



53C07NW0003

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GEOLOGICAL REPORT
ON THE
NORTH SPIRIT LAKE (Pontoon Bay) PROPERTY
OF
QUOTE RESOURCES INC.
AND
PELANGIO-LARDER MINES, LIMITED
HEWITT LAKE AREA
NORTH-WESTERN ONTARIO
N.T.S. 530/7,10

August 15, 1990

R. Hodgson, B.Sc.

Geologist

*Qual
2.1660*



53C07NW0003

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INTRODUCTION

This report describes the results of a reconnaissance geological survey & sampling program conducted on a twenty-two claim gold prospect in the Hewitt Lake Area, Northwestern Ontario. The survey was carried out during the period July 20 - August 3, 1990, using a pace-and-compass grid with 100 metre spacing between north-south lines.

A detailed description of the principal rock types encountered during the course of the survey is provided, along with the character and dimension of mineralized zones. The survey was conducted by Rand Hodgson, Geologist, of 43 St. Olaves Rd., Toronto, Ontario, M6S 3H5.

PROPERTY DESCRIPTION, LOCATION AND ACCESS

The property consists of twenty-two contiguous, unpatented mining claims located on Pontoon Bay on the south shore of North Spirit Lake, approximately 170 kilometres north of Red Lake, Northwestern Ontario. It can be located on Ontario claim map #G1794, Hewitt Lake Area, Red Lake Mining Division, N.T.S. #53C/7,10.

Access is by float plane from Red Lake, where a complete range of services and supplies are available. Some limited supplies (mainly foodstuffs) are available at the Village of North Spirit

Lake, located 5 kilometres north-west of Pontoon Bay. Accommodation and boat rentals are available at North Spirit Lake Lodge on the north side of the lake. A winter road links the village with Red Lake for part of the year. An all-weather landing strip currently under construction will greatly facilitate access to the area. It is located immediately west of the claim group and is scheduled for completion in late 1991.

The claims are registered in the name of Pelangio-Larder Mines, Limited, P.O. Box 1456, Timmins, Ontario, P4N 7N2. The survey was conducted under a 50% joint venture agreement with Quote Resources, P.O. Box 1456, Timmins, Ontario, P4N 7N2.

The claims' schedule, containing a list of the claims and their assessment work due dates is provided in the appendix.

TOPOGRAPHY & OVERBURDEN

Topographic relief on the property is low, with a maximum variation of about 15 metres. Outcrop is abundant in the north-eastern and north-western quadrants of the claim group. The north central quadrant is covered by Pontoon Bay and the entire southern 20% of the property is buried in deep overburden/swamp. There are no creeks to provide drainage. Excess moisture percolates southward off the southern boundary.

SUMMARY OF PREVIOUS EXPLORATION

*NOTE: See map from W. E. Brereton's report for sample locations mentioned in this section.

"Initial interest in the general area dates back to 1927/28 when discoveries of auriferous silver-lead-zinc mineralization were first made near Favourable Lake, some 40 miles to the northwest, which ultimately led to the development of the Berens River Mine. Over 10 years (1939-48), this mine produced 157,696 ounces of gold, 5,796,177 ounces of silver, 6,105,872 pounds of lead and 1,797,091 pounds of zinc from the milling of 560,607 tons of ore. Average grades were 0.28 OPT gold, 10.4 OPT silver, 0.55 percent lead and 0.16 percent zinc. The property is presently being intensely explored by Noramco Mining Corp. with a view to re-opening the operation.

The first reported discoveries at North Spirit Lake were by prospectors who were led by Indians to arsenopyrite occurrences on the south shore of the lake, in 1928. One of these showings, the "Pontoon Bay Showing", is located on the present Pelangio-Larder property and one or more of the original showings are located to the east, on the adjoining patented property of Spirit Lake Gold Mines Limited. Subsequent to the original gold discoveries, significant amounts of copper-bearing mineralization were discovered on the Spirit Lake Gold Mines property and somewhat lesser amounts were located on the present Pelangio-Larder claims.

