



GEOLABS, INC.

Geotechnical Engineering and Drilling Services

February 6, 2007
W.O. 3917-70

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

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PROGRESS REPORT NO. 13
PHASE III – ADDITIONAL INSTRUMENT MONITORING
KUAHEA STREET AREA MOVEMENT
PROJECT NO. 97504
PALOLO, OAHU, HAWAII

Dear **Mr. Lee:**

This thirteenth 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 in Palolo Valley on the Island of Oahu, Hawaii. The approximate project location is shown on the Project Location Map, Plate 1.

Our work was performed in general accordance with our fee proposal dated May 16, 2006 and Amendment No. 6 for Engineering Services for the Kuahea Street Area Movement Project, Contract No. F-60578, CIP No. 97504.

This progress report provides summary information for the results of our monitoring of earth movements and subsurface water levels (Phase III - Instrument Monitoring). Our report summarizes the field data and observations that were collected during three scheduled sets of monitoring visits performed over a six-month monitoring period. This report is our first semi-annual progress report covering the twelve-month instrument-monitoring period, which officially commenced in August 2006 and expires in July 2007. The three instrumentation-monitoring visits were conducted as follows:

- September 12, 2006
- November 13 and 14, 2006
- January 15, 2007

It should be noted that an extra instrument monitoring visit was conducted on October 3, 2006 to record initialization data for new Inclinometer Nos. I-15 through I-20.