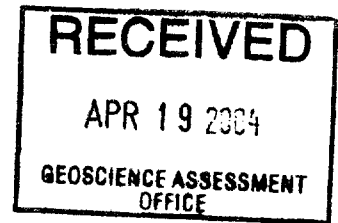


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**ASSESSMENT REPORT  
ON THE  
CONTACT BAY PROPERTY  
KENORA MINING DISTRICT, ONTARIO**

**CLAIMS 1053039, 1054578, 1234235, 1234236,  
1234237, 1234580 & 1234582**



**Howard J. Coates, P.Geo.  
Atikwa Minerals Limited  
347 Bay Street, Suite 404  
Toronto, ON, M5H 2R7**

**February 13, 2004**



2,27703

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## 1.0 INTRODUCTION

The Contact Bay staked property consists of 12 claims located in northwestern Ontario near the town of Dryden. These contiguous claims were explored between September 2 and 15, 2003 by a two-person field party that carried out prospecting, and sampling activities as follow-up to previous work carried out in 2001 (Owens, 2001). The primary targets are nickel-copper and platinum group metals. This report, an update of the Owens report, summarizes the work.

## 2.0 PROPERTY LOCATION AND ACCESS

The Contact Bay Property covered by this work consists of 12 claims located on the Wabigoon NTS 50,000 sheet (52 F/10), about 15 km south of Dryden, Ontario (Figure 1). The claims comprising the property extend from Contact Bay in the north to Trap Lake in the south, located at the extreme southwestern end of Wabigoon Lake. The claims are approximately bounded on the north by UTM 5505030N, on the south by UTM 5500580N, on the west by UTM 514330E and on the east by UTM 517680E. Access to the property is by paved Highway # 502 southward from Dryden and then by boat on Wabigoon Lake.

A dense forest of young, scrubby pine, spruce and poplar cover the claims, making traversing difficult. Boats were used extensively on this property. The topography is moderate to gentle, with moderately steep slopes along the shorelines of the numerous lakes.



Figure 1: Location Map



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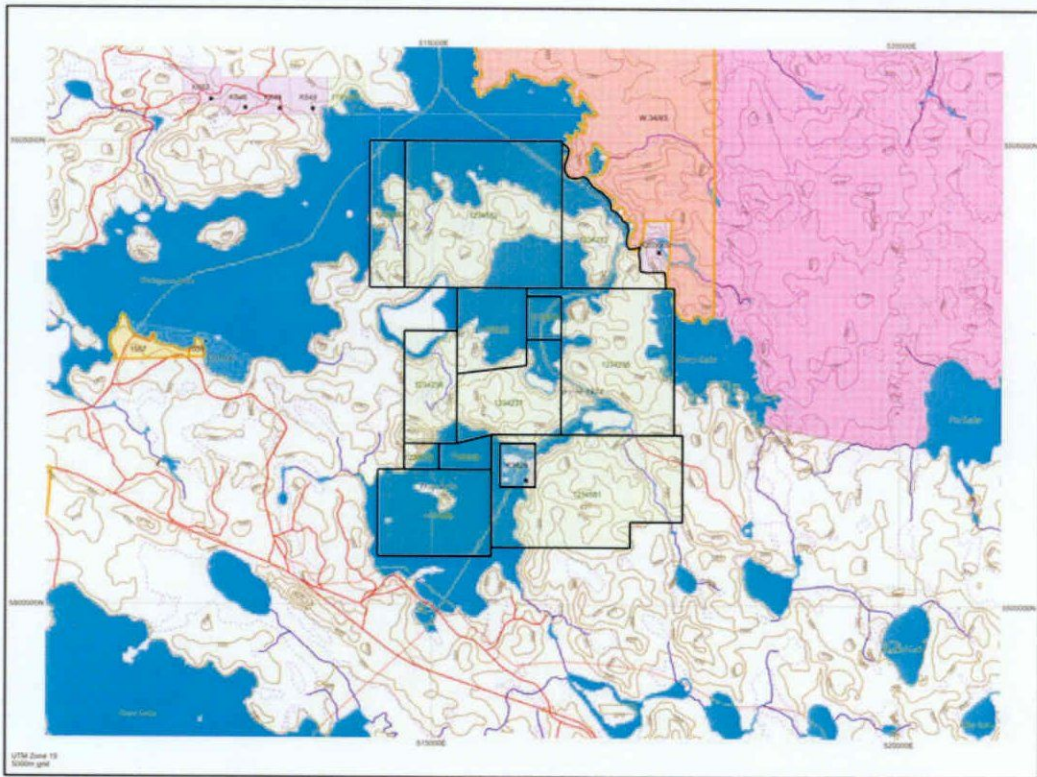
### 3.0 PROPERTY AND AGREEMENTS

The property consists of 12 staked claims totaling 77 units covering an area of approximately 1232 hectares (Figure 2). All claims are recorded in the name of Atikwa and are currently in good standing. The property is subject to option agreements between Atikwa and Mr. Sherridon Johnson (Claims 1054578 and 1053039) and between Atikwa and Mr. Perry English (all remaining claims). A summary of mineral rights is provided in Table 1.

