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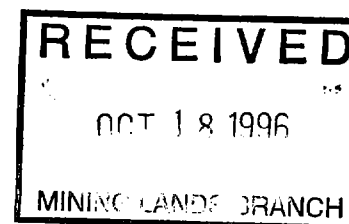
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GEOLOGICAL REPORT
on the
FAIRHAVEN PROPERTY
in
DENTON TOWNSHIP
District of Cochrane

2.16813

Dated; August 19, 1996

John R. Goodwin
John R. Goodwin MSc.



John R. Goodwin, MSc
Consulting Geologist



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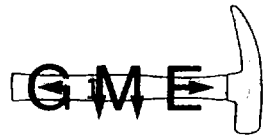
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Geology Map 1:5,000



GOODWIN MINERAL EXPLORATIONS

John R. Goodwin, MSc
Consulting Geologist

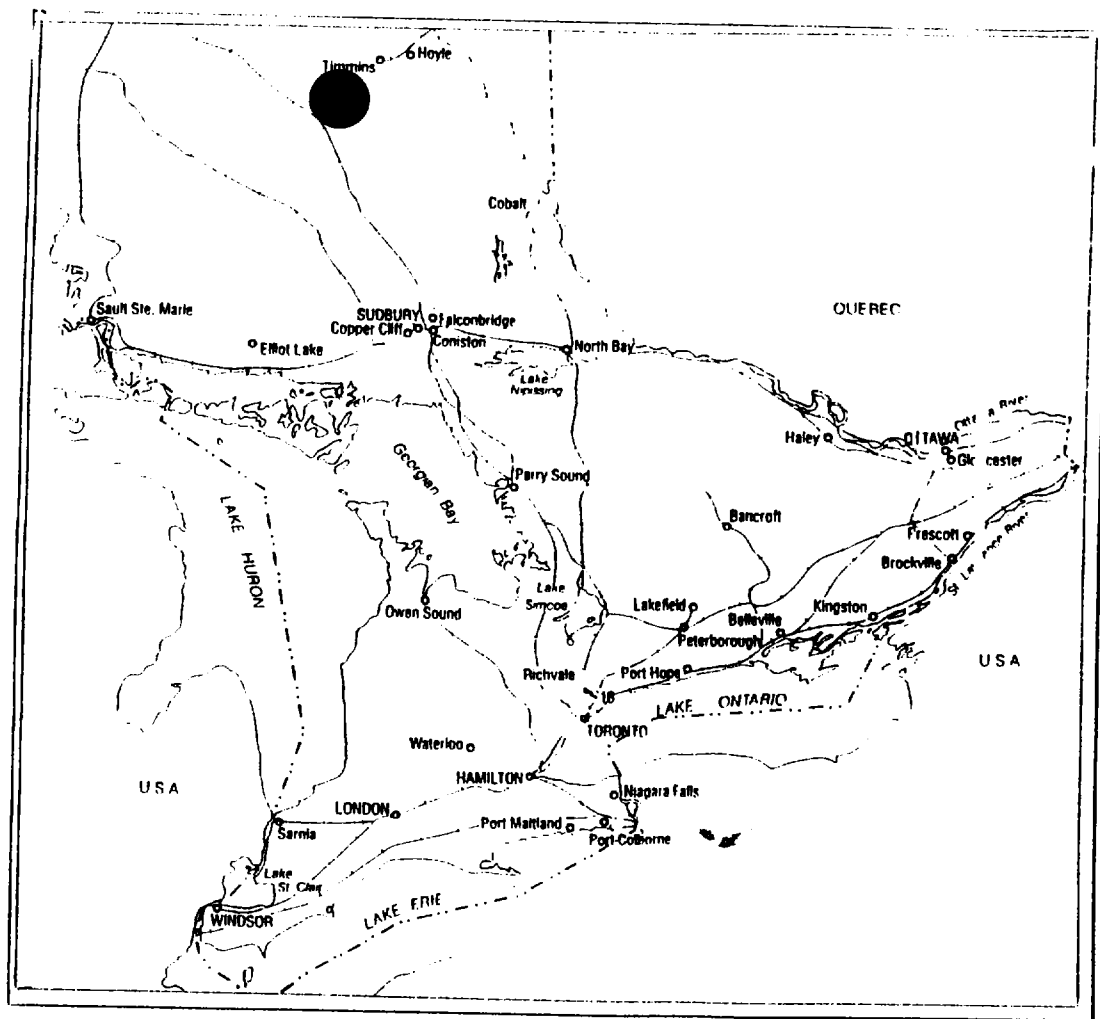
INTRODUCTION

Fairhaven Resources Ltd., a Vancouver based resource company has acquired this mining prospect consisting of 21 claims (32 units) located in the northwest quarter of Denton Township, in the Administrative District of Timmins, Cochrane District, Ontario. The claims are outlined on Claim map # G-3224 (Figure 1) and numbered as follows:

<u>Claim #</u>	<u>Units</u>	<u>Claim #</u>	<u>Units</u>
1177489	1	1177500	1
1177490	1	1181501	1
1177491	1	1181502	1
1177492	1	1181503	1
1177493	1	1190580	2
1177494	1	1190581	2
1177495	1	1190600	8
1177496	1	1193219	2
1177497	1	1206690	2
1177498	1	1206693	1
1177499	1		

ACCESS

Access to the property is readily gained by following Hwy. 101 west from the town of Timmins for approximately 15 km. (Figure 2). The highway transects the claim group diagonally at its centre and several logging roads extend into other parts of the property. The



Scale: 1 inch to 100 miles

GOODWIN MINERAL EXPLORATIONS

PROPERTY LOCATION

Figure 2

John R. Goodwin, MSc
Consulting Geologist

town of Timmins is well serviced by regular major airline flights from Toronto and Ottawa while neighboring communities are served by local airlines. Good highway and railroad service passes through Timmins.

TOPOGRAPHY

The entire property shows little change in relief except for shallow hills of sand and gravel left by the drainage pattern of Cripple Creek. This creek appears to have been a major floodway with banks along the creek at the south end of the claim group and exposures along the hydro line attaining a height of over 15 meters. Remnants of an esker are noted on the southeastern portion of the property.

A mainly softwood forest covers the claim group except some areas have been clear-cut, predominantly for pulpwood. Water is available from Cripple Creek which transects the central portion of the property.

HISTORY

Accurate records of early exploration prior to the 1940s are unavailable however old trenches and pits indicate that surface prospecting was conducted wherever outcrops indicated potential as well as in areas of deeper overburden- possibly following mag. anomalies. This intensive prospecting is a reflection of the proximity of gold occurrences and the favourable conditions for gold mineralization on this property. Direct extensive exploration has been restricted by lack of outcrops which amounts to about 5% of

the property. A search of the assessment files at the Resident Geologists office in Timmins has outlined the following activities:

1910- The Jowsey-Denton and Aumo Porcupine gold prospects are located less than 3 km. north of the Fairhaven claims.

1945- Wakemac Denton Gold Mines drilled 12 holes to investigate two zones of shearing off the southwest portion of this property.

1950- Dominion Gulf Co. carried out magnetic and geological surveys off the south and east portions of the claim group.

1961- Hollinger Mines conducted EM, magnetic and geological surveys on and in areas immediately adjacent to these claims.

1977- Canadian Nickel conducted magnetic, geological and EM surveys over the eastern part of the Fairhaven property in the vicinity of L 33+00 E/5+25S. Eight drill holes were apparently drilled but collars could not be found in the field.

1979- Brown-McDade Mines did geophysical surveys, power stripping, trenching and diamond drilling on quartz veins. Hollinger Argus (1983) conducted further geological and geophysical surveys along with 16 drill holes.

1985- Golden Range Resources did geophysical surveys leading to two drill holes in the eastern portion of the claims.

