Landslide, surface-fault-rupture, lake-flooding, and ponding and sheet-flooding hazards, South Mountain quadrangle, Tooele County, Utah.

MAPPED AND COMPILED BY KIMM M. HARTY AND BILL D. BLACK
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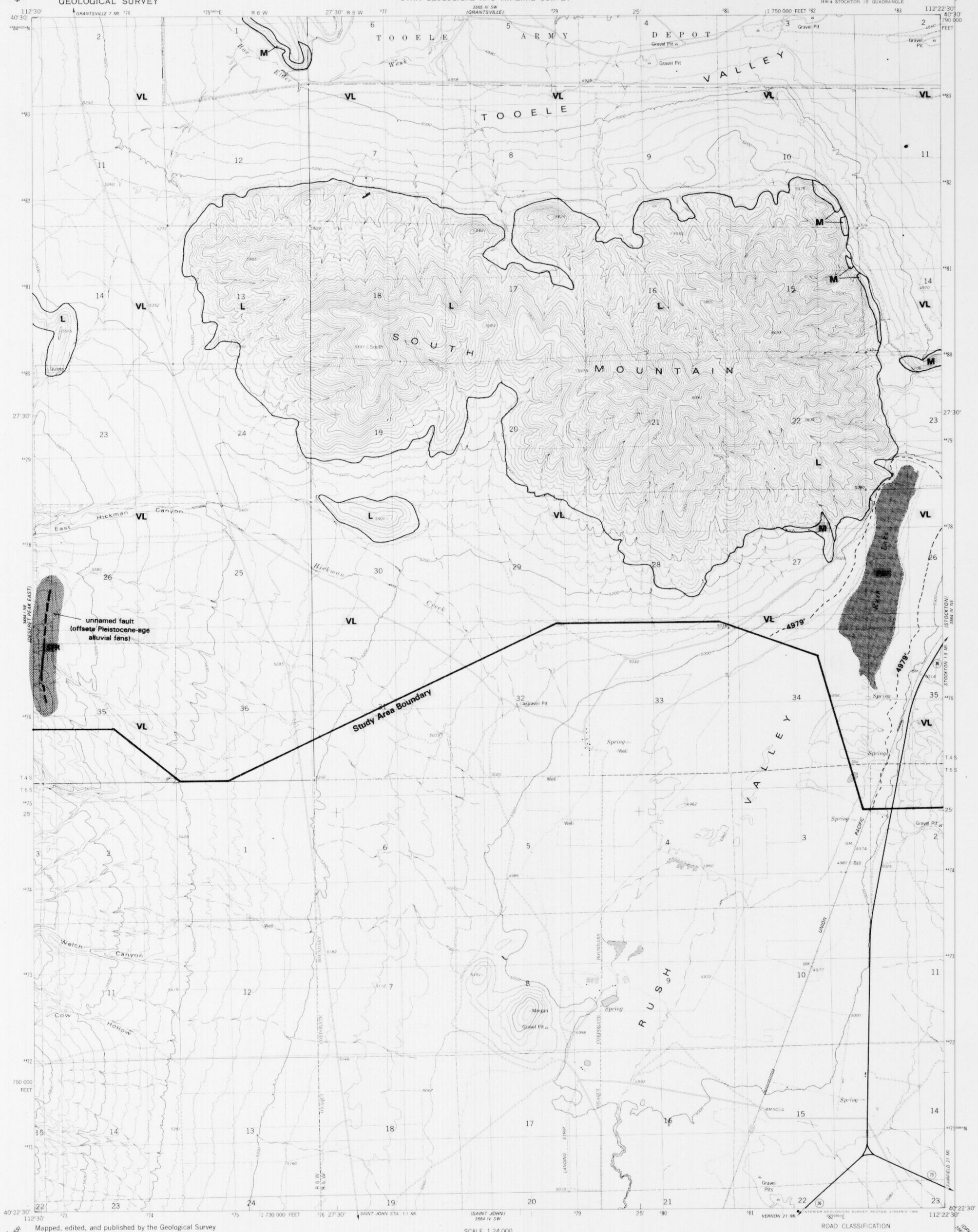
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF UTAH
UTAH GEOLOGICAL AND MINERAL SURVEY

SOUTH MOUNTAIN QUADRANGLE
UTAH–TOOELE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 STOCKTON 15' QUADRANGLE



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

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

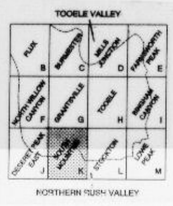
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

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

SOUTH MOUNTAIN, UTAH
NW/4 STOCKTON 15' QUADRANGLE
40112–D4–TF–024
1980
DMA 3564 IV NW—SERIES V897



EXPLANATION

Landslide susceptibility

H*	High; includes existing landslides (crosshatched).
M*	Moderate.
L	Low.
VL	Very low.

Surface fault rupture

Main trace of active faults with evidence of possible Quaternary movement (within the past 1.6 million years). Dashed where inferred, bar and ball on downthrown side.

SFR * Possible surface fault rupture.

Lake flooding, and ponding and sheet flooding

--4979'-- Measured historic high of Rush Lake (4,979-foot [1,518-m] contour). Areas below this elevation are subject to lake flooding and land use must be compatible with potential flood hazards.

PSF * Subject to ponding and sheet flooding.

* Special studies are recommended for certain land uses in areas of (1) high and moderate landslide susceptibility, (2) ponding and sheet flooding, and (3) possible surface fault rupture (see table 1).