**Table 1: List of Mineral Claims**

<u>Claim</u>		<u># Units</u>	<u>Record Date</u>	<u>Due Date</u>	<u>Amount Due</u>	<u>Reserve</u>
<b>1054578</b>	Staked	1	2000/06/13	2003/06/13	\$400	0
<b>1053039</b>	Staked	4	2000/06/13	2003/06/13	\$1,600	\$18,090
1184984	Staked	2	2001/06/21	2004/06/21	\$800	0
1184986	Staked	6	2001/06/19	2004/06/19	\$2,400	0
1234212	Staked	6	2001/04/25	2004/04/25	\$2,400	0
1234234	Staked	1	2001/06/19	2004/06/19	\$400	0
<b>1234235</b>	Staked	12	2001/06/26	2004/06/26	\$4,800	0
<b>1234236</b>	Staked	5	2001/06/19	2004/06/19	\$2,000	0
<b>1234237</b>	Staked	6	2001/06/19	2004/06/19	\$2,400	0
<b>1234580</b>	Staked	4	2001/04/25	2004/04/25	\$1,600	0
1234581	Staked	14	2001/04/25	2004/04/25	\$5,600	0
<b>1234582</b>	Staked	16	2001/04/25	2004/04/25	\$6,400	0

The current work program covered parts of seven of these claims (Bold print in Table 1). No work was carried out on the remaining claims.



**Figure 2: Claims Map**

#### 4.0 PREVIOUS EXPLORATION ACTIVITIES

1939-40: J. Satterley of the Ontario Geological Survey mapped the area in 1939-1940 as part of a regional geological program.

1957: Falconbridge Nickel Mines Ltd. drilled 6 holes near the south shore of Contact Bay and 2 holes in Trap Lake in 1957. The Contact Bay holes intersected blue quartz-bearing gabbro, andesite and chlorite schist. Mineralization consisted of "minor amounts" of disseminated chalcopyrite, pyrite and pyrrhotite. One of the two holes in Trap Lake intersected granite; the other peridotite, anorthosite, serpentine and soapstone. Little in the way of mineralization was recorded.

1969-1973: Mile Lake Showing. On the south side of Mile Lake, the initial discovery of sulfides was made by J.P. Harrison in 1969 (then known as the Harrison Showing). Chalcopyrite and pyrrhotite were found in 6 locations in gabbro. The discovery was followed by a magnetometer survey by Steep Rock Iron Mines Ltd. in 1971. In 1973, Nichro Mines drilled 32 holes in the Mile Lake-Contact Bay area. Many of the holes were vertical and primarily followed a NE-trending airborne EM anomaly underlying Mile Lake. Drill results reported by Nichro indicate the intersection of medium gray gabbro with pyrrhotite-pyrite-chalcopyrite mineralization. Higher grade assay reports from Nichro's hole #5 included 0.55% Cu, 0.45% Ni, and 8.5 g/t platinum-group elements.

1980's to 1990's: During the 1980's and 1990's, the area was explored by Grand Oaks Exploration Inc., Eagle Lake Resources and Bond Gold. In the late 1980's Eagle Lake Resources reviewed the geology and examined prospects in the area. In addition, the company conducted ground magnetic and VLF surveys over the Mile Lake (Harrison) showings. Also in the late 1980's Bond Gold conducted a magnetometer and VLF study over the broader Mary Lake-Mile Lake-Trap Lake area. Grand Oaks (1991) conducted a brief examination of prospects in the area, with a focus on gold.

2000: In 2000, prospector Sherridon Johnson and A. Raoul of the Ontario Geological Survey re-sampled selected core from the Nichro holes held on file at the Core Library in Kenora. The core on file is far from complete, and results from this exercise failed to reproduce the higher grade values (8.5 grams per tonne platinum group elements) that Nichro had reported.

2001: Geological reconnaissance and prospecting/sampling activities were conducted by Atikwa in 2001. This work covered all of the Contact Bay intrusive and adjacent rocks. A total of \_\_\_ grab samples were taken throughout the area. Weak to moderately anomalous Cu and Ni values were obtained locally.

#### 5.0 PROPERTY GEOLOGY AND MINERALIZATION

The Contact Bay intrusive trends NNE with dimensions of 3.5 km N-S by 2 km E-W. Lithologies within the Contact Bay intrusive complex show it to be a differentiated mafic to ultramafic intrusion (Owens, 2001). The dominant lithologies range from leucocratic gabbro and