OGS data indicate that between 1930 and 1973, along with considerable surface trenching and sampling, some 16,500 feet of diamond drilling was carried out on the Spirit Lake Gold Mines property. The best drill intersection reported was 0.22 OPT gold over 8.4 feet from Hole 13 on the "W Island" Zone. Although it appears as if large amounts of the old core were not assayed, the high gold tenor of some of the zones carrying arsenopyrite is illustrated by a 202-pound sample from the "W Island" showing which assayed 2.35 OPT gold (Bateman, 1938, p.73). Also, relatively large areas of low grade copper-bearing mineralization in diorite were tested, e.g. off Bijou Point. Although grades were not of economic interest (e.g. 0.47 percent copper over 39.7 feet) "the occurrences are highly reminiscent of west coast porphyry copper deposits" (Brereton, 1988, p.5).

There is no record of any previous diamond drilling on the present Pelangio-Larder property. The most recent work on it was carried out by Petromet Resources Limited in late 1987 and early 1988 and consisted mainly of limited surface sampling and mapping in the vicinity of the known gold showing on claim 977537. Some geochemical soil sampling and reconnaissance prospecting along the shoreline of Pontoon Bay was also carried out.

The geochemical sample results are reported to be somewhat inconclusive, because of the poor quality of a number of samples due to frozen ground conditions, although there were some scattered

arsenic + gold anomalies. Twenty-eight samples of the best looking, exposed mineralization were collected by Petromet with the bulk of these from the known showing area on claim 977537.

Gold assay values ranged up to 0.74 oz per ton from a selected sample of pyrite-arsenopyrite shear material from within the diorite on the north end of the small island on claim 977357. The overall shear zone here is in excess of 20 m in width although the mineralized zone from which the sample was taken is less than 30 cm wide. This occurrence would appear to represent the original discovery from the 1920's.

Samples of sheared, rusty pyrite-arsenopyrite-bearing diorite immediately to the south of the island, on and near the lake shore, returned significant gold values (NSL-87-09, 0.17 oz/ton Au; NSL-10 0.18 oz/ton Au; NSL-11 0.17 oz/ton Au).

Again, individual mineralized zones appear to be very narrow, much less than 0.5 m, although the rocks are extensively sheared and variably altered and mineralized all along the lake shore in this area.

Selected sample NSL-87-12 returned 0.36 oz/ton Au. The sample is from a zone less than 1 m in width containing locally up to 15% or more of fine arsenopyrite needles as sulphide-rich laminae and disseminations. Additional sampling to the east (samples PBR 88-

09A, 09B) did not return any values of economic interest although the value in sample 09A (0.05 oz Au/ton) confirms the gold bearing nature of this zone.

Sampling to the west of previous sample NSL-87-13 (0.21 oz/ton Au) returned 0.088 oz/ton Au (sample PBR-88-13). The width of the former zone could not be ascertained with certainty as it is along the edge of a hill but it would appear to be quite narrow.

With the exception of the zone on the island, all of the above would appear to represent new occurrences. There was no indication that these outcrops had ever been examined before and some had to be stripped of their moss cover before being sampled. It may also be significant, from an exploration point of view, that virtually every rock sample taken contains anomalous concentrations of gold with grades ranging up to 0.74 OPT as previously noted.

A 15 cm quartz-chalcopyrite vein on claim 977535 assayed 0.122 oz gold per ton (sample PBR-88-05). This occurrence is analogous to some of the porphyry copper-style mineralization on the adjoining Spirit Lake Gold Mines' property." (i)

REGIONAL GEOLOGY & STRUCTURE

"The Hewitt Lake Area covers the central part of the North Spirit

Lake-MacDowell Lake Metavolcanic and Metasedimentary Belt. Isoclinally folded metavolcanics & metasediments intruded by stocks, dikes and sills of ultramafic, mafic, intermediate, and felsic igneous rocks occur in the central part of the belt. These are bounded to the east and west by felsic intermediate batholithic intrusions.

The North Spirit Lake Belt consists of rocks of greenschist facies metamorphic rank. In the region south of South Bay, cross-folding of the isoclinally folded strata has occurred. The western contact of the North Spirit Lake Belt and the granitic batholithic rocks is a south-east trending fault zone with a downdrop to the north. This fault zone has been mapped from Favourable Lake to MacDowell Lake and is probably much longer than this (Ayres & Raudsepp, 1970). Within the fault zone between Favourable Lake and North Spirit Lake, subsidiary faults branch from the main fault zone. These branch faults are generally arcuate, occur on the northeast side of the main fault zone, and appear to die out as soon as their strike direction tends towards east-northeast which usually occurs some 10-20 km from the point of branching. The North Spirit Lake Fault just to the north of the map-area (Wood 1977) is such a fault." (ii)

PROPERTY GEOLOGY & MINERALIZATION

A diorite stock measuring approximately 1.5 kilometres by 3.5

kilometres underlies Pontoon Bay and is exposed on its eastern and southern shores. It intrudes into a 250 metre thick volcanic/sedimentary unit which bends around the diorite, starting on the west side of Pontoon Bay and continuing all the way over to the eastern property boundary and beyond. Below this unit is a mature graphitic argillite which is extensively exposed on claim 999602 - the southwest corner of the property. The argillite unit strikes az 120 and is at least 500 metres thick. The graphitic component of this unit effectively explains the conductivity of the rocks in this part of the claim group. The geology of the southern and south-eastern sections of the property is unknown due to overburden.

