

2.24146

Report
on the

**Continuation of Testing
and
Marketing of a Granite Site,**

Harvey Township, ON
Southern Ontario Mining Division

for

FPL AGGREGATES
18444 McCOWAN ROAD
MOUNT ALBERT, ON
L0G 1M0

by:
Raymond L. Lashbrook
Lashex Ltd.
Aug. 2002



31D09NW2018 2.24146

HARVEY

010

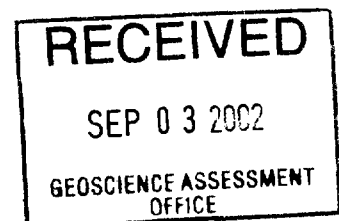


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INTRODUCTION

This report is a follow-up to work filed in 2001 for assessment on claims in the Township of Harvey, Southern Ontario Mining Division. In 2001 a test area was stripped, drilled and blasted, and mapped. A bulk sample was taken in July 2001 with the granite rock shipped to FPL's Holt depot. The assessment report in 2001 covered this portion of the work with results of further work incomplete at the time.

The following report covers the results to date of this work. Test results and invoices are appended. As a reference, last years report has also been appended.



This may may not place an irregular feed source and therefore is not including within pasture, forest, woodlands, right of way, heavily grazed, improved, or other types of agricultural rights and interests from the State. Also certain feed source and

Read more about some important information or comments about this report before proceeding, clicking on relevant development activities.

RESULTS OF 2001 - 2002 WORK PROGRAM

During the year the bulk sample was tested to explore for various aspects of the granite. These include coarse and fine aggregate for hot asphalt paving, cutting and polishing, engraving and sculpting, landscaping, pre-casting and as driveway applications.

Washed Granite Screenings

FPL trucked 150 tonnes of granite screenings from their Holt depot to Stewart Construction Ltd's. washing plant in Orillia of which 100 tonnes of this material was later returned to Holt by FPL trucks. This washed product consisted of 85 tonnes of washed screenings (manufactured sand) and 15 tonnes of washed 1/4" stone chips. The remaining 50 tonnes was discharged into the settling pond at the wash plant. A copy of the DFC fine aggregate is attached.

Ministry of Transportation Testing

The MTO sampled 2 small stockpiles of ~150 tonnes each from the Holt depot. This material was tested at the ministry's Downsview laboratory for use as Hot Mix Aggregate - Coarse and Hot Mix Aggregate - Fine for road paving. The MTO also had an independent laboratory, CTA Laboratory, and Soil-Eng Limited test the same material. The results of the tests by the MTO, CTA Laboratory and Soil-Eng Limited and invoices are attached at the back of this report.

The results of the testing conclude that both the fine and the coarse material meets the OPSS Special Provision No. 110F12 Physical Requirements for Asphalt Aggregates.

Cutting and Polishing

A 3 tonne block of granite was shipped by a FPL truck to Khouri Granite Ltd. in Sudbury to be cut and polished into sample tiles and a counter top. These materials were picked up on Aug. 22, 2002 and shipped back to FPL's depot.

It was determined that this granite cut and polished well and had a consistent texture and colour. The staff at Khouri Granite were enthusiastic about it's colour and grain and want FPL to quarry out blocks for them to do further testing.

A letter and an invoice from Khouri Granite are attached.

Engraving and Sculpting

Graphics on Granite acquired two blocks from the Holt depot of FPL.

One block was cut, polished and sculpted into a Team Canada Olympic Trophy. A picture of this is attached.

The second granite block of ~200 kg. was used to cut and engrave a scenic picture and municipal address on it for landscaping. A picture of this is attached.

Driveway Applications

Three quarter inch clear granite processed by FPL has been used for driveways and pathways in the Aurora and Uxbridge areas for residential use. Upon request, due to its reddish colour, the same product was used on a movie set for a driveway that had to have red granite on it. The company that used the stone on the movie set was Get It Straight Productions from Toronto.

Landscaping

Earthworks Garden Construction Ltd. from Bowmanville picked up 5 tonnes of rocks from the Holt depot ranging from 100 to 300 kg. to introduce into the landscaping market and promote water features and rockery for gardens. The same company has had displays at various home shows in the Oshawa area.

Precast

Samples of washed screenings (manufactured sand) have been introduced to some precast companies in south central Ontario. There has been some positive interest in this fine aggregate to enhance the colour and quality of their products. Tarcova Precast from Gormley has shown the most interest.





CONCLUSIONS

The results of all the testing and various applications of the granite from the Harvey Township property of FPL Aggregates have been positive.

The granite has been shown to test well within the limits imposed for coarse and fine Hot Mix Aggregate for paving. This is an important first step for future use by the MTO. The use in the paving industry will be a high end use for this product.

To date the granite has been shown to have various uses in landscaping for rockery stone and water gardens, for driveways due to its red colour and for engraving.

The granite has shown to be able to sculpture and polish into products such as trophy's. Other applications in this area should yield similar results.

The granite can be cut and polished well for use as tiles and counter tops. It gave a consistent texture, colour and grain.

RECOMMENDATIONS

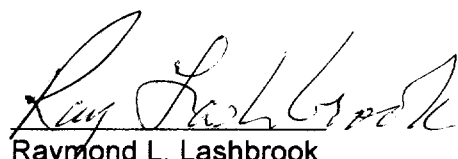
The following recommendations are made in follow-up to the positive results to date.