1986-Newmont Resources conducted geophysical surveys (VLF and Mag) over a portion of Denton Township and included the Brown-McDade property. Some additional drilling was done on the latter.

1988- The Ontario Geological Survey commissioned an airborne geophysical survey to cover a number of townships in the Timmins area including Denton Township.

1994- N. Boa put down one drill hole following geophysical

surveys in the east central part of the property.

REGIONAL GEOLOGY

The regional geology of the Timmins area is well documented and is described by Pyke (1982) to consist predominantly of two major cycles of Archean volcanism unconformably overlain by a thick sequence of epiclastic sediments, all of which are complexly folded, faulted and intruded by younger felsic to mafic intrusives and cut by younger diabase dykes.

Mapping and geological compilations by Barry and Ferguson (1957), Pyke et al (1973), and by Choudry et al (1982) forms the basis for the current geological interpretation of Denton Township. Denton Township is situated near the western end of the Abitibi Greenstone Belt and is underlain by Early Precambrian (Archean) supra-crustal rocks of volcanic and sedimentary origin. The Deloro Group is the oldest of the volcanic cycles and is composed predominantly of calc-alkaline basalt and andesite grading into dacite and rhyolitic flows and pyroclastics in the upper part and locally capped by iron formation. The younger Tisdale Group consists of ultramafic flows and basaltic komatiites overlain by a thick sequence of tholeiitic basalts followed by volcano-clastic calc-alkaline dacites. Metamorphism throughout the area is generally in the greenschist facies except near the later intrusive rocks this may be elevated to epidote-amphibole facies. The supra-crustal rocks have been intruded by Archean felsic and mafic intrusives. The felsic plutonic rocks underlie roughly half of the township, mainly in the northwest corner, extreme southwestern corner, south central and

southeastern portions of the township. These rocks are mainly tonalite, granodiorite, porphyritic granodiorite and granite.

STRUCTURAL GEOLOGY

Several structures appear to cross-cut Denton Township and their extent is uncertain due to extensive overburden. The western extension of the Destor-Porcupine Fault is unclear west of the Mattagami River Fault- a north-northwest sinistral fault with about 1.5 km. displacement. The Bristol and Thornloe Faults may be related to the latter. The Bristol Fault has been traced by others into the Aumo Porcupine Mines property immediately off the northeast portion of the Fairhaven claims. This structure may roughly follow Cripple Creek and underlie Denton Lake off the west end of these claims. The Thornloe Fault is located south of the Brown-McDade property (Claim P 554599) and is comprised of a series of parallel shears- possibly of short strike length individually but appearing to extend all the way across the property in an east-west direction. Two sub-parallel shear structures, the McCoshen Shear (Wakemac Property) and the Scott Shear, are further south off the property and have not been investigated by this author. Younger cross-cutting or transverse faults may also occur and would generally display sinistral displacement of both stratigraphy and major east-west structures.

PROPERTY GEOLOGY

This property is located within the north limb of the Porcupine Syncline and contains the Upper and Middle Formations of

the Deloro Group. They consist of tholeiitic basalts, andesite to rhyolite tuffs and some minor interbedded iron formation. The volcanics are intruded to the north and west by a large granodiorite pluton with the south intrusive contact roughly following the trace of Cripple Creek.

This property can be most clearly described by dividing the claim group into four distinct geologic terrains:

- 1) Felsic Intrusive- west half and north of Cripple Creek.
 - 2) Massive Andesite-Basalt Flow- central part north of baseline.
 - 3) Felsic to Cherty Tuffs- Tie-line 8+00S to south boundary.
 - 4) Strongly Altered Tuffs and Sediments- eastern part of claims.
- 1) Felsic Intrusive.

The felsic intrusive rocks observed on this property are pink to grey, medium to coarse grained quartz diorite. The rock contains from 10 to 15% quartz, 5 to 15% amphibole/chlorite and/or biotite and the remainder is sericitized feldspar. The rock is mainly equigranular, massive and generally shows little fabric. The contact with the volcanics to the south is not exposed and is believed to follow approximately the trace of Cripple Creek as fingers of felsic intrusive occur into the mafic volcanics in the north-central part of the property. The contacts are sharp with minor chlorite and sericite alteration and little change in grain size.

- 2) Massive Andesite-Basalt Flow and Proclastics.

The basalts are dark green, fine to medium grained and are mostly massive flows where observed. Pillows, pillow breccia/flow tops? and amygdaloidal units are less common and are exposed at

L11+00E/5+25N, L2+50W/7+00S, L6+00E/0+50N and possibly at L7+00W/5+50S. The pillowed units strike 060 to 070 degrees and tops are tentatively determined as south. The basalts exposed at L2+50W/7+00S have an ophitic texture on weathered surface which gives it a "diabasic" or intrusive appearance. Alteration of the basalts is weak pervasive chloritization and carbonatization with zones of more intense sericitization accompanied by 1 to 2% pyrite. An iron formation has been mapped by others in the north-central portion of the claims near L 9+00E/ 4+50N. A closer examination by hand stripping more outcrops in the area indicates a mafic intrusive breccia cut by a sulphidic quartz vein in a narrow shear zone. The vein is poorly exposed except for about 20 meters near the north end which was previously power stripped by others. The vein pinches and swells from 20 cm. to about 0.5 meters, trends 002 degrees and dips 80 degrees east. The shear contains white to grey quartz with 5 to 20% pyrite, minor arsenopyrite and strong limonite alteration. The host of the quartz vein/shear is a coarse grained intrusive rock, mainly large hornblende laths to 10mm. carrying white angular felsic fragments to 15 cm. This rock is strongly magnetic at all locations noted and will be more accurately outlined by the magnetometer survey. The trace of this vein is probably indicated by the series of trenches/pits located in this area.

3) Felsic to Cherty Tuffs

The central portion of the Fairhaven claims are underlain by an east-west trending sequence of felsic and cherty tuffs with minor narrow mafic to intermediate tuffs or flows. The contact

between these felsic tuffs and the mafic flows to the north has not been identified however the transition may be gradational. The felsic units are fine grained, laminated, hard and vary in colour from greenish grey for the mafic units to beige and chalky white on polished surfaces. These units strike 080 to 090 degrees with dip vertical to steeply north. A pervasive foliation at 060 degrees becomes much stronger near Hwy 101 west and obliterates all of the primary textures. A corridor of more intense deformation (shearing) appears to roughly follow Hwy 101 west in the central portion of the property. A strong shear in felsic tuffs is exposed off the property near the garbage dump turn-off (equivalent to L5+00E/2+00S) and is again exposed in a felsic tuff/diabase dyke complex near L5+00W/9+50S on the north side of the highway. The shear contains moderate to strong carbonate and sericite alteration with wisps and streaks of rusty pyrite not exceeding 1 to 2%.

4) Strongly Altered Tuffs and Sediments.

The eastern portion of the Fairhaven claims is the most poorly understood because of the scarcity of outcrops and a poor match of survey grid orientation and known conductor trends. A strong shear zone located on L33+00E/5+50S and the immediate area appears to have been examined by Canadian Nickel, 1977, but the area is well overgrown with scrub maple and tag alders so drill hole locations were not located. Old trenching occurs across part of the structure on a narrow quartz vein and several other trenches did not appear to reach bedrock. The shear zone is of unknown width or length and where exposed is strongly sericitized, carbonatized and minor chlorite with minor discontinuous quartz stringers to 10 cm.

carrying less than 1% disseminated pyrite. The host rock is probably a felsic to intermediate tuffaceous sediment with strong fissile cleavage at 060 degrees and dipping steeply north at 80 degrees. Another strong shear is exposed off the property to the south and adjacent to Cripple Creek. The surface is strongly sheared and cross-fractured, weathers buff to beige and red-brown and is pale green-grey on a fresh surface. The rock appears to carry about 1% disseminated pyrite. Scattered quartz-calcite stringers may contribute to the brecciated appearance. This shear zone also strikes at about 060 degrees and dips steeply to the north at 80 degrees.

