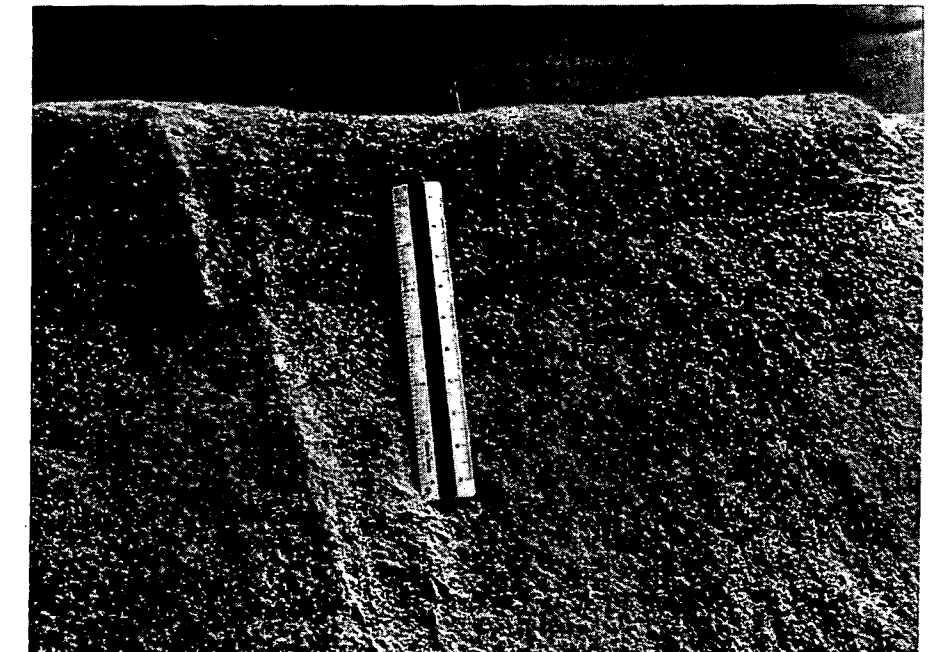
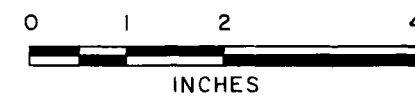
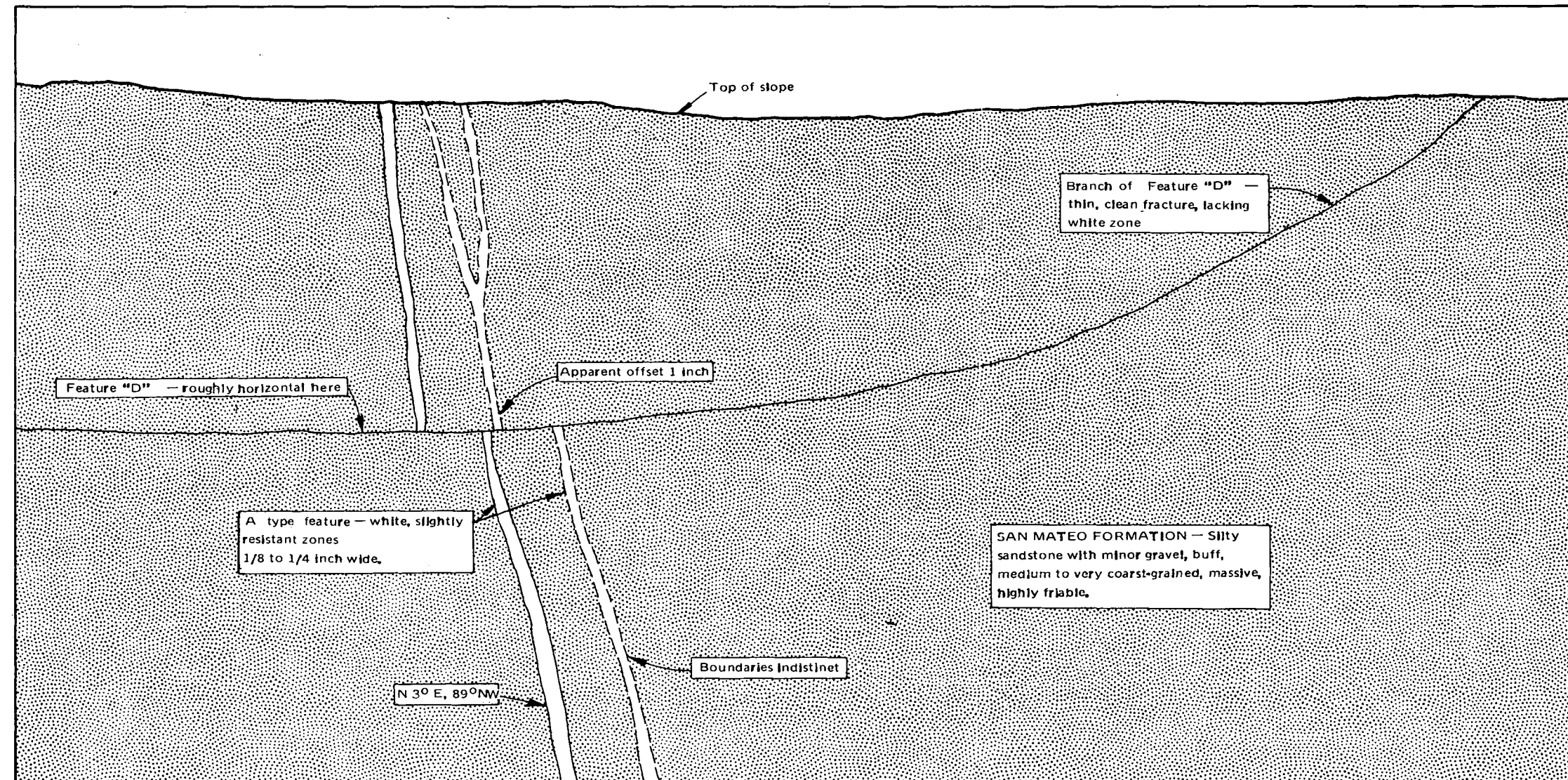


