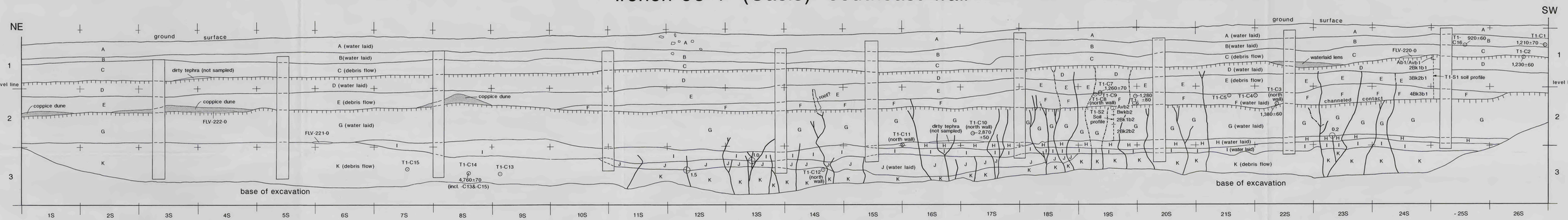
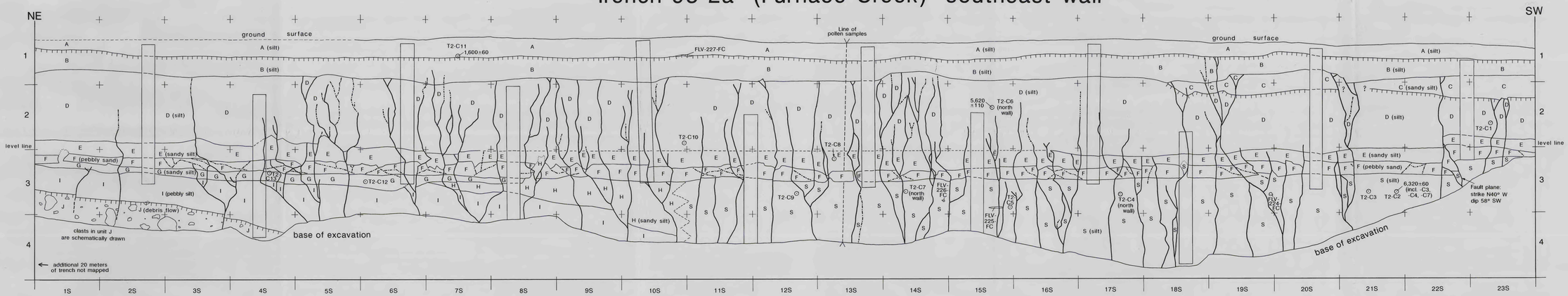
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