All three rock types have experienced extensive metamorphic alteration. The volcanic/sedimentary assemblage is presently composed of a complex sequence of welded felsic tuffs interbedded with felsic flows, quartzites, quartz/biotite/chlorite schists and re-crystallized exhalites with accompanying quartz-sericite schists. The diorite is also altered to a quartz/biotite/chlorite schist - especially near the contact with the volcanics. The similarity of these schists has made it difficult to delineate the contact, and consequently it is inaccurately located on earlier maps. This change in the location of the contact has great significance since it effectively places all the known gold showings within the volcanic/sedimentary sequence. Further from the contact, the diorite displays its more typical massive porphyritic texture.

Within the volcanic/sedimentary unit, metamorphism has replaced most original textural features with schists - making it difficult to determine whether the unit is primarily sedimentary or pyroclastic. The tuffs are welded, highly siliceous with no evidence of fragments. But the volcanic nature of the unit is confirmed by the presence of several outcrops of flow banded rhyolites, as well as obvious hot spring activity in the vicinity of the mineralized zones. These rusty zones have previously been referred to as "shear zones". They are not. They do not occur on either side of the volcanic-diorite contact as was previously believed. They are distinctly silicified bedded units - exclusive to the tuff/sediment environment. There is no evidence of brecciation. On the contrary, there are bedded sulphides and soft-sediment depositional features. The quartz content is also concordant, with the coarse sugary texture typical of re-crystallized cherts.

The sulphide-rich zones exposed are narrow and quite numerous - most less than 0.5 metres in width. However, most of the ground is still hidden under moss and roots. The potential for greater widths is evidenced by the shoreline exposure at the extreme southwest corner of Pontoon Bay. It is a welded felsic tuff with 15% disseminated arsenopyrite over a width of approximately 10 metres. Two grab samples taken by Petromet Resources Ltd. in 1987 returned values of 0.17 and 0.18 oz/ton Au. The zone strikes inland on az 150 and disappears under overburden. Another 20

metre wide zone of mineralization is located on the small island on claim 977537. A Petromet grab sample taken from the island assayed 0.74 oz/ton. The zone was not re-sampled.

Several new mineralized zones were found on claim 977537 during the course of the survey. Grabs from three of these yielded values between 0.08 and 0.17 oz/ton (sample #'s 730, 760, 761). A new zone trending az 300 from the eastern boundary of claim 977537 yielded a channel sample of 0.085 oz/ton over 1 metre in quartz-sericite schist (samples 728 and 729). Galena is visible in quartz material from this occurrence.

East and south of claim 977537, the volcanic assemblage disappears under overburden. It re-appears several hundred metres to the east in the vicinity of the west side of claim 977540. Here the unit appears to have a greater sedimentary component to it. There are quartzites and conglomerates with interbedded chlorite schists (mafic volcanics?). Several new zones of mineralization were uncovered. Here the alteration zones occur most frequently within the mafic volcanics. They are silicified, sericitized, and contain 10-15% disseminated and bedded pyrite, pyrrhotite, chalcopyrite and locally galena. Arsenopyrite is not associated with mineralization in this area. One zone, located approximately 200 metres north and 10 metres east of post #1-999225 yielded 0.064 oz/ton Au and 4.1 oz/ton Ag. in a narrow (4 cm) bed of massive pyrite, chalcopyrite and galena (sample 702). The polymetallic

massive sulphide nature of this mineralization is new to the property and brings it in line with other occurrences in the area (e.g. the Beren's River Mine near Favourable Lake). Surrounding this bed is a silicified alteration zone with some sericitization. It is mineralized with 10-15% disseminated pyrite and has an average width of 1-2 metres. The zone was traced for 200 metres to the south-west and the presence of gold was confirmed up to 0.09 oz/ton (#724). A similar zone located 400 metres along strike to the north-east on the eastern boundary of claim 977540 yielded an assay of 910 ppb Au from the one grab sample taken (#750).

