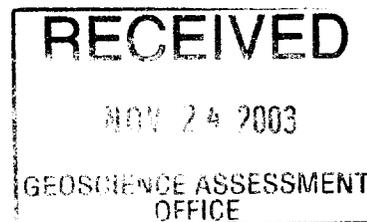


TRIGAN RESOURCES INC.
ASSESSMENT REPORT
WEST GABBRO PROPERTY
METHUEN TOWNSHIP, SOUTHERN ONTARIO DISTRICT



November 18th, 2003



31C12SW2002 2.26749

METHUEN

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SUMMARY

Trigan Resources of Aurora, Ontario owns eight contiguous claims in the southwest part of Methuen Township, covering the western portion of a gabbroic body known as the West Gabbro.

In August 2003 Trigan Resources carried out a drilling program of ten holes (WG-1 to WG-10) for a total of 405 m to test the West Gabbro for its aggregate potential.

The drill holes intersected medium grained gabbro with adsorbed metasedimentary inclusions cut by granite dykes. All three lithologies form tough, cohesive rocks which should have properties suitable for aggregate resource material.

Representative bulk samples were taken from each borehole and submitted for aggregate testing. Results of these tests were all positive and indicate that the bedrock in the area of the gabbro covered by the boreholes is suitable as an aggregate resource.

INTRODUCTION

The Trigan West Gabbro Methuen Property was acquired for its potential as a source of high quality bedrock aggregate.

In July and August of 2003 a ten-hole diamond drilling program was undertaken to evaluate the quality of the bedrock as an aggregate resource in an area adjacent to and east of the railway line. Ten vertical holes were drilled to depths of between 31.8 and 45.7 m for a total of 405.2 m. Samples of core have been submitted for aggregate testing. This work was reported in an Assessment Report for the property filed on September 9th 2003.

The results of testing of this core for suitability as an aggregate resource were not available at the time the previous assessment report was submitted. This report covers the results of aggregate testing of eight composite core samples taken from the ten drill holes

PROPERTY

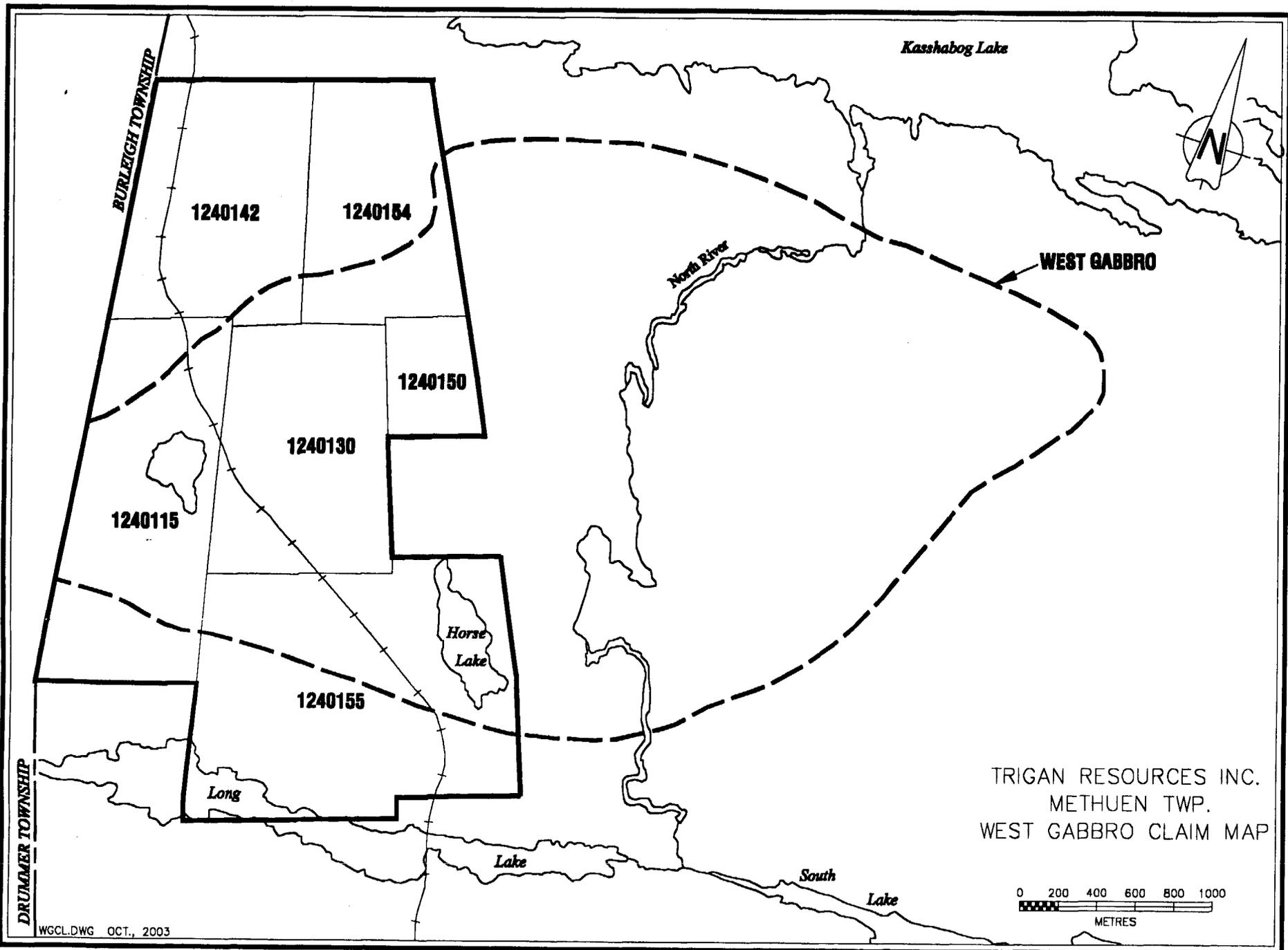
Location and Access

The property is located in the south half of Methuen Township in southern Ontario (Figure 1). The western boundary of the property is on the Township line between Methuen and Burleigh and Drummer Townships to the west. Regional road No. 6 runs north to south approximately 1 km west of the property and provides the easiest means of access. A dirt trail running eastwards from this road provides foot access to the northwest part of the property (Figure 2). The CPR branch rail line from Havelock to the Unimin operation at Nepton crosses the property from south to north.

The topography of the northern part of the property is characterized by a rugged ridge of red granite. As the gabbro contact is approached from the north, the terrain becomes more moderate but is characterized by extensive, beaver-dammed swamps.

Property Description and Status

The property is registered in the name of Trigan Resources Inc. 445 Beacon Hall Drive, Aurora, Ontario, L4G 3G8. The property consists of six contiguous claims (1240115, 1240130, 1240142, 1240150, 1240154 and 1240155), located within Concessions X to XII and Lots 4 to 9 of the southern half of



WGCL.DWG OCT., 2003

TRIGAN RESOURCES INC.
 METHUEN TWP.
 WEST GABBRO CLAIM MAP

FIG. 1

Methuen Twp in Southern Ontario. The claims were recorded between December 10th 1999 (Figure 2 and Table 1). Previous assessment work on these claims was filed December 5th 2001 (Submission No.2.22696, Transaction No.WO190.31321).

