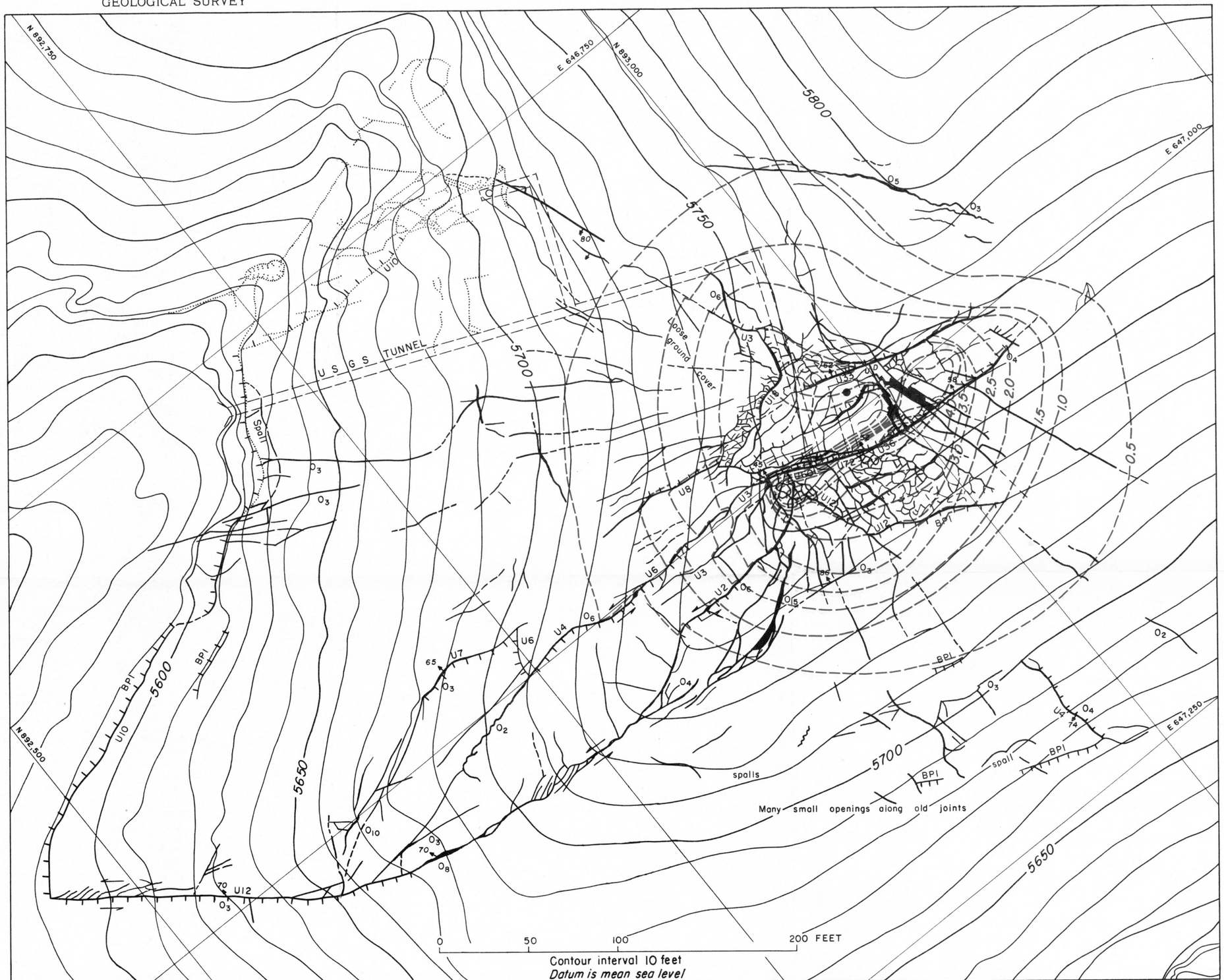

EXPLANATION

Scarp, hachures on downthrown side

Weights of lines are roughly proportional to relative sizes of fractures

BPI

Bedding-plane break

U10

Fracture showing relative vertical displacement, in inches

O_6

Open fracture showing dilation, in inches

Fracture showing direction of horizontal component of displacement

74

Fracture showing direction and amount of dip

Fracture caused by 10-ton explosion

Ground zero, room A

Ground zero, room B

1.5

1.0

Lines of equal permanent uplift, in feet

N

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—10453

Mapped by W. R. Hansen, April 8–9, 1957

PATTERN OF FRACTURES OPENED BY 50-TON EXPLOSION, USGS TUNNEL AREA, NEVADA TEST SITE