# INTERSECTION 14

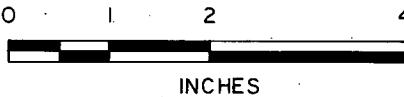
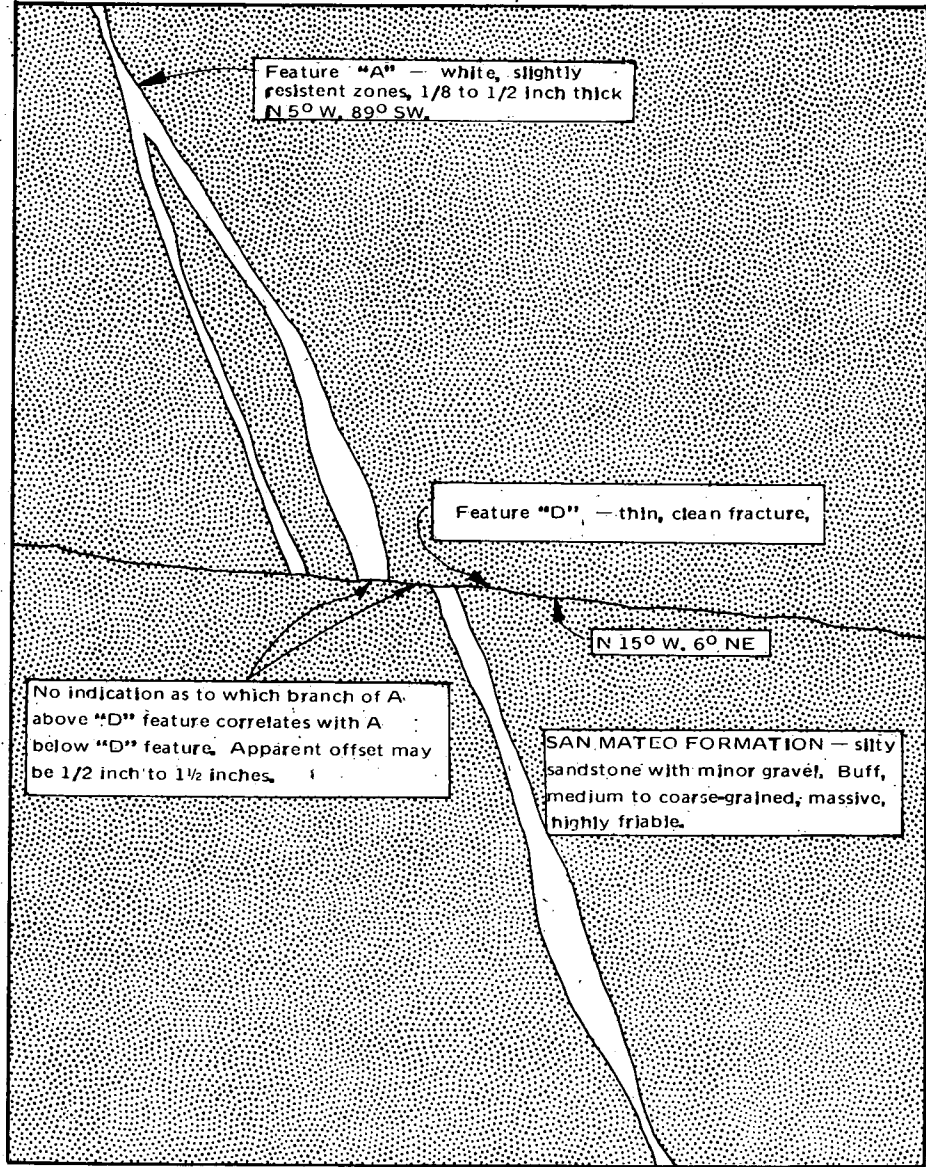
— N 57° W



