

2.2447

**Geological Reconnaissance of the Karp Property**

Lots 1,2, Concession 3, Tudhope Twp  
and Lots 11, 12, Concession 3, Bryce Twp.  
N.T.S. 41-P/9, Larder Lake Mining Division

prepared by

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**Callander, ON**  
P0H 1H0

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for

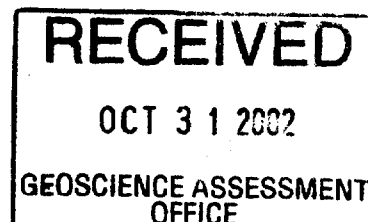
James Morris  
P.O. Box248  
**Englehart, On.**  
P0J 1H0

Tel. 705-544-8095      Fax 705-544-2464



41P09NE2011 2.24447 TUDHOPE

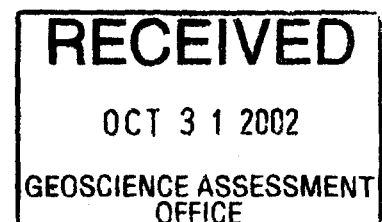
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October 2002

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## Introduction and Terms of Reference

The work reported on was carried out by Ulrich Kretschmar, Ray Lashbrook and Jim Morris on 22-23 Sept and 6 October, 2002. Work consisted of reconnaissance geological mapping, prospecting, sampling, and assaying of grab and chip samples for gold and silver. Old trenches on several vein systems, a section of wagon road and a shaft were found and located by GPS.

Claim Lake is earning the right to option the Karp property in Tudhope and Bryce Twps from Englehart prospector Jim Morris by performing assessment work on the core claims.

## Property Description and Location

The property is located in Tudhope and Bryce Twps (Fig. 1) and consists of the following claims :

**Table 1: Karp Property, Tudhope and Bryce Twps, Larder Lake Mining District**

<b>Claim Number</b>	<b>Recording Date</b>	<b>Due Date</b>
1242975	31 Oct 2000	31 Oct 2002
1237205	31 Oct 2000	31 Oct 2002
980372	18 Aug 1987	19 Apr 2003
980373	18 Aug 1987	19 Apr 2003
980371	18 Aug 1987	19 Apr 2003
980370	18 Aug 1987	19 Apr 2003
982891	18 Aug 1987	19 Apr 2003
982892	18 Aug 1987	19 Apr 2003
982893	18 Aug 1987	19 Apr 2003