CONCLUSIONS AND RECOMMENDATIONS

It is concluded that the North Spirit Lake Property represents an important exploration target for several significant reasons:

1. The source of mineralization is interpreted to be related to syngenetic volcano-sedimentary hot spring activity. This provides obvious advantages for continuity of mineralization and increased tonnage potential.
2. Several new gold occurrences found on the eastern part of the property within the target volcano-sedimentary sequence have effectively increased the length of the gold bearing zone by several times. It is now known to be at least 200 m wide x 1500 metres in length.

3. The polymetallic massive sulphide nature of one of the new occurrences (sample #702) represents a type of mineralization previously unknown to the property. The significance of this showing becomes apparent in light of the description of mineralization at the region's only past producer, the Berens River Mine. "Gold, silver, lead and zinc were recovered from sub-parallel veins in east-trending shear zones with felsic volcanics. The veins contained variable amounts of quartz, pyrite, sphalerite and galena along with silver and gold.:

(iii) Mineralized chemical metasediments occur frequently in felsic volcanics and are commonly misinterpreted as shear zones.
4. Much of the target volcanic-sedimentary assemblage remains hidden under variably thin and thick layers of overburden. Systematic stripping and sampling has never been done. Local preliminary prospecting by Petromet Resources Ltd. in 1987 yielded four new gold showings. Five more new showings were discovered during the course of this preliminary survey - increasing the area of interest by ten times. There is no doubt that systematic stripping - preferably with a bulldozer - will greatly enhance the viability of this prospect.
5. Terraquest Ltd. carried out airborne magnetic and electromagnetic surveys over the property in December, 1989. Within the gold bearing volcanics there are weak conductors which

remain unexplained beneath bogs. These V.L.F. conductors could be due to the swampy overburden. However, because the mineralized horizon is known to exist beneath the overburden, these conductors should not be written off. An I.P. survey would provide valuable information in this setting because gold mineralization is also known to occur in felsic tuffs with less than 15% disseminated arsenopyrite.

6. Of the fifty-five samples taken during this preliminary survey, 32 of them assayed highly anomalous (100 ppb) and none were taken from previously known showings.

Respectfully submitted,

Rand Hodgson, B.Sc.,
Geologist.

QUOTATIONS

- (i) - Brereton, W.E. "Report on the North Spirit Lake Gold Prospect of Pelangio-Larder Mines, Ltd.", Toronto: November 1988. pg 5.
- (ii) - Wood, John. "Geology of the Hewitt Lake Area" Ontario Geological Survey Report 186, 1980 pg 4.
- (iii) - Brereton, W.E., Ibid., pg 10

REFERENCES

- 1988 - Brereton, W.E., "Report on the North Spirit Lake Gold Prospect of Pelangio-Larder Mines, Ltd." Toronto: 1988
- 1980 - Wood, John. "Geology of the Hewitt Lake Area" Ontario Geological Survey Report 186, 1980.
- 1971 - Wood, John. "Geology of North Spirit Lake." Ontario Geological Survey, Map #2362.

STATEMENT OF QUALIFICATIONS

I, Rand Hodgson, of 43 St. Olaves Rd., Toronto, Ontario, do hereby certify that:

- 1) I hold a Bachelor of Science degree in Geology from the University of Waterloo, Waterloo, Ontario (1977).
- 2) I have based conclusions and recommendations contained in this report on knowledge gained from 13 years experience in Northern Ontario gold exploration, and on results of field work on the property.
- 3) I hold no interest, directly or indirectly in this property, nor do I expect to receive any interest in the property, or in Pelangio-Larder Mines, Ltd., or any of its subsidiary companies.



Rand Hodgson, B.Sc.



