



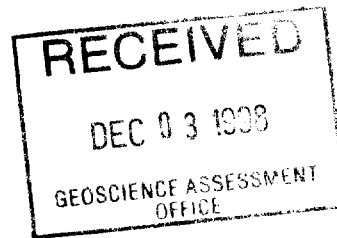
2

42C04SE2003

2.19043

DAVID LAKES

010



**'B'-HORIZON SOIL GEOCHEMISTRY SURVEY  
FOR THE PUKASKWA EAST EXTENSION CLAIMS  
1997 FIELD EXPLORATION PROGRAM**

PUKASKWA GOLD PROJECT  
Mishibishu Gold Corporation

Situated in the David Lakes Area,  
Sault Ste. Marie Mining District, Ontario

Prepared by: MGI Limited  
192 Joseph Zatzman Dr.  
Suite 14  
Dartmouth, NS B3B 1N4



**TABLE OF CONTENTS**

EXECUTIVE SUMMARY ..... ii

1.0 INTRODUCTION ..... Page 1

    1.1 Location and Access ..... Page 1

    1.2 Claim Data ..... Page 1

    1.3 Previous Work ..... Page 2

2.0 GEOLOGY ..... Page 2

    2.1 Regional Geology ..... Page 2

    2.2 Property Geology ..... Page 3

3.0 1997 'B'-HORIZON SOIL GOLD GEOCHEMISTRY SURVEY ..... Page 4

    3.1 Scope of Work ..... Page 4

    3.2 Personnel, Logistics, and Schedule ..... Page 5

    3.3 'B'-Horizon Sampling and Analytical Methodology ..... Page 5

4.0 'B'-HORIZON SOIL GEOCHEMISTRY RESULTS ..... Page 6

5.0 RECOMMENDATIONS ..... Page 8

REFERENCES ..... Page 9

STATEMENT OF QUALIFICATIONS ..... Page 12

**LIST OF APPENDICES**

APPENDIX A - Laboratory Analytical Certificates

**LIST OF MAPS**

- MAP 1 - Property Location Plan
- MAP 2 - Claim Location Plan
- MAP 3 - Soil Sample locations and Identification
- MAP 4 - Gold Soil Geochemistry Results
- MAP 5 - Gold Soil Geochemical Anomalies

## EXECUTIVE SUMMARY

During October and November, 1997, Mishibishu Gold Corporation conducted a line cutting program and a 'B'-horizon soil geochemistry survey on the East Pukaskwa Extension grid of the Pukaskwa Gold Project Property. The terrain was extremely rugged and three helicopter supported camps were constructed as bases from which to work.

Approximately 60.1 kilometres of line were cut at 200 metre spacings. 'B'-horizon soil samples were collected, where possible along this grid at 25 metre stations. Approximately 1050 soil samples were collected, from 842 locations. 208 of samples were field duplicates. The soil samples were submitted for analyses of gold by fire assay and AA finish. Prior to analyses, the soil samples were sieved to -80 mesh. The fine fraction was fire assayed.

The results of individual samples ranged from <1 to 44 ppb. The sample mean was approximately 3 ppb and the standard deviation was 3 ppb. Six out of the total locations sampled exhibited values greater than 15 ppb. The analytical and field duplicates indicated an acceptable level of quality assurance and quality control. The method detection limit was 1 ppb. Several areas weakly anomalous in gold were delineated that appear to reflect the known trend of the geology of the area or existing zones that may be enriched with gold.

Areas of anomalous soil trends should be further investigated further utilizing bedrock prospecting and geological mapping techniques. If favourable results are indicated from prospecting, a fill-in soil geochemistry survey should be performed at 50 metre spacings in and around the areas of interest. The feasibility and economics of mobilizing tire or track mounted excavating equipment to the area should be evaluated. Drilling may be a more efficient and cost effective method for sub-surface evaluation.

## 1.0 INTRODUCTION

The Pukaskwa Gold Project is situated along the Mishibishu Deformation Zone in the Mishibishu Greenstone Belt, Wawa Subprovince of the Canadian Shield. The property is currently held by Mishibishu Gold Corporation, 555 West Hastings St., Ste 700, Vancouver, British Columbia. Mishibishu Gold Corporation is the operator of the project.

### 1.1 Location and Access

The Pukaskwa Gold Property is located 110 km west of Wawa, Ontario (refer to Map 1). The property as a whole is encompassed by 85°33'04", 48°05'16" in the northeast corner, and 85°49'06", 48°12'31" in the southwest corner. The property encompasses 5190 hectares in total. The property can only be reached by helicopter due to the rugged topography and lack of trails.

### 1.2 Claim Data

This report describes work performed on claims held by Mishibishu Gold Corporation. The property consists of 260 contiguous mining claims in the Sault Ste. Marie Mining Division. All claims are in good standing. Claims on which work was performed (East Extension Claims), as described in this report, lie within the David Lake Area G-3765 (refer to Map 2).

The geochemical soil survey presented herein was performed on Mishibishu's East Extension Property consisting of 15 unsurveyed mining claims. They are listed as follows:

SSM 1218100 (2 U)	SSM 1218103 (3 U)	SSM 1218105 (4 U)
SSM 1218099 (12 U)	SSM 1218108 (2 U)	SSM 1218107 (8 U)
SSM 991871 (1 U)	SSM 1218106 (6 U)	SSM 1218102 (9 U)
SSM 1218098 (1 U)	SSM 1163974 (6 U)	SSM 1077337 (9 U)
SSM 1077336 (9 U)	SSM 1223482 (3 U)	SSM 1223481 (1 U)

Notes: U      number of claim units, one claim unit is approximately 16 hectares.

### **1.3 Previous Work**

Previous work in the area consisted primarily of reconnaissance geological mapping performed by the Ontario Geological Survey, and exploration programs by Noranda Exploration Co. Ltd, Caribbean Resources Ltd., and Mishibishu Gold Corporation (on adjacent claims to the west) and by Joutel Resources Limited on the Pukaskwa East Extension claims. Results from the OGS programs are published in Bowen et al (1985; 1986a-e). On the East Extension Claims, Joutel (1985, 1987) performed reconnaissance geological mapping and a reconnaissance soil geochemistry along claim lines and a limited number of cut lines. On the adjacent claims, Noranda and Caribbean performed linecutting, soil geochemistry and VLF surveys, prospecting, mapping, and diamond drilling, magnetometer and I.P. surveys between the period of 1984 to 1990. Mishibishu performed diamond drilling on the adjacent claims in 1995 and 1996. It appears as though the Pukaskwa East Extension Claims have never been drilled.

The 'B' horizon soil geochemistry survey performed by Joutel in 1987, covered the south east portion of the Pukaskwa East Extension Claims, at 100 metre line spacings and along a limited number of claim lines throughout the rest of the property. The nature of the survey was preliminary in nature. Several gold and arsenic anomalies appeared to be present but there is no record that the results were ever followed up with further work.

## **2.0 GEOLOGY**

### **2.1 Regional Geology**

The Pukaskwa Gold Property is located in the northwestern portion of the Mishibishu Lake Greenstone Belt in northeastern Ontario. This belt is located in the Wawa Subprovince of the Superior Province of the Canadian Shield and is Archean in age. Detailed descriptions of the regional geology can be referenced in Bowen et al (1985), Heather (1985 and 1986), and Williams et al (1992).

## 2.2 Property Geology

The project area is situated in the northern portion of the Mishibishu Greenstone Belt along the east-west trending Mishibishu Deformation Zone (MDZ), a major gold-associated structure in the region. The deformation zone is characterized by the development of schists, hydrothermal alteration, the emplacement of quartz veins, and the introduction of gold in the last phase of alteration and quartz vein emplacement. Gold is distributed as free gold in quartz or intimately associated with sulphides, specifically pyrite or arsenopyrite. Pervasive alteration includes carbonatization silicification, sulphidization, and the development of micas. The volcanic and sedimentary rock succession in the belt strikes 60 to 120° and dips 40 to 70° north.

The claims located to the west of the East Extension Claims on the Pukaskwa Gold Property have several significant gold bearing zones in bedrock and soils along the Mishibishu Deformation Zone. These zones include the Champagne Vein, Aardvark Trend, VG Trend, and Matthews Trend. The gold in these zones is hosted in narrow, mineralized quartz veins within a package of sheared and altered metasediments.

The soil geochemistry sampling program was focused on the Pukaskwa East Extension Grid (refer to Map 2). The only source of geological information for the East Extension Claims is based on reconnaissance geological mapping of the Pukaskwa East Extension claims by Joutel (1985) and regional geological maps. This information indicated that the rocks on the property strike between 090° and 060° and dip from 60° to 70° to the north. The lithological sequence from south to north is as follows: mixed pyroclastics, felsic to intermediate sediments; argillaceous sediments; sandstones and conglomerates; mixed pyroclastics; and finally granites. This sequence is similar to that observed on the Pukaskwa claims located further to the west. Several northeasterly and northwesterly trending fault structures are thought to cut across the lithologies with unknown displacements. The Mishibishu Deformation Zone, present to the east and west, is not readily apparent on the Pukaskwa East Extension claims. It is possible that the structure weakens through this property or perhaps becomes narrower and more focused.

### 3.0 1997 'B'-HORIZON SOIL GOLD GEOCHEMISTRY SURVEY

#### 3.1 Scope of Work

Mishibishu Gold Corporation's 1997 'B'-horizon soil gold geochemistry survey on the Pukaskwa East Extension claims was carried out from October through October, 1997. The area and claim group targeted are shown in Figure 2. The terrain was rugged and three helicopter supported camps were constructed as bases from which to work. The work was further complicated by the Macassa Creek and East Pukaskwa River that cross the property and are difficult to ford.

Specifically, the following work was performed on the targeted areas:

- i. Approximately 60.1 kilometres of line were cut to establish an existing grid over specifically targeted area (refer to Map 2).
- ii. 'B'-horizon soil samples were collected, where possible, along this grid at 25 metre stations. Approximately 1050 soil samples were collected, consisting of 842 regular samples and 208 field duplicate samples (refer to Map 3). Samples were not collected in areas of thin soils with no observable 'B'-horizon, nor in areas of wetland. This constituted large areas of the property.
- iii. The soil samples were submitted for analyses of gold by fire assay with AA finish. Prior to analyses, the soil samples were sieved to -80 mesh. The fine fraction was fire assayed.
- iv. The results were transmitted from the laboratory and imported and plotted in a GIS.

### **3.2 Personnel, Logistics, and Schedule**

The key supervisor of the work was James Millard, Geologist, presently residing at 38 South Point Road, Portuguese Cove, Nova Scotia B3V 1K3. A crew of 10 line cutters and 2 geological technicians were located on-site in three camps located across the grid. Line cutting and soil sampling services were provided by Gibson and Associates from Sault Ste. Marie, Ontario. Helicopter services were provided by Wilderness Helicopters from Wawa, Ontario. X-RAL Laboratories of Don Mills, Ontario performed the gold chemical analyses. A field office was established in Wawa to coordinate field activities and incorporate the field data into the GIS.

Office preparation for the work began between September 15 and 30, 1997. Line cutting and soil sampling activities were performed between October 7 and October 30. Laboratory analyses and data synthesis were performed during December, 1997. The final report was drafted and written by James Millard in Halifax during November, 1998.

### **3.3 'B'-Horizon Sampling and Analytical Methodology**

Soil sampling was carried out over newly cut grid lines. Included in the sampling grid were baselines and tie lines. The soil survey sampled the 'B'-horizon in the soil strata, where found. Soils were collected from this horizon which was found at average depths beneath the surface between 15 and 18 centimetres.

Sample stations were examined at 25 metre intervals, along cut lines, with line spacings at 200 metres. Samples were taken to fill a small envelope with a minimum of 200 grams, in a 5 metre radius around the 25 metre pickets. The surface of the sample sites were cleared of any debris by hand, foot, or shovel to prevent contamination while sampling. A Dutch style soil auger was used to extract the required soil horizon from a 2.5 centimetre diameter hole at an average depth of 15 to 18 centimetres. Soils collected were then checked for debris, e.g. sticks, roots, pebbles, etc., which are removed in the field before placed in the sample envelope. Sample locations were then marked in the ground with small pieces of fluorescent flagging tape and noted in a field log.

Soil samples were submitted to X-ral Laboratories for analyses by fire assay (AA finish). Prior to



analyses, the soil samples were dried, sieved to -80 mesh, and the fine fraction was analyzed using standard fire assay techniques.

