

As an addendum to the Geotechnical Report dated April 19<sup>th</sup>, 2011, DBA Engineering Ltd offers the following addition/revision;

## **Discussion and Recommendations**

### **Foundations**

In the original report, factored bearing capacities of 1000 kPa at SLS and 3000 kPa at ULS were given for foundations bearing on the surface of sound bedrock.

It is now our understanding that these bearing capacities far exceed what is necessary for design purposes.

Foundations designed to bear on any exposed bedrock regardless of fracturing or weathering may be designed for the following factored capacities;

In SLS	300 kPa
In ULS	900 kPa

Excavation to expose sound bedrock is not necessary.

Total and differential settlements for foundations placed on bedrock will be negligible.

Sincerely,

**DBA ENGINEERING LTD**



For/ Rob Cole, C.E.T.  
Principal/Vice President