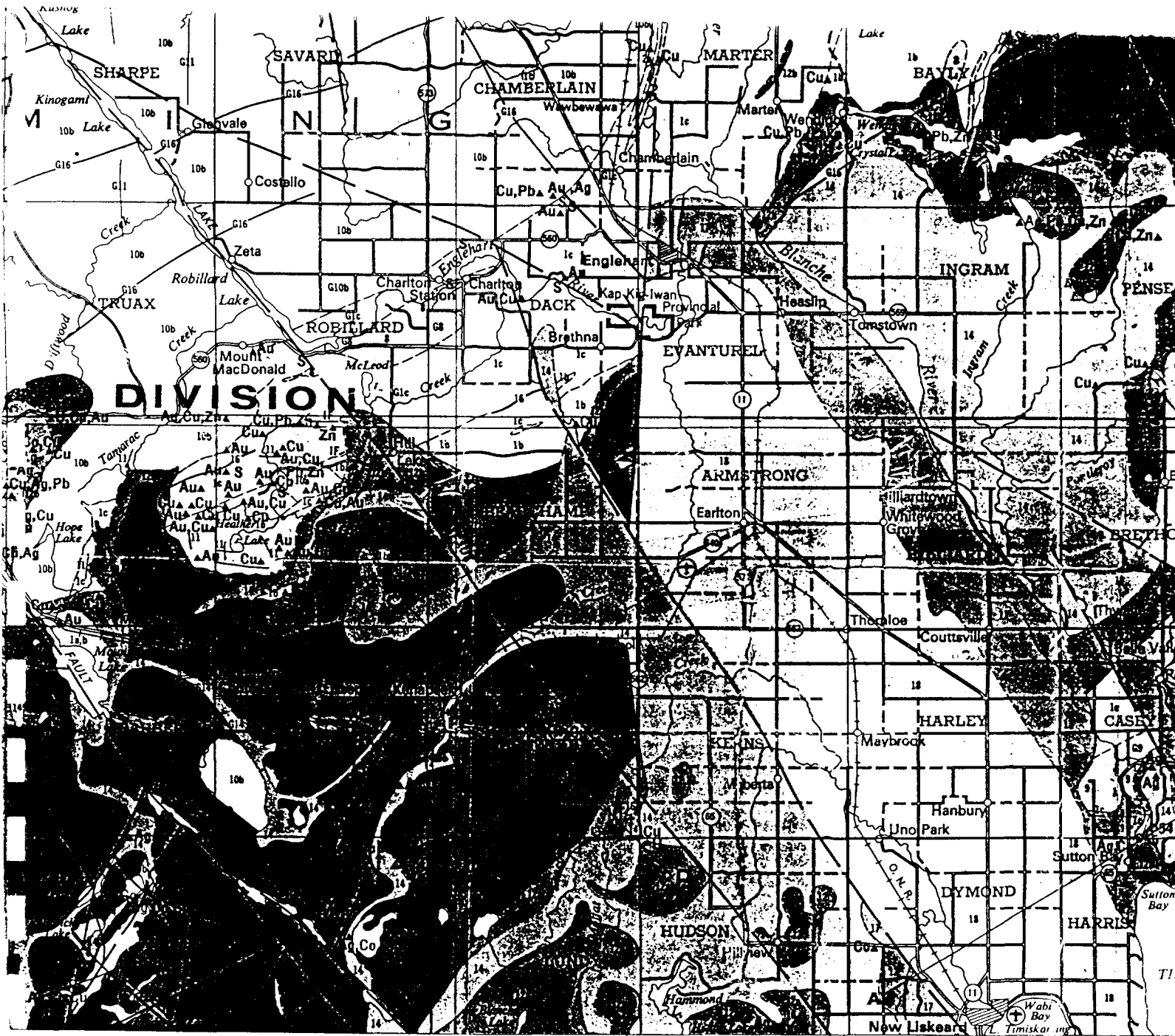


Fig. 1: General Location of the Karp Property

## **Accessibility, Climate, Local Resources, Infrastructure and Physiography**

The claims are accessible by Highway 60 between Englehart and Elk Lake, which is taken to the Barber-Cane concession road and then in a northerly direction by ATV track along logging roads, which lead directly to the showings described in this report.

The property lies within the Hill Lake area, which may be divided into three physiographic regions: the outcrop area, the clay belt area and the Hill Lake Moraine. The Karp property lies in the western outcrop area, which has moderate relief, with an average elevation of 303 m above sea level. Most of the property has been logged over.

## **History**

The Karp property originally consisted of nine leased and one patented claim (MR 18571) formerly owned by Gladys and Ronald Karp. The patented claim was leased by the Karp family for many years but eventually the mineral rights reverted to the crown, when taxes were not paid. The surface rights were purchased by a local lumber company when the surrounding area was being logged.

## **Geological Setting**

The metavolcanics in the Hill Lake area are divided into three groups which are from the oldest to the youngest: the Wabewawa Group, the Catherine Group, and the Skead Group. These groups form a southeast-facing homoclinal sequence approximately 11,000 m thick. The Wabewawa Group, composed of interbedded high magnesium tholeiitic basalt, high iron tholeiitic basalt, komatiitic basalt and ultramafic flows, is 1800 to 3000 m thick. The Catharine basalt is 4400 m thick, conformably overlies the Wabewawa Group, and consists of high iron tholeiitic basalt. The Skead Group, 4480 m thick, is composed of interdigitated to graded, calc-alkalic andesitic to dacitic quartz-feldspar porphyry, pyroclastic breccia, tuff-breccia, lapilli-tuff, lapillistone and tuff and conformably overlies the Catharine basalt.

## Geology of the Karp Property

The following description, accompanied by Map 2501 is provided by Johns (1985, p. 70):

"The claims are underlain by schistose, carbonatized intermediate to felsic pyroclastics of the Skead Group, which have been intruded by small carbonatized feldspar porphyries. The southern part of the property is underlain by Gowganda Formation conglomerate and argillite".

Fig. 2 is a property geology map, taken from Map 2501 and showing the location of the Karp shaft. Fig. 3 is a property map, derived from reconnaissance geology and prospecting.

## Deposit Types

The Main Vein on the Karp Property appears to belong to the category of gold occurrences described as "quartz-carbonate vein gold", typical of 80% of Canadian producing mines. (Poulson, K.H. 1996, p. 328).

