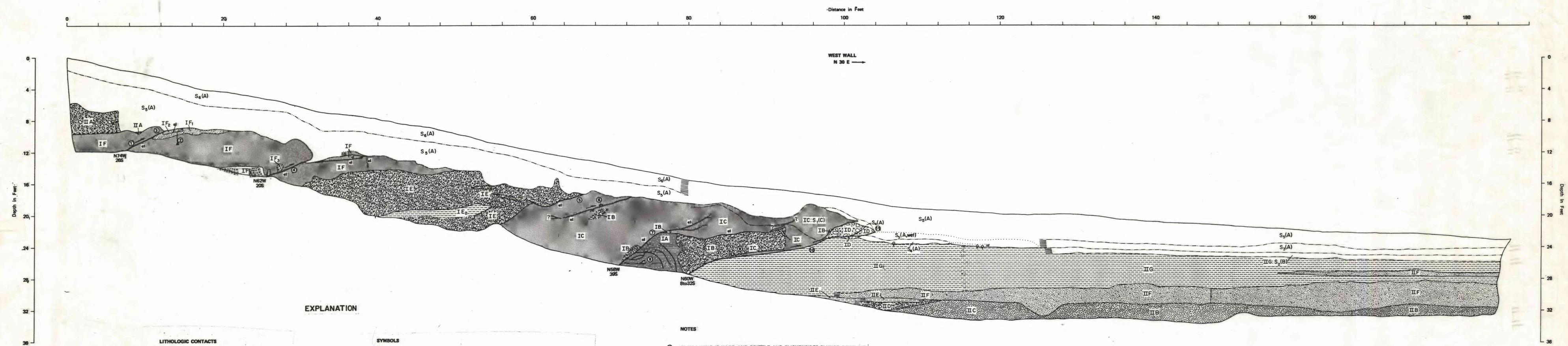


TRENCH I



EXPLANATION

LITHOLOGIC CONTACTS	
	ABRUPT ($\leq 1'$)
	CLEAR TO GRADUAL (1" to 5")
	WEAK ($\approx 5'$)
SOIL CONTACTS	
	ABRUPT ($\leq 1'$)
	CLEAR TO GRADUAL (1" to 5")
	WEAK ($> 5'$)

SYMBOLS	
	EROSIONAL DISCONFORMITY BETWEEN MAJOR LITHOLOGIC UNITS
	FAULT OR SHEAR WITH RELATIVE SLIP INDICATED
	DIFFUSE OR GRADATIONAL LATERAL FACIES CHANGE
	WATER SEEP
	NOTE
	CLAY LINED

NOTES

- ① CLAY LINING IS HARD AND BRITTLE AND SLICKENSIDES PLUNGE DOWN DIP.
- ② CLAY SEAM 1/2" THICK.
- ③ NUMEROUS VERTICAL FRACTURES.
- ④ CLAY LINING IS HARD AND BRITTLE AND SLICKENSIDES PLUNGE S25W.
- ⑤ SHEARED, CLAY-LINED CONTACT.
- ⑥ APPARENT OFFSET OF PEBBLES ACROSS CLAY-LINED SHEAR.
- ⑦ CLAY LINING IS SOFT AND SLICKENSIDES PLUNGE DOWN DIP.
- ⑧ SLICKENSIDED PLANAR SHEARS IN CONCENTRIC PATTERN.
- ⑨ FLAT PEBBLES ARE DRAGGED INTO SHEARS AND ALIGNED ALONG SHEAR SURFACES.
- ⑩ SOFT CLAY SHEARS, SOMETIMES WET.
- ⑪ 2.5 FEET OFFSET AT BASE OF SOIL.

Woodward-Clyde Consultants

PLATE 2 SHEET I
TRENCH LOG
BARHAM RANCH, SITE I
LOS ALAMOS FAULT

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FOR LITHOLOGIC DESCRIPTIONS REFER TO SHEET 2.

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.