

DATE: 6 December 2006

TO: Laura Vaugeois  
Todd Bates

FROM: Lorraine Powell

**SUBJECT: LHZ REVIEWER QUESTION RESPONSE BUCK CREEK,  
KLICKITAT COUNTY**

Reviewer Questionnaire

Question: "In Sec 20, T4N, R10E along and above the N1800 road were some landslides that were problems 20-30 years ago."

The N1800 road cuts two deep-seated landslides (#171 & 172) near the center of Section 20. Secondary failures adjacent to the N1800 road and within the body of these two landslides were noted. Many were active but very small. No delivery to resources other than forest roads were noted at the time of this investigation. Activation of sections within the large deep-seated landslides (171 & 172) may have occurred 20 to 30 years ago but were not observable on any of the photo lines used for this investigation.

Road N1800 is sited along the top of the body in landslide #171. The slope gradient at the top of the body falls within the parameters of Landform 15. Directly above and upslope of the landslide body is a narrow area of steeper gradient (41 – 59%) hill side (Landform 17) that transitions to moderate to steep slopes (60 - >80%) at the head scarp of landslide #171.

Based on a review of maps, photographs, and notes, I believe the mapped landforms should remain as currently mapped.

Thank you for your support and feedback. It is critical to quality control within the LHZ Project.

Sincerely,

Lorraine Powell  
NRS 3  
Landslide Hazard Zonation Project