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1301 FEWSTER DRIVE
MISSISSAUGA, ONTARIO
L4W 1A2

☎ (416) 625-1544 FAX: (416) 625-8368

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM **White Pine Resources
Rand Hodgson
43 St. Olaves Rd.
Toronto, Ontario
M6S 3H5**

REPORT No.
M7499

SAMPLE(S) OF **Rock**

INVOICE #:
P.O.:

Rand Hodgson

	Gold Au ppb	Gold Au oz/t	Silver Ag ppm
701	40		
702	>1000	0.064 (0.064, 0.064)	17.0
703	135		4.1 oz/ton
704	15		1.0
705	800		4.0
706	>1000	0.052 (0.052, 0.052)	
707	10		
708	10		
709	10		
710	10		0.4
711	5		
712	10		
713	5		
714	10		
715	10		
716	35		
717	680		0.8
718	310		
719	250		
720	180		

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Aug 14/90

SIGNED *Russell Diestler*



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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM White Pine Resources
Rand Hodgson
43 St. Olaves Rd.
Toronto, Ontario
M6S 3H5

REPORT No.
M7499

SAMPLE(S) OF Rock

INVOICE #:
P.O.:

Rand Hodgson

	Gold Au ppb	Gold Au oz/t	Silver Ag ppm
721	185		
722	15		
723	405		
724	>1000	0.090 (0.090, 0.089)	
725	60		
726	20		
727	45		
728	>1000	0.079 (0.079, 0.078)	
729	>1000	0.093 (0.092, 0.094)	0.4
730	>1000	0.17 (0.16, 0.17)	1.0
731	>1000	0.067 (0.067, 0.067)	
732	>1000	0.092 (0.093, 0.090)	
733	>1000	0.034 (0.033, 0.034)	
734	>1000	0.087 (0.086, 0.087)	
735	210		
736	90		
737	155		
738	10		
739	180		
740	140		

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SIGNED *Ramirez Baleshi*





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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM White Pine Resources
Rand Hodgson
43 St. Olaves Rd.
Toronto, Ontario
M6S 3H5

REPORT No.
M7499

SAMPLE(S) OF Rock

INVOICE #:
P.O.:

Rand Hodgson

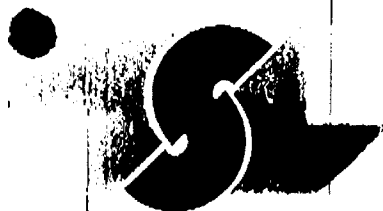
	Gold Au ppb	Gold Au oz/t	Silver Ag ppm
741	385		2.8
742	325		1.8
743	670		
744	25		
745	50		
746	35		
747	10		
748	10		
749	10		
750	910		
751	160		
752	15		
753	15		
754	5		
755	<5		
756	5		
757	315		
758	255		
759	10		
760	>1000	0.076 (0.076, 0.076)	

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SIGNED *Rennell J. Baleski*





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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM White Pine Resources
Rand Hodgson
43 St. Olaves Rd.
Toronto, Ontario
M6S 3H5

REPORT No.
M7499

SAMPLE(S) OF Rock

INVOICE #:
P.O.:

Rand Hodgson

	Gold Au ppb	Gold Au oz/t
761	>1000	0.063 (0.063, 0.063)