#### 4.0 'B'-HORIZON SOIL GEOCHEMISTRY RESULTS

The 'B'-horizon gold soil geochemistry sample locations are presented in Map 3, and results are presented in Map 4. Due to rocky and swampy terrain, 'B'-horizon soil samples were not collected from many locations. The results of individual samples ranged from <1 to 44 ppb. The sample mean was approximately 3 ppb and the standard deviation was 3 ppb. Six results out of the 842 regular samples collected exhibited values greater than 15 ppb. Several areas weakly anomalous in gold were delineated that appear to trend generally concordant or at low angles with the assumed trend of the geology of the area. The analytical and field duplicates indicated an acceptable level of quality assurance and quality control. The method detection limit was 1 ppb. Refer to Appendix A for the laboratory analytical certificates that also include the results of the field and laboratory duplicates.

There are a number of weak geochemical gold soil anomalies in the map area.. Map 5 presents the interpreted locations for these anomalies. Values were considered anomalous if they were 10 ppb or greater (only 26 soil samples out of the total collected exhibited values greater or equal to 10 ppb). The data are plotted on Map 5 according to several classes: 7 to 10 ppb, 10 to 15 ppb, and 15 ppb or greater. There are several weakly to moderately pronounced trends, identified as anomalies 'A' through 'F' that are observable in the plotted data. These anomalous trends generally extend or may extend across two or more cut lines. The trends of these anomalies are roughly concordant or at low angles with what is thought to be the general lithological and structural trend of the property geology. Directional orientation of trends are presented relative to astronomic north.

Anomaly 'A' - There are two anomalies in this area. The north anomaly is a one-line anomaly on line 46+00W at 17+00N with gold at greater than 15 ppb. There is sparse soil data on the next line (44+00W) to the east. The south anomaly is northeasterly trending four-line anomaly extending between lines 46+00W and 39+00E at about 15+00N. These anomalies may be related to known gold occurrences in bedrock to the west, on the adjacent claims.

Anomaly 'B' - These are three northeasterly to easterly trending two to three-line anomalies extending between lines 20+00W and 24+00W at 13+00N. These trends appear to coincide with one of the geochemical anomalies delineated by Joutel in 1987. The gold concentrations reported for these anomalies are less than 15 ppb.

Anomaly 'C' - This is a single line anomaly on line 24+00W at 5+50N with gold concentration greater than 15 ppm. There is sparse soil data on the adjacent lines to the east and west.

Anomaly 'D' - This is a possible 3-line anomaly located between lines 14+00W and 18+00W at about 3+00 N at an easterly to northeasterly direction with reported gold concentrations less than 10 ppb. The anomaly trend was not observed on Line 16+00W because of sparse data.

Anomaly 'E' - This is a 2-line anomaly that extends between lines 14+00W and 16+00W at about 4+00S in an easterly direction. Concentrations are reported ranging greater than 15 ppb.

Anomaly 'F' - These are three 1 to 3-line anomalies located between lines 4+00W and 10+00W from BaseLine 0 to 5+00 south. Gold concentrations range greater than 15 ppb at two localities. Trends range from easterly to northeasterly. These trends appear to coincide with one of the gold and arsenic geochemical anomalies delineated by Joutel in 1987.

## 5.0 RECOMMENDATIONS

- 1) Anomalous trends 'A' through 'F' should be investigated utilizing bedrock prospecting and geological mapping techniques.
- 2) Based on the results of the above activities, the suitability of 'B'-horizon soil sampling for locating gold-bearing zones in bedrock should be evaluated for the Pukaskwa East Extension Claims.
- 3) Additional soil samples should be collected between existing lines at closer stations where there is significant thickness of soil and more information is needed or observations warrant.
- 4) The feasibility and economics of mobilizing tire or track mounted excavating equipment to the area should be evaluated. Drilling may be a more efficient and cost effective method for sub-surface evaluation due to poor access and rough terrain..

MGI Limited

 Dec 1 / 98

J. E. Millard, M.Sc.

Project Manager

**REFERENCES**

Bennet, Gerald and Thurston, P.C.

1977: Geology of the Pukaskwa River-University River Area, District of Algoma and Thunder Bay, Ontario Division of Mines Geoscience Report 153.

Bowen, R.P. and Logothetis, J.

1985: Mishibishu Lake Area, Districts of Algoma and Thunder Bay; pp.78-82 in Summary of Field Work 1985, Ontario Geological Survey, edited by John Wood, Owen L. White, R.B. Barlow, A.C. Colvine, Ontario Geological Survey, Miscellaneous Paper 126, 351p.

Bowen, R.P., Logothetis, J. and Heather, K.B.

1986a: Precambrian Geology of the Mishibishu Lake Area. Northwestern Section, Districts of Thunder Bay and Algoma; Ontario Geological Survey, Map P.2968, Geological Series-Preliminary Map, scale 1:15 840 or 1 inch to 1/4 mile.

1986b: Precambrian Geology of the Mishibishu Lake Area, North-Central Section, Districts of Thunder Bay and Algoma; Ontario Geological Survey, Map P.2969, Geological Series-Preliminary Map, scale 1:15 840 or 1 inch to 1/4 mile.

1986c: Precambrian Geology of the Mishibishu Lake Area, Northeastern Section, Districts of Thunder Bay and Algoma; Ontario Geological Survey, Map P.2970, Geological Series-Preliminary Map, scale 1:15 840 or 1 inch to 1/4 mile.

1986d: Precambrian Geology of the Mishibishu Lake Area, South-Central Section, Districts of Thunder Bay and Algoma; Ontario Geological Survey, Map P.2971, Geological Series-Preliminary Map, scale 1:15 840 or 1 inch to 1/4 mile.

1986e: Precambrian Geology of the Mishibishu Lake Area, Southeastern Section, Districts of Thunder Bay and Algoma; Ontario Geological Survey, Map P.2972, Geological Series-Preliminary Map, scale 1:15 840 or 1 inch to 1/4 mile.

Bowen, R.P.

1986: Mishibishu Lake Area, Districts of Algoma and Thunder Bay; pp.107-100 in Summary of Field Work 1986, Ontario Geological Survey, edited by P.C. Thurston, Owen L. White, R.B. Barlow, M.E. Cherry, and A.C. Colvine, Ontario Geological Survey, Miscellaneous Paper 132, 435p.

Caribbean Resources Ltd

1986 to 1988: Various reports submitted for Pukaskwa Gold Property including geophysical, trenching, and geological mapping activities.

Heather, K.B.

1985: Gold Showings of the Mishibishu Lake Area, Thunder Bay District; pp.83-89 in Summary of Field Work 1985, Ontario Geological Survey, edited by John Wood, Owen L. White, R.B. Barlow and A.C. Colvine, Ontario Geological Survey, Miscellaneous Paper 126, 251p.

1986: Mineralization of the Mishibishu Lake Greenstone Belt; p.283-291 in Summary of Field Work 1986, Ontario Geological Survey, edited by P.C. Thurston, Owen L. White, R.B. Barlow, M.E. Cherry, and A.C. Colvine, Ontario Geological Survey, Miscellaneous Paper 132, 435p.

Heather, K.B.

1985: Gold Showings of the Mishibishu Lake Area, Thunder Bay District; pp.83-89 in Summary of Field Work 1985, Ontario Geological Survey, edited by John Wood, Owen L. White, R.B. Barlow and A.C. Colvine, Ontario Geological Survey, Miscellaneous Paper 126, 251 p.

1986: Mineralization of the Mishibishu Lake Greenstone Belt; p.283-291 in Summary of Field Work, 1986, Ontario Geological Survey, edited by P.C. Thurston, Owen L. White, R.B. Barlow, M.E. Cherry and A.C. Colvine, Ontario Geological Survey Miscellaneous Paper 132, 435 p.

Heather, K.B. and Sage, R.P.

1991: The Structure, Stratigraphy and Mineral Deposits of the Wawa Area, Field Trip A6: Guide Book, Ontario Geological Society.

**Joutel Resources Limited**

- 1985: **Geology and Traverse Map and Report for the Macassa Creek Property, David Lakes Area, Ontario.**  
MNDM assessment file 42C/04SE-0017.
- 1988: **Geochemical Survey of the Macassa Creek Property, David Lakes Area, Ontario.** MNDM  
assessment file 1.11201.

**Noranda Exploration Co. Ltd.**

- 1987 to 1990: **Various reports submitted for Pukaskwa Gold Property including geophysical, trenching,  
geological mapping and drilling activities.**

**Reid, R.G. and Reilly, B.A.**

- 1987: **Mishibishu Lake Area, District of Algoma and Thunder Bay; pp.138-145 in Summary of Field Work  
1987, Ontario Geological Society Miscellaneous Paper 137.**

**STATEMENT OF QUALIFICATIONS**

I, James E. Millard, of the Regional Municipality of Halifax in the Province of Nova Scotia do certify that:

1. I am a consulting geologist employed by MGI Limited, Dartmouth, Nova Scotia, and contracted by Mishibishu Gold Corporation, 555 West Hastings St., Ste 700, Vancouver, British Columbia.
2. I graduated with a Bachelor of Science (Honours) Degree in the Geological Sciences (1986) from Brock University and a Master of Science Degree in Environmental Engineering (1995) from Queen's University.
3. I have provided my services as a geologist continuously since 1985, working for various companies that were engaged in mineral exploration or environmental geoscience activities.
4. I have been engaged intermittently as an consulting geologist since 1990.

Dated at Dartmouth, Nova Scotia, this 30<sup>th</sup> day of November, 1998.

A handwritten signature in black ink, appearing to read 'J.E. Millard', with a long horizontal flourish extending to the right.

James E. Millard

**APPENDIX A**  
**LABORATORY ANALYTICAL CERTIFICATES**





**XRAL Laboratories**  
A Division of SGS Canada Inc.

1885 Leslie Street  
Don Mills, Ontario  
Canada M3B 3J4  
Telephone (416) 445-5755

Fax (416) 445-4152

# CERTIFICATE OF ANALYSIS

**Work Order: 018823**

To: **Mishibishu Gold Corp**  
Attn: **Jim Millard**  
16 Broadway-Upstairs  
P.O. BOX 87  
WAWA  
ONTARIO, POS 1K0

Date : 17/12/97

Copy 1 to :

Copy 2 to :

P.O. No. :  
Project No. :  
No. of Samples : 142 SOIL  
Date Submitted : 03/12/97  
Report Comprises : Cover Sheet plus  
Pages 1 to 4

**Distribution of unused material:**

**Pulps:** STORE  
**Rejects:** STORE

**Certified By** :

\_\_\_\_\_  
**Dr. Hugh de Souza, General Manager**  
**XRAL Laboratories**

---

**Report Footer:**      L.N.R.      = Listed not received      I.S.      = Insufficient Sample  
                         n.a.            = Not applicable                                -            = No result  
                         \*INF        = Composition of this sample makes detection impossible by this method  
                         *M* after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

 **Member of the SGS Group (Société Générale de Surveillance)**



**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order:** 018823

**Date:** 17/12/97

**FINAL**

Page 1 of 4

Element.	Au
Method.	FA30/1
Det. Lim.	1
Units.	ppb
L16W 900N	2
L16W 850N	5
L16W 825N	<1
L16W 750N	1
L16W 575N	<1
L16W 525N	2
L16W 500N	<1
L16W 450N	4
L16W 425N	2
L16W 400N	24
L16W 375N	13
L16W 350N	1
L16W 325N	7
L16W 300N	<1
L16W 225N	<1
L16W 200N	10
L16W 150N	5
L16W 125N	3
L16W 100N	5
L16W 25N	10
L16W 0	<1
L14W 800N	4
L14W 675N	5
L14W 650N	5
L14W 375N	2
L14W 300N	2
L14W 275N	5
L12W 575N	3
L12W 425N	10
L12W 400N	4
L12W 375N	2
L12W 175N	2
L12W 150N	1
L10W 125N	1
L10W 100N	<1
L10W 75N	2
L10W 0	2
L10W 50S	6
L10W 200S	1
L10W 225S	<1
L10W 250S	<1
L10W 425S	<1
L10W 500S	<1
L10W 650S	<1
L10W 675S	2