Extensions of Time on these claims (except 1240130) to September 10th 2003 was applied for and granted by the Provincial Recording Office. Assessment work on these claims was filed on September 9th 2003 (WO390.01426).

Claim 1240130 has assessment applied (\$14,670) to keep the claim in good standing until December 10th 2004.

Table 1
West Gabbro Claims Status

Claim No	Recording Date	Due Date	Units	Total applied	Work Required December 10/03	Total Reserve
1240115	Dec 10 th , 1999	Dec 10 th 2003	12	\$9,600	\$4,800	\$2,765
1240130	Dec 10 th 1999	Dec 10 th 2005	8	\$14,670	-	\$30,118
1240142	Dec 10 th 1999	Dec 10 th 2003	12	\$9,600	\$4,800	
1240150	Dec 10 th 1999	Dec 10 th 2003	2	\$800	\$800	
1240154	Dec 10 th 1999	Dec 10 th 2003	8	\$6,400	\$3,200	
1240155	Dec 10 th 1999	Dec 10 th 2003	12	\$9,600	\$4,800	\$34

WORK CARRIED OUT

Don Phipps sampled the core and wrote this assessment report. Aggregate testing of the core was carried out by John Emery Geotechnical Engineering Ltd of 109 Woodbine Downs Blvd, Toronto, M9W 6Y1.

Sampling and Aggregate Testing

The locations and cross sections of the boreholes are shown in Figures 2 and 3 respectively (back pocket). Holes WG1 to WG7 and WG10 were drilled on claim 1240130; holes WG8 and 9 were drilled on claim 1240155. The holes were drilled using a BQ thin-wall coring tube.

The core was sampled by taking a 5 to 8 cm piece of core from the start of each row in the core box. This method ensured a random, unbiased sampling of the core to give a representative sample of each borehole.

Samples from holes WG-1, 2 and 3 were combined into one sample; these three holes are predominantly gabbro (87%, 100% and 93% respectively). Samples from the remaining holes were made into one sample for each hole for a total of eight separate samples.

The eight samples were submitted to John Emery Geotechnical Engineering Ltd. (JEGEL) for testing. The following test were carried out for comparison with OPSS 1003 for HL 1 and DFC asphalt aggregates:

Bulk Relative Density	MTO LS-604
Absorption %	MYO LS-604
Micro-Deval Abrasion, % loss	MTO LS-618
Freezing and Thawing, % loss	MTO LS-614
Petrographic Analysis	MTO LS-609

Results

A summary of the aggregate testing results is given in the table below. The original result reporting sheets from JEGEL are included in the Appendix.

Table 2
Summary of Aggregate Testing Results

Test	WEST GABBRO DIAMOND DRILL HOLE SAMPLES							
	1-2-3	4	5	6	7	8	9	10
Bulk Relative Density	2.937	2.837	2.957	2.735	2.877	2.814	2.921	2.933
Abrasion % Loss	8.9	7.5	8.8	6.2	7.1	7.6	10.1	8.5
Absorption %	0.40	0.37	0.30	0.35	0.30	0.33	0.32	0.36
Unconfined Freeze-Thaw % Loss	1.3	2.7	2.6	1.4	0.9	0.4	0.6	0.8
Hot Mix Surface Treatment and Concrete Petrographic No.	105	104	104	105	102	101	101	103
Corrected Granular and 16 mm Type B	100	100	100	100	100	100	100	100

All eight samples exceed the minimum requirements for acceptable aggregate.

STATEMENT OF QUALIFICATIONS

The writer of this report, Don Phipps, is the Geological Consultant to Trigan Resources Inc. He is a certified member of the APGO, a member of the Canadian Institute of Mining and Metallurgy, and the Prospectors and Developers Association of Canada. The professional qualifications of the writer include the following.

Graduate of the Camborne 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

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@jegel.com www.jegel.com

September 26, 2003

JEGEL: 103061

JEGEL ID: 007000

MRT Aggregates Inc.
P.O. Box 270
Brechin, Ontario L0K 1B0

Attention: Mr. John Loughnan

Dear Sir:

Aggregate Testing

As requested, John Emery Geotechnical Engineering Limited (JEGEL), Consulting Engineers, has completed testing of rock core samples labelled 1 through 10, supplied by MRT Aggregates Inc.

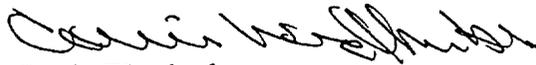
The following tests were completed for comparison with OPSS 1003 for HL 1 and DFC asphalt aggregates:

Bulk Relative Density and Absorption	MTO LS-604
Petrographic Examination	MTO LS-609
Micro-Deval Abrasion	MTO LS-618
Freezing and Thawing	MTO LS-614

The test results are presented in the attached Tables 1 to 10. We trust that the results of this testing are satisfactory for your purposes. Please contact us with any questions or if you require any additional information.

Yours very truly,

JOHN EMERY GEOTECHNICAL ENGINEERING LIMITED



Carrie Weatherbee
Supervising Senior Laboratory Technician



Michael H. MacKay, M.Eng., P.Eng.
Principal Geotechnical Engineer

ISO 9001

Engineering / Research / Development / Education
Soil / Rock / Aggregates / Slags / Asphalt / Cement / Concrete / Byproducts
JEGEL • PAVMATEC

TABLE 1
AGGREGATE PHYSICAL PROPERTIES TEST RESULTS

TEST		TEST RESULTS			
		SAMPLE 1-2-3	SAMPLE 4	SAMPLE 5	SAMPLE 6
Hot Mix Surface Treatment and Concrete Petrographic Number		105	104	104	105
Corrected Granular and 16 mm Type B		100	100	100	100
Bulk Relative Density	Sample	2.937	2.873	2.957	2.735
	Control	2.672			
Absorption, %	Sample	0.40	0.37	0.30	0.35
	Control	0.66			
Coarse Micro-Deval Abrasion, % Loss	Sample	8.9	7.5	8.8	6.2
	Control	16.5			
Freezing and Thawing, % Loss	Sample	1.3	2.7	2.6	1.4
	Control	22.6			

TABLE 2
AGGREGATE PHYSICAL PROPERTIES TEST RESULTS

TEST		TEST RESULTS			
		SAMPLE 7	SAMPLE 8	SAMPLE 9	SAMPLE 10
Hot Mix Surface Treatment and Concrete Petrographic Number		102	101	101	103
Corrected Granular and 16 mm Type B		100	100	100	100
Bulk Relative Density	Sample	2.877	2.814	2.921	2.933
	Control	2.672			
Absorption, %	Sample	0.30	0.33	0.32	0.36
	Control	0.66			
Coarse Micro-Deval Abrasion, % Loss	Sample	7.1	7.6	10.1	8.5
	Control	16.5			
Freezing and Thawing, % Loss	Sample	0.9	0.4	0.6	0.8
	Control	22.6			