NORTHEAST CUTSLOPE OF REACTOR PIT, UNIT 2		Project No. A-069-EG
SAN ONOFRE NUCLEAR GENERATING STATION UNITS 2 and 3		Date 11-1-74
SOUTHERN CALIFORNIA EDISON COMPANY		COMPILED BY SK
FUGRO, INC. Long Beach, California		PREPARED BY
		CHECKED BY
		APPROVED BY
		DRAWING NO. 4

INTERSECTION 15

N 57° W

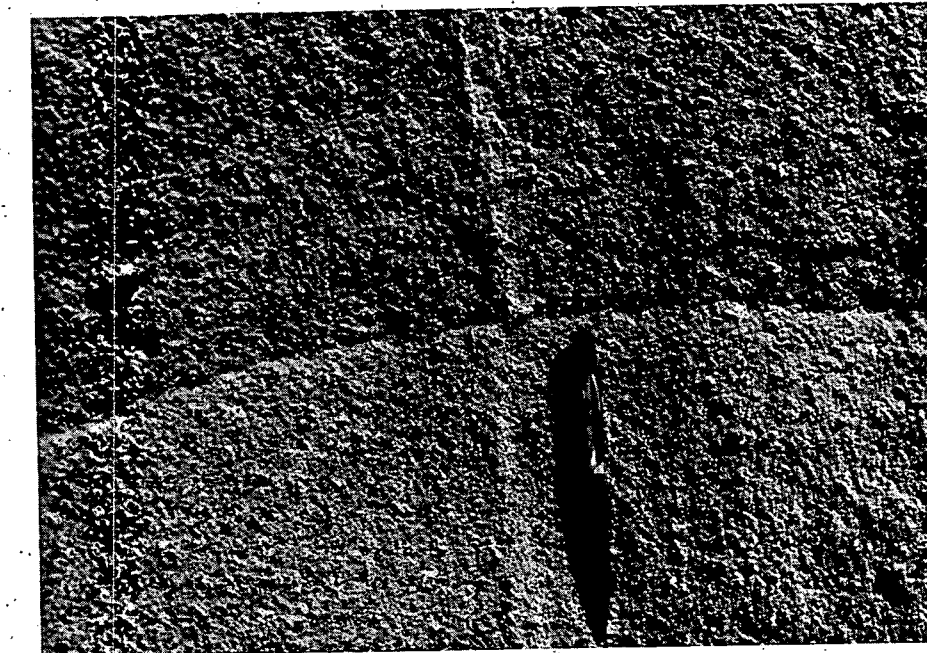
