UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WOODFORDS QUADRANGLE
CALIFORNIA–NEVADA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 FREEL PEAK 15' QUADRANGLE

NOTE: FAULT LOCATIONS ARE FROM ARMIN & JOHN (1980). ARMIN & JOHN (1983) SHOW MANY OF THESE FAULTS IN A SLIGHTLY DIFFERENT LOCATION.

{Concealed by landslide debris

{Cuts Pleistocene fan (Armin & John, 1983); cuts Holocene fan (Armin & John, 1980).

Not shown on Armin & John (1983).

Fault connected by late Quaternary fan deposits (Armin & John, 1983).

{Cuts late Quaternary fan deposits (Armin & John, 1980).

GENOA FAULT bounds Pleistocene & late Quaternary fans except as noted (Armin & John, 1980; 1983).

Note: Faults entirely within bedrock west of Genoa fault not shown.

Fault cuts Pleistocene fan deposits but is not evident in more recent (still Pleistocene) deposits to north & south.

Fault shown concealed by Pleistocene to late Pleistocene fan deposits (Armin & John, 1983). See note in explanation.

Pleistocene outwash deposits not faulted (Armin & John, 1980; 1983).

Faults depicted as extending into valley fill (Armin & John, 1980, call unit Holocene; Armin & John, 1983, call unit late Quaternary). = Holocene &/or late Pleist

Holocene fans not faulted (both maps).

Fault bounds Holocene fan deposits (Armin & John, 1983).

Fault concealed by late Quaternary deposits (Armin & John, 1983); cuts Holocene fans (Armin & John, 1980).

DASHED

DV1 DV2 DV3 DV4 DV5 DV6 DV7 DV8 DV9 DV10 DV11

dashed

Cuts Pleistocene outwash deposits (Armin & John, 1980; 1983)

DASHED; cuts Holocene fan deposits (Armin & John, 1983).

Armin & John (1980; 1983) show faults cutting Holocene fan deposits & undifferentiated moraine deposits (Pleistocene).

Cuts Quaternary moraine deposits (Armin & John, 1983)

Armin & John (1980; 1983) show fault separating Holocene alluvium from Pleistocene moraine deposits.

Concealed by late Quaternary fans (Armin & John, 1980; 1983).

Cuts Holocene fan deposits (Armin & John, 1980)

Concealed by late Quaternary fan deposits (Armin & John, 1983).

Cuts Holocene fan deposits (Armin & John, 1980; 1983).

FER-156, FIGURE 2B. Faults mapped by other workers, Woodfords quadrangle. Where faults shown by the two references cited on this map coincide, the line symbols shown are those of Armin and John (1980), with notations describing the differences between the two maps. The faults depicted by other workers (Curtis (1951), and the many regional maps referred to in the text) are not shown since such maps in part have been generalized, appear less detailed than the data shown on this map, or generally duplicate (in a general way) the data shown hereon. Their fault symbols are dashed where inferred or approximately located; dotted where concealed; bar and ball on downthrown side.

Armin and John (1980)

Armin and John (1983)

Map edited 1979

Projection: California coordinate system, zone 2 (Lambert conformal conic)
10,000-foot grid ticks based on California coordinate system, zone 2 and Nevada coordinate system, west zone
1000-meter Universal Transverse Mercator grid, zone 2
1927 North American datum
To place on the predicted North American Datum 1983 move the projection lines 87 meters north and 13 meters east as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1979 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

WOODFORDS, CALIF.–NEV.
SE/4 FREEL PEAK 15' QUADRANGLE
N3845–W11945/7.5
1979
DMA 2061 IV SE—SERIES V895

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