



52J065W0001 2.13136 KIMMEWIN LAKE

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MINING LANDS SECTION

REPORT ON  
STRIPPING PROGRAMME  
ON THE  
LUNDMARK GRANITE PROPERTY  
KIMMEWIN LAKE AREA  
PATRICIA MINING DIVISION, ONTARIO

prepared by:

  
J. W. Redden, B.Sc.

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Wabigoon, Ont.  
POV 2W0

(807) 938-6915

December 18, 1989

## INTRODUCTION

A preliminary stripping programme was carried out to determine the jointing pattern in the granite in the western part of the property. This report summarizes the results of this work and proposes additional work to further evaluate this property.

## LOCATION AND ACCESS

The Lundmark granite property is located about 56 km east of Sioux Lookout, Ontario. The claims straddle Highway 516, a paved all-weather road, linking Sioux Lookout and Highway 599 north of Savant Lake. The main line for Canadian National Railways passes through Sioux Lookout. Sioux Lookout is located in northwestern Ontario about 70 km by paved road north of Highway 17, the Trans-Canada Highway.

## THE CLAIMS

The property consists of four claims.

Claim No.	Recording Date	Work Filed	Good to
Pa 909490	Sept. 19/86	60 days	Mar. 19/90
Pa 909491	Sept. 19/90	60 "	Mar. 19/90
Pa 1017914	Nov. 30/97	60 "	Nov. 30/90
Pa 1082662.	Aug. 31/88	0 "	Feb. 28/90

The claims are owned by Mr. H. Lundmark of Thunder Bay, Ontario.

## GEOLOGY

The claims are located within a broad contact zone between a mafic intrusion to the south and metasediments to the north. The extent of the zone is unknown but appears to strike north northeast and have a width in excess of one km.

All rocks exposed on the claims are granite. They are medium to coarse-grained and consist of 15 - 35% bluish quartz, 5 - 10% hornblende, with the remainder being feldspar.

Joint patterns have not been mapped in detail due to the lack of exposure. Outcrops indicate blocks 4'x4'x8' are present in the eastern part of the claims although most blocks would be from 2'x3'x4' to 2'x4'x8'.

## STRIPPING PROGRAMME

Several trenches were dug on claim Pa 1017914. Based on previous work, this area was considered most promising. Joints appeared to be more widely spaced, and colour and texture appeared to be more uniform than elsewhere on the ground.

Due to circumstances, the stripping was carried out in mid-December, 1989. Only 10 to 20cm of frost was in the ground at the start of the stripping but temperatures declined substantially after the first day. These unexpectedly extremely low (to -40 degrees) temperatures caused the overburden to freeze very rapidly. This prevented detailed examination of much of the exposed rock.

The overburden consists of sand and boulders. Boulders up to 4-5' are present. The bedrock surface is generally smooth, reflecting the result of glaciation. In the northern part, the irregular bedrock topography is believed due to ice wedging along joints during the glaciation.

## RESULTS OF STRIPPING

The plan of the stripped areas is attached.

The trenches revealed a variety of colours and jointing patterns to exist in the area.

The following observations are based on an examination of the trenches. Though conditions were less than optimal, a general idea of the potential for large block sizes was obtained.

The comments are keyed to the 'Notes' on the map.

### Note 1

Observed joint spacing in the north half of the western trench is wide enough to suggest the potential for large (>4-6') blocks. A thin film of frozen grey silt covered the bedrock preventing a detailed examination for colour variation and minor joints.

### Note 2

A distinct rusty red stain was present on the rock in this area. The colour may be restricted to joints, however so many joints are present that no blocks >1' are likely to be present.

## RESULTS OF STRIPPING (cont'd)

### Note 3

Several knobs of bluish-grey granite were exposed by the trenching separated by overburden. The overburden was frozen. The size and geometry of the knobs suggests this area may contain too many joints to provide slabs >2' thick.

### Note 4

This stripped area appears to have a jointing pattern similar to the area of Note 3, in that the jointing pattern would produce 'slabs', rather than 'blocks'.

### Note 5

Only a few knobs of bluish-grey granite were visible through the overburden in this trench. Insufficient exposure was present to form an opinion of the potential block size.

### Note 6

This trench cleared an area along the base of an outcrop ridge. The moss and overburden were frozen to the bedrock. Exposure was inadequate to form an opinion of the potential block size.

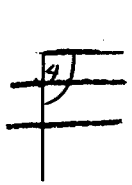
## DISCUSSION

The bluish-grey granite appears to occur as two bands separated by a reddish granite of similar composition. The reddish colour is due in part to staining.

