Landslide, lake-flooding, and ponding and sheet-flooding hazards, Burmester quadrangle, Tooele County, Utah.

MAPPED AND COMPILED BY KIMM M. HARTY AND BILL D. BLACK
DRAFTED BY NOAH P. SNYDER

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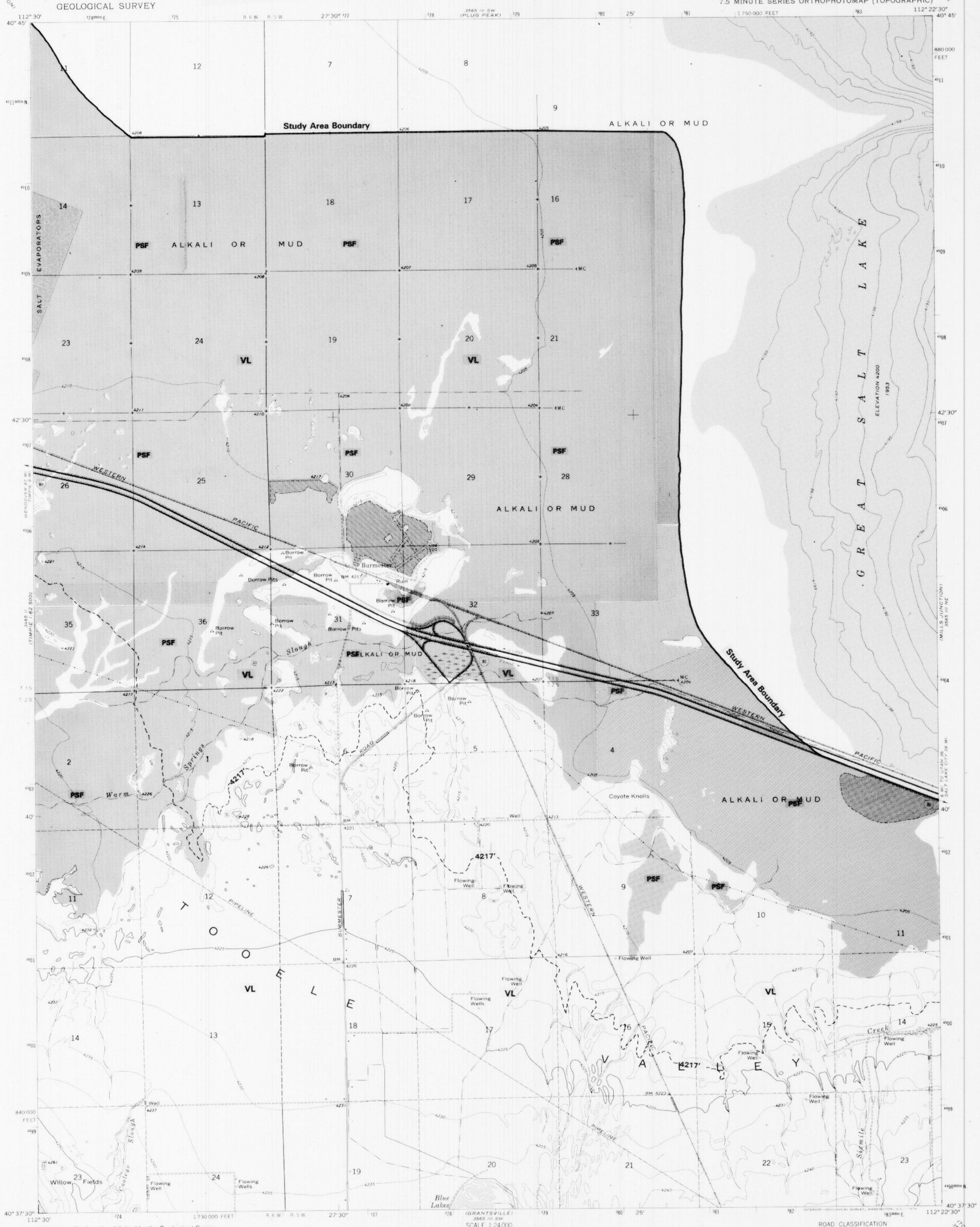
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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



Mapped, edited, and published by the Geological Survey

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Planimetry by photogrammetric methods from aerial photographs taken 1953. Topography by planetable 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

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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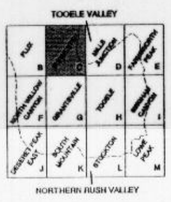
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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



EXPLANATION

Landslide susceptibility		Lake flooding, and ponding and sheet flooding	
H*	High; includes existing landslides (crosshatched).	--4217'--	Boundary of the "Beneficial Development Area" (4217-foot [1285-m] contour). Areas below this elevation are subject to lake flooding and land use must be compatible with potential flood hazards.
M*	Moderate.		
L	Low.	PSF *	Subject to ponding and sheet flooding.
VL	Very low.		

* Special studies are recommended for certain land uses in areas of high and moderate landslide susceptibility, and in areas subject to ponding and sheet flooding (see table 1).