

Via Facsimile and Mail

March 3, 2006
Job No. 2441.401A



Oakhurst Geologic Hazard Abatement District
c/o Permco Engineering
1005 Oak Street
Clayton, California 94517

Attention: Mr. Rick Angrisani

Subject: Slope Inclinometer Monitoring
Kelok Way
Clayton, California

Dear Mr. Angrisani:

At your request, we have taken readings on November 9, 2005 of the slope inclinometers B-1 and B-2 at the Kelok Way site in Clayton, California. The slope inclinometer B-1 is located on the open space slope below the boundary between Lots 70 and 71 and B-2 is located in the street along Kelok Way near the boundary between Lots 1 and 69. Plots of the slope inclinometer data are provided on Plates 1 and 2. Slope inclinometer B-1 continues to show ongoing slide movement.

EXECUTIVE SUMMARY

1. There were indications of active slide movement prior to our slope inclinometer installations in January and February, 2003. Up to about 9 inches of differential foundation movement and structural deformation was reported on Lot 69 (Tract 7260) as discussed in our letter dated November 2, 2001. Horizontal separations and structural deformation have also been reported by others on Lot 1 (Tract 7261), the neighboring lot to Lot 69 (Tract 7260). The rear yard wrought-iron fences of several lots along the top of slope have experienced creep-type movement and have pulled away from the wood fences. Open tension cracks up to about 4-inches wide and 4-feet-deep have been observed on the open space slope. Separations of up to about 4-inches have been observed between the concrete lined v-ditch and the adjacent downslope soil located about halfway up the open space slope. See also our reports dated June 5, 2003 and April 29, 2004 for this discussion of our surface observations at the site.
2. Slope inclinometer B-1 has shown continuous slide movement at a depth of about 60 feet since our first follow-up reading on May 1, 2003.
3. Slope inclinometer B-1 has experienced about 1.7 inches of offset at a depth of about 60 feet between January 2003 and November 2005.

4. Slope inclinometer B-1 has experienced an additional 1 inch of movement at a depth of about 28 feet between January 2003 and November 2005.
5. The total bottom to top horizontal movement in Slope Inclinometer B-1 has been 2.7 inches between since January 2003.
6. We judge it likely that at least several homes on Kelok are being impacted by this movement. It is at least a possibility if not a probability that more homes will be impacted if this movement continues.
7. The asphalt cracking in Kelok Way that has developed over the past 2 years is likely associated with this slide movement. If so, then the traveled roadway and underground utilities in Kelok Way are also being affected by this slide movement; this is likely to result in leaks in the wet underground utilities.

Movement of this landslide is likely affecting homes, underground utilities and roadway improvements. The rate of movement through the date of our last site visit has been relatively slow; it's likely that the rate of movement will increase with time, perhaps significantly.

