

27 May 2009
File: TB92019

Rutherford Consulting
41 Bremen Lane
Mississauga, Ontario
L5M 1G7

Attn: Ms. Debra Rutherford

Dear Madame,

**RE: AGGREGATE TESTING - UNKNOWN SOURCE
 ZEOLITE WINTER SAND
 MISSISSAUGA, ONTARIO**

We are pleased to present the results of our laboratory testing conducted on a sample of Zeolite winter sand received in our AMEC Hamilton laboratory on 14 May 2009. The sample source and sampling methods used to obtain the sand were not disclosed to AMEC.

Enclosure 1 presents the results of the grain size analysis of the Zeolite winter sand as per MTO LS-601/602, *Test Method for Material Finer than 75µm Sieve in Mineral Aggregates by Washing / Test Method for Sieve Analysis of Aggregates*. As this enclosure indicates the sample meets the requirements for the winter sand as per OPSS-1004, Rev. 04/2004, Table 9.

Should you have any questions, please contact our office.

Yours truly,

**AMEC Earth & Environmental
A Division of AMEC Americas Limited**



Martin Little, M.Sc., P.Geo.
Geoscientist

Reviewed by,



John Balinski, P.Geo.
Associate Materials Consultant

am;JB
Enclosures (1)

MATERIAL FINER THAN 75 μ m BY WASHING AND SIEVE ANALYSIS OF AGGREGATES MTO LS-601 & LS-602

Enclosure: 1
Date: 27 May 2009
Project: TB92019

Client: Rutherford Consulting
MTO Contract No: -
Sample Source: unknown
MTO MAIDB No: -
Sample Type: Zeolite Winter Sand
Specification: OPSS 1004.05.05 Gradation Requirements
Sand for Winter Sanding

Lab No: S149-09
Date Sampled: Unknown
Sampled by: Client
Date Received: 14 May 2009
Date Tested: 21 May 2009
Fineness Modulus: 3.4

SIEVE SIZES (mm)	150	75.0	53.0	37.5	26.5	19.0	16.0	13.2	9.5	6.7	4.75	2.36	1.18	0.600	0.300	0.150	0.075
SPECIFICATIONS	-	-	-	-	-	-	-	-	-	100.0	90-100	50-95	20-90	0-70	0-35	0-15	0-5
% PASSING	-	-	-	-	-	-	-	-	-	100.0	100.0	68.9	57.7	23.2	6.1	5.4	5.0

