, Ontario
Recorded Holder: Wescap Enterprises Ltd.
Township: Dorothea, Irwin and Walters

<table>
<thead>
<tr>
<th>Type of survey and number of Assessment days credit per claim</th>
<th>Mining Claims Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geophysical</td>
<td></td>
</tr>
<tr>
<td>Electromagnetic days</td>
<td></td>
</tr>
<tr>
<td>Magnetometer days</td>
<td></td>
</tr>
<tr>
<td>Radiometric days</td>
<td></td>
</tr>
<tr>
<td>Induced polarization days</td>
<td></td>
</tr>
<tr>
<td>Other days</td>
<td></td>
</tr>
<tr>
<td>Geophysical Radiometric</td>
<td></td>
</tr>
<tr>
<td>Section 77 (19) See &quot;Mining Claims Assessed&quot; column</td>
<td></td>
</tr>
<tr>
<td>Geological days</td>
<td></td>
</tr>
<tr>
<td>Geological</td>
<td></td>
</tr>
<tr>
<td>Geochemical days</td>
<td></td>
</tr>
<tr>
<td>Man days</td>
<td>Airborne</td>
</tr>
<tr>
<td>Special provision</td>
<td>Ground</td>
</tr>
</tbody>
</table>

See attached list

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

- No assessment credit approved as the work previously submitted and credits approved on January 25, 1988.

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 - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.
Ministry of Northern Development and Mines

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

Instructions:
1. If number of mining claims traversed exceeds space on this form, write a list.
2. Note: Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. Do not use shaded areas below.
3. Please type or print.
4. Do not exceed space on this form.

Type of Survey(s)
Geophysical -
- Electromagnetic
- Magnetometer
- Radiometric
- Other

Geological -
- Other

Geochemical -
- Other

Man Days
Complete reverse side and enter total(s) here

Credits Requested per Each Claim in Columns at Right

Mining Claims Traversed (List in numerical sequence)

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Expends. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SGE Amadeus</td>
<td></td>
</tr>
</tbody>
</table>

Expenditures (excludes power stripping)

Type of Work Performed
Performed on Claim(s)

Calculation of Expenditure Days Credits

<table>
<thead>
<tr>
<th>Total Expenditures</th>
<th>Total Days Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>$</td>
<td></td>
</tr>
</tbody>
</table>

Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work.

Date
Recorded Holder or Agent (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 Verifying
Man Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by technicians, draftsmen, etc.

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Technical Days</th>
<th>Technical Days Credits</th>
<th>Line-cutting Days</th>
<th>Total Credits</th>
<th>No. of Claims</th>
<th>Days per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5000 x 7</td>
<td>3542</td>
<td></td>
<td>3542</td>
<td>73</td>
<td>48.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Technical Days</th>
<th>Technical Days Credits</th>
<th>Line-cutting Days</th>
<th>Total Credits</th>
<th>No. of Claims</th>
<th>Days per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Technical Days</th>
<th>Technical Days Credits</th>
<th>Line-cutting Days</th>
<th>Total Credits</th>
<th>No. of Claims</th>
<th>Days per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>Technical Days</th>
<th>Technical Days Credits</th>
<th>Line-cutting Days</th>
<th>Total Credits</th>
<th>No. of Claims</th>
<th>Days per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>10 Days</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----</td>
<td>----</td>
<td>----</td>
<td>---------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>4</td>
<td>7</td>
<td>1,016</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>2</td>
<td>256</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>18</td>
<td>2</td>
<td>249</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>18</td>
<td>2</td>
<td>241</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>18</td>
<td>2</td>
<td>78</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>2</td>
<td>19</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>2</td>
<td>2</td>
<td>90</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>4</td>
<td>4</td>
<td>280</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>18</td>
<td>2</td>
<td>282</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>18</td>
<td>2</td>
<td>255</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>18</td>
<td>2</td>
<td>94</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>18</td>
<td>2</td>
<td>94</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>78</td>
<td>2</td>
<td>580</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>2</td>
<td>2</td>
<td>581</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>25</td>
<td>4</td>
<td>144</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>25</td>
<td>4</td>
<td>154</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>74</td>
<td>2</td>
<td>223</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>78</td>
<td>2</td>
<td>599</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>4</td>
<td>4</td>
<td>600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>4</td>
<td>4</td>
<td>601</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>4</td>
<td>4</td>
<td>602</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>71</td>
<td>2</td>
<td>254</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>71</td>
<td>2</td>
<td>255</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>71</td>
<td>2</td>
<td>283</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>71</td>
<td>2</td>
<td>295</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total:** 1870 Days
<table>
<thead>
<tr>
<th>Name</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. Ackart</td>
<td>84</td>
</tr>
<tr>
<td>Barry Bralone</td>
<td>29</td>
</tr>
<tr>
<td>Beig Elatives</td>
<td>9</td>
</tr>
<tr>
<td>Wade Kornik</td>
<td>34</td>
</tr>
<tr>
<td>Sandy Lyon</td>
<td>27</td>
</tr>
<tr>
<td>Nanu Hasaka</td>
<td>79</td>
</tr>
<tr>
<td>Hans Mathews</td>
<td>14</td>
</tr>
<tr>
<td>Steve Hasselham</td>
<td>34</td>
</tr>
<tr>
<td>Robert Purdon</td>
<td>30</td>
</tr>
<tr>
<td>Fred Swanson</td>
<td>83</td>
</tr>
<tr>
<td>Warren Wade</td>
<td>83</td>
</tr>
</tbody>
</table>

**Total 501 Mandays**
January 25, 1988

Dear Madam:

RE: Notice of Intent dated January 6, 1988
Geological Survey submitted on Mining Claims
TB 718254 et al in the Townships of Walters, Sandra
and Irwin and the Area of Poplar Point

The assessment work credits, as listed with the above-mentioned
Notice of Intent, have been approved as of the above date.

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

Yours sincerely,

W. R. Cowan, Manager
Mining Lands Section
Mines and Minerals Division
Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

Enclosure: Technical Assessment Work Credits

cc: Mr. G.H. Ferguson
Resident Geologist
Mining & Lands Commissioner
Toronto, Ontario

Wescap Enterprizes Ltd.
Suite 800
56 Temperance St.
Toronto, Ontario
M5H 1Y7
Ministry of Northern Development
Ontario

Technical Assessment
Work Credits

Date: January 6, 1988
File: 2.10668
Mining Recorder’s Report of Work No. 536

<table>
<thead>
<tr>
<th>Recorded Holder</th>
<th>Wescap Enterprizes Ltd.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Township 3X3X</td>
<td>Walters</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of survey and number of Assessment days credit per claim</th>
<th>Mining Claims Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geophysical</td>
<td></td>
</tr>
<tr>
<td>Electromagnetic</td>
<td></td>
</tr>
<tr>
<td>Magnetometer</td>
<td></td>
</tr>
<tr>
<td>Radiometric</td>
<td></td>
</tr>
<tr>
<td>Induced polarization</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
<tr>
<td>Section 77 (19) See “Mining Claims Assessed” column</td>
<td></td>
</tr>
<tr>
<td>Geological</td>
<td></td>
</tr>
<tr>
<td>40 days</td>
<td></td>
</tr>
<tr>
<td>Geochemical</td>
<td></td>
</tr>
<tr>
<td>Man days [X] Airborne [ ]</td>
<td></td>
</tr>
<tr>
<td>Special provision [X] Ground [ ]</td>
<td></td>
</tr>
</tbody>
</table>

☐ Credits have been reduced because of partial coverage of claims.
☐ Credits have been reduced because of corrections to work dates and figures of applicant.