TABLE 3

COARSE AGGREGATE PETROGRAPHIC ANALYSIS																													
PIT NAME: MRT Sample #1-2-3		FRACTION 19.0 - 9.5 mm		ANALYST: CW	JEGEL: 103061																								
DATE: Sept 22/03					ID#: 7000																								
TYPE No.	TYPE	MASS	%	GRANULAR & 16.0 mm TYPE B CORRECTION																									
1	CARBONATE (hard; silty, hard)																												
20	CARBONATE (surface weathered; silt, surface weathered; medium hard; silty, medium hard)																												
2	CARBONATE (sandy, hard or medium hard)																												
21	CARBONATE (slightly cherty: <5%chert)																												
23	MARBLE (hard or medium hard)																												
3	CONGLOMERATE-SANDSTONE-ARKOSE (hard)																												
22	CONGLOMERATE-SANDSTONE-ARKOSE (medium hard)																												
6	GREYWACKE-ARGILLITE (hard or medium hard)																												
4	GNEISS-AMPHIBOLITE -SCHIST (hard)	45.4	4.4																										
5	QUARTZITE																												
8	GRANITE-DIORITE-GABBRO (hard)	951.4	93.0																										
7	VOLCANIC (hard)																												
9	TRAP (<20% sulphide)																												
10	QUARTZ (vein or pegmatitic)																												
77	GYP SITE (<10% gypsum)																												
	TOTAL GOOD AGGREGATE	996.8	97.4																										
35	CARBONATE (soft; silty, soft; slightly shaley)				x2																								
41	CARBONATE (soft, pitted)				x2																								
42	CARBONATE (deeply weathered; silty, deeply weathered)																												
40	CARBONATE (sandy, soft)				x2																								
24	MARBLE (brittle)				x2																								
26	CHERT-CHERTY CARBONATE (<20% leached chert)				x2																								
30	CONGLOMERATE-SANDSTONE-ARKOSE (brittle)				x2																								
29	GREYWACKE (brittle)				x2																								
52	ENCRUSTATION				x2																								
25	GNEISS-AMPHIBOLITE-SCHIST (brittle)	3.3	0.3		x2 0.6																								
34	ARGILLITE (medium soft)				x2																								
27	GRANITE-DIORITE-GABBRO (brittle)	23.3	2.3		x2 4.6																								
28	VOLCANIC (soft)				x2																								
	TOTAL FAIR AGGREGATE	26.6	2.6																										
43	CARBONATE (shaley; clayey; silty, clayey)																												
44	CARBONATE (ochreous; sandy, ochreous)																												
49	MARBLE (friable)				x3																								
45	CHERT-CHERTY CARBONATE (>20% leached chert)				x5																								
46	CONGLOMERATE-SANDSTONE-ARKOSE (friable)				x3																								
56	SILTSTONE				x3																								
53	CEMENTATION (partial)				x3																								
54	CEMENTATION (total)																												
50	GNEISS-AMPHIBOLITE (friable)				x3																								
55	SCHIST (soft)				x3																								
51	GRANITE-DIORITE-GABBRO (friable)				x3																								
48	VOLCANIC (very soft, porous)				x3																								
78	GYP SITE (gypsum 10 to 49%)				x3																								
	TOTAL POOR AGGREGATE	0	0.0																										
60	OCHRE																												
61	SHALE																												
62	CLAY																												
63	VOLCANIC-GNEISS-SCHIST (decomposed)																												
	TOTAL DELETERIOUS AGGREGATE	0	0.0																										
	TOTALS	1023.4	100.0		5.2																								
<table border="0" style="width:100%"> <tr> <td>% GOOD</td> <td>97.4</td> <td>x 1</td> <td>97.4</td> <td></td> <td></td> </tr> <tr> <td>% FAIR</td> <td>2.6</td> <td>x 3</td> <td>7.8</td> <td></td> <td></td> </tr> <tr> <td>% POOR</td> <td>0.0</td> <td>x 6</td> <td>0.0</td> <td></td> <td></td> </tr> <tr> <td>% DELETERIOUS</td> <td>0.0</td> <td>x 10</td> <td>0.0</td> <td></td> <td></td> </tr> </table>						% GOOD	97.4	x 1	97.4			% FAIR	2.6	x 3	7.8			% POOR	0.0	x 6	0.0			% DELETERIOUS	0.0	x 10	0.0		
% GOOD	97.4	x 1	97.4																										
% FAIR	2.6	x 3	7.8																										
% POOR	0.0	x 6	0.0																										
% DELETERIOUS	0.0	x 10	0.0																										
HOT MIX, SURFACE TREATMENT AND CONCRETE P.N.		105.2		<table border="1" style="width:100%"> <tr><td>EST. PERCENT CRUSHED</td><td>100</td></tr> <tr><td>EST. PERCENT FLATS & ELONGATED</td><td><5</td></tr> <tr><td>CORRECTED GRANULAR AND 16.0 mm TYPE B P.N.</td><td>100.0</td></tr> </table>		EST. PERCENT CRUSHED	100	EST. PERCENT FLATS & ELONGATED	<5	CORRECTED GRANULAR AND 16.0 mm TYPE B P.N.	100.0																		
EST. PERCENT CRUSHED	100																												
EST. PERCENT FLATS & ELONGATED	<5																												
CORRECTED GRANULAR AND 16.0 mm TYPE B P.N.	100.0																												

TABLE 4

COARSE AGGREGATE PETROGRAPHIC ANALYSIS

PIT NAME: MRT Sample #4

DATE: Sept 22/03

FRACTION 19.0 - 9.5 mm

ANALYST: CW

JEGEL: 103061

ID#: 7000

TYPE No.	TYPE	MASS	%	GRANULAR & 16.0 mm TYPE B CORRECTION	
1	CARBONATE (hard; silty, hard)				
20	CARBONATE (surface weathered; silt, surface weathered; medium hard; silty, medium hard)				
2	CARBONATE (sandy, hard or medium hard)				
21	CARBONATE (slightly cherty: <5%chert)				
23	MARBLE (hard or medium hard)				
3	CONGLOMERATE-SANDSTONE-ARKOSE (hard)				
22	CONGLOMERATE-SANDSTONE-ARKOSE (medium hard)				
6	GREYWACKE-ARGILLITE (hard or medium hard)				
4	GNEISS-AMPHIBOLITE -SCHIST (hard)				
5	QUARTZITE				
8	GRANITE-DIORITE-GABBRO (hard)	993	98.1		
7	VOLCANIC (hard)				
9	TRAP (<20% sulphide)				
10	QUARTZ (vein or pegmatitic)				
77	GYP SITE (<10% gypsum)				
	TOTAL GOOD AGGREGATE	993	98.1		
35	CARBONATE (soft; silty, soft; slightly shaley)			x2	
41	CARBONATE (soft, pitted)			x2	
42	CARBONATE (deeply weathered; silty, deeply weathered)				
40	CARBONATE (sandy, soft)			x2	
24	MARBLE (brittle)			x2	
26	CHERT-CHERTY CARBONATE (<20% leached chert)			x2	
30	CONGLOMERATE-SANDSTONE-ARKOSE (brittle)			x2	
29	GREYWACKE (brittle)			x2	
52	ENCRUSTATION			x2	
25	GNEISS-AMPHIBOLITE-SCHIST (brittle)			x2	
34	ARGILLITE (medium soft)			x2	
27	GRANITE-DIORITE-GABBRO (brittle)	19.7	1.9	x2	3.9
28	VOLCANIC (soft)			x2	
	TOTAL FAIR AGGREGATE	19.7	1.9		
43	CARBONATE (shaley; clayey; silty, clayey)				
44	CARBONATE (ochreous; sandy, ochreous)				
49	MARBLE (friable)			x3	
45	CHERT-CHERTY CARBONATE (>20% leached chert)			x5	
46	CONGLOMERATE-SANDSTONE-ARKOSE (friable)			x3	
56	SILTSTONE			x3	
53	CEMENTATION (partial)				
54	CEMENTATION (total)				
50	GNEISS-AMPHIBOLITE (friable)			x3	
55	SCHIST (soft)			x3	
51	GRANITE-DIORITE-GABBRO (friable)			x3	
48	VOLCANIC (very soft, porous)			x3	
78	GYP SITE (gypsum 10 to 49%)				
	TOTAL POOR AGGREGATE	0	0.0		
60	OCHRE				
61	SHALE				
62	CLAY				
63	VOLCANIC-GNEISS-SCHIST (decomposed)				
	TOTAL DELETERIOUS AGGREGATE	0	0.0		
	TOTALS	1012.7	100.0		3.9
% GOOD	98.1	x 1	98.1		
% FAIR	1.9	x 3	5.8		
% POOR	0.0	x 6	0.0		
% DELETERIOUS	0.0	x 10	0.0		
HOT MIX, SURFACE TREATMENT AND CONCRETE P.N.		103.9			
				EST. PERCENT CRUSHED	100
				EST. PERCENT FLATS & ELONGATED	<5
				CORRECTED GRANULAR AND 16.0 mm TYPE B P.N.	100.0