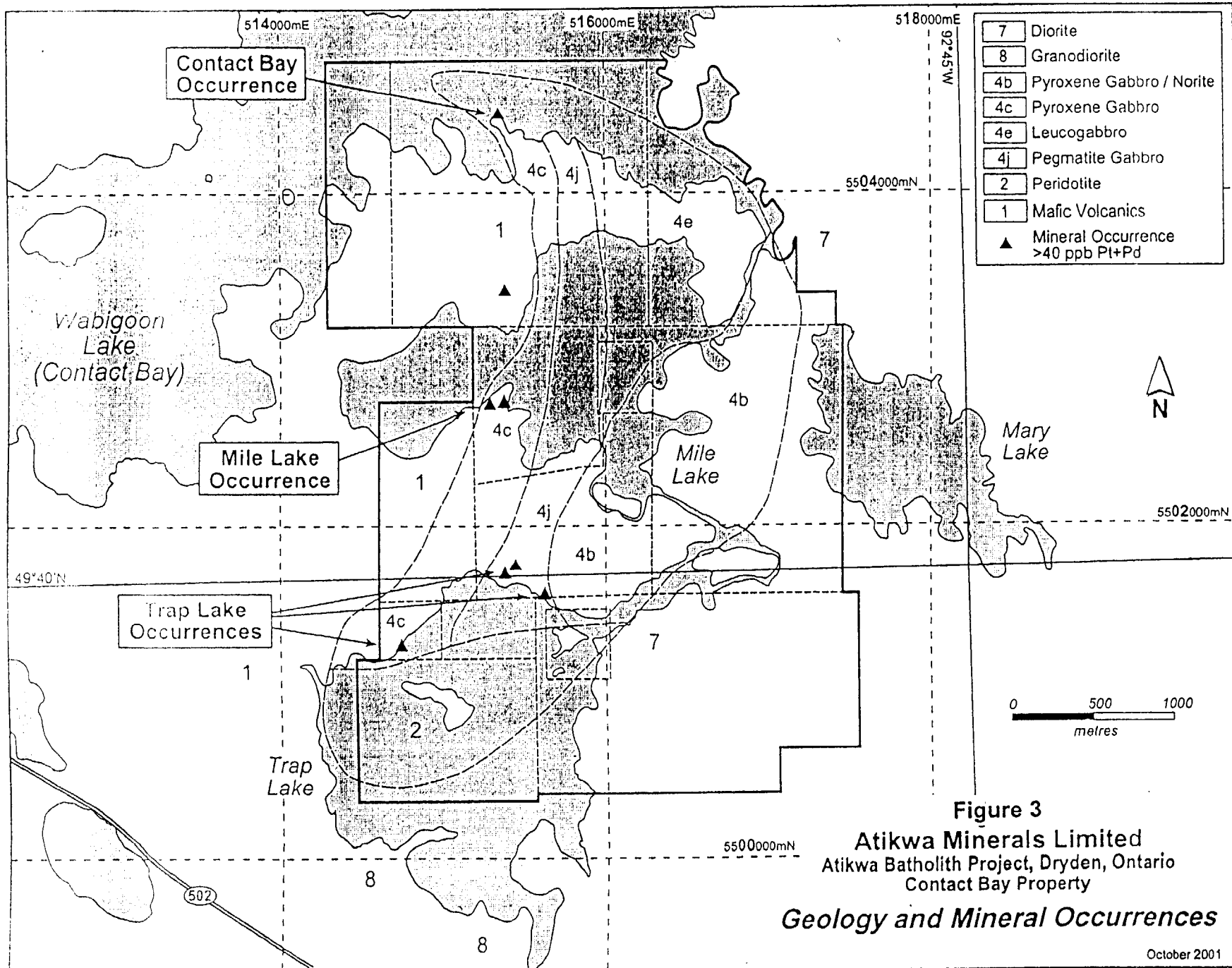
anorthositic gabbro to pyroxene gabbro and hornblende gabbro, pyroxenite, and serpentinite (Figure 3). These generally trend NW to NE and dip 60° to 88° SE. The variable trend in the layering suggests that the intrusive has been deformed. The leucogabbro and anorthositic gabbro occur as layers or irregular intrusions within gabbro. Ultramafic rocks occur south of the Mile Lake showing, along the shore and some of the islands of Mile Lake. Mafic to intermediate volcanics border the intrusive to the west and to the north. South of the mafic intrusives diorite, quartz diorite to granodiorite units have been mapped. These units may represent a portion of the Atikwa batholith.

Gabbro units are generally massive, with local subtle layering. Layering thicknesses are on the order of 1-1.5 meters, and is exhibited at the Mile Lake showing by thin, light colored anorthositic gabbro, with thicknesses on the order of 5 cm, which grade into more mafic gabbro layers with thicknesses on the order of 1.5 m.

The rocks are fine grained to coarse grained, with local pegmatitic pockets. Locally, rounded cognate inclusions of mela-gabbro and pyroxenite, ranging in size from 5 cm to 0.5m, occur in gabbro and leucocratic gabbro. Such features may be interpreted as liquid immiscibility between multiple magmas. Local areas with chlorite and sericite alteration, as at the main showing on Mile Lake, attest to the presence of late stage hydrothermal fluids. Blue quartz occurs as coarse discrete, disseminated grains and, at the Mile Lake showing, along fractures. Actinolite after hornblende and pyroxene is not widespread, but occurs locally, further suggestive of the interaction of late stage fluids with the host rocks. Finally, fine grained mafic dikes are common where stripping has exposed clean outcrop. In summary, all these features point to a dynamic mafic-ultramafic magmatic system, in which compositionally different magmas and late stage fluids interacted with one another during emplacement and crystallization.

On Trap Lake, serpentinitized ultramafic rocks occur on the islands in the lake and at one location on the northwestern shoreline. Gabbro, pegmatitic pyroxene-rich gabbro and leucogabbro underlie the north shore, and numerous sulfide-bearing sites were located. Samples 499464 and 499465 occur in a medium grained quartz-bearing gabbro with 4-5% pyrrhotite and 1-3% chalcopyrite as disseminated grains. To the east, samples 499299, 499300, 499467, 499468, and 499472-499475 occur in a coarse pyroxene gabbro which hosts segregations of green pegmatitic pyroxene-rich gabbro to leucocratic gabbro. Layering is present but not easily distinguishable and appears to trend NW. Extensive outcrops of this unit occurs on the northeast side of Trap Lake. The unit is mineralized with 3% sulfides, primarily pyrrhotite, with chalcopyrite and pyrite, as 0.5 to 1 cm blebs of both sulfides intergrown with coarse pyroxene grains.

The central part of the lake is underlain by ultramafic units that are serpentinitized, with nickel assays up to 0.1-0.2%. The south shore of the lake is underlain by quartz diorite to granodiorite and occasionally with fine grained sections which are highly siliceous and contain 1-2% pyrite. Samples 449295 and 449296 are altered gabbros to diorites with green altered feldspars, weakly to moderately magnetic, with 1-2% pyrrhotite, trace to <1.0% chalcopyrite and traces of pyrite. The unit is just south of the serpentinitized ultramafics.



The southern and northern contact between the ultramafics and adjacent gabbro, pyroxene gabbro and quartz gabbro hosts mineralization consisting of pyrite, pyrrhotite and chalcopyrite ranging from 1% to 7% combined sulfides. The ultramafics tend to contain higher nickel concentrations than the other rocks; this may simply reflect the ultramafic composition of the rocks.

On the south shore of Contact Bay, a small island (approximately @ 515400/ 5504700) contains disseminated sulfide mineralisation (2-4%) of pyrite, chalcopyrite and pyrrhotite hosted by an altered, medium grained, actinolitic gabbro. To the south of this island, the peninsula is underlain by leucocratic gabbros on the east and more mafic gabbros on the west. This package of mafic rocks is in contact with volcanic rocks (to the west); the N-trending contact skirts the western shoreline of the peninsula, and is characterized by numerous widely spaced quartz-sulfide veins oriented blique to the contact (trending 135°). Elsewhere on the peninsula, no surface sulfide mineralisation or oxidation of the outcrops was found.

## 6.0 2003 MAPPING, PROSPECTING AND TRENCHING

The 2003 exploration program was a continuation of work started by Atikwa in the summer of 2001. Areas of alteration, favorable geology, sulphide showings, etc. were tested by prospecting, and sampling as warranted. Rock samples were taken in all potentially mineralized areas. Samples were shipped to Accurassay Laboratories in Thunder Bay, Ontario for multi-element analysis.

Personnel involved in the program activities were:

Howard Coates, Senior Geologist (site visit & report)	3.3 days
John Wakeford, Senior Geologist (site visit & supervision)	1 day
Stephen Roach, Project Geologist (field work)	1.5 days
Sherridon Johnson, Prospector (field work)	15.3 days
Kevin Prouty, Field Labour (field work)	11 days
Eric Landry, Drafting/digitizing (report)	0.5 days

The prospecting party conducted detailed examinations of all known mineralized areas and prospective lithologies collecting samples for analysis as warranted. Sample locations were determined by GPS equipment, and marked with flagging tape. At the end of the prospecting program a project geologist examined key sampling sites and assisted with identification of rock types, etc.

A total of 35 bedrock grab samples were collected during the program. The locations of the samples are shown on Figure 4. From Dryden the samples were shipped by bus to Thunder Bay, to Accurassay Laboratories.

Laboratory procedures for Accurassay Laboratories are as follows:

Samples are first dried if necessary and then crushed, split and ground to a fine powder from which assay samples are taken. Preparation includes the following steps:

- jaw crushing up to 2.5kg to 0.25 inches,



- cone crush to -8 mesh,
- riffle, split and pulverize 400g to 90% -150 mesh

Gold, platinum and palladium are analysed by classical fire assay with atomic absorption spectroscopy finish (FA/AA). Nickel and copper are analysed using Aqua Regia digestion and atomic absorption (Aqua Regia/AA).

Analytical results for Au, Pt, Pd, Cu and Ni are presented in Table 2 with sample locations shown on Figure 4 and the analytical certificates are appended to this report.

Samples were generally low for PGE, gold and nickel while widespread anomalous copper values were associated with local concentrations of chalcopyrite in a variety of rock types: A few samples contained elevated gold values along with anomalous copper.

**Platinum Group Elements:** Most of the samples from the claim group returned values below the laboratories detection limits for platinum. The highest individual platinum value, 30 ppb or 0.03 g/t, was obtained from a grab sample of metamorphosed mafic volcanic rock containing minor sulphides including chalcopyrite. Palladium values were similarly low with a maximum value of only 47 ppb or 0.05 g/t.

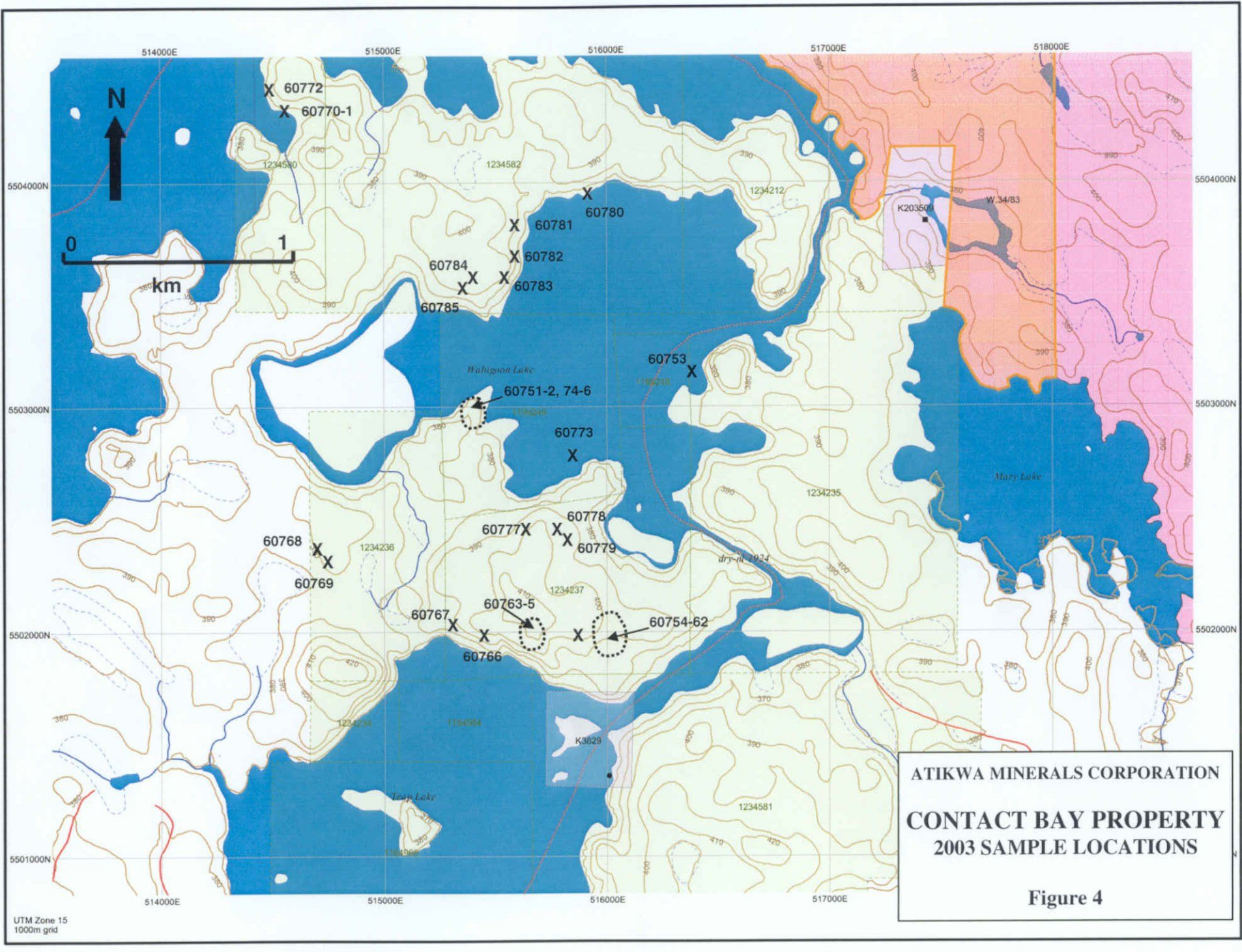
**Nickel:** Nickel values obtained during the program are mostly consistent with typical background values for the various rock types sampled. Units such as mafic volcanic rocks, metasediments, and felsic intrusive rocks contained nickel values ranging from a few ppm to about 600 ppm. It is noted that the higher values in these rock types are found adjacent to mafic to ultramafic intrusive rocks. Differentiated mafic intrusive rocks including leuco-gabbro, gabbro, and peridotite usually have normal background nickel values in the 100 to 1000+ ppm range. The highest nickel value was 1,109 ppm in a barren peridotite grab sample from a reef in Mile Lake.

**Copper:** Chalcopyrite was noted in minor amounts in a variety of rock types including, mafic to felsic dykes, micaceous schists, gabbro and leuco-gabbro. Many of the samples collected on the property were anomalous in copper with over one third containing more than 500 ppm Cu, including two grab samples over 0.2% Cu. The mineralization in all cases was patchy and of limited extent.

**Gold:** Although most samples from the property returned generally uninteresting gold values, one area in the southeast corner of Claim #1234580 stands out as a small cluster of reconnaissance samples with elevated gold. The prospecting crew reportedly were able to pan a small amount of visible gold from hand crushed material from a small quartz vein in this area. Three bedrock samples grab samples, 60770-72, assayed 0.20, 1.09 and 0.27 g/t Au respectively.

Table 2: Sample Descriptions Analytical Results

Sample Number	Location		Description			Analyses				
	Easting	Northing	Type	Lithology	Sulphides	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (ppm)	Ni (ppm)
60751	515,481	5,507,067	grab	gabbro	1-2% po cpy	10	16	<10	109	140
60752	515,480	5,503,070	grab	felsic dyke	2% po cpy	114	<15	<10	147	18
60753	515,801	5,502,829	grab	ultramafic		<5	<15	<10	4	1109
60754	515,802	5,502,010	grab	leuco-gabbro	tr po cpy	5	16	<10	279	154
60755	515,982	5,502,007	grab	felsic dyke	1% cpy po py	<5	<15	<10	243	15
60756	515,991	5,501,988	grab	gabbro	tr po cpy	17	17	<10	333	99
60757	515,996	5,501,991	grab	felsic dyke		32	26	76	931	586
60758	516,078	5,501,975	grab	gabbro	2-3% cpy po	31	19	32	2432	809
60759	516,084	5,501,955	grab	gabbro	2-3% cpy po	8	16	<10	487	211
60760	516,108	5,501,909	grab	gabbro	1% cpy po py	<5	<15	<10	154	87
60761	516,146	5,501,924	grab	gabbro	2-3% cpy po	15	17	<10	1580	83
60762	516,146	5,501,958	grab	gabbro	2-3% cpy po	40	16	12	1535	298
60763	515,710	5,501,905	grab	gabbro	1-2% po cpy	30	<15	15	756	515
60764	515,712	5,501,912	grab	gabbro	1-2% po cpy	27	<15	19	1407	231
60765	515,741	5,502,022	grab	gabbro	tr po cpy	11	<15	71	382	384
60766	515,404	5,501,988	grab	felsic dyke	1% po cpy py	7	<15	<10	261	206
60767	515,300	5,502,023	grab	gabbro	1-3% py	27	<15	<10	945	13
60768	513,742	5,502,367	grab	gabbro	1-3% py	<5	<15	<10	46	331
60769	513,756	5,502,357	grab	mafic dyke	tr po cpy	7	<15	10	36	20
60770	514,523	5,504,359	grab	Qtz vein	VG	200	15	<10	186	19
60771	514,523	5,504,359	grab	Qtz vein	VG	1091	<15	<10	89	24
60772	514,559	5,589,982	grab	Qtz vein		265	<15	11	134	29
60773	516,353	5,503,203	grab	gabbro		9	<15	<10	22	24
60774	515,454	5,503,098	grab	felsic dyke	tr cpy	23	<15	32	102	40
60775	515,412	5,503,049	grab	gabbro	2-3% cpy po	<5	<15	<10	453	14
60776	515,412	5,503,049	grab	gabbro	2-3% cpy po	6	<15	<10	288	35
60777	515,701	5,502,490	grab	gabbro	tr cpy	36	21	47	2513	1072
60778	515,712	5,502,461	grab	felsic dyke	2-3% cpy po	19	<15	<10	448	16
60779	515,739	5,502,419	grab	mafic dyke	tr po cpy	61	24	<10	382	61
60780	515,949	5,503,957	grab	talc schist	tr py cpy	8	<15	<10	279	103
60781	515,647	5,503,797	grab	mafic vol.	1-2% po cpy	9	30	17	299	230
60782	515,590	5,503,550	grab	mica schist	3% po cpy po	6	22	<10	75	77
60783	515,579	5,503,551	grab	mica schist	3% po cpy po	119	17	<10	693	40
60784	515,388	5,503,548	grab	felsic dyke	1-2% po cpy	30	<15	<10	248	113
60785	515,386	5,503,558	grab	felsic dyke	1-2% po cpy	106	<15	<10	1012	62



**ATIKWA MINERALS CORPORATION**  
**CONTACT BAY PROPERTY**  
**2003 SAMPLE LOCATIONS**

**Figure 4**

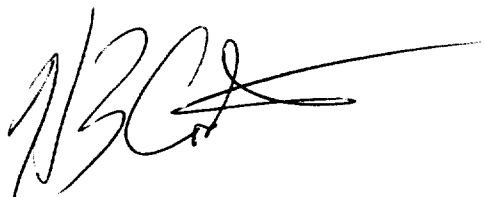
UTM Zone 15  
1000m grid

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

It is concluded that the work to identify anomalous concentrations of PGE's associated with differentiated mafic/ultramafic plutonic rocks was well planned and thoroughly executed. The generally poor analytical results from this and earlier work has shown that there is little likelihood of finding significant concentrations of this type of mineralization in the portions of the area amenable to surface prospecting. In essence no encouraging factors have been identified to justify ongoing exploration for this type of target.

No further work is recommended on the property.

Respectfully Submitted,

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

Howard J. Coates, M.Sc., P. Geo.  
Exploration Manager  
February 13, 2004



**SUMMARY OF EXPENDITURES**

Atikwa Minerals Limited  
 Summary of Expenditure Fortune Lake, Canmine Option  
 August, 2003 to February, 2004

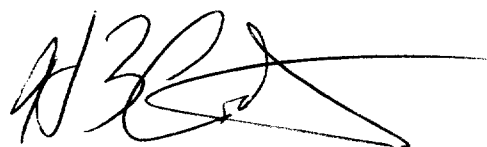
<b><u>Expenses</u></b>	<b><u>Year to Date</u></b>
Geology	\$2,669.00
Prospecting/field labour	\$3,400.00
Drafting/digitizing	\$ 120.00
Surface transportation (air fares, vehicle, boat rental)	\$1,326.88
Food and accommodation	\$ 22.50
Communications	\$ 36.47
Field supplies, consumables	\$ 10.32
Assays/analyses	\$ 447.00
	-----
<b>Total of Exploration Expenses</b>	<b>\$8,032.17</b>

**CERTIFICATE OF QUALIFICATION**

I, H. J. Coates, of Mississauga, Ontario do hereby certify that:

1. I am a consulting geologist with an office at 615-133 Richmond Street West, Toronto, Ontario, Canada.
2. I am a graduate of Memorial University of Newfoundland in St. John's, Newfoundland and hold a degree of Master of Science in Geology.
3. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of Newfoundland, as a Professional Geoscientist, Membership No. 03766.
4. I have practiced my profession continuously for a period of 32 years including substantial work on base and precious metals projects in the Superior Province, other parts of Canada and several overseas countries.
5. All data presented in this report is factual and true to the best of my knowledge, and all interpretations are based on sound geological principles.

Mississauga, Ontario  
February 13, 2004



Howard J. Coates, M.Sc., P. Geo.

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Wagg, C., 1991, A Geological and Geophysical Reconnaissance of the Contact Bay Property, Private Report for Grand Oakes Exploration Inc.

2 . 277 . 0 . 0

**APPENDIX 1**

**Assay Certificates**



1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3  
PHONE (807) 626-1630 FAX (807) 623 6820 EMAIL [accuracy@tbaytel.net](mailto:accuracy@tbaytel.net) WEB [www accurassay.com](http://www accurassay.com)

# Certificate of Analysis

*Contact R.*

Friday, September 19, 2003

Atikwa Minerals  
347 Bay St., Suite 404  
Toronto, ON, CA  
M5H2R7  
Ph#: (416) 214-4884  
Fax#: (416) 214-5599  
Email [johnw@atikwa.com](mailto:johnw@atikwa.com)

Date Received : 12-Sep-03  
Date Completed : 18-Sep-03  
Job # 200341284

Reference :

Sample #: 26      Rock

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb	Ag ppm	Co ppm	Cu ppm	Fe ppm	Ni ppm	Pb ppm	Zn ppm
55062	60751	10	16	<10				109		140		
55063	60752	114	<15	<10				147		18		
55064	60753	<5	<15	<10				4		1109		
55065	60754	5	16	<10				279		154		
55066	60755	<5	<15	<10				243		15		
55067	60756	17	17	<10				333		99		
55068	60757	32	26	76				931		586		
55069	60758	31	19	32				2432		809		
55070	60759	8	16	<10				487		211		
55071	60760	<5	<15	<10				154		87		
55072	Check 60760	<5	16	<10				145		83		
55073	60761	15	17	<10				1580		298		
55074	60762	40	16	12				1535		515		
55075	60763	30	<15	15				756		231		
55076	60764	27	<15	19				1407		384		
55077	60765	11	<15	71				382		206		
55078	60766	7	<15	<10				261		13		
55079	60767	27	<15	<10				945		331		
55080	60768	<5	<15	<10				46		20		
55081	60769	7	<15	10				36		19		
55082	Check 60769	6	<15	<10				39		21		
55083	60770	200	15	<10				186		24		
55084	60771	1091	<15	<10				39		29		

PROCEDURE CODES: AL4APP, AL4Cu, AL4Ni

Certified By:

*[Signature]*  
Derek Demianiuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

Page 1 of 2

1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3  
 PHONE (807) 626-1630 FAX (807) 623 6820 EMAIL [accuracy@tbaytel.net](mailto:accuracy@tbaytel.net) WEB [www accurassay.com](http://www accurassay.com)

# Certificate of Analysis

Friday, September 19, 2003

 Atikwa Minerals  
 347 Bay St. , Suite 404  
 Toronto, ON, CA  
 M5H2R7  
 Ph#: (416) 214-4884  
 Fax#: (416) 214-5599  
 Email [johnw@atikwa.com](mailto:johnw@atikwa.com)

Date Received : 12-Sep-03

Date Completed : 18-Sep-03

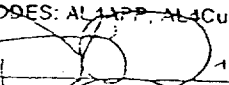
Job # 200341284

Reference :

Sample #: 26      Rock

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb	Ag ppm	Co ppm	Cu ppm	Fe ppm	Ni ppm	Pb ppm	Zn ppm
55085	60772	265	<15	11				134		24		
55086	60773	9	<15	<10				22		40		
55087	60774	23	<15	32				102		14		
55088	60775	<5	<15	<10				453		35		
55089	60776	6	<15	<10				288		38		

PROCEDURE CODES: AL1APP, AL4Cu, AL4Ni

Certified By: 

Derek Demianuk, B.Sc., Laboratory Manager

The results included on this report relate only to the items tested

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Page 2 of 2

AL917-0119-00019200303 13 PM





1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3  
 PHONE (807) 626-1630 FAX (807) 623 6820 EMAIL accuracy@tbaytel.net WEB www accurassay.com

## Certificate of Analysis

# 2.27703

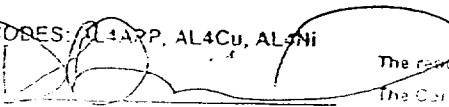
Monday, October 06, 2003

Atikwa Minerals  
 347 Bay St., Suite 404  
 Toronto, ON, CA  
 M5H2R7  
 Ph#: (416) 214-4884  
 Fax#: (416) 214-5599  
 Email johnw@atikwa.com

Date Received : 30-Sep-03  
 Date Completed : 06-Oct-03  
 Job # 200341405  
 Reference : S. Johnson  
 Sample #: 20      Rock

Accurassay #	Client Id	Au ppb	Pt ppb	Pd ppb	Rh ppb	Ag ppm	Co ppm	Cu ppm	Fe ppm	Ni ppm	Pb ppm	Zn ppm
60050	60777	36	21	47				2513		1072		
60051	60778	19	<15	<10				448		16		
60052	60779	61	24	<10				382		61		
60053	60780	8	<15	<10				279		103		
60054	60781	9	30	17				299		230		
60055	60782	6	22	<10				75		77		
60056	60783	119	17	<10				693		40		
60057	60784	30	<15	<10				248		10		
60058	60785	106	<15	<10				1012		22		
60059	60786	6	<15	<10				323		207		
60060	Check 60786	5	<15	<10				329		211		
60061	60787	6	<15	<10				308		185		
60062	60788	21	<15	<10				1201		229		
60063	60789	30	<15	<10				908		55		
60064	60790	27	42	47				737		279		
60065	60791	70	95	91				1962		555		
60066	60792	35	83	117				1235		460		
60067	60793	127	197	364				4593		1426		
60068	60794	77	128	245				3725		989		
60069	60795	60	123	159				1473		377		
60070	Check 60795	69	112	151				1484		362		
60071	60796	35	34	61				833		171		

PROCEDURE CODES: AL4APP, AL4Cu, AL4Ni

Certified By: 

Derek Demianuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

Page 1 of 1

AL91010100000003 10 PM



Date: 2004-MAY-27

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

ATIKWA MINERALS LIMITED  
347 BAY STREET  
SUITE 404  
TORONTO, ONTARIO  
M5H 2R7 CANADA

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

**Submission Number:** 2.27703  
**Transaction Number(s):** W0410.00769

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 BRUCE GATES by email at [bruce.gates@ndm.gov.on.ca](mailto:bruce.gates@ndm.gov.on.ca) or by phone at (705) 670-5856.

Yours Sincerely,



Roy Denomme  
Senior Manager(A), Mining Lands Section

**Cc:** Resident Geologist

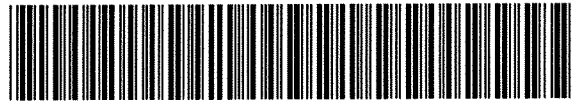
Perry Vern English  
(Claim Holder)

Atikwa Minerals Limited  
(Assessment Office)

Assessment File Library

Atikwa Minerals Limited  
(Claim Holder)

Bradley Kipp  
(Agent)



52F10NW2006 2.27703

CONTACT BAY (WABIGOON LAKE)

