



6/6/02, 10/2



Scale: 1 inch equals 2 miles



## GROUND FAILURE Liquefaction Susceptibility

### HAZUS

Helena Area HAZUS Analysis Project  
Lewis & Clark County, Montana

Map No. \_\_\_

Liquefaction susceptibility is derived from soil types and depth to groundwater. Five soil type classes are defined by the National Earthquake Hazard Reduction Program (NEHRP) and are based on soil potential to amplify ground shaking during an earthquake.

#### LEGEND

##### Susceptibility Level

- None
- Very Low
- Low
- Moderate
- High
- Very High
- Study Boundary

#### DATA SOURCE

L&C County GIS Center  
Road, Study Boundary,  
Water, Shaded Relief  
FEMA:  
Liquefaction Susceptibility

#### DISCLAIMER

Results shown here are provided without warranty of being complete or correct. Data components used for analysis were compiled by the Helena Area HAZUS Analysis Project for evaluation purposes only.

Map 12. Liquefaction Susceptibility of Area Soils to Ground Shaking