TABLE 6

COARSE AGGREGATE PETROGRAPHIC ANALYSIS					
PIT NAME: MRT Sample #6		FRACTION 19.0 - 9.5 mm		ANALYST: CW	JEGEL: 103061
DATE: Sept 22/03					ID#: 7000
TYPE No.	TYPE	MASS	%	GRANULAR & 16.0 mm TYPE B CORRECTION	
1	CARBONATE (hard; silty, hard)				
20	CARBONATE (surface weathered; silt, surface weathered; medium hard; silty, medium hard)				
2	CARBONATE (sandy, hard or medium hard)				
21	CARBONATE (slightly cherty: <5%chert)				
23	MARBLE (hard or medium hard)				
3	CONGLOMERATE-SANDSTONE-ARKOSE (hard)				
22	CONGLOMERATE-SANDSTONE-ARKOSE (medium hard)				
6	GREYWACKE-ARGILLITE (hard or medium hard)				
4	GNEISS-AMPHIBOLITE -SCHIST (hard)	471.9	46.7		
5	QUARTZITE				
8	GRANITE-DIORITE-GABBRO (hard)	514.1	50.9		
7	VOLCANIC (hard)				
9	TRAP (<20% sulphide)				
10	QUARTZ (vein or pegmatitic)				
77	GYPSITE (<10% gypsum)				
	TOTAL GOOD AGGREGATE	986	97.7		
35	CARBONATE (soft; silty, soft; slightly shaley)				x2
41	CARBONATE (soft, pitted)				x2
42	CARBONATE (deeply weathered; silty, deeply weathered)				
40	CARBONATE (sandy, soft)				x2
24	MARBLE (brittle)				x2
26	CHERT-CHERTY CARBONATE (<20% leached chert)				x2
30	CONGLOMERATE-SANDSTONE-ARKOSE (brittle)				x2
29	GREYWACKE (brittle)				x2
52	ENCRUSTATION				x2
25	GNEISS-AMPHIBOLITE-SCHIST (brittle)	19.1	1.9		x2 3.8
34	ARGILLITE (medium soft)				x2
27	GRANITE-DIORITE-GABBRO (brittle)	4.5	0.4		x2 0.9
28	VOLCANIC (soft)				x2
	TOTAL FAIR AGGREGATE	23.6	2.3		
43	CARBONATE (shaley; clayey; silty, clayey)				
44	CARBONATE (ochreous; sandy, ochreous)				
49	MARBLE (friable)				x3
45	CHERT-CHERTY CARBONATE (>20% leached chert)				x5
46	CONGLOMERATE-SANDSTONE-ARKOSE (friable)				x3
56	SILTSTONE				x3
53	CEMENTATION (partial)				x3
54	CEMENTATION (total)				
50	GNEISS-AMPHIBOLITE (friable)				x3
55	SCHIST (soft)				x3
51	GRANITE-DIORITE-GABBRO (friable)				x3
48	VOLCANIC (very soft, porous)				x3
78	GYPSITE (gypsum 10 to 49%)				x3
	TOTAL POOR AGGREGATE	0	0.0		
60	OCHRE				
61	SHALE				
62	CLAY				
63	VOLCANIC-GNEISS-SCHIST (decomposed)				
	TOTAL DELETERIOUS AGGREGATE	0	0.0		
	TOTALS	1009.6	100.0		4.7
% GOOD		97.7	x 1	97.7	
% FAIR		2.3	x 3	7.0	
% POOR		0.0	x 6	0.0	
% DELETERIOUS		0.0	x 10	0.0	
HOT MIX, SURFACE TREATMENT AND CONCRETE P.N.		104.7			
					EST. PERCENT CRUSHED 100
					EST. PERCENT FLATS & ELONGATED <5
					CORRECTED GRANULAR AND 16.0 mm TYPE B P.N. 100.0

TABLE 7

COARSE AGGREGATE PETROGRAPHIC ANALYSIS

PIT NAME: MRT Sample #7

JEGEL: 103061

DATE: Sept 22/03

FRACTION 19.0 - 9.5 mm

ANALYST: CW

ID#: 7000

TYPE No.	TYPE	MASS	%	GRANULAR & 16.0 mm TYPE B CORRECTION	
1	CARBONATE (hard; silty, hard)				
20	CARBONATE (surface weathered; silt, surface weathered; medium hard; silty, medium hard)				
2	CARBONATE (sandy, hard or medium hard)				
21	CARBONATE (slightly cherty: <5%chert)				
23	MARBLE (hard or medium hard)				
3	CONGLOMERATE-SANDSTONE-ARKOSE (hard)				
22	CONGLOMERATE-SANDSTONE-ARKOSE (medium hard)				
6	GREYWACKE-ARGILLITE (hard or medium hard)				
4	GNEISS-AMPHIBOLITE -SCHIST (hard)	77.8	7.5		
5	QUARTZITE	34.3	3.3		
8	GRANITE-DIORITE-GABBRO (hard)	919.4	88.3		
7	VOLCANIC (hard)				
9	TRAP (<20% sulphide)				
10	QUARTZ (vein or pegmatitic)				
77	GYPSITE (<10% gypsum)				
	TOTAL GOOD AGGREGATE	1031.5	99.1		
35	CARBONATE (soft; silty, soft; slightly shaley)			x2	
41	CARBONATE (soft, pitted)			x2	
42	CARBONATE (deeply weathered; silty, deeply weathered)			x2	
40	CARBONATE (sandy, soft)			x2	
24	MARBLE (brittle)			x2	
26	CHERT-CHERTY CARBONATE (<20% leached chert)			x2	
30	CONGLOMERATE-SANDSTONE-ARKOSE (brittle)			x2	
29	GREYWACKE (brittle)			x2	
52	ENCRUSTATION			x2	
25	GNEISS-AMPHIBOLITE-SCHIST (brittle)			x2	
34	ARGILLITE (medium soft)			x2	
27	GRANITE-DIORITE-GABBRO (brittle)	9.7	0.9	x2	1.9
28	VOLCANIC (soft)			x2	
	TOTAL FAIR AGGREGATE	9.7	0.9		
43	CARBONATE (shaley; clayey; silty, clayey)				
44	CARBONATE (ochreous; sandy, ochreous)				
49	MARBLE (friable)			x3	
45	CHERT-CHERTY CARBONATE (>20% leached chert)			x5	
46	CONGLOMERATE-SANDSTONE-ARKOSE (friable)			x3	
56	SILTSTONE			x3	
53	CEMENTATION (partial)				
54	CEMENTATION (total)				
50	GNEISS-AMPHIBOLITE (friable)			x3	
55	SCHIST (soft)			x3	
51	GRANITE-DIORITE-GABBRO (friable)			x3	
48	VOLCANIC (very soft, porous)			x3	
78	GYPSITE (gypsum 10 to 49%)				
	TOTAL POOR AGGREGATE	0	0.0		
60	OCHRE				
61	SHALE				
62	CLAY				
63	VOLCANIC-GNEISS-SCHIST (decomposed)				
	TOTAL DELETERIOUS AGGREGATE	0	0.0		
	TOTALS	1041.2	100.0		1.9
% GOOD		99.1	x 1	99.1	
% FAIR		0.9	x 3	2.8	
% POOR		0.0	x 6	0.0	
% DELETERIOUS		0.0	x 10	0.0	
HOT MIX, SURFACE TREATMENT AND CONCRETE P.N.		101.9			
				EST. PERCENT CRUSHED	100
				EST. PERCENT FLATS & ELONGATED	<5
				CORRECTED GRANULAR AND 16.0 mm TYPE B P.N.	100.0