The youngest of the intrusive rocks on the property are the north-south trending diabase dykes of Middle to Late Precambrian age. They are generally medium to coarse grained depending on the width which can vary from 2 cm. to 20 meters. The outcrops are reddish brown on weathered surface and moderately to strongly magnetic. The fresh surface is quite black with up to 20% light green sericitized feldspars (plagioclase?). A magnetic survey will have difficulty following these dykes as the grid direction is parallel to these dykes.

CONCLUSIONS

1) This geological mapping has shown the presence of favourable rock-types and desirable structural environment for precious metal and/or base metal deposition.

2) There are a number of well documented and verified gold occurrences and deposits adjacent to and on the Fairhaven claims.

3) The Fairhaven property was perviously covered by sporadic and incomplete exploration and without the advantages of new technologies in mineral exploration.

4) There is a high probability of several alteration zones extending into and/or across the property that have not been reliably investigated.

5) Further exploration of this property is warranted to test favourable horizons and possible broad mineralized structures in deep overburden using " state of the art" technology.

BIBLIOGRAPHY

Choudry, A.G.

1982: Precambrian Geology of Denton Township, Cochrane District, Ontario Geological Survey, Map # P2501.

Pyke, D.R.

1982: Geology of the Timmins Area, District of Cochrane Ontario Geological Survey Report # 219, 141 p.

Resident Geologists Office, Timmins, District of Cochrane.

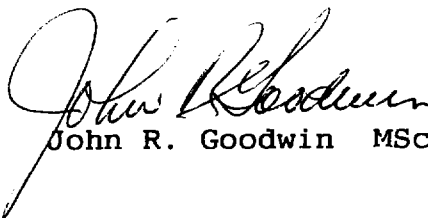
- various assessment files as pertain to this property.

CERTIFICATE

I, John R. Goodwin of 445 Browning Street, Haileybury, District of Temiskaming, Ontario, do hereby certify the following to be true and accurate:

- 1) I am a graduate of Laurentian University in Sudbury, Ontario where I recieved a MSc degree in Geological Science in 1980.
- 2) I am a Fellow of the Geological Association of Canada.
- 3) I was employed in the mining industry as an exploration geologist until 1986 and have acted as a Consulting Geologist since that time.
- 4) I carried out the field work and am the author of this report titled" Geological Report on the Fairhaven Property, Denton Township, dated August 19, 1996.
- 5) I have no interest, directly or indirectly, in the properties or securities of Fairhaven Resources Ltd. nor do I expect to recieve or acquire any.

Dated this 19th day of August, 1996.
Haileybury, Ontario.


John R. Goodwin MSc



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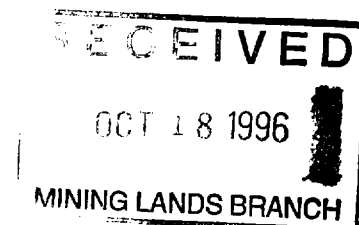
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GEOPHYSICAL REPORT
ON THE
DENTON PROPERTY
LOCATED IN
DENTON TOWNSHIP - PORCUPINE MINING DIVISION
FOR
FAIRHAVEN RESOURCES

2.16813

Submitted by: R.J. Meikle
Rayan Exploration Ltd.
Aug., 1996

Qual. # 2.3860





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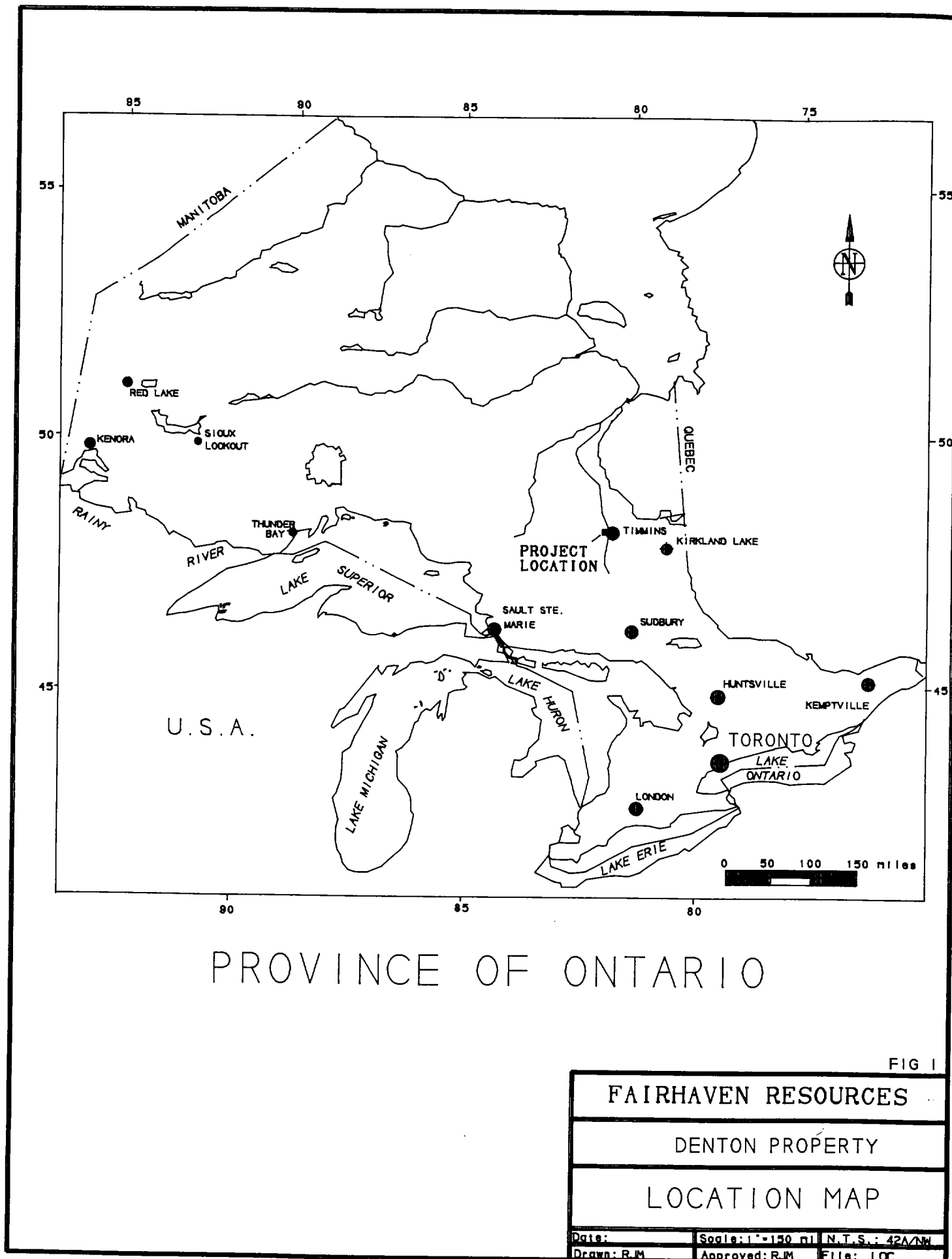
LOCATION AND ACCESS

The Property is located in the northern portion of Denton Township, Porcupine Mining Division, District of Cochrane. It is situated approximately 30km. southwest of the city of Timmins, Ontario. Hwy 101 west runs diagonally through the central section of the claim group. Also, Cripple creek runs perpendicular to the Hwy through this same area.

Access to the property was gained via HWY 101 west from the city of Timmins. At approximately the 30 km point where Cripple Creek crosses the Hwy. is roughly the centre of the claim group. The Hwy runs diagonally through the property and provides excellent access to much of the grid.

