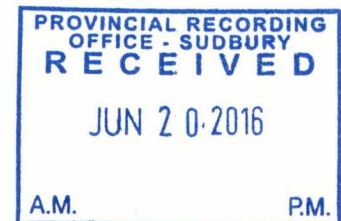


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2-56944

**West Kenty Project**  
**Assessment Report on Trenching**



**June 20, 2016**

**Todd Keast, PGeo**

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### Appendix I

Assay certificate

## **INTRODUCTION**

During 2015, Charlie Mortimer completed a blasting/trenching program on a group of claims in Swayze Township (G3249), situated approximately 130 kilometres southwest of Timmins Ontario, within the Porcupine Mining Division.

The project is located in the Swayze greenstone belt of the Abitibi Subprovince. The greenstone belt is an east-west trending sequence 45km by 25km. Rock types include massive and fragmental rhyolite volcanic rocks, massive basaltic flows, and scattered feldspar porphyry intrusions. Sedimentary rocks are a minor component and include greywacke, argillite, and conglomerate. East-west trending fold axis are prevalent throughout the stratigraphic package.

Blasting was focused on exposing a portion of previously trenched outcrop exposure. Previous work had identified a flat lying orientation to the stratigraphy. The flat nature of the outcrop limited the ability to determine depth and thickness of the mineralized “cap rock”.

## **LOCATION AND ACCESS**

The property is situated 130 kilometres southwest of Timmins, Ontario. The project is located in Swayze Township (G3249), of the Porcupine Mining Division. The UTM position of the work area is UTM Zone 17 377990 E 528980 N.

Access to the property is excellent. The Folyet logging road is accessed from Hwy 101 approximately 100 km southwest of Timmins. The Foyet Timber road intersects the Dore Road. The property is approximately 75 km south of the Hwy 101, followed by a 12 km road going west (Garnet Road) which is located immediately south of the Wakami Bridge. Access to the West Kenty property is through existing trails through the Kenty Mine site.

## **PROPERTY**

The West Kenty Project consists of 2 unpatented mining claims P 4270433 (4 units) and P 4275530 (2 units). The claims are situated in Swayze Township of the Porcupine Mining Division. The claim holder for both claims is Charles Mortimer 100%.

## **TOPOGRAPHY**

The West Kenty Project is characterized by rolling topography. The vegetation consists predominantly of balsam and spruce in the low areas, and a mixture of poplar and balsam in the high areas. Outcrop exposure is approximately five to ten percent.

## **REGIONAL GEOLOGY**

The project is situated in the Swayze greenstone belt of the Abitibi Subprovince. The greenstone belt is an east-west trending sequence 45 km by 25 km. Rock types include massive and fragmental rhyolite volcanics, massive basalt flows, and scattered feldspar porphyry intrusions. Sedimentary rocks are a minor component and include greywacke and conglomerate. East-west trending fold axes are prevalent throughout the stratigraphic package.

The Ontario Geological Survey completed a mapping project of Swayze Township O.D.M. Report 33.

## **PROPERTY GEOLOGY**

The claims are situated over a major east west trending rhyolite / basalt contact. Lithological contacts are preferential sites of structural development, thus important exploration targets.

The geology of the project consists of a thick sequence of volcanic rocks which include mafic volcanic and intermediate flows. Sedimentary rocks have been recognized south of the claims in the Kenty Mine area.





## EXPLORATION PROGRAM

Mr. Charles Mortimer completed blasting on one key outcrop of the property. The outcrop was mapped and channel sampled by previous operators (Red Pine Explorations Inc. Jan 31 2010 assessment report). In the outcrop of interest visible gold mineralization was identified during the mapping program. During the mapping program a unit of flat lying “cap rock” was identified which overlies most of the outcrop.

The author of this report visited the outcrop in October of 2015, conducted some mapping on the outcrop exposure, collected magnetic susceptibility readings on various locations of the outcrop, examined the areas that were blasted on the outcrop, and collected a number of photographs to document this work and provide recommendations for Mr. Mortimer.

## **CONCLUSIONS AND RECOMMENDATIONS**

The outcrop exposure was trenched and washed and sampled by previous property operators. A geology sketch map was completed during the site visit, using the sketch map of provided by Mr. Mortimer. The field mapping confirms very closely with the original Map 1.

The intense alteration of the rocks combined with the flat dip to the units provides some complexity to the understanding of the geology. With the flat lying nature, it is difficult to determine true thickness and continuity of mineralization in the third dimension. The work program of Mr. Mortimer to blast small pits at the edge of the outcrop is an effective way to assist with the basic understanding of the geology. A series of photographs to depict the work and the mineralization is included below.



**Photo 1** – Flat lying cap rock (white) over most of the outcrop.





**Photo 2** – Blasted pit on edge of outcrop. Note clipboard and pencil for scale.



**Photo 3** – blasted pit view west.





**Photo 4** – Silicified altered block from the blasted area.



**Photo 5** – Silicified altered block from the blasted area.





**Photo 6** - Sulphide mineralization in the exposed rock.



**Photo 7** - Sulphide mineralization in the exposed rock.





**Photo 7** - Sulphide mineralization in the exposed rock.

Five samples from the fresh blasted material were assayed for gold. Two of the samples returned assays greater than 0.1 oz/t **Appendix 1**.

Further work is recommended for the West Kenty Project. The alteration and mineralization exposed below the cap rock is significant considering that two grab samples returned 0.1 oz/t Au and visible gold was located.

Todd Keast, P,Geo.

June 20, 2016



## REFERENCES

### References:

Donovan, J. F. 1965

Geology of Swayze and Dore Townships. Ontario Department of Mines  
Geological Report No. 33. Accompanied by Map 2070, coloured.

O.G.S. 1982

Airborne Electromagnetic and Total Intensity Magnetic Survey, Swayze Area, Cree  
Lake Sheet, District of Sudbury, 80541.

## **Appendix 1**

### Assays for West Kenty Project



Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 1

## Assay Certificate

Certificate Number: 15-2143

Company: **Charles Mortimer**

Project:

Report Date: 07-Oct-15

Attn: **Charles Mortimer**

We hereby certify the following Assay of 5 rock/grab samples  
submitted 02-Oct-15 by Charles Mortimer

Sample Number		Au	Au Chk
		FA-MP	FA-MP
		Toz/t	Toz/t
32204		0.104	
32205		0.107	
32206	1	0.025	
32207		0.025	
32208		< 0.001	

1. No Reject

Certified by

JL Lin

Jing Lin, M Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0  
Telephone (705) 642-3244 Fax (705) 642-3300



Ministry of Northern Development and  
Mines

Mines & Minerals Division

Earth Resources & Geoscience Mapping  
Section  
Ontario Geological Survey  
933 Ramsey Lake Road, Level B7  
Sudbury ON P3E 6B5  
Tel.: 705-670-5778  
Fax: 705-670-5818  
Toll Free: 1-888-415-9845, ext 5778

Ministère du Développement du Nord et  
des Mines

Division des mines et des minéraux

Unité des ressources terrestres et de la  
cartographie géoscientifique  
Commission Géologique de l'Ontario  
933, chemin du lac Ramsey, 7<sup>ème</sup> étage  
Sudbury ON P3E 6B5  
Tél. : 705-670-5778  
Télec. : 705-670-5818  
Tél Sans frais: 1-888-415-9845, ext 5778



June 19, 2014

Dear Sir/Madam,

This letter introduces Mr Evan Hastie, a PhD candidate at Laurentian University, who is presently working with the Ontario Geological Survey to study gold metallogeny and mineral potential of the Southern Swayze greenstone belt. Evan is conducting this work as an employee of the Ministry of Northern Development & Mines, Ontario Geological Survey.

As part of this project Evan will be visiting mining and exploration sites, prospects, crown land and private property for the purposes of sampling rocks and conducting geological mapping. Evan and an assistant will collect rock samples with rock hammers and chisels and study exposures of bedrock with as little disturbance as possible. It would be greatly appreciated if you would allow him access to your property so that he can complete this work.

Please contact Tom Brown (705-670-5980; [tom.brown2@ontario.ca](mailto:tom.brown2@ontario.ca)), Manager – Geoscience Mapping or myself if you have any questions concerns or comments.

Thank you for your time and patience.

Sincerely,

A handwritten signature in black ink, appearing to read "Jack Parker".

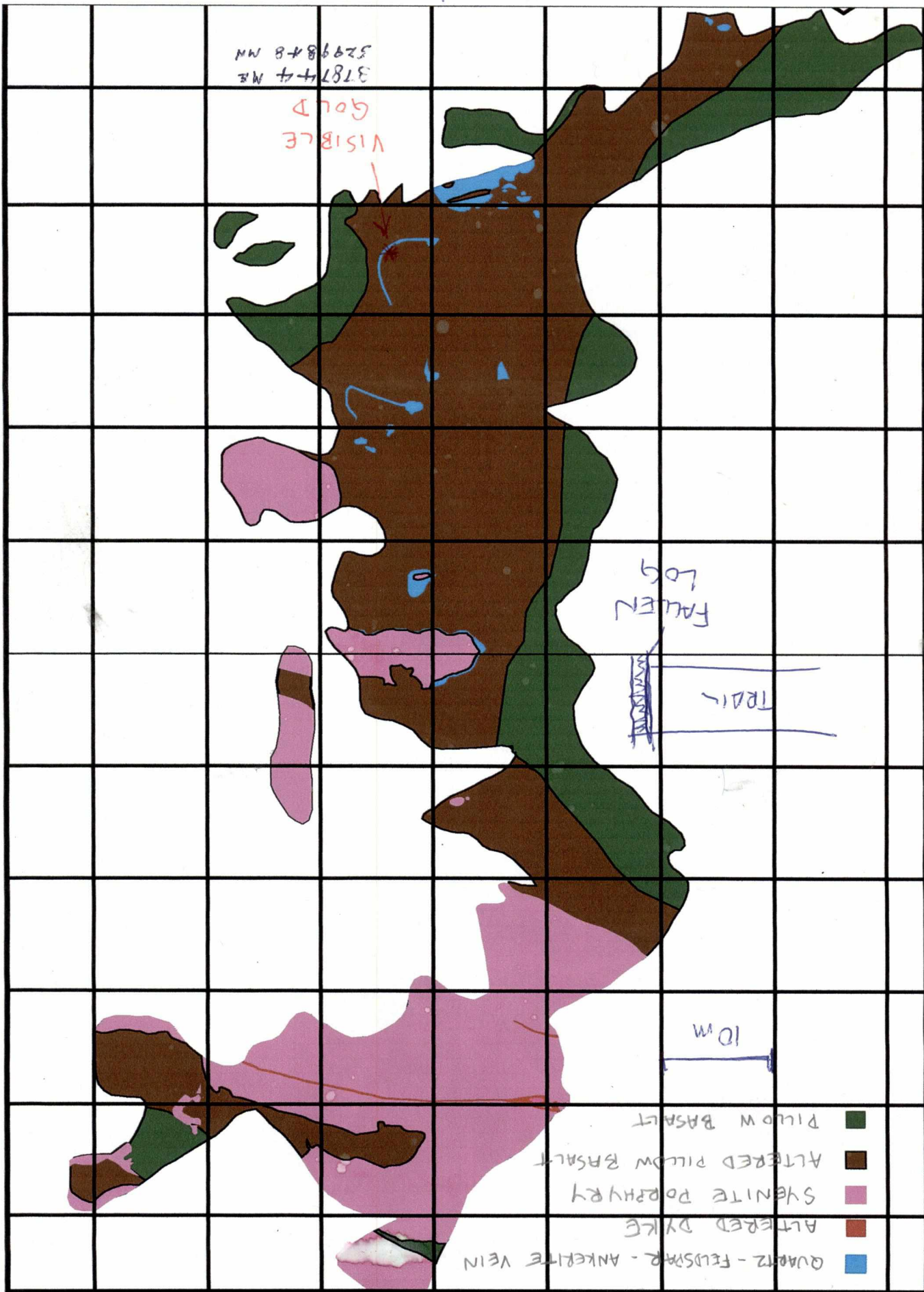
Jack Parker, Senior Manager  
Earth Resources & Geoscience Mapping Section  
Ontario Geological Survey  
Ministry of Northern Development & Mines

\* Attached geological  
Map

EVAN

EVAN HASTIE  
MORTIMER TRENCH  
UNIVERSITY

C1 MORTIMER TRENCH

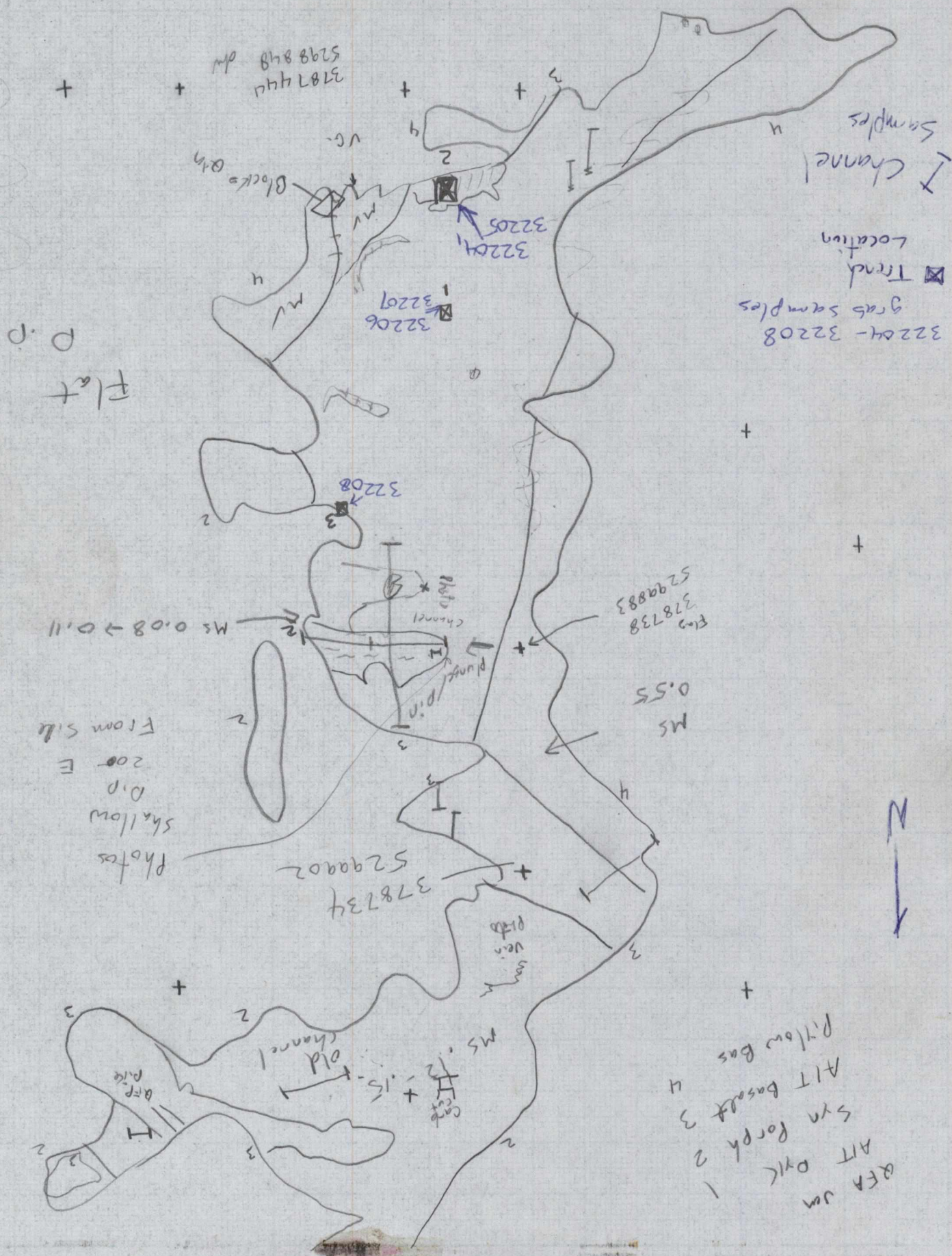


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17







CHARLES H. MARTINER

KENTY WEST PROJECT SEP. OCT 2015

CLAIMS 4275530 + 4270433

SUMMARY TP. ON.

AUG 7. 2015 FLOTT CATAPILLAR EXCAVATOR 215 TO PROJECT

1028.00

SEP 25  
PIT #1

G. MAGNAN COMPRESSOR DRILL BLAST  
8 HRS @ \$45 PER HR

General Magnan  
360.00

SEP 26  
PIT #1

G. MAGNAN COMPRESSOR DRILL BLAST  
8 HRS @ \$45 PER HR.

General Magnan  
360.00

OCT 1  
PIT #2

G. MAGNAN COMPRESSOR DRILL BLAST  
6 HRS @ \$45 PER HR.

General Magnan  
270.00

OCT 2  
PIT #2

G. MAGNAN COMPRESSOR DRILL BLAST  
6 HRS @ \$45 PER HR.

General Magnan  
270.00

KEN KELLY DRILLER'S HELPER SEP 25. SEP 26. OCT 1. OCT 2  
4 DAYS @ \$250.00 PER DAY

Ken Kelly  
1000.00

OCT 4 G. MAGNAN 215 CATAPILLAR EXCAVATOR  
10 HRS @ 120.00 PER HR

1200.00

---

4488.00

CASH TO G. MAGNAN \$2460.00

CASH TO K. KELLY \$1000.00

General Magnan  
Ken Kelly

C. MORTIMER 5 DAYS SUPERVISOR + SAMPLE \$250 PER DAY

\$1250.00

---

\$5738.00

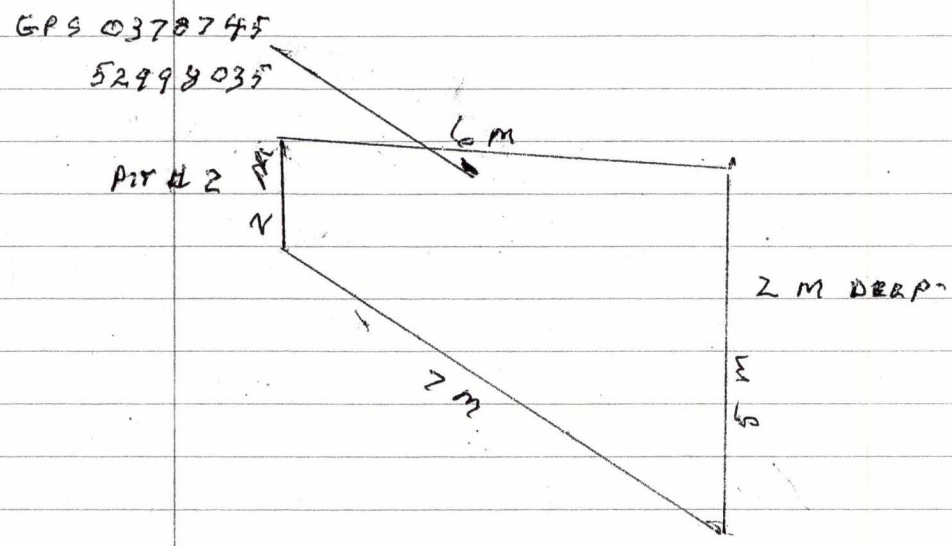
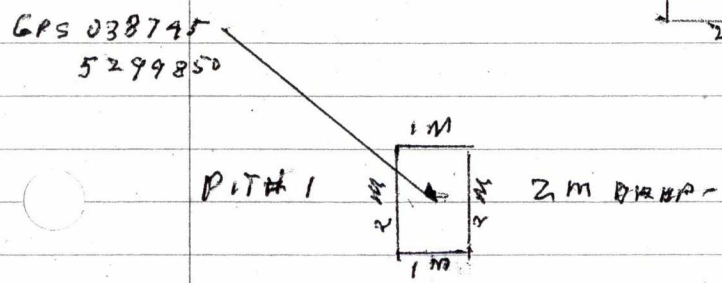
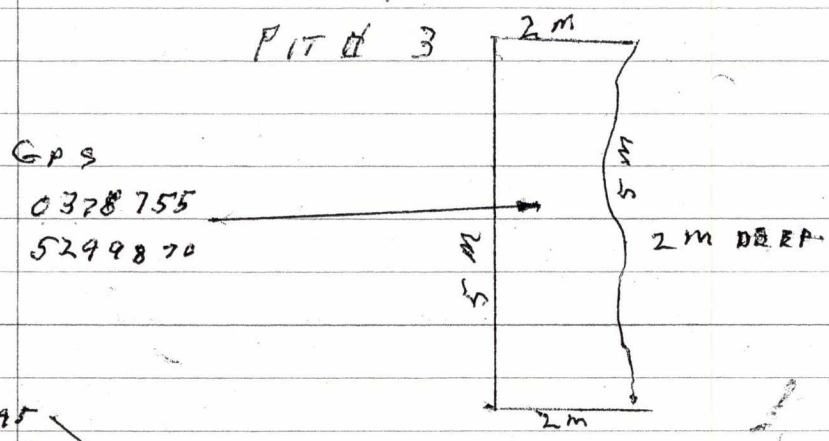
TOO KENT G. MAGNAN

78 NOVA DR SUDBURY ONT

P3R  
045

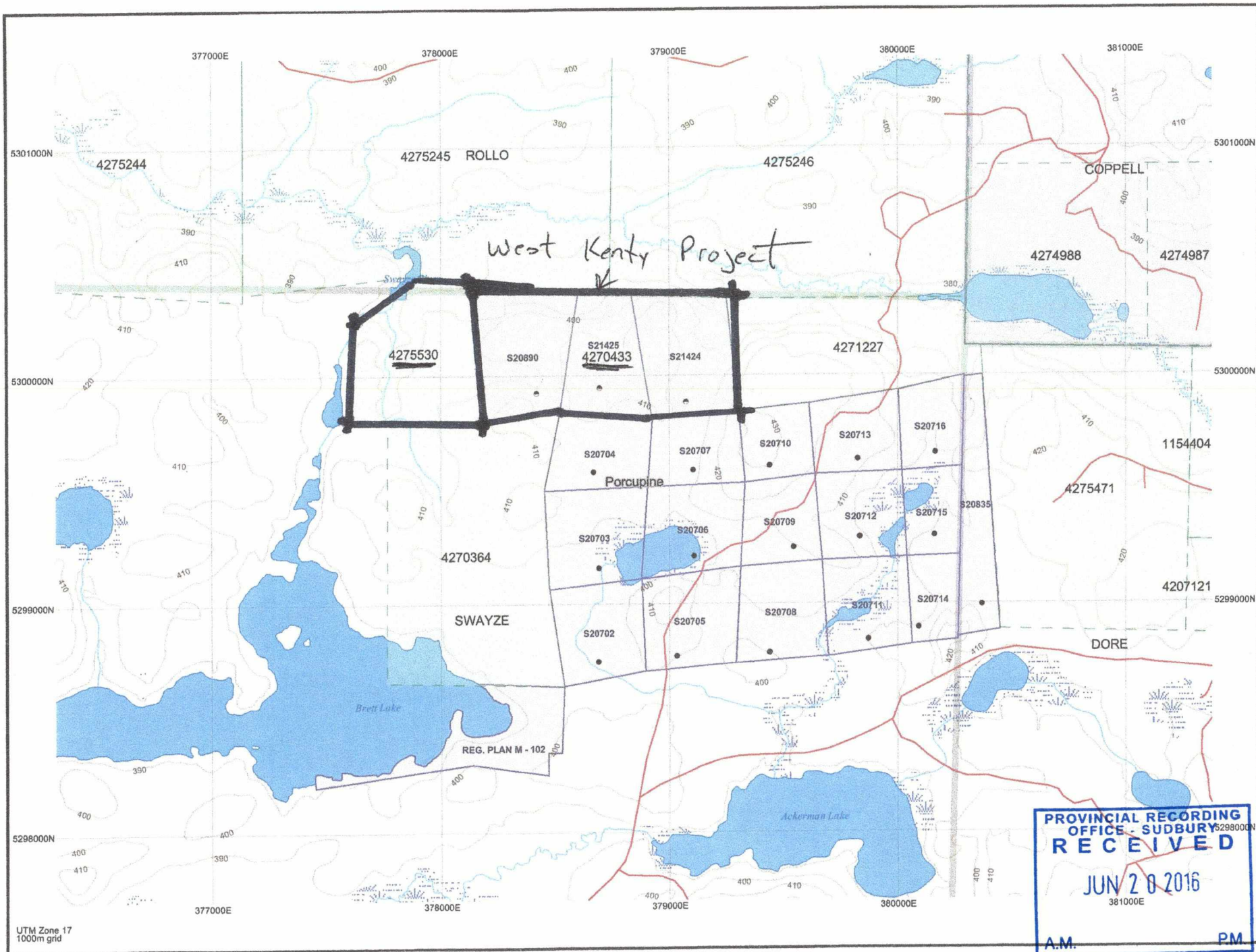
GPS  
378740R  
5299900N → ~~10~~  
NOT TO SHUTEN SCALE