**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order:** 018823

**Date:** 17/12/97

**FINAL**

Page 2 of 4

Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb
L8W 275N	2
L8W 225N	<1
L8W 50N	1
L8W 0	<1
L8W 25S	1
L8W 75S	2
L8W 100S	<1
L8W 150S	<1
L8W 350S	<1
L8W 375S	<1
L8W 475S	2
L8W 550S	<1
L8W 575S	<1
L8W 600S	<1
L8W 700S	<1
L8W 725S	3
L8W 800S	3
L8W 825S	2
L8W 850S	3
L8W 875S	3
L8W 900S	<1
L6W 50S	<1
L6W 125S	2
L6W 300S	4
L6W 150N	4
L6W 75N	2
L4W 500S	1
L4W 825S	1
TL100S 325W	3
BLD 1625W	2
BLD 1600W	6
BLD 1575W	3
BLD 1550W	2
BLD 1525W	4
BLD 1500W	3
BLD 1475W	8
BLD 1450W	2
BLD 1425W	<1
BLD 1325W	1
BLD 1300W	1
BLD 1275W	1
BLD 1200W	<1
BLD 1175W	4
BLD 1150W	7
BLD 1125W	6



**XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018823

Date: 17/12/97

FINAL

Page 3 of 4

Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb
BLD 1075W	4
BLD 1025W	5
BLD 1000W	4
BLD 950W	<1
BLD 925W	3
BLD 875W	5
BLD 850W	1
BLD 825W	7
BLD 800W	2
BLD 775W	2
BLD 750W	7
BLD 725W	5
BLD 600W	8
BLD 550W	10
BLD 500W	9
BLD 475W	6
BLD 450W	5
BLD 425W	5
BLD 1625WD	5
BLD 1600WD	4
BLD 1575WD	2
BLD 1550WD	9
BLD 1525WD	4
BLD 1500WD	1
BLD 1475WD	5
BLD 1450WD	11
BLD 1425WD	11
BLD 1325WD	4
BLD 1300WD	4
BLD 1275WD	1
BLD 1200WD	<1
BLD 1175WD	<1
BLD 1150WD	13
BLD 1125WD	<1
BLD 1075WD	4
BLD 1025WD	9
BLD 1000WD	<1
BLD 950WD	<1
BLD 925WD	<1
BLD 875WD	<1
BLD 850WD	<1
BLD 825WD	<1
BLD 800WD	<1
BLD 775WD	<1
BLD 750WD	<1



**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order: 018823**

**Date: 17/12/97**

**FINAL**

Page 4 of 4

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
BLD 725WD	2
BLD 600WD	<1
BLD 550WD	<1
BLD 500WD	<1
BLD 475WD	8
BLD 450WD	4
BLD 425WD	6
*Dup L16W 900N	3
*Dup L16W 325N	6
*Dup L14W 375N	2
*Dup L10W 0	1
*Dup L8W 0	2
*Dup L8W 725S	2
*Dup L4W 825S	2
*Dup BLD 1300W	2
*Dup BLD 850W	1
*Dup BLO 1625WD	4
*Dup BLO 1200WD	<1
*Dup BLD 800WD	<1



**XRAL Laboratories**  
A Division of SGS Canada Inc.

1885 Leslie Street  
Don Mills, Ontario  
Canada M3B 3J4  
Telephone (416) 445-5755  
Fax (416) 445-4152

**CERTIFICATE OF ANALYSIS**

**Work Order: 018822**

**To: Mishibishu Gold Corp**  
**Attn: Jim Millard**  
16 Broadway-Upstairs  
P.O. BOX 87  
WAWA  
ONTARIO, POS 1K0

**Date : 16/12/97**

**Copy 1 to :**

**Copy 2 to :**

**P.O. No. :**  
**Project No. :** MISHIBISHU M1  
**No. of Samples :** 97 SOIL  
**Date Submitted :** 03/12/97  
**Report Comprises :** Cover Sheet plus  
Pages 1 to 3

**Distribution of unused material:**

**Pulps:** Pulps - no instructions  
**Rejects:** Rejects - no instructions

**Certified By :** \_\_\_\_\_  
Dr. Hugh de Souza, General Manager  
XRAL Laboratories

**Report Footer:** L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

**SGS** Member of the SGS Group (Société Générale de Surveillance)



**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order:** 018822

**Date:** 16/12/97

**FINAL**

Page 1 of 3

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L42W 1900N	2
L42W 1600N	4
L42W 1475N	5
L42W 1425N	2
L42W 1150N	5
L42W 1125N	4
L38W 2675N	3
L38W 2600N	7
L38W 2300N	3
L38W 2250N	1
L38W 2225N	2
L38W 2175N	3
L38W 2075N	1
L38W 2025N	1
L34W 1725N	2
L34W 1600N	4
L30W 1650N	7
L28W 2100N	3
L28W 2025N	3
L28W 2000N	2
L28W 1950N	2
L28W 1900N	5
L28W 1150N	1
L28W 1100N	9
L28W 875N	5
L28W 750N	2
L26W 2400N	4
L26W 2150N	2
L26W 2125N	4
L26W 1500N	3
L26W 1050N	1
L26W 975N	2
L26W 825N	3
L26W 650N	3
L26W 350N	2
L26W 275N	1
L26W 250N	2
L26W 225N	5
L24W 1600N	6
L24W 1500N	9
L24W 1450N	5
L24W 1375N	9
L24W 1275N	3
L24W 1200N	9
L24W 1175N	8

Member of the SGS Group (Société Générale de Surveillance)





**XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018822

Date: 16/12/97

FINAL

Page 2 of 3

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L24W 1025N	9
L24W 1000N	6
L24W 975N	5
L24W 875N	5
L24W 850N	8
L24W 725N	7
L24W 650N	5
L24W 550N	18
L24W 525N	4
L24W 500N	6
L24W 400N	8
L22W 1725N	5
L22W 1675N	3
L22W 1625N	3
L22W 1425N	5
L22W 1375N	7
L22W 1325N	4
L22W 1200N	2
L22W 975N	3
L22W 900N	2
TL2100ND 3575W	4
TL2100ND 3450W	4
TL2100ND 3100W	4
TL2100ND 2950W	2
TL2100ND 2875W	4
TL2100ND 2825W	3
TL2100ND 2800W	2
TL2100ND 2550W	<1
TL2100ND 2500W	2
TL2100ND 2475W	5
TL2100ND 2400W	2
TL2100ND 2325W	1
TL2100ND 2200W	1
TL2100N 3575W	1
TL2100N 3475W	2
TL2100N 3225W	1
TL2100N 3100W	2
TL2100N 2975W	2
TL2100N 2850W	<1
TL2100N 2825W	2
TL2100N 2800W	7
TL2100N 2625W	7
TL2100N 2500W	4
TL2100N 2475W	3
TL2100N 2450W	3



**XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018822

Date: 16/12/97

FINAL

Page 3 of 3

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
TL2100N 2425W	4
TL2100N 2400W	3
TL2100N 2375W	3
TL2100N 2350W	3
TL2100N 2325W	1
TL2100N 2275W	4
TL1300ND 2800W	<1
*Dup L42W 1900N	<1
*Dup L38W 2075N	<1
*Dup L28W 875N	4
*Dup L26W 250N	1
*Dup L24W 875N	6
*Dup L22W 1375N	7
*Dup TL2100ND 2550W	4
*Dup TL2100N 2825W	1
*Dup TL1300ND 2800W	<1



**XRAL Laboratories**  
A Division of SGS Canada Inc.

1885 Leslie Street  
Don Mills, Ontario  
Canada M3B 3J4  
Telephone (416) 445-5755  
Fax (416) 445-4152

**CERTIFICATE OF ANALYSIS**

Work Order: 018821

To: **Mishibishu Gold Corp**  
Attn: **Jim Millard**  
16 Broadway-Upstairs  
P.O. BOX 87  
WAWA  
ONTARIO, POS 1K0

Date : 16/12/97

Copy 1 to :  
Copy 2 to :  
P.O. No. :  
Project No. :  
No. of Samples : 100 SOIL  
Date Submitted : 03/12/97  
Report Comprises : Cover Sheet plus  
Pages 1 to 3

**Distribution of unused material:**

Pulps: STORE  
Rejects: STORE

Certified By : \_\_\_\_\_  
Dr. Hugh de Souza, General Manager  
XRAL Laboratories

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

**XRAL****XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018821

Date: 16/12/97

FINAL

Page 1 of 3

Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb
L14W 750N	2
L14W 725N	<1
L14W 250N	<1
L14W 200N	3
L14W 175N	8
L14W 150N	<1
L14W 125N	1
L14W 50N	<1
L14W 25S	3
L14W 75S	<1
L14W 100S	<1
L12W 500N	1
L12W 325N	<1
L12W 300N	<1
L12W 275N	<1
L12W 250N	<1
L12W 200N	4
L12W 125N	<1
L12W 75N	<1
L12W 0	<1
L12W 25S	<1
L12W 75S	<1
L12W 150S	3
L12W 175S	2
L10W 300N	7
L10W 25N	2
L10W 25S	12
L10W 75S	4
L10W 150S	4
L10W 400S	<1
L10W 450S	4
L10W 475S	2
L10W 700S	3
L8W 150N	7
L8W 125N	4
L8W 100N	3
L8W 75N	4
L8W 25N	2
L6W 125N	3
L6W 100N	9
L6W 50N	5
L6W 25N	7
L6W 0	5
L6W 150S	<1
L6W 500S	15

**XRAL****XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018821

Date: 16/12/97

FINAL

Page 2 of 3

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L6W 550S	3
L6W 575S	3
L6W 600S	2
L6W 775S	1
L4W 25N	4
L4W 75S	3
L4W 150S	15
L4W 175S	9
L4W 200S	2
L4W 225S	3
L4W 250S	<1
L4W 275S	3
L4W 300S	4
L4W 325S	2
L4W 350S	2
L4W 375S	1
L4W 400S	3
L4W 450S	3
L4W 475S	<1
L4W 525S	3
L4W 550S	7
L4W 575S	4
L4W 625S	5
L4W 750S	3
L4W 775S	1
L4W 850S	4
L4W 875S	13
L4W 925S	8
L4W 975S	6
L2W 100S	5
L2W 125S	5
L2W 150S	5
L2W 175S	4
L2W 200S	2
L2W 225S	4
L2W 250S	3
L2W 275S	1
L2W 300S	1
L2W 325S	1
L2W 350S	5
L2W 375S	<1
L2W 400S	1
L2W 425S	<1
L2W 450S	<1
L2W 525S	<1





**XRAL Laboratories**  
A Division of SGS Canada Inc.

1885 Leslie Street  
Don Mills, Ontario  
Canada M3B 3J4  
Telephone (416) 445-5755  
Fax (416) 445-4152

## CERTIFICATE OF ANALYSIS

Work Order: 018820

To: **Mishibishu Gold Corp**  
Attn: **Jim Millard**  
16 Broadway-Upstairs  
P.O. BOX 87  
WAWA  
ONTARIO, P0S 1K0

Date : 16/12/97

Copy 1 to :  
Copy 2 to :  
P.O. No. :  
Project No. :  
No. of Samples : 82 SOIL  
Date Submitted : 03/12/97  
Report Comprises : Cover Sheet plus  
Pages 1 to 2

**Distribution of unused material:**

Pulps: STORE  
Rejects: STORE

Certified By : \_\_\_\_\_  
Dr. Hugh de Souza, General Manager  
XRAL Laboratories

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable - = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Member of the SGS Group (Société Générale de Surveillance)



**XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018820

Date: 16/12/97

FINAL

Page 1 of 2

Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb
L46W 1600N	4
L46W 1575N	1
L46W.1375N	4
L46W 1125N	5
L46W 1075N	4
L46W 900N	3
L46W 875N	3
L46W 850N	<1
L46W 800N	1
L46W 775N	3
L46W 575N	<1
L46W 300N	<1
L46W 125N	3
L46W 50N	1
L46W 25N	3
L44W 2025N	1
L44W 2000N	2
L44W 1900N	3
L44W 1750N	2
L44W 1850N	5
L44W 1800N	5
L44W 1700N	2
L44W 1550N	3
L44W 1050N	4
L44W 1025N	2
L44W 950N	3
L44W 850N	2
L44W 800N	4
L44W 750N	2
L44W 50N	3
L44W 0	2
L34W 100S	<1
L34W 150S	1
L34W 200S	3
L34W 225S	3
L34W 275S	4
L34W 325S	2
L34W 350S	4
L34W 400S	1
L34W 425S	2
L34W 450S	4
L34W 475S	3
L34W 500S	2
L34W 575S	4
L34W 600S	3





**XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018820

Date: 16/12/97

FINAL

Page 2 of 2

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L34W 625S	8
L34W 700S	9
L32W 1325N	4
L30W 900N	2
L30W 650N	<1
L30W 500N	3
L30W 450N	7
L30W 250N	4
L30W 175N	2
L30W 25N	1
L30W 75S	3
L30W 200S	5
L30W 250S	2
L30W 275S	1
L28W 0	1
L28W 100S	2
L28W 125S	2
L28W 175S	2
L26W 100N	<1
L26W 75N	<1
L26W 25N	3
L26W 75S	2
L24W 100N	2
L24W 0	5
L24W 575N	1
L24W 400N	3
L24W 300N	3
L24W 225N	1
L22W 200N	5
L22W 50N	3
L22W 25N	5
L22W 25N*A*	<1
L20W 75S	5
L20W 100S	4
L20W 125S	22
L20W 150S	2
L20W 175S	2
*Dup L46W 1600N	3
*Dup L46W 125N	3
*Dup L44W 1025N	3
*Dup L34W 325S	3
*Dup L30W 900N	3
*Dup L28W 100S	1
*Dup L24W 225N	3



**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order: 018819**

**Date: 16/12/97**

**FINAL**

Page 1 of 3

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L50W 750N	7
L50W 325N	6
L50W 125N	4
L50W 75S	1.
L50W 125S	1
L48W 175N	1
L48W 50S	2
L48W 175S	2
L46W 1900N	5
L46W 1850N	2
L46W 1825N	<1
L46W 1800N	<1
L46W 1775N	2
L46W 1750N	3
L46W 1725N	15
L46W 1675N	12
L46W 1625N	7
L46W 1500N	8
L46W 1475N	12
L46W 1450N	11
L46W 1425N	2
L46W 975N	2
L46W 125S	7
L44W 1425N	3
L44W 1375N	10
L44W 1350N	2
L44W 1200N	1
L44W 1150N	2
L44W 725N	2
L44W 600N	1
L44W 225N	2
L44W 200N	2
L44W 150N	<1
L44W 125N	<1
L44W 100N	<1
L44W 75N	<1
L36W 1475N	<1
L36W 1375N	4
L36W 1300N	<1
L36W 1250N	1
L36W 1175N	<1
L36W 1150N	<1
L36W 1125N	<1
L36W 1075N	<1
L36W 1025N	6

**XRAL****XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018819

Date: 16/12/97

FINAL

Page 2 of 3

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L36W 975N	6
L36W 950N	4
L36W 925N	4
L36W 900N	3
L36W 875N	<1
L36W 850N	2
L36W 825N	2
L36W 750N	1
L32W 1825N	1
L32W 1800N	1
L32W 1500N	<1
L32W 1275N	3
L32W 1075N	3
L32W 1025N	2
L32W 850N	1
L32W 575N	<1
L32W 500N	10
L30W 925N	<1
L30W 875N	<1
L30W 850N	<1
L30W 800N	<1
L30W 750N	<1
L30W 675N	<1
L30W 600N	<1
L30W 300N	<1
L20W 1725N	<1
L20W 1325N	<1
L20W 1300N	<1
L20W 1250N	1
L20W 1175N	5
L20W 10750N	9
L20W 650N	2
L20W 625N	<1
L20W 550N	2
L20W 350N	2
L18W 1725W	<1
L18W 800N	<1
L18W 650N	4
L18W 525N	2
L18W 350N	10
L18W 325N	11
L18W 250N	4
L18W 125N	10
L18W 100N	8
L18W 75N	2



**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order:** 018819

**Date:** 16/12/97

**FINAL**

Page 3 of 3

<b>Element.</b>	Au
<b>Method.</b>	FA30/1
<b>Det.Lim.</b>	1
<b>Units.</b>	ppb
*Dup L50W 750N	4
*Dup L46W 1775N	2
*Dup L44W 1375N	12
*Dup L36W 1475N	1
*Dup L36W 900N	1
*Dup L32W 575N	<1
*Dup L20W 1300N	<1
*Dup L18W 350N	8



**XRAL Laboratories**  
A Division of SGS Canada Inc.

1885 Leslie Street  
Don Mills, Ontario  
Canada M3B 3J4  
Telephone (416) 445-5755  
Fax (416) 445-4152

**CERTIFICATE OF ANALYSIS**

**Work Order: 018818**

**To:** **Mishibishu Gold Corp**  
**Attn:** **Jim Millard**  
16 Broadway-Upstairs  
P.O. BOX 87  
WAWA  
ONTARIO, POS 1K0

**Date :** 16/12/97

**Copy 1 to :**

**Copy 2 to :**

**P.O. No. :**  
**Project No. :** MISHIBISHU M1  
**No. of Samples :** 60 SOIL  
**Date Submitted :** 03/12/97  
**Report Comprises :** Cover Sheet plus  
Pages 1 to 2

**Distribution of unused material:**

**Pulps:** Pulps - no instructions  
**Rejects:** Rejects - no instructions

**Certified By :** \_\_\_\_\_  
Dr. Hugh de Souza, General Manager  
XRAL Laboratories

**Report Footer:** L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable - = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Member of the SGS Group (Société Générale de Surveillance)



**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order:** 018818

**Date:** 16/12/97

**FINAL**

Page 1 of 2

Element. Method. Det.Lim. Units.	Au FA30/1 1 ppb
L40W 1825N	2
L40W 1700N	4
L40W 1400N	3
L40W 1375N	5
L40W 1350N	6
L40W 1325N	4
L40W 1300N	1
L40W 1275N	3
L40W 1225N	3
L40W 1200N	8
L40W 1150N	10
L40W 1125N	3
L38W 2725N	4
L38W 2625N	3
L38W 1600N	2
L38W 1550N	11
L38W 1225N	3
L38W 1000N	2
L38W 950N	5
L38W 925N	4
L34W 1750N	<1
L34W 1000N	5
L34W 875N	3
L34W 850N	3
L34W 800N	2
L34W 775N	3
L34W 650N	4
L34W 625N	2
L30W 1750N	<1
L30W 1725N	<1
L30W 1700N	<1
L30W 1500N	2
L30W 1475N	1
L30W 1450N	5
L30W 1425N	2
L30W 1375N	2
L30W 1350N	4
L30W 1300N	3
L30W 1275N	2
L30W 1250N	2
L28W 1675N	11
L28W 1650N	6
L28W 1625N	3
L28W 1500N	2
L28W 1450N	7



**XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018818

Date: 16/12/97

FINAL

Page 2 of 2

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L28W 1350N	5
L28W 1325N	1
L28W 1300N	4
TL2100ND 3500W	<1
TL2100ND 2375W	4
TL1000ND 3800W	<1
TL1000ND 3750W	<1
TL1000ND 3700W	4
TL1000ND 3675W	3
TL1000ND 3650W	2
TL1000N 3800W	1
TL1000N 3750W	1
TL1000N 3700W	8
TL1000N 3675W	2
TL1000N 3650W	4
*Dup L40W 1825N	2
*Dup L38W 2725N	2
*Dup L34W 800N	1
*Dup L30W 1350N	4
*Dup TL2100ND 3500W	2



**XRAL Laboratories**  
A Division of SGS Canada Inc.

1885 Leslie Street  
Don Mills, Ontario  
Canada M3B 3J4  
Telephone (416) 445-5755  
Fax (416) 445-4152

### CERTIFICATE OF ANALYSIS

Work Order: 018817

To: **Mishibishu Gold Corp**  
Attn: **Jim Millard**  
16 Broadway-Upstairs  
P.O. BOX 87  
WAWA  
ONTARIO, P0S 1K0

Date : 16/12/97

Copy 1 to :  
Copy 2 to :  
P.O. No. :  
Project No. :  
No. of Samples : 87 SOIL  
Date Submitted : 03/12/97  
Report Comprises : Cover Sheet plus  
Pages 1 to 3

Distribution of unused material:  
Pulps: STORE  
Rejects: STORE

Certified By : \_\_\_\_\_  
Dr. Hugh de Souza, General Manager  
XRAL Laboratories

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion



**XRAL****XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018817

Date: 16/12/97

FINAL

Page 1 of 3

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L42W 1875N	2
L42W 1825N	1
L42W 1800N	3
L42W 1775N	3
L42W 1725N	2
L42W 1550N	1
L42W 1400N	2
L42W 1350N	<1
L42W 1300N	<1
L42W 1275N	11
L42W 1250N	<1
L42W 1225N	<1
L42W 1175N	<1
L42W 1100N	1
L42W 1050N	3
L42W 1025N	3
L42W 1000N	1
L42W 925N	1
L42W 825N	2
L42W 675N	<1
L42W 375N	5
L42W 225N	1
L42W 200N	<1
L42W 100N	<1
L40W BL100S	<1
L40W 125S	<1
L40W 150S	<1
L40W 175S	<1
L40W 200S	<1
L40W 250S	6
L40W 275S	<1
L40W 350S	<1
L40W 375S	<1
L34W 125S	<1
L34W 175S	<1
L34W 550S	<1
L30W 150N	<1
L30W 100S	<1
L28W 25S	<1
L28W 150S	<1
L28W 225S	<1
L26W 0	<1
L26W 125N	<1
L24W 150N	6
L24W 75N	3



**XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018817

Date: 16/12/97

**FINAL**

Page 2 of 3

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L22W 250N	4
L20W 0	<1
L20W 25N	<1
BL0 3150W	<1
BL0 3125W	<1
BL0 3100W	<1
BL0 3075W	<1
BL0D 3150W	<1
BL0D 3125W	<1
BL0D 3100W	3
BL0D 3075W	1
BL100S 3400W	<1
BL100S 3425W	9
BL100S 3450W	6
BL100S 3500W	3
BL100S 3525W	3
BL100S 3575W	3
BL100S 3600W	2
BL100S 3625W	2
BL100S 3650W	1
BL100S 3700W	1
BL100S 3750W	12
BL100S 3850W	<1
BL100S 3875W	<1
BL100S 3925W	1
BL100S 4000W	<1
BL100SD 3400W	2
BL100SD 3425W	<1
BL100SD 3450W	<1
BL100SD 3500W	<1
BL100SD 3525W	<1
BL100SD 3575W	<1
BL100SD 3600W	<1
BL100SD 3625W	<1
BL100SD 3650W	<1
BL100SD 3700W	<1
BL100SD 3750W	<1
BL100SD 3850W	1
BL100SD 3875W	<1
BL100SD 3925W	3
BL100SD 4000W	2
TL2100N 2800W	7
*Dup L42W 1875N	2
*Dup L42W 1175N	1
*Dup L40W BL100S	<1



**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order:** 018817

**Date:** 16/12/97

**FINAL**

Page 3 of 3

<b>Element.</b>	<b>Au</b>
<b>Method.</b>	<b>FA30/1</b>
<b>Det.Lim.</b>	<b>1</b>
<b>Units.</b>	<b>ppb</b>

*Dup L30W 150N	<1
*Dup BLO 3150W	1
*Dup BL100S 3525W	1
*Dup BL100SD 3425W	1
*Dup BL100SD 3925W	2



**XRAL Laboratories**  
A Division of SGS Canada Inc.

1885 Leslie Street  
Don Mills, Ontario  
Canada M3B 3J4  
Telephone (416) 445-5755  
Fax (416) 445-4152

## CERTIFICATE OF ANALYSIS

**Work Order: 018816**

**To:** **Mishibishu Gold Corp**  
**Attn: Jim Millard**  
16 Broadway-Upstairs  
P.O. BOX 87  
WAWA  
ONTARIO, P0S 1K0

**Date :** 16/12/97

**Copy 1 to :**

**Copy 2 to :**

**P.O. No. :**  
**Project No. :**  
**No. of Samples :** 71 SOIL  
**Date Submitted :** 03/12/97  
**Report Comprises :** Cover Sheet plus  
Pages 1 to 2

**Distribution of unused material:**

**Pulps:** STORE  
**Rejects:** STORE

**Certified By :** \_\_\_\_\_

Dr. Hugh de Souza, General Manager  
XRAL Laboratories

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.s. = Not applicable -- = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Member of the SGS Group (Société Générale de Surveillance)



