# REPORT ON CLAIM 515200

IN

TISDALE TOWNSHIP

JUNE 9, 1981

## Location, Topography, Access

The claim 515700 is located in Tisdale Township, Concession I, Lot 7, north ½, northeast quarter. Topographically, the claim is generally flat except along the south boundary where a ridge some 50 feet high exists.

Access to the property is obtained via the road leading to the transformer sub-station located on the northeast corner of the claim.

## Work Performed

Late in September 1980, Joel Fink and Paul Rohleder, both employees of Pamour Explorations and residents of Timmins at the time, carried out soil sampling on the claim. Fifty-six samples were taken in all and analyzed for both gold and copper content.

## Results

Results obtained are as plotted on the accompanying map with gold recorded in p.p.b. and copper in p.p.m.

The values greater than 100 p.p.b. are considered anomalous. These anomalous values occur on line 660 and 990 at five different sampling stations.

## Method

SAMPLING - Samples were obtained by digging a hole well into the "C" horizon at each sample site. The uncontaminated sample was taken and pertinent data recorded.

ASSAYING - Each sample was assayed by the Pamour area lab as follows: a 200 gram sample was taken from the dried sample material by the accepted "cone and quartering" practice. This was pulverized to minus 200 mesh. A 10 gram sample of this pulp was treated by a hot acid leaching procedure using aqua regia to extract both gold and copper. Gold was read direct on the Atomic Absorbtion Unit (I.L. 257) while copper was diluted by an order of magnitude before being read.

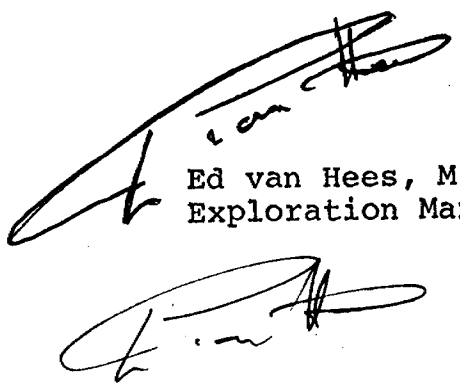
## Interpretation

The results obtained can be attributed to two possible causes, namely, the till generated by pleistocene glacial activity or precipitation of gold from ground water moving through the area resulting in a hydromorphic anomaly. The latter is not likely the cause of this anomaly.

## Recommendations

Further soil sampling should be done to detail the anomalous area. Prospecting of the nearby area may reveal bedrock at or near surface. Should no immediate source for the gold be evident, an overburden sampling program should be carried out to the north of the anomaly in an effort to trace these values to their origin.

The information presented in this report is accurate and true to the best of my knowledge and was gathered by Pamour Explorations personnel under my direction.



Ed van Hees, M.Sc.
Exploration Manager

Ontario

Ministry of Natur

GEOPHYSICAL – GEOLOGI(
TECHNICAL DATA

42A06NW0008 2.3956 TISDALE

900

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geochemical

Township or Area Tisdale

Claim Holder(s) Pamour Porcupine Mines

Survey Company Same

Author of Report E. VAN Hees

Address of Author P.O.B 2010 Timmins

Covering Dates of Survey _____ (linecutting to office)

Total Miles of Line Cut _____

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

| | DAYS per claim |
|---|---|
| Geophysical | |
| –Electromagnetic | |
| –Magnetometer | |
| –Radiometric | |
| –Other | |
| Geological | |
| Geochemical | 40 |

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: June 16/81 SIGNATURE: _____
Author of Report or Agent

Res. Geol. E. VAN Hees Qualifications M.Sc. dept manager 2.3514

Previous Surveys

| File No. | Type | Date | Claim Holder |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

MINING CLAIMS TRAVERSED
List numerically

| (prefix) | (number) |
|---|---|
| P | 515700 |

If space insufficient, attach list

TOTAL CLAIMS 1

OFFICE USE ONLY

## GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

**MAGNETIC**

Instrument _____

Accuracy – Scale constant _____

Diurnal correction method _____

Base Station check-in interval (hours) _____

Base Station location and value _____

_____

**ELECTROMAGNETIC**

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency _____
(specify V.L.F. station)