PERSONNEL

The Total Field Magnetometer survey was carried out by John Hussey of Hussey Geophysics, Timmins, Ontario, during July-August, 1996.



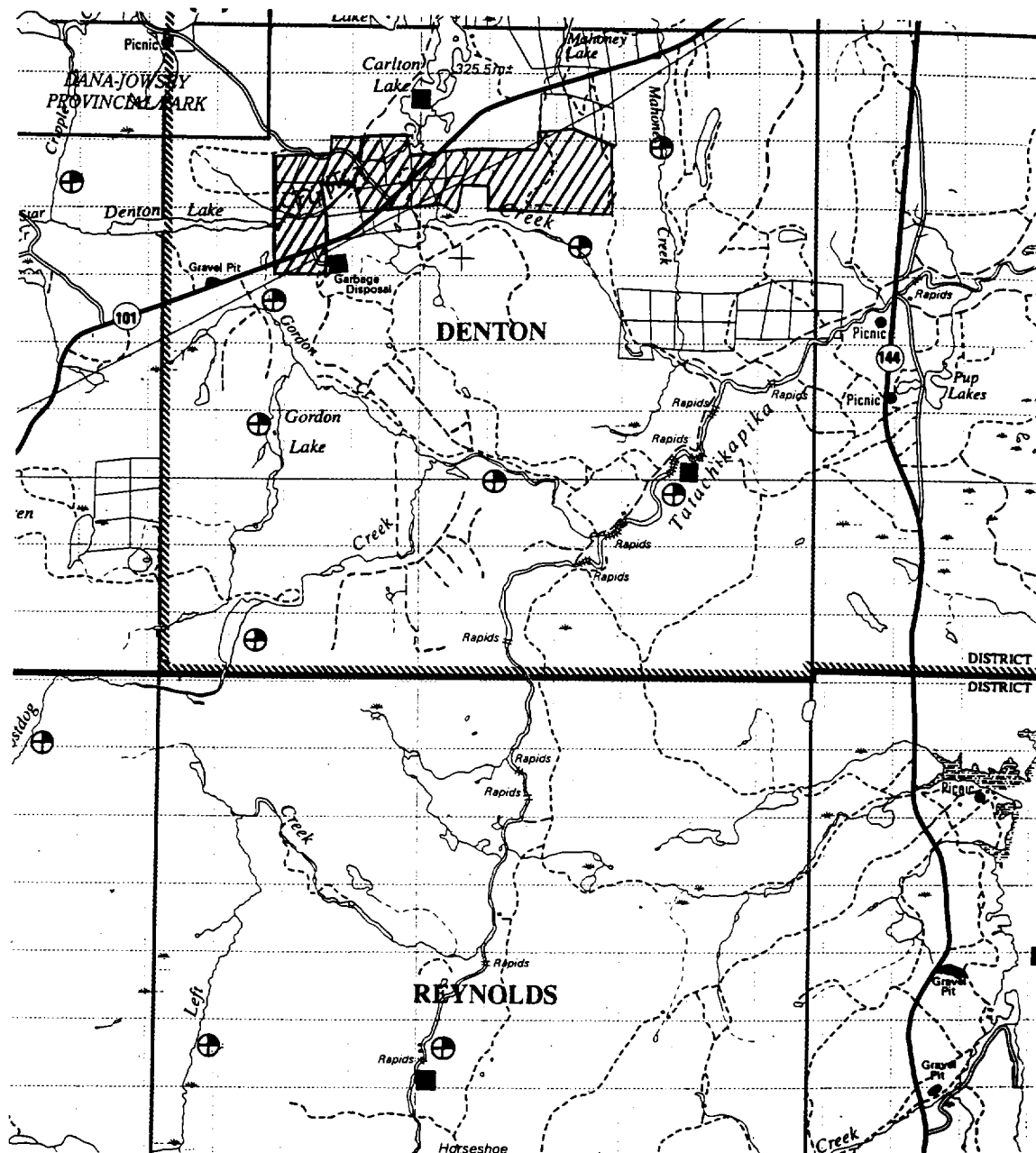


FIG 2

Client: FAIRHAVEN RESOURCES
Property: DENTON PROPERTY
Title: REGIONAL
LOCATION SKETCH

Prepared: RJM	Checked: RJM
Date: AUG/96	Township: DENTON
Province: ONT	N.T.S.: 42A/NW
Scale: 1:100000	Drawing: R-346



RAYAN
EXPLORATION LTD

CLAIMS

The Denton Property covers or partially covers a total of 21 contiguous, unpatented mining claims (32 units), located in Denton Township, Porcupine Mining Division, District of Cochrane. The claim numbers for those claims covered are listed in numeric order below.

<u>Claim #</u>	<u># of units</u>	<u>Township</u>
1177489	1	Denton
1177490	1	Denton
1177491	1	Denton
1177492	1	Denton
1177493	1	Denton
1177494	1	Denton
1177495	1	Denton
1177496	1	Denton
1177497	1	Denton
1177498	1	Denton
1177499	1	Denton
1177500	1	Denton
1181501	1	Denton
1181502	1	Denton
1181503	1	Denton
1190580	2	Denton
1190581	2	Denton
1190600	8	Denton
1193219	2	Denton
1206690	2	Denton
1206693	1	Denton
-----	-----	
21 Claims	32 Units	

GEOLOGY

The property is shown on the Timmins-Kirkland Lake Map No. 2205, to be situated within the Abitibi Greenstone Belt which covers much of northeastern Ontario and northwestern Quebec.

Generally this belt is underlain by a variety of mafic to felsic volcanics and related sediments as well as felsic to ultramafic intrusive.

The preliminary report on the Denton Property written by Peter J. Vamos in May of 1996 gives a general description describes the property geology as follows. " The Fairhaven property is underlain by a series of felsic to intermediate volcanics, separated by a clastic sedimentary unit, while the northwestern quarter of the claims is reported as being underlain by a portion of large felsic intrusive."

PREVIOUS WORK

The following is a brief description of some of the reported work done on or adjacent to the subject property.

WAKEMAC DENTON GOLD MINES: 1945

- 12 DDH holes

CANADIAN NICKEL: 1979

- Geophysical program
- Geochemical program
- Sampling program

BROWN McDADE MINES: 1979-80

- Geophysical Program
- Power stripping
- DDH program

HOLLINGER ARGUS LIMITED: 1983-4

- Geological program
- Geophysical program
- 16 DDH holes

GOLDEN RANGE RESOURCES: 1985

- DDH program

NEWMONT RESOURCES: 1986

- Geophysical program
- DDH program

ONTARIO GEOLOGICAL SURVEY: 1988

- AEM survey

WORK PROGRAM

An east-west base line with perpendicular cross lines was cut on the western 2/3 of the property. The direction of the base line was then changed to 62 degrees with perpendicular cross lines to cover the remaining 1/3 of the property to the east. This change in base line direction was designed to compensate for an interpreted change in the geological strike direction. A 100m cross-line spacing and with 25m station interval was used for all lines.

A total of 57 km. of grid lines were surveyed with a Total Field Proton Magnetometer. This included all tie lines and cross lines.

The following is a brief description on the Geophysical Survey Method used:

MAGNETOMETER SURVEY

A GEM Systems GSM-19 Overhauser effect magnetometer was used to carry out the magnetic survey. The instrument is synchronized with an identical unit used as recording base station to help eliminate magnetic diurnal variation. This should ensure an accuracy of less than 1 Nt.

The Proton Precession method involves energizing a wire coil immersed in a hydrocarbon fluid. This causes the protons in the proton rich fluid to spin or precess simulating spinning magnetic dipoles. When the current is removed the protons precess about the direction of the earth's magnetic field, generating a signal in the same coil which is proportional to the total magnetic field intensity. In this way, the horizontal gradient of the earth's magnetic field can be measured and plotted in plan form with values of equal intensity joined to form a contour map.