200

ONTARIO CANADA

MINISTRY OF NORTHERN DEVELOPMENT AND MINES  
PROVINCIAL MINING RECORDERS' OFFICE

Mining Land Tenure Map

Date / Time of Issue: Thu Jun 03 09:15:38 EDT 2004

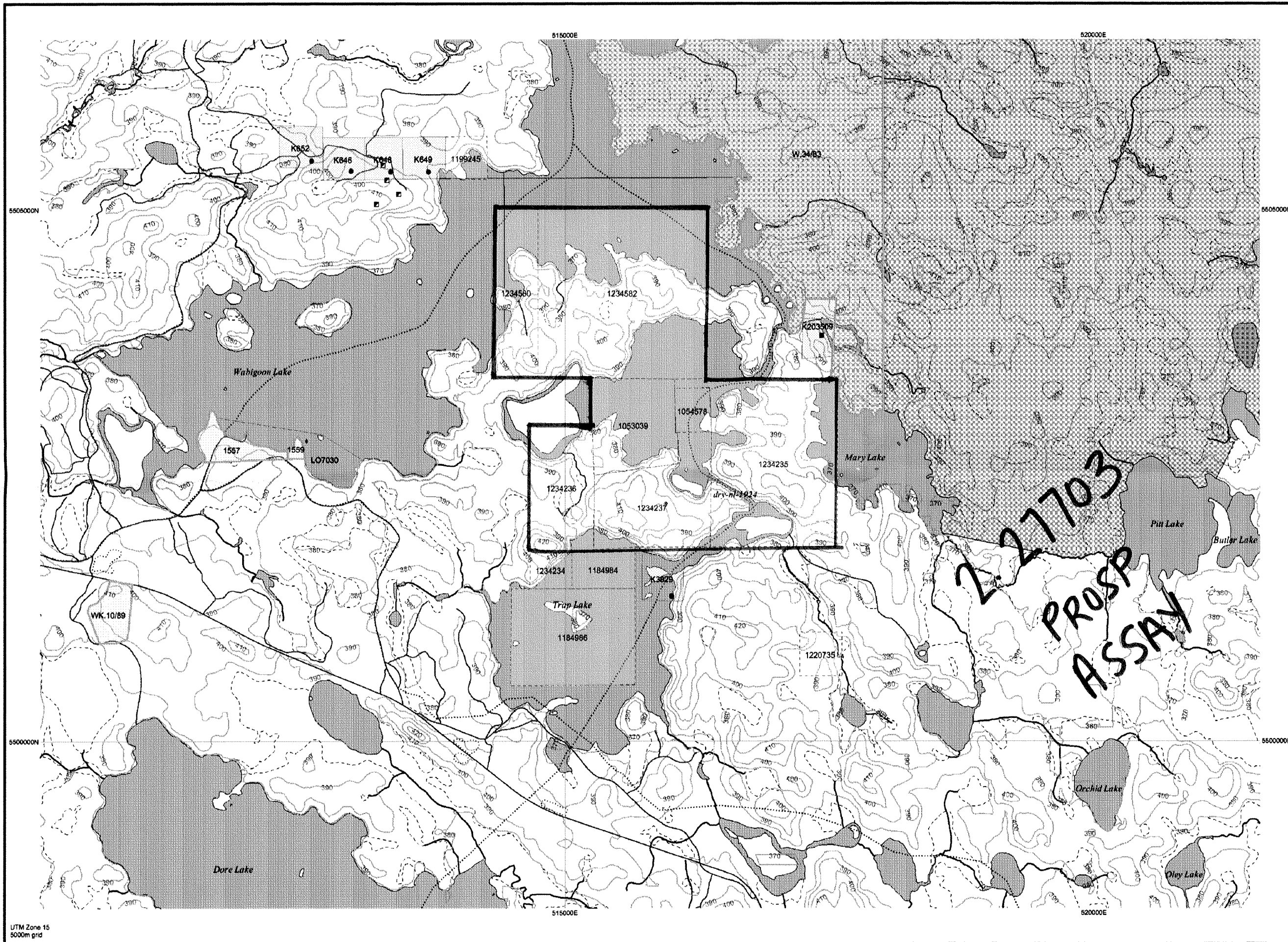
TOWNSHIP / AREA  
CONTACT BAY ARE

PLAN  
G-2579

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division  
Land Titles/Registry Division  
Ministry of Natural Resources District

Kenora  
KENORA  
DRYDEN

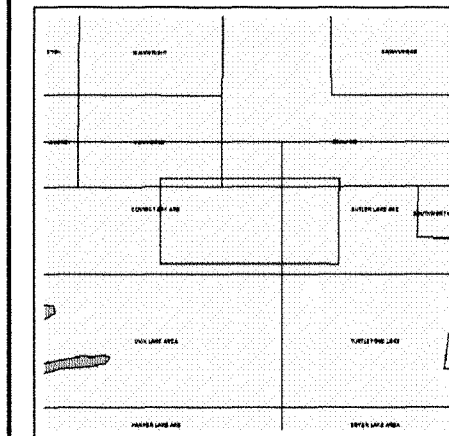


TOPOGRAPHIC

- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

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
- Licence of Occupation**
  - Uses Not Specified
  - Surface And Mining Rights
  - Surface Rights Only
  - Mining Rights Only
  - Land Use Permit
  - Order In Council (Not open for staking)
  - Water Power Lease Agreement
- Mining Claim**
  - 1234567
  - 1234567
- Fed Only Mining Claims**
  -
- LAND TENURE WITHDRAWALS**
  - 1234 Areas Withdrawn from Disposition
  - Mining Acts Withdrawal Types**
    - Wsm Surface And Mining Rights Withdrawn
    - Ws Surface Rights Only Withdrawn
    - Wm Mining Rights Only Withdrawn
  - Order In Council Withdrawal Types**
    - Wsm Surface And Mining Rights Withdrawn
    - Ws Surface Rights Only Withdrawn
    - Wm Mining Rights Only Withdrawn
  - No IMPORTANT NOTICES



LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
1433	Wsm	Jan 1, 2001	Pending Disposition Under the Public Lands Act
1440	Wsm	Jan 1, 2001	Pending Disposition Under the Public Lands Act
1557	Ws	Jan 19, 1983	PROPOSED PARK RESERVE JAN 19/83 S.R.O. PUBLIC LANDS ACT
1559	Wsm	Jan 1, 2001	PROPOSED SHORT TERM LUD SPRING #6
W.34/83	Wsm	Aug 23, 1983	W.34/83 8/23/83 M&S 168513
W.6/83	Wm	Apr 11, 1983	SEC.36/80 W.6/83 11/4/83 M.R.O. 14683
WK.10/89	Wsm	May 8, 1989	WK.10/89 MAY 8/89 S&M

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

General Information and Limitations  
Contact Information:  
Provincial Mining Recorders' Office  
Willet Green Miller Centre 933 Ramsey Lake Road  
Sudbury ON P3E 6B5  
Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mlsnpnpgc.htm

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.