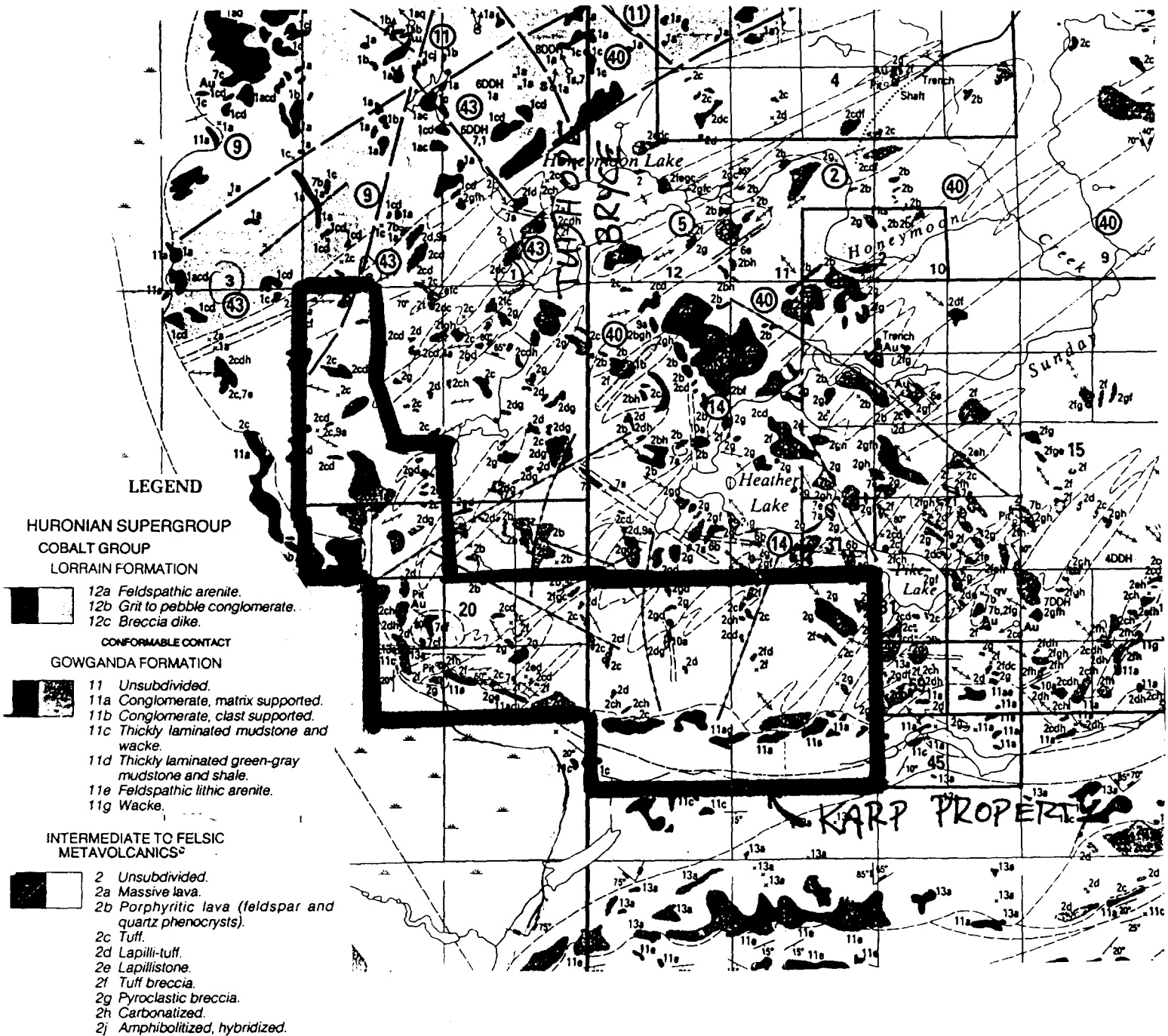
## Mineralization

The following description is provided by Johns (1986, p. 70):

"The main showing consists of a strong N60W trending shear zone containing 1.5 to 3 foot wide assemblage of quartz carbonate stringers. A 50 ft deep, 12 by 6 ft-inclined shaft was sunk on the shear zone around 1928. A 750 ft length of this shear zone has been examined by E.W. Karp by excavating 14 trenches. Grab samples from the vein in the shaft range in value from 0.06 to 0.66 ounce gold per ton. Samples taken from the trenches along the shear zone have values ranging from 0.01 ounce to 2.24 ounces gold per ton. The values are erratic but the samples containing the highest values of gold also contain sulfides. A grab sample of carbonatized pyroclastic rocks taken by the field party from one of the trenches was found to contain 0.17 oz gold per ton and 0.27 ounce silver per ton. "

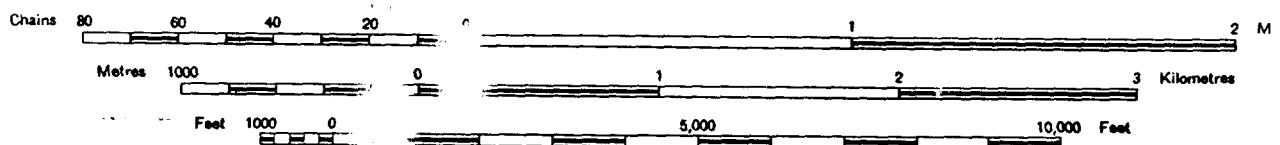
The authors found three distinct types of mineralization:

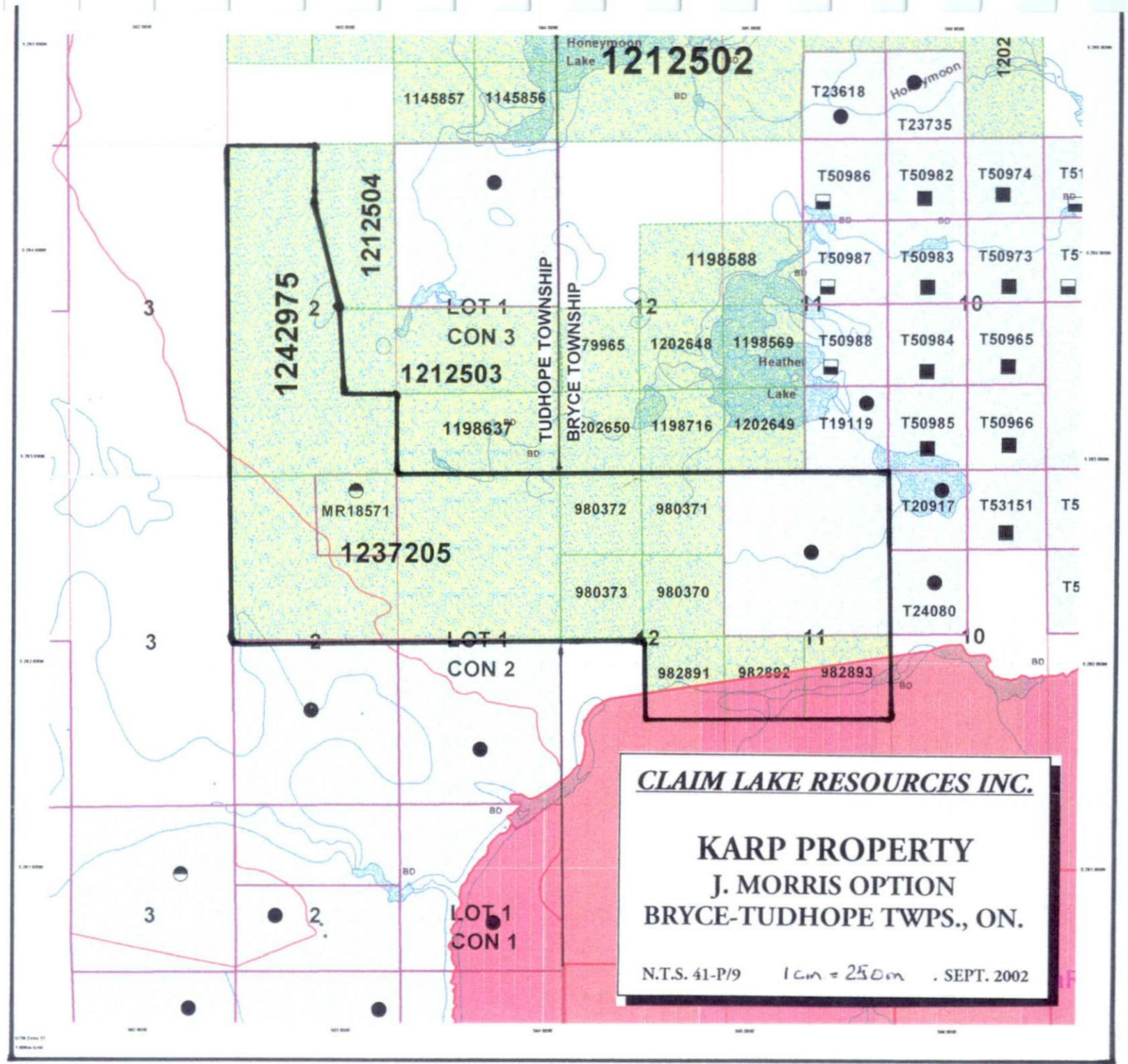
**Type A (e.g. Vein No. 2):** narrow (2-5 cm) veins, consisting of mainly white to sugary quartz, minor dolomitic carbonate along the vein contact, and disseminated and cubic pyrite both in the vein and wallrock.