This presentation is useful in correlating with other data sets to aid in structural interpretation. Individual magnetic responses can be interpreted for dip, depth and width estimates after profiling the data.

The following parameters were employed for the survey:

Instrument - GSM GEM-19 Overhauser Effect Magnetometer
Reading Interval - 12.5m
Line Interval - 100m
Diurnal Correction Method - GSM-19 Recording Base Station
Data Presentation - Magnetic Data Posting and Contour Map
- 1:5000 scale

SURVEY RESULTS

The Magnetometer Survey outlined several zones of higher magnetic susceptibility. There are several, narrow, linear, north-south trending magnetic highs on the west part of the property. These are interpreted to be Diabase dikes which correlates with OGS Map No. 2205. However, resolution of the dikes is poor because of the parallel strike direction to the grid lines.

A predominant magnetic high strikes north-east across the property from the southwest corner to the north-east corner. This is interpreted to be Iron Formation within Mafic Volcanics, sub parallel to a contact with Granite Intrusive approximately 200-300 meters to the north-west. This interpretation is for the most part based on OGS Map No. 2205 which correlates quite well with the ground magnetic survey. This same map indicates two north-south fault zones in the middle part of the property which correlates with an apparent offset of the interpreted iron formation described above in the area between Line 8E and L16E. Resolution of this proposed offset is poor due to suspected north-south dikes, most notable on Lines 8E, 13E, and 16E.

RECOMMENDATIONS and CONCLUSIONS

The results of the Magnetic Survey should be correlated with the Geological Mapping being carried out. This should help resolve the boundaries of the different geological units proposed in the above results.

If a diamond drilling program is planned on the property, consideration should be given to a detailed magnetic survey in the vicinity of the hole to avoid the numerous interpreted north-south dikes across the property which are not well resolved due to the parallel strike direction to the grid and the narrow width.

An I.P. Survey is strongly recommended to define areas of potential disseminated mineralization as well as alteration. This survey is reported to be effective in exploration programs in the immediate area.

CERTIFICATION

I, Raymond Joseph Meikle of Timmins, Ontario hereby certify that:

1. I hold a three year Technologist Diploma from the Haileybury School of Mines, Haileybury, Ontario, obtained in May 1975.

2. I have been practising my profession since 1973 in Ontario, Quebec, Nova Scotia, New Brunswick, Newfoundland, NWT, Manitoba, Germany and Chile.

3. I have been employed directly with Teck Corporation, Metallgesellschaft Canada Ltd. Sabina Industries, .S. Middleton Exploration Services Ltd., self employed 1979-1985 (Rayan Exploration Ltd.) and currently with Rayan Exploration Ltd.

4. I have based conclusions and recommendations contained in this report on knowledge of the area, my previous experience and on the results of the field work conducted on the property during 1996.

5. I hold no interest, directly or indirectly in this property, nor do I expect to receive any interest or considerations other than fees for consulting services.

Dated this 12th day of August, 1996
at Timmins, Ontario.



R.J. Meikle

APPENDIX A
GEM SYSTEMS GSM-19 MAGNETOMETER

3. INSTRUMENT DESCRIPTION

PHYSICAL OVERVIEW

The parts of the GSM-19 magnetometer/gradiometer are as follows.

- The sensor is a dual coil type designed to reduce noise and improve gradient tolerance. The coils are electrostatically shielded and contain a special proton rich liquid in a sealed pyrex bottle-RF resonator. No refilling of the liquid is ever needed or possible.
- The sensor cable is coaxial, typically RG-58/U, up to 100m long.
- The staff is made of strong aluminum tubing sections (plastic staff optional). This construction allows for a selection of sensor elevations above ground during surveys. For best precision the full staff length should be used. Recommended sensor separation in gradiometer mode is one staff section (56cm), although two or more sections are sometimes used for maximum sensitivity.
- The console contains all the electronic circuits. It has a 16 key keyboard, a 8 x 30 character, or 64 x 240 pixel display, and sensor and power/input/output connectors. The keyboard also serves as an ON-OFF switch.

The power/input/output 6 pin connector also serves as an RS232C input/output and/or contact closure triggering input. Optional dual analog output is available on a 3 pin connector.

- All connectors, the keyboard and front panel mounting screws are sealed i.e. **the instrument can operate under rainy conditions.**

The charger has 2 levels of charging, full and trickle, switching automatically from one to another. Input is normally 110V/220V 50/60Hz. Optionally, 12VDC input can be provided.

- The all-metal housing of the console guarantees excellent EMI protection.

INSTRUMENT SPECIFICATIONS
MAGNETOMETER / GRADIOMETER

Resolution:	0.01 nT (gamma), magnetic field and gradient.
Accuracy:	0.2 nT over operating range.
Range:	20,000 to 120,000 nT.
Gradient Tolerance:	Over 10,000 nT/m
Operating interval:	3 seconds minimum, faster optional. Readings initiated from keyboard, external trigger, or carriage return via RS-232-C.
Input/Output:	6 pin weatherproof connector, RS-232C, and (optional) analog output.
Power Requirements:	12 V, 200 mA peak (during polarization), 30 mA standby. 300mA peak in gradiometer mode.
Power Source:	Internal 12 V, 2.6 Ah sealed lead-acid battery standard, others optional. An External 12V power source can also be used.
Battery Charger:	Input: 110 VAC, 60 Hz. Optional 110/220 VAC, 50/60 Hz. Output: dual level charging.
Operating Ranges:	Temperature: -40 °C to +60 °C. Battery Voltage: 10.0 V minimum to 15V maximum. Humidity: up to 90% relative, non condensing.
Storage Temperature:	-50°C to +65°C
Display:	LCD: 240 x 64 pixels, or 8 x 30 characters. Built in heater for operation below -20°C
Dimensions:	Console: 223 x 69 x 240mm. Sensor staff: 4 x 450mm sections. Sensor: 170 x 71mm dia. Weight: Console 2.1kg, Staff 0.9kg, Sensors 1.1kg each.

VLF

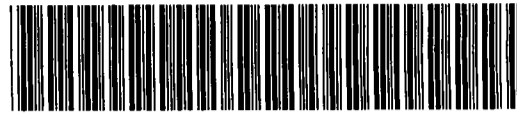
Frequency Range:	15 - 30.0 kHz.
Parameters Measured:	Vertical In-phase and Out-of-phase components as percentage of total field. 2 components of horizontal field. Absolute amplitude of total field.
Resolution:	0.1%.
Number of Stations:	Up to 3 at a time.
Storage:	Automatic with: time, coordinates, magnetic field/gradient, slope, EM field, frequency, in- and out-of-phase vertical, and both horizontal components for each selected station.
Terrain Slope Range:	0° - 90° (entered manually).
Sensor Dimensions:	14 x 15 x 9 cm. (5.5 x 6 x 3 inches).
Sensor Weight:	1.0 kg (2.2 lb).



Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 150 Cedar Street, Sudbury, Ontario, P3E 8A5, telephone (705) 870-7264.

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- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for Recorder.
 - A separate copy of this form must be completed.
 - Technical reports and maps must accompany.
 - A sketch, showing the claims the work is performed on.