Respectfully submitted,

BERLOGAR GEOTECHNICAL CONSULTANTS



Frank Berlogar
RCE 20383, Exp. 9/30/07

KJR/FB:jmb



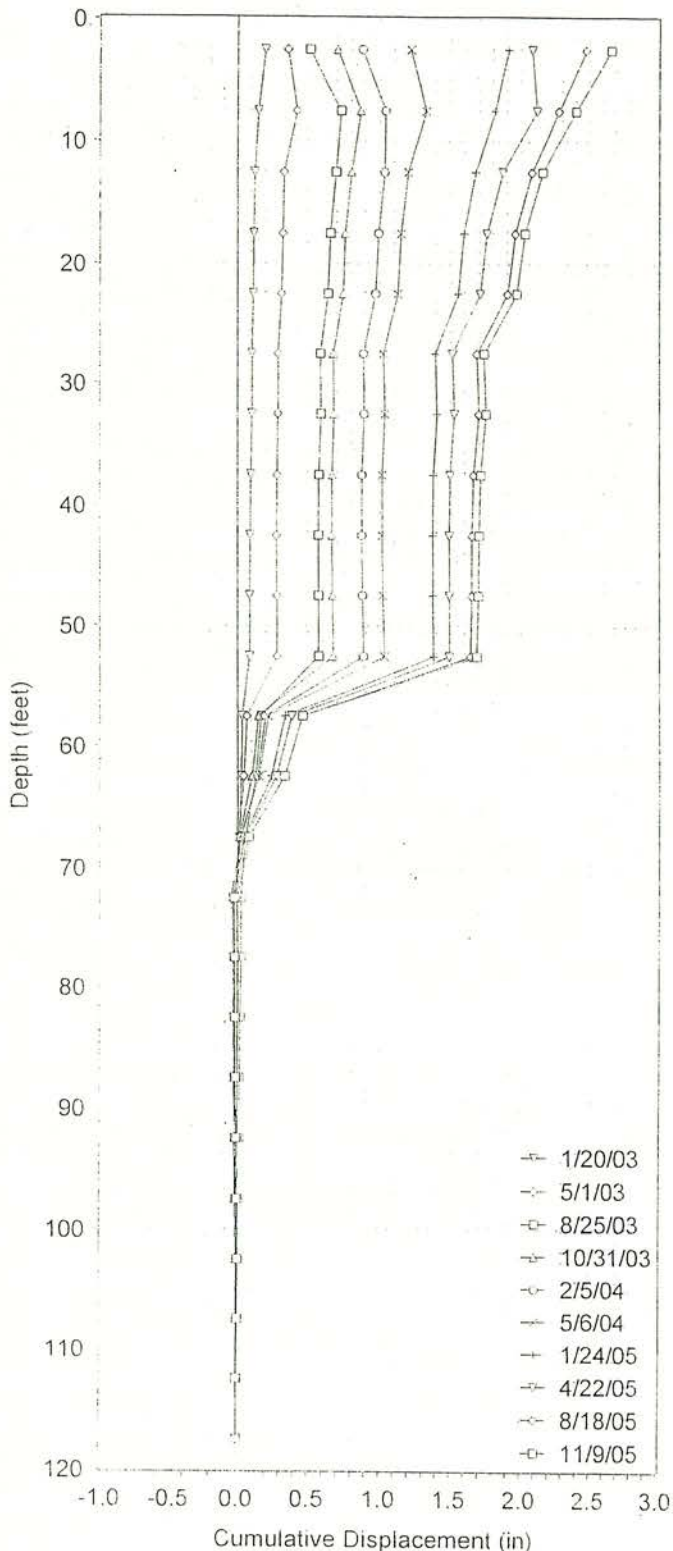
Attachments:

- Plate 1 – Slope Inclinometer Plots B-1
- Plate 2 – Slope Inclinometer Plots B-2

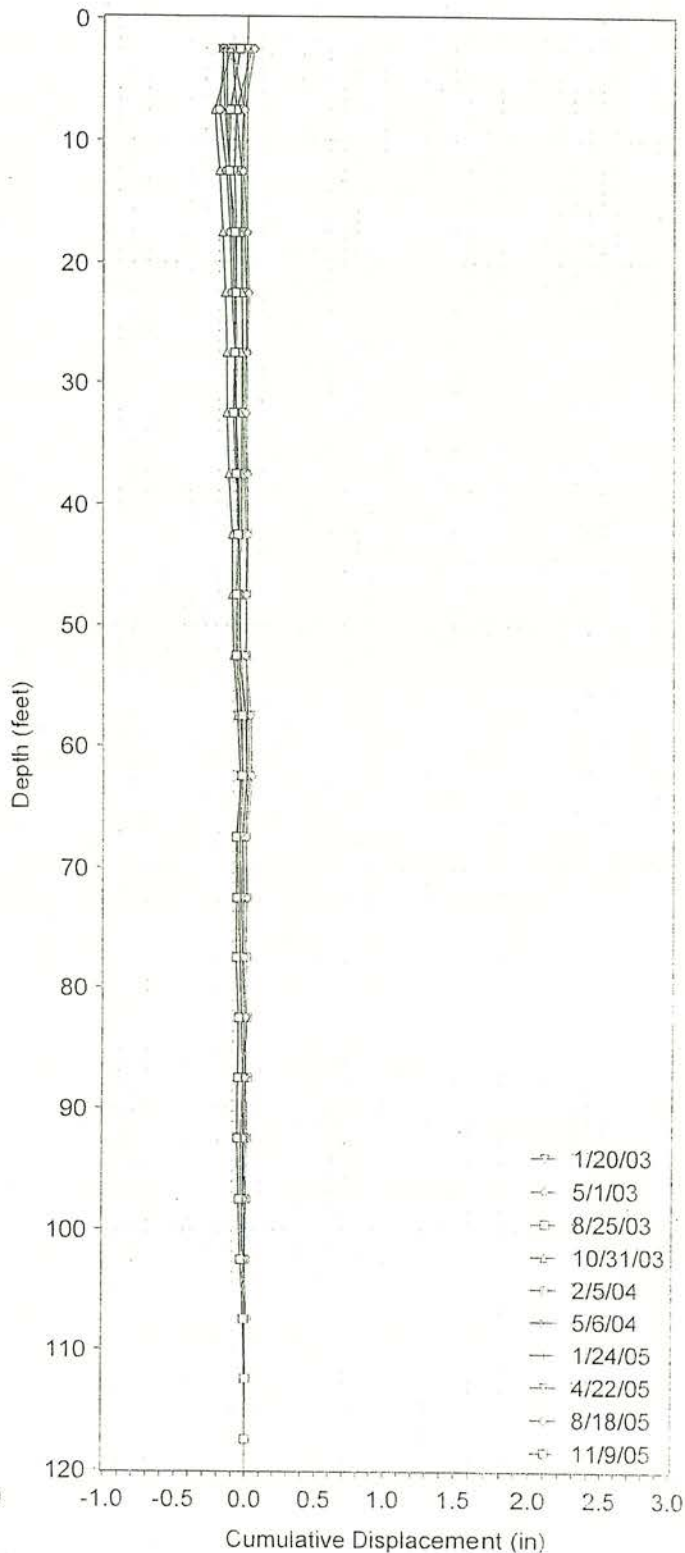
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B-1, A-Axis