- a) Enough granite should be stockpiled in order to use as a test strip of asphalt.
- b) Other areas on the property should be identified for various uses. For example a location for taking out larger blocks for cutting and polishing should be found well away from an area used for aggregate as the blasting for the aggregate is incompatible with the removal of fracture free large blocks.
- c) Other uses for the granite should be explored

STATEMENT OF QUALIFICATIONS

I, **Raymond L. Lashbrook**, do hereby declare:

- i) that I reside at: 973 Pine Creek Road South, R.R.#1
Callander, Ontario, P0H 1H0
- ii) that I attended Haileybury School of Mines in the Two Year Mining Technician course
from 1967 to 1969.
- iii) that I have been practicing my profession ever since.
- iv) that I have personal knowledge of the facts presented in this report.
- v) that I own a contract exploration company, Lashex Ltd., that performed the
assessment work being submitted.

A handwritten signature in black ink, appearing to read 'Ray Lashbrook', written over a horizontal line.

Raymond L. Lashbrook
Aug. 30, 2002

Stewart Construction Ltd.



Phone: (705) 326-4711
 Fax: (705) 326-0305
 Email: jgstewart@encode.com

GRAVEL CRUSHING, SCREENING & WASHING

Sold To • Floyd Preston Limited
 P.O. Box 548
 • Mount Albert, Ontario
 L0G 1M0

1118 Brodie Drive
 R.R. #4
 Orillia, Ont. L3V 6H4
 Date: August 1 2002

INVOICE

DATE	DESCRIPTION	AMOUNT
	Material Produced in Pit #5 Orillia:	
	Unit 1-300	
	Washed Granite Screenings 150 Tonnes @ \$10.00 Per Tonne	1,500.00
	GST 123336851	<u>105.00</u>
		1,605.00
	TERMS: Net 30 Days	

TERMS — CASH — INTEREST CHARGED ON ALL PAST DUE ACCOUNTS

001259

Ministry of
Transportation

Ministère des
Transports



Telephone: (416) 235-5438
Fax: (416) 235-3999

Geotechnical Engineering
Central Region
5th Floor, Atrium Tower
1201 Wilson Avenue
Downsview, Ontario
M3M 1J8

July 10, 2002

FPL Aggregates
18444 McCowan Road,
P.O. Box 548
Mt. Albert, Ontario
L0G 1M0

Attention: Larry Preston

Dear Mr. Preston

RE: Test results from Mountain Lake Quarry (Hot Mix Aggregate-Coarse; Hot Mix Aggregate-Fine)
(Harvey Twp., Conc. VI, Lot 32; Source No. B09-009)

Test results completed to date, of material as described above, was sampled from two small stockpiles (approximately 150 tonnes each) by the MTO on Aug. 30, 2001 are attached. This testing was completed at the ministry's Downsview laboratory. Also shown is testing completed by CTA Laboratory of material from the same source. Testing to date has not yet been completed on the split core sample. These test results will be forwarded to you as soon as they become available.

If you wish to discuss these test results further, please call.

Sincerely,

A handwritten signature in black ink, appearing to read "H. Bykerk", written over a horizontal line.

Henry Bykerk
Aggregate Resources Information Officer
For:
M. D. Billings
Head, Geotechnical Engineering

Attachment

c.c. D. Williams
B. Grant

**Test Results on samples from the FPL Mountain Lake Quarry, located at Harvey Twp., Conc. VI, Lot 32
Source No. B09-009**

	MTO Lab# (01-B-09015) Feb. 12, 2002	CTA Lab# (SENGA2-52) April 29, 2002
Coarse Aggregate		
Absorption (%)	0.317	0.485
Magnesium Sulphate Soundness (% loss)	4	n/c
Petrographic Number, HM & Conc.	108.5	103
Micro-Deval Abrasion (% loss)	7.5	10.8
Accelerated Mortar Bar (% exp. At 14 days)	n/c	n/c
Unconfined Freeze-Thaw (% loss)	0	3.5
Flat & Elongated Particles (%)	n/c	4.9
Polished Stone Value (%)	51	n/c

	MTO Lab# (01-B-09016) Oct. 23, 2001	CTA Lab# (SENGA2-13) March 13, 2002
Fine Aggregate		
Micro-Deval Abrasion (% loss)	9.6	6.6
Absorption (%)	0.451	0.442

Note: n/c indicates this test was not completed or not reported

MTO Petrographic description (Jan. 5, 2002):

100% Granite

AGGREGATE TEST COMPUTATION SYSTEM (ATCS)

Sample Number ==> 01-B-09015
 Contract number ==>

Date: Feb 12/02

PETROGRAPHIC ANALYSIS LS-609

TYPE NO ROCK TYPE DESCRIPTION

PERCENT

G O O D Aggregate

8 GRANITE - DIORITE - GABBRO (Hard)

95.7

PERCENT GOOD

95.7

F A I R Aggregate

27 GRANITE - DIORITE - GABBRO (Brittle)

4.3

PERCENT FAIR

4.3

P O O R Aggregate

PERCENT POOR

0.0

DELETERIOUS Aggregate

PERCENT DELETERIOUS

0.0

PETROGRAPHIC NUMBERS

FRACTION ==> Full

Granular & 16.0 mm Crushed P.N. ==> 100.0

Hot mix and Concrete P.N. ==> 108.5

WEIGHTED PETROGRAPHIC NUMBER

SIZE(S) TESTED Full

Granular & 16.0 mm Crushed P.N. ==> 100.0

Hot mix and Concrete P.N. ==> 108.5

April 29, 2002

Report No.: SENG2-52

Reference No.: 9801-M19

Soil-Eng Limited
100 Nugget Ave.
Scarborough, Ontario
M1S 3A7

Attention: Mr. S. Sanjeevan

Project: Aggregate Physical Testing

Subject: Physical Testing of DFC Coarse Aggregate

Reference Standard(s)