CLAIM #270433 SWAYZE TR.  
C. MORTIMER SEP. OCT 2015  
PITS + TRENCHES



SCALE 1 CM = 1 M  
2m, 1m, 1m, 2m






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## Active Mining Claim Abstract

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PORCUPINE		Claim Number: P 4275530		Status: ACTIVE	
Due Date:	2016-Jun-27	Recorded:	2014-Jun-27		
Work Required:	\$800	Staked:	2014-Jun-21 11:10		
Total Work:	\$0	Township/Area:	SWAYZE (G-3249)		
Total Reserve:	\$0	Lot Description:	,		
Present Work Assignment:	\$0	Claim Units:	2		
Claim Bank:	\$0				

## Claim Holders

Recorded Holder(s) Percentage

MORTIMER, CHARLES HOMER ( 100.00 %)

Client Number

172990

## Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2014-Jun-27		RECORDED BY KELLY, KENNETH ARTHUR (1002146)		R1460.01556
STAKER	2014-Jun-27		KELLY, KENNETH ARTHUR (402036) RECORDS 100.0 % IN THE NAME OF MORTIMER, CHARLES HOMER (172990)		R1460.01557

## Claim Reservations

- 01 400' surface rights reservation around all lakes and rivers
- 02 Sand and gravel reserved
- 03 Peat reserved
- 04 Other reservations under the Mining Act may apply
- 05 Including land under water

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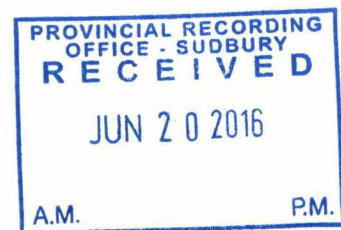
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## Active Mining Claim Abstract

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PORCUPINE		Claim Number: P 4270433		Status: ACTIVE	
Due Date:	2016-Aug-01	Recorded:	2014-Aug-01		
Work Required:	\$1,600	Staked:	2014-Jul-19 15:00		
Total Work:	\$0	Township/Area:	SWAYZE (G-3249)		
Total Reserve:	\$0	Lot Description:	,		
Present Work Assignment:	\$0	Claim Units:	4		
Claim Bank:	\$0				

## Claim Holders

Recorded Holder(s) Percentage

MORTIMER, CHARLES HOMER ( 100.00 %)

Client Number

172990

## Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2014-Aug-01		RECORDED BY KELLY, KENNETH ARTHUR (1002146)		R1460.01245
STAKER	2014-Aug-01		KELLY, KENNETH ARTHUR (402036) RECORDS 100.0 % IN THE NAME OF MORTIMER, CHARLES HOMER (172990)		R1460.01246
OTHER	2014-Aug-08		CONFIRMATION OF STAKING REQUIRED TO 1 SURFACE RIGHTS OWNER(S) BY 2014-Sep-30		E1460.00260
OTHER	2014-Sep-03		PROOF OF CONFIRMATION OF STAKING RECEIVED FOR 1 SURFACE RIGHTS OWNER(S)		E1460.00280

## Claim Reservations

- 01 400' surface rights reservation around all lakes and rivers
- 02 Sand and gravel reserved
- 03 Peat reserved
- 04 Other reservations under the Mining Act may apply
- 07 Mining rights only

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