

We are committed to providing [accessible customer service](#).
If you need accessible formats or communications supports, please [contact us](#).

Nous tenons à améliorer [l'accessibilité des services à la clientèle](#).
Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez [nous contacter](#).

Jan 6, 2017

To Whom It May Concern:

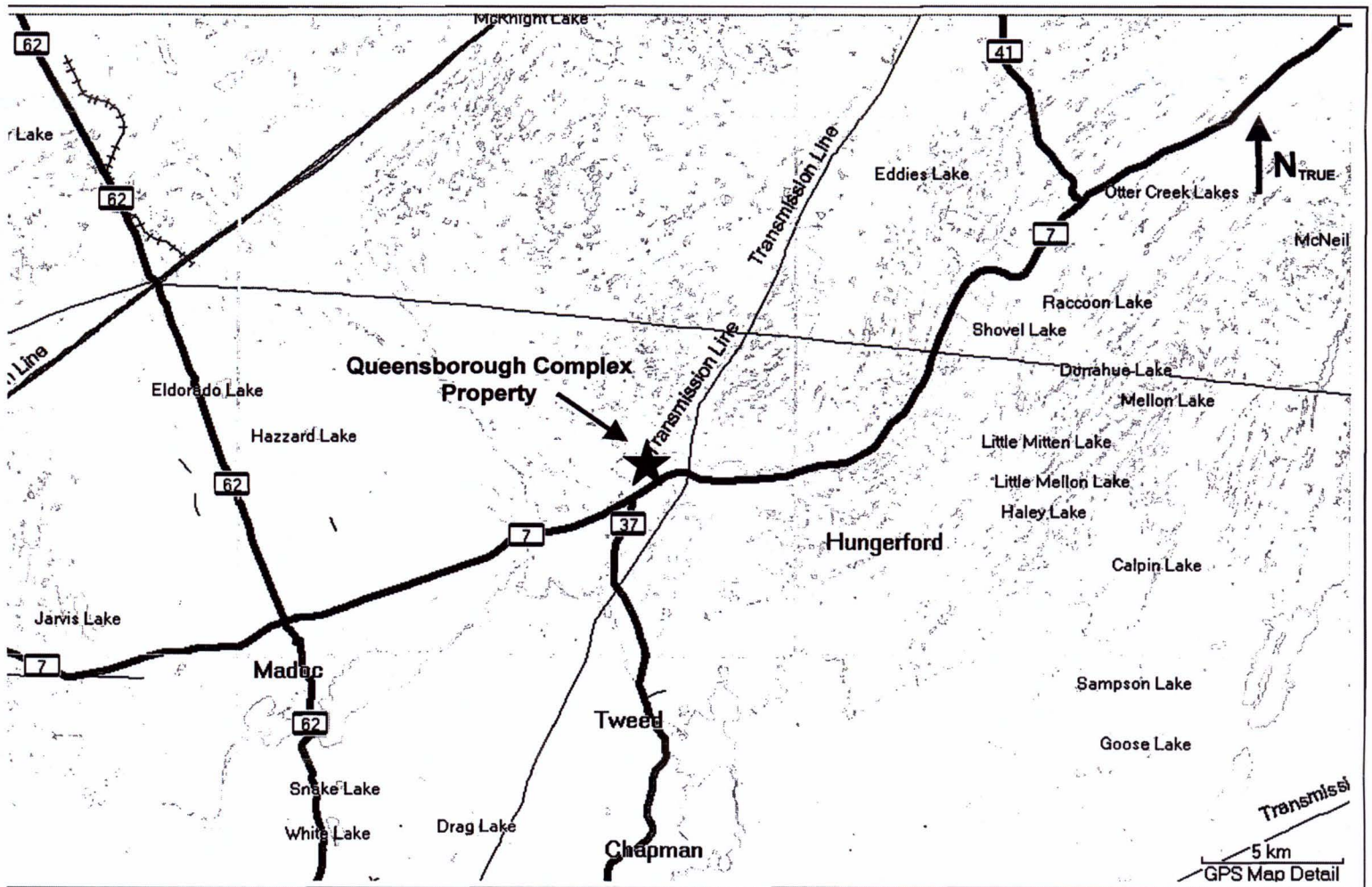
I Diane Milligan client # 402982, cut and prepared five soapstone samples from claim 501077481, from a previous sampling program.