- 1) Gradation Test (MTO LS-602)
- 2) Material Finer Than 0.075 mm (MTO LS-601)
- 3) Micro-Deval Abrasion Test (MTO LS-618)
- 4) Flat & Elongated Test (MTO LS-608)
- 5) Petrographic Analysis (MTO LS-609)
- 6) Unconfined Freeze-Thaw Test (MTO LS-614)
- 7) Specific Gravity & Absorption Test (MTO LS-604)

Dear Mr. Sanjeevan

1.0 Introduction

On April 23, 2002, Construction Testing Asphalt Lab Ltd. was requested to perform Gradation and Physical Testing on DFC Coarse Aggregate samples delivered to our office. The sample was prepared and tested according to the above-mentioned reference standards.

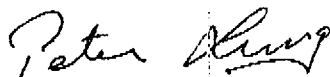
2.0 Test Results

The test results are listed on the appended Table no.'s A & B. Included at the end of this report are the supporting test documents.

3.0 Closure

We trust that this report will meet with your requirements. If there are any questions, or if further consultation is necessary, please contact the undersigned.

Respectfully submitted,
Construction Testing Asphalt Lab Ltd.



Peter Lung, C.E.T.
Manager

1 cc: Client
1 cc: File, rep-SENG2-13

GRADATION ANALYSIS
DFC STONE
TABLE "A" (DFC (Granitic) Stone)

SIEVE SIZE	SPECIFICATION (OPSS)	GRADATION % PASSING
19.0 mm		
16.0 mm	100	100.0
13.2 mm	96.0 - 100.0	99.7
9.5 mm	50.0 - 73.0	52.1
4.75 mm	0.0 - 10.0	6.5

PHYSICAL TESTING SUMMARY
TABLE "B" (DFC (Granitic) Stone)

MICRO-DEVAL	DFC Stone (Granitic)	(Control = 17.3)
Coarse Aggregate	15 max	10.8
Material Finer Than 0.075 mm	DFC Stone 1.0 % max	0.5
Flat & Elongated	15% max	4.9%
Petrographic Number	145 max	103
Freeze-Thaw	6 max	(Control = 20.2%) 3.5%
Specific Gravity and Absorption	Bulk Relative Density Bulk Relative Density Apparent Specific Gravity Absorption 1.0 max	BRD = 2.619 SSD = 2.632 2.653 0.485%

NOTE : * Denotes where sample fails to meet OPSS Special Provision No. 110F12
Physical Requirements for Asphalt Aggregates.

Date Received: April 23, 2002

Material: DFC Stone (Granitic Stone)

Supplier

Lab No. A2-52

Comments: A review of these tables shows that the material meets the OPSS
Special Provision No. 110F12 Physical Requirements for Asphalt
Aggregates.

Gradation Summary

	Apr. 15	Apr. 23	Average	Spec
16.0 mm	100	100	100	100
13.2 mm	99.9	99.5	99.7	96-100
9.5 mm	62.2	42.0	52.1	50-73
4.75 mm	11.5	1.5	6.5	0-10
2.36 mm	4.7	0.6	2.7	
1.18 mm	3.5	0.5	2.0	
0.600 mm	2.7	0.5	1.6	
0.300 mm	1.8	0.4	1.1	
0.150 mm	1.2	0.3	0.8	
0.075 mm	0.7	0.2	0.5	0-1.4

COARSE AGGREGATE PETROGRAPHIC ANALYSIS

SAMPLE DESCRIPTION: 13.2 mm Granitic Stone
 FRACTION: 13.2 mm retained
 ANALYST: H. Lohse

PROJECT No. LG-2202
 SAMPLE No. A2-52
 Date April 28, 2002

TYPE	TYPE NO.	MASS	%	GRANULAR CORRECTION	
CARBONATE (hard, silty, hard)	01	6.1	1.2	-	-
GRANITE-DIORITE-GABBRO (hard)	08	500.9	97.5	-	-
TOTAL GOOD AGGREGATE		507.0	98.7	-	-
GRANITE-DIORITE-GABBRO (brittle)	27	6.6	1.3	x 2	2.6
TOTAL FAIR AGGREGATE		6.6	1.3		
TOTAL POOR AGGREGATE		0.0	0.0		
TOTAL DELETERIOUS AGGREGATE		0.0	0.0		
TOTALS		513.6	100.0		2.6

PERCENT GOOD	98.7	x	1	=	98.7
PERCENT FAIR	1.3	x	3	=	3.9
PERCENT POOR	0.0	x	6	=	0.0
PERCENT DELETERIOUS	0.0	x	10	=	0.0

HOT MIX, MULCH AND CONCRETE P.N.	103
CORRECTED GRANULAR AND 16 mm CRUSHED P.N.	100

NOTES:

- ANALYSIS CARRIED OUT ACCORDING TO MTO METHOD OF TEST LS-609.
- THIS ANALYSIS DOES NOT TAKE INTO ACCOUNT THE POTENTIAL FOR ALKALI-AGGREGATE REACTIVITY.

March 13, 2002

Report No.: SENG2-13

Reference No.: 9801-M19

Soil-Eng Limited
100 Nugget Ave.
Scarborough, Ontario
M1S 3A7

Attention: Mr. S. Sanjeevan

Project: Aggregate Physical Testing

Subject: Physical Testing of DFC Fine Aggregate

Reference Standard(s):
1) Gradation Test (MTO LS-602)
2) Micro-Deval Abrasion Test (MTO LS-619)
3) Plasticity Index Test (MTO LS-704)
4) Specific Gravity & Absorption Test (MTO LS-605)

Dear Mr. Sanjeevan

1.0 Introduction

On February 26, 2002, Construction Testing Asphalt Lab Ltd. was requested to perform Gradation and Physical Testing on DFC Fine Aggregate samples delivered to our office. The sample was prepared and tested according to the above-mentioned reference standards.

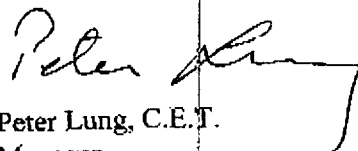
2.0 Test Results

The test results are listed on the appended Table no.'s 1A & 1B. Included at the end of this report are the supporting test documents.

3.0 Closure

We trust that this report will meet with your requirements. If there are any questions, or if further consultation is necessary, please contact the undersigned.

Respectfully submitted,
Construction Testing Asphalt Lab Ltd.



Peter Lung, C.E.T.
Manager

1 cc: Client
1 cc: File, rep-SENG2-13

GRADATION ANALYSIS
DFC Fine
TABLE "1A"

SIEVE SIZE	SPECIFICATION	GRADATION % PASSING
9.5 mm	100	100.0
4.75 mm	85 - 100	98.3
2.36 mm	65 - 95	79.9
1.18 mm	48 - 80	64.9
0.600 mm	25 - 60	47.4
0.300 mm	10 - 35	22.6
0.150 mm	5 - 15	6.9
0.075 mm	0 - 6	1.7

PHYSICAL TESTING SUMMARY
TABLE "1B"

MICRO-DEVAL Fine Aggregate	15 max	(Control = 18.5) 5.6
Plasticity Index		0
Specific Gravity and Absorption	Bulk Relative Density Bulk Relative Density Apparent Specific Gravity Absorption	BRD = 2.626 SSD = 2.637 2.656 0.442

NOTE : * Denotes where sample fails to meet OPSS Special Provision No. 110F11
Physical Requirements for Aggregates.

Date Received: Feb. 26, 2002

Material: DFC Fine

Supplier

Lab No. A2-13

Comments: A review of these tables shows that the material meets the OPSS
Special Provision No. 110F12 Physical Requirements for Asphalt
Fine Aggregate.

Gradation Analysis Sheet

SPEC (OPS or RHW) _____ Lab No. **A2-13**
 OPS (A,B1,B2,M,SEL) or _____
 RHW (A,B,C,D) _____
 Quarry or Slag Source (x) _____

Client. Soil-Eng Limited Reference No. 9801-M19
 Contract No. _____ Date Received FEB 26, 2002
 Supplier _____ Date Tested FEB. 27, 2002
 Sample description DFC FINE

Total Sample Weight _____ KG Stone _____ %
 Weight of Stone _____ KG Sand _____ %
 Weight of Sand _____ KG

WEIGHT OF SAND SAMPLE

WEIGHT OF SAND SAMPLE 431.0 g WASHED 426.7 g

Sieve Sizes mm	Weight Retained		% Retained	% Passing	Total Sample	Specifications
	kg.	g.				
100			0.0	-	-	
53			0.0	-	-	
26.5			0.0	-	-	
22.4			0.0	-	-	
19.0			0.0	-	-	
16.0			0.0	-	-	
13.2			0.0	-	-	
9.5			0.0	100.0	100.0	100
4.75		7.2	1.7	98.3	98.3	85-100
2.36		86.8	20.1	79.9	79.9	65 - 95
1.18		151.4	35.1	64.9	64.9	48 - 80
0.600		226.6	52.6	47.4	47.4	25 - 60
0.300		333.4	77.4	22.6	22.6	10 - 35
0.150		401.3	93.1	6.9	6.9	5 - 15
0.075		423.7	98.3	1.7	1.7	0 - 6
PAN		426.8	99.0			

Gradation Analysis Sheet

SPEC (OPS or RHW) _____
 PS (A,B1,B2,M,SEL) or _____
 HW (A,B,C,D) _____
 Quarry or Slag Source (X) _____
 Client. _____
 Contract No. _____
 Supplier _____
 Sample description _____

Lab No. **A2-12**
 Reference No. **9801-M19**
 Date Received **FEB 26, 2002**
 Date Tested **FEB. 27, 2002**
 Soil-Eng Limited _____
 DFC COARSE _____

Total Sample Weight _____ KG
 Weight of Stone _____ KG
 Weight of Sand _____ KG
 Stone _____ %
 Sand _____ %

WEIGHT OF SAND SAMPLE

WEIGHT OF SAND SAMPLE **4978.1 g**
 WASHED **4969.1 g**

Sieve Sizes mm	Weight Retained		% Retained	% Passing	Total Sample	Specifications
	kg.	g.				
100			0.0	-	-	
53			0.0	-	-	
26.5			0.0	-	-	
22.4			0.0	100.0	100.0	
19.0		608.7	12.2	87.8	87.8	
16.0		1945.6	39.1	60.9	60.9	100
13.2		3228.7	64.9	35.1	35.1	96 - 100
9.5		4479.7	90.0	10.0	10.0	50 - 73
4.75		4921.3	98.9	1.1	1.1	0 - 10
2.36		4924.2	98.9	1.1	1.1	
1.18		4925.3	98.9	1.1	1.1	
0.600		4929.4	99.0	1.0	1.0	
0.300		4940.6	99.2	0.8	0.8	
0.150		4952.7	99.5	0.5	0.5	
0.075		4962.7	99.7	0.3	0.3	0 - 1.4
PAN		4969.7	99.8			



**Soil-Eng
Limited**

CONSULTING SOIL, FOUNDATION & ENVIRONMENTAL ENGINEERS

100 NUGGET AVENUE, SCARBOROUGH, ONTARIO M1S 3A7 • TEL: (416) 754-8515 • FAX: (416) 754-6516

BRANCH OFFICES:

BARRIE

TEL (705) 721-7863
FAX (705) 721-7864

MISSISSAUGA

TEL (905) 542-7605
FAX (905) 542-7769

BOWMANVILLE

TEL (905) 623-8373
FAX (905) 623-4630

NEWMARKET

TEL (905) 853-0647
FAX (905) 853-5434

MOUNTAIN LAKE QUARRY

Reference No. 9801 M19

Client: Floyd Preston Ltd.

Project:

Sample Taken From: Delivered to Mmkt office

Date Retrieved: December 10, 2001

Sieve Size	Sample % Passing	OPS Specification(1010) <u>Granular 'A'</u> Percentage Passing
26.5 mm (1")	100	100
19.0 mm (3/4")	95.2	85 - 100
13.2 mm (1/2")	77.0	65 - 90
9.5 mm (3/8")	68.4	50 - 75
4.75 mm (#4)	46.6	35 - 55
1.18 mm (#16)	25.6	15 - 40
300 µm (#50)	12.2	5 - 22
75 µm (#200)	4.3	2 - 8*

* Where the aggregate is obtained from rock quarry or slag sources, a maximum of 10% passing the 75 µm sieve will be permitted.

Remarks: The sample meets the OPS specifications.



**Soil-Eng
Limited**

CONSULTING SOIL, FOUNDATION & ENVIRONMENTAL ENGINEERS

100 NUGGET AVENUE, TORONTO, ONTARIO M1S 3A7 • TEL: (416) 754-8515 • FAX: (416) 754-8516

To: Floyd Preston Limited
RR # 1 McCowan Road
Mount Albert, Ontario
L0G 1M0

Attention: Mr. Larry Preston

Invoice No.: 2001-7636
Ref. No.: 9801-M19
Client No.: 22037
Date: January 31, 2002
BN No.: 10492 2141 RT

TERMS: NET 30 DAYS - 1% INTEREST PER MONTH CHARGED ON OVERDUE ACCOUNTS.

For Professional Services Rendered in Connection with a Laboratory Testing for the
Period Ending December 23, 2001.

LABORATORY

Sieve Analysis	1 test @ \$ 75.00	\$ 75.00
G.S.T. 7%		5.25
TOTAL THIS INVOICE, PLEASE PAY		\$ 80.25

✓



**Soil-Eng
Limited**

CONSULTING SOIL, FOUNDATION & ENVIRONMENTAL ENGINEERS

100 NUGGET AVENUE, TORONTO, ONTARIO M1S 3A7 • TEL: (416) 754-8515 • FAX: (416) 754-8516

Floyd Preston Limited
To: RR # 1 McCowan Road
Mount Albert, Ontario
LOG 1M0

Attention: Mr. Larry Preston

2002-1748
Invoice No.:
9801-M19
Ref. No.:
22037
Client No.:
April 29, 2002
Date:
BN No.: 10492 2141 RT

TERMS: NET 30 DAYS - 1% INTEREST PER MONTH CHARGED ON OVERDUE ACCOUNTS.

For Professional Services Rendered in Connection with Laboratory Tests for the Period
Ending April 14, 2002.

LABORATORY

Asphalt Sand Physical Test	\$ 450.00
Gradation Test on Coarse Aggregate	75.00
	\$ 525.00
G.S.T. 7%	36.75
TOTAL THIS INVOICE, PLEASE PAY	\$ 561.75



**Soil-Eng
Limited**

CONSULTING SOIL, FOUNDATION & ENVIRONMENTAL ENGINEERS

100 NUGGET AVENUE, TORONTO, ONTARIO M1S 3A7 • TEL: (416) 754-8515 • FAX: (416) 754-8516

To: Floyd Preston Limited
RR # 1 McCowan Road
Mount Albert, Ontario
LOG 1M0

Attention: Mr. Larry Preston

Invoice No.: 2002-2078

Ref. No.: 9801-M19

Client No.: 22037

Date: May 9, 2002

BN No.: 10492 2141 RT

TERMS: NET 30 DAYS - 1% INTEREST PER MONTH CHARGED ON OVERDUE ACCOUNTS.

