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CLIENT: **J.L'S EXCAVATING LTD.**
 P.O. BOX 514
 TERRACE, B.C. V8G 4B5

ATTENTION: **MR. GERALD LOZINSKI**

FILE NO: 14689
 DATE OF REPORT **23-Dec-10**
 SAMPLE I.D. 20 mm Crushed
 SAMPLE SOURCE: J.L'S PIT
 SAMPLE DATE: 16-Dec-10
 TEST DATE: 23-Dec-10

RESISTIVITY TEST (ASTM G-57)

As requested, resistivity test was determined on sample provided.

Resistivity Test Results				
Sample Type: 20 mm Crushed w/ occasional rounded		Cylinder diameter (d)	29.7	cm
Apparatus used: NILSSON Resistance Meter Model 400		Effective height	120.0	cm
Sample Moisture Content	1.24%	x-sectional area of specimen, (A)	692.44	sq. cm
Water Temperature:	12 °C	Inner electrode spacing	68	cm
Cylinder Factor	10.18	Outer electrode spacing	26	cm
Sample	State	Resistivity Ohm - m		
		Trial 1	Trial 2	Average
Tap Water		611	611	611
Gravel	As is /Dry	38684	39702	39193
Gravel	Saturated	1018	916	967
Gravel	Wet	22396	21378	21887
Gravel	Washed	20360	21378	20869
Specified minimum wet resistivity		3000		

Notes:

Resistivity measuring instrument Nilsson M400 was calibrated on 12.23.2010

The resistivity was measured in accordance with the test procedures specified in BCH's specifications.

The wet resistivity of the aggregate (21887 Ohm-m) meets BC Hydro minimum requirement of 3000 Ohm-m.

Per: **Jim Hernandez, AScT**
 Sr. Project Technologist/
 Lab. Supervisor

Reviewed by: **John Burton, P. Geo**
 Sr. Geologist