These five samples were sent to Sesscientifics Laboratory in Guelph Ontario for asbestos testing.

All five samples were tested resulting in asbestos detected under Regulation 278/05.

Even though, the Milligan Quarry or Rockmanite Soapstone has been previously tested asbestos free by my previous deceased partner and MNM laboratories as asbestos free, therefore there seems to be a need for further investigation about this Regulation 278/05 and the discrepancies between government agencies for all minerals that contain tremolite, actinolite, and anthophyllite, as are now being classified as a asbestos a harmful material and for all the artist, sculptures, mineral collectors and soapstone deposit, jade deposits will need clarification from MNM.

Thank You Diane Milligan



Map 1: Mining Lands Road Map

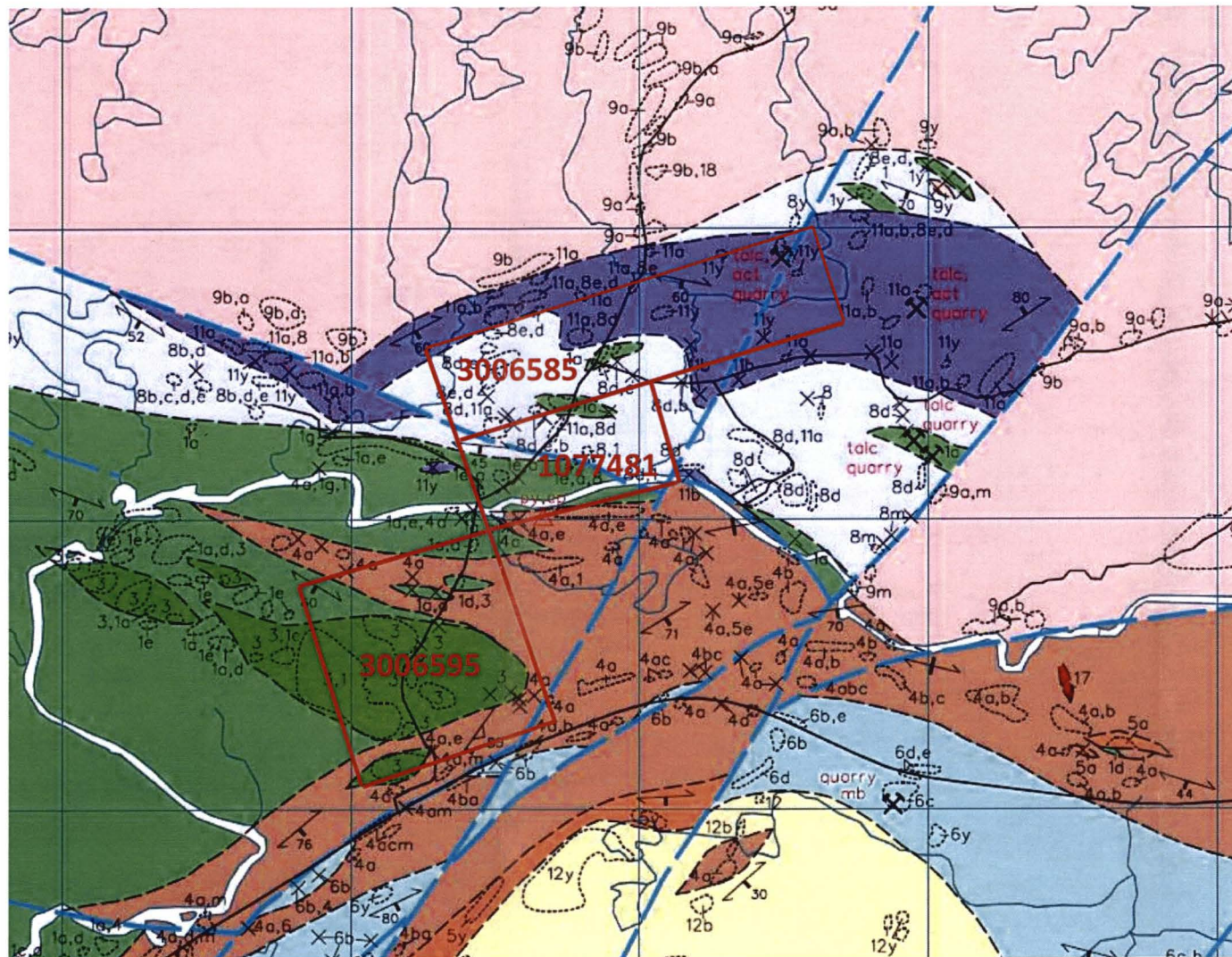


D. Milligan Claims
Elzevir Township
Location and Geology

Legend

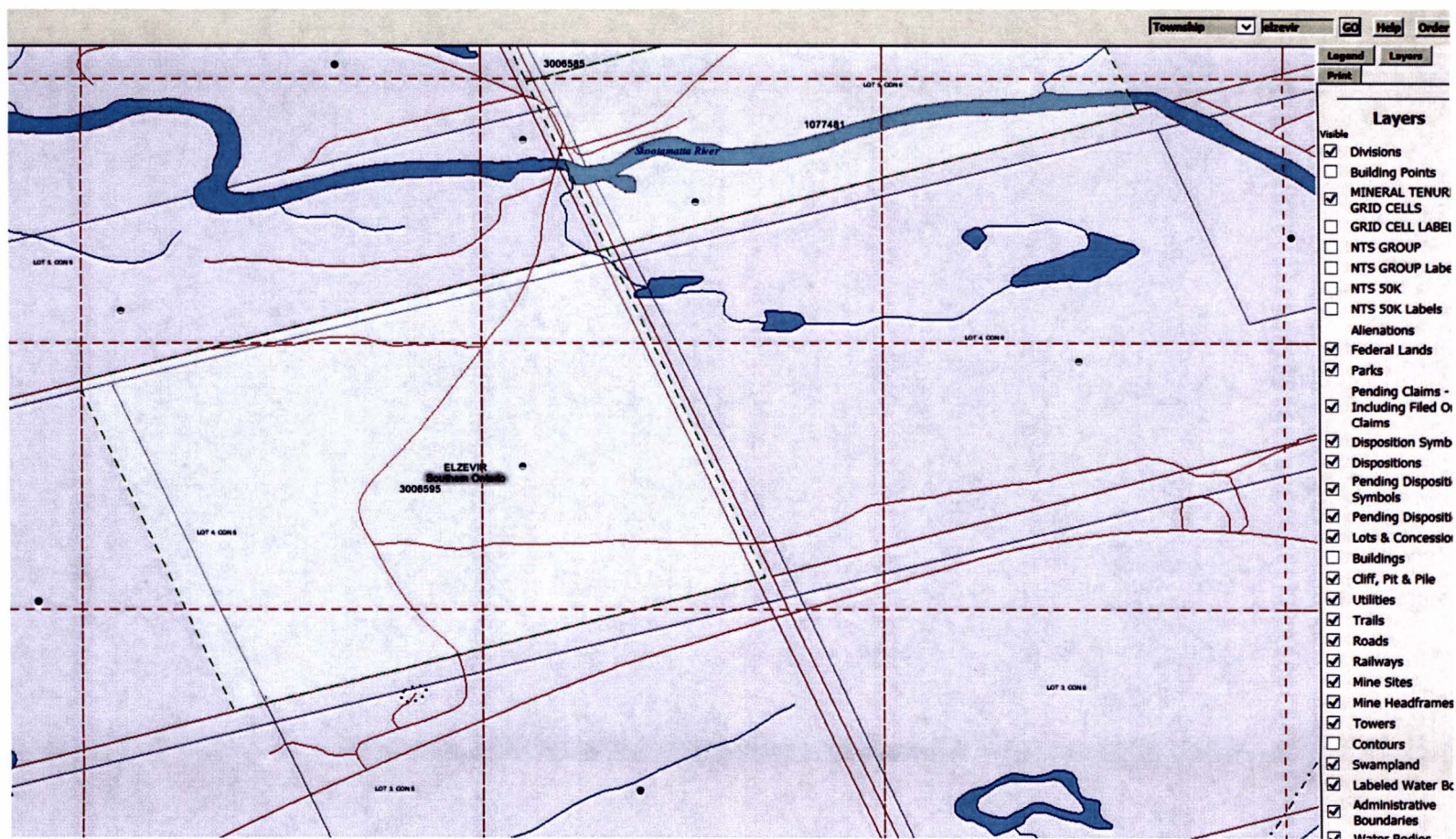
- 11 – talcose schist
- 9 – granodiorite
- 8 – diorite
- 6 – carbonate metasediments
- 4 – volcaniclastic rocks
- 3 – gabbro
- 1 – mafic metavolcanics

