

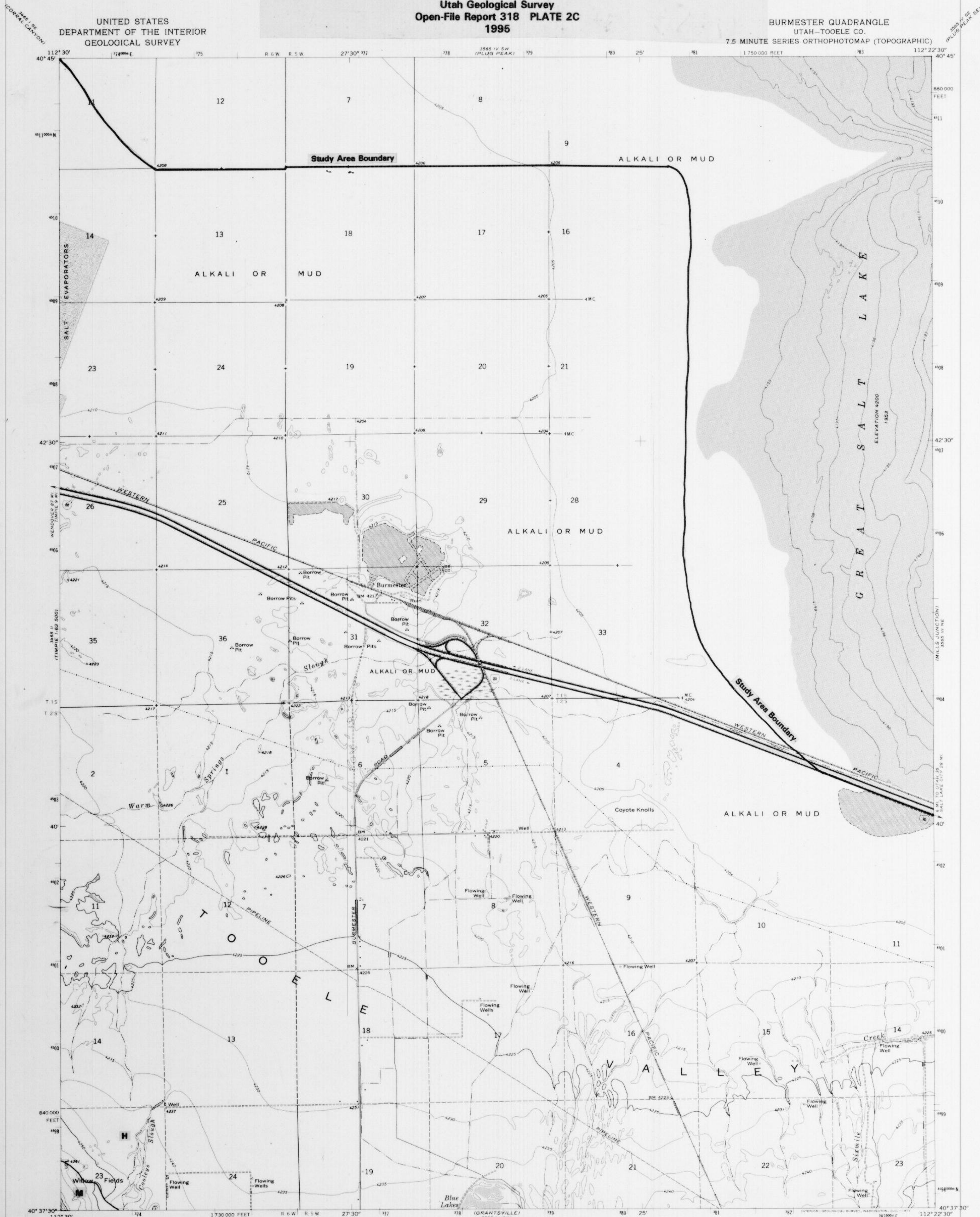
**Liquefaction susceptibility, Burmester quadrangle, Tooele County, Utah.**

COMPILED BY BILL D. BLACK  
DRAFTED BY NOAH P. SNYDER

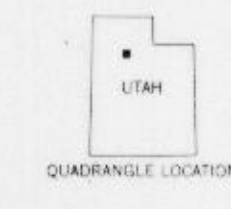
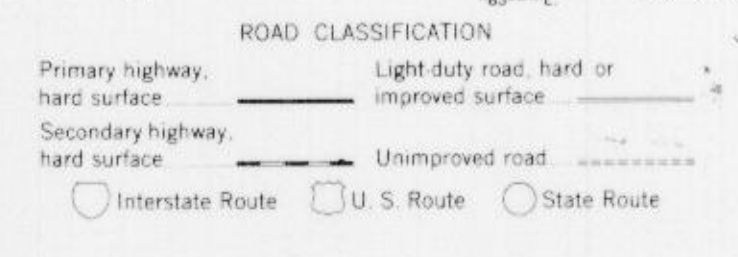
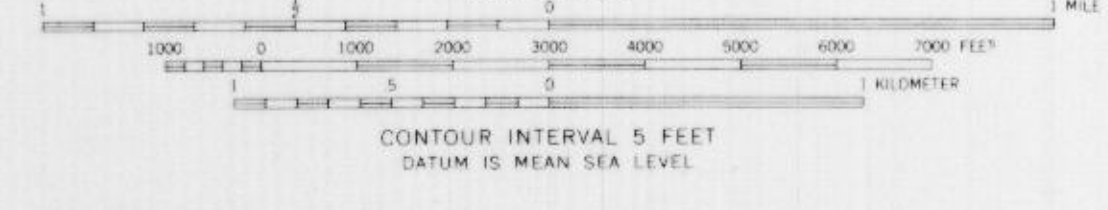
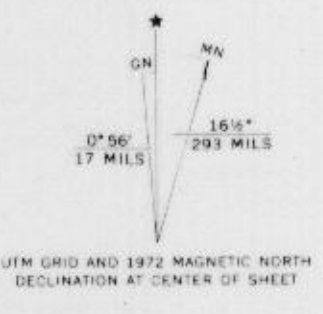
Utah Geological Survey  
Open-File Report 318 PLATE 2C  
1995

BURMESTER QUADRANGLE  
UTAH-TOOELE CO.  
7.5 MINUTE SERIES ORTHOPHOTOMAP (TOPOGRAPHIC)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Planimetry by photogrammetric methods from aerial photographs taken 1953. Topography by plane-table surveys 1923 and 1955. Revision and orthophotomosaic from aerial photographs taken 1971. Field checked 1972.  
Underwater contours by photogrammetric methods from aerial photographs taken 1966, 1969, and 1971-72.  
Projection and 10,000-foot grid ticks: Utah coordinate system, central zone (Lambert conformal conic).  
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue. 1927 North American datum.



BURMESTER, UTAH  
N4037.5-W11222.5/7.5  
1972  
AMS 3565 III NW - SERIES V8970

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

**EXPLANATION**

- H\*** High; possible susceptible soil conditions and depth to ground water less than 10 feet (3 m).
- M\*** Moderate; possible susceptible soil conditions and depth to ground water from 10 to 30 feet (3-9 m).
- L** Low; possible susceptible soil conditions and depth to ground water from 30 to 50 feet (9-15 m).
- VL** Very low; rock, unsusceptible soil conditions, or depth to ground water greater than 50 feet (15 m).

\* Special studies are recommended for certain land uses in areas of high and moderate liquefaction susceptibility (see table 1).

Note: This map is not a liquefaction potential map, because it does not consider the probability of earthquake ground shaking needed to cause liquefaction in areas of susceptible conditions.