TABLE 8

COARSE AGGREGATE PETROGRAPHIC ANALYSIS

PIT NAME: MRT Sample #8

DATE: Sept 22/03

FRACTION 19.0 - 9.5 mm

ANALYST: CW

JEGEL: 103061

ID#: 7000

TYPE No.	TYPE	MASS	%	GRANULAR & 16.0 mm TYPE B CORRECTION	
1	CARBONATE (hard; silty, hard)				
20	CARBONATE (surface weathered; silt, surface weathered; medium hard; silty, medium hard)				
2	CARBONATE (sandy, hard or medium hard)				
21	CARBONATE (slightly cherty: <5% chert)				
23	MARBLE (hard or medium hard)				
3	CONGLOMERATE-SANDSTONE-ARKOSE (hard)				
22	CONGLOMERATE-SANDSTONE-ARKOSE (medium hard)				
6	GREYWACKE-ARGILLITE (hard or medium hard)				
4	GNEISS-AMPHIBOLITE-SCHIST (hard)	46.6	4.4		
5	QUARTZITE	17.4	1.6		
8	GRANITE-DIORITE-GABBRO (hard)	995.8	93.5		
7	VOLCANIC (hard)				
9	TRAP (<20% sulphide)				
10	QUARTZ (vein or pegmatitic)				
77	GYP SITE (<10% gypsum)				
	TOTAL GOOD AGGREGATE	1059.8	99.5		
35	CARBONATE (soft; silty, soft, slightly shaley)			x2	
41	CARBONATE (soft, pitted)			x2	
42	CARBONATE (deeply weathered; silty, deeply weathered)				
40	CARBONATE (sandy, soft)			x2	
24	MARBLE (brittle)			x2	
26	CHERT-CHERTY CARBONATE (<20% leached chert)			x2	
30	CONGLOMERATE-SANDSTONE-ARKOSE (brittle)			x2	
29	GREYWACKE (brittle)			x2	
52	ENCRUSTATION			x2	
25	GNEISS-AMPHIBOLITE-SCHIST (brittle)			x2	
34	ARGILLITE (medium soft)			x2	
27	GRANITE-DIORITE-GABBRO (brittle)	5.6	0.5	x2	1.1
28	VOLCANIC (soft)			x2	
	TOTAL FAIR AGGREGATE	5.6	0.5		
43	CARBONATE (shaley; clayey; silty, clayey)				
44	CARBONATE (ochreous; sandy, ochreous)				
49	MARBLE (friable)			x3	
45	CHERT-CHERTY CARBONATE (>20% leached chert)			x5	
46	CONGLOMERATE-SANDSTONE-ARKOSE (friable)			x3	
56	SILTSTONE			x3	
53	CEMENTATION (partial)				
54	CEMENTATION (total)				
50	GNEISS-AMPHIBOLITE (friable)			x3	
55	SCHIST (soft)			x3	
51	GRANITE-DIORITE-GABBRO (friable)			x3	
48	VOLCANIC (very soft, porous)			x3	
78	GYP SITE (gypsum 10 to 49%)			x3	
	TOTAL POOR AGGREGATE	0	0.0		
60	OCHRE				
61	SHALE				
62	CLAY				
63	VOLCANIC-GNEISS-SCHIST (decomposed)				
	TOTAL DELETERIOUS AGGREGATE	0	0.0		
	TOTALS	1065.4	100.0		1.1
	% GOOD	99.5	x 1	99.5	
	% FAIR	0.5	x 3	1.6	
	% POOR	0.0	x 6	0.0	
	% DELETERIOUS	0.0	x 10	0.0	
	HOT MIX, SURFACE TREATMENT AND CONCRETE P.N.	101.1			
				EST. PERCENT CRUSHED	100
				EST. PERCENT FLATS & ELONGATED	<5
				CORRECTED GRANULAR AND 16.0 mm TYPE B P.N.	100.0