B-1, B-Axis



BGC

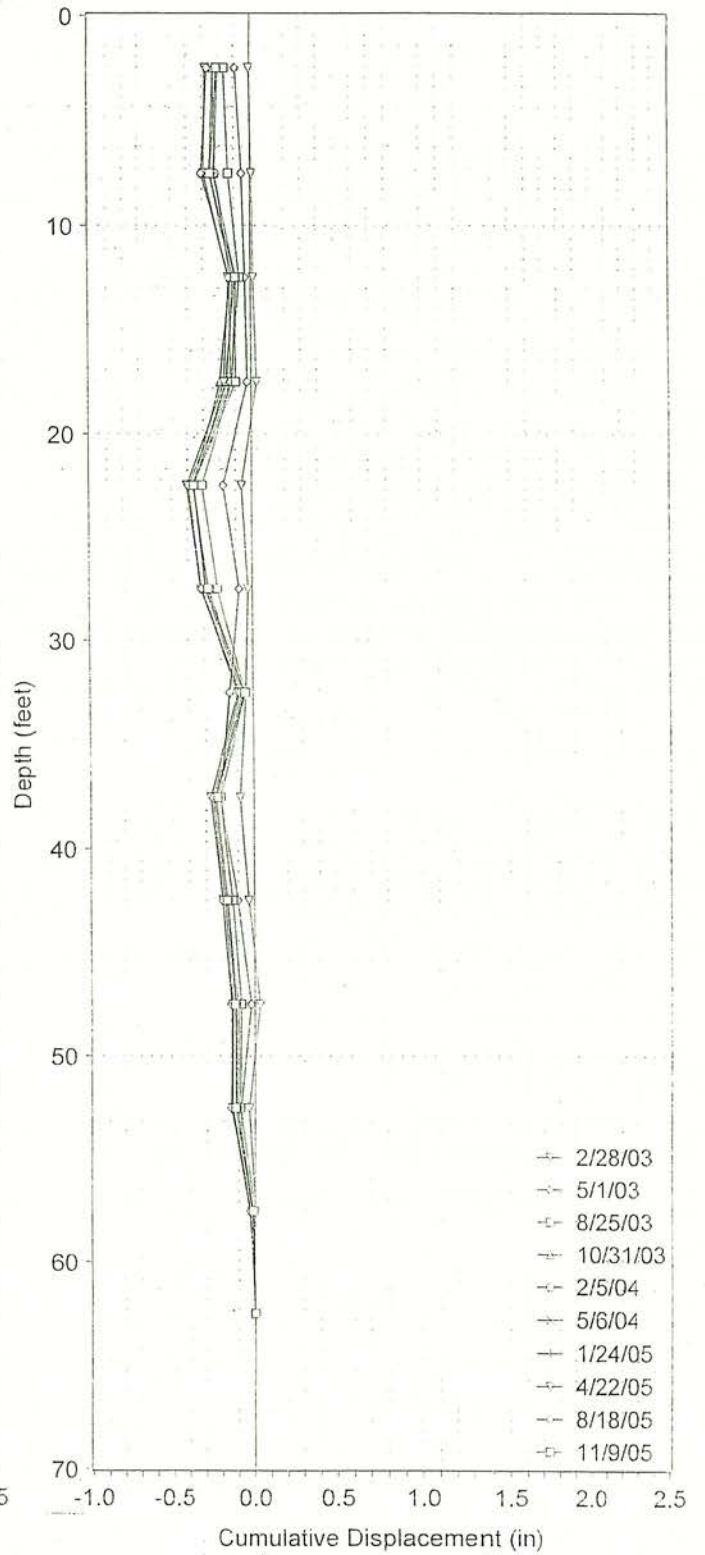
2441.401A - Clayton
 Baseline Reading Date: 12/20/02

A+: B+:

B-2, A-Axis



B-2, B-Axis



BGC

2441.401A - Clayton
Baseline Reading Date: 01/20/03

A+: B+: