



52F08N0005 2.12784 MELGUND

010

PRELIMINARY REPORT

ON THE

SAKOOSE NORTH CLAIMS

Melgund Twp. and Tabor Lake Area

Kenora Mining Division

Ontario

prepared by:



J. W. Redden, B.Sc.

**Box 117
Wabigoon, Ont.
POV 2W0
(807) 938-6915**

Sept. 11, 1989

INTRODUCTION

The six claims described in this report are located to the north of the Sakoose Mine, a past gold producer. The claims were staked to cover favourable geology.

LOCATION AND ACCESS

The claims are located about half way between Dryden and Ignace, Ontario and some 7km south of Highway 17. An all weather gravel road (Sandy Point Road) lies within 200m to the west of the claims. An old logging road suitable for ATV's crosses the eastern part of the claims.

CLAIMS

The property consists of six claims staked in July of 1988. These are registered as mining claims numbered K 1052917 to K 1052922 incl. They are registered in the name of J. W. Redden.

PREVIOUS WORK

The area was first actively explored during the 1890's. To date no records or field evidence are available to indicate work being done on these specific claims. Work was done a short distance to the northeast of the claims.

Selco carried out geophysical surveys over the western part of the claims in 1977 and drilled one hole on present claim K 1052922. The work was apparently for base metals. No base metal values of significance were discovered and their claims were allowed to lapse.

The two western and one southeastern claims were explored by C. Kuryliw in 1982. Geophysical and geological surveys were conducted. The claims were allowed to lapse.

GENERAL GEOLOGY

The property is underlain by a series of volcanics intercalated with minor sediments. Both felsic and mafic volcanics are present. The felsics predominate on the western claim and the mafics on the other claims. The contact between the mafics and felsics contains the minor sediments. The sediments are only known from the Selco drill hole.

The mafic volcanics along the eastern margin of the claims have been partially metamorphosed to hornblende-rich rocks. This was caused by the intrusion of the Revell batholith just to the east of the claims.

Kuryliw has interpreted the felsics to represent an anticlinal structure. This has not been verified by the present author however it is known that considerable folding is present in the area. Dragfolding was noted in the western part of the property which suggests that folding is present as interpreted. The magnetic patterns from the geophysics can also be interpreted to indicate folding.

ECONOMIC GEOLOGY

Gold occurrences in the area are associated with quartz veining. Large scale folds, dragfolds and refracturing of the quartz veins control the location of the gold mineralization.

Three areas of quartz veining are known to occur on the claims.

An area containing several large (to 0.5m) pieces of angular quartz float occurs on the northwest flank of a ridge on K 1052921. The source of the quartz could not be determined. From experience in the same area with other similar occurrences it is considered that the float is of local origin (i.e. within 10 - 20m). The quartz is milky white, refractured and contains minor carbonate. Sulphides were only present in trace amounts. A grab sample returned <5 ppb Au.

A sheared zone within mafic volcanics contains white quartz stringers. This shear is located on K 1052921, along the southeast flank of the same ridge as the previous showing. The shear is heavily carbonated. Quartz stringers make up approximately 5 - 10% of the zone. Fine disseminated pyrite constitutes 1 - 2% of the rock. The zone is exposed for a width of 1.5m. The edges of the zone are not exposed. Shallow overburden covers the zone both to the northeast and southwest. A composite grab sample returned 40 ppb Au.

Between the two above mentioned showings is a 3 to 5m thick felsic metavolcanic horizon. This unit and the adjacent mafic metavolcanics are cut by a feldspar porphyry dyke. At the Sakoose Mine, this feldspar porphyry is spatially related to the gold-bearing quartz veins.

An area of southwesterly striking, vertically dipping white quartz stringers is exposed on the north flank of a ridge on K 1052920. Minor carbonate is associated with the stringers. Pyrite was not seen. The stringers are covered with overburden to the southwest and northeast.

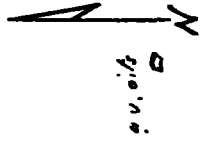
Along the common claim line of K 1052917 and K 1052918 is a north northeast striking zone of schistose volcanics containing 1 - 3% disseminated sulphides. This type of mineralization also is present in the vicinity of the Sakoose Mine where it carries 100 to 200 ppb Au. There is some thought that this mineralization may represent the protore for the Sakoose Mine and other gold occurrences in the area.

CONCLUSIONS

1. The claims contain several features in common with the Sakoose Mine geology:
 - a. quartz veins
 - b. drag folding
 - c. feldspar porphyry
 - d. disseminated sulphides in schistose volcanics ('protore'?)
2. Additional work is warranted to more fully explore the claims.