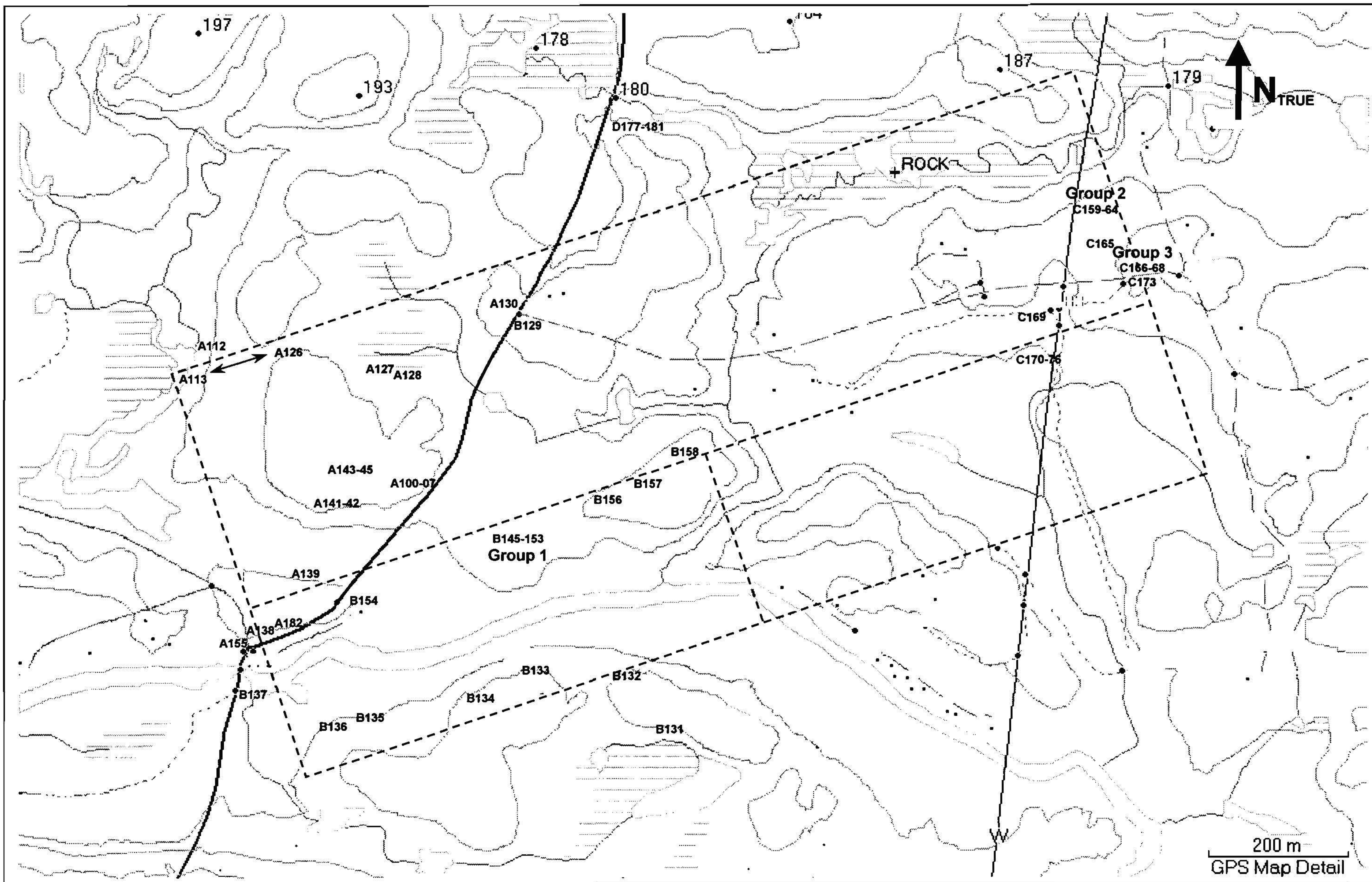
Geology from OGS Map P3181,
Elzevir Area, South Half



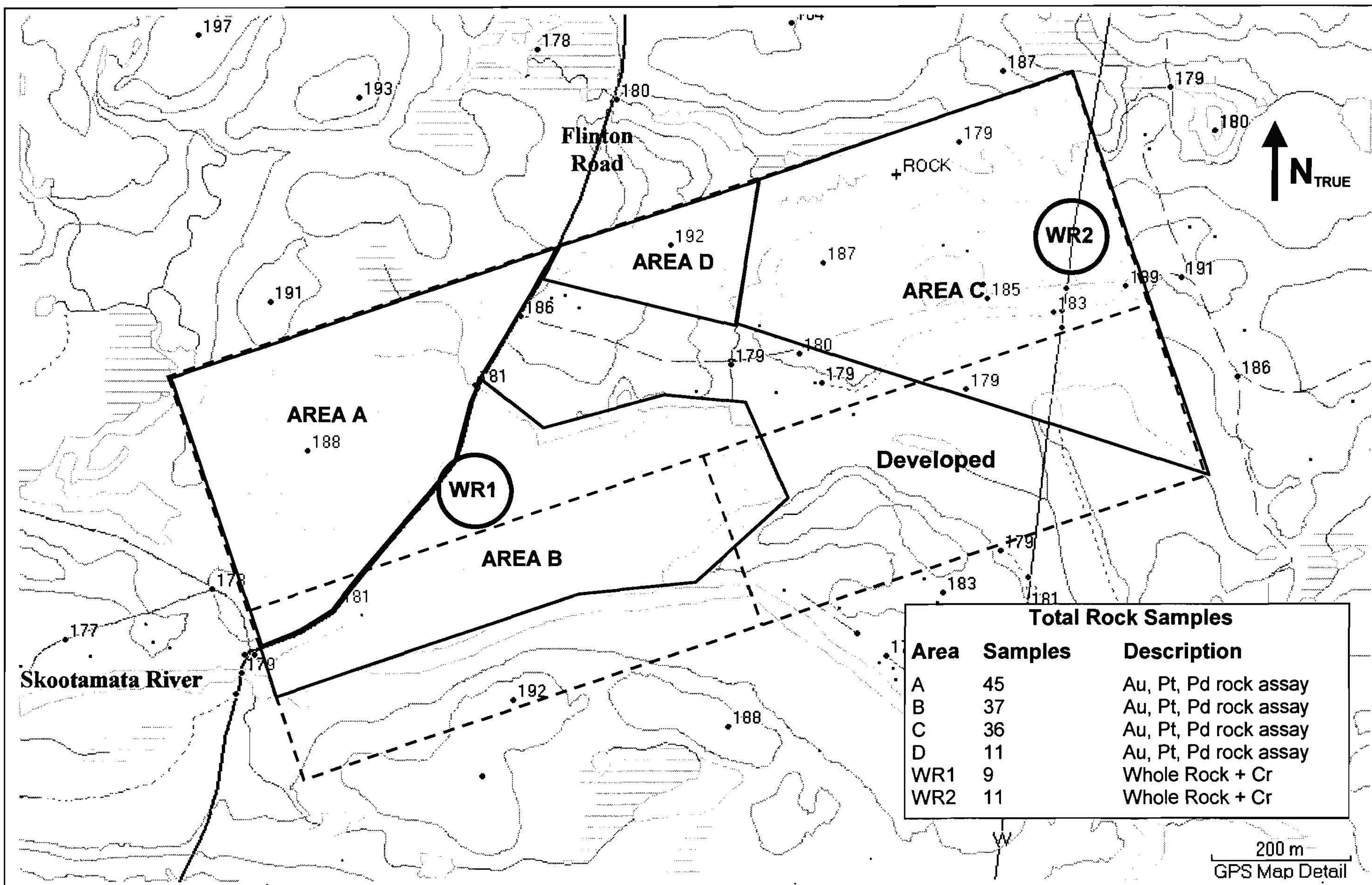
0

1km





Map 6: Location of 100 Series rock samples



**Map 3: Overview of Survey Areas for Rock Sampling
& Sampling Density by Area**

- 2) **Lithology:** The entire survey area overlies unaltered and altered high magnesium gabbros and serpentinites. There is a strong correlation between topography and the presence of schistose, talcose and highly carbonatized ultramafics, but not necessarily with structures. This necessitates a fresh approach to exploration because several unexplored low lying wet areas may be host to quality soapstone and have no obvious kinematic indicators. Thrust structures may underlie these areas without any significant indication.
- 3) **Soapstone:** Several new soapstone or carving stone occurrences have been discovered. Namely Samples B164, B153, A166 and A130. The thickness of soapstone horizons (pods) is measured in metres and is therefore easy to overlook.
- 4) **Structures:** Two new structures have been identified:
 - A lineament of carbonate talc schists (soapstone). See Map #5 for location. This lineament includes the existing bulk sample soapstone quarry.
 - A quartz carbonate vein at the intersection of hydro line and road as shown on Map #5.

Discussions

Rocks from the Rockmanite soapstone quarry: Samples B145 to B153

The rocks from the soapstone quarry vary considerably in terms of major oxide chemistry and degree of alteration over only a few metres. It is without question that magnesium rich gabbro and serpentinites are inter-fingered and most likely represents cumulates associated with juvenile magma fractionation during rifting centre emplacement as opposed to forceful injection of gabbroic magma into ultramafic layers (or vice versa). The rock layers dip on average 70 degrees to the south and is indicative of much uplift and reflects a regional trend. The foliation of the more schistose rocks strike east west. Thrust slip is observable in several highly silicified brecciated veins and major thrust faults in proximity to the quarry.

All the above samples were analyzed for Au, Pt, Pd and major oxides plus chromium. Referring to Table #1, all samples assayed very low for precious metals. Though the focus of this project was on precious metals and based on the ultramafic nature of these rocks and structures, special attention should be given to the soapstone in this test quarry.

Referring to major oxide data in Table #3, magnesia ranges from 13% to 31%: related to gabbros and extremely altered serpentinites respectively. This cumulate sequence thus represents an excellent cross section of the upper ultramafic/lower gabbroic zone of an ophiolite. The consistently high concentration of chrome in all samples is additional evidence of the ultramafic nature of these rocks. This sequence is only 160 metres ESE from a similar and very well documented rock cross-section (LeBaron, 1987), though more mafic than ultramafic. Refer to Appendix B.

