

JOHN EMERY GEOTECHNICAL ENGINEERING LIMITED

CONSULTING ENGINEERS

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JEGEL: 96261

Norjohn Limited
Emulsion Division
P.O. Box 100
Thorold, Ontario L2V 3Y8

Attention: Mr. Bob Mennie
Sales Manner

Dear Sirs:

Surface Frictional Properties
Pavement Sealer Trials

As requested, John Emery Geotechnical Engineering Limited, Consulting Engineers (JEGEL) completed laboratory pavement surface frictional properties testing on core\$ taken from the pavement sealer trial test sections in the Walker Industries parking lot in Thorold, Ontario. Pavement surface frictional properties testing was completed on using a British Pendulum (BP) in accordance with ASTM Standard E 303,

The BP test involves passing a spring-loaded rubber shoe of known properties and dimensions over a pavement surface using a pendulum. On a very smooth pavement with no frictional resistance, the pendulum would theoretically swing to the same height that it was dropped. The test results are reported in terms of British Pendulum Numbers (BPN). The results of the UP testing are given in Table I and indicate very similar frictional resistance properties for all of the trial sections and untreated asphalt concrete. Please do not hesitate to contact us should you have any questions or if we can be of further assistance,

Yours very truly,
JOHN EMERY GEOTECHNICAL ENGINEERING LIMITED



David K Hein, P. Eng.
Principal Pavements Engineer

Table 1
Pavement Frictional Resistance Test Results

Core Number	BPN (Dry)	BPN (Wet) Set 1	Average	BPN (Wet) Set 2	Average
Untreated	89	77 78 79	78	76 78 77	77
1B	89	75 75 75	75	75 75 75	75
2B	85	73 74 75	74	73 75 74	74
3B	82	73 73 73	73	73 72 74	73
6B	83	76 77 78	77	76 77 78	77
7B	82	78 78 78	78	76 77 78	77
8B	84	76 78 77	77	75 78 75	76

Core 2B=RejuvaSeal