Special credits under section 77 (16) for the following mining claims

<table>
<thead>
<tr>
<th>30 Days Geological</th>
<th>20 Days Geological</th>
<th>10 Days Geological</th>
</tr>
</thead>
<tbody>
<tr>
<td>TB-755068 755069 to 71 inclusive</td>
<td>TB-755064 755066-67</td>
<td>TB-755072-73 755076</td>
</tr>
<tr>
<td>755074</td>
<td>755075</td>
<td></td>
</tr>
<tr>
<td>755078 to 80 inclusive</td>
<td>755077</td>
<td></td>
</tr>
<tr>
<td>755083</td>
<td>785560 to 65 inclusive</td>
<td></td>
</tr>
<tr>
<td>785568 to 70 inclusive</td>
<td>785568 to 78 inclusive</td>
<td></td>
</tr>
</tbody>
</table>

No credits have been allowed for the following mining claims

[X] not sufficiently covered by the survey [ ] Insufficient technical data filed

| TB-785580-81 |

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 - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.
Ministry of Northern Development and Mines

Technical Assessment
Work Credits

File: 2.10668
Date: January 6, 1988
Mining Recorder's Report of Work No. 538

Recorded Holder: Wescap Enterprises Ltd.
Township: 6
Section: 7
Poplar Pt.

<table>
<thead>
<tr>
<th>Type of survey and number of Assessment days credit per claim</th>
<th>Mining Claims Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geophysical&lt;br&gt;Electromagnetic _______________________ days</td>
<td>TB-755085 to 110 inclusive</td>
</tr>
<tr>
<td>Magnetometer _______________________ days</td>
<td></td>
</tr>
<tr>
<td>Radiometric _______________________ days</td>
<td></td>
</tr>
<tr>
<td>Induced polarization _______________________ days</td>
<td></td>
</tr>
<tr>
<td>Other _______________________ days</td>
<td></td>
</tr>
<tr>
<td>Geological _______________________ days</td>
<td></td>
</tr>
<tr>
<td>Geochemical _______________________ days</td>
<td></td>
</tr>
<tr>
<td>Man days [ ] Airborne [ ]</td>
<td></td>
</tr>
<tr>
<td>Special provision [x] Ground [x]</td>
<td></td>
</tr>
</tbody>
</table>

☐ Credits have been reduced because of partial coverage of claims.
☐ Credits have been reduced because of corrections to work dates and figures of applicant.

Special credits under section 77 (16) for the following mining claims

20 Days Geological
TB-755084

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 - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.
**Recorded Holder**

xxxxx

**Township of**

Irwin

<table>
<thead>
<tr>
<th>Type of survey and number of Assessment days credit per claim</th>
<th>Mining Claims Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Geophysical</strong></td>
<td></td>
</tr>
<tr>
<td>Electromagnetic</td>
<td>TB-755124 to 27 inclusive</td>
</tr>
<tr>
<td>Magnetometer</td>
<td>755129 to 34 inclusive</td>
</tr>
<tr>
<td>Radiometric</td>
<td>755138 to 43 inclusive</td>
</tr>
<tr>
<td>Induced polarization</td>
<td>755146-47</td>
</tr>
<tr>
<td>Other</td>
<td>755149-50</td>
</tr>
<tr>
<td></td>
<td>755152-53</td>
</tr>
<tr>
<td></td>
<td>755157</td>
</tr>
</tbody>
</table>

**Section 77 (19)** See "Mining Claims Assessed" column

**Geological** 40 days

**Geochemical**

<table>
<thead>
<tr>
<th>Man days</th>
<th>Airborne</th>
<th>Special provision</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>☑ Ground ☑</td>
</tr>
</tbody>
</table>

☐ Credits have been reduced because of partial coverage of claims.

☐ Credits have been reduced because of corrections to work dates and figures of applicant.

**Special credits under section 77 (16) for the following mining claims**

<table>
<thead>
<tr>
<th>30 Days Geological</th>
<th>20 Days Geological</th>
<th>10 Days Geological</th>
</tr>
</thead>
<tbody>
<tr>
<td>TB-755137</td>
<td>TB-755145</td>
<td>TB-755128</td>
</tr>
<tr>
<td>755148</td>
<td>755151</td>
<td>755135-36</td>
</tr>
</tbody>
</table>

**No credits have been allowed for the following mining claims**

☑ not sufficiently covered by the survey

☐ insufficient technical data filed

TB-755144

755154

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 - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.
## Recorded Holder

Wescap Enterprizes Ltd.

### Township

Irwin

#### 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>
</tr>
</thead>
<tbody>
<tr>
<td>Geophysical</td>
<td></td>
</tr>
<tr>
<td>Electromagnetic</td>
<td></td>
</tr>
<tr>
<td>Magnetometer</td>
<td></td>
</tr>
<tr>
<td>Radiometric</td>
<td></td>
</tr>
<tr>
<td>Induced Polarization</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

Section 77 (18) See "Mining Claims Assessed" column

- **Geological**: 40 days
- **Geochemical**: days

Man days [ ] Airborne [ ]

Special provision [X] Ground [ ]

##### Mining Claims Assessed

- TB-747227 to 38 inclusive
- 785584 to 88 inclusive
- 785592 to 97 inclusive

##### Special credits under section 77 (16) for the following mining claims

- **20 Days Geological**: TB-747225-26, 785591
- **10 Days Geological**: TB-785589-90, 785598, 785603

##### No credits have been allowed for the following mining claims

- TB-747223-24, 785599 to 602 inclusive

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 - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.
**Technical Assessment**

**Work Credits**

*Recorded Holder: Wescap Enterprises Ltd.*

**Township:** Irwin

<table>
<thead>
<tr>
<th>Type of survey and number of Assessment days credit per claim</th>
<th>Mining Claims Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geophysical</td>
<td>TB-718323 to 40 inclusive</td>
</tr>
<tr>
<td>Electromagnetic</td>
<td>747067 to 69 inclusive</td>
</tr>
<tr>
<td>Magnetometer</td>
<td>747073-74</td>
</tr>
<tr>
<td>Radiometric</td>
<td>747080</td>
</tr>
<tr>
<td>Induced polarization</td>
<td>747212 to 21 inclusive</td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

*Section 77 (19) See “Mining Claims Assessed” column*

<table>
<thead>
<tr>
<th>30 Days Geological</th>
<th>20 Days Geological</th>
<th>10 Days Geological</th>
</tr>
</thead>
<tbody>
<tr>
<td>TB-747071-72</td>
<td>TB-747070</td>
<td>TB-747076-77</td>
</tr>
<tr>
<td>747079</td>
<td>747075</td>
<td></td>
</tr>
</tbody>
</table>

*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 - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.
Ministry of Northern Development and Mines

Technical Assessment Work Credits

Recorded Holder: Wescap Enterprises Ltd.

Township: Irwin

<table>
<thead>
<tr>
<th>Type of survey and number of Assessment days credit per claim</th>
<th>Mining Claims Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geophysical</td>
<td></td>
</tr>
<tr>
<td>Electromagnetic</td>
<td>TB-718257-58</td>
</tr>
<tr>
<td>Magnetometer</td>
<td>718263 to 66 inclusive</td>
</tr>
<tr>
<td>Radiometric</td>
<td>718268 to 72 inclusive</td>
</tr>
<tr>
<td>Induced polarization</td>
<td>718233-34</td>
</tr>
<tr>
<td>Other</td>
<td>718236 to 41 inclusive</td>
</tr>
<tr>
<td>Geophysical</td>
<td>718243</td>
</tr>
<tr>
<td>Geological</td>
<td>718245 to 48 inclusive</td>
</tr>
<tr>
<td>Geochemical</td>
<td>718250 to 53 inclusive</td>
</tr>
<tr>
<td></td>
<td>718342</td>
</tr>
<tr>
<td></td>
<td>733041 to 45 inclusive</td>
</tr>
</tbody>
</table>

- Special credits under section 77 (16) for the following mining claims
  - 20 Days Geological
    - TB-718267
    - 718235
    - 718242
    - 718244
  - 10 Days Geological
    - TB-718256
    - 718249
    - 718341

No credits have been allowed for the following mining claims
- TB-718254-55

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 - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.
Recorded Holder: Wescap Enterprises Ltd.

Township: Irwin

<table>
<thead>
<tr>
<th>Type of survey and number of Assessment days credit per claim</th>
<th>Mining Claims Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geophysical: Electromagnetic: days</td>
<td>TB-718277</td>
</tr>
<tr>
<td>Magnetometer: days</td>
<td>718281</td>
</tr>
<tr>
<td>Radiometric: days</td>
<td>718286 to 93 inclusive</td>
</tr>
<tr>
<td>Induced polarization: days</td>
<td>718298 to 311 inclusive</td>
</tr>
<tr>
<td>Other: days</td>
<td>718313 to 19 inclusive</td>
</tr>
<tr>
<td></td>
<td>718322</td>
</tr>
</tbody>
</table>

Section 77 (19) See “Mining Claims Assessed” column

Geological: 40 days

Geochemical: days

- Man days: x
- Airborne: x

Special provision: □

☐ Credits have been reduced because of partial coverage of claims.

☐ Credits have been reduced because of corrections to work dates and figures of applicant.

Special credits under section 77 (16) for the following mining claims:

- **30 Days Geological**
  - TB-718312
  - 718320-21

- **10 Days Geological**
  - TB-718278 to 80 inclusive
  - 718282
  - 718285
  - 718294
  - 718296-97

No credits have been allowed for the following mining claims:

☐ not sufficiently covered by the survey

☐ insufficient technical data filed

- TB-718283-84
- 718295

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 - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.
Ministry of Northern Development and Mines

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

Onlari'o Report of Work

Instructions: Please type or print.

Total number of mining claims covered by this report of work:

43

<table>
<thead>
<tr>
<th>Special Provisions</th>
<th>Geophysical</th>
<th>Days per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>For first survey:</td>
<td>Electromagnetic</td>
<td>40</td>
</tr>
<tr>
<td>Enter 40 days. (This includes line cutting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>For each additional survey:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>using the same grid:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enter 20 days (for each)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Man Days</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete reverse side and enter total here.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RECEIVED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOV 02, 1987</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MINING LANDS SECTION</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Airborne Credits</th>
<th>Days per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: Special provisions do not apply to Aerial Surveys.</td>
<td></td>
</tr>
<tr>
<td>Electromagnetic</td>
<td></td>
</tr>
<tr>
<td>Magnetometer</td>
<td></td>
</tr>
<tr>
<td>Radiometric</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Calculation of Expenditure Days Credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Expenditures</td>
<td>755964</td>
</tr>
<tr>
<td>Total Days Credits</td>
<td>69</td>
</tr>
</tbody>
</table>

Instructions: Please type or print.

Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date: Oct 26, 87

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:
Hugh Coulson
Box 300, Bearmore, Ont. Oct 26, 87
<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Expended Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>75504</td>
<td>85</td>
</tr>
<tr>
<td>755107</td>
<td>08</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Expended Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>09</td>
</tr>
<tr>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>

**Special Provisions**

**For first survey:**
- Geophysical: Enter 40 days (This includes line cutting).
- Electromagnetic
- Magnetometer
- Radiometric
- Other
- Geological
- Geochemical

**For each additional survey:**
- Using the same grid:
- Enter 20 days (for each)
- Geophysical
- Electromagnetic
- Magnetometer
- Radiometric

**Total Miles of line Cut**
- Day | Mo. | Yr. | Day | Mo. | Yr. | Total
- 25  | 7   | 87  | 15  | 10  | 87  | 1087

**Airborne Credits**
- Geophysical
- Electromagnetic
- Magnetometer
- Radiometric

**MINING LANDS SECTION**

**Expenditures (excludes power stripping)**

**Total Expenditures**

**Calculation of Expenditure Days Credits**

**Total Expenditures**

**Instructions**

Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

**Certification**

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 Address of Person Certifying**

**Date Certified**

**Certified by (Signature)**
**Ministry of Northern Development and Mines**

**Ontario**

**Report of Work**

*(Geophysical, Geological, Geochemical and Expenditures)*

**Mining Act**

**Type of Surveys**

**Geological Mapping**

**WESSCAP ENTERPRISES LTD.**

**Address**

**SUITE 800, 54 TEMPERANCE ST, TORONTO**

**Survey Company**

**COULSON EXPLORATION LTD.**

**Prospector’s Licence No.**

**W 1929**

**Credit Requested per Each Claim in Columns at right**

**Mining Claims Traversed (List in numerical sequence)**

---

### Special Provisions

| For first survey: Enter 40 days. (This includes line cutting) |
| Solar 40 days. (This includes line cutting) |
| For each additional survey: using the same grid: Enter 20 days (for each) |

<table>
<thead>
<tr>
<th>Geophysical</th>
<th>Days per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electromagnetic</td>
<td></td>
</tr>
<tr>
<td>Magnetometer</td>
<td></td>
</tr>
<tr>
<td>Radiometric</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
<tr>
<td>Geological</td>
<td>40</td>
</tr>
<tr>
<td>Geochemical</td>
<td></td>
</tr>
</tbody>
</table>

### Man Days

<table>
<thead>
<tr>
<th>Geophysical</th>
<th>Days per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electromagnetic</td>
<td></td>
</tr>
<tr>
<td>Magnetometer</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
<tr>
<td>Geological</td>
<td></td>
</tr>
</tbody>
</table>