Parameters measured _____

**GRAVITY**

Instrument _____

Scale constant _____

Corrections made _____

_____

Base station value and location _____

_____

Elevation accuracy _____

**INDUCED POLARIZATION**
**RESISTIVITY**

Instrument _____

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time _____ Frequency _____

– Off time _____ Range _____

– Delay time _____

– Integration time _____

Power _____

Electrode array _____

Electrode spacing _____

Type of electrode _____

## SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

## RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

## OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

## AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

# GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken P 515700

Total Number of Samples 57

Type of Sample Soil - C horizon
(Nature of Material)

Average Sample Weight 1 lb.

Method of Collection shovel

Soil Horizon Sampled C / till ?

Horizon Development

Sample Depth 1'-1½'

Terrain flat - occassionally wet south - 50' ridge

Drainage Development moderate

Estimated Range of Overburden Thickness 0'-40'

## SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis
Complete sample

General in report

## ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☑
p. p. b. ☑

(Cu,) Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others Au

Field Analysis (_____ tests)

Extraction Method

Analytical Method

Reagents Used

Field Laboratory Analysis

No. (_____ tests)

Extraction Method

Analytical Method

Reagents Used

Commercial Laboratory (_____ tests)

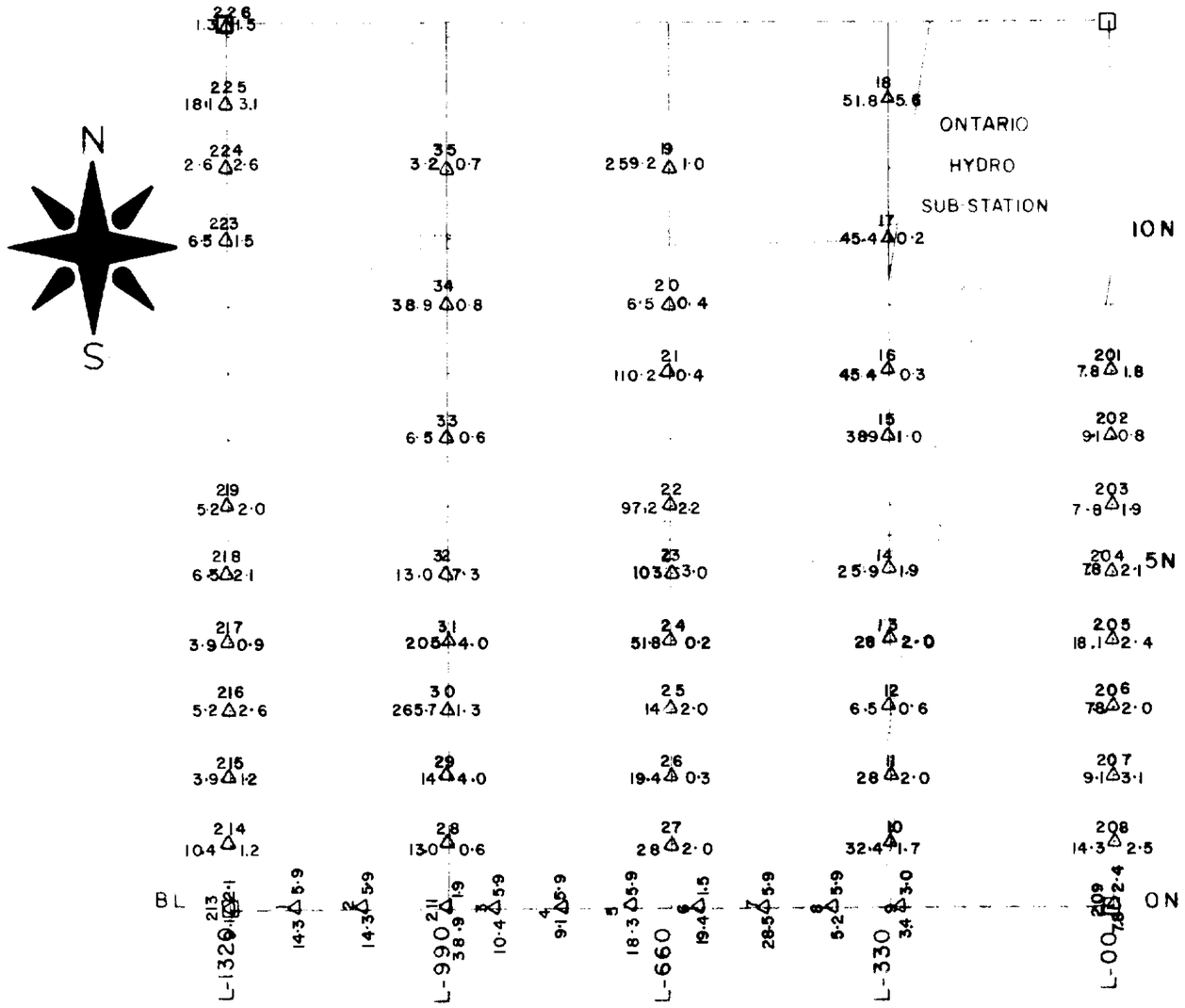
Name of Laboratory Pamour lab

Extraction Method Hot acid leach

Analytical Method Atomic Absorption

Reagents Used HCl, Nitric acids

General in report




# PAMOUR EXPLORATION

## SOUTH TISDALE PROJECT

TISDALE TOWNSHIP, ONTARIO.
PORCUPINE MINING DIVISION

## SOIL GEOCHEMICAL SURVEY

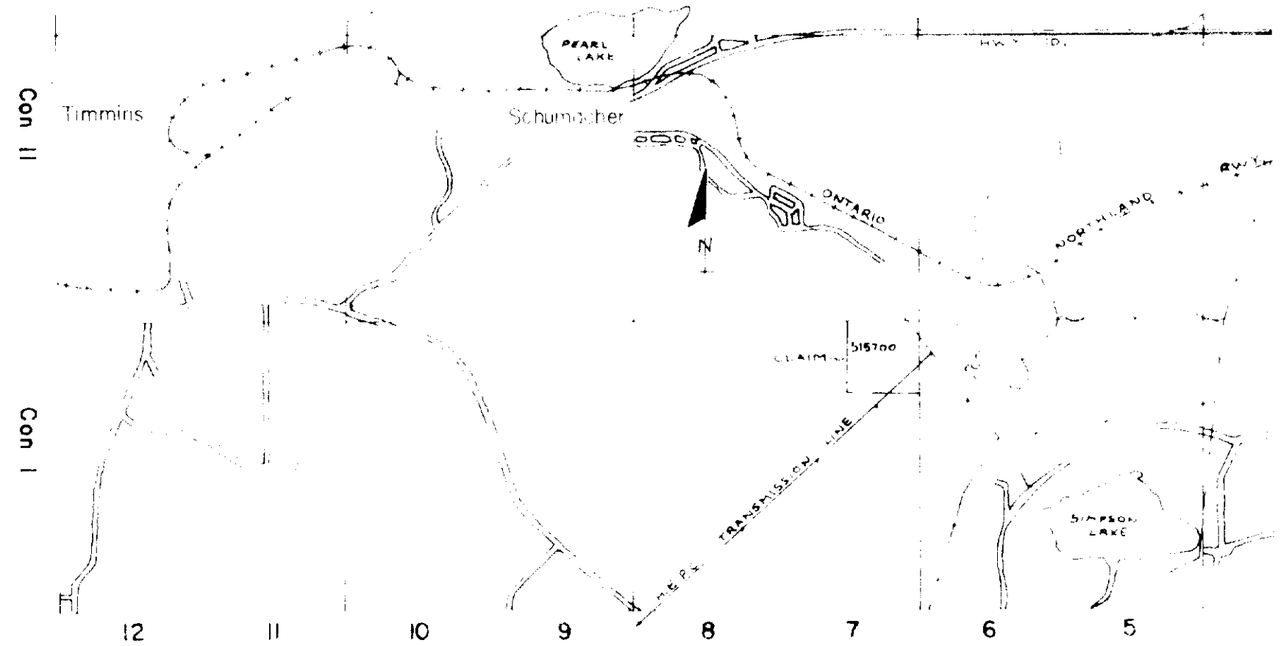
CLAIM NUMBER: 515700

SCALE: 1"=200' DATE: MAY 6, 1981

