Steelhead Landslide
Jan. 25, 2006

“Geologic Time is Now”
## Chronology

- **Wed. 1/25/06**  Approx. 2:00 PM Slide began  
  4:00 PM Call from DEM
- **Thurs 1/26/06**  AM helicopter tour of slide to assess problem  
  DEM, Public Works, Corps developed approach
- **Friday 1/27/06**  9:30 AM community meeting at Oso Fire Station  
  2 PM – began removing trees from lower channel
- **Sat. 1/28 – 29**  Completed tree removal – river started to downcut new channel
- **Sunday night**  High water – 15,000 cfs – further downcutting and widening
- **Monday 1/30**  Rapid erosion threatening two homes immediately  
  Corps w/ County decided to place rock along bank
- **Tuesday 1/30 to Friday 2/3**  Completed rock placement with large wood on downstream and upstream ends.
Jan. 27 - 28

New channel formation
Monday 1/30/06

- High water brought river from 2000 cfs to almost 15,000 cfs.
- New channel – continued downcutting and widening
Monday Night and Tuesday

- Corps and County placed rip rap to protect homes
- Added wood to enhance the rip rap on the upstream and downstream ends.
Where do we go from here?

- Follow up permitting and mitigation
- Community still at risk:
  - Continued channel erosion – headcutting and widening.
  - Reduced channel capacity
- Community meeting later in February.
- Slide monitoring.
- Long term solution ?? Log revetment??
Initial Flood Response Removed Trees From New Channel to Encourage A Channel Reestablishment.