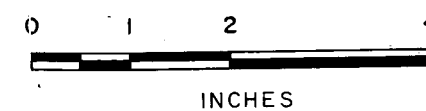
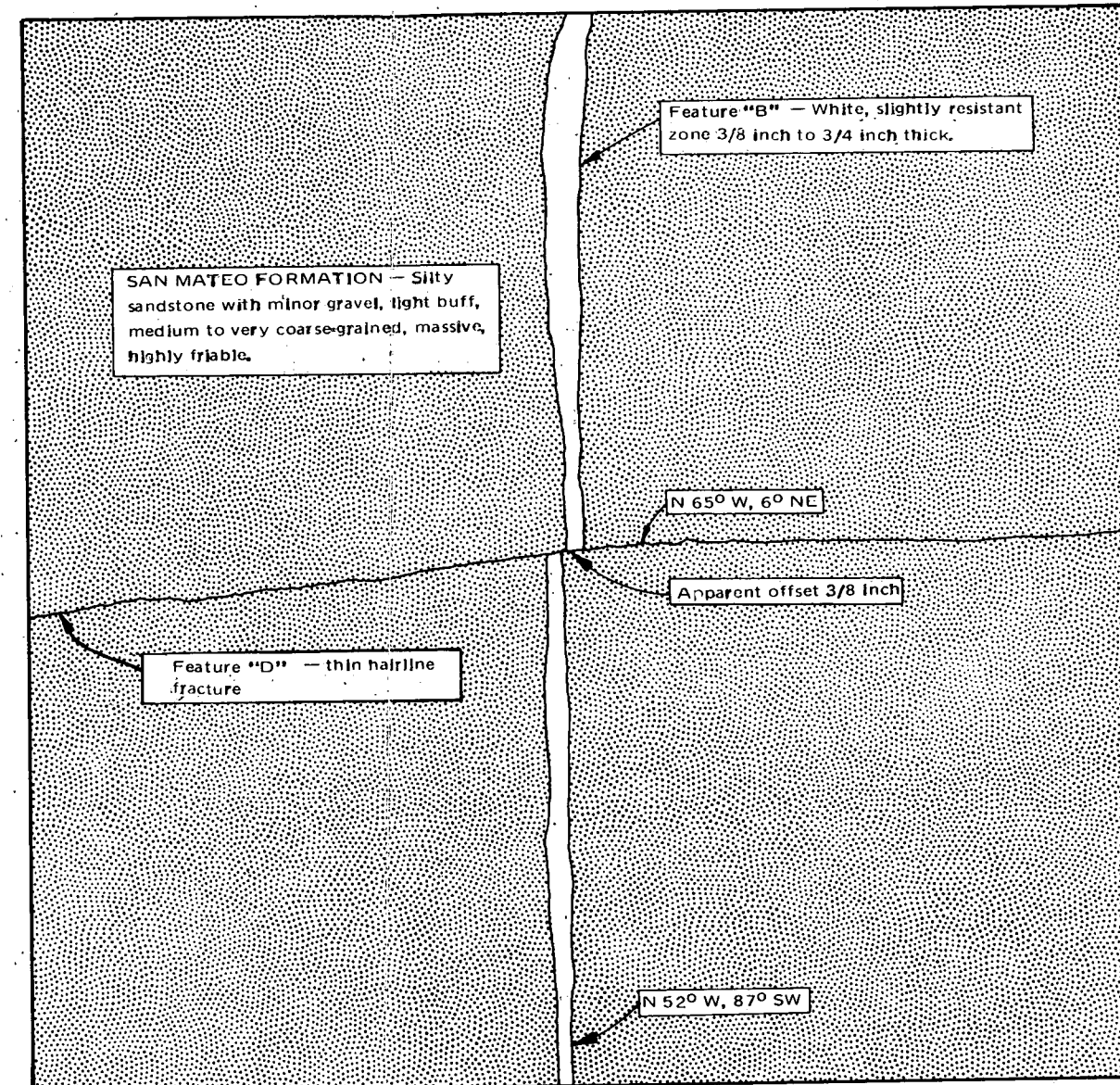


NORTHEAST CUTSLOPE OF REACTOR PIT, UNIT 2		Project No. 74-069-EG	
SAN ONOFRE NUCLEAR GENERATING STATION UNITS 2 and 3		Date: 11-1-74	
SOUTHERN CALIFORNIA EDISON COMPANY		COMPILED BY: SK	DRAWING NO. 5
FUGRO, INC. Long Beach, California		CHECKED BY: RJS	
		APPROVED BY: [Signature]	