TABLE 9

COARSE AGGREGATE PETROGRAPHIC ANALYSIS

PIT NAME: MRT Sample #9

JEGEL: 103061

DATE: Sept 22/03

FRACTION 19.0 - 9.5 mm

ANALYST: CW

ID#: 7000

TYPE No.	TYPE	MASS	%	GRANULAR & 16.0 mm TYPE B CORRECTION	
1	CARBONATE (hard; silty, hard)				
20	CARBONATE (surface weathered; silt, surface weathered; medium hard; silty, medium hard)				
2	CARBONATE (sandy, hard or medium hard)				
21	CARBONATE (slightly cherty: <5%chert)				
23	MARBLE (hard or medium hard)				
3	CONGLOMERATE-SANDSTONE-ARKOSE (hard)				
22	CONGLOMERATE-SANDSTONE-ARKOSE (medium hard)				
6	GREYWACKE-ARGILLITE (hard or medium hard)				
4	GNEISS-AMPHIBOLITE -SCHIST (hard)	44.7	4.1		
5	QUARTZITE				
8	GRANITE-DIORITE-GABBRO (hard)	1053.2	95.7		
7	VOLCANIC (hard)				
9	TRAP (<20% sulphide)				
10	QUARTZ (vein or pegmatitic)				
77	GYPSITE (<10% gypsum)				
	TOTAL GOOD AGGREGATE	1097.9	99.8		
35	CARBONATE (soft; silty, soft; slightly shaley)			x2	
41	CARBONATE (soft, pitted)			x2	
42	CARBONATE (deeply weathered; silty, deeply weathered)				
40	CARBONATE (sandy, soft)			x2	
24	MARBLE (brittle)			x2	
26	CHERT-CHERTY CARBONATE (<20% leached chert)			x2	
30	CONGLOMERATE-SANDSTONE-ARKOSE (brittle)			x2	
29	GREYWACKE (brittle)			x2	
52	ENCRUSTATION			x2	
25	GNEISS-AMPHIBOLITE-SCHIST (brittle)			x2	
34	ARGILLITE (medium soft)			x2	
27	GRANITE-DIORITE-GABBRO (brittle)	2.6	0.2	x2	0.5
28	VOLCANIC (soft)			x2	
	TOTAL FAIR AGGREGATE	2.6	0.2		
43	CARBONATE (shaley; clayey; silty, clayey)				
44	CARBONATE (ochreous; sandy, ochreous)				
49	MARBLE (friable)			x3	
45	CHERT-CHERTY CARBONATE (>20% leached chert)			x5	
46	CONGLOMERATE-SANDSTONE-ARKOSE (friable)			x3	
56	SILTSTONE			x3	
53	CEMENTATION (partial)				
54	CEMENTATION (total)				
50	GNEISS-AMPHIBOLITE (friable)			x3	
55	SCHIST (soft)			x3	
51	GRANITE-DIORITE-GABBRO (friable)			x3	
48	VOLCANIC (very soft, porous)			x3	
78	GYPSITE (gypsum 10 to 49%)				
	TOTAL POOR AGGREGATE	0	0.0		
60	OCHRE				
61	SHALE				
62	CLAY				
63	VOLCANIC-GNEISS-SCHIST (decomposed)				
	TOTAL DELETERIOUS AGGREGATE	0	0.0		
	TOTALS	1100.5	100.0		0.5
% GOOD		99.8	x 1	99.8	
% FAIR		0.2	x 3	0.7	
% POOR		0.0	x 6	0.0	
% DELETERIOUS		0.0	x 10	0.0	
HOT MIX, SURFACE TREATMENT AND CONCRETE P.N.		100.5			
				EST. PERCENT CRUSHED	100
				EST. PERCENT FLATS & ELONGATED	<5
				CORRECTED GRANULAR AND 16.0 mm TYPE B P.N.	100.0

TABLE 10

COARSE AGGREGATE PETROGRAPHIC ANALYSIS

PJT NAME: MRT Sample #10
DATE: Sept 22/03

FRACTION 19.0 - 9.5 mm

ANALYST: CW

JEGEL: 103061
ID#: 7000

TYPE No.	TYPE	MASS	%	GRANULAR & 16.0 mm TYPE B CORRECTION																									
1	CARBONATE (hard; silty, hard)																												
20	CARBONATE (surface weathered; silt, surface weathered; medium hard; silty, medium hard)																												
2	CARBONATE (sandy, hard or medium hard)																												
21	CARBONATE (slightly cherty: <5%chert)																												
23	MARBLE (hard or medium hard)																												
3	CONGLOMERATE-SANDSTONE-ARKOSE (hard)																												
22	CONGLOMERATE-SANDSTONE-ARKOSE (medium hard)																												
6	GREYWACKE-ARGILLITE (hard or medium hard)																												
4	GNEISS-AMPHIBOLITE -SCHIST (hard)																												
5	QUARTZITE																												
8	GRANITE-DIORITE-GABBRO (hard)	1034.5	98.6																										
7	VOLCANIC (hard)																												
9	TRAP (<20% sulphide)																												
10	QUARTZ (vein or pegmatitic)																												
77	GYP SITE (<10% gypsum)	1034.5	98.6																										
	TOTAL GOOD AGGREGATE				x2																								
35	CARBONATE (soft; silty, soft; slightly shaley)				x2																								
41	CARBONATE (soft, pitted)																												
42	CARBONATE (deeply weathered; silty, deeply weathered)				x2																								
40	CARBONATE (sandy, soft)				x2																								
24	MARBLE (brittle)				x2																								
26	CHERT-CHERTY CARBONATE (<20% leached chert)				x2																								
30	CONGLOMERATE-SANDSTONE-ARKOSE (brittle)				x2																								
29	GREYWACKE (brittle)				x2																								
52	ENCRUSTATION				x2																								
25	GNEISS-AMPHIBOLITE-SCHIST (brittle)				x2																								
34	ARGILLITE (medium soft)	14.9	1.4		x2 2.8																								
27	GRANITE-DIORITE-GABBRO (brittle)				x2																								
28	VOLCANIC (soft)	14.9	1.4																										
	TOTAL FAIR AGGREGATE																												
43	CARBONATE (shaley; clayey; silty, clayey)																												
44	CARBONATE (ochreous; sandy, ochreous)				x3																								
49	MARBLE (friable)				x5																								
45	CHERT-CHERTY CARBONATE (>20% leached chert)				x3																								
46	CONGLOMERATE-SANDSTONE-ARKOSE (friable)				x3																								
56	SILTSTONE				x3																								
53	CEMENTATION (partial)																												
54	CEMENTATION (total)				x3																								
50	GNEISS-AMPHIBOLITE (friable)				x3																								
55	SCHIST (soft)				x3																								
51	GRANITE-DIORITE-GABBRO (friable)				x3																								
48	VOLCANIC (very soft, porous)				x3																								
78	GYP SITE (gypsum 10 to 49%)	0	0.0																										
	TOTAL POOR AGGREGATE																												
60	OCHRE																												
61	SHALE																												
62	CLAY																												
63	VOLCANIC-GNEISS-SCHIST (decomposed)	0	0.0																										
	TOTAL DELETERIOUS AGGREGATE																												
	TOTALS	1049.4	100.0		2.8																								
<table border="0" style="width:100%"> <tr> <td>% GOOD</td> <td>98.6</td> <td>x 1</td> <td>98.6</td> <td></td> <td></td> </tr> <tr> <td>% FAIR</td> <td>1.4</td> <td>x 3</td> <td>4.3</td> <td></td> <td></td> </tr> <tr> <td>% POOR</td> <td>0.0</td> <td>x 6</td> <td>0.0</td> <td></td> <td></td> </tr> <tr> <td>% DELETERIOUS</td> <td>0.0</td> <td>x 10</td> <td>0.0</td> <td></td> <td></td> </tr> </table>						% GOOD	98.6	x 1	98.6			% FAIR	1.4	x 3	4.3			% POOR	0.0	x 6	0.0			% DELETERIOUS	0.0	x 10	0.0		
% GOOD	98.6	x 1	98.6																										
% FAIR	1.4	x 3	4.3																										
% POOR	0.0	x 6	0.0																										
% DELETERIOUS	0.0	x 10	0.0																										
HOT MIX, SURFACE TREATMENT AND CONCRETE P.N.		102.8																											
				EST. PERCENT CRUSHED	100																								
				EST. PERCENT FLATS & ELONGATED	<5																								
				CORRECTED GRANULAR AND 16.0 mm TYPE B P.N.	100.0																								

Date: 2003-DEC-02

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

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

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

Submission Number: 2.26749
Transaction Number(s): W0390.01885

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 or by phone at (705) 670-5855.

