AGENDA
UTAH LIQUEFACTION ADVISORY GROUP

Friday, March 4, 2005
Utah Department of Natural Resources Building, Room 1050
1594 W. North Temple, Salt Lake City

8:30 Continental breakfast

9:00 Introduction, review of 2004 ULAG plan (Steven Bartlett)

Technical presentations of 2004 work completed (approx. 20 min. talk, 10 min. discussion)
   9:10 – Michael Olsen, U of U; Geologic and geotechnical liquefaction database and Lateral Spread GIS Routines
   9:40 – Loren Anderson/Robert Pack, USU; Development of GIS algorithms for liquefaction analyses and integration into custom GIS user interface
   10:10 – Barry Solomon, UGS – Geologic correlations

10:20 Break

10:40 Upcoming work funded or proposed for 2005
   • Steven Bartlett extending pilot-project techniques to southern Salt Lake Valley

10:50 Discussion

11:00 Revised 2005 and 2006 plan
   • Technical Issues
     o Liquefaction Potential of Lake Bonneville Sediments
       ▪ Geological setting and nature of sediments
       ▪ Screening out of plastic soils
     o Estimation of fines content and mean grain size for CPT data
     o Currently mapped ground failures in downtown (how to treat on our maps)
     o Scenario Earthquakes (which ones and how many)
     o Interfacing hazard calculations with USGS products

12:00 LUNCH !!!!!!!

1:00 Continuation of Technical Issues

1:30 Identify and discuss 2006 NEHRP proposals and partnerships
   • Prioritize study areas
   • Additional data needs
     o SCPT and interfacing data gathering with strong ground motion group

2:00 Adjourn
Utah Liquefaction Advisory Group-membership list
Steven Bartlett, UofU, facilitator
Loren Anderson, USU
Darlene Batatian, Salt Lake Co
James Bay, USU
Clifton Farnsworth, UDOT
Travis Gerber, BYU
Robert Pack, USU
David Simon, Simon-Bymaster
Barry Solomon, UGS
Bill Turner, Earthtec
Les Youd, BYU