RECOMMENDATIONS

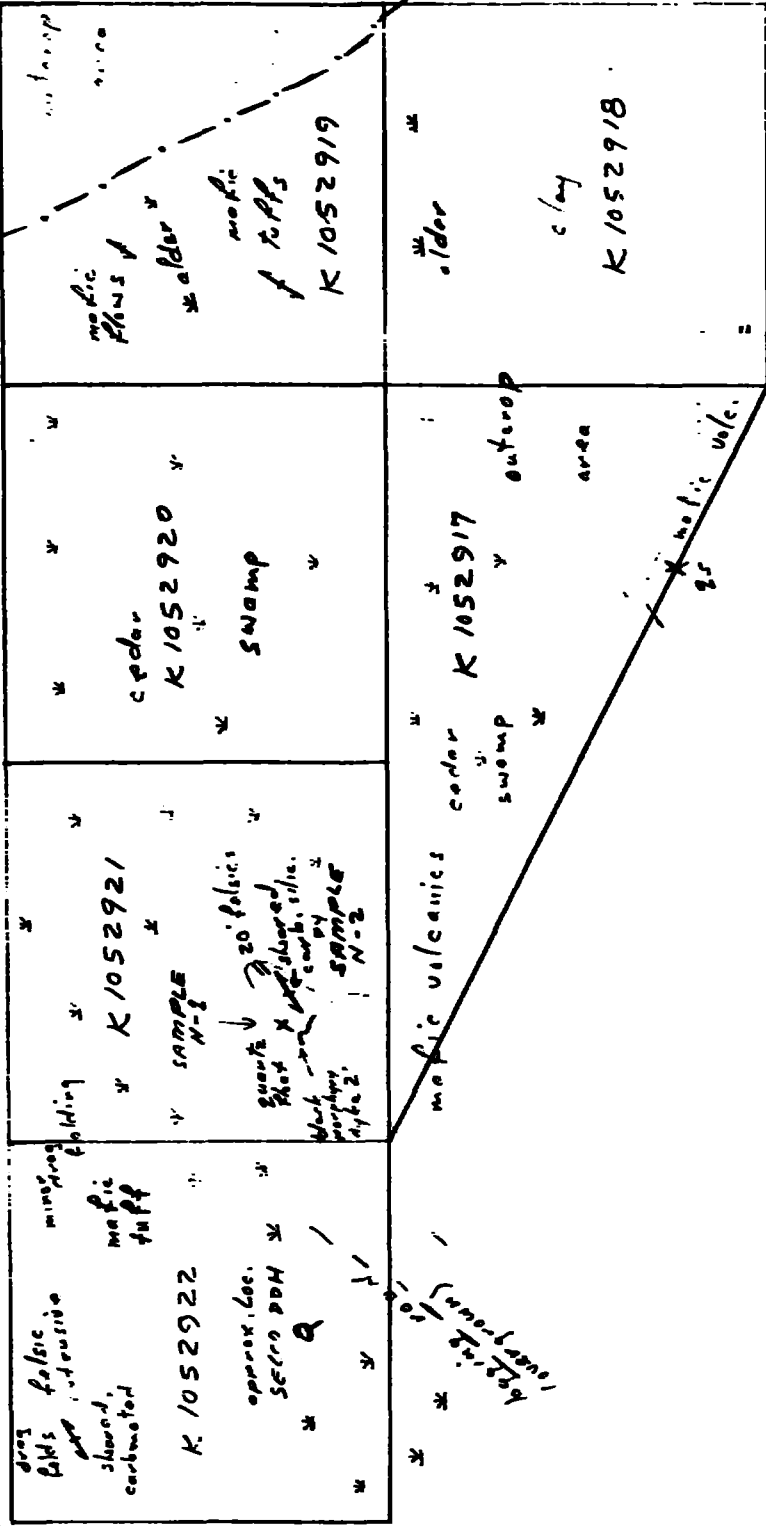
1. Extend the Sakoose Mine grid northerly to cover these claims.
2. Geologically map the claims.
3. Stripping and sampling of the presently known showings plus those discovered during the geological mapping.
4. Additional intermediate lines to be cut to provide a 25m x 5m grid for a magnetic survey to identify the detailed folding pattern on the claims.
5. Further work will depend on the results of 1. to 4. above.



24 p. ts

old logging road

old pit?