**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order:** 018816

**Date:** 16/12/97

**FINAL**

Page 1 of 2

Element.	Au
Method.	FA30/1
Det.Lim.	1.
Units.	ppb
L56W 0	<1
L42W 300S	<1
L42W 325S	<1
L42W 350S	<1
L42W 425S	5
L40W 125N	5
L40W 25S	4
L38W 150S	2
L38W 225S	9
L38W 250S	2
L38W 275S	<1
L38W 350S	<1
L38W 400S	<1
L36W 100S	<1
L36W 125S	1
L36W 175S	<1
L36W 225S	<1
L36W 250S	<1
L36W 275S	<1
L36W 350S	5
L36W 400S	<1
L36W 450S	<1
L36W 475S	7
L32W 200S	7
L32W 250S	5
L32W 300N	3
L32W 250N	4
L32W 50N	3
TL250N 3725N	7
TL250N 3650N	1
TL250N 3550N	<1
TL250N 3450N	1
TL250N 3425N	2
TL250N 3300N	1
TL250N 3275N	<1
TL250N 3250N	1
TL250N 3200N	<1
TL250ND 3650W	<1
TL250ND 3550W	2
TL250ND 3450W	5
TL250ND 3275W	9
TL250ND 3250W	5
BL100SD 5500W	7
BL100SD 5400W	2
BL100SD 5325W	1



**XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018816

Date: 16/12/97

FINAL

Page 2 of 2

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
BL100SD 5125W	1
BL100SD 5100W	3
BL100SD 4975W	3
BL100SD 4950W	1
BL100SD 4750W	2
BL100SD 4525W	5
BL100SD 4325W	3
BL100SD 4250W	2
BL100SD 4225W	5
BL100SD 4200W	5
BL100SD 4175W	4
BL100SD 4150W	3
BL100S 5500W	2
BL100S 5400W	2
BL100S 5325W	4
BL100S 5125W	3
BL100S 5100W	1
BL100S 4975W	1
BL100S 4950W	3
BL100S 4525W	6
BL100S 4325W	2
BL100S 4225W	3
BL100S 4200W	3
BL100S 4175W	2
BL100S 4075W	3
BL100S 4050W	4
*Dup L56W 0	<1
*Dup L38W 400S	<1
*Dup L32W 250S	3
*Dup TL250N 3200N	1
*Dup BL100SD 4950W	2
*Dup BL100S 5125W	1

**XRAL****XRAL Laboratories**  
A Division of SGS Canada Inc.1885 Leslie Street  
Don Mills, Ontario  
Canada M3B 3J4  
Telephone (416) 445-5755  
Fax (416) 445-4152**CERTIFICATE OF ANALYSIS****Work Order: 018815****To: Mishibishu Gold Corp**  
**Attn: Jim Millard**  
16 Broadway-Upstairs  
P.O. BOX 87  
WAWA  
ONTARIO, POS 1K0**Date : 10/02/98****Copy 1 to :****Copy 2 to :****P.O. No. :**  
**Project No. :**  
**No. of Samples :** 87 SOIL  
**Date Submitted :** 03/12/97  
**Report Comprises :** Cover Sheet plus  
Pages 1 to 3**Distribution of unused material:****Pulps: STORE**  
**Rejects: STORE****Certified By :**\_\_\_\_\_  
**Dr. Hugh de Souza, General Manager**  
**XRAL Laboratories**

Report Footer:	L.N.R.	= Listed not received	I.S.	= Insufficient Sample
	n.a.	= Not applicable	--	= No result
	*INF	= Composition of this sample makes detection impossible by this method		
	<i>M</i> after a result denotes ppb to ppm conversion, % denotes ppm to % conversion			



**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order:** 018815

**Date:** 10/02/98

**FINAL**

Page 1 of 3

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L54W 75S	2
L54W 100S	<1
L54W 125S	<1
L54W 150S	2
L54W 375N	<1
L54W 125N	1
L54W 100N	2
L54W 75N	2
L54W 50N	<1
L54W 25N	5
L52W 500N	<1
L52W 475N	<1
L52W 425N	<1
L52W 375N	<1
L52W 350N	<1
L52W 325N	<1
L52W 300N	3
L52W 150N	<1
L52W 100N	<1
L52W 125S	<1
L52W 175S	<1
L50W 725N	7
L50W 675N	7
L50W 500N	5
L50W 475N	3
L50W 450N	3
L50W 425N	2
L50W 400N	2
L50W 375N	2
L50W 350N	2
L50W 150N	1
L50W 25S	1
L50W 225S	2
L50W 250S	2
L48W 75S	3
L48W 125S	4
L48W 200S	3
L48W 425N	7
L48W 375N	3
L48W 350N	3
L48W 275N	5
L48W 200N	3
L48W 150N	5
L48W 125N	2
L48W 75N	2





**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order:** 018815

**Date:** 10/02/98

**FINAL**

Page 2 of 3

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L48W 25N	1
L48W 0	5
L46W 175S	3
L46W 200S	2
L46W 225S	1
L46W 275S	2
L46W 300S	1
L46W 325S	3
L46W 350S	9
TL300S 4575W	4
TL300S 4550W	4
TL300S 4525W	3
TL300S 4475W	3
TL300SD 4600W	6
TL300SD 4575W	6
TL300SD 4550W	5
TL300SD 4475W	2
BL100S 5300W	3
BL100S 4875W	3
BL100S 4850W	4
BL100S 4900W	3
BL100S 4575W	1
BL100S 4550W	2
BL100S 4300W	4
BL100S 4275W	<1
BL100S 4250W	3
BL100S 4150W	2
BL100S 4100W	2
BL100S 4025W	4
BL100S 4750W	<1
BL100SD 5300W	<1
BL100SD 4900W	<1
BL100SD 4875W	3
BL100SD 4850W	2
BL100SD 4575W	7
BL100SD 4550W	4
BL100SD 4300W	1
BL100SD 4275W	12
BL100SD 4100W	5
BL100SD 4075W	3
BL100SD 4050W	4
BL100SD 4025W	2
*Dup L54W 75S	3
*Dup L52W 425N	2
*Dup L50W 475N	3



**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order:** 018815      **Date:** 10/02/98

**FINAL**

Page 3 of 3

Element.	An
Method.	FA30/1
Det.Lim.	1
Units.	ppb
*Dup L48W 200S	2
*Dup L46W 200S	3
*Dup TL300SD 4550W	4
*Dup BL100S 4100W	2
*Dup BL100SD 4075W	2



**XRAL Laboratories**  
A Division of SGS Canada Inc.

1885 Leslie Street  
Don Mills, Ontario  
Canada M3B 3J4  
Telephone (416) 445-5755  
Fax (416) 445-4152

## CERTIFICATE OF ANALYSIS

Work Order: 018814

To: **Mishibishu Gold Corp**  
Attn: **Jim Millard**  
16 Broadway-Upstairs  
P.O. BOX 87  
WAWA  
ONTARIO, P0S 1K0

Date : 10/12/97

Copy 1 to :

Copy 2 to :

P.O. No. :  
Project No. : **Mishibishu M1**  
No. of Samples : **84 Soil**  
Date Submitted : **03/12/97**  
Report Comprises : **Cover Sheet plus**  
**Pages 1 to 3**

**Distribution of unused material:**

Pulps: Pulps - no instructions  
Rejects: Rejects - no instructions

Certified By : \_\_\_\_\_  
**Dr. Hugh de Souza, General Manager**  
**XRAL Laboratories**

---

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Member of the SGS Group (Société Générale de Surveillance)





**XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018814

Date: 10/12/97

FINAL

Page 2 of 3

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L22W-1400N	3
L22W-1350N	3
L22W-1300N	4
L22W-1275N	11
L22W-1250N	1
L20W-1700N	3
L20W-1600N	<1
L20W-1375N	3
L20W-1350N	<1
L20W-1325N	4
L20W-1225N	4
L20W-1150N	3
L20W-1100N	2
L20W-600N	2
L20W-400N	1
L20W-225N	6
1850W-BL-00	2
L18W-1625N	3
L18W-1450N	3
L18W-1425N	<1
L18W-1400N	3
L18W-725N	<1
L18W-675N	<1
L18W-550N	1
L18W-400N	<1
L18W-375N	7
4525W-TL-300-SD	<1
3725W-TL-250-ND	<1
3425W-TL-250-ND	1
3375W-TL-250-N	2
3375W-TL-250-ND	1
3350W-TL-250-N	1
3350W-TL-250-ND	2
3350W-TL-250-N	<1
3300W-TL-250-ND	1
3225W-TL-250-N	4
3225W-TL-250-ND	1
3200W-TL-250-ND	3
2625W-TL-1300-ND	7
*Dup L54W-25S	5
*Dup L38W-375N	4
*Dup 2875W-BL-00	2
*Dup L26W-675N	2
*Dup L22W-1275N	11
*Dup L20W-225N	8



**XRAL Laboratories**  
A Division of SGS Canada Inc.

**Work Order:** 018814

**Date:** 10/12/97

**FINAL**

Page 3 of 3

<b>Element.</b>	Au
<b>Method.</b>	FA30/1
<b>Det.Lim.</b>	1
<b>Units.</b>	ppb
<b>*Dup 3725W-TL-250-ND</b>	<1



**XRAL Laboratories**  
A Division of SGS Canada Inc.

1885 Leslie Street  
Don Mills, Ontario  
Canada M3B 3J4  
Telephone (416) 445-5755  
Fax (416) 445-4152

### CERTIFICATE OF ANALYSIS

Work Order: 018813

To: **Mishibishu Gold Corp**  
Attn: **Jim Millard**  
16 Broadway-Upstairs  
P.O. BOX 87  
WAWA  
ONTARIO, POS 1K0

Date : 16/12/97

Copy 1 to :

Copy 2 to :

P.O. No. :  
Project No. : Mishibishu M1  
No. of Samples : 81 Soil  
Date Submitted : 03/12/97  
Report Comprises : Cover Sheet plus  
Pages 1 to 2

**Distribution of unused material:**

**Pulps:** Pulps - no instructions  
**Rejects:** Rejects - no instructions

Certified By : \_\_\_\_\_  
**Dr. Hugh de Souza, General Manager**  
**XRAL Laboratories**

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable - = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion



**XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018813

Date: 16/12/97

FINAL

Page 1 of 2

Element.	Au
Method.	FA30/1
Det.Lim.	1
Units.	ppb
L42W-1625N	4
L42W-1200N	11
L42W-8+00N	11
L42W-775N	<1
L42W-575N	6
L42W-500N	4
L42W-425N	3
L42W-350N	7
L42W-175N	2
L42W-125N	2
L42W-25S	4
L42W-50S	<1
L42W-75S	1
L38W-2650N	3
L38W-2550N	2
L38W-2275N	1
L38W-2200N	2
L38W-2125N	<1
L38W-2050N	<1
L36W-2425N	<1
L36W-2300N	<1
L36W-2275N	<1
L36W-2075N	<1
L34W-2400N	<1
L34W-23+25N	<1
L34W-2225N	<1
L34W-2175N	<1
L32W-20+75N	<1
L32W-1975N	<1
L30W-2400N	<1
L30W-2275N	<1
L30W-2025N	6
L30W-19+50N	4
L30W-1925N	5
L28W-1925N	4
L28W-1875N	4
L26W-2225N	<1
L26W-2075N	2
L26W-2050N	4
L26W-2025N	3
L26W-1925N	2
L24W-2325N	1
L24W-2275N	2
L24W-2250N	1
L24W-2225N	2



**XRAL****XRAL Laboratories**  
A Division of SGS Canada Inc.

Work Order: 018813

Date: 16/12/97

**FINAL**

Page 2 of 2

Element.	Au
Method.	FA30/I
Det. Lim.	1
Units.	ppb
L24W-2200N	<1
L24W-2175N	<1
L24W-2150N	<1
L24W-2125N	<1
L24W-2100N	<1
L24W-2075N	<1
L24W-2050N	<1
L24W-1875N	<1
L24W-1825N	<1
L24W-1800N	<1
L24W-1775N	<1
L22W-2250NA	<1
L22W-2250N	<1
L22W-2225N	<1
L22W-2125N	<1
L22W-2100N	4
L22W-2075N	3
L22W-1900N	2
3500W-TL-2100N	2
3475W-TL-2100ND	<1
3450W-TL-2100N	1
3225W-TL-2100ND	<1
3150W-TL-2100N	1
3150W-TL-2100ND	1
29+75W-TL-2100ND	1.
29+50W-TL-2100N	1
2875W-TL-2100N	<1
2850W-TL-2100ND	<1
2550W-TL-2100N	<1
24+50W-TL-2100ND	<1
2425W-TL-2100ND	6
2350W-TL-2100ND	5
2300W-TL-2100N	2
2300W-TL-2100ND	1
2275W-TL-2100ND	3
2200W-TL-2100N	1
*Dup L42W-1625N	3
*Dup L42W-75S	2
*Dup L34W-23+25N	2
*Dup L26W-2225N	<1
*Dup L24W-2125N	<1
*Dup L22W-2100N	4
*Dup 2850W-TL-2100ND	1



