



GEOLABS, INC.

Geotechnical Engineering and Drilling Services

November 4, 2003
W.O. 3917-20

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. 6
PHASE III – ADDITIONAL INSTRUMENT MONITORING
KUAHEA STREET AREA MOVEMENT
PROJECT NO. 97504
PALOLO, OAHU, HAWAII

Dear **Mr. Steinberger**:

This sixth 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 March 25 and 26, June 9 and 10, and August 14 through 18, 2003. Our work was performed in general accordance with our fee proposal dated February 4, 2002 and Amendment No. 2 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 12-month instrument monitoring period, which officially commenced in August 2002 and officially expired in July 2003. However, due to some adjustment of our field monitoring schedule, the current instrument monitoring period was extended through the end of August 2003 rather than the projected expiration date of July 2003. As a result of the shift in our instrument monitoring schedule, we anticipate that the next additional 12-month instrument monitoring period actually will span between September 1, 2003 and August 31, 2004 rather than between August 2003 and July 2004 as initially projected.

PHASE II – ADDITIONAL FIELD EXPLORATION

The existing Inclinometer Nos. I-2 through I-10 remain operational; however, evidence of significant casing deformation (difficulty in advancing the probe) at

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