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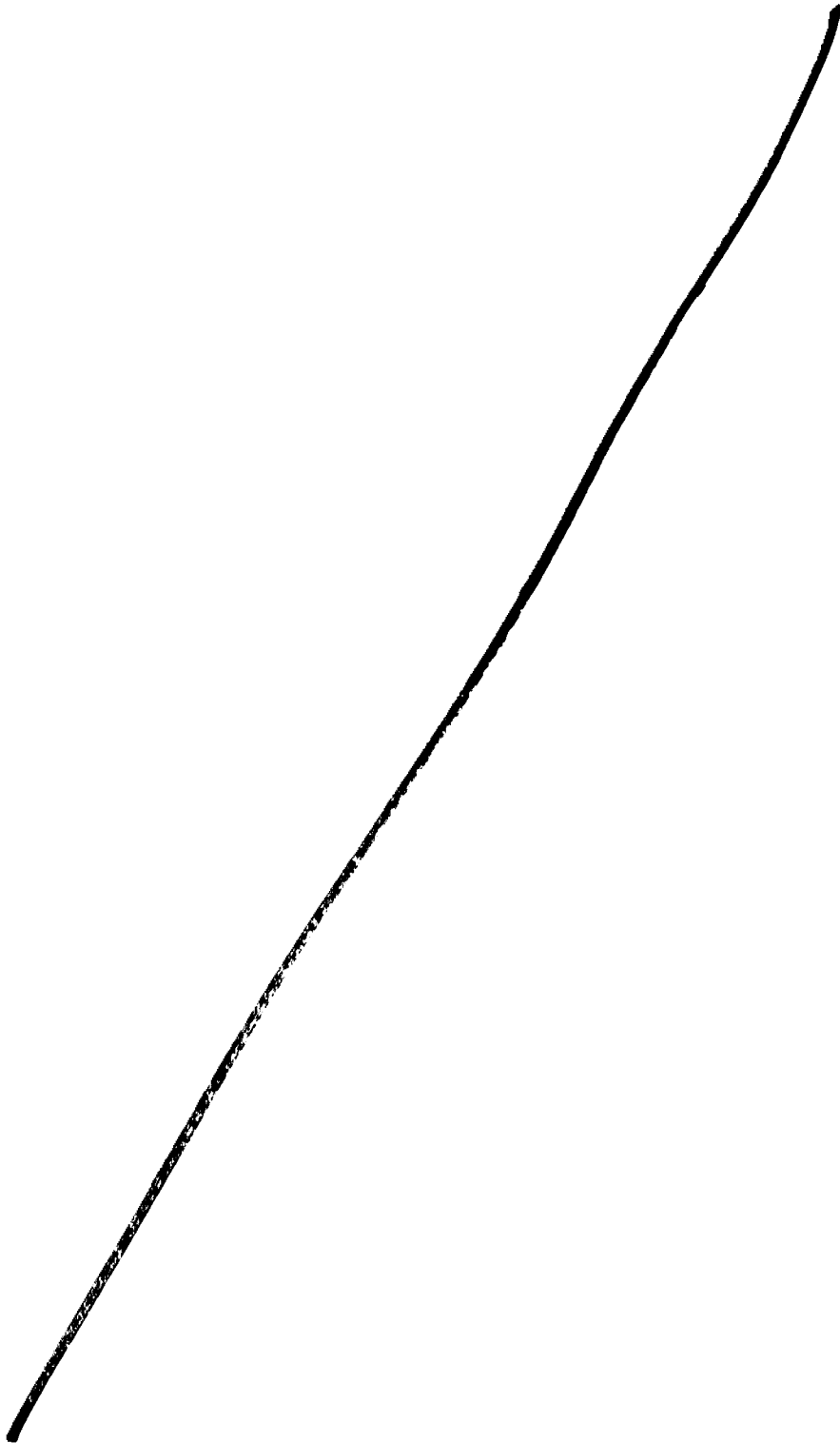
SIGNED *Ronald J. Bullock*





53C07NW0003

900



LANDS

The Mining Act

Type of Survey(s) **Geological Survey 2.13681** Township or Area **Hewitt Twp.**

Claim Holder **Relangio-Larder Mines Limited** Prospector's Licence No. **T 971**

Address **Cedar Hill, CONNAUGHT, Ont., PON 1A0**

Survey Company **White Pine Resources** Date of Survey (from & to) **25 07 90 06 08 90** Total Miles of Line Cut

Name and Address of Author (of Geo-Technical report) **Pand Hodgson, 43 St. Olaves Rd. Toronto, Ont. M6S 3H5**

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	20
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
KRL	977531				
	977532				
	977533				
	977534				
	977535				
	977536				
	977537				
	977538				
	977539				
	977540				
	999224				
	999225				
	999595				
	999596				
	999597				
	999598				
	999599				
	999600				
	999601				
	999602				
	999603				
	999604				

see attached file

RECEIVED
OCT 9 1990
RED LANE
MINING DIV.

~~RECEIVED
SEP 25 1990
RED LANE
MINING DIV.~~

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

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.

Date **Sept 20, 1990** **M. Hibbard** Holder or Agent (Signature) Pres.

For Office Use Only

Total Days Cr. Recorded **440** Date Recorded **Oct. 9 / 1990** Mining Recorder **[Signature]**

Date Approved as Recorded **See Revised Work Statement** Branch Director **[Signature]** Mining Recorder

Total number of mining claims covered by this report of work. **22**

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 **Maurice Hibbard, Cedar Hill**

CONNAUGHT, ONT. PON 1A0

Date Certified **Sept 20/90** **[Signature]**

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

The Mining Act

Type of Survey(s) **Geological Survey** Township or Area **Hewitt Twp.**
 Claim Holder(s) **Pelangio-Larder Mines Limited** Prospector's Licence No. **T 971**
 Address **Cedar Hill, CONNAUGHT, Ont., PON 1A0**
 Survey Company **White Pine Resources** Date of Survey (from & to) **25 07 90 06 08 90** Total Miles of line Cut
 Name and Address of Author (of Geo-Technical report) **Pand Hodgson, 43 St. Olaves Rd. Toronto, Ont.**

