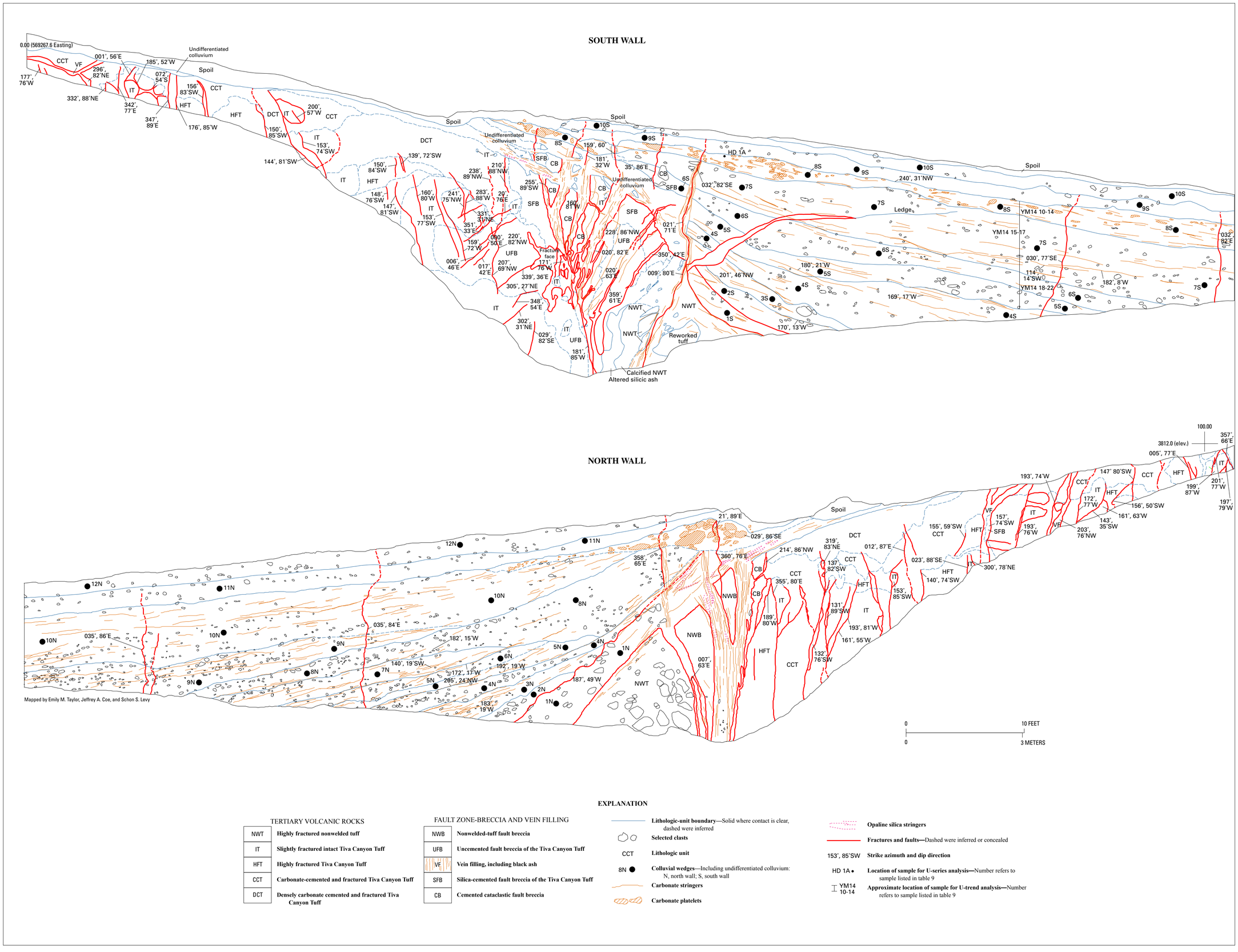

EXPLANATION

TERTIARY VOLCANIC ROCKS

NWT	**Highly fractured nonwelded tuff**
IT	**Slightly fractured intact Tiva Canyon Tuff**
HFT	**Highly fractured Tiva Canyon Tuff**
CCT	**Carbonate-cemented and fractured Tiva Canyon Tuff**
DCT	**Densely carbonate cemented and fractured Tiva Canyon Tuff**

FAULT ZONE-BRECCIA AND VEIN FILLING

NWB	**Nonwelded-tuff fault breccia**
UFB	**Uncemented fault breccia of the Tiva Canyon Tuff**
VF	**Vein filling, including black ash**
SFB	**Silica-cemented fault breccia of the Tiva Canyon Tuff**
CB	**Cemented cataclastic fault breccia**

Lithologic-unit boundary—Solid where contact is clear, dashed were inferred

Selected clasts

CCT **Lithologic unit**

8N ● **Colluvial wedges**—Including undifferentiated colluvium: N, north wall; S, south wall

Carbonate stringers

Carbonate platelets

Opaline silica stringers

Fractures and faults—Dashed were inferred or concealed

153°, 85°SW **Strike azimuth and dip direction**

HD 1A ◆ **Location of sample for U-series analysis**—Number refers to sample listed in table 9

YM14 10-14 **Approximate location of sample for U-trend analysis**—Number refers to sample listed in table 9

PLATE 3. LOG OF TRENCH T14

Keefer, W.R., Whitney, J.W., and Taylor, E.M., eds., 2004, Quaternary Paleoseismology and Stratigraphy of the Yucca Mountain Area, Nevada: U.S. Geological Survey Professional Paper 1689