# INTERSECTION 16

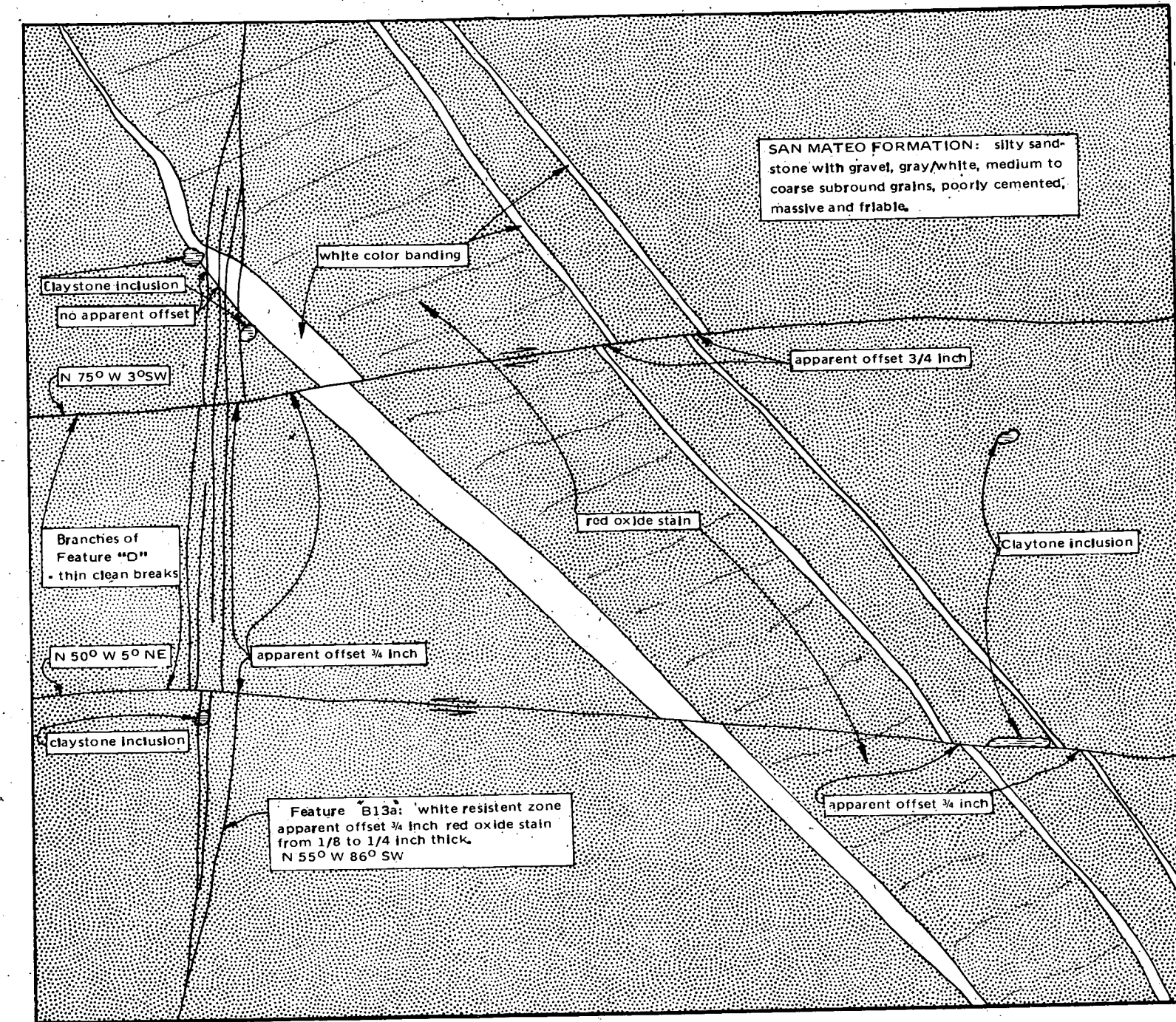
N 33° E



NORTHEAST CUTSLOPE OF REACTOR PIT, UNIT 2		Project No 74-069-EG	
SAN ONOFRÉ NUCLEAR GENERATING STATION		Date 11-1-74	
UNITS 2 and 3		COMPILED BY SK	DRAWING NO.
SOUTHERN CALIFORNIA EDISON COMPANY		PREPARED BY	6
FUGRO, INC. Long Beach, California		CHECKED BY	
		APPROVED BY	

