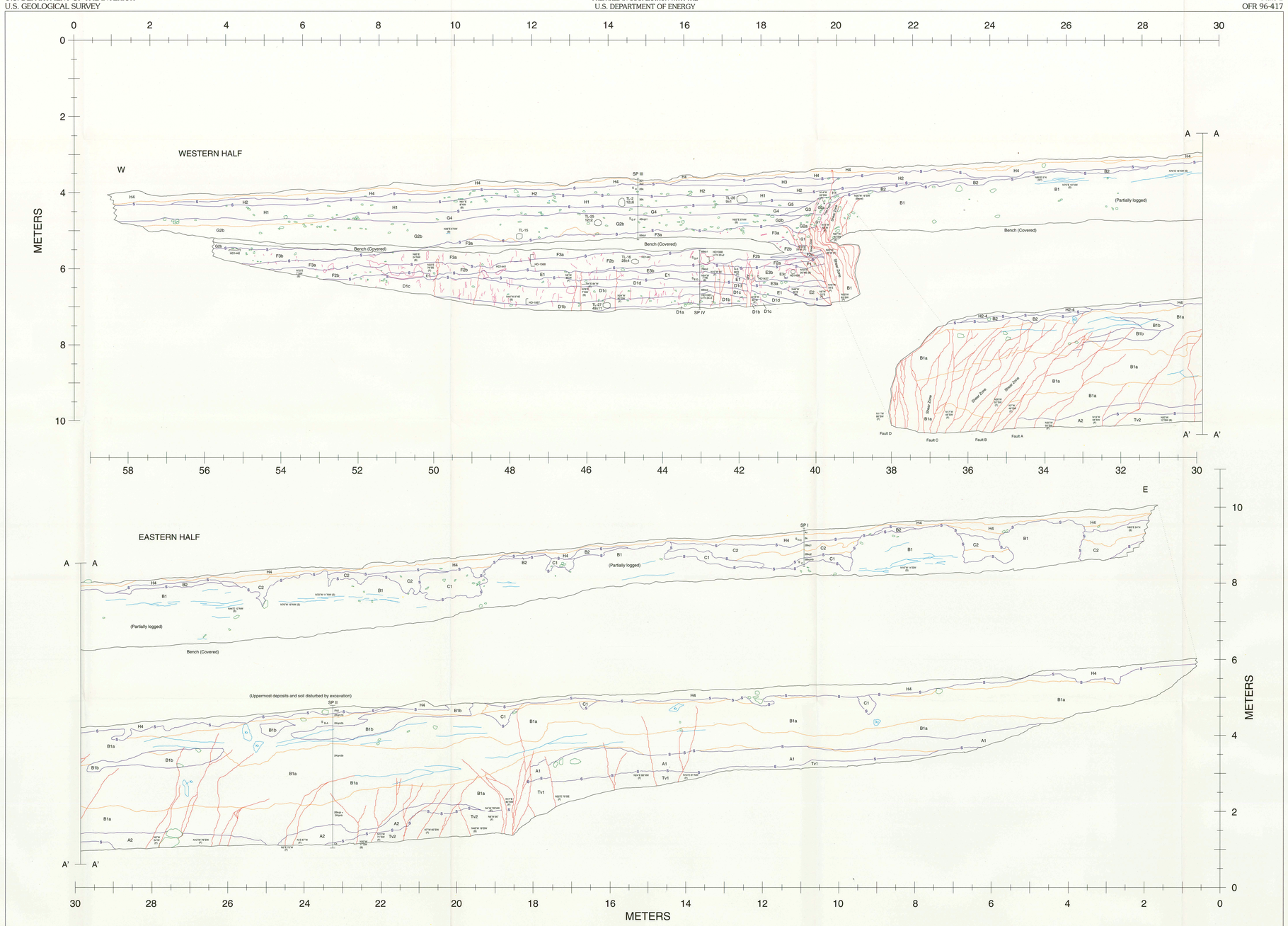

North walls compiled by photogrammetric methods from close-range photographs (Fairer and others, 1989; Coe and others, 1991), taken November 1992 and June 1993.

Orthographic Projection Planes:
SCR-T1: Vertical plane striking 090° E with an origin at 559401.8 E and 721731.0 N (Nevada State Plane Coordinate System)

South walls logged using conventional techniques of manual gridding and plotting in July–August 1993. The south wall logs were digitized, then presented in mirrored image as if viewed from the south.

Survey control by Raytheon Services, Nevada.

Photographs by Johnson Control

EXPLANATION

Contact between lithologic units—Dashed where approximate

Fracture or shear—Dashed where approximate, queried where uncertain

Surface rupture tectonic boundary—Fissure or buried scarp-free face

Soil horizon boundary—Lithologic contacts take precedence over soil horizons where the two coincide

Combined lithologic contact/soil-horizon boundary—Dashed where approximate

Calcium carbonate stringer

Krotovina

Selected clasts

Selected rhizoliths and root casts—Dashed where approximate

Match line for subdivision of large-scale logs (Plates 2 and 3)

Sample site for geochronologic dating with sample identification number

HD1440

HD1440: U-Series disequilibrium
TL-02: Thermoluminescence method

N10°W 80°SW (F)

Strike and dip of shears/fractures (F), bedding (B), and stringers (S)

SP II
B41 (B4)

Location of soil profile description—Soil units listed by associated major deposit on left; soil horizons on right

UNIT DESIGNATIONS

Surficial deposits

D1b **Alphanumeric unit label, indicating sequence of lithologically similar units (D), individual unit (1), and any subunits (b)**

Bedrock units

Tv1 **Tertiary volcanic rocks**

DETAILED LOG OF TRENCH SCR–T1, STAGECOACH ROAD FAULT, SOUTHEAST EDGE OF YUCCA MOUNTAIN, NYE COUNTY, NEVADA

By
C.M. Menges, J.A. Oswald, J.A. Coe, and M. Murray
1997