Rock-fall hazard and depth to ground water, Bingham Canyon quadrangle, Tooele County, Utah.

MAPPED BY KIMM M. HARTY
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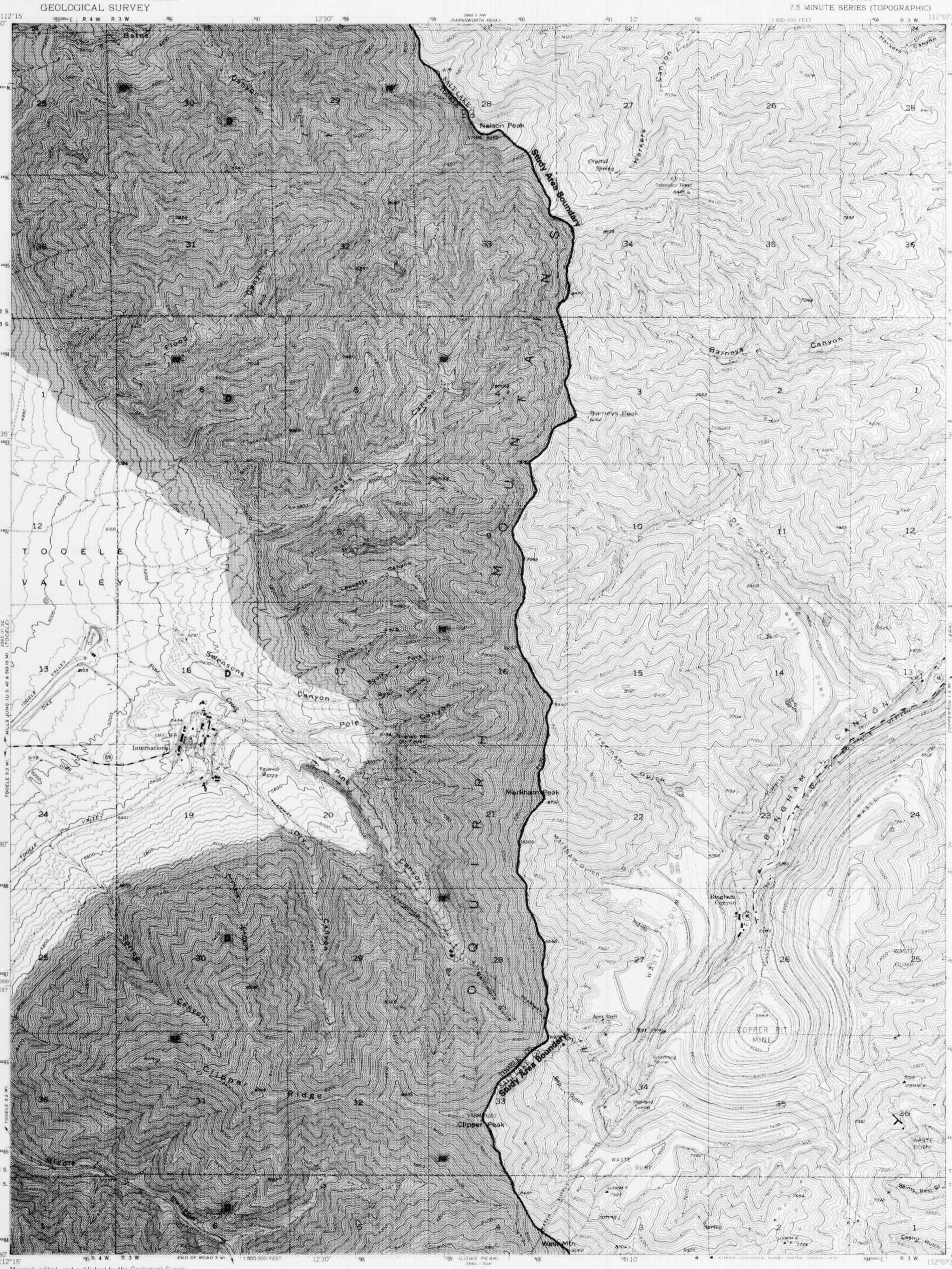
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BINGHAM CANYON QUADRANGLE
UTAH
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1950. Field check 1952, except contour and track detail in open pit mine which is subject to frequent change

Polyconic projection. 1927 North American datum
10,000-foot grid based on Utah coordinate system, central zone

Dashed land lines indicate approximate locations

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Revisions shown in purple compiled from aerial photographs taken 1969 and 1975. This information not field checked

UTM GRID AND 1975 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000

CONTOUR INTERVAL 40 FEET
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

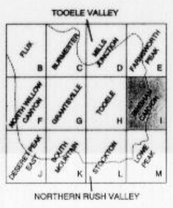
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Medium-duty — Light-duty
Unimproved dirt
State Route

BINGHAM CANYON, UTAH
N4030—W11207.5/7.5

1952
PHOTOREVISED 1969 AND 1975
AMS 3565 II SW—SERIES V897



EXPLANATION

Rock fall

RF * **Potentially subject to impact by rock fall.**

Depth to ground water

A*	Less than 10 feet (3 m).
B	10 to 30 feet (3-9 m).
C	30 to 50 feet (9-15 m).
D	Greater than 50 feet (15 m).

* Special studies are recommended in areas subject to rock fall and where the depth to ground water is less than 10 feet (3 m) (see table 1).