**XRAL Laboratories**  
A Division of SGS Canada Inc.

1885 Leslie Street  
Don Mills, Ontario  
Canada M3B 3J4  
Telephone (416) 445-5755  
Fax (416) 445-4152

**CERTIFICATE OF ANALYSIS**

**Work Order: 018812**

**To: Mishibishu Gold Corp**  
**Attn: Jim Millard**  
16 Broadway-Upstairs  
P.O. BOX 87  
WAWA  
ONTARIO, P0S 1K0

**Date : 16/12/97**

**Copy 1 to :**

**Copy 2 to :**

**P.O. No. :**  
**Project No. :** Mishibishu M1  
**No. of Samples :** 83 Soil  
**Date Submitted :** 03/12/97  
**Report Comprises :** Cover Sheet plus  
Pages 1 to 2

**Distribution of unused material:**  
**Pulps:** Pulps - no instructions  
**Rejects:** Rejects - no instructions

**Certified By :** \_\_\_\_\_  
Dr. Hugh de Souza, General Manager  
XRAL Laboratories

**Report Footer:** L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion







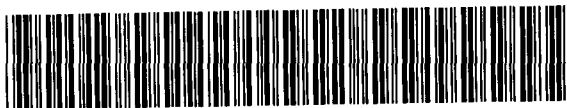
Ministry of Northern Development and Mines

**Declaration of Assessment Work Performed on Mining Land**

Transaction Number (office use)  
 W9850.00787  
 Assessment Files Research Imaging

65(2) and 66(3), R.S.O. 1990

subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the law the assessment work and correspond with the mining land holder. order, Ministry of Northern Development and Mines, 8th Floor.



42C04SE2003 2.19043 DAVID LAKES 900

**2.19043**

**Instructions:** - For work performed on Crown Lands before recording a claim, use form 0240.  
 - Please type or print in ink.

**1. Recorded holder(s) (Attach a list if necessary)**

Name MISHIRISHU GOLD CORPORATION	Client Number 301797
Address 555 WEST HASTINGS ST. STE 800	Telephone Number 604-688-1508
VANCOUVER BC V6B 4N5	Fax Number 604-893-7071
Name	Client Number
Address	Telephone Number
	Fax Number

**2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.**

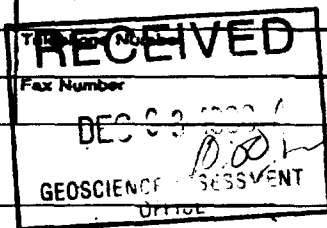
Geotechnical: prospecting, surveys, assays and work under section 18 (regs)       Physical: drilling, stripping, trenching and associated assays       Rehabilitation

Work Type GEOCHEMICAL SURVEY	Office Use
	Commodity
Dates Work Performed From 07 OCT 97 To 30 OCT 97 ✓	Total \$ Value of Work Claimed \$ 86,015
Global Positioning System Data (if available)	NTS Reference
Township/Area DAVID LAKE	Mining Division Sault Ste. Marie
M or G-Plan Number G-3765	Resident Geologist District Sault Ste. Marie

**Please remember to:** - obtain a work permit from the Ministry of Natural Resources as required;  
 - provide proper notice to surface rights holders before starting work;  
 - complete and attach a Statement of Costs, form 0212;  
 - provide a map showing contiguous mining lands that are linked for assigning work;  
 - include two copies of your technical report.

**3. Person or companies who prepared the technical report (Attach a list if necessary)**

Name JAMES MILLARD, MCI LIMITED	Telephone Number 902-468-1248
Address 192 Joseph Zatzman Dr. Suite 14,	Fax Number 902-468-2207
DARTMOUTH, NS B3B 1N4	Telephone Number
Name	Fax Number
Address	



**4. Certification by Recorded Holder or Agent**

I, JAMES MILLARD (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>J. Millard</i>	Date Nov. 30/98
Agent's Address 38 SOUTH POINT ROAD, PORTUGUESE COVE	Telephone Number 902-868-2188
NS B3V 1K3	Fax Number Same

0241 (02/98)

Seemed March 03/1999

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

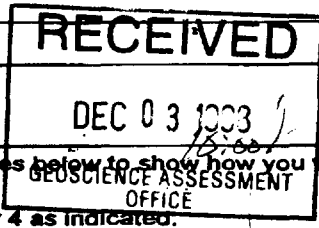
W9850.00187

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 1218100 •	2	2626.	800		1826
2 1218099 •	12	13,338.	4800	400	8138
3 991871 •	1	2412.	400		2012
4 1218098 •	1	2219	400		1819
5 1077336 •	9	8610	3600		5010
6 1218103 •	3	4098	1200		2898
7 1218108 •	2	2906	800		2106
8 1218106 •	6	5280.	2400		2880
9 1163974 •	6	6446.	2400		4046
10 1223482 •	3	3030.	1200		1830
11 1218105 •	4	5130	1600		3530
12 1218107 •	8	8040	3200		4840
13 1218102 •	9	9456	3600		5856
14 1077337 •	9	9826	3600		6226
15 1223481 •	1	2598	400		2198
<b>Column Totals</b>		86,015	30400		55215

2.19043

I, JAMES MILLARD (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: J. Millard Date: Nov 30/98



6. Instruction for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

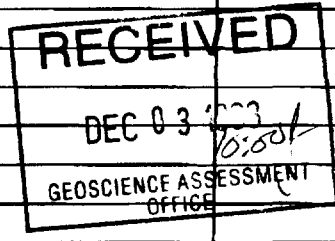
Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9850.00154

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 1174331	1	0	400	0	0
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
<b>Column Totals</b>		86,015	30,800	400	55,215

2.19043



I, JAMES MILLARD (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

over

Signature of Recorded Holder or Agent Authorized in Writing: J. Millard Date: Dec 30/98

6. Instruction for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

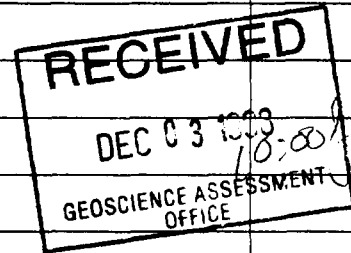
Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Linecutting (incl. camp setup, food)	60.1 km	\$480/km	\$28,848.
Soil Sampling (incl. camp setup, food)	60.1 km (25m stat.)	\$320/km	\$19,713.
Helicopter Support	~ 20.25 hrs	\$850/hr	\$17,220.
Project supervision/report writing	~ 18.6 days	\$300/day	\$5,595.
Field Support	~ 17 dgs	\$175/day	\$3,885.
CHEMICAL ANALYSES	1050 samples	\$9.40	\$9,870
SATELITE PHASE			884
Associated Costs (e.g. supplies, mobilization and demobilization).			2,1904.3
Transportation Costs			
Food and Lodging Costs			
<b>Total Value of Assessment Work</b>			<b>\$36,015.</b>



Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, JAMES MILLARD (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as AGENT (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature <i>J. Millard</i>	Date Nov 30/98
--------------------------------	-------------------



Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Linecutting (incl. camp setup, food)	60.1 km	\$480/km	\$28,848.
Soil Sampling (incl. camp setup, food)	60.1 km (25m stat.)	\$328/km	\$19,713.
Helicopter support	~ 20.25 hrs	\$850/hr	\$17,220.
Project supervision/report writing	~ 18.6 days	\$300/day	\$5,595.
Field Support	~ 17 dgs	\$175/dy	\$3,885.
CHEMICAL ANALYSES	1050 samples	\$9.40	\$9,870
SATELITE DATA			\$ 884
Associated Costs (e.g. supplies, mobilization and demobilization).			
			2,194.8
Transportation Costs			
Food and Lodging Costs			
<b>Total Value of Assessment Work</b>			<b>\$ 86,015.</b>

**RECEIVED**  
DEC 23 1998  
GEOSCIENCE ASSESSMENT OFFICE

**Calculations of Filing Discounts:**

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK                      x 0.50 =                      Total \$ value of worked claimed.

**Note:**

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

**Certification verifying costs:**

I, JAMES MILLARD (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as AGENT I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.

Signature: J E Millard                      Date: Nov 30/98

Geoscience Assessment Office  
933 Ramsey Lake Road  
6th Floor  
Sudbury, Ontario  
P3E 6B5

Telephone: (888) 415-9846  
Fax: (877) 670-1555

January 21, 1999

MISHIBISHU GOLD CORPORATION  
800-555 W. HASTINGS STREET  
VANCOUVER, B.C.  
V6B-4N5

Visit our website at:  
[www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm](http://www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm)

Dear Sir or Madam:

**Submission Number:** 2.19043

**Status**

**Subject: Transaction Number(s):** W9850.00187 Deemed Approval

---

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in **DUPLICATE** to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at [steven.beneteau@ndm.gov.on.ca](mailto:steven.beneteau@ndm.gov.on.ca) or by telephone at (705) 670-5855.

Yours sincerely,



ORIGINAL SIGNED BY  
Blair Kite  
Supervisor, Geoscience Assessment Office  
Mining Lands Section

# Work Report Assessment Results

---

**Submission Number:** 2.19043

**Date Correspondence Sent:** January 21, 1999

**Assessor:** Steve Beneteau

---

<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9850.00187	1213100	DAVID LAKES	Deemed Approval	January 20, 1999

**Section:**  
13 Geochemical GCHEM

**Correspondence to:**  
Resident Geologist  
Sault Ste. Marie, ON

Assessment Files Library  
Sudbury, ON

**Recorded Holder(s) and/or Agent(s):**  
James Millard  
PORTUGUESE COVE, NS, CAN

MISHIBISHU GOLD CORPORATION  
VANCOUVER, B.C.

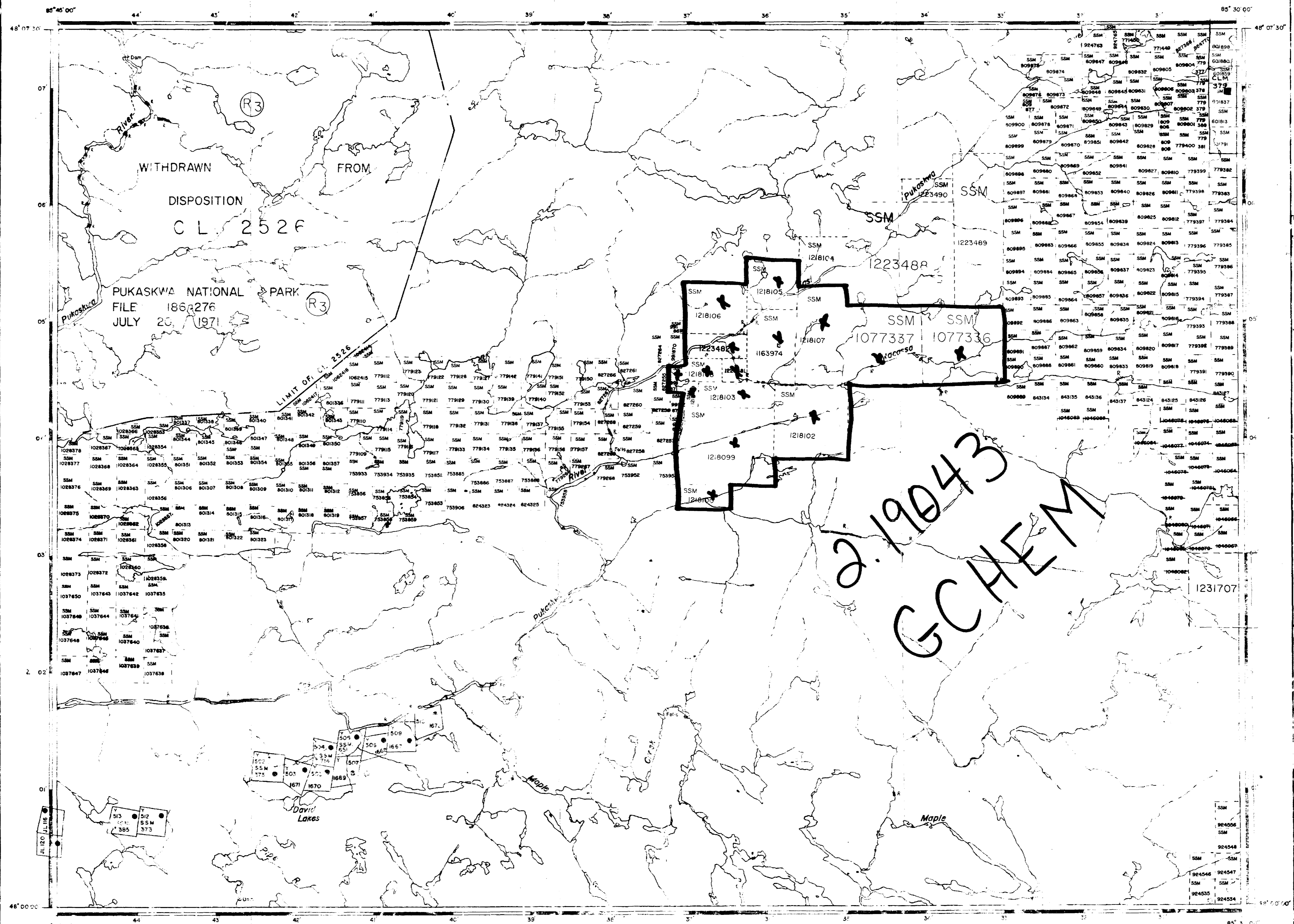
---

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.S.R. - MINING RIGHTS ONLY
- S.C.S. - SURFACE RIGHTS ONLY
- M.S. - MINING AND SURFACE RIGHT