### Complete reverse side and enter totals here

---

### RECEIVED

**NOV 02, 1977**

---

### MINING LANDS SECTION

**Airborne Credits**

**Type of Work Performed**

**Geological Mapping**

**Performing on Claim(s)**

**Calculation of Expenditure Days Credits**

<table>
<thead>
<tr>
<th>Total Expenditures</th>
<th>Total Days Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>$</td>
<td>15</td>
</tr>
</tbody>
</table>

**Instructions**: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

---

### Certification Verifying Report

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 Address of Person Certifying**

**HUGH COULSON**

**Box 300, BEARDMORE, Ont.**

**Date Certified**

**Oct 26, 87**

**Certified by**

**Signature**

---

**For Office Use Only**

**Date Approved**

**12/30/85**

**Date Recorded**

**January 11, 1986**

**No. of Survey from**

---

**Total number of mining claims covered by this report of work**

**32**

---

**Instructions**

- If number of mining claims covered exceeds space on this form, attach a list.
- Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.
Ontario Ministry of Northern Development and Mines

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

Instructions:
- Please type or print.
- If number of mining claims intersected exceeds space on this form, attach a list.
- Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

Type of Survey(s): Geological Mapping
Claim Holder(s): WESCAP ENTERPRISES LTD
Address: SUITE 800 300 SHERBROOKE ST. TORONTO
Survey Company: COULSON EXPLORATION INC.
Name and Address of Author (of Geo-Technical report): PENTITI LASSILA & ALBERRY CR. 4354X ONT. L1S 2Y3

Credit Requested per Each Claim in Columns at right

Special Provisions
For first survey:
Enter 40 days. (This includes line cutting)
For each additional survey:
using the same grid:
Enter 20 days (for each)

Man Days
Complete reverse side and enter totals! here

RECEIVED
NOV 2 1987

MINING LANDS SECTION

Expenditures (excludes power stripping)

Geophysical
- Electromagnetic
- Magnetometer
- Radiometric
- Other

Geological

Geochemical

For Office Use Only

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

RECEIVED
THUNDER BAY MINING DIVISION

Date Certified
certified by (Signature)
**Report of Work**
(Geophysical, Geological, Geochemical and Expenditures)

**Type of Survey:**
Geological Mapping

**Claim Holder(s):**
WESPAP ENTERPRISES LTD.

**Address:**
Suite 800 56 Temperance St. Toronto

**Survey Company:**
COULSON EXPLORATION INC

**Name and Address of Author (of Geo-Technical report):**
PENTTILASSILA 68 ALBERRY CR. ASLA ONT. L5Z 4S

---

**Credits Requested per Each Claim in Columns at right:**

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Exp. Days Cr.</th>
<th>Mining Claim</th>
<th>Exp. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>718323</td>
<td>24</td>
<td>747072</td>
<td>73</td>
</tr>
<tr>
<td>25</td>
<td>25</td>
<td>74</td>
<td>74</td>
</tr>
<tr>
<td>27</td>
<td>27</td>
<td>75</td>
<td>75</td>
</tr>
<tr>
<td>28</td>
<td>28</td>
<td>76</td>
<td>76</td>
</tr>
<tr>
<td>40</td>
<td>40</td>
<td>77</td>
<td>77</td>
</tr>
<tr>
<td>29</td>
<td>29</td>
<td>78</td>
<td>78</td>
</tr>
<tr>
<td>30</td>
<td>30</td>
<td>79</td>
<td>79</td>
</tr>
<tr>
<td>31</td>
<td>31</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>32</td>
<td>32</td>
<td>7472 212</td>
<td>13</td>
</tr>
<tr>
<td>33</td>
<td>33</td>
<td>14</td>
<td>14</td>
</tr>
<tr>
<td>34</td>
<td>34</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>35</td>
<td>35</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>36</td>
<td>36</td>
<td>17</td>
<td>17</td>
</tr>
<tr>
<td>39</td>
<td>39</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>40</td>
<td>40</td>
<td>19</td>
<td>19</td>
</tr>
</tbody>
</table>

---

**Expenditures (excludes power stripping):**

**Type of Work Performed:**
Geological Mapping

**Permitted on Claims:**
- Geophysical
  - Electromagnetic
  - Magnetometer
  - Radiometric
  - Other

**Special Provisions:**
- For first survey: Enter 40 days. (This includes line cutting)
- For each additional survey: Enter 20 days (for each)

**Total Miles of line Cut:**
247.878 to 10.87

---

**Total number of mining claims covered by this report of work:**
42

---

**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:

**Date Certified:**
28 X 300 BEARDMORE ONT OIL 1867

---

**For Office Use Only:**

**Date Recorded:**
Oct 26 67

**Date Approved as Recorded:**
Oct 26 67

**Branch:**
Mineral Surveying Division

**Mining Recorder:**
W. Hayes

**Certified By Signature:**

---

**Instructions:**

1. If number of mining claims exceed space on this form, attach a list.
2. Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
3. Do not use shaded areas below.
# Mining Act

**Type of Survey(s):** Geophysical, Geological, Geochemical and Expenditures

**Clm Claim Holder(s):** Wescap Enterprises Ltd.

**Address:** Suite 800, 50 Temperance St.

**Survey Company:** Coulson Exploration Inc.

**Prospector's Licence No.:** T1929

**Date of Survey:** 24.7.81 & 10.87

**Total Miles of line Cut:**

### Credits Requested per Each Claim in Columns at right

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Exp. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>718 254</td>
<td>55</td>
</tr>
<tr>
<td>718 263</td>
<td>40</td>
</tr>
<tr>
<td>718 241</td>
<td>42</td>
</tr>
<tr>
<td>718 233</td>
<td>34</td>
</tr>
<tr>
<td>718 241</td>
<td>42</td>
</tr>
<tr>
<td>718 233</td>
<td>34</td>
</tr>
<tr>
<td>718 241</td>
<td>42</td>
</tr>
</tbody>
</table>

### Mining Claims Traversed (List in numerical sequence)

1. Peniti Lassila & Algery Cr. Ajax Ont.
2. Lizzy

### Special Provisions

- **Geophysical:**
  - Electromagnetic
  - Magnetometer
  - Radiometric
  - Other

- **Geological:**
  - Other

- **Geochemical:**
  - Other

### Expenditures (excludes power stripping)

**Work Performed:**

- **Geological Mapping:**
- **Prospecting:**

### Calculation of Expenditure Days Credits

<table>
<thead>
<tr>
<th>Total Expenditure</th>
<th>Total Days Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>$</td>
<td>15</td>
</tr>
</tbody>
</table>

**Total Days Credits:**

### Note:

- Only days credits calculated in the "Expenditures" section may be entered in the "Expended Days Cr." columns.
- Do not use shaded areas below.

