GeoPacific Consultants Ltd. was retained by Vickars Construction on behalf of the property owner of the above referenced property to provide engineering services related to the implementation of remedial measures to reduce the specific risk to the house to “moderate” or better as defined in Westrek’s report dated May 8, 2007 entitled “Mosquito Creek East Ravine Landslide Risk Analysis Phase II - Detailed Study.”

Our analysis, which followed a methodology consistent with the Westrek report and current accepted practice for landslide risk assessment supplemented with field inspections and testing, concludes that the constructed works (consisting of underpinning, retention and drainage improvements) have improved the specific risk of the house being damaged by a landslide under static conditions to “low” and under seismic conditions to “low to moderate.”

The on-going effectiveness of the stabilization works assumes a maintenance program by the property owner that would include the following:

1. Maintaining slope vegetation to prevent erosion
2. Maintaining home and downslope drainage, including annual flush outs of all drainage pipes, to prevent the unnecessary discharge of water onto the slope.

We have been pleased to be of assistance to you on this project and we trust that our comments are sufficient for your current purposes. If you would like further details or require clarification of the above, please do not hesitate to call.

Sincerely,
GeoPacific Consultants Ltd.

Scott Dennis, B.A.Sc., EIT
Project Engineer

Matt Kokan, M.A.Sc., P. Eng.
Principal