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	20
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits	Geophysical	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	- Electromagnetic	
	- Magnetometer	
	- Radiometric	

COPY

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
KRL	977531	✓			
	977532	✓			
	977533	✓			
	977534	✓			
	977535	see attached map			
	977536	✓			
	977537	✓			
	977538	✓			
	977539	✓			
	977540	✓			
	999224	✓			
	999225	✓			
	999595	✓			
	999596	✓			
	999597	X			
	999598	✓			
	999599	✓			
	999600	X			
	999601	✓			
	999602	✓			
	999603	✓			
	999604	✓			

RECEIVED
OCT 9 1990
RED LANE
MINING DIV.

REC-3
SEP 25 1990
RED LANE
MINING DIV.

9 1/2
16.6

Total number of mining claims covered by this report of work. **22**

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

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

Total Days Cr. Recorded	Date Recorded	Mining Recorder
440	Oct. 9 / 1990	<i>[Signature]</i>
	Date Approved as Recorded	Branch Director
		Mining Recorder

Date **Sept 20, 1990** Report Holder or Agent (Signature) *[Signature]* Pres.

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
Maurice Hibbard, Cedar Hill

CONNAUGHT, ONT. PON 1A0

Date Certified **Sept. 20/90** *[Signature]*



Recorded Holder
Pelangio-Larder Mines Ltd.

Township or Area
Hewitt Lake Area

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days	KRL 977531 to 540 incl. 999224 - 225 999595 - 596 999598 - 599 999601 - 604 incl.
Section 77 (19) See "Mining Claims Assessed" column	
Geological <u>16.6</u> days	
Geochemical _____ days	
Man days <input type="checkbox"/> Airborne <input type="checkbox"/>	
Special provision <input checked="" type="checkbox"/> Ground <input type="checkbox"/>	
<input checked="" type="checkbox"/> Credits have been reduced because of partial coverage of claims.	
<input type="checkbox"/> 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

No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed

KRL 999597, 999600

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) - 80.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Lands Section
4th Floor, 159 Cedar Street
Sudbury, Ontario
P3E 6A5

Telephone: (705) 670-7264
Fax: (705) 670-7262

Your File: W. 9002.115
Our File: 2.13681

March 7, 1991

Mining Recorder
Ministry of Northern Development
and Mines
Ontario Government Building
Box 324
RED LAKE, Ontario
POV 2M0

Dear Sir/Madame:

RE: Notice of Intent dated January 22, 1991 for
Geological Survey submitted on Mining Claims KRL 977531
et al in Hewitt Lake Area Township.