The proximity of brittle gabbros and less competent ultramafic cumulate layers to a major trust fault resulted in the preferential shearing and subsequent hydrothermal alteration of the serpentinites. There is evidence of strain shadows at the macroscopic level. The red soapstone (Sample B150) is highly foliated (very schistose) and carbonatized whereas the dark green to black soapstone (Sample B153) has no carbonates or micas including chlorite. These samples are only 12 metres apart. The texture of sample B153 is highly crystalline (large spherical radiating crystals of a yet unidentified alteration mineral(s)) which can only occur in a strain free environment. Loss on ignition ranged from 3% to 17%: B149 the least altered gabbro and B150 being the most altered ultramafic (serpentine) respectively.

Chain of Custody



LEX Scientific Inc.

2 Quebec Street, Suite 204, Guelph, ON N1H 2T3

Phone: 519-824-7082

Fax: 519-824-5784

lab@lexscientific.com

Contact:

Name

DIANE MILLIGAN

Company

Address

15A BAKLEY AVE

Phone

Cell

613-848-1500

e-mail

rockmanite@yahoo.ca

Sampling Date

Dec 29, 2016

Location

Special Instructions

ATTENTION BERNI

Send initial results by:

Fax ☐Phone ☐Cell ☐e-mail ☒

choose one only

FOR ASBESTOS, BULK, PLM ANALYSIS:

TAT REQUIRED: Immediate

6-Hours 1-Day 2-Days 3-5 Days

Lab use

Sample ID

Sample Description / Matrix

Layered?

Layering: Describe each layer to be analyzed

1	1-B147	1 cubic inch Soapstone	No	Yes
2	2-B148	1 cubic inch Soapstone	No	Yes
3	3-B153	1 cubic inch Soapstone	No	Yes
4	4-B155	1 cubic inch Soapstone	No	Yes
5	5-B171	1 cubic inch Soapstone	No	Yes

No Yes

No Yes

No Yes

No Yes

No Yes

Use Page 2(a) for additional PLM samples

Each layer will be charged as a separate analysis

- ☐ Asbestos, Air, PCM
☐ Asbestos, TEM, Chatfield
☐ Asbestos, TEM, Conventional
☐ Asbestos, TEM NOB Gravimetric

- ☐ Fungal Spore, Air-O-Cell, Count, ID
☐ Fungal Spore, ID
☐ Mould, Culture, Count
☐ Mould, Culture, Count, ID

- ☐ Lead
☐ Radon
☐ Formaldehyde
☐ UFFI

- ☐ Particle Size
☐ Gravimetric analysis
☐ Microscopic analysis
☐ SEM/EDXA
☐ Other analysis (not listed)

TAT REQUIRED:

(Not all TATs are available for all tests. Please contact Sample Reception for information)

Immediate 6-Hours 1-Day 2-Days 3-Days 4-Days 5-Days 6-Days 7-10 Days 12-Days 2-Weeks

Lab use

Sample ID

Sample Description / Matrix

Additional details for requested analysis

RECEIVED

LEX Scientific Inc.

DEC 30 2016

08171801

GL

10:00 AM

Use Page 2(b) for additional samples

Authorization signature:

Diane Milligan
 (signature and full name must appear on the form for work to proceed)

Date:

Dec 28, 2016



SOLUTIONS
FOR A WORKING WORLD

CERTIFICATE OF ANALYSIS

Company:	Ms. Diane Milligan	Report Date:	06-Jan-17
Contact:	Ms. Diane Milligan	Analysis Date:	06-Jan-17
Client Address:	15A Oakley Lane, ,	Received Date:	30-Dec-16
Client Reference:	Not Provided	LEX Project Number:	08161801
Sampling Date:	29-Dec-16	Number of Analyses:	5

Analysis Requested Bulk Asbestos by PLM

Page 1 of 2

Analysis was performed in accordance with the method EPA/600/R-93/116, Method for the Determination of Asbestos in Bulk Building Materials adopted in Designated Substance - Asbestos on Construction Projects and in Buildings and Repair Operations - made under the Occupational Health and Safety Act Ontario Regulation 278/05. LEX Scientific Inc. is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP 101949) by the National Institute of Standards and Technology for analysis of bulk materials for asbestos.

