

# JOHN EMERY GEOTECHNICAL ENGINEERING LIMITED

CONSULTING ENGINEERS

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JEGEL: 199232

JEGEL ID#: 004967

Echelon Industries, Inc.  
705-2 East Bidwell Street, Ste. 255  
Folsom, CA 95630

Attention: John L. Godden  
General Manager

Dear Sirs:

Treated and Untreated Cores – Alpha Taxiway  
CFB Moose Jaw

As requested, John Emery Geotechnical Engineering Limited, Consulting Engineers (JEGEL), has completed laboratory testing on the 12 core samples (6 untreated and 6 treated with Rejuvaseal in 1999) from CFB Moose Jaw, Alpha Taxiway, that were cored and submitted to our Toronto laboratory by Clifton Associates Limited (Regina, Saskatchewan). Samples were received on August 24, 2001. The results of the testing are given in Tables 1.

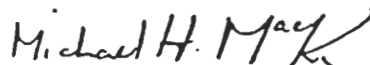
If we can be of any further assistance, please do not hesitate to contact this office.

Yours very truly,

JOHN EMERY GEOTECHNICAL ENGINEERING LIMITED



Michelle Windross, C. Tech.  
Senior Laboratory Technician



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

ISO 9001

Engineering / Research / Development / Education  
Soil / Rock / Aggregates / Slags / Asphalt / Cement / Concrete / Byproducts  
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TABLE 1  
LABORATORY TEST RESULTS  
CFB MOOSE JAW, ALPHA TAXIWAY

TESTS	Untreated Composite Sample (Cores 1-6)	Treated (Rejuvaseal (1999)) Composite Sample (Cores 7-12)
Asphalt Cement Content, % (ASTM D 2172)	4.44	5.21
Absolute Viscosity at 60°C, Poise (ASTM D 2171)	4655	3176
Penetration at 25°C, dmm (ASTM D 5)	39	39
Softening Point, °C (ASTM D 36)	54.7	54.2
Ductility at 25°C, cm (ASTM D 113)	150+	150+