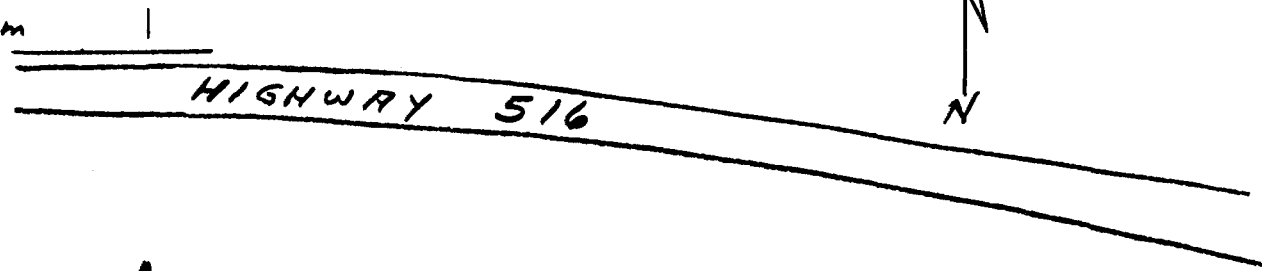
## RECOMMENDATIONS

1. In above freezing temperatures, the remaining overburden will need to be cleaned off and the joint patterns, colour and texture variations mapped.
2. Based on encouraging results from 1. above, further work will be recommended.

LUNDMARK GRANITE PROPERTY  
 KIMMEWIN LAKE AREA  
 Patricia Mining Division  
 scale 1cm = 10m  
 STRIPPING PROGRAMME  
 Pa 1017914



125m



↑  
52m  
↓

small knobs of  
blue-gray granite  
frozen obd  
Note 5. see text

dump —

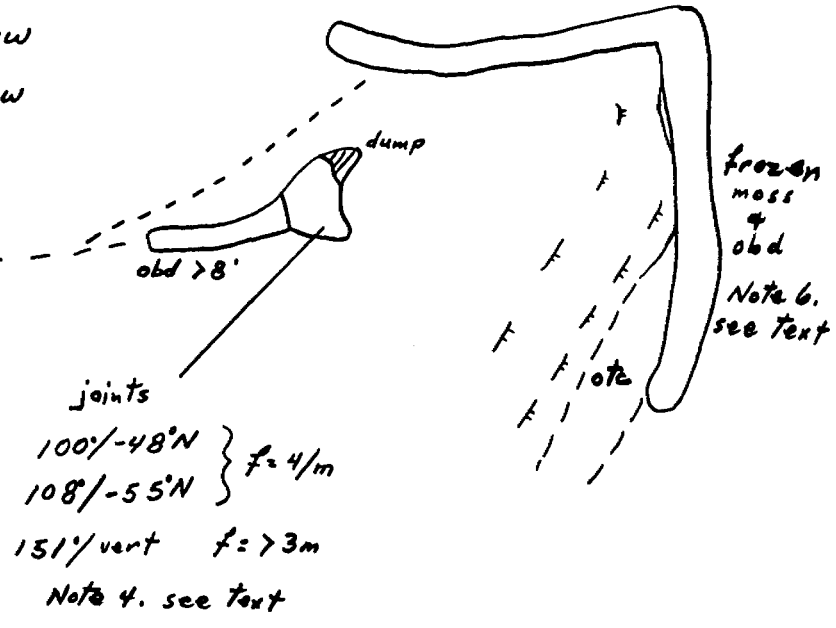
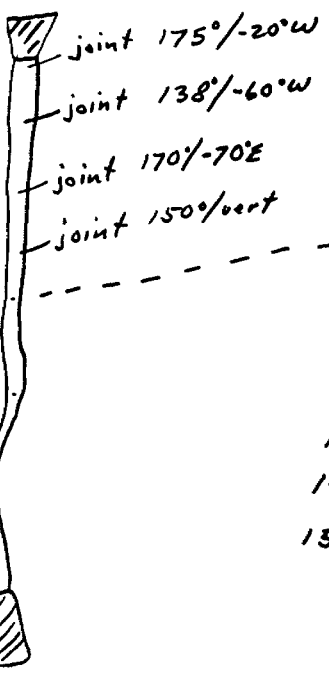
blue-gray granite  
few joints  
large blocks  
Note 1. see text

reddish stained granite  
many joints  
Note 2. see text

frozen obd.

sm. knobs of blue  
gray granite  
in frozen obd  
Note 3. see text

dump



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INVOICE

J. W. REDDEN - GEOLOGIST

P. O. Box 117, Wabigoon, Ontario, P0V 2W0

Tel. (807) 938-6915

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CLIENT: H. Lundmark  
Box 3403  
Thunder Bay  
Ontario

