

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
 - Liquefaction Potential of Lake Bonneville Sediments
 - Geological setting and nature of sediments
 - Screening out of plastic soils
 - Estimation of fines content and mean grain size for CPT data
 - Currently mapped ground failures in downtown (how to treat on our maps)
 - Scenario Earthquakes (which ones and how many)
 - 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
 - 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