---

**Certification Verifying:**

**Name and Postal Address of Person Certifying:**

**Date Certified:** Oct 26 87

---

**For Office Use Only:**

**Date Approved as Recorded:**

**Mineral Recorder:**

**Date Recorded:**

---

**For Office Use Only:**

**Date Approved as Recorded:**

**Mineral Recorder:**

**Date Recorded:**

---

**Date Certified:**

**Certified by:**

**Name and Postal Address of Person Certifying:**

**Date Certified:** Oct 26 87
**Report of Work**

*Geophysical, Geological, Geochemical and Expenditures*

Ministry of Northern Development and Mines

Ontario

**Geological Mapping**

**WEBAPEX ENTERPRISES LTD.**

**Suite 200 - 56 Temperance St. Toronto**

**Survey Company:**

**Name and Address of Author (of Geo-technical report):**

**Prospector's Licence No.:**

**Certificate 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:**

**Mineral Act**

**Township or Area:**

**Type of Survey:**

**Claim Holder:**

**Address:**

**Date of Survey:**

**Total Miles of Line Cut:**

**Prospector's Licence No.:**

**Note:** Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.

- Do not use shaded areas below.

### Special Provisions

- Electromagnetic
- Magnetometer
- Radiometric
- Other

**For first survey:**

Enter 40 days. (This includes line cutting)

**For each additional survey:**

Using the same grid:

Enter 20 days (for each)

### Man Days

**Geophysical**

<table>
<thead>
<tr>
<th>Days per Claim</th>
<th>Mining Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>718277</td>
</tr>
</tbody>
</table>

**Geological**

<table>
<thead>
<tr>
<th>Days per Claim</th>
<th>Mining Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>81</td>
<td>718288</td>
</tr>
</tbody>
</table>

**Geochemical**

<table>
<thead>
<tr>
<th>Days per Claim</th>
<th>Mining Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>82</td>
<td>718289</td>
</tr>
</tbody>
</table>

### Credits Requested per Each Claim in Columns at Right

<table>
<thead>
<tr>
<th>Mining Claims Traversed (List in numerical sequence)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

### Expenditures (excludes power stripping)

**Calculation of Expenditure Days Credits**

<table>
<thead>
<tr>
<th>Total Expenditures</th>
<th>Total Days Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>$</td>
<td>15</td>
</tr>
</tbody>
</table>

**For Office Use Only**

**Date Recorded:**

**Date Approve as Recorded:**

**Branch Manager:**

**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:**

**For Office Use Only**

**Date Certified:**

**Certified By Signature:**
### Report of Work

(geophysical, geological, geochemical and expenditures)

Ministry of Northern Development and Mines
Ontario

#### Instructions:
- Use typewriter or print.
- If number of mining claims (herein) exceeds space on this form, attach a list.
- Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

**Type of Survey(s):** Geological Mapping

**Claim Holder(s):** Wescap Enterprises Ltd.

**Address:** Suite 800, 50 Temperance St., Toronto

**Survey Company:** Coulson Exploration Inc.

**Date of Survey (from & to):**

**Total Miles of line Cut:**

**Name and Address of Author (of Technical report):**

**Credits Requested per Each Claim in Columns at right**

**Expenditures** (includes power stripping)

**Type of Work Performed**

**Calculation of Expenditure Days Credits**

**Total number of mining claims covered by this 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:**

---

### Table: Special Provisions

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Exp. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>747029</td>
<td>40</td>
</tr>
<tr>
<td>71823</td>
<td>74</td>
</tr>
<tr>
<td>71825</td>
<td>76</td>
</tr>
</tbody>
</table>

### Table: Airborne Credits

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Exp. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>747029</td>
<td>40</td>
</tr>
<tr>
<td>747057</td>
<td>58</td>
</tr>
<tr>
<td>718259</td>
<td>60</td>
</tr>
</tbody>
</table>

---

**RECEIVED**

Geological and Geochemical

**RECEIVED**

Geological and Geochemical

**MINING LANDS SECTION**

**Note:** Special provisions credits do not apply to Airborne Surveys

---

**Date:** Oct 26, 87

**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:**

**Date Certified:** Oct 30, 87

**Certified by Signature:**

---

**Instructions:**
- Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.
Ministry of Northern Development and Mines
Ontario

Report of Work
(geophysical, geological, geochemical and expenditures)

Mining Act

Type of Survey(s)
Geological Mapping

Mining Act

Claim Holder(s)
WECON ENTERPRISES LTD.

Prospector’s Licence No.
T 1929

Address
SANDRA TWP 1

Survey Company
Coulson Exploration Inc.

Date of Survey (from & to)
21-7-87 to 10-8-77

Total Miles of line Cut

Name and Address of Author (of Geo-Technical report)


Credits Requested per Each Claim in Columns at Right

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Exp. Days Cr.</th>
<th>Mining Claim</th>
<th>Exp. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>747239</td>
<td>40</td>
<td>747239</td>
<td>41</td>
</tr>
<tr>
<td>747239</td>
<td>42</td>
<td>747239</td>
<td>43</td>
</tr>
</tbody>
</table>

Special Provisions

<table>
<thead>
<tr>
<th>Days per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
</tr>
</tbody>
</table>

Expenditures (excludes power stripping)

Type of Work Performed
Geological Mapping

Calculation of Expenditure Days Credits

Total Expenditures
$100

Total Days Credits
15

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
Hugh Coulson
Box 300 BEAVERHORNE ONT. 007-26-87
**Report of Work**

(geophysical, geological, geochemical and expenditures)

---

**Ministry of Northern Development and Mines**

**Ontario**

**Survey of: 205204**

---

**Geological Mapping**

**Wescap Enterprises Ltd.**

**Suite 800 56 Temperance St. Toronto**

**Coulson Exploration Inc.**

---

**Type of Survey:**

- **Geological Mapping**

---

**Claim Holders: Wescap Enterprises Ltd.**

**Address:** Suite 800 56 Temperance St. Toronto

---

**Survey Company:** Coulson Exploration Inc.

**Prospector's Licence No:** T1929

---

**Date of Survey (from to):** 25/7/81 and 24/10/81

**Total Miles of Line Cut:** 87

---

**Name and Address of Author of Geo-Technical Report:**

---

**Special Provisions**

- **For first survey:** Enter 40 days. (This includes line cutting)
  - **Geophysical:** 40 days
  - **Geological:** 40 days
  - **Geochemical:** 40 days

- **For each additional survey using the same grid:** Enter 20 days (for each)
  - **Geophysical:** 70 days
  - **Geochemical:** 70 days

---

**Man Days**

Complete reverse side and enter total(s) here

---

**Expenditures (excludes power stripping)**

---

**Geophysical**

- Electromagnetic
- Magnetometer
- Radiometric
- Other

**Geochemical**

- Other

---

**Airborne Credits**

- Electromagnetic
- Magnetometer
- Radiometric

---

**Calculation of Expenditure Days Credits**

- Total Expenditures
- Total Days Credits

---

**Instructions**

Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

---

**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.

---

**For Office Use Only**

<table>
<thead>
<tr>
<th>Date Recorded</th>
<th>Time</th>
<th>Date Approver Recorded</th>
<th>Branch Director</th>
</tr>
</thead>
<tbody>
<tr>
<td>17/20</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Date Certified:** Oct. 26 - 81
**Report of Work**

(Geophysical, Geological, Geochemical and Expenditures)

**Claim Holder(s)**

**WESCAP ENTERPRISES LTD.**

**Address**

**SUITE 800 56 TEMPERANCE ST. TORONTO.**

**Survey Company**

**COULSON EXPLORATION INC.**

**Name and Address of Author (of Geo-Technical report)**

**JEFF ACKART 117 PARKSIDE AVE. TORONTO ONT. NURBYG**

**Credits Requested per Each Claim in Columns at right**

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Expnd. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>747039</td>
<td>40</td>
</tr>
<tr>
<td>747057</td>
<td>58</td>
</tr>
<tr>
<td>747031</td>
<td>22</td>
</tr>
<tr>
<td>718259</td>
<td>61</td>
</tr>
</tbody>
</table>

**Expenditures (excludes power stripping)**

**Type of Work Performed**

- Geophysical
- Geological
- Geochemical

**Special Provisions**

- For first survey: Enter 40 days. (This includes line cutting)
- For each additional survey: using the same grid: Enter 20 days (for each)

**Man Days**

- Complete reverse side and enter total here

**Airborne Credits**

- Electromagnetic
- Magnetometer
- Radiometric

**Expenditures**

**Total Expenditures**

- **Total Days Credits**

**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**

**Date**

**Certified by Signature**

**Number of mining claims traversed by this report of work.**

**Total number of mining claims covered by this report of work.**

27

**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**

**Date**

**Certified by Signature**
**Report of Work**

(geophysical, geological, geochemical and expenditures)

**Type of Survey:**

**Geological Mapping**

**Claim Holders:**

WESCAP ENTERPRISES LTD.

**Address:**

Suite 800 S. Temperance St., Toronto

**Survey Company:**

COULSON Exploration Inc.

**Date of Survey:**

July 15, 1971

**Total Miles of line Cut:**

22

**Name and Address of Author (of Geotechnical report):**

JEFF ACKART 117 Parkside Dr., Toronto, Ont. M4R 2Y8

**Cables Requested per Each Claim in Columns at right**

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Expended Days Cr.</th>
<th>Mining Claim</th>
<th>Expended Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>755084</td>
<td>85</td>
<td>755107</td>
<td>08</td>
</tr>
<tr>
<td>9083</td>
<td>26</td>
<td>09</td>
<td>87</td>
</tr>
<tr>
<td>01</td>
<td>88</td>
<td>10</td>
<td>89</td>
</tr>
<tr>
<td>98</td>
<td>90</td>
<td>96</td>
<td>91</td>
</tr>
<tr>
<td>04</td>
<td>92</td>
<td>94</td>
<td>95</td>
</tr>
<tr>
<td>03</td>
<td>93</td>
<td>05</td>
<td>98</td>
</tr>
<tr>
<td>02</td>
<td>94</td>
<td>99</td>
<td>99</td>
</tr>
<tr>
<td>01</td>
<td>01</td>
<td>97</td>
<td>97</td>
</tr>
<tr>
<td>03</td>
<td>02</td>
<td>100</td>
<td>03</td>
</tr>
<tr>
<td>02</td>
<td>04</td>
<td>05</td>
<td>06</td>
</tr>
</tbody>
</table>

**Expenditures (excludes power stripping)**

**Calculation of Expenditure Days Credits**

Total Expenditures: $1080

Total Days Credits: 27

**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:

A. COULSON

Box 300 Gearmore Ont.

Date Certified: 08-26-87

Certified by (Signature):
**Ministry of Northern Development and Mines**

**Ontario**

**Report of Work**

(Geophysical, Geological, Geochemical and Expenditures)

**Ministry of Northern Development and Mines**

**Ontario**

**Report of Work**

(Geophysical, Geological, Geochemical and Expenditures)

**Geological Mapping**

**WESCO ENTERPRISES LTD.**

**Address**

SUITE 800 5th TEMPERANCE ST. TORONTO

**Coulson Exploration Inc.**

**Prospector's Licence No.**

**1929**

**Date of Survey**

**24 7 87**

**Total Miles of line Cut**

**10 87**

**Type of Survey(s)**

Geological Mapping

**Special Provisions**

For first survey:
- Enter 40 days. (This includes line cutting)

For each additional survey:
- Enter 20 days (for each)

**Man Days**

Complete reverse side and enter totals here

**Airborne Credits**

Note: Special provisions do not apply to Airborne Surveys

**Expenditures (excludes power stripping)**

**Type of Work Performed**

Geological Mapping

**Calculation of Expenditure Days Credits**

Total Expenditures + 15 = Total Days Credits

**Instructions**

Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

**For Office Use Only**

**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**

HUGH COULSON

_12830 CWOARDMORE OUT.

Date Certified: _10 26 87_

Certified by (Signature): _

---

**Report of Work**

(Geophysical, Geological, Geochemical and Expenditures)

**Geological Mapping**

**WESCO ENTERPRISES LTD.**

**Address**

SUITE 800 5th TEMPERANCE ST. TORONTO

**Coulson Exploration Inc.**

**Prospector's Licence No.**

**1929**

**Date of Survey**

**24 7 87**

**Total Miles of line Cut**

**10 87**

**Type of Survey(s)**

Geological Mapping

**Special Provisions**

For first survey:
- Enter 40 days. (This includes line cutting)

For each additional survey:
- Enter 20 days (for each)

**Man Days**

Complete reverse side and enter totals here

**Airborne Credits**

Note: Special provisions do not apply to Airborne Surveys

**Expenditures (excludes power stripping)**

**Type of Work Performed**

Geological Mapping

**Calculation of Expenditure Days Credits**

Total Expenditures + 15 = Total Days Credits

**Instructions**

Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

**For Office Use Only**

**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**

HUGH COULSON

_12830 CWOARDMORE OUT.

Date Certified: _10 26 87_

Certified by (Signature): _
## Report of Work

### Geological Happing

#### Claim Holder(s)
- Wescap Enterprises Ltd.

#### Address
- Suite 300 St. Temperance St., Toronto

#### Survey Company
- Coulson Exploration Inc.

#### Date of Survey (from) - 24, 7, 87. Date of Survey (to) - 8, 10, 87.

#### Name and Address of Author (of Geo-technical report)
- Pentti Lasila - 68 Aigewear Cr., Ajax Ont. L1S 2Y8

### Credits Requested per Each Claim in Columns at right

<table>
<thead>
<tr>
<th>Special Provisions</th>
<th>Geophysical</th>
<th>Days per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>For first survey:</td>
<td>- Electromagnetic</td>
<td>40</td>
</tr>
<tr>
<td>Enter 40 days. (This includes line cutting)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>For each additional survey, using the same grid:</td>
<td>- Magnetometer</td>
<td>20</td>
</tr>
<tr>
<td>Enter 20 days (for each)</td>
<td>- Radiometric</td>
<td>10</td>
</tr>
<tr>
<td>- Other</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Geological</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Geochemical</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

### Man Days

<table>
<thead>
<tr>
<th>Geophysical</th>
<th>Days per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Electromagnetic</td>
<td>20</td>
</tr>
<tr>
<td>- Magnetometer</td>
<td>20</td>
</tr>
<tr>
<td>- Radiometric</td>
<td>20</td>
</tr>
<tr>
<td>- Other</td>
<td>20</td>
</tr>
<tr>
<td>Geological</td>
<td>20</td>
</tr>
<tr>
<td>Geochemical</td>
<td>20</td>
</tr>
</tbody>
</table>

### Airborne Credits

<table>
<thead>
<tr>
<th>Geophysical</th>
<th>Days per Claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Electromagnetic</td>
<td>20</td>
</tr>
<tr>
<td>- Magnetometer</td>
<td>20</td>
</tr>
<tr>
<td>- Radiometric</td>
<td>20</td>
</tr>
</tbody>
</table>

### Expenditures (excludes power stripping)

<table>
<thead>
<tr>
<th>Type of Work Performed</th>
<th>Mining Claim Prefix</th>
<th>Expended Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Survey(s)</td>
<td>JW5124</td>
<td>25</td>
</tr>
<tr>
<td>Geophysical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Electromagnetic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Magnetometer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Radiometric</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geological</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geochemical</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Calculation of Expenditure Days Credits

\[
\text{Total Expenditures} + 15 = \text{Total Days Credits}
\]

### Certification Verifying Report

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:
- Coulson

Date Certified: Oct 26, 87
Ministry of Northern Development and Mines

Ontario

Report of Work

(geophysical, geological, geochemical and expenditures)

[Image of the page]

**Minister**

Northern Development and Mines

[Signature]

**Inspection**

- Please type or print.
- If number of mining claims traversed exceeds space on this form, attach list.
- Only days credits calculated in the "Expenditures" section may be entered in the "Exp. Days Cr." columns.
- Do not use shaded areas below.

**Ontario**

**Toronto**

**Report of Work**

(geophysical, geological, geochemical and expenditures)

**Name and Address of Author (of Geo-Technical Report)**

**Log**

**Credits Requested per Each Claim in Columns at right**

**Mining Claims Traversed (List in numerical sequence)**

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Exp. Days Cr.</th>
<th>Mining Claim</th>
<th>Exp. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>747223</td>
<td>24</td>
<td>785591</td>
<td>92</td>
</tr>
<tr>
<td>24</td>
<td>25</td>
<td>93</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>27</td>
<td>94</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>28</td>
<td>95</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>27</td>
<td>96</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>97</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>26</td>
<td>98</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>25</td>
<td>99</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>32</td>
<td>400</td>
<td>01</td>
</tr>
<tr>
<td>37</td>
<td>38</td>
<td>02</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>37</td>
<td>03</td>
<td></td>
</tr>
</tbody>
</table>

**Special Provisions**

- **For first survey:**
  - Enter 40 days. (This includes line cutting)
- **For each additional survey:**
  - Enter 20 days (for each)

**Men Days**

- Complete reverse side and enter total(s) here

**Expenditures (excludes power stripping)**

**Type of Work Performed**

- Geophysical
  - Electromagnetic
  - Magnetometer
  - Radiometric
  - Other
  - Geological
  - Geochemical

**Calculation of Expenditure Days Credits**

- **Total Expenditures**
- **Total Days Credits**
- **Number of mining claims covered by this report of work.**

**For Office Use Only**

- **Date Recorded**
- **Date Approved**

**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 hereeto, 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**

[Signature]

[Box 300, Broomfield, Ont.]

**Date Certified**

**Certified by**
## Report of Work

### Geophysical, Geological, Geochemical and Expenditures

**Ministry**

**Northern Development**

**Ontario**

**Developments**

**and Mines**

---

**Type of Survey(s):**

**Geological Mapping**

**Claim Holder(s):**

**WECDAP ENTERPRISES LTD.**

**Suite 800, 56 Temperance St., Toronto**

**Survey Company:**

**COULSON EXPLORATION INC.**

**Name and Address of Author (of Geo-Technical report):**

**PENNITI, HASSILA & ALBERY CR. AYAK, ONT. L5Z 2Y3**

---

### Special Provisions

- **For first survey:** Enter 40 days. (This includes line cutting)
- **For each additional survey:** Enter 20 days (for each)
- **Geophysical:**
  - Electromagnetic
  - Magnetometer
  - Radiometric
  - Other
- **Geological:**
  - Geophysical
  - Other
- **Geochemical:**
  - Geophysical
  - Other
- **Man Days:**
  - Complete reverse side and enter totals here
- **Airborne Credits:**
  - Electromagnetic
  - Magnetometer
  - Radiometric

---

### Calculation of Expenditure Days Credits

**Total Expenditures**

**Total Days Credits**

**Instructions:** Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

---

### Mining Claims Traversed (List in numerical sequence)

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Expended Days Cr.</th>
<th>Mining Claim</th>
<th>Expended Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>718323</td>
<td>24</td>
<td>747072</td>
<td>73</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td></td>
<td>74</td>
</tr>
<tr>
<td></td>
<td>26</td>
<td></td>
<td>75</td>
</tr>
<tr>
<td></td>
<td>27</td>
<td></td>
<td>76</td>
</tr>
<tr>
<td></td>
<td>28</td>
<td></td>
<td>77</td>
</tr>
<tr>
<td></td>
<td>29</td>
<td></td>
<td>78</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td></td>
<td>79</td>
</tr>
<tr>
<td></td>
<td>31</td>
<td></td>
<td>80</td>
</tr>
<tr>
<td></td>
<td>32</td>
<td></td>
<td>81</td>
</tr>
<tr>
<td></td>
<td>33</td>
<td></td>
<td>82</td>
</tr>
<tr>
<td></td>
<td>34</td>
<td></td>
<td>83</td>
</tr>
<tr>
<td></td>
<td>35</td>
<td></td>
<td>84</td>
</tr>
<tr>
<td></td>
<td>36</td>
<td></td>
<td>85</td>
</tr>
<tr>
<td></td>
<td>37</td>
<td></td>
<td>86</td>
</tr>
<tr>
<td></td>
<td>38</td>
<td></td>
<td>87</td>
</tr>
<tr>
<td></td>
<td>39</td>
<td></td>
<td>88</td>
</tr>
<tr>
<td></td>
<td>40</td>
<td></td>
<td>89</td>
</tr>
</tbody>
</table>

---

### Expenditures (Excludes power stripping)

**Type of Work Performed:** Geological Mapping

**Performed on Claims:**

---

### Total Number of Mining Claims Covered by this Report of Work

**42**

---

### 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:**

**HUGH COULSON**

**Box 300, Georgetown ONT. L9K 1E7**

---

**Certification Date:**

**October 1, 1957**

---

**Certification by Signature:**

[Signature]

---

**Date Certified by:**

**October 1, 1957**

---

**Certified by:**

[Signature]
**Report of Work**

(Geophysical, Geological, Geochemical and Expenditures)

**Type of Survey(s):** Geological Mapping

**Claim Holder(s):** WESCAP ENTERPRISES LTD.

**Address:** SULTA 800 5th TEMPERANCE ST.

**Survey Company:** COULSON EXPLORATION INC

**Name and Address of Author (of Geo-Technical report):** PETITI LASSILA 68 ALBURY CR. AJAX ON L6J 1L8

**Credits Requested per Each Claim in Columns at right**

**Mining Claims Traversed (List in numerical sequence)**

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Number</th>
<th>Days</th>
<th>Expend. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>J 18</td>
<td>254</td>
<td>55</td>
<td>42</td>
</tr>
<tr>
<td>J 18</td>
<td>241</td>
<td>43</td>
<td>44</td>
</tr>
<tr>
<td>J 18</td>
<td>263</td>
<td>45</td>
<td>46</td>
</tr>
<tr>
<td>49</td>
<td>47</td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>49</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>52</td>
<td>51</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>54</td>
<td>55</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td>57</td>
<td>58</td>
<td>59</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>61</td>
<td>62</td>
<td></td>
</tr>
<tr>
<td>63</td>
<td>64</td>
<td>65</td>
<td></td>
</tr>
<tr>
<td>66</td>
<td>67</td>
<td>68</td>
<td></td>
</tr>
<tr>
<td>69</td>
<td>70</td>
<td>71</td>
<td></td>
</tr>
<tr>
<td>72</td>
<td>73</td>
<td>74</td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>76</td>
<td>77</td>
<td></td>
</tr>
<tr>
<td>78</td>
<td>79</td>
<td>80</td>
<td></td>
</tr>
</tbody>
</table>

**Expenditures (excludes power stripping)**

**Type of Work Performed:** Geological Mapping

**Performed on Claims:**

**Calculation of Expenditure Days Credits**

<table>
<thead>
<tr>
<th>Total Expenditures</th>
<th>Total Days Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>$120</td>
<td>43</td>
</tr>
</tbody>
</table>

**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:** J. C. COULSON

**Date Certified:** Oct 26 87

**Certified by (Signature):**
Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

**Mining Act**

**Type of Survey**
- Geophysical Mapping

**Claim Holder**
- WESCAP ENTERPRISES LTD.

**Address**
- Suite 800 - 51 TEMPERANCE ST. TORONTO
- 100-102 MULHOLLAND EXPLORATION INC.

**Survey Company**
- GOLCON EXPLORATION INC.

**Date of Survey (from & to)**
- Day: 24, Month: 7, Year: 61 & 62

**Total Miles of line Cut**
- 8.4

**Name and Address of Author of Geo-Technical Report**
- PENTTI RALLILA & ALBERRY CR. AJAY ONT. L1B 2Y3

**Credits Requested per Each Claim in Columns at right**

<table>
<thead>
<tr>
<th>Mining Claim</th>
<th>Exp. Days Cr.</th>
<th>Mining Claim</th>
<th>Exp. Days Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>78277</td>
<td>18</td>
<td>78200</td>
<td>18</td>
</tr>
</tbody>
</table>

**Calculation of Expenditure Days Credits**

<table>
<thead>
<tr>
<th>Total Expenditures</th>
<th>Total Days Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>$150</td>
<td>15</td>
</tr>
</tbody>
</table>

**Expenditures (excludes power stripping)**

**For Office Use Only**

- Date Recorded: 1840
- Date Approved: 12-12-12
- Branch: Mining Recorder

**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:
- HUGH COVAN
- 300 BEARHOLE OUT 00746 87
NOTES

Reserve flooding rights on Lake Nipigon to contour elevation 855' to Ont. Hydro. O.C. dated 26th April 1930. File 1

Also reserve 66' from 855' contour to Ont. Hydro.

AREAS WITHDRAWN FROM DISPOSITION

S.R. - SURFACE RIGHTS
M.R. - MINING RIGHTS

Description Order No. Date Disposition File

SUMMARY

PATENT, SURFACE & MINING RIGHTS
SURFACE RIGHTS ONLY
MINING RIGHTS ONLY
LEASE SURFACE & MINING RIGHTS
SURFACE RIGHTS ONLY
MINING RIGHTS ONLY
LICENSE OF OCCUPATION
ORDER IN COUNCIL
RESERVATION
CANCELLATION
SAND & GRAVEL

LEGEND

HIGHWAY AND ROUTE No.
OTHER ROADS
TRAILS
SURVEYED LINES:
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC.
UNSURVEYED LINES:
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC.
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
OWNERSHIP OR RESERVE
MINES
TRaverse MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT

AREA

POPLAR POINT

M.M.R. ADMINISTRATIVE DISTRICT
NIPIGON
MINING DIVISION
THUNDER BAY
LAND TITLE REGISTRY DIVISION
THUNDER BAY

LEGEND

BASEMAP FEATURES

- Driveable road
- Old logging road
- Claim post - located, projected
- Witness post
- Claim number
- Claim line
- Swamp
- Cliff or sharp break in slope
- Overburden
- Esker
- Rock outcrop

SYMBOLS

- Geological contact
- Bedding
- Foliation
- Fracture (jointing)
- Fault
- Shear
- Pillow lava, pillow with top determined
- Lineation, plunge
- Drag fold with plunge
- Quartz vein
- Magnetic attraction

VEGETATION

- Alders
- Black spruce
- Jack pine
- Poplar
- Cedar
- Balsam
- Birch
- Mixed forest

GEOLOGY

- Ultramafic Intrusive
- Diabase Intrusive
- Felsic Intrusive
  - a - Unsubdivided
  - b - Blue quartz phyric
  - c - Quartz; feldspar porphyry
  - d - Feldspar porphyry
- Mafic Intrusive
  - a - Gabbro
  - b - Diorite
  - c - Quartz diorite
- Metasediments
  - a - Arkose
  - b - Greywacke
  - c - Conglomerate
  - d - Sandstone
  - e - Siltstone/nudstone
  - f - Iron formation
  - g - Argillite
  - h - Graphitic sediment
  - i - Chert
  - j - Quartzite
- Felsic to Intermediate Volcanics
  - a - Rhyolite
  - b - Dacite
  - c - Flew banded
  - d - Tuff breccia
  - e - Lapilli tuff
  - f - Ash tuff
  - g - Amygdaloidal flow
  - h - Pillowed flow
  - i - Qtz feldspar porphyry
  - j - Sericite
- Mafic to Intermediate Volcanics
  - a - Massive fine-grain flow
  - b - Massive medium-grain flow
  - c - Aphyric
  - e - Hornblende feldspar phyric
  - f - Ash tuff
  - g - Andesite
  - h - Amygdaloidal flow
  - i - Pillowed flow

MINERALIZATION

- Sulphides
  - Pyrrhotite
  - Pyrite
  - Chalcopyrite
  - Hematite
  - Ankerite

ALTERATION

- Epidote
- Sericiterization
- Chloritization
- Sericitized
- Calcareous
- Silicified
- Carbonatized
- Rusty

STRUCTURE

- Sheared
- Brecciated
- Foliated
- Banded

HABIT

- Vesicular
- Porphyritic
- Eruptive
- Disseminated

GEOLOGY MAP

Wescap Properties
ROADSIDE PROPERTY
Northwestern Ontario
NTS 42E/12

GEOLOGY MAP

Coulson Exploration Inc.
GEOLOGY MAP

PROPERTY BOUNDARY.

SOUTH BROOKBANK PROPERTY
Northwestern Ontario
NTS42E/12

DRAFTED BY: J. Meek
7/8263

Coulson Exploration Inc