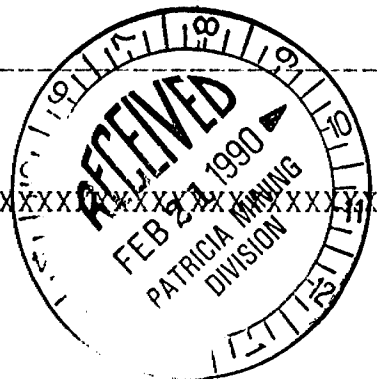
Date	Job No.	Ordered	Completed	Terms
23-12-89	89-09		23-12-89	

Description	Dr.	Cr.	Balance
re: Kimmewin Lake Area Stripping, 1989 layout, supervise, report Prof. fees 4 days @ \$350/day	1400.00		
TOTAL			\$1,400.00

*Paid*  
*QWR*

INVOICE NUMBER: 6-22

XX





52J06SW0001 2.13136 KIMMEWIN LAKE

900



DOCUMENT NO.  
W9003-031

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

Mining Act

Type of Survey(s) **EXPENDITURE** Township or Area **Kimewinia Lake Area G-2090**

Claim Holder(s) **H. LUNDMARK 2.13136** Prospector's Licence No. **H-6439**

Address **Box 3403, Thunder Bay, Ont. P7C 5S7**

Survey Company **J W Redden** Date of Survey (from & to) **60 Day | 12 Mo. | 89 Yr. | 31 Day | 12 Mo. | 89 Yr.** Total Miles of line Cut **-**

Name and Address of Author (of Geo-Technical report) **J.W. Redden, Box 117, Wabigoon Ont P0V2W0**

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	
	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 Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
<del>Pa</del>	<del>909490</del>	<del>11</del>			
	909491	11			
	1017914	11			
	1482662	60			
TOTAL		93	RESERVE		33 DAYS

RECEIVED FEB 26 1990 MINING LANDS SECTION

RECEIVED FEB 21 1990 PATRICIA MINING DIVISION

Expenditures (excludes power stripping)

Type of Work Performed **Layout & supervise striping, repair &**

Performed on Claim(s) **Pa 1017914**

**SECTION 77-19**

Calculation of Expenditure Days Credits

Total Expenditures **\$1400** ÷ Total Days Credits **15** = **93**

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 **Dec 31/89** Recorded Holder or Agent (Signature) *[Signature]*

For Office Use Only

Total Days Cr. Recorded **93** Date Recorded **FEBRUARY 21, 1990** Mining Recorder *[Signature]*