**Fig. 2: Geology of the Karp Property and surrounding area according to Map 2501 from Johns (1986).**

Scale 1:31,680 or 1 Inch to 1/2 Mile





***CLAIM LAKE RESOURCES INC.***

**KARP PROPERTY**  
**J. MORRIS OPTION**  
**BRYCE-TUDHOPE TWPS., ON.**

N.T.S. 41-P/9 1cm = 250m . SEPT. 2002



2.24447



**Type B** (e.g. Waypoint U302): fine grained, friable weathering pyrite fills fractures in quartz feldspar porphyry and occurs with minor chalcopyrite. Only one such exposure was found.

**Type C (e.g. Main Vein)**: Typical Archean quartz-carbonate-chlorite vein with variable pyrite and minor chalcopyrite.

**Type D (e.g. Calcite Vein)**: The calcite vein is up to 1 m thick and more than 200 m long and appears to consist of largely pure white calcite locally intergrown with minor brownish grey carbonate (possibly dolomite). Based on limited exposure, the vein occurs in the capping.

#### Sampling and Assays

The following results were obtained by the authors by sampling mainly muck piles from blasted trenches for three different veins. Two samples were taken across measured widths of 50 and 75 cm respectively from the Main Vein.

**Table 1:** Karp Property, Assay Results. Grab Samples from trenches and muck piles, except as noted.

GPS <sup>1</sup> Point	Assay Number	Gold (ppb)	Au (g/T)	Au <sup>2</sup> (oz/t)	Silver (ppm)	Description and Location
U289	31001	153			0.4	No. 2 Vein, minor malachite, sugary quartz, chlorite
U292	31002	10			<0.3	boulder, massive pyrite, quartz, black shale fragments, unknown source
U294	31003	5690	5.69	0.166	1.6	No. 1 Vein, vuggy quartz, py cubes and massive py
U295	31004	3280	3.28	0.096	1.1	No. 1 Vein, thin sugary quartz vein, pyrite in sericitic wallrock

U296	31005	191			0.4	No. 1 vein, grey quartz, sericitic, foliated, minor py, malachite
U297	31006	947			0.8	No. 1 vein, weathered, quartz, sericite, minor py cubes
U298	31007	302			0.3	No. 1 vein, sericitic, minor py
U299	31008	1610	1.61	0.050	1.2	No. 1 vein, sericitic, minor py
U301	31009	95			0.4	f.g. dusty py on fractures, minor cp
R285	31011	8150	8.15	0.238	8.3	Trench E of <b>Main Shaft</b> , 25 cm width, py >50%, carbonate, chlorite
R285	31012	1540	1.54	0.045	1.5	Trench E of <b>Main Shaft</b> , 50 cm width, sim to 31011
	31013	4700	4.7	0.137	3.8	muck from <b>Main Shaft</b> area, py > 50% in sugary quartz, chlorite
	31014	3010	3.01	0.088	8.8	muck from <b>Main Shaft</b> area, > 5% chalcopryite in sugary quartz and light and dark green chlorite, breccia texture
	31015	1060	1.06	0.031	2.7	muck from <b>Main Shaft</b> area, 10% pyrite in quartz

	31016	5630	5.63	0.164	6.2	muck, <b>Main Shaft</b> , similar to 31013, 10-20% pyrite
	31017	5110	5.11	0.149	11	muck, <b>Main Shaft</b> , similar to 31013, 10-20% pyrite
	31018	217			<0.3	muck, Trench #4, <b>Calcite Vein</b> , dark calcite, possible barite

2/ Conversion Factor: 1 Troy oz/ton = 34.286 ppm = 34.286 g/Tonne

### Sampling Method and Approach

The four vein systems found were sampled from muck piles adjacent to pits and trenches on the veins. The majority of samples were grab samples, since the trenches did not expose bedrock. The Main Vein outcrops in the wall of the inclined shaft, but it could not be accessed without ladders. The vein also outcrops in one trench, south-east of the main shaft, where two samples were taken over a total width of 75 cm.