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,

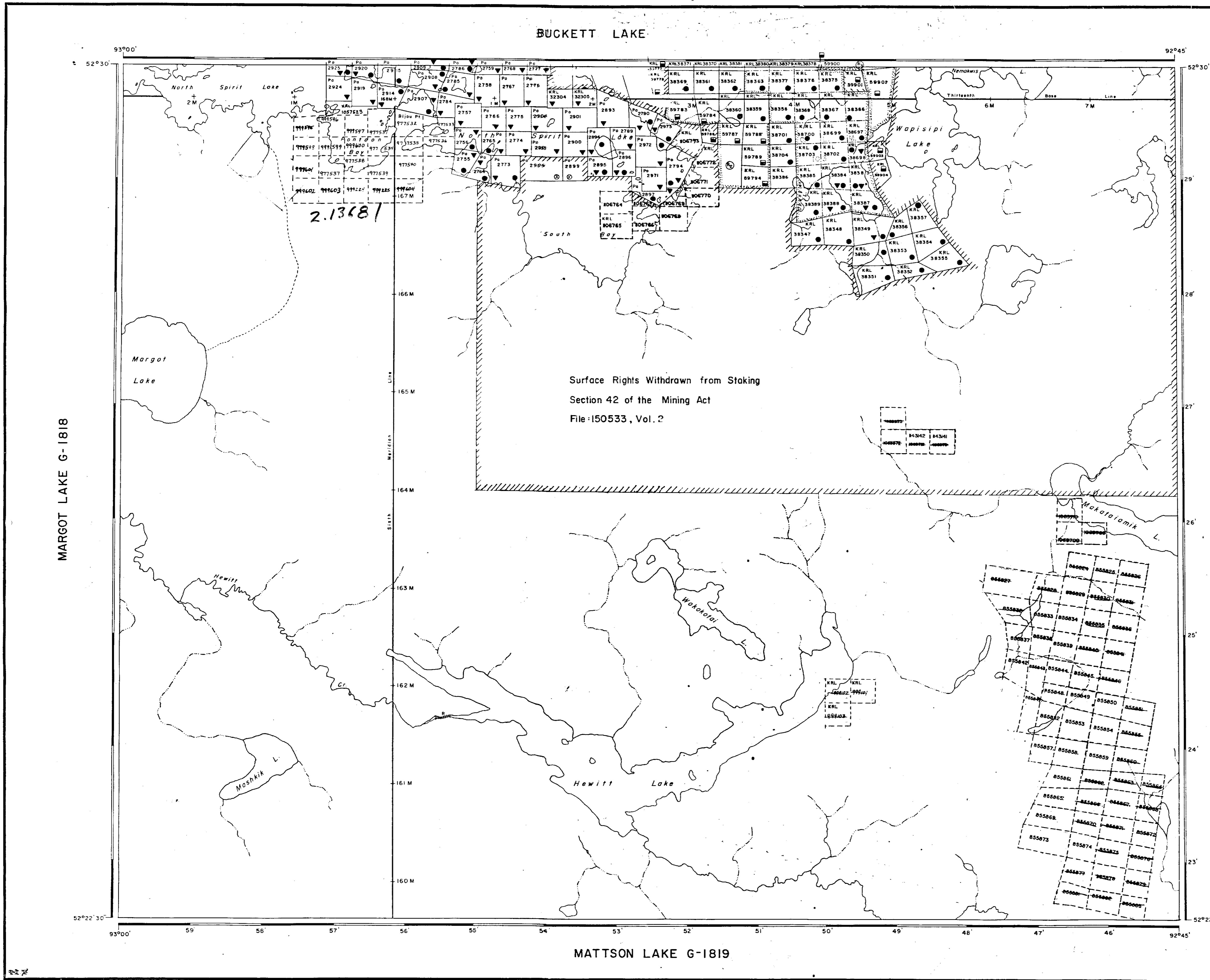
Ron. C. Gashinski,
Provincial Manager, Mining Lands
Mines & Minerals Division

DM/jl
Encl:

cc: Mr. W. D. Tieman
Mining and Lands Commissioner
Toronto, Ontario

Pelangio-Larder Mines Limited
Connaught, Ontario

Pand Hodgson
Toronto, Ontario



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
SEC 43	150533	1983/07/15
SEC 42	150531 & 150533	1983/07/15

RED LAKE MINING DIVISION
 NOV 0 1990
 BEN FAYE, REGISTRAR

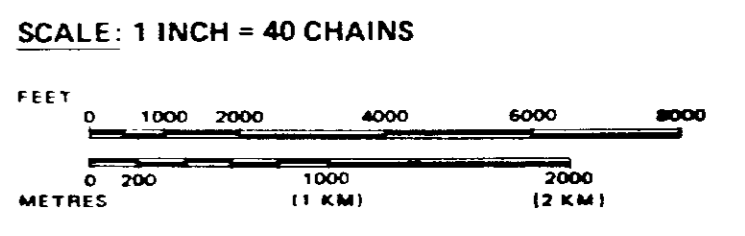
LEGEND

- 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

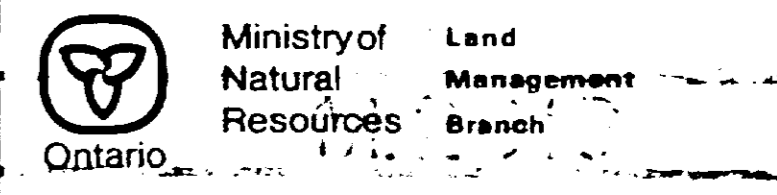
DISPOSITION OF CROWN LANDS

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	OC
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. 280, SEC. 63, SUBSEC. 1.



AREA
HEWITT LAKE
 (SOUTH PART NORTH SPIRIT LAKE)
 M.N.R. ADMINISTRATIVE DISTRICT
RED LAKE
 MINING DIVISION
RED LAKE
 LAND TITLES / REGISTRY DIVISION
KENORA / PATRICIA



Date: FEBRUARY 15, 1983
 Number: **G-1794**

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 LANDS SHOWN HEREON.

MARGOT LAKE G-1818

WAPISKOWAMIK LAKE G-1906

MATTSON LAKE G-1819