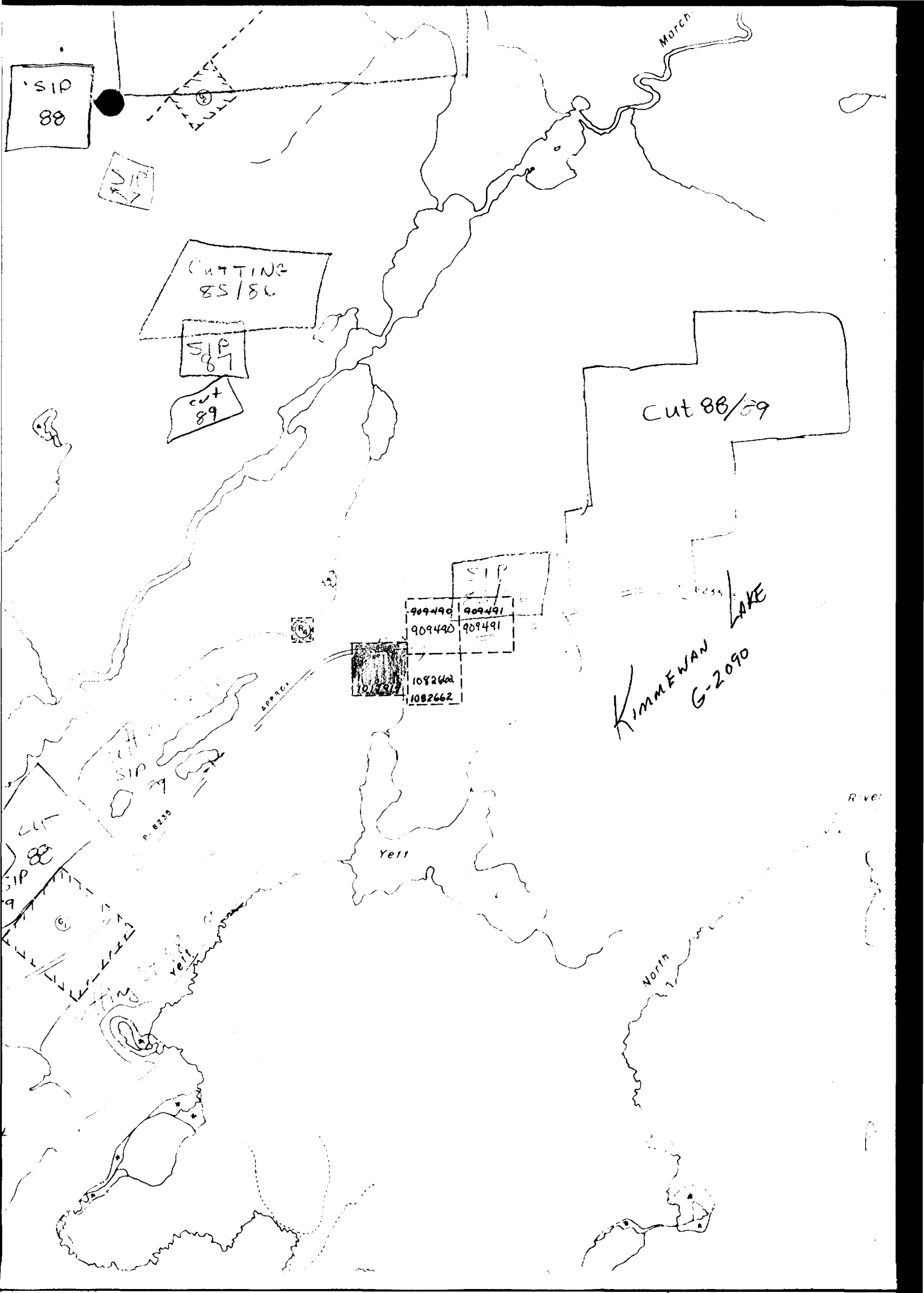
Date Approved as Recorded **5 APR 90** Branch Director *[Signature]*

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying **J.W. Redden**





SIP  
88

SIP  
87

CUTTING  
85/86

SIP  
87

cut  
89

cut 88/89

SIP

909490	909491
909440	909491
1082662	1082662

KIMMEWAN LAKE  
G-2090

CUT  
SIP  
88

P-8235

APPROX

Yell

North

River

MOTCH

HIGHSTONE LAKE - G-2066

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 1873 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT R.S. 1970 CHAP. 380. SEC. 63 SUBSEC. 1

REFERENCES

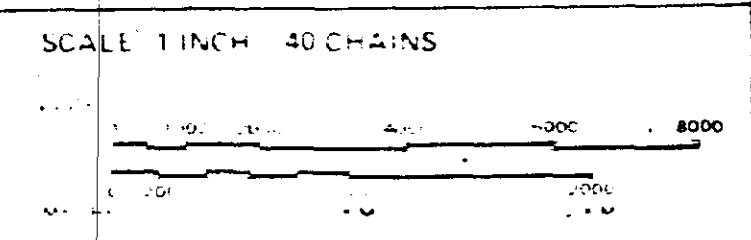
AREAS WITHDRAWN FROM DISPOSITION

Description	Order No.	Date	Disposition	File
①		16.12.72	S.R.O.	163474
②	334.43	6/4/80	S.R.B.R.	163472

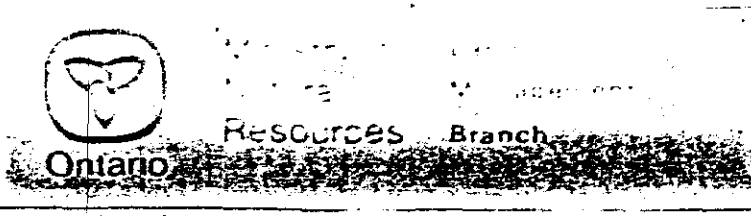
SAND & GRAVEL

Symbol	Description	Date
③	M.T.C. GRAVEL PIT	11-13
④	NON. GRAVEL RESERVE	11-22
⑤		11-22
⑥		11-24

Sept 14/1986  
The 40/87  
Oct 4/89



AREA KIMMEWIN LAKE  
MANE ADMINISTRATIVE DISTRICT  
SIOUX LOOKOUT  
MINING DIVISION



G-209C

HOLGER LAKE - G-2069

JATIN LAKE C-2247



52-9639901 2-13136 KIMMEWIN LAKE

200

BADSHOT LAKE - G-1944

50392