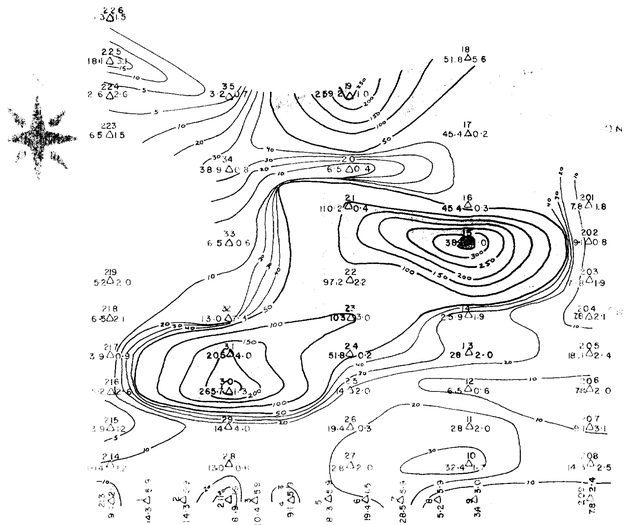
DRAWN BY: K.A.J. APPROVED BY:

KEY

- CLAIM POST
- CLAIM LINE
- SURVEY LINE
- SWAMP
- POWER LINE
- B.L. BASE LINE
- Δ SAMPLE LOCATION
- 23 Δ SAMPLE NUMBER
- ASSAY VALUE
- 34.1 Δ 9.7 GOLD (PPB) COPPER (PPM)




ION MAP SCALE: 1 inch = 1/2 mile



# PAMOUR EXPLORATION

## SOUTH TISDALE PROJECT

## SOIL GEOCHEMICAL SURVEY

△ SAMPLE LOCATION

23 △ SAMPLE NUMBER
ASSAY VALUE

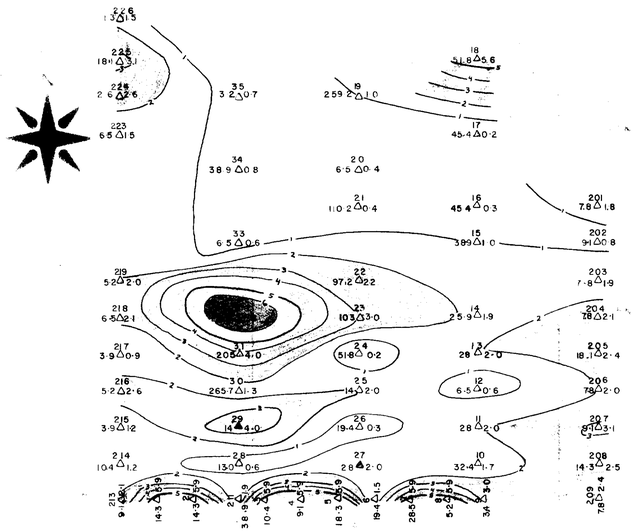
34.1△9.7 GOLD (PPB) COPPER (PPM)

GOLD
CONTOUR INTERVAL: 0 TO 50 PPB EVERY 10 PPB
: OVER 50 PPB EVERY 50 PPB

- 350 PPB & OVER
- 300 TO 350 PPB
- 250 TO 300 PPB
- 200 TO 250 PPB
- 150 TO 200 PPB
- 100 TO 150 PPB
- 50 TO 100 PPB
- UNDER 50 PPB



210



CLAIM 515700

PAMOUR EXPLORATION

SOUTH TISDALE PROJECT

SOIL GEOCHEMICAL SURVEY

△ SAMPLE LOCATION

23 △ SAMPLE NUMBER
ASSAY VALUE

34.1△9.7 GOLD (PPB) COPPER (PPM)

COPPER
CONTOUR INTERVAL: 1 PPM
——— 5 PPM
——— 1 PPM

- 6 PPM & OVER
- 4 PPM TO 6 PPM
- 2 PPM TO 4 PPM
- 0 PPM TO 2 PPM