# INTERSECTION 17

N 33° W

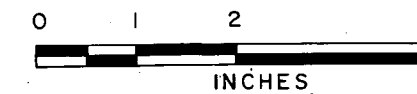
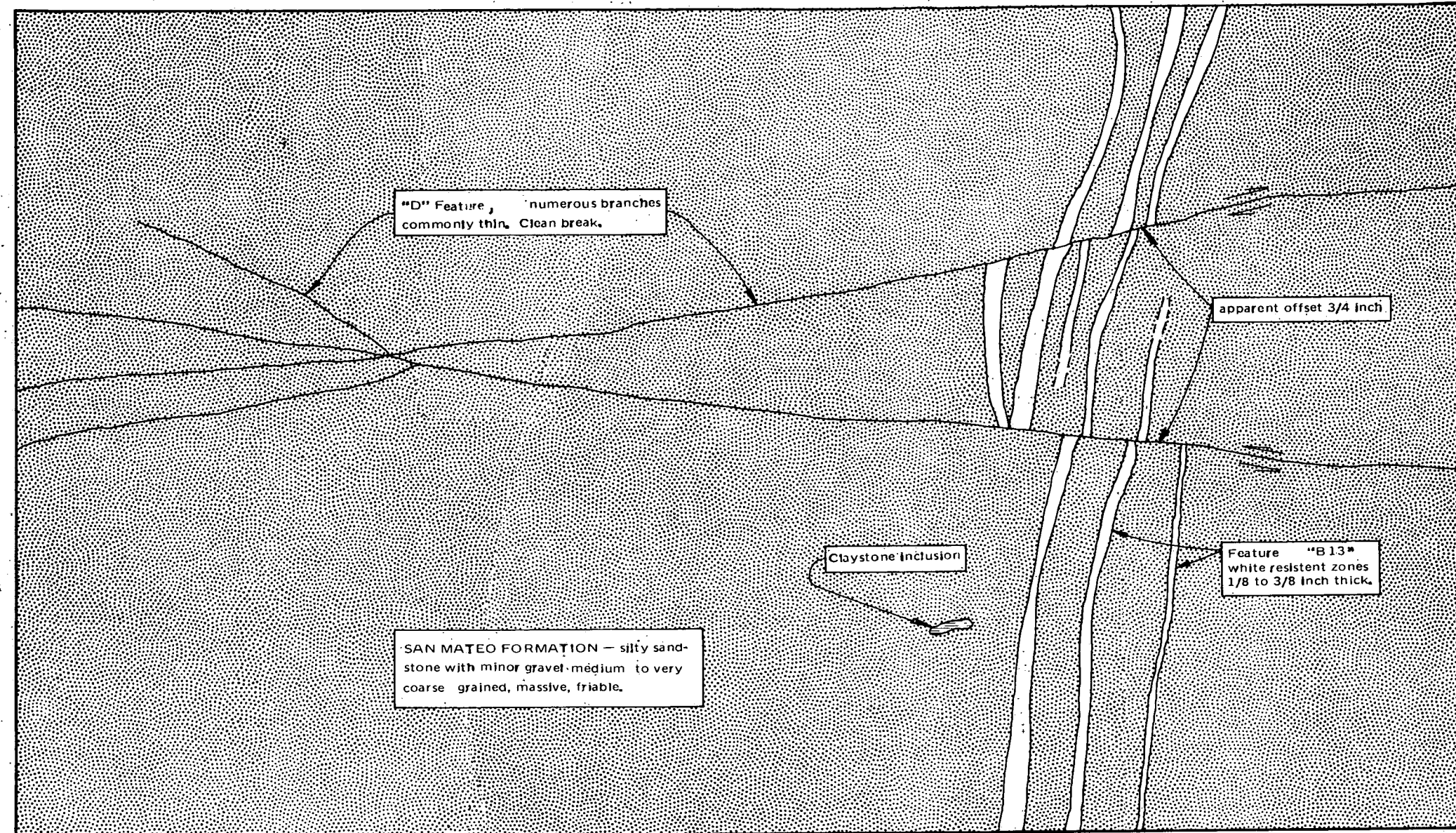


0 5 10  
INCHES

NW outcrop in Unit 2 Reactor pit		Project No 74-069-FG	
SAN ONOFRE NUCLEAR GENERATING STATION		Date 11-1-74	
UNITS 2 and 3		COMPILED BY SK	DRAWING NO.
SOUTHERN CALIFORNIA EDISON COMPANY		PREPARED BY	7
FUGRO, INC. Long Beach, California		CHECKED BY	
		APPROVED BY	

