

**Problem soils, South Mountain quadrangle, Tooele County, Utah.**

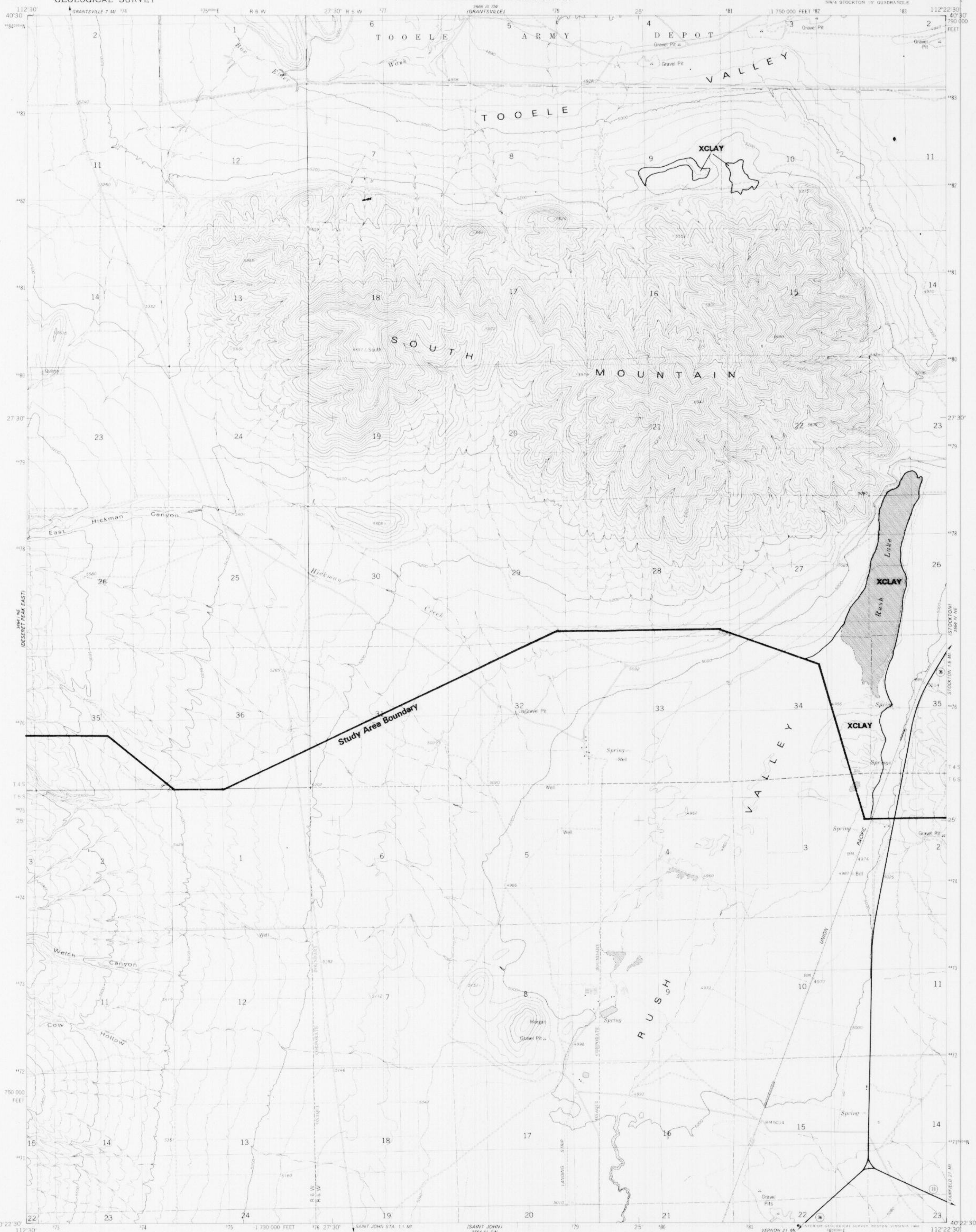
COMPILED BY BILL D. BLACK  
DRAFTED BY NOAH P. SNYDER

**Utah Geological Survey  
Open-File Report 318 PLATE 5K  
1995**

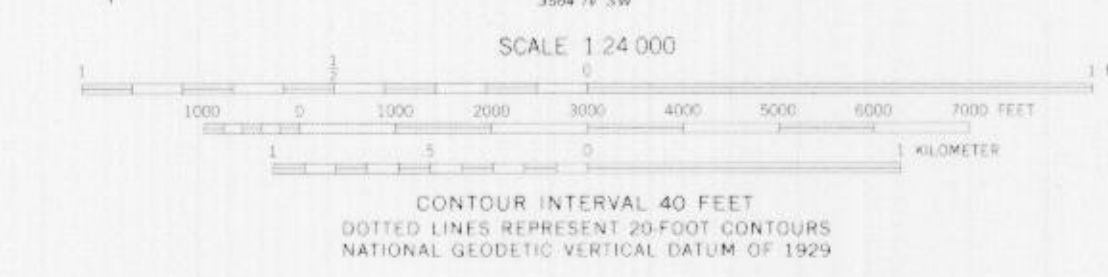
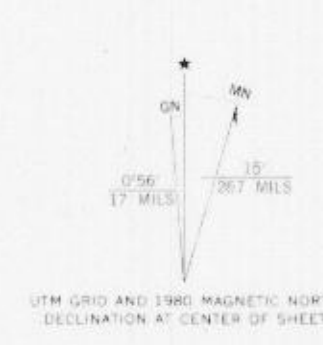
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

STATE OF UTAH  
UTAH GEOLOGICAL AND MINERAL SURVEY

SOUTH MOUNTAIN QUADRANGLE  
UTAH-TOOELE CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
NW4 STOCKTON 15 SUBRANGE



Mapped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial photographs taken 1974. Field checked 1975. Map edited 1980  
Projection and 10,000-foot grid ticks, Utah coordinate system, central zone (Lambert conformal conic) 1000 meter Universal Transverse Mercator grid, zone 12 1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 9 meters north and 67 meters east as shown by dashed corner ticks  
Fine red dashed lines indicate selected fence lines  
There may be private inholdings within the boundaries of the National or State reservations shown on this map



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



**SOUTH MOUNTAIN, UTAH**  
NW4 STOCKTON 15 QUADRANGLE  
40112-D4-1F-024  
1980  
DMA 5564 IV NW-SERIES V697

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

**EXPLANATION**

- XCLAY** Possible expansive soil.
- GYP** Possible gypsiferous soil.
- GYP/XCLAY** 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).

