



GEOLABS, INC.

Geotechnical Engineering and Drilling Services

October 20, 2004
W.O. 3917-30

Mr. Timothy E. Steinberger, P.E.
City & County of Honolulu
Department of Design & Construction
650 South King Street, 11th Floor
Honolulu, HI 96813

PROGRESS REPORT NO. 8
PHASE III – ADDITIONAL INSTRUMENT MONITORING
KUAHEA STREET AREA MOVEMENT
PROJECT NO. 97504
PALOLO, OAHU, HAWAII

Dear **Mr. Steinberger**:

This eighth progress report is presented to summarize our work efforts and the results of the additional field instrumentation monitoring conducted for the Kuahea Street Area Movement project located in Palolo Valley on the Island of Oahu, Hawaii. The approximate location of the project site is shown on the Project Location Map, Plate 1.

This report provides summary information pertaining to the recorded earth movements and subsurface water levels detected during the Phase III Instrument Monitoring effort. The report summarizes the field data and observations that were collected during three site monitoring visits, which were conducted on April 16, 19, and 20, June 9 through 21, and August 6 and 12, 2004. Our work was performed in general accordance with our fee proposal dated March 6, 2003 and Amendment No. 3 for Engineering Services for the Kuahea Street Area Movement Project, Contract No. F-60578, CIP No. 97504.

This report is our second semi-annual progress report covering the additional twelve-month instrument-monitoring period, which commenced September 1, 2003 and expired August 31, 2004. Another 12-month instrument monitoring period is scheduled for September 1, 2004 through August 31, 2005. New instrumentation installed to replace older instrumentation that has become non-functional was installed and initialized between May and June 2004. The replacement instrumentation consisted of new Inclinator Nos. I-13 and I-14 and new Piezometer No. P-8 as shown on the Instrument Location Plan, Plate 2.

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