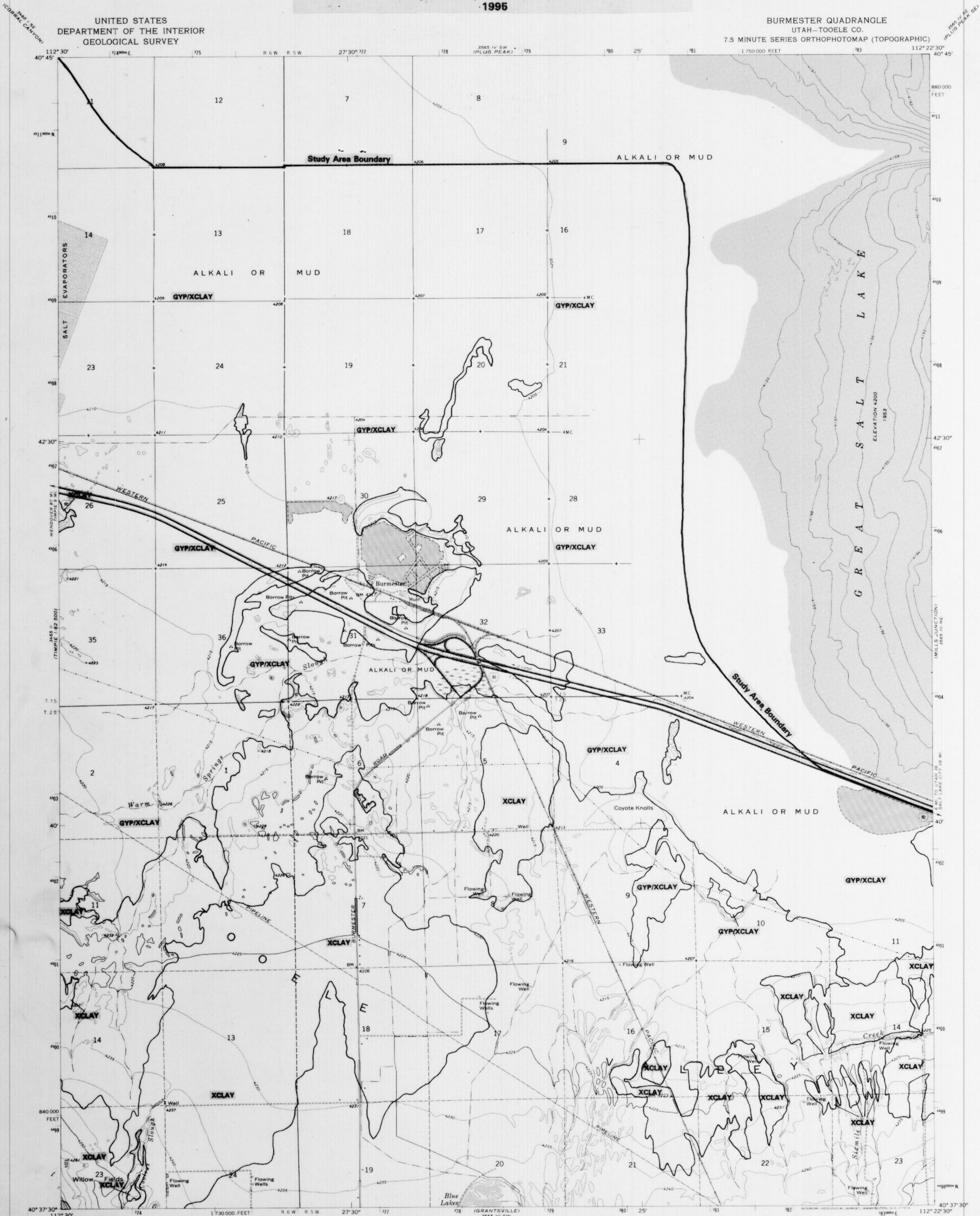


**Problem soils, Burmester quadrangle, Tooele County, Utah.**

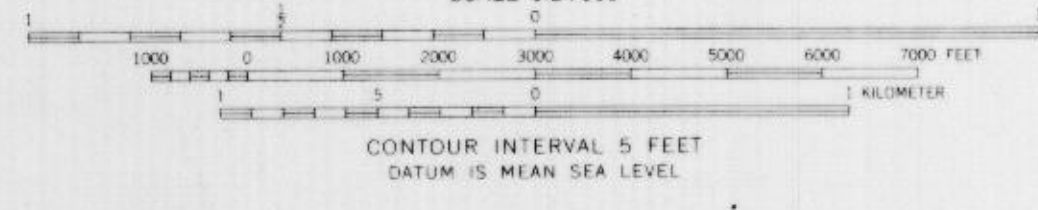
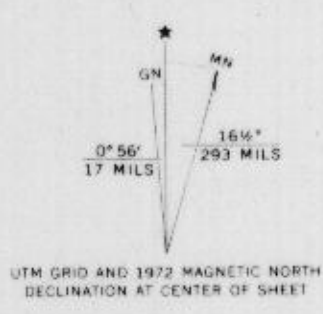
COMPILED BY BILL D. BLACK  
DRAFTED BY NOAH P. SNYDER

Utah Geological Survey  
Open-File Report 318 PLATE 5C  
1995

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



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 planimetric 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



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**

<b>XCLAY</b>	Possible expansive soil.
<b>GYP</b>	Possible gypsiferous soil.
<b>GYP/XCLAY</b>	Both possible gypsiferous and expansive soils.

Note: A standard soil investigation is recommended in all areas, including those where expansive and gypsiferous soils are not present (see table 1).

**ROAD CLASSIFICATION**  
Primary highway ——— Light-duty road, hard or hard surface  
Secondary highway, hard surface ——— Unimproved road  
Interstate Route □ U. S. Route ○ State Route

BURMESTER, UTAH  
N4037.5-W11222.5/7.5  
1972  
AMS 3565 III NW—SERIES V870