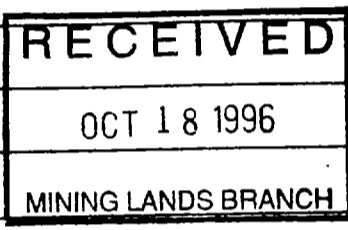
42A05SE0031 2.16813 DENTON

900

Recorded Holder(s) ① - JEAN CLAUDE BONHOMME IN TRUST		Client No. ① 109770
② FAIRHAVEN RESOURCES LTD.		② 120429
Address ① 121 RICHMOND ST. WEST, SUITE 1204 TORONTO ONT. M5H 2G4		Telephone No. ① 416-366-209
② BOX 10 - 11TH FLOOR - BOB WEST HASTINGS ST. VANCOUVER B.C. V6C 2X9		② 604-681-2576
Mining Division PORCUPINE	Township/Area DENTON	M or G Plan No. G-3224
Date Work Performed	From: JUNE 15/1996	To: AUGUST 15/1996

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	LINECUTTING, MAGNETIC AND GEOLOGICAL SURVEYS
Physical Work, Including Drilling	
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	



Total Assessment Work Claimed on the Attached Statement of Costs \$ 28,128.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
MUSSEY GEOPHYSICS INC.	714 MACLEAN DR. TIMMINI'S, ONT. P1N 8A1
RAYAN EXPLORATION LTD.	676 MURRAY ST. TIMMINI'S, ONT. P1N 7B2
GOODWIN MINERAL EXPLORATIONS	BOX 697 HAILEY BURY ONT. P0J 1K0
John R. Goodwin - Author Geol. Report	

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date Aug. 19/96	Recorded Holder or Agent (Signature) Milman Isaac (Agent)
--	--------------------	---

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying NEIL MAC-ISAAC BOX 802 SCHUMACHER ONT. P0N 1G0		
Telephone No. (705) 264-3531	Date Aug. 19/96	Certified By (Signature) Milman Isaac

For Office Use Only

Total Value Cr. Recorded 28,128	Date Recorded	Mining Recorder Undated Dery White	RECEIVED (c) AUG 19 1996 TB 2:15 PORCUPINE MINING DIVISION
	Deemed Approval Date Nov 17/96	Date Approved	
	Date Notice for Amendment Sent		

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 8th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 8B5.

2016813

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit	Total Cost
LINE CUTTING	56 Km	294.25	16,478.
MAGNETIC SURVEY/REPORT	56 Km	85.60	4794.
GEOLOGY SURVEY/REPORT	56 Km	88.38	4949.
SUPERVISION			982.
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
GAS & OIL FOR P/U TRUCK		3.13/Km	175.
Food and Lodging Costs			
ACCOMMODATION & MEALS (15 DAYS)		50./day	750.
Total Value of Assessment Work			\$ 28,128.

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, MINING LANDS BRANCH only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below.

TOTAL VALUE OF ASSESSMENT WORK $\times 0.50 =$ Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 15 days of the date of the request for verification and/or correction/clarification. If verification and/or correction/clarification is not received within 15 days, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, NEIL MAC ISAAC, do hereby certify, that the amounts shown are reasonable and correct.

(please print full name)
reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Agent I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.

Neil Mac Isaac Aug 16/96
Signature Date

RECEIVED
OCT 18 1996
MINING LANDS BRANCH

RECEIVED
(e)
AUG 19 1996
TB 215
PROCURING MINING DIVISION

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines



October 28, 1996

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Gary White
Mining Recorder
60 Wilson Avenue, 1st Floor
Timmins, ON
P4N 2S7

Telephone: (705) 670-5853
Fax: (705) 670-5863

Dear Sir or Madam:

Submission Number: 2.16813

Subject: Transaction Number(s): W9660.00493

After reviewing the Work Report(s) we have prepared this letter and the attached summary, which lists the results of our review. Requirements of the Assessment Work Regulation may not have been fully met. Please examine the summary to determine the next course of action concerning the identified Work Report(s).

NOTE: The 90 day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, is no longer in effect for this submission.

PLEASE NOTE ANY REQUESTED REVISIONS MUST BE SUBMITTED IN DUPLICATE.

If the anniversary dates for the mining claims affected by this correspondence have not passed, a number of options are available. Please contact the Mining Recorder to discuss these options.

If you have any questions regarding this correspondence, please contact Bruce Gates at (705)670-5856.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Ron C. Gashinski".

ORIGINAL SIGNED BY
Ron C. Gashinski
Senior Manager, Mining Lands Section
Mines and Minerals Division

Work Report Assessment Results

Submission Number: 2.16813

Date Correspondence Sent: October 28, 1996

Assessor: Bruce Gates

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9660.00493	1177496	DENTON	Approval	October 25, 1996

Section:

12 Geological GEOL
14 Geophysical MAG

Correspondence to:

Mining Recorder
Timmins, ON

Resident Geologist
Timmins, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

Neil Maclsaac
SCHUMACHER, ONTARIO

JEAN-CLAUDE BONHOMME
TORONTO, ONTARIO

CONSOLIDATED RHODES RESOURCES LTD.
VANCOUVER, B.C.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
(1) SEC. 43/70		FEB 3/66	M + S.	171506
(2) DANA AND JOWSEY PARK RESERVE		S.R.O.		
SEC. 36/80	W.68/83	NOV. 18/83	M.R.O.	
(3) RESERVED FOR PUBLIC USE			S.R.O.	
(4) SURFACE RIGHTS ONLY WITHDRAWN FROM STAKING				
ORDER NO. NRW 94/84 DATED 84-JULY-04 (WASTE DISPOSAL SITE)				

SAND AND GRAVEL

(5) M.T.C.	PIT 1417	FILE	06351
(6) M.T.C.	PIT 1236	FILE	06351
(7) M.T.C.	PIT 1470		
(8) M.T.C.	PIT 1331		

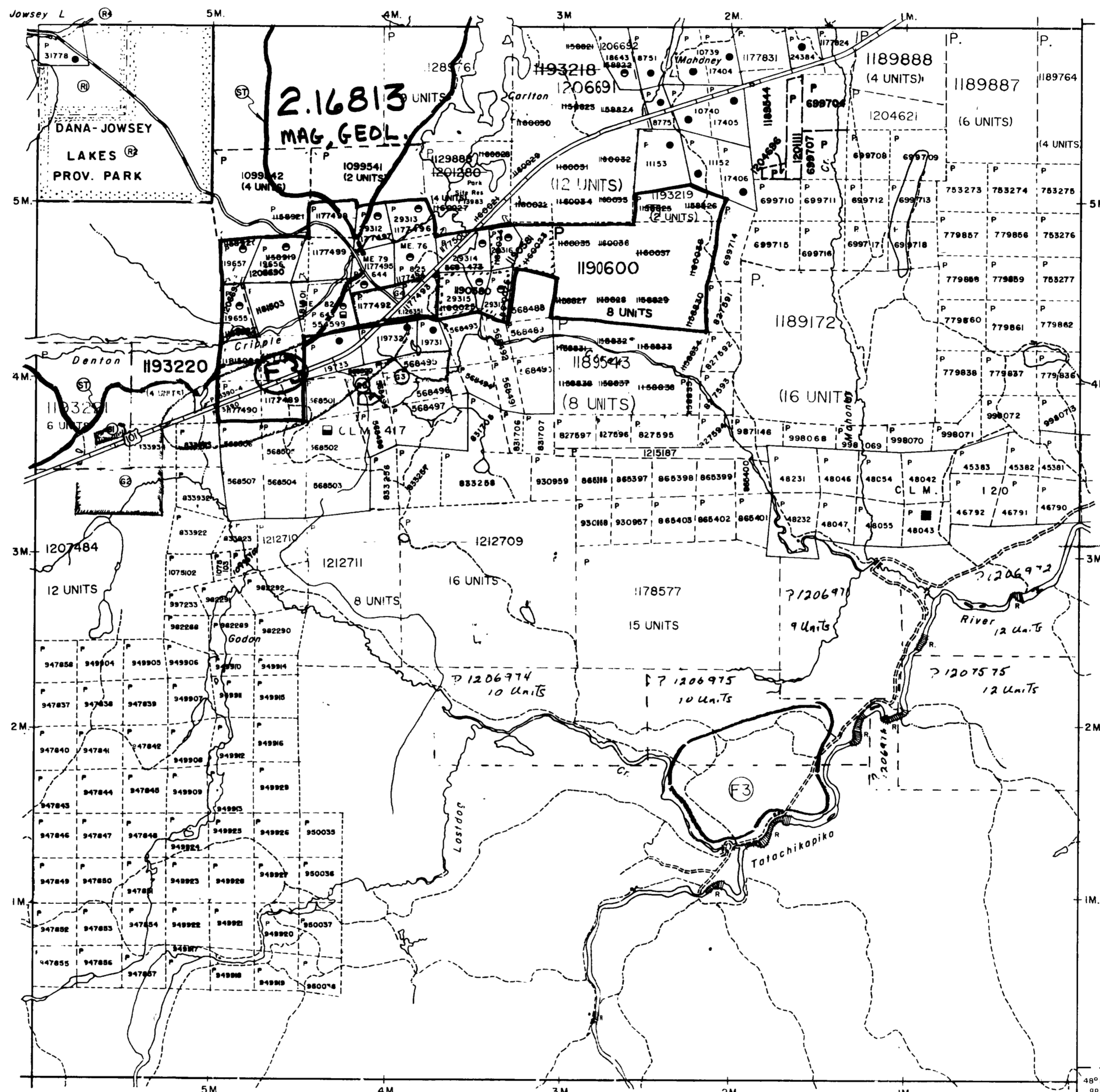
(9) APPLICATION PENDING UNDER THE PUBLIC LANDS ACT
 NOTICE RECEIVED 92-DEC-21
 SNOWMOBILE TRAILS

(10) THIS TWP SUBJECT RIGHTS TO FOREST ACTIVITY IN
 1994/95 FURTHER INFORMATION AVAILABLE ON FILE.

(11) THIS TWP SUBJECT TO FOREST ACTIVITY IN 1995-96.
 FURTHER INFORMATION AVAILABLE ON FILE.

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE

CARSCALLEN TWP.



REYNOLDS TWP.

LEGEND

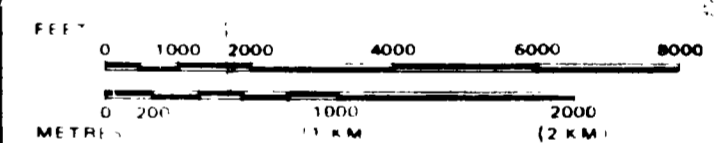
HIGHWAY AND ROUTE No	
OTHER ROADS	
TRAILS	
SURVEYED LINES	
TOWNSHIPS, BASE LINES ETC	
LOTS, MINING CLAIMS, PARCELS ETC	
UNSURVEYED LINES	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON-PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH OR MUSKEG	
MINES	
TRAVERSE MONUMENT	

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT R.S.O. 1970 CHAP. 380. SEC. 63 SUBSEC. 1

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP **2.16813**

DENTON

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS
 MINING DIVISION

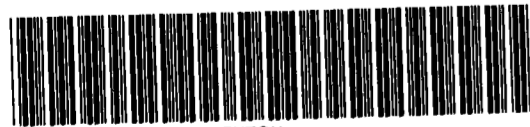
PORCUPINE
 LAND TITLES / REGISTRY DIVISION

COCHRANE

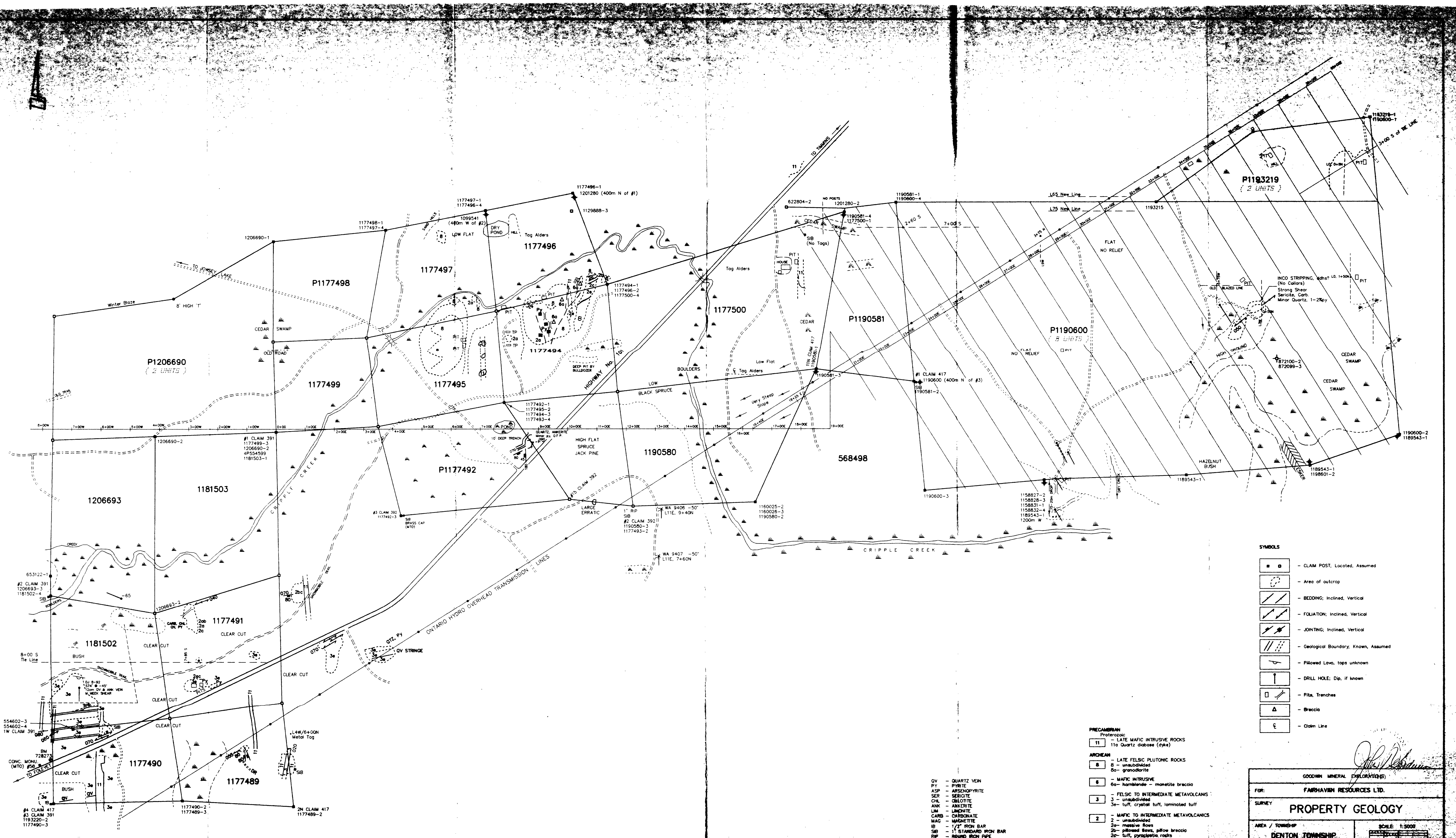
Ministry of Land Management
 Natural Resources Branch

RECEIVED
 Date: MARCH 1998
 ACTIVATED BY D.S.
 MINING CLAIMS

Number: **G-3224**



42A055E0031.2.16813.DENTON



- SYMBOLS**
- CLAIM POST, Located, Assumed
 - Area of outcrop
 - BEDDING: Inclined, Vertical
 - FAULTING: Inclined, Vertical
 - JOINTING: Inclined, Vertical
 - Geological Boundary, Known, Assumed
 - Pillowed Lava, tops unknown
 - DRILL HOLE: Dip, if known
 - Pits, Trenches
 - Breccia
 - Claim Line