Yours Sincerely,



Ron C. 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)



31C12SW2002 2.26749 METHUEN

200

ONTARIO
CANADA

MINISTRY OF NORTHERN
DEVELOPMENT AND MINES
PROVINCIAL MINING
RECORDERS' OFFICE

Mining Land Tenure
Map

Date / Time of Issue: Tue Dec 02 13:21:21 EST 2003

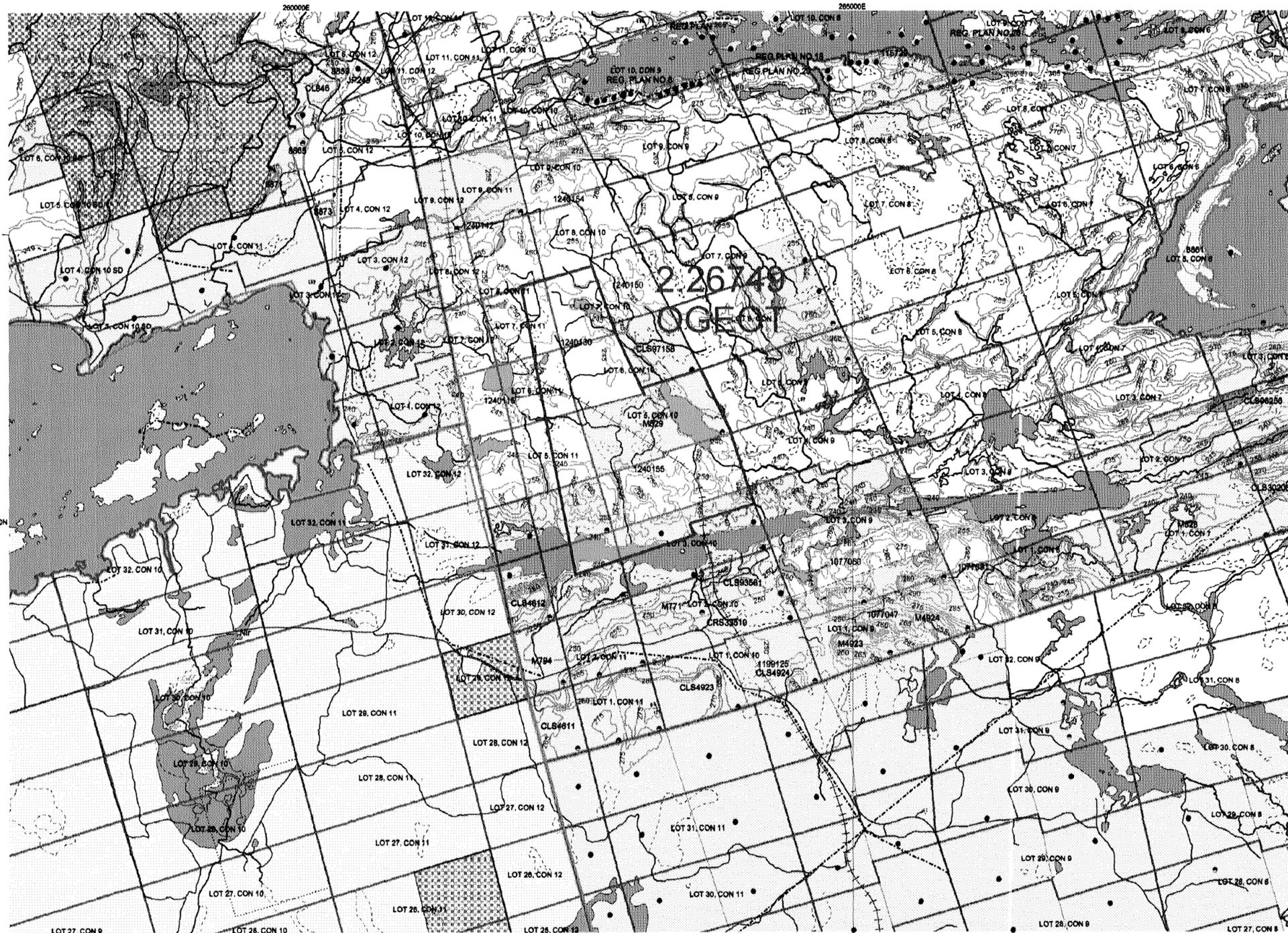
TOWNSHIP / AREA
METHUEN (SOUTH)

PLAN
G-3053

ADMINISTRATIVE DISTRICTS / DIVISIONS

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

Southern Ontario
PETERBOROUGH
BANCROFT



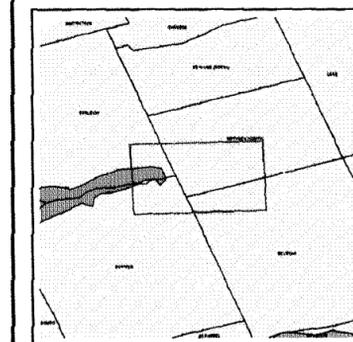
UTM Zone 18
5000m grid

TOPOGRAPHIC

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

Land Tenure

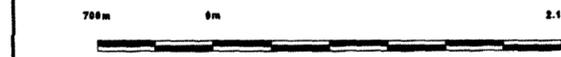
- Freehold Patent**
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Leasehold Patent**
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Licence of Occupation**
 - Uses Not Specified
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Land Use Permit**
 - Order In Council (Not open for staking)
 - Water Power Lease Agreement
- Mining Claims**
 - 1234567
 - Filed Only Mining Claims



LAND TENURE WITHDRAWALS

- 1234 Areas Withdrawn from Disposition
- Mining Acts Withdrawal Types**
 - Surface And Mining Rights Withdrawn
 - Surface Rights Only Withdrawn
 - Mining Rights Only Withdrawn
- Order In Council Withdrawal Types**
 - Surface And Mining Rights Withdrawn
 - Surface Rights Only Withdrawn
 - Mining Rights Only Withdrawn

IMPORTANT NOTICES



LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
8832	Ws	Jan 1, 2001	4 AUG 71 SURFACE MINING RIGHTS 57818
8837	Wsm	Jan 1, 2001	BEC.43 7/2/72 SR & MR 57816
8838	Wsm	Jan 1, 2001	BEC.43 18/4/73 SR & MR 57816
8849	Wsm	Jan 1, 2001	BEC.43 7/2/72 SR & MR 57816
8851	Wsm	Jan 1, 2001	BEC.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 4/8/71 SRAMR 57861
8861	Wsm	Jan 1, 2001	SEC.36 RESERVE FOR PUBLIC USE
8860	Wsm	Jan 1, 2001	BEC.43 4/8/71 SRAMR 57861
8871	Wsm	Jan 1, 2001	SEC.43 4/8/71 SRAMR 57861
8873	Ws	Feb 14, 1985	SEC.36/80 14/2/85 SRO