MISCELLANEOUS FIELD STUDIES
MAP MF–2266
Pamphlet accompanies map

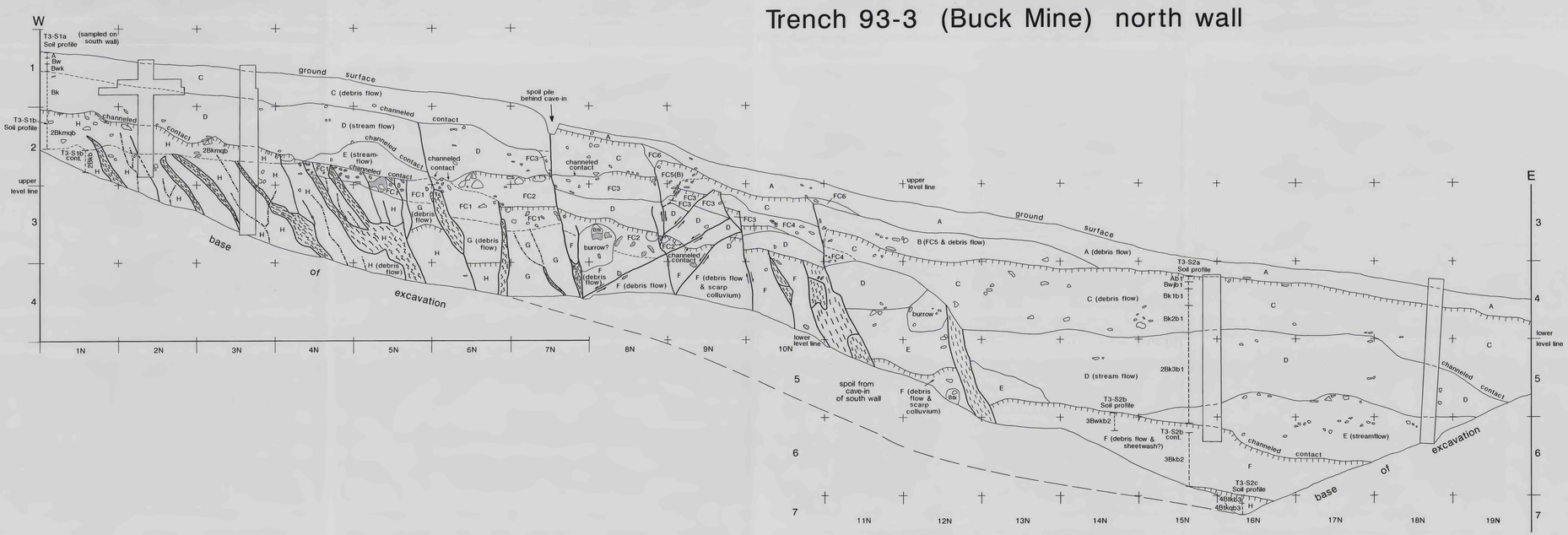
Trench 93-1 (Oasis) southeast wall



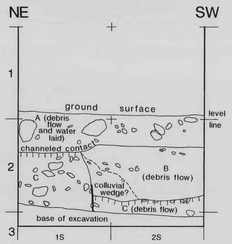
Trench 93-2a (Furnace Creek) southeast wall



Trench 93-3 (Buck Mine) north wall



Trench 93-2b (Furnace Creek) southeast wall



TRENCH SYMBOLS

Contact–Dashed where uncertain; dotted where diagrammatic

A (silt) **Unit designation**–Description modifiers in parentheses

Top of buried soil–Upper horizons locally truncated by erosion

4.5 **Fault with demonstrated offset, truncation, or drag of beds**–Dashed where inferred. In trench 93-1, number indicates offset (in cm) where it is too small for log scale; in trench 93-3, arrows show direction of vertical offset in graben area

Shear zone in trench 93-3–Characterized by clasts oriented parallel to fault plane

Uncemented

Weakly cemented with $CaCO_3$

Moderately to strongly cemented with $CaCO_3$

Fracture with no apparent offset

Bbk **Clasts**–Only those larger than about 5 cm in diameter are shown; schematically drawn in unit J, trench 93-3a. In trench 93-3, diagonal pattern indicates clast of reworked pedogenic $CaCO_3$; Bbk indicates clast of reworked Bbk horizon

Coppice dune or water-laid lens–Unnamed units in trench 93-1

Sample locality

2,870±50 T1 C10 **Charcoal**–With ^{14}C age in yr B.P. where dated; see table 1

FLV-222-O **Tephra**–See table 2

T1 S2 Avb1 Bwkb2 **Soil profile**–Showing horizon boundaries. See tables 3 and 5

Pollen profile–Trench 93-2a

Location of shore–Contact dashed where continuity likely; solid where mapped after shore was removed

Mapped in 1993 by M. Reheis, and S. Beach, E. Mellon, T. Powell, K. Townsend
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LOGS OF TRENCHES ACROSS THE CENTRAL PART OF THE FISH LAKE VALLEY FAULT ZONE, MONO COUNTY, CALIFORNIA

By
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1994

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1994

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