CL 2526 W.S.M.-O-91 JANUARY 23, 1991 S.M. RIGHTS



REFERENCES

THE 1985 MAGNETIC BEARING APPROX.  $5^{\circ} 31' 14''$   
ANNUAL CHANGE INCREASING  $10''$

DATE OF ISSUE  
APR 28 1999  
PROVINCIAL RECORDING OFFICE - SUDBURY

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.

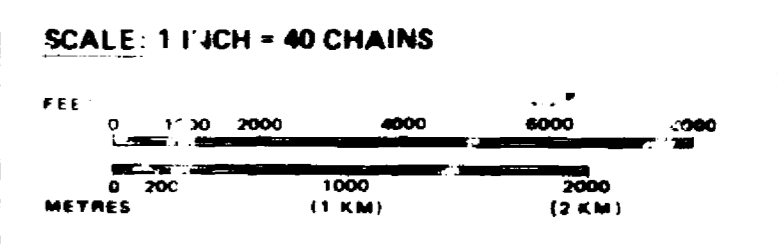
LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOT, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARIES
- MINING CLAIMS ETC.
- RAILWAY AND LIGHT RAILWAY
- UTILITY LINES
- NON-PERMANENT STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF 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, 1913, VESTED IN THE CROWN BY PATENTING BY THE PUBLIC LANDS ACT, R.S.O. 1913, CAP. 300, SEC. 63, SUBS. (1).



ALLA  
**DAVID LAKE**  
M.N.I. ADMINISTRATIVE DISTRICT  
W.A.M.A.  
M.  
S.A.L. STE. MARIE  
LAND TITLES / REGISTRY DIVISION  
THUNDER BAY

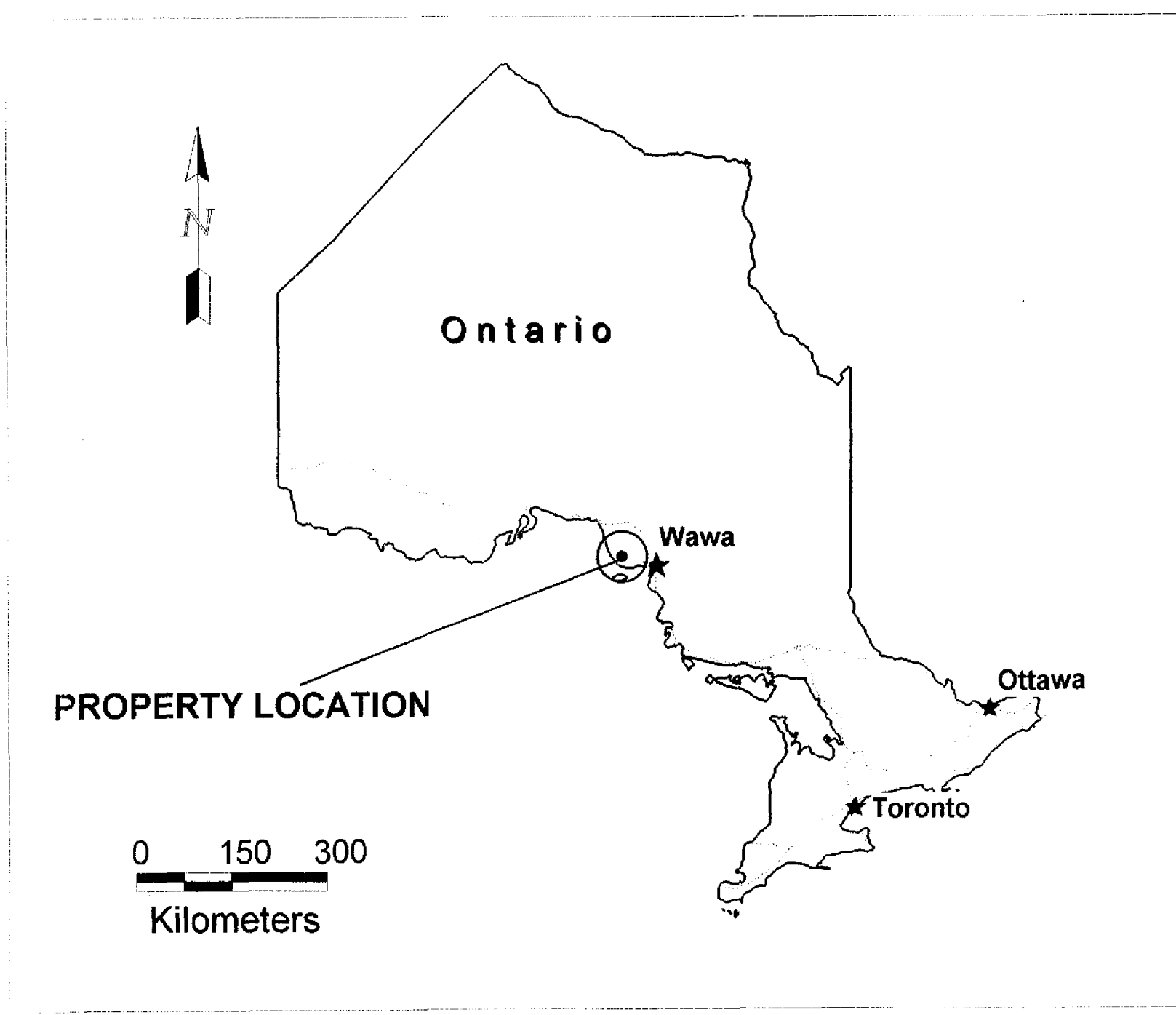
Ministry of Nature Resources  
Ministry of Northern Development and Mines

DEC 1998  
G-3765

4200488203 2-19043 DAVID LAKES 200

ENAL DIVAD 7-03-0

2.19043



**RECEIVED**  
 DEC 03 1998  
 GEOSCIENCE ASSESSMENT  
 OFFICE



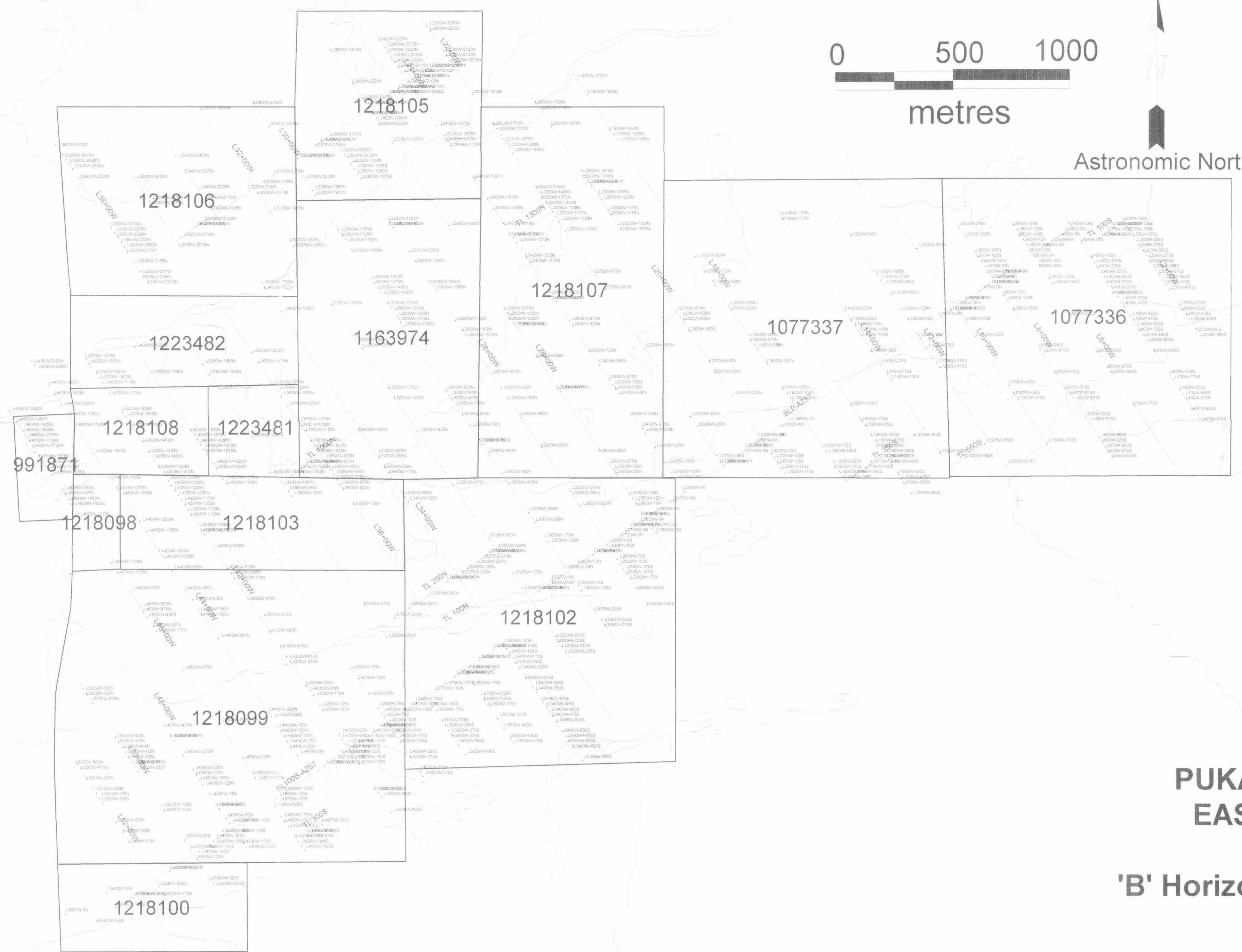
42C04SE2003 2.19043 DAVID LAKES 210



TITLE	PROPERTY LOCATION	DATE	NOV/98	PROJECT NO.	1861-1
PROJECT	PUKASKWA GOLD PROPERTY EAST EXTENSION CLAIMS	SCALE	AS SHOWN	FIGURE-NO.	MAP
		DRAWN/DATE	JM		1