IMPORTANT NOTICES

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

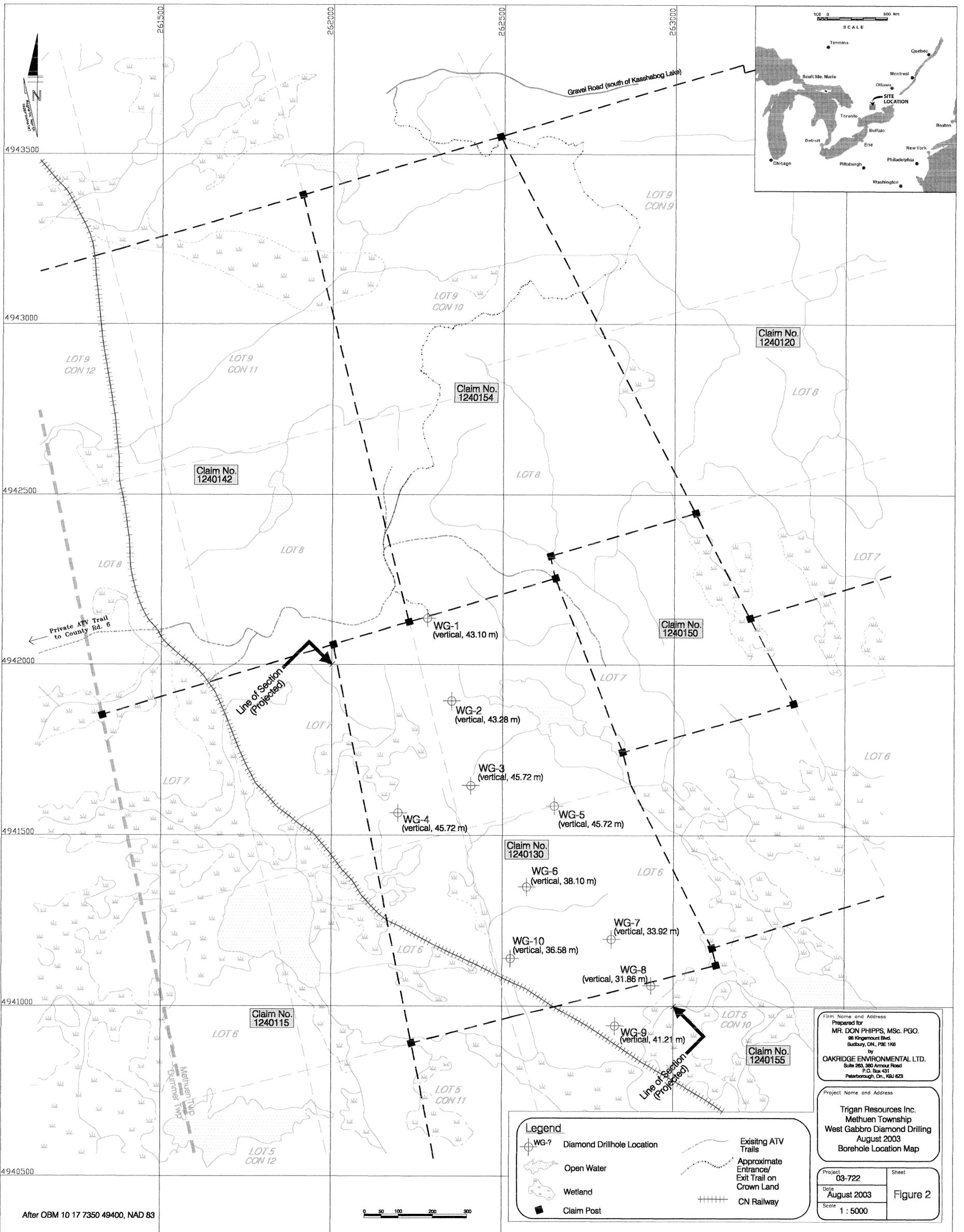
Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes 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.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations

Contact information: Provincial Mining Recorders' Office, Willet Green Miller Centre 933 Ramsey Lake Road, Sudbury ON P3E 8B5. Home Page: www.mndm.gov.on.ca/MNDMMINES/LANDS/misnmgp.htm

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of way, 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.



After OBM 10 17 7350 49400, NAD 83

Firm Name and Address
 Prepared for
MR. DON PHIPPS, MSc. PGO.
 88 Kingmount Blvd.
 Sudbury, ON, P8E 1K6
 by
OAKRIDGE ENVIRONMENTAL LTD.
 Suite 203, 360 Armour Road
 P.O. Box 431
 Peterborough, ON, K9U 6Z3

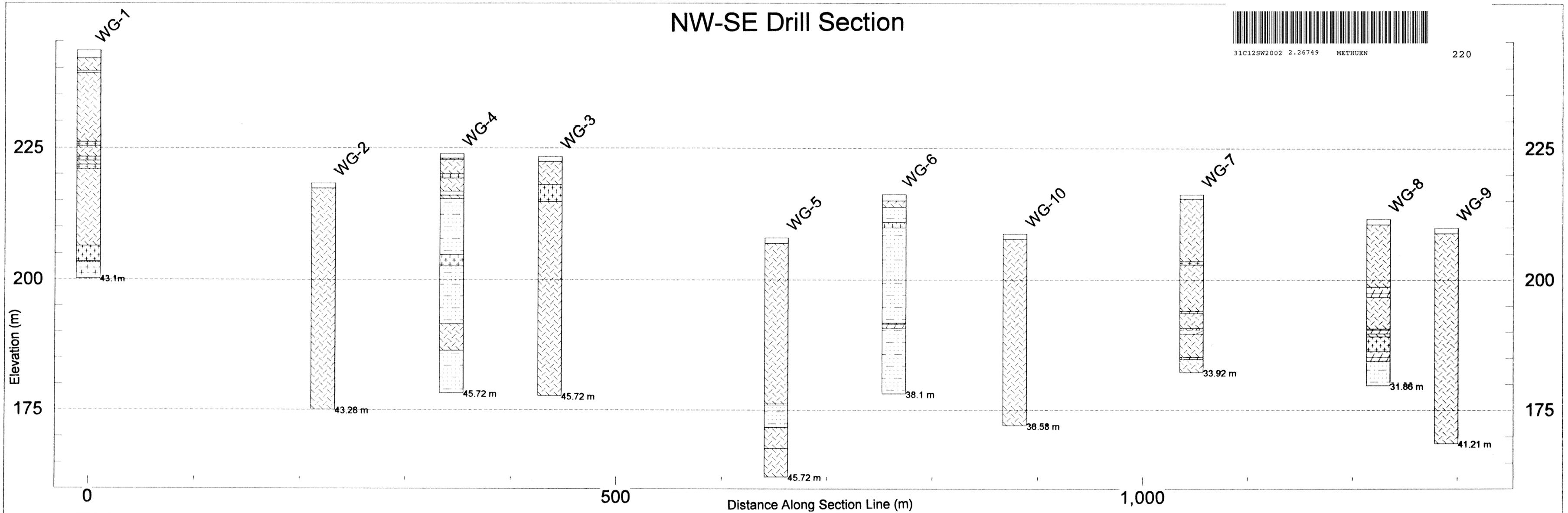
Project Name and Address
Trigan Resources Inc.
 Methuen Township
 West Gabbro Diamond Drilling
 August 2003
 Borehole Location Map

Project 03-722	Sheet Figure 2
Date August 2003	
Scale 1 : 5000	

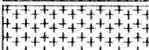
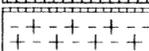
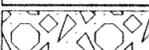
NW-SE Drill Section



31C12SW2002 2.26749 METHUEN 220



Trigan Resources Inc.
Methuen Twp., West Gabbro Project

-  Casing
-  Gabbro
-  Granite
-  Gabbro & Granite
-  Granodiorite
-  Metasediments
-  Silicified Breccia

Diamond Drilling Contractor: Agile Drilling Inc.
Logged By: Mr. Don Phipps, P. Geo.

2.26749

Mining Claims: SO 1240130 & 1240155
Vertical Scale: 1:500 / Horizontal Scale 1:2,500
All Holes Drilled Vertical
Plotted By: Oakridge Environmental Ltd.

See Figure 2 for Line of Section

Figure 3