TRIGAN RESOURCES INC.

ASSESSMENT REPORT

TITANIUM/AGGREGATE PROPERTY

METHUEN TOWNSHIP, SOUTHERN ONTARIO DISTRICT

2.22036

December 5th, 2001

CONTENTS

SUMMARY

During the summer of 2001, Trigan Resources Inc. (Trigan) carried out work to further evaluate the aggregate potential on its claims in Methuen Township South in Southern Ontario. The work consisted of field traverses to check the extent and quality of the two gabbro bodies (East and West Gabbro bodies) covered by the claims, as well as the collection and aggregate testing of samples of the West Gabbro and an adjacent granite body.

The field traverses confirmed the presence and extent of the gabbro bodies, but because of surface weathering offered little information or confirmation of the quality of the gabbro as an aggregate resource. It was concluded that the best way to sample and test the gabbro for aggregate properties is by shallow drilling that gets below the influence of surface weathering effects.

Sampling of the gabbro and granite in rock cuts adjacent to the CPR railway crossing the western part of the West Gabbro, yielded fresh rock material which was tested for aggregate properties. These tests gave good results for both the gabbro and the granite.

INTRODUCTION

The Trigan Methuen Property was originally acquired and explored because of the presence on the property of semi-massive to massive titanium (ilmenite) mineralization. An open pit resource of 13 million tonnes grading 21.7% TiO_2 has been outlined. Attention turned to the possibility of using the waste rock from an open pit, titanium mining operation as aggregate. A composite sample of the gabbro hosting the ilmenite mineralization was prepared from borehole samples which intersected the surrounding barren gabbro. This sample was submitted for geotechnical testing and the material was found to satisfy all the geotechnical criteria required for high quality aggregate.

During the summer of 2000 activities were undertaken to obtain a bulk sample of the material for further MTO testing and to provide material for the laying down of highway test strip as required by the MTO. An Assessment Report was submitted on this work in October 2001 (Work Declaration Number W0190.30919). In addition samples were taken from the West Gabbro and adjacent granite for aggregate testing

During the summer of 2001, further work was undertaken which consisted of 1) field traverses on the West and East Gabbros to determine the extent and type of gabbros making up these bodies and 2) obtaining an additional fresh sample of gabbro from the West Gabbro for aggregate testing.

This report covers the traverses on the East and West Gabbros carried out in 2001 and the aggregate testing of samples from the West Gabbro collect in 2000 and 2001.

PROPERTY

Location and Access

The property is located in the south half of Methuen Township in southern Ontario (Figure 1). Paved Regional Highway 46 crosses the eastern part of the property approximately 20 km north of the town of Havelock situated on Hwy 7. Regional Road 46 passes close to the ilmenite mineralization. The CPR rail line, which services the Unimin's Blue Mountain Nepheline Syenite Mine, passes through the western limits of the property (Figure 2).