**PUKASKWA GOLD PROJECT  
EAST EXTENSION CLAIMS**

**'B' Horizon Soil Geochemistry Survey**

LEGEND  
SOIL SAMPLE LOCATION AND ID

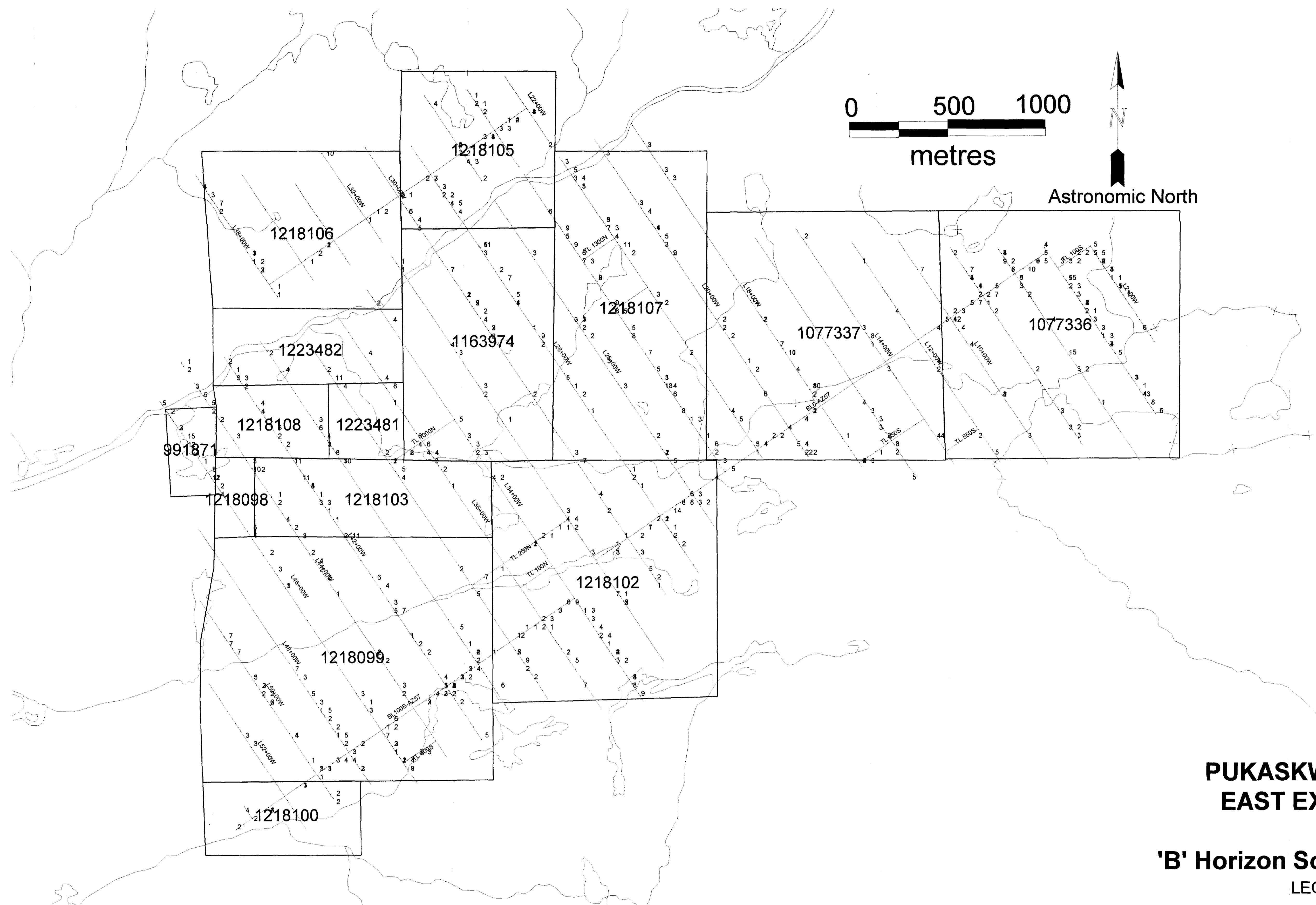
2.19043

RECEIVED  
DEC 03 1003  
GEOSCIENCE ASSESSMENT  
OFFICE

**MISHIBISHU GOLD CORPORATION**



TITLE	Soil Sample Locations and IDs		DATE	Nov-98	PROJECT NO.	1861-1
PROJECT	Pukaskwa Gold Property David Lake Area		SCALE	1:10 000	MAP NO.	<b>3</b>
			DATA BY	J. Millard	DRAWN BY	



**PUKASKWA GOLD PROJECT  
EAST EXTENSION CLAIMS**

**'B' Horizon Soil Geochemistry Survey  
LEGEND**

- 5 GOLD CONCENTRATION (PPB)
- <1 PPB GOLD

2.19043

**MISHIBISHU GOLD CORPORATION**

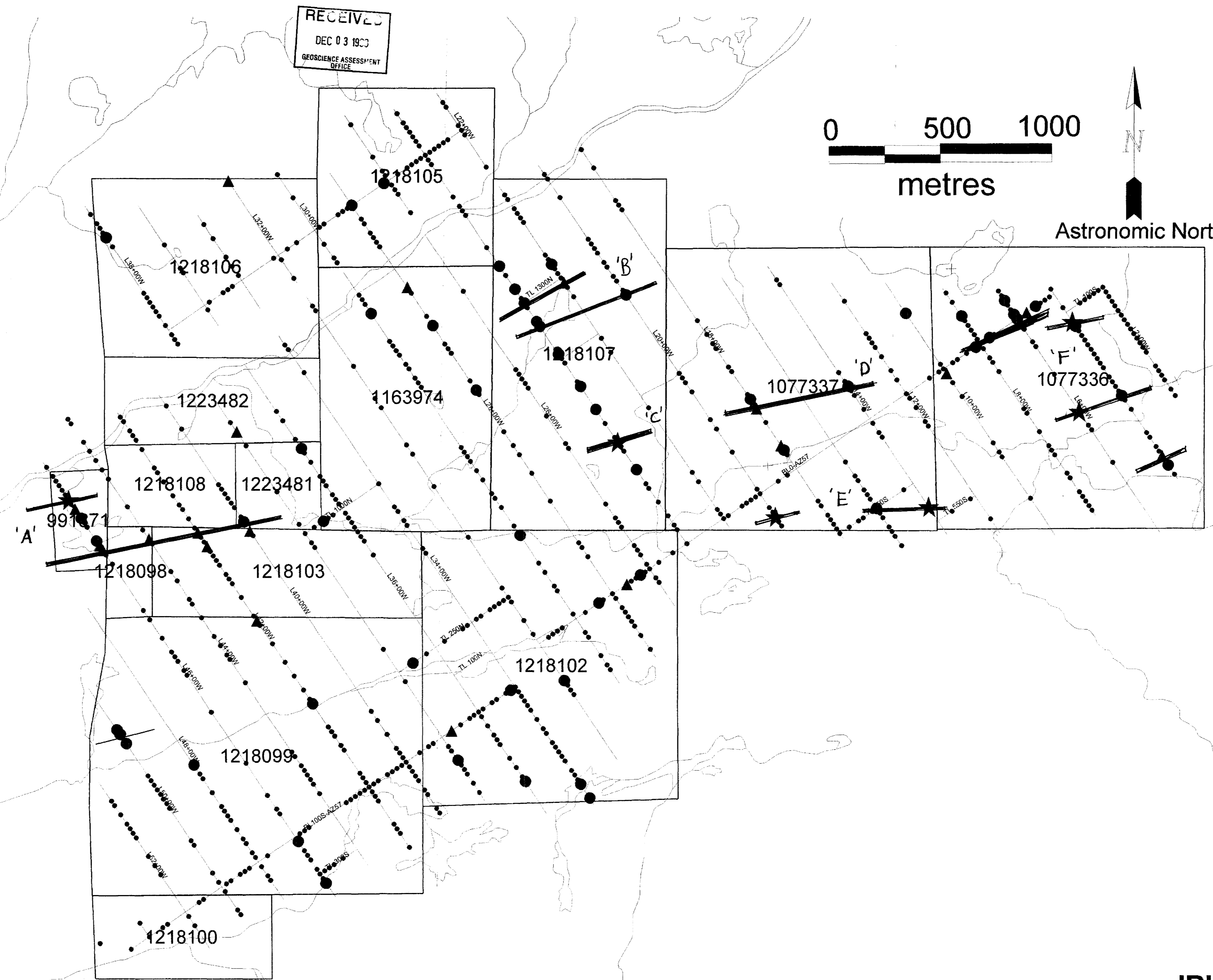
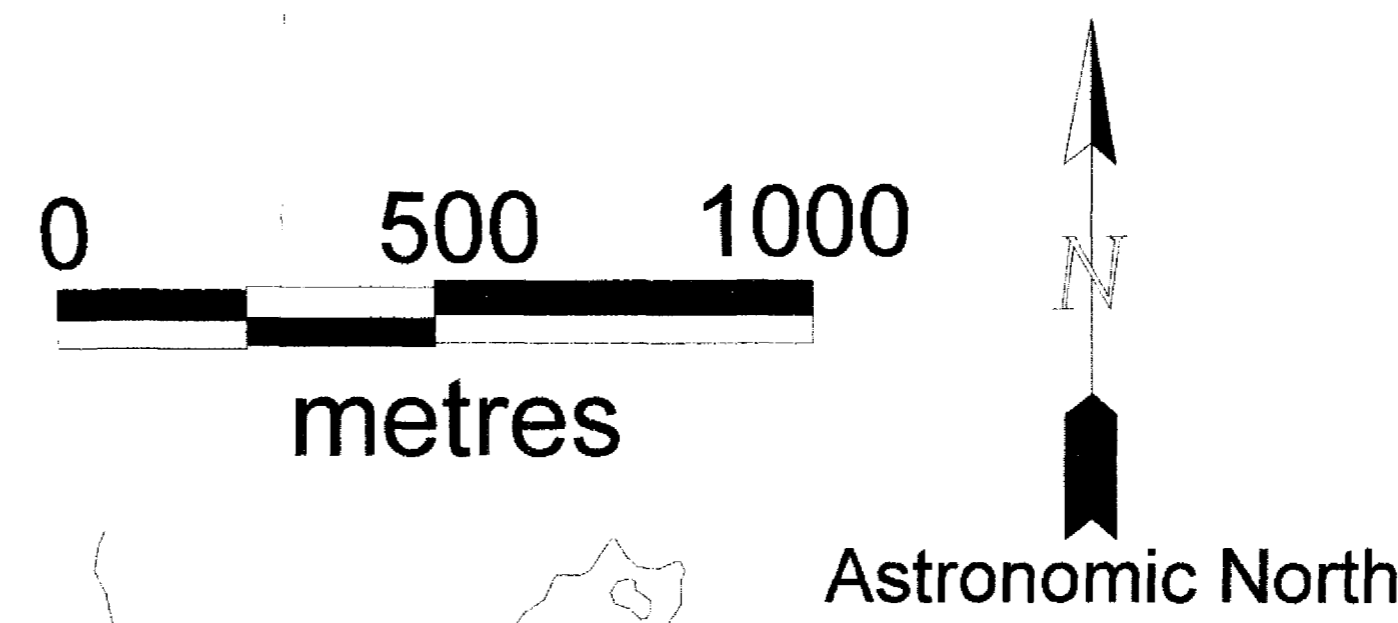


TITLE <b>Gold Soil Geochemistry Results</b>	DATE Nov-98	PROJECT NO. 1861-1
PROJECT <b>Pukaskwa Gold Property David Lake Area</b>	SCALE 1:10 000	MAP NO. <b>4</b>
DATA BY J. Millard	DRAWN BY J. Millard	<b>RECEIVED</b>

DEC 03 1998  
GEOSCIENCE ASSESSMENT OFFICE



RECEIVED  
DEC 03 1993  
GEOSCIENCE ASSESSMENT  
OFFICE



RECEIVED  
DEC 03 1993  
GEOSCIENCE ASSESSMENT  
OFFICE

### PUKASKWA GOLD PROJECT EAST EXTENSION CLAIMS

### 'B' Horizon Soil Geochemistry Survey

5

**LEGEND**  
Gold in 'B' Horizon Soils

- ★ 15 to 48 ppb
- ▲ 10 to 15 ppb
- 7 to 10 ppb
- <7 ppb

— 'F' Gold Soil Anomaly Trend

2.19043

RECEIVED  
DEC 03 1993  
GEOSCIENCE ASSESSMENT  
OFFICE

# MISHIBISHU GOLD CORPORATION



TITLE <b>Gold Soil Geochemistry Anomalies</b>	DATE Nov-98	PROJECT NO. 1861-1
PROJECT <b>Pukaskwa Gold Property David Lake Area</b>	SCALE 1:10 000	MAP NO.
DATA BY J. Millard	DRAWN BY J. Millard	

RECEIVED  
DEC 03 1993  
GEOSCIENCE ASSESSMENT  
OFFICE