German Leal, B.Sc.
Laboratory Manager

Fibrous Asbestos Content %		Other Materials Content %	
Client Sample: 1-B147	Asbestos Detected?	Yes	
LEX Sample: 01	Chrysotile:	None Detected	Cellulose: None Detected
Layers Analyzed: Sample Homogenized	Amosite:	None Detected	MMVF: None Detected
Colour: Brown/Grey	Crocidolite:	None Detected	Other Fibres: 15
Description: 1 Cubic inch soapstone	Other Amphiboles:	a: 5	Non Fibrous: 80
	Comments:	This sample meets the definition of "asbestos containing material" according to Ontario Regulation 278/05.	

Other Amphiboles: ac=actinolite, a=anthophyllite, t-tremolite, u=unidentified
MMVF: Man Made Vitreous Fibres: Fibreglass, Min. Wool, Rockwool, Glasswool
PLM - method detection limit is 0.1%

Analyst

This test report relates only to the items tested and must not be used to claim product endorsement by NVLAP or any agency of the United States government. This test report must not be reproduced, except in full, without the written consent of the laboratory.

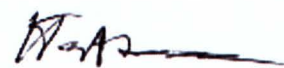
2 Quebec Street, Suite 204 Guelph, Ontario N1H 2T3

1.800.824.7082

e-mail: admin@lexscientific.com Website: www.lexscientific.com

Fibrous Asbestos Content %		Other Materials Content %	
Client Sample: 1-B148	Asbestos Detected?	Yes	
LEX Sample: 02	Chrysotile:	None Detected	Cellulose: None Detected
Layers Analyzed: Sample Homogenized	Amosite:	None Detected	MMVF: None Detected
Colour: Green/Grey	Crocidolite:	None Detected	Other Fibres: 10
Description: 1 Cubic inch soapstone	Other Amphiboles:	a: 15	Non Fibrous: 75
	Comments:	This sample meets the definition of "asbestos containing material" according to Ontario Regulation 278/05.	
Client Sample: 1-B153	Asbestos Detected?	Yes	
LEX Sample: 03	Chrysotile:	None Detected	Cellulose: None Detected
Layers Analyzed: Sample Homogenized	Amosite:	None Detected	MMVF: None Detected
Colour: Green/Grey	Crocidolite:	None Detected	Other Fibres: 15
Description: 1 Cubic inch soapstone	Other Amphiboles:	a: 20	Non Fibrous: 65
	Comments:	This sample meets the definition of "asbestos containing material" according to Ontario Regulation 278/05.	
Client Sample: 1-B155	Asbestos Detected?	Yes	
LEX Sample: 04	Chrysotile:	None Detected	Cellulose: None Detected
Layers Analyzed: Sample Homogenized	Amosite:	None Detected	MMVF: None Detected
Colour: Brown/Green	Crocidolite:	None Detected	Other Fibres: 10
Description: 1 Cubic inch soapstone	Other Amphiboles:	a: 0.5	Non Fibrous: 89.5
	Comments:	This sample meets the definition of "asbestos containing material" according to Ontario Regulation 278/05.	
Client Sample: 1-B171	Asbestos Detected?	Yes	
LEX Sample: 05	Chrysotile:	None Detected	Cellulose: None Detected
Layers Analyzed: Sample Homogenized	Amosite:	None Detected	MMVF: None Detected
Colour: Brown/Grey	Crocidolite:	None Detected	Other Fibres: 15
Description: 1 Cubic inch soapstone	Other Amphiboles:	a: 5	Non Fibrous: 80
	Comments:	This sample meets the definition of "asbestos containing material" according to Ontario Regulation 278/05.	

Other Amphiboles: ac=actinolite, a=anthophyllite, t-tremolite, u=unidentified
 MMVF: Man Made Vitreous Fibres: Fibreglass, Min. Wool, Rockwool, Glasswool
 PLM - method detection limit is 0.1%



Analyst

This test report relates only to the items tested and must not be used to claim product endorsement by NVLAP or any agency of the United States government. This test report must not be reproduced, except in full, without the written consent of the laboratory.