# INTERSECTION 18

N 33° E



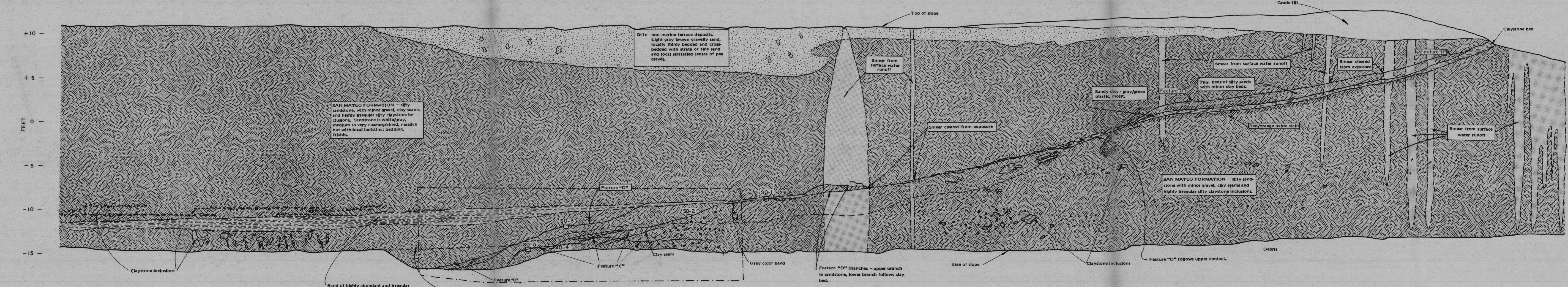
NW CUTSLOPE, UNIT 2		Project No 74-069-EG
SAN ONOFRE NUCLEAR GENERATING STATION UNITS 2 and 3		Date 11-1-74
SOUTHERN CALIFORNIA EDISON COMPANY		COMPILED BY <i>SR</i>
FUGRO, INC. Long Beach, California		PREPARED BY <i>SR</i>
		CHECKED BY <i>SR</i>
		APPROVED BY <i>SR</i>
		DRAWING NO. <b>8</b>



# CUTSLOPE I

N 57° W

FEET 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170



Detailed log of "C" and "D" Features - Cutslope 1  
See Drawing number 10

HORIZONTAL AND VERTICAL SCALE  
1 INCH = 5 FEET

SO-1  
□ Thin sections sample locations

LOG of CUTSLOPE 1		Project No 74-069-EG
SAN ONOFRE NUCLEAR GENERATING STATION		Date 11-1-74
UNITS 2 and 3		DRAWING NO
SOUTHERN CALIFORNIA EDISON COMPANY		9
Drawn by	Checked by	Approved by
Long Beach, California		



