



Produced by the United States Geological Survey  
 Control by USGS and NOS/NOAA  
 Topography by photogrammetric methods from aerial photographs taken 1974-75. Field checked 1976. Map edited 1980  
 Projection and 10,000-foot grid ticks: Nevada coordinate system, west zone (Transverse Mercator)  
 1000-meter Universal Transverse Mercator grid, zone 11 1927 North American Datum  
 To place on the predicted North American Datum 1983 move the projection lines 14 meters north and 87 meters east as shown by dashed corner ticks  
 There may be private inholdings within boundaries of the National or State reservations shown on this map

SCALE 1:24 000  
 METERS  
 FEET  
 CONTOUR INTERVAL 10 METERS  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

SUTCLIFFE, NEV.  
 NE-4 SUTCLIFFE IS QUADRANGLE  
 N3952.5-W11930.7.5  
 1980  
 DMA 2063 1 NE-SERIES V896

Strike and dip of beds  
 Strike and dip of compaction foliation in ash-flow tuff  
 Strike and dip of flow bands in lava or intrusion  
 Joint  
 Fault  
 Low angle normal fault  
 Landslide Scarp

Contact: Dashed where approximately located; short dashes indicate intimate contact; queried where uncertain; dotted where concealed.  
 Fault: Showing dip of fault and trend of striae on fault surface (arrow); bar and ball on downthrown side; dashed where approximately located, queried where uncertain, dotted where concealed.  
 Low angle normal fault: Dashed where approximately located, hachures on downthrown side.

Field work done in 2002.  
 DRAFT  
 Preliminary geologic map.  
 Has not undergone office or field review.  
 May be revised before publication.  
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