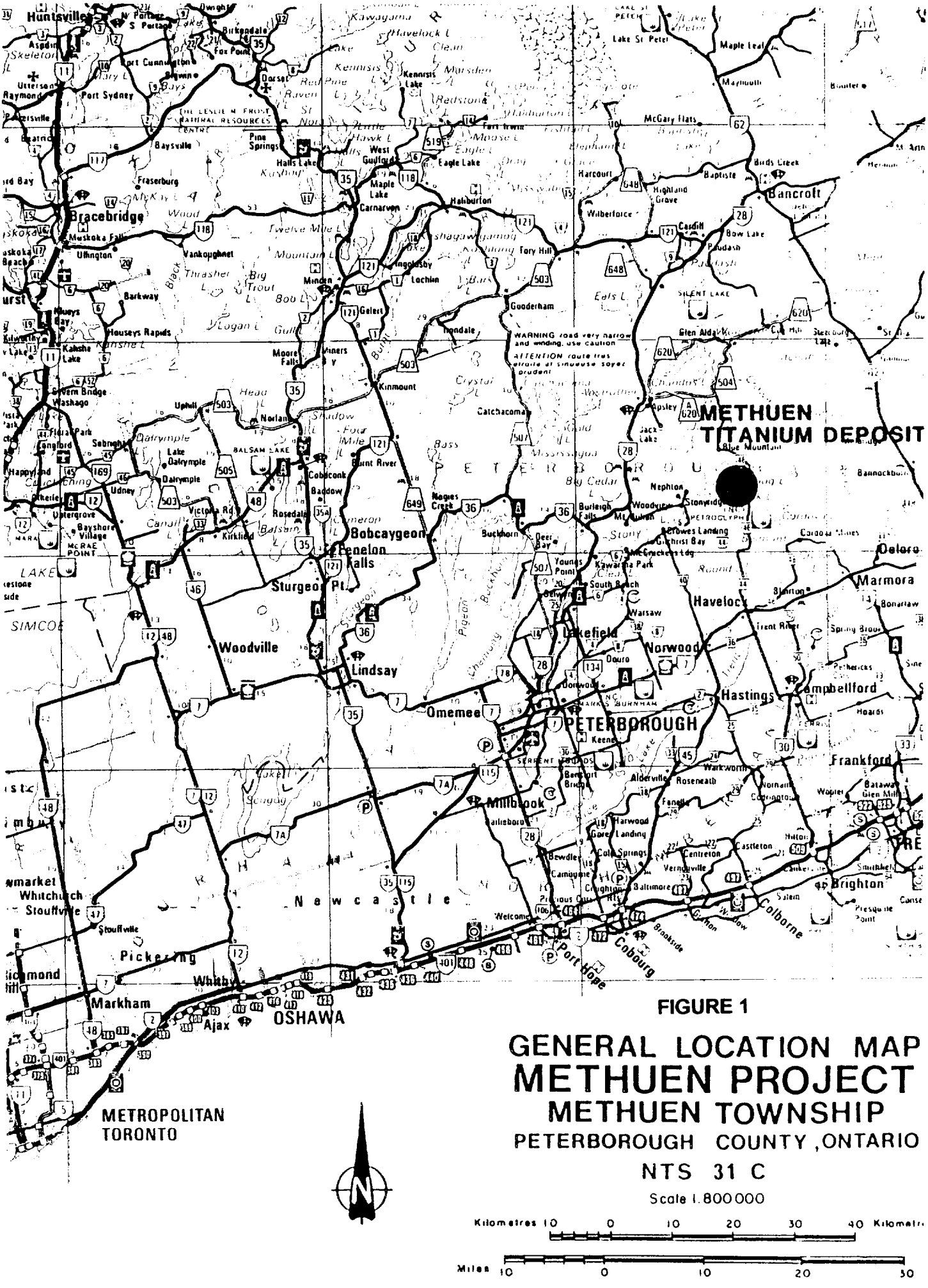


FIGURE 1

GENERAL LOCATION MAP
METHUEN PROJECT
METHUEN TOWNSHIP
PETERBOROUGH COUNTY, ONTARIO
NTS 31 C

Scale 1:800000

Access to the East Gabbro is by Regional Road 46 which crosses the eastern part of the intrusive, and a trail from this highway into Sam's Lake. The west end of the East Gabbro can be accessed by boat from either Kasshabog Lake or Oak Lake

The West Gabbro is most easily accessed from the south shore of Kasshabog Lake. The CPR rail line to Nephton crosses the western portion of the West Gabbro and provides good walking access to this part of the gabbro.

The topography of the gabbro areas is characterized by low wooded areas separated by widespread areas of swamp which make foot traversing very arduous and frustrating. Traverses must be planned with close attention to the ability to navigate around swamps and keep going in the general direction desired.

Property Status

The property is registered in the name of Trigan Resources Inc. 445 Beacon Hall Drive, Aurora, Ontario, L4G 3G8. The property consists of contiguous Leased Claims and Staked Claims (Figure 2 and Table 1). The leased claims cover Lots 7, 8 and 9 Conc. IV, and lots 7, 8, 9 and 10 Conc. III except the southwest part of Lot 9 Conc. III. The Mining Leases were granted on June 18, 1986.

Additional claims were staked contiguous with the Mining Leases starting with Claim 1195074, recorded in December 1994. Claims adjoining to the west were staked more recently with recording dates ranging from December 9, 1999 to April 5, 2000. All the claims are currently in good standing.

Table 1
Trigan Resources Inc. Contiguous Mining Properties in Methuen Twp. South

Mining Leases (27)		Mining Claims (15)
39064	219758	1195074
39065	219759	1237260
41296	219760	1240115
41916	219761	1240118
41328	220785	1240120
41329	220786	1240130
41330	220787	1240138
41331	220788	1240141
41332	231489	1240142
41333	231490	1240148
41475	231491	1240150
41476		1240151
41477		1240154
41478		1240155
41479		1240164
41480		

GEOLOGY

Methuen Township is underlain by northeast-trending Late Precambrian, Grenville metasedimentary rocks intruded by younger granitic gneisses, granites syenites and gabbros. The metasedimentary rocks

have been subjected to multiphase deformation and regional metamorphism. Contact metamorphism is evident especially around some of the gabbroic intrusives. Undeformed Ordovician limestone and dolomitic limestone occurs as outliers east of Oak Lake in the southeastern part of the Township.

Two ovoid-shaped basic to intermediate intrusions semi-conformably intrude the Grenville metasediments in the area of the property (Figure 2). These two intrusions, referred to as the East Gabbro and the West Gabbro, vary in composition through gabbroic anorthosite to gabbro to monzonite. The gabbroic anorthosite and gabbro portions of the intrusions are the focus for the establishment of an aggregate resource. The gabbroic anorthosite hosts a pipe-like occurrence of semi-massive to massive ilmenite mineralization in the easternmost part of the Eastern Gabbro.

WORK CARRIED OUT

Introduction

In October 1999 interest was focussed on the possibility of the gabbroic host rock to the ilmenite mineral zone being used as a source of aggregate. Preliminary aggregate testing of material from boreholes in and around the ilmenite mineralized area indicated that the gabbro had the necessary properties required for a high quality aggregate. To meet the requirements of the MTO for "Designated Sources for Material (DSM)" list, a small quarry was opened up to obtain a stock pile of at least 1000 tonnes of coarse aggregate meeting the HL1 grading requirements. This product satisfied all the requirements for a DSM listing.

To evaluate the size of the gabbro resource it is necessary to ascertain if the East and West Gabbros are of a consistently high quality throughout. To this end, four traverses were made over the West Gabbro (Figure 3) and two over the East Gabbro (Figure 4). In addition, three bulk samples were collected from the West Gabbro for aggregate testing (Figure 3).

Traversing

The traverses were carried out during the period June 19th to June 25th 2001. Personnel were:
Don Phipps – Geologist (98 Kingsmount Blvd., Sudbury, Ontario)
Dan Brown – Assistant (Trent River, Ontario)
Accommodation was provided at Blue Mountain Lodge on Kasshabog lake

Traverses were made using 1:10,000 topographic maps and pace and compass for navigating between swamps, lakes and drainage features. The objective was to spot sample the gabbro bodies and to get some idea of the consistency in the quality of the gabbro.

Four traverses on the West Gabbro covered portions of claims 1240115, 1240120, 1240130, 1240138, 1240141, 1240142, 1240155, and 1240164.

On the East Gabbro, the two traverses covered portions of claims 1195974 and 1240151 and portions of leases 41316, 41475 to 41480, 231489, and 39065.

It was found that most of the outcrops show varying degrees of surface weathering which is most frequently characterized by a buff coloration of the plagioclase. Representative samples were collected for reference; sample locations and numbers are indicated on the traverse maps and macroscopic descriptions of the samples are given in Tables 2 and 3.

Table 2: Samples from West Gabbro Traverses

Traverse 1	Traverse 2	Traverse 3	Traverse 4
#1 Anorthosite	12 Anorthosite	32 Gabbro	42 Gabbro
2 Gabbro	13 Gabbro	33 Gabbro	43 Gabbro
3 Gabbro	14 Gabbro	34 Gabbro	44 Gabbro
4 Gabbro	15 Gabbro	35 F.g. gabbro	45 Gabbro
5 Gabbro	16 Gabbro	36 Gabbro	46 Gabbro
6 Gabbro	17 Gabbro	37 Silicified rhyolite	47 Gabbro
7 Gabbro	18 Anorthositic gabbro	with py – gossan	48 Gabbro
8 Gabbro/Granodiorite	19 Gabbro	38 Mafic gabbro	49 Gabbro
9 F.g. gabbro	20 Gabbro/an.gabbro		50 Gabbro
10 Anorthositic gabbro	21 Anorthositic gabbro		
11 Gabbro	22 Gabbro		
	23 Gabbro		
	24 Mafic gabbro		
	25 Gabbro		
	26 Mafic gabbro/ hornblendite		
	27 Mafic gabbro		
	28 Anorthositic gabbro		
	29 Gabbro		
	30 Gabbro		
	31 Gabbro		

Table 3: Samples from East Gabbro Traverses

Traverse 1	Traverse 2
#1 Gabbro	13 Gabbro
2 Gabbro	14 Granodiorite
3 Gabbro	15 Gabbro
4 Gabbro	16 Granodiorite
5 Gabbro with granodiorite vein	17 Gabbro/granodiorite
6 Anorthositic gabbro	18 Anorthositic gabbro
7 Gabbro	19 Gabbro
8 Gabbro	20 Gabbro
9 Gabbro	21 Gabbro
10 Gabbro	22 Gabbro
11 Gabbro	
12 Gabbro	

Most of the samples fall into the category of gabbro. Variations in plagioclase and mafic content giving rise to anorthosite (>90% plagioclase), anorthositic gabbro (80% to 90% plagioclase), and mafic gabbro (>50% mafic minerals).

It became evident that because of the extensive weathering of outcrops any future samples required for aggregate testing would have to be obtained by diamond drilling to get below the weathered material.

Aggregate Testing Samples

Aggregate test samples WG-1 and WG-2 were collected on July 12th and 13th 2000 and WG-3 on September 21st 2001 by D. Phipps with assistant Shane Vandentillaart of Hastings, Ontario. Locations of the samples are shown on Figure 3.

The three samples collected for aggregate testing consisted of about 40 kg of fresh rock obtained from rock cuts along the railway line. WG-2 and 3 are samples of gabbro. WG-1 is a sample of granite in contact with the gabbro.

WG-1 and 2 were processed and tested by John Emery Geotechnical Engineering Ltd of 109 Woodbine Downs Blvd, Toronto, Ontario. WG-3 was tested by Trow Consulting Engineers Ltd of 1074 Webbwood Drive, Sudbury, Ontario. The results of these tests are summarized in Table 4 below. Detailed reports on the results are appended.

Table 4: Summary of results of Aggregate Tests

	WG-1 (Granite)	WG-2 (Gabbro)	WG-3 (Gabbro)
% Absorption,	0.40	0.31	0.56
% Flats and Elongated			3.6
Petrographic Number	104	104	100.6
Micro Deval Abrasion, % loss	6.9	12.2	11.9
Unconfined Freeze/Thaw, % loss	9.6	10.7	2.4
Bulk Relative Density	2.717	2.945	

STATEMENT OF QUALIFICATIONS

The writer of this report, Don Phipps, acts as the Geological Consultant to Trigan Resources Inc. He is a member of the Canadian Institute of Mining and Metallurgy, the Prospectors and Development Association of Canada, the Association of Geoscientists of Ontario and a prospective member of the Association of Professional Geoscientists of Ontario. The professional qualifications of the writer include the following.

Graduate of the Cambome School of Mines with Mining Diploma
Graduate of McGill University, B.Sc.Honours Geology
Graduate of the Massachusetts Institute of Technology, M.Sc. in Oceanography
Over 30 years as a practicing professional geologist, mainly in the field of mineral exploration.

Donald Phipps

APPENDIX I

DOCUMENTATION OF AGGREGATE TESTING RESULTS

JOHN EMERY GEOTECHNICAL ENGINEERING LIMITED

CONSULTING ENGINEERS

#1, 109 Woodbine Downs Boulevard, Toronto, Ontario M9W 6Y1
Telephone: (416) 213-1060 Facsimile: (416) 213-1070 E-Mail: jegel@comnet.ca www.jegel.com

August 15, 2000
JEGEL Project: 100184
Invoice: 1/497

John B. Regan
445 Beacon Hall Drive
Aurora, Ontario L4G 3G8

Tel: 905-841-5601

Attention: Mr. John Regan

INVOICE FOR PROFESSIONAL SERVICES

Laboratory Testing of Granite and Gabbro Rock Samples.

Laboratory Testing		
Crushing	2.5 hours @ $ 46.50	$ 116.25
Bulk Relative Density and Absorption	2 @ $ 55.00	110.00
Micro-Deval Abrasion	2 @ $ 190.00	380.00
Unconfined Freeze-Thaw	2 @ $ 190.00	380.00
Petrographic Analysis	2 @ $ 225.00	450.00
Los Angeles Abrasion	1 @ $ 275.00	275.00
	Engineering and Technical Services	$ 1,711.25
	GST on Services	119.79
	TOTAL THIS INVOICE	**$ 1,831.04**

(This total includes $119.79 GST. Our GST Number is 102687118RT.)

Notes: 1. Net 15 days from receipt of this Invoice, 1½% per month (19.6% per annum) surcharge on overdue accounts.
2. We appreciate the opportunity to be of service and trust this Invoice is in order.

J. Regan #14 Sept 7/00

Paid Sept 7, 2000 cheque #947 JBR personal cheque

J. Regan cheque Sept 7/00 + GST 153.14 cheque # 0014

West Gabbro & Granite

TABLE 1
AGGREGATE PHYSICAL PROPERTIES TEST RESULTS

TEST		TEST RESULT		SPECIFICATION REQUIREMENTS		
		Sample #1 Granite	Sample #2 Gabbro	OPSS/MTO Maximum Limits HL 1 and DFC		
				Dolomitic Sandstone	Traprock, Diabase, Andesite	Meta-Arkose, Gneiss
Micro-Deval Abrasion, % Loss	Sample	6.9	12.2	15	10	15
	Control	16.4		15.8 - LCL 18.6 - UCL		
Bulk Relative Density	Sample	2.717	2.945	-	-	-
	Control	2.667		2.655 - LCL 2.685 - UCL		
Absorption, %	Sample	0.40	0.31	1.0	1.0	1.0
	Control	0.73		0.60 - LCL 0.83 - UCL		
Hot Mix Surface Treatment and Concrete Petrographic Number		104	104	145	120	145
Corrected Granular and 16 mm Type B		100	100	-	-	-
Los Angeles Abrasion, % Loss		29.6	-	-	-	-
Unconfined Freeze-Thaw, % Loss	Sample	9.6	10.7	6	6	6
	Control	23.9		16.3 - LCL 25.3 - UCL		

Trow

GST Reg. No. 87257 7994 RT001

Client No: 021278

Invoice

Trow Consulting Engineers Ltd.
1074 Webbwood Drive
Sudbury, Ontario, P3C 3B7
Telephone: (705) 674-9681
Facsimile: (705) 674-8271

Don Phipps
98 Kingsmount Blvd.
SUDBURY, Ontario
P3E 1K6

Date: September 30, 2001

Client's Order No:

Invoice No: S13219

Project No: SO8746M

Terms: DUE UPON RECEIPT

For professional services in connection with:
Physical Property Testing,
FOR THE PERIOD SEPT. 1 TO 30, 2001.

SUBTOTAL	**$550.00**
GST	**38.50**
TOTAL	**$588.50**

Should there be any questions regarding this invoice, please contact Rob Ferguson at this office immediately.

PAID
DATE Oct 31/01
CK. NO. 405

ORIGINAL INVOICE

Interest of 1.5% per month on balance.
Please return one copy of Invoice with remittance.

TROW CONSULTING ENGINEERS

GRAIN SIZE ANALYSIS

PROJECT NAME: DON PHIPPS
PROJECT NUMBER:

SAMPLE IDENTIFICATION FULL QUALITY HOT MIX COARSE

LAB NO. 940T(712)
MTO ID

SIEVE SIZE	SAMPLE % PASSING	OPSS 1003 TABLE 3 REQUIREMENTS ASPHALTIC CONCRETE COARSE AGGREGATES		
		HL 1 & 3	HL 4	HL 8
26.5mm	100.0	---	---	100
19.0mm	94.3	---	100	90 - 100
16.0mm	85.4	100	96 - 100	65-90
13.2mm	71.6	96 - 100	67 - 86	---
9.5mm	45.1	50 - 73	29 - 52	20 - 55
4.75mm	23.9	0 - 10	0 - 10	0 - 10

COMMENTS: GRADATION AFTER CRUSHING.

TROW CONSULTING ENGINEERS

GRAIN SIZE ANALYSIS

PROJECT NAME: **DON PHIPPS**

SAMPLE IDENTIFICATION

LAB NO. **940T(712)**
MTO ID **N/A**

SIEVE SIZE	SAMPLE % PASSING	OPSS 1002 TABLE 3 COARSE AGGREGATE FOR STRUCTURAL CONCRETE, SIDEWALKS, CURB & GUTTER		
		19.0 mm	13.2 mm	9.5 mm
26.5mm	100.0	100	-	-
19.0mm	94.3	90-100	100	-
16.0mm	85.4	65-90	-	-
13.2mm	71.6	-	90-100	100
9.5mm	45.1	20-55	40-70	85-100
4.75mm	23.9	0-10	0-15	10-30

COMMENTS: GRADATION AFTER CRUSHING

DON PHIPPS

CONCRETE AGGREGATE TEST DATA

TROW CONSULTING ENGINEERS, NORTH BAY. TELEPHONE (705) 472-2220 FAX (705) 472-5541

CONTRACT NUMBER	SAMPLE NO.	CONTRACTOR	CONTRACT LOCATION
SO8746M	940T(712)		

FINE AGGREGATE

FINENESS MODULUS:	INVENTORY NUMBER	GRADATION			
		SIEVE SIZE % PASS 75UM	GRADATION REQUIREMENTS	SAMPLE RESULTS	MEETS SPECIFICATION

PHYSICAL REQUIREMENTS

LABORATORY TEST	ACCEPTABLE LIMITS	Reference Material Results	Sample Results	Agg. is on concrete ASL	Meets Spec.
Micro Deval LS 619	20.0 % maximum				
NaOH Colorimetric LS 610	colour lighter than standard solution or organic plate no. 3				
Structural Strength (ASTM C87) Needed only if aggregate fails LS 610	at 7 days min. of 95% of strength of motar washed				
Accelerated Mortar Bar (CSA A23.2-25A)	0.140% max at 14 days				
Concrete Prism Expansion (CSA A23.2-14A)	0.040% max. at 1 year				

COARSE AGGREGATE

Normal Max. Size (mn	Source	Inventory Number	Gradation	Meets Specification

PHYSICAL REQUIREMENTS

Laboratory Test	Acceptance Requirements		Reference Material Results	Sample Results	Aggregate on concrete ASL	Meets Spec.
	Pavements	Structures, Sidewalks, Curb & Gutter, Base				
Wash Pass 75 um Sieve	1.0% Maximum Gravel 2.0% Max.Crushed Rock	1.0% Maximum Gravel 2.0% Max.Crushed Rock		1.06		YES
Absorption	2.0% Max.	2.0% Max.	0.75	0.56		YES
Manesium Sulphate	12.0% loss Max.	12.0% loss Max. (see Page 2)				
Flat and Elongated Particles	20% Max.	20% Max.		3.6		YES
Petrographic Number	125 Max.	140 Max.		100.6		YES
Micro Deval Abrasion	13% Max.	17% Max.	17.7	11.9		YES
Freeze Thaw	6.0% Loss Max.		21.0	2.4		YES
Accelerated Mortar Bar	0.14% Max. at 14 days (see Page 2) 0.080% Max. at 14 days (see Page 2)					
Alkali Carbonate Reactivity	Chemical composition must plot in non-expansive field of figure 1 of test method. (see page 2).					
Concrete Prism Expansion	0.040% Max. at one year (see Page 2)					
Salt Scaling Test	0.80 kg/m2 loss Max. after 50 cycles of freezing and thawing (see Page 2)					
Concrete Freeze Thaw	Max. average length 0.0350% (see Page 2). fundimental transverse frequency FTF avg 90% FTF 14 days					

Issued By: **PAUL REDMOND** OCTOBER 4 2001

PRINT NAME LABORATORY REPRESENTATIVE SIGNATURE DATE

Recieved By: _____

PRINT NAME CONTRACT ADMINISTRATOR SIGNATURE DATE

DON PHIPPS **ASPHALT AGGREGATE TEST DATA**

TROW CONSULTING ENGINEERS, NORTH BA TELEPHONE (705) 472-2220 FAX (705) 472-5541

CONTRACT NUMBER	SAMPLE NO.	CONTRACTOR	CONTRACT LOCATION
SO8746M	940T(712)	MTO ID	

FINE AGGREGATE GRADATION

TYPE	SOURCE		INVENTORY NUMBER	
SIEVE SIZE	HL1 & 3	HL 2	HL4 & 8	SAMPLE RESULTS / MEETS SPECIFICATION
75 um	0-5% passing	3-8% passing	0-7% passing	

FINE AGGREGATE PHYSICAL REQUIREMENTS

LABORATORY TEST	ACCEPTANCE	REQUIREMENTS	HL TYPE	REFERENCE MATERIAL RESULTS	SAMPLE TEST RESULTS	Meets Requirements Y/N	
Micro Deval % Max. Loss	DFC & OFC HL 1 & 3 HL 2,4,8 & HDB	15 % 20 % 25 %					
Plasticity Index	0						

COARSE AGGREGATE

TYPE	SOURCE NAME	INVENTORY NUMBER

HL 1, DFC, AND OFC COARSE AGGREGATE PHYSICAL REQUIREMENTS

LABORATORY TEST	GRAVEL (G)	DOLOMETRIC SANDSTONE (DS)	Traprock, Diabase & Andesesite (T)	Meta-Arkose & Gneiss (M)	Rock Type	Reference Material	Sample Test	Meets Requirements (Y /N)
Wash Pass 75um	1.0	**1.0**	1.0	1.0				
Absorption	1.0	**1.0**	1.0	1.0				
% Flats and Elongated	15	15	15	15				
Petrographic Number	**120**	140	120	145				
Insoluble Residue		45						
% Loss Freeze Thaw	6	6	6	6				
2 Faces Crushed	80							
Micro-Deval	5	15	10	15				

HL 3, 4, 8 AND HDBC COARSE AGGREGATE PHYSICAL REQUIREMENTS

LABORATORY TEST	HL 3	HL 4 SURFACE	HL 4 BINDER & HL8	HDBC	Reference Material	Sample Test	Meets Requirements (Y /N)
Wash Pass 75um	1.3 NOTE 1	1.3 NOTE 1	1.3 NOTE 1	1.3 NOTE 1		1.06	YES
Absorption	**1.75**	2.0	2.0	2.0	0.75	0.56	YES
Magnesium Sulphate	12	12	15	15			
% Crushed Particles	80	80	80	100		100.0	YES
% Flats and Elongated	20	20	20	15		3.6	YES
Petrographic Examination	NOTE 3	NOTE 3					
Petrograghic Number	145 NOTE 4	160 NOTE 4	160 NOTE 4	160		100.6	YES
2 faces Crushed, %				95 NOTE 2			
Micro Deval	17	17	21	21	17.7	11.9	YES
Alternative Requirements to Magnesium Sulphate Soundness							
Unconfined Freeze Thaw	6	6	15	15	21	2.4	YES

Issued By: **PAUL REDMOND** OCT. 4 2001

PRINT NAME LABORATORY REPRESENTATIVE SIGNATURE DATE

Recieved By:

PRINT NAME MTO REPRESENTATIVE SIGNATURE DATE

Work Report Summary

Transaction No: W0190.31321 **Status:** APPROVED
Recording Date: 2001-DEC-10 **Work Done from:** 2000-JUL-12
Approval Date: 2002-JAN-15 **to:** 2001-DEC-05

Client(s):

392610 TRIGAN RESOURCES INC.

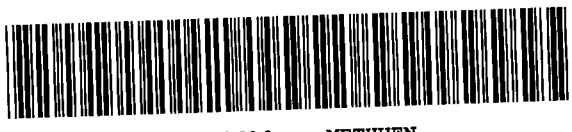
Survey Type(s):

BENEF GEOL

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
G 9090002	$2,538	$2,538	$0	$0	$2,538	2,538	$0	$0	
SO 1195074	$192	$192	$0	$0	$0	0	$192	$192	2002-DEC-16
SO 1240115	$2,765	$2,765	$0	$0	$0	0	$2,765	$2,765	2001-DEC-10
SO 1240120	$480	$480	$0	$0	$0	0	$480	$480	2002-MAR-06
SO 1240130	$384	$384	$4,362	$4,362	$0	0	$384	$384	2002-DEC-10
SO 1240138	$768	$768	$0	$0	$768	768	$0	$0	2002-JAN-17
SO 1240141	$624	$624	$0	$0	$624	624	$0	$0	2002-JAN-17
SO 1240142	$2,765	$0	$0	$0	$0	0	$2,765	$0	2001-DEC-10
SO 1240151	$432	$432	$0	$0	$432	432	$0	$0	2002-FEB-11
SO 1240155	$2,765	$0	$0	$0	$0	0	$2,765	$0	2001-DEC-10
SO 1240164	$480	$0	$0	$0	$0	0	$480	$0	2001-DEC-09
	$14,193	$8,183	$4,362	$4,362	$4,362	$4,362	$9,831	$3,821	

Status of claim is based on information currently on record.



31C12NW2003 2.22696 METHUEN 900

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: 2002-JAN-21

Submission Number: 2.22696

Transaction Number: W0190.31321

Claim Number	Value of Work Performed
G 9090002	2,538.00
SO 1195074	192.00
SO 1240115	2,765.00
SO 1240120	480.00
SO 1240130	384.00
SO 1240138	768.00
SO 1240141	624.00
SO 1240142	0.00
SO 1240151	432.00
SO 1240155	0.00
SO 1240164	0.00
Total:	**$8,183.00**

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

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

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

Date: 2002-JAN-21

TRIGAN RESOURCES INC.
ATTEN :J.B. REGAN
445 BEACON HILL DRIVE
AURORA, ONTARIO
L4G 3G8 CANADA

Submission Number: 2.22696
Transaction Number(s): W0190.31321

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.

Claim Holders with claims that contain surface rights must notify the Surface Rights holder of the intention to perform assessment work, prior to the commencement of the assessment work. Claims 1240142, 1240155 and 1240164 contain Surface Rights holders. However, no notification was given to the Surface Rights holders prior to the start of the assessment work on these three claims. Accordingly, the assessment work filed on these claims is not eligible for assessment work credit. Thefore, the amounts of $2,765.00 (claim 1240142), $2,765.00 (claim 1240155) and $480.00 (claim 1240164) has been removed from this Work Report submission.

The total amount of assessment credit approved for this submission is $8,183.00.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at 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

Trigan Resources Inc.
(Claim Holder)

Donald Phipps
(Agent)

Assessment File Library

Trigan Resources Inc.
(Assessment Office)

MINISTRY OF NORTHERN DEVELOPMENT AND MINES
PROVINCIAL MINING RECORDER'S OFFICE

MINING LAND TENURE MAP

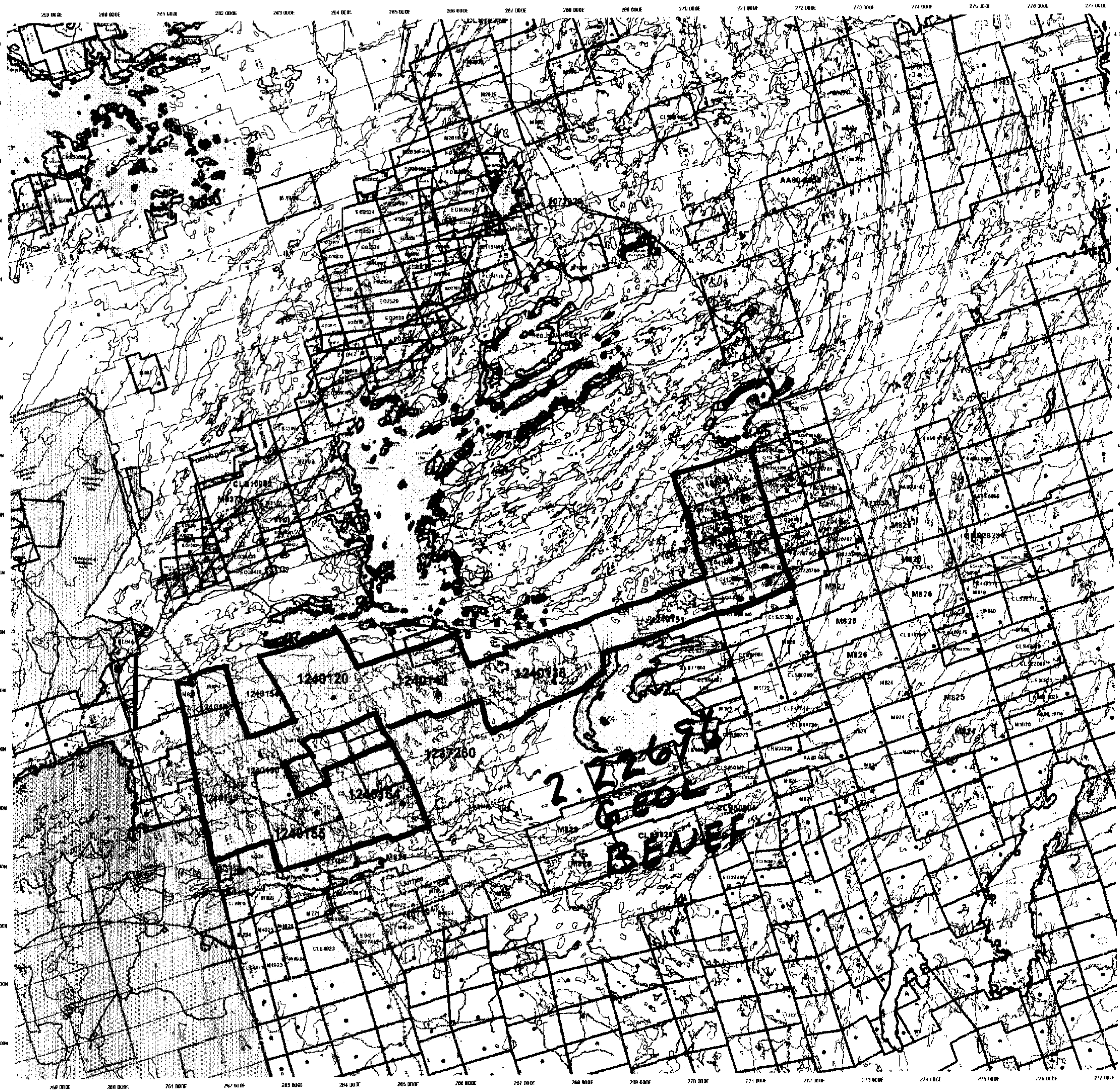
Date / Time of Issue Dec 10 2001 10:58h Eastern

TOWNSHIP / AREA METHUEN (SOUTH)

PLAN G-3053

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Southern Ontario
Land Titles/Registry Division	PETERBOROUGH
Ministry of Natural Resources District	BANCROFT



TOPOGRAPHIC

LAND TENURE

LAND TENURE WITHDRAWALS

IMPORTANT NOTICES

LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
8777	Wsm	Jan 1 2001	FLOODED LANDS
8784	Wsm	Jan 1 2001	FLOODED LANDS
8792	Wsm	Jan 1 2001	FLOODED LANDS
8796	Wsm	Jan 1 2001	FLOODED LANDS
8806	Wsm	Jan 1 2001	FLOODED LANDS
8800	Wsm	Jan 1 2001	20/05/20 S.R. & M.R. 02622
8818	Wsm	Jan 1 2001	FLOODED LANDS
8819	Wsm	Jan 1 2001	FLOODED LANDS
8824	Wsm	Jan 1 2001	FLOODED LANDS
8827	Wsm	Jan 1 2001	SEC 36 RESERVE FOR PUBLIC USE
8837	Wsm	Jan 1 2001	SEC 43 7/2/72 SR & MR 57016
8838	Wsm	Jan 1 2001	SEC.43 10/4/73 SR & MR 57816
8840	Wsm	Jan 1 2001	SEC.43 7/2/72 SR & MR 57016
8851	Wsm	Jan 1 2001	SEC.36 80 14/02/85 S.R.O.
8858	Wsm	Jan 1 2001	SEC.36 RESERVE FOR PUBLIC USE
8859	Wsm	Jan 1 2001	SEC 43 1/8/71 SR&MR 57861
8861	Wsm	Jan 1 2001	SEC.36 RESERVE FOR PUBLIC USE
8865	Wsm	Jan 1 2001	SEC.43 1/8/71 SR&MR 57861
8870	Wsm	Jan 1 2001	SEC 36 RESERVE
8871	Wsm	Jan 1 2001	SEC 43 1/8/71 SR&MR 57861
8880	Ws	Jan 1 2001	SEC 36/80 14/02/85 S.R.O.
W81/75	Wsm	Nov 5 2001	SEC.43 W.61/75 5/11/75 SR. & MR. 116267
8832	Ws	Jan 1 2001	1 AUG 71 SURFACE MINING RIGHTS 57816
8873	Ws	Feb 14 1985	SEC 36/80 14/2/85 SRO

IMPORTANT NOTICES

Areas under which special regulations, limitations or conditions exist that affect normal prospecting, staking and mineral development activities.