- PRECAMBRIAN**
- 11 - LATE MAFIC INTRUSIVE ROCKS
 - 11a Quartz diabase (dyke)
- ARCHEAN**
- 8 - LATE FELSIC PLUTONIC ROCKS
 - 8 - unsubsided
 - 8a - granodiorite
 - 6 - MAFIC INTRUSIVE
 - 6a - hornblende - monzonite breccia
 - 3 - FELSIC TO INTERMEDIATE METAVOLCANICS
 - 3 - unsubsided
 - 3a - tuff, crystal tuff, laminated tuff
 - 2 - MAFIC TO INTERMEDIATE METAVOLCANICS
 - 2a - massive flows
 - 2b - pillowed flows, pillow breccia
 - 2c - tuff, pyroclastic rocks
 - 2d - amygdaloidal flows

- QV - QUARTZ VEIN
- PY - PYRITE
- ASP - ARSENOPIRYTE
- SER - SERICITE
- CHL - CHLORITE
- ANK - ANKERITE
- LIM - LIMONITE
- CARB - CARBONATE
- MAG - MAGNETITE
- IB - 1/2" IRON BAR
- SIB - 1/2" STANDARD IRON BAR
- RIF - ROUND IRON PINS
- MTO - MINISTRY OF TRANSPORTATION OF ONTARIO

J.P. Goodwin

GOODWIN MINERAL EXPLORATIONS

FOR: **FAIRHAVEN RESOURCES LTD.**

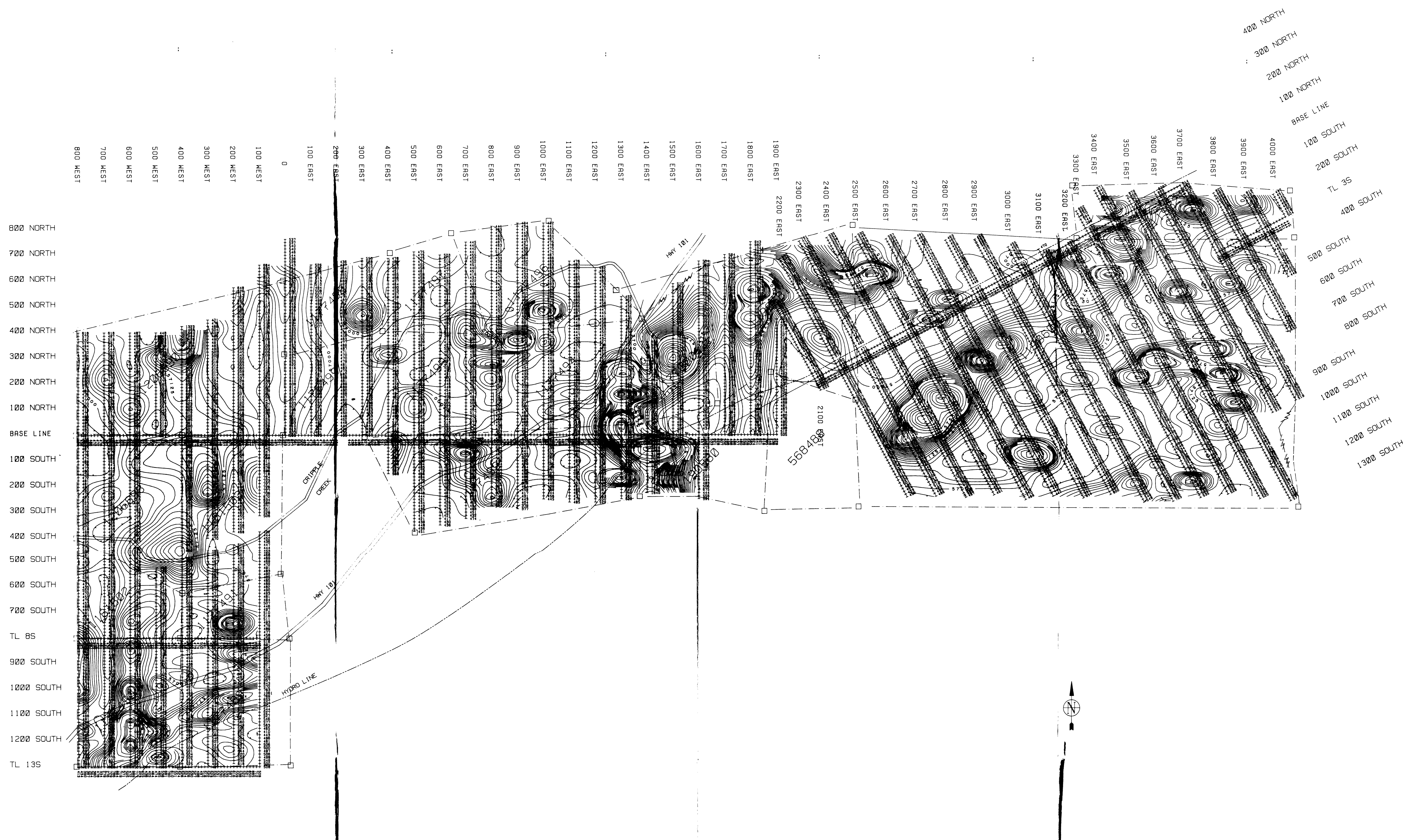
SURVEY: **PROPERTY GEOLOGY**

AREA / TOWNSHIP: **DENTON TOWNSHIP**

SCALE: 1:5000

DATE: J.P. GOODWIN, 1985

DATE: J.P. GOODWIN, 1985



800 NORTH
700 NORTH
600 NORTH
500 NORTH
400 NORTH
300 NORTH
200 NORTH
100 NORTH
BASE LINE
100 SOUTH
200 SOUTH
300 SOUTH
400 SOUTH
500 SOUTH
600 SOUTH
700 SOUTH
TL 8S
900 SOUTH
1000 SOUTH
1100 SOUTH
1200 SOUTH
TL 13S

800 WEST
700 WEST
600 WEST
500 WEST
400 WEST
300 WEST
200 WEST
100 WEST
0
100 EAST
200 EAST
300 EAST
400 EAST
500 EAST
600 EAST
700 EAST
800 EAST
900 EAST
1000 EAST
1100 EAST
1200 EAST
1300 EAST
1400 EAST
1500 EAST
1600 EAST
1700 EAST
1800 EAST
1900 EAST
2000 EAST
2100 EAST
2200 EAST
2300 EAST
2400 EAST
2500 EAST
2600 EAST
2700 EAST
2800 EAST
2900 EAST
3000 EAST
3100 EAST
3200 EAST
3300 EAST
3400 EAST
3500 EAST
3600 EAST
3700 EAST
3800 EAST
3900 EAST
4000 EAST



TOPO LEGEND

- ROAD
- HYDRO LINE
- CLAIM POST
- CREEK
- CLAIM LINE

LEGEND

INSTRUMENT: GEM INSTRUMENTS, GSM-19, PROTON PRECESSION MAGNETOMETER
 PARAMETERS MEASURED: EARTH'S TOTAL MAGNETIC FIELD (NANO-TESLAS)
 READING INTERVAL: 12.5 METERS
 CONTOUR INTERVAL: 50 NANO TESLAS
 DIURNAL CORRECTION METHOD: RECORDING ONNI BASE STATION
 DATUM SUBTRACTED FROM ALL PLOTTED READINGS: 56580 nT
 SURVEYED BY JOHN HUSSEY

Client: FAIRHAVEN RESOURCES	
Property: DENTON TWP. PROPERTY	
Title: TOTAL FIELD MAGNETOMETER SURVEY	
Processed: RJM	Checked: RJM
Date: AUGUST, 1998	Township: DENTON
Province: ONT.	N.T.S.: 42A/89
Scale: 1:5,000	Drawing: R346MAG
HUSSEY GEOPHYSICS TIMMINES, ONTARIO	