### Interpretation and Conclusions

Gold mineralization is widespread on the property and ore grade assays were obtained from grab samples and in outcrop across significant widths. The main vein is accessible via an inclined shaft that appears to be 25 m deep and is partly filled with water. The property should be thoroughly prospected and mapped.

## **Recommendations**

On veins No. 1, No. 2 and Calcite Vein

1. Clean out trenches and channel sample veins across widths.

On the Main Vein

1. Clean out trenches along the 200 m strike-length.
2. Rehabilitate inclined shaft access via ladders and pump out bottom of shaft.
3. Sample vein in inclined shaft.
4. Drill three holes at 45o angle spaced 25 m apart along the length of the vein, with one hole directly under the shaft and the other two 25 m north and south.

On the rest of the Property

1. Carry out detailed prospecting and geological reconnaissance and mapping, sampling and .

## **References Cited**

Johns, G.W. (1986). Geology of the Hill Lake Area, District of Timiskaming. Ontario Geological Survey, Report 250.

Poulson, K.H. (1996). Lode gold: in Geology of Canadian Mineral Deposit Types; Geology of Canada, No. 8. p. 323-328.

Moorehouse, W.W. (1944). Geology of the Bryce-Robillard Area. Ontario Dept of Mines Vol. L, Part IV, 1941.

**Appendix A** : List and Description of GPS Waypoints and Assay Sample Locations on the Karp Property, Sept and Oct 2002.

UK WP (U) & RLL WP (R)	<b>XRAL Assay No.</b>	<b>E</b> NAD 83	<b>N</b> NAD 83	Description
R257		0564088	5279872	
R258		0564100	5280400	
U286		0563146	5282674	v prominent outcrop N of small lake and swamp
U287		0563257	5282693	volcano-sed, T, monolithic, rounded fragments, tightly packed, matrix same comp as fragments, locally minor hematite, fsp very prominent
U288	<b>XRAL Assay No.</b>	0563297	5282527	edge of cutover area, E of patented land
U289	<b>31001</b>	0563292	5282424	No. 2 Vein, grab from muck
U292, U293	<b>31002</b>	0563373	5282049	spectacular boulder
U294	<b>31003</b>	0563080	5282413	No. 1 Vein, first pit, f.130/80NW
U295	<b>31004</b>	0563052	5282357	No. 1 Vein, pit, massive quartz-pyrite

U296	<b>31005</b>	0563097	5282376	No. 1 vein, pit
U297	<b>31006</b>	0563102	5282356	No. 1. vein, pit
U298	<b>31007</b>	0563105	5282380	No. 1 vein, pit
U299	<b>31008</b>	0563149	5282382	No. 1 vein, pit
U300		0563199	5282566	PIT, in middle of cut over area. No sample.
U301	<b>31009</b>	0563269	5282452	Blasted outcrop, grab sample, good stuff with v.f.g. pyrite on fractures, in fsp porphyry with minor quartz eyes
U302		0563106	5282505	heading N, 1 <sup>st</sup> pit along 130 strike each pit about 3 m sq. 1-2 m deep dug in earth, no outcrop no sample
U303		0563034	5282428	northern Trench in overburden, to bedrock, but not blasted, extends down to logging road
U304		0563030	5282438	northernmost , Trench, extends down to road, no outcrop
R280		0563033	5282539	<b>Calcite Vein</b> Tr. #!
R281		0563048	5282524	Calcite vein Trench #2
R282		0563055	5282525	Calcite vein Trench #3
R283	<b>31018</b>	0563070	5282525	Calcite vein Trench #4
R no #		0563015	5282801	Trench, <b>W of Main Shaft</b> , 5-6 m deep, no bedrock

R284		0563034	5282801	<b>Main Shaft</b> , trench to West
R285	<b>31011</b> <b>31012</b>	0563042	5282799	Trench E of <b>Main Shaft</b>
	<b>31013</b> <b>31014</b> <b>31015</b> <b>31016</b> <b>31017</b>			<b>Main Shaft</b> muck pile

**APPENDIX B: ASSAYS FROM THE KARP PROPERTY, SEPT, OCT 2002**





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

## CERTIFICATE OF ANALYSIS

Work Order: 070027

To: **Claim Lake Resources**  
Attn: **Ulrich Kretschmar**

Date : 08/10/02

408 Bay Street  
ORILLIA  
ONTARIO, CANADA L3V 3X4

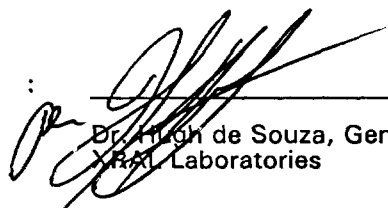
Copy 1 to :

P.O. No. :  
Project No. : Karp  
No. of Samples : 10 Rock  
Date Submitted : 24/09/02  
Report Comprises : Cover Sheet plus  
Pages 1 to 2

**Distribution of unused material:**

Pulps: Discarded After 90 Days Unless Instructed!!!  
Rejects: Discarded After 90 Days Unless Instructed!!!

Certified By :



Dr. Hugh de Souza, General Manager  
XRAL Laboratories

ISO 9002 REGISTERED

ISO 17025 Accredited for Specific Tests. S.C.C. No. 456

Subject to SGS General Terms and Conditions

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: 070027

Date: 08/10/02

**FINAL**

Page 1 of 2

Element.	Au
Method.	FA301
Det.Lim.	1
Units.	ppb
31001	153
31002	10
31003	5690
31004	3280
31005	191
31006	947
31007	302
31008	1610
31009	95
31010	356
*Dup 31001	141
*Blk BLANK	< 1
*Std OXE20	593



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

Work Order: 070027

Date: 08/10/02

**FINAL**

Page 2 of 2

Element.	Ag
Method.	AA73
Det.Lim.	0.3
Units.	g/mt
31001	0.4
31002	<0.3
31003	1.6
31004	1.1
31005	0.4
31006	0.8
31007	0.3
31008	1.2
31009	0.4
31010	<0.3
*Dup 31001	0.3
*Blk BLANK	<0.3
*Std AA_CONTROL	20.7



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## CERTIFICATE OF ANALYSIS

**Work Order: 070287**

To: **Claim Lake Resources**  
Attn: **Ulrich Kretschmar**

Date : 23/10/02

408 Bay Street  
ORILLIA  
ONTARIO, CANADA L3V 3X4

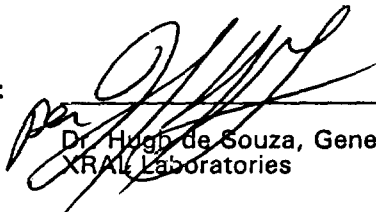
Copy 1 to :

P.O. No. :  
Project No. : KARP  
No. of Samples : 8 Rock  
Date Submitted : 10/10/02  
Report Comprises : Cover Sheet plus  
Pages 1 to 2

**Distribution of unused material:**

**Pulps:** Discarded After 90 Days Unless Instructed!!!  
**Rejects:** Discarded After 90 Days Unless Instructed!!!

Certified By :



Dr. Hugh de Souza, General Manager  
XRAL Laboratories

**ISO 9002 REGISTERED**

**ISO 17025 Accredited for Specific Tests. S.C.C. No. 456**

Subject to SGS General Terms and Conditions

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: 070287

Date: 23/10/02

**FINAL**

Page 1 of 2

Element.	Au
Method.	FA301
Det.Lim.	1
Units.	ppb
31011	8150
31012	1540
31013	4700
31014	3010
31015	1060
31016	5630
31017	5110
31018	217
*Dup 31011	9000
*Blk BLANK	21
*Std OX123	2050



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

Work Order: 070287

Date: 23/10/02

**FINAL**

Page 2 of 2

Element.	Ag
Method.	AA73
Det.Lim.	0.3
Units.	g/mt
31011	8.3
31012	1.5
31013	3.8
31014	8.8
31015	2.7
31016	6.2
31017	11.0
31018	<0.3
*Dup 31011	7.8
*Blk BLANK	<0.3
*Std AA_CONTROL	21.5



Date: 2002-NOV-13

GEOSCIENCE ASSESSMENT OFFICE  
933 RAMSEY LAKE ROAD, 6th FLOOR  
SUDBURY, ONTARIO  
P3E 6B5

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45 5TH AVENUE  
ENGLEHART, ONTARIO  
P0J 1H0 CANADA

Tel: (888) 415-9845  
Fax: (877) 670-1555

**Submission Number:** 2.24447  
**Transaction Number(s):** W0280.01675

Dear Sir or Madam

**Subject: Approval of Assessment Work**

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at [steve.beneteau@ndm.gov.on.ca](mailto:steve.beneteau@ndm.gov.on.ca) or by phone at (705) 670-5855.

Yours Sincerely,



Ron Gashinski  
Senior Manager, Mining Lands Section

**Cc:** Resident Geologist

Ulrich Horst Kretschmar  
(Agent)

James Morris  
(Assessment Office)

Assessment File Library

James Morris  
(Claim Holder)





MINISTRY OF  
NORTHERN DEVELOPMENT  
AND MINES  
PROVINCIAL MINING  
RECORDERS OFFICE

**MINING LAND TENURE  
MAP**

Date / Time of Issue Nov 12 2002 11:04h Eastern

TOWNSHIP / AREA PLAN

TUDHOPE G-3724

**ADMINISTRATIVE DISTRICTS / DIVISIONS**

Mining Division Larder Lake  
Land Titles/Registry Division Unavailable  
Ministry of Natural Resources District Unavailable

**TOPOGRAPHIC**

- Abundant Groundwater
- Township
- Concession, Lot
- Flooded Park
- Mine Reserve
- CIP, P, or Pile
- Cartier
- Cartier - Active Activity Disposition
- Mine
- Mine Headframe
- Railway
- Road
- Trail
- Mineral Outcrop
- Hydro Line
- Construction Line
- Wooded Area
- Mountain - C. Crestal, National Park, Canal

**LAND TENURE**

- Freehold Patent
  - Surface and Mining Rights
  - Surface Rights Only
  - Mining Rights Only
- Leasehold Patent
  - Surface and Mining Rights
  - Surface Rights Only
  - Mining Rights Only
- License of Occupation
  - Use and Spoilbank
  - Surface and Mining Rights
  - Surface Rights Only
  - Mining Rights Only
- Land Use Permit
- Order in Council
- Water Power Lease Approval
- Mining Claim

**LAND TENURE WITHDRAWALS**

- Areas Withdrawn from Exploration Mining and Withdrawal Types
  - Surface and Mining Rights Withdrawal
  - Surface Rights Only Withdrawal
  - Mining Rights Only Withdrawal
  - Order in Council Withdrawal Types
    - Surface and Mining Rights Withdrawal
    - Surface Rights Only Withdrawal
    - Mining Rights Only Withdrawal

**IMPORTANT NOTICES**

0 m 1000 m

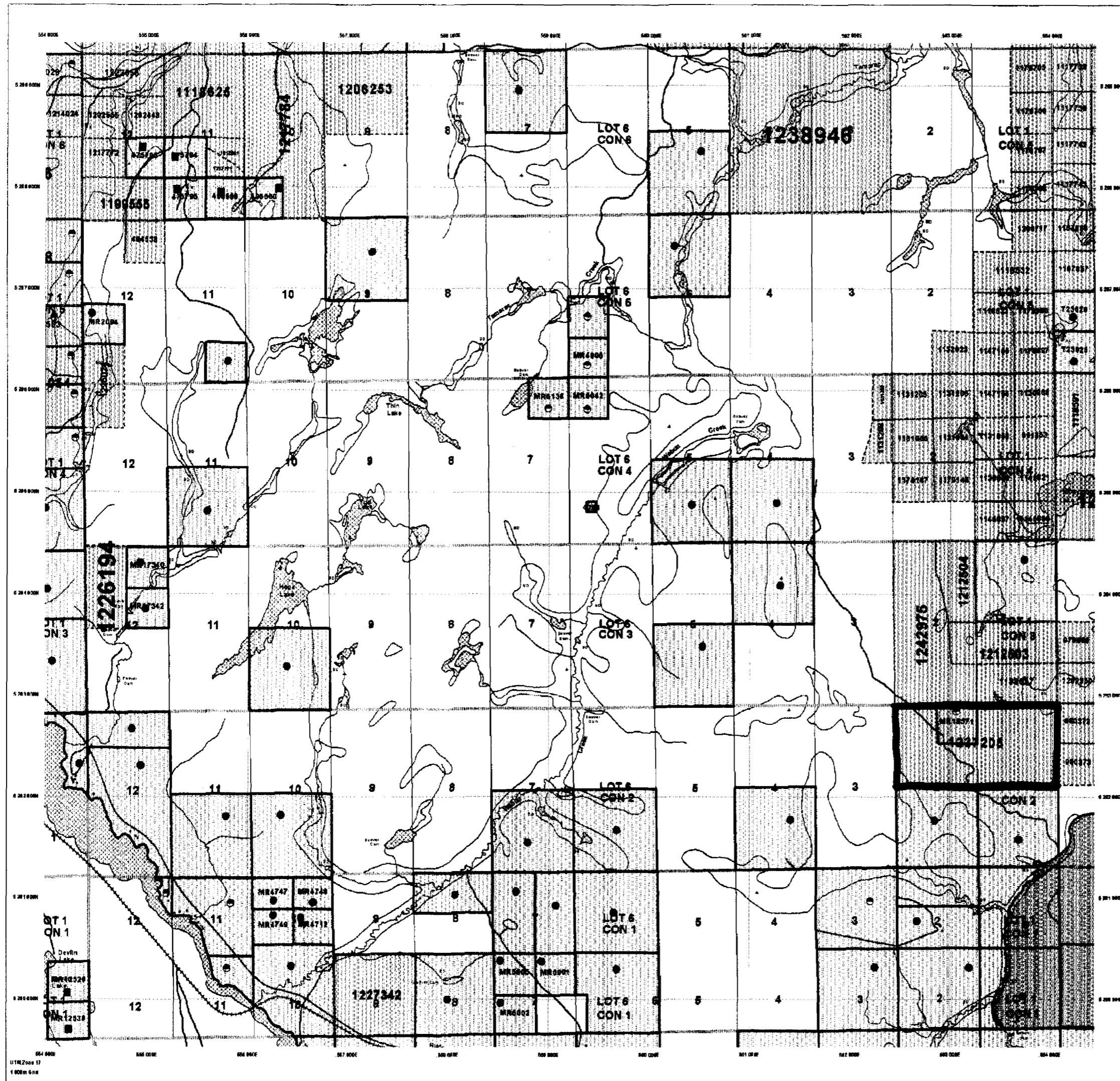
**LAND TENURE WITHDRAWAL DESCRIPTIONS**

Number	Type	Date	Description
4384	Withdrawal	Jan 1 2001	400 FT SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES & RIVERS
WLL-C-0512	Withdrawal	Aug 31 2001	500 FT WELL C-0512B ON T. May 2200 MAG
Cadastre	Withdrawal	Apr 8 2001	Bylaws Act Case Toronto Method Land Titles Cooperation Reserve
Cadastre	Withdrawal	Apr 8 2001	Bylaws Act Case Toronto Method Land Titles Cooperation Reserve

**IMPORTANT NOTICES**

None at this date. Special regulations, restrictions of operations and all other normal prospecting, mining and mineral development activities.

**2.24447  
GEOL  
ASSAY**



200

41P09NE2011 2.24447 TUDHOPE



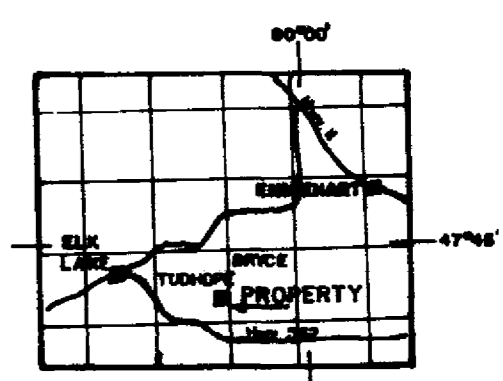
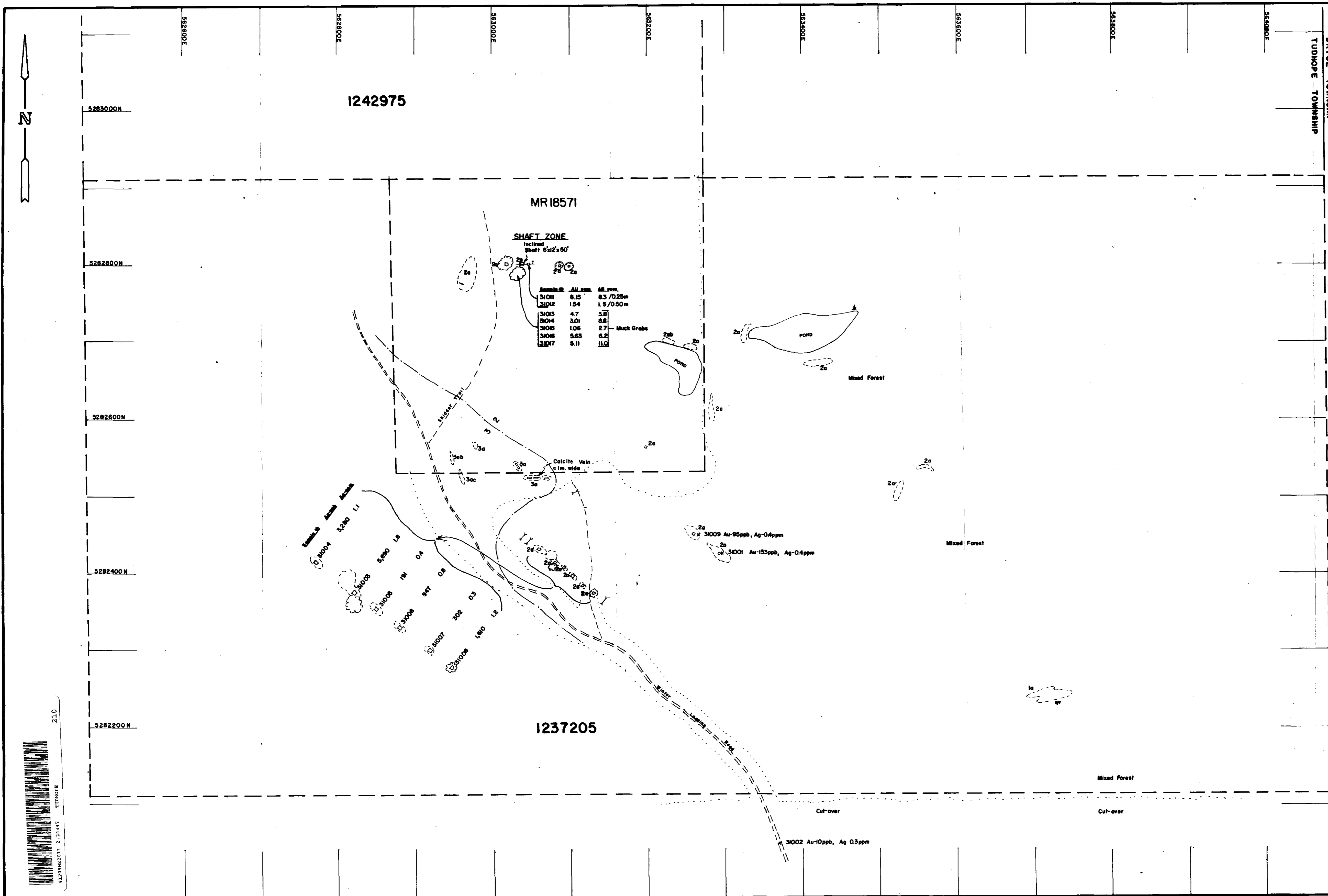
Those wishing to make mining claims should consult with the Provincial Mining Recorder's Office of the Ministry of Northern Development and Mines for additional information on the scope of the lands shown herein. This map is not intended for navigation or survey, or for the determination of property boundaries. The information shown is derived from digital data available to the Provincial Mining Recorder's Office at the time of its compilation from the Ministry of Northern Development and Mines data.

**General Information and Limitations**

Contact Information:  
Provincial Mining Recorder's Office 1-800-768-6262  
Mineral Branch/Miner Centre Tel: 1-800-361-0001  
9550 Highway 1, Larder Lake Fax: 1-800-361-0001  
Sudbury, ON P3E 8B5  
Home Page: <http://www.gov.on.ca/nmn/mnr/BLAND/Exploration.asp>

Map Datum: NAD 83  
Projection: UTM or Albers  
Topographic Data Source: Land Information Ontario  
Mining Land Tenure Source: Provincial Mining Recorder's Office

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- LEGEND**
- MIDDLE PRECAMBRIAN HURONIAN SUPERGROUP COBALT GROUP
  - 3 GOWGANDA FORMATION
    - a- Conglomerate, matrix supported
    - b- Conglomerate, clast supported
    - c- Mudstone, trace
  - EARLY PRECAMBRIAN
  - 2 INTERMEDIATE TO FELSIC METAVOLCANICS
    - a- Lapilli-tuff
    - b- Carbonized
  - 1 MAFIC METAVOLCANICS
    - a- Massive, fine grained

- Quartz vein
- Pit
- Pit-no outcrop
- Shaft
- Muck pile
- Cut over boundary

2.24417

**JIM MORRIS PROPERTY**

Fig. 3 **KARP PROJECT**  
**BRYCE-TUDHOPE TWPS.**  
**GEOLOGY**

Scale: 1" = 200m  
0 25 50 100 200m

Drawn By: R.L. ZIK  
Date: Oct 1/02  
NTS: 1:41-2/3

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