Type	Description
Nr	For land status within this township, please contact the appropriate Land Registry Office

General Information and Limitations

31C12NW2003 2.22696 METHUEN 200

TRI-W-GAB-2001.DWG

FIGURE 3
TRIGAN RESOURCES INC.
METHUEN TWP.
WEST GABBRO TRAVERSES
JUNE, 2001

0 100 200 300 400 500m
1:10 000

BURLEIGH TOWNSHIP

1240142 1240154 1240120 1240150 1240130 1240115 1240155 1240118 1240164 1240141 1240138 1237260 1240148

North River

Horse Lake

Long Lake

Black Lake

WG1 WG2 WG3

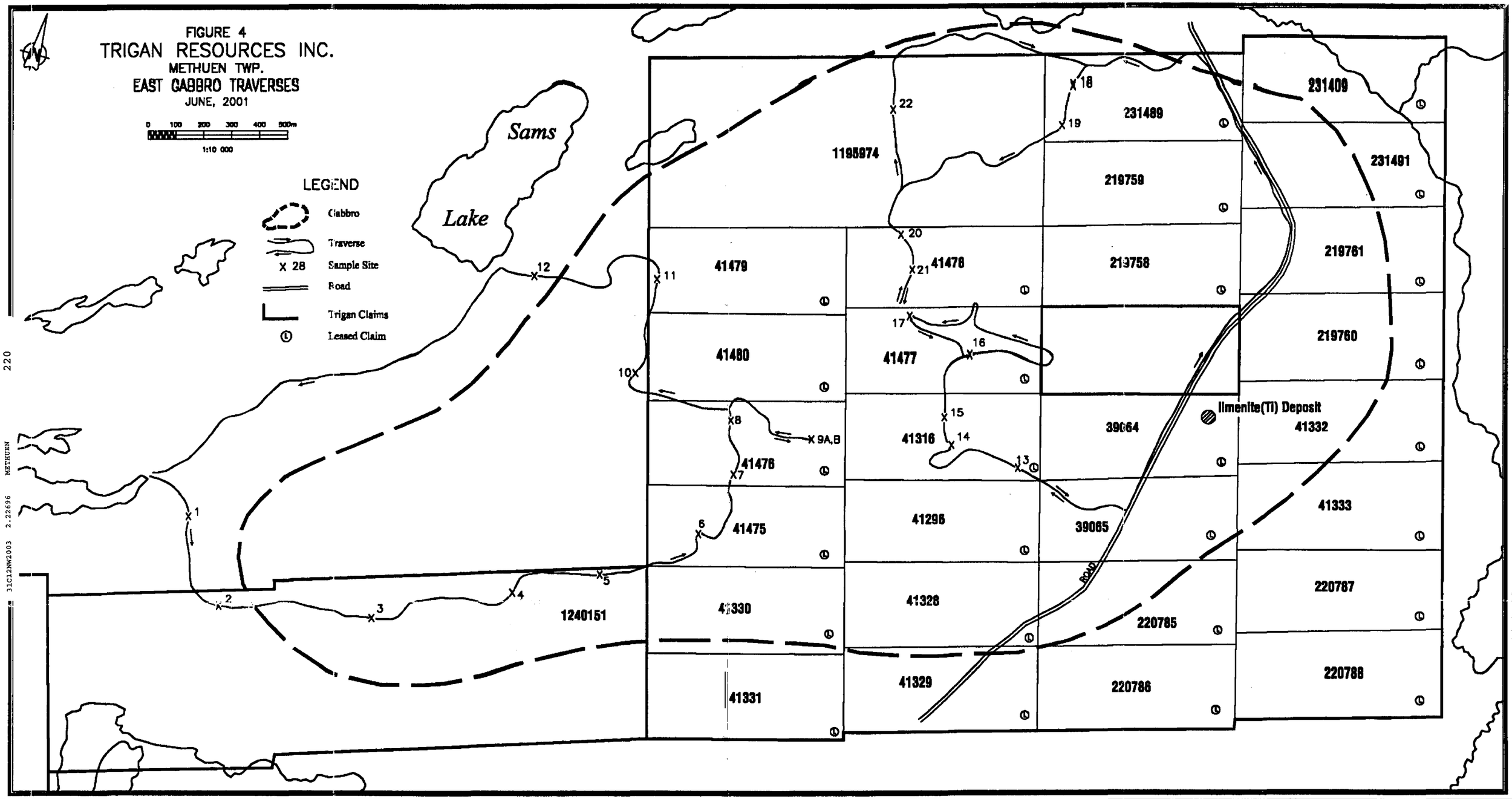
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17,18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 42 43 44 45 46 47 48 49 50

N.P.R.

LEGEND

- Gabbro
- Traverse
- X 28 Sample Site
- WG1 Aggregate Test Sample
- Road
- Trigan Claims

210
31C12NW2003 2.22696 METHUEN



TRI-E-GAB-2001.DWG

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31C12NW2003 2.22696 METHUEN

FIG. 2

Big Mountain Lake
Nephton
Canadian Pacific Railway
Kasshabog Lake
Kasshabog Lake
East Twin
West Twin
Blue Lake
Lake
Sams Lake
BURLEIGH TOWNSHIP
LAKE TOWNSHIP
1240142
1240154
1240120
North River
WESTERN GABBRO
Portage Bay
Blind Lake
1240141
1240150
1240139
1240115
1240164
1237260
Horse Lake
1240155
1240118
1240148
Long Lake
Black Lake
South Lake
DRUMMER TOWNSHIP
1240151
1240138
Big Island
Oak Lake
Hydro Line
Creek
Otter
119074
231489
231490
231491
219759
219761
219758
219760
EASTERN GABBRO
41479
41478
41480
41477
41476
41318
39064
41332
Ilmenite(Ti) Deposit
41475
41295
39065
41333
41330
41328
220785
220787
41331
41329
220786
220788

Legend

- Gabbro
- Road
- Trigan Claims
- Licensed Claim

0 200 400 600 800 1000 metres

31C12NW2003 2.22696 METHUEN

230

TRIGAN RESOURCES INC.

Project: Methuen	Area: Methuen Township	
CLAIM MAP AND GABBRO BODIES		
Compiled by: D. Phipps	Supervisor: D. Phipps	Date drawn: March 11, 2000
Drawn by:	Revised by:	Revised: NOV. 24/01
Scale: 1:25000 N.T.S. 32C12	File: TRI-METH-CLAIMS.DWG	