For Professional Services Rendered in Connection with Laboratory Tests for the Period
Ending April 28, 2002.

LABORATORY

DFC Coarse Aggregate Physical Test and
Gradation Test on Coarse Aggregate

\$ 1105.00

G.S.T. 7%

\$ 77.35

TOTAL THIS INVOICE, PLEASE PAY \$ 1182.35

KHOURI GRANITE LTD.**875 LAPOINTE ST.****SUDBURY, ON P3A 5N9**Tel.(705)560-9555 Fax(705)560-9460
GST#123049950RP e-mail-khourig@on.abn.com

To: Floyd Preston Limited
18444 McCowan Road
P.O. Box 548
Mount Albert, Ontario LOG 1M0

905-473-1921

Attention: Larry Preston

The following sample pieces of Granite are now ready to be picked up.
Please send driver with a cheque for the balance owing \$ 2162.50. Thank You.

Sample Pieces: 50 pcs 3" x 6 ½" thick
12 pcs 4" x 8 ½" thick
6 pcs 12" x 12 ½" thick

Balance Owing : Labour 50 Hours x \$ 55.00/hr = \$2750.00

PST \$ 220.00

GST \$ 192.50

\$3162.50

Less Deposit - \$1000.00**Balance Owing \$2162.50**

If you have any questions or concerns please do not hesitate to contact me
anytime.

Thank You,

George Khouri

KHOURI GRANITE LTD.
875 LAPOINTE ST.
SUDBURY, ON P3A 5N9
Tel.(705)560-9555 Fax(705)560-9460
GST#123049859RP e-mail-khourig@on.aibn.com

August 22, 2002

Floyd Preston Limited
18444 McCowan Road
P.O. Box 548
Mount Albert, Ontario
Tel: 905-473-1921

Attention: Larry Preston

We wish to advise that Mr. Preston has brought in several granite specimens for our inspection. He will be returning with blocks 50 pcs 3" x 8 1/2", 12 pcs 4" x 8 1/2", 6 pcs 2" x 12 1/2" thick which we will then cut and polish for monument and tile purposes. The cost of doing this will be \$ 3162.50 taxes included, which was paid in full at time of pick up.

Further to cutting and polishing we will then be able to further attest of the quality of this product. If further details are required please do not hesitate to contact us.

Sincerely,

George Khouri
Owner/manager

GRAPHICS ON GRANITE

R.R. #2
QUEENSVILLE, ONTARIO
LOG 1R0
(905) 478-8158

Ministry of Northern
Development and Mines
Sudbury, Ontario

30 August, 2002

To the Minister of Northern Development and Mines,

Re: Quality of Mountain Lake Granite

Appearance: Mountain Lake granite is a red granite flecked with light, multicoloured crystals, though the stone is consistent in texture and colour. In its natural state, the stone is lighter in colour, but, when polished, the colour deepens to a pleasing crimson hue.

Workability: In all cases, Mountain Lake granite has performed well and as expected when split, pitched, sawn, 4-pointed, flamed, chiseled, ground, sand-blasted and shape-carved, polished, and lettered.

Mountain Lake granite splits evenly and uniformly with little unwanted fracturing. Likewise, when sawn, the granite doesn't break or crumble. Further, the granite splits as expected, that is, the stone is easily pitched or sawn to the specifications and sizes required for individual projects.

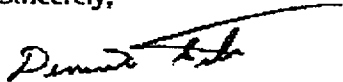
Mountain Lake granite receives texturing from various tools quite well. When a pneumatic hammer, flame, grinder, or sandblast is applied to the stone, excellent contrast is achieved. This contrast is even greater when the stone has been polished. The stone grinds and chisels smooth and uniformly.

When shape-carved by sand-blast, the stone is removed at a even rate, without encountering irregular pockets of softer stone. Therefore, there is no unwanted pitting in finished sand-blasted work. On a polished surface, lettering as small as 5/8 of an inch has been successfully graven, and on unworked, unfinished surfaces letters as small as 1 inch have been achieved.

Lastly, with regard to polishing Mountain Lake granite, the stone hones to a fine surface without visible fissures and flaws.

In the Aurora-Newmarket area, Mountain Lake granite has been used in projects such as small, polished sculpture work (approximately 20 cm by 25 cm by 20 cm) to large sign work. As a stoneworker and shaper for over 25 years, I find no difficulty in recommending the granite of Mountain Lake for its pleasing appearance, quality, or workability.

Sincerely,



Dennis Giles
Owner/Operator
Graphics on Granite

GRAPHICS ON GRANITE

R.R. #2
QUEENSVILLE, ONTARIO
LOG 1R0
(905) 478-8156

April 30, 2002

Floyd Preston Limited
P O Box 548,
Mount Albert, Ontario
L0G 1M0

Invoice

Sculpting Team Canada Olympic Trophy and recessing Olympic Hockey coins on trophy.

	\$ 600.00
GST	42.00
Total	<u>\$ 642.00</u>

GRAPHICS ON GRANITE

R.R. #2
QUEENSVILLE, ONTARIO
LOG 1R0
(905) 478-8156

Dec. 31, 2001

Floyd Preston Limited
P O Box 548,
Mount Albert, Ontario
LOG 1M0

Invoice

Sand blasting and engraving garden rock with 511 Doubletree Lane and scenic design.

	\$ 500.00
GST	35.00
Total	<u>\$ 535.00</u>



FLOYD PRESTON LIMITED
18444 MCCOWAN RD., P.O.BOX 548
MOUNT ALBERT, ONTARIO L0G 1M0
TEL: 905-473-1921 FAX: 905-473-5754



August 23, 2002

Ministry of Northern Development
And Mines
Geoscience Assessment Office
933 Ramsey Lake Rd. 6th Floor
Sudbury, Ontario
P3E 6B5

RE: Assessment work preformed on Claim no 1237378 Harvey Twp. Transaction no.
W0190.30635.

Work preformed by our company in the transportation of granite removed and
processed from the above claim.

Transportation of 1 block of granite to Sudbury from Holt for polishing and the
return trip with the finished product.

\$ 1,000.00

Transportation of 150 tonnes of granite screenings to Orillia and the return trip of
100 tonnes of washed granite and 1/4" chips.

250 tonnes X \$6.50/tonne = \$ 1,625.00

Total \$ 2,625.00

**REPORT ON A BULK SAMPLE AND MAPPING
PROGRAM
HARVEY TOWNSHIP**

Southern Ontario Mining Division

prepared for:

FLOYD PRESTON LIMITED

P.O. Box 548
1844 McCowan Road
Mount Albert, Ontario, L0G 1M0

prepared by:

Raymond L. Lashbrook

LASHEX LTD.

973 Pine Creek Road, R.R.#1
Callander, Ontario, P0H 1H0
Tel. (705) 752-3957
Fax. (705) 752-1932

August 28, 2001

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INTRODUCTION

The property in Harvey Township, consisting of three claims, was staked to cover the southern extension of the Mountain Lake Quarry in Cavendish Township. The company removed an ~900 tonne bulk sample of the granite in order to test it for a number of products. The final report of this work will be submitted to the MNDM by August 2002. This report covers the physical program performed including the drilling, blasting, hauling and mapping of the pit.

PROPERTY

The property is located in the Township of Harvey and consists of 3 claims:

1237378	E1/2 Con VII, Lot 32	4 units
1237379	W1/2 Con VI, Lot 32	4 units
1237380	E1/2 Con VI, Lot 32	4 units

They were recorded on Aug. 31, 1999 in the name of

Floyd Preston Limited

P.O. Box 548, 18444 McGowan Road

Mount Albert, ON., L0G 1M0

A large part of the property is covered by a quarry permit extending south from the main access road into the property. The area that the work was carried out on is within the staked portion of the claim on crown land.

ACCESS

Access to the property is via a good all-weather bush road named the Fire Access Road. This road is located off highway #507 approximately 10 kilometres north of its intersection with highway #36. The town of Bobcaygeon is located approximately 26 kilometres to the southwest while the City of Peterborough lies approximately 47 kilometres to the south. The property crosses highway #507 in the southeast side of claim 1237380. The work site covered in this report lies 1 kilometre west of the highway.

2



PREVIOUS WORK

No previous exploration work is known to have existed on the property. During the staking and the on going work program no sign of previous work was noted. All assessment work for the area can be viewed at the Ministry of Northern development and Mines in Sudbury.

REGIONAL GEOLOGY

The property is located near the western exposed boundary of the Late Precambrian volcanic-carbonate -rich sedimentary basin which forms the southern third of the Grenville Province of Ontario (Bright 1981). The township straddles the central portion of the Bancroft uranium belt (Bright 1980), which structurally coincides with the Harvey-Cardiff basement arch (Hewitt 1957b, 1962). This basement arch is an 80 kilometre long linear series of five regional domes between Burleigh Falls on the south and Bancroft on the north.

In general late Precambrian meta-sediment and meta-volcanic rocks of the Grenville Supergroup unconformably overlie and mantle the basement gneiss complex which consists predominantly of sodic-plagioclase-rich layered (stromatic) biotite and hornblende-biotite migmatite. These rocks were subjected to a Late Precambrian high-rank metamorphic event, the Grenville Orogeny. Late tectonic felsic to intermediate plutonic rocks were intruded at successive stages during and after the culmination of this high-rank metamorphic event. Unconformably overlying these units north of the property is a Paleozoic, Middle Ordovician Limestone unit known as the Gull River Formation.

WORK PROGRAM

The work program consisted of the drilling, blasting , mucking, hauling, screening and mapping of the pit.

Drilling and Blasting

Arctic West Drilling was contracted to do the drilling and blasting of the bulk sample. The work was performed from July 23, 2001 to August 01, 2001

Arctic West drilled a shear line of holes, across the highest point of the site area, ~3 metres deep with a hole approximately every 60 cms.

In front of the shear line a series of production holes were drilled on a 1.2 x 1.5 metre pattern to depths ranging from 1.2 to 2.5 metres. This area was blasted into shot rock to create an approximately 3 metre face for the next phase of drilling off large blocks.

Behind the shear line blocks were drilled on a 2m. x 2m. x 1m. pattern and then blasted free from the rock face using soft explosives. This procedure did not work well due to the method of breaking away the rock.

Mucking, Hauling and Sizing

This portion of the program took place July 26, 27, 30, 31 and Aug. 01, 02, 2001. The excavator used was an Hitachi 200.

The fragmented shot rock (~700 tonnes) was loaded onto tractor trailer dump trucks by an excavator and hauled 130 kilometres to the Mount Albert pit for processing. The crushing was performed by Robert Young Construction which crushed the shot rock down to 7/8" minus. This rock was then hauled to the screening plant and sized into 3/8" to 7/8" clear stone, 1/4" minus screenings and 7/8" crusher run.

A product breakdown is as follows:

12' to 24" Oversize	~250 tonnes
7/8" Crusher Run	~150 tonnes
3/8" to 7/8" Clear	~150 tonnes
1/4" Minus	~150 tonnes

The oversized will be hauled to FPL's Main Transfer Depot near Newmarket, ON. to be promoted for landscape rock.

The 7/8" crusher run will be analyzed and further tested for aggregate granular base.

The 3/8" to 7/8" clear is to be resized into 3/8" Clear and 3/4" Clear and then tested by private laboratories and the Ministry of Transportation for Hot Mix Coarse Aggregate.

The 1/4" Minus (screenings) will be sent to a wash plant, location to be determined later, for further processing to make Hot Mix Fine Aggregate and Filter Sand.

A further 150 tonnes of 24" to 36" granite blocks were loaded by the excavator with a mechanical thumb onto heavy steel dump trailer and hauled to FPL's Main Depot/Transfer Yard near Newmarket, ON. to be promoted for landscape rock.

Granite blocks ranging in size from 1 to 4 tonnes and totaling approximately 20 tonnes were loaded by an excavator with a mechanical thumb onto a flat bed trailer and hauled to the FPL Main Depot for future transfer to Sudbury. These large blocks will be cut and polished and promoted in the dimension stone industry.

Ten tonnes of flat rocks were shipped to Parnell's Quarry in Galway Township to be guillotined into retaining wall (dry wall) size blocks.

QUARRY GEOLOGY

The site was mapped by Ray Lashbrook on August , 2001. The pit covers an area of about 15 m. x 35 m. and is totally within the granite.

The granite is homogenous, medium grained and pink to reddish in colour. In places, narrow widths become coarser approaching a pegmatite in appearance and are limited in extent. The granite is composed of about equal amounts of quartz and feldspar with from 3-8% mafic minerals, mainly biotite.

Structurally the outcrop is cut by a number of joints trending generally in 2 directions - 290 degrees and 315 degrees. Along the eastern end of the outcrop other joints trend in a 210 degrees and 100 degrees. One face in the pit was broken to a joint that had a direction of 232 degrees with a northwesterly dip of 84 degrees.

CONCLUSIONS

The results of the work program on the above property is still being evaluated. The granite is the same as the Mountain Lake Quarry being readied for production at this time and therefore should be an additional resource to the company.

Two large blocks of several tonnes each were left along the face of the pit. Their size indicates that the joint spacing in places are great enough to allow for large blocks to be removed. However, the blasting that occurred with the removal of the bulk sample probably induced micro-fractures rendering them useless for making dimension stone. Other sites sufficiently removed from the blasting areas may be located to remove 10 to 15 tonne blocks.

RECOMMENDATIONS

The initial work on the property has indicated that the same type and quality of granite as the Mountain Lake Quarry is present on the Harvey Township property. With this in consideration and pending expected positive results from the processing of the bulk sample it is recommended that the claims be brought to lease and incorporated into the mining plans for the Mountain Lake Quarry site.

The property should be mapped in detail to better evaluate its full potential. This will be mainly useful in locating a source for dimension stone.

Work Report Summary

Transaction No: W0290.01395 Status: APPROVED
 Recording Date: 2002-SEP-03 Work Done from: 2001-JUL-23
 Approval Date: 2002-OCT-29 to: 2002-AUG-31

Client(s):
 392769 FLOYD PRESTON LIMITED

Survey Type(s): METAL PМЕCH PTRNCH

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
SO 1237378	\$0	\$0	\$9,307	\$9,307	\$0	0	\$0	\$0	2008-AUG-31
SO 1237379	\$41,470	\$41,470	\$9,308	\$9,308	\$18,615	18,615	\$13,547	\$13,547	2008-AUG-31
SO 1237380	\$0	\$0	\$9,308	\$9,308	\$0	0	\$0	\$0	2008-AUG-31
	\$41,470	\$41,470	\$27,923	\$27,923	\$18,615	\$18,615	\$13,547	\$13,547	

External Credits: \$0

Reserve:
 \$13,547 Reserve of Work Report#: W0290.01395

\$13,547 Total Remaining

Status of claim is based on information currently on record.



31D09NW2018 2.24146 HARVEY

900

Date: 2002-OCT-29

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

FLOYD PRESTON LIMITED
P.O. BOX 548 18444 MCCOWAN RD
MOUNT ALBERT, ONTARIO
L0G 1M0 CANADA

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

Submission Number: 2.24146
Transaction Number(s): W0290.01395

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 LUCILLE JEROME by email at lucille.jerome@ndm.gov.on.ca or by phone at (705) 670-5858.

Yours Sincerely,



Ron Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Raymond Levi Lashbrook
(Agent)

Floyd Preston Limited
(Assessment Office)

Assessment File Library

Floyd Preston Limited
(Claim Holder)