SAROSE NORTH
PROPERTY
Keweenaw Mining Division
Outcrops

scale 1" = 660'

JULY 1989

MELGUND TWP
TRAMP LAKE
AREA



W8901.0089

MJ



52F09NW0005 2.12784 MELGUND

900

Type of Survey(s): **EXPENDITURE**

Claim Holder(s): **J W Redden**

Address: **Box 117 Wabigoon Out P0V2W0**

Survey Company: **J W Redden**

Name and Address of Author (of Geo-Technical report): **J W Redden Box 117 WABIGOON OUT P0V2W0**

Date of Survey (from & to): **15 08 89 28 07 89**

Prospector's Licence No.: **E23950**

Total Miles of Line Cut: **2.12784**

TAXOR Lt Area / Melgund Pange

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	
	- Radiometric	
For each additional survey: using the same grid: Enter 20 days (for each)	- 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)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
K	1052917	33
	1052918	20
	1052919	20
	1052920	20
	1052921	20
	1052922	20

RECEIVED
AUG 10 1989
MINING LANDS SECTION

ONARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
DEC 27 1989
RECEIVED

KENORA
MINE
RECEIVED
AUG - 2 1989
7891011 12123456

Expenditures (excludes power stripping)

Type of Work Performed: **prelim. evaluation**

Performed on Claim(s): **all**

Calculation of Expenditure Days Credits

Total Expenditures: **\$ 2000** ÷ Total Days Credits: **15** = **133**

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.

1052918

Total number of mining claims covered by this report of work: **65**

For Office Use Only

Total Days Cr. Date Received: **100** **89 AUG 2**

Mining Recorder: **Scott Rivett**

Inspector: **24 Nov 89**

Date: **Aug 2/89**

Received, Hours of Work, Signature: **J W Redden**

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, being performed by me or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying:



Ministry of Northern Development and Mines

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT No. W8901-221

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

Mining Act

Type of Survey(s) **EXPENDITURE** Township or Area **M-2653**
TRABOR LAKE AREA
 Claim Holder(s) **J. W. REDDEN** **2.1278** Prospector's Licence No. **E23950**
 Address **Box 117, Wabigoon Out POUZWO**
 Survey Company **JW Redden** Date of Survey (from & to) **10 10 88** to **10 08 89** Total Miles of line Cut **=**
 Name and Address of Author (of Geo-Technical report) **JW Redden Box 117 WABIGOON OUT POUZWO**

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	
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	
	Geochemical	
	Geophysical	Days per Claim
	- Electromagnetic	
Complete reverse side and enter total(s) here	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
Airborne Credits	Geochemical	
	Electromagnetic	Days per Claim
	Magnetometer	
	Radiometric	

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

Mining Claims Traversed (List in numerical sequence)

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
K	1052917	33			
RECEIVED					
21 1989					
MINING LANDS SECTION					

KENORA
MINING DIV.
RECEIVED
SEP 11 1989
7 8 9 10 11 12 1 2 3 4 5 6

Expenditures (excludes power stripping)

Type of Work Performed **Evaluation**
 Performed on Claim(s) **K 1052917 (SEE W8901-189)**
 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.

BALANCE REMAINING FROM 8901-189

Total number of mining claims covered by this report of work. **1**

For Office Use Only
 Total Days Cr. Recorded **33** Date Recorded **Sept 11/89** Mining Recorder **McLemay Acting**
 Date Approved as Recorded **24 Nov 89** Branch Director **[Signature]**

Date **Aug 28/89** Recorded Holder or Agent (Signature) **[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 **JW Redden** **1052918**
Box 117 Wabigoon Out POUZWO Date Certified **Aug 28/89** Certified by (Signature) **[Signature]**

TABOR LAKE

DISTRICT OF
KENORA

KENORA
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

- PATENTED LAND ● or ⊙
- CROWN LAND SALE C.S.
- LEASES ⊙
- LOCATED LAND Loc.
- LICENSE OF OCCUPATION L.O.
- MINING RIGHTS ONLY M.R.O.
- SURFACE RIGHTS ONLY S.R.O.
- ROADS —
- IMPROVED ROADS —
- KING'S HIGHWAYS —
- RAILWAYS —
- POWER LINES —
- MARSH OR MUSKEG —
- MINES —
- CANCELLED —
- PATENTED S.R.O. —

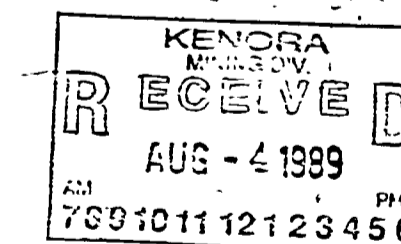
NOTES

400' surface rights reservation along the shores of all lakes and rivers.

Roads indicated PRIVATE may be used by prospectors only after permission is obtained from Dryden & Co., Dryden, Ontario.

Areas withdrawn from staking under Section 43 of the Mining Act. (R.S.O. 1990)

Order No.	File	Date	Disposition
W3E-78	115978	10 July 78	M.R.D.



NATIONAL TOPOGRAPHIC SERIES 52F9

PLAN NO. **M.2653**

ONTARIO
MINISTRY OF NATURAL RESOURCES

SURVEYS AND MAPPING BRANCH