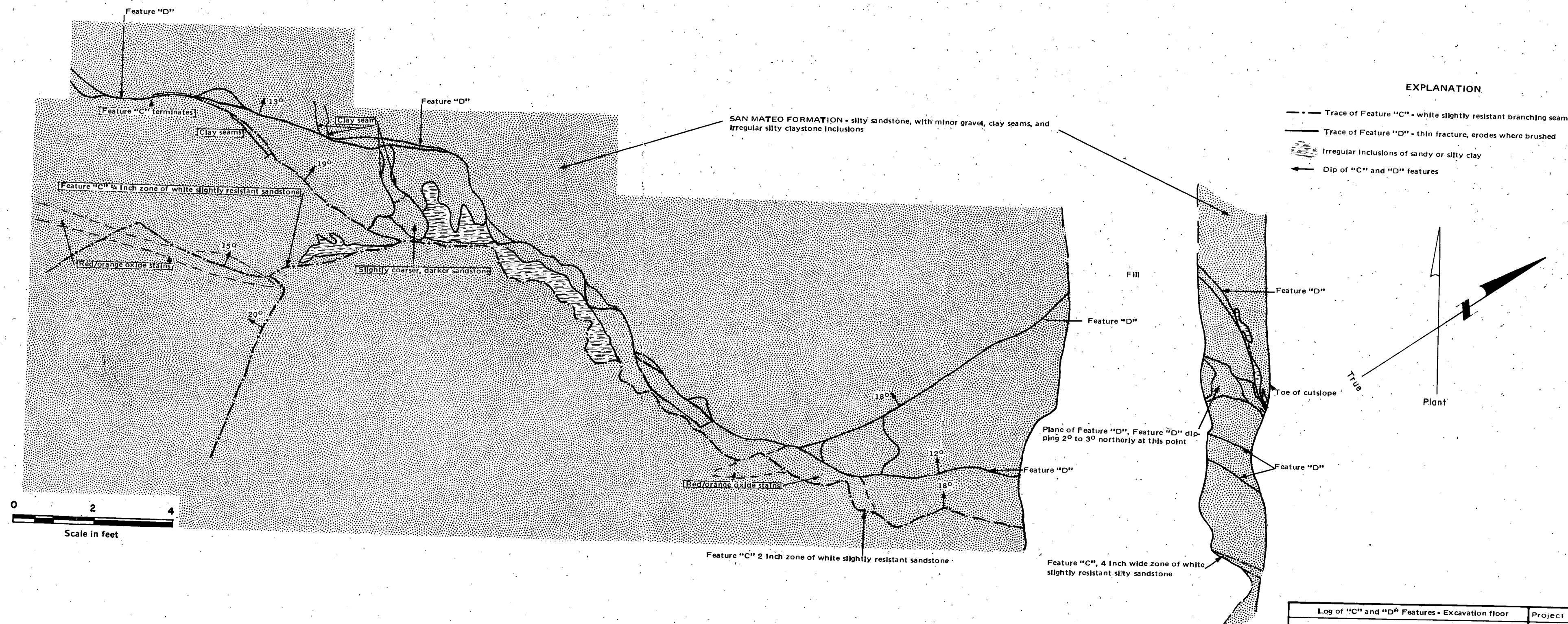
 N57°W



Log of "C" and "D" Features - Cut slope 1	Project No	74-069-EG
SAN ONOFRE NUCLEAR GENERATING STATION UNITS 2 and 3	Date	11-1-74
SOUTHERN CALIFORNIA Edison COMPANY	COMPILED BY	as
	PREPARED BY	
	CHECKED BY	n/s
	APPROVED BY	DB
<b>FUERO, INC.</b> Long Beach, California		10

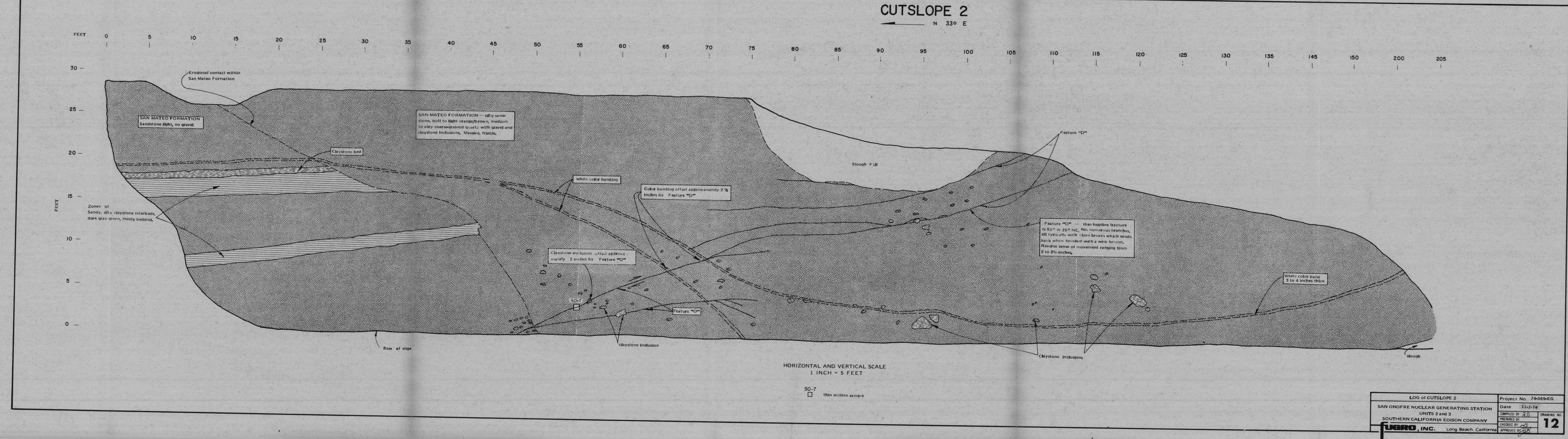


DETAIL LOG FEATURES "C and D"  
TOE OF CUT SLOPE 1



Log of "C" and "D" Features - Excavation floor	Project No 74-069-EG
SAN ONOFRE NUCLEAR GENERATING STATION UNITS 2 and 3	Date: 11-1-74
SOUTHERN CALIFORNIA EDISON COMPANY	COMPILED BY <i>AS</i>
<b>FUGRO, INC.</b> Long Beach, California	PREPARED BY
	CHECKED BY <i>AS</i>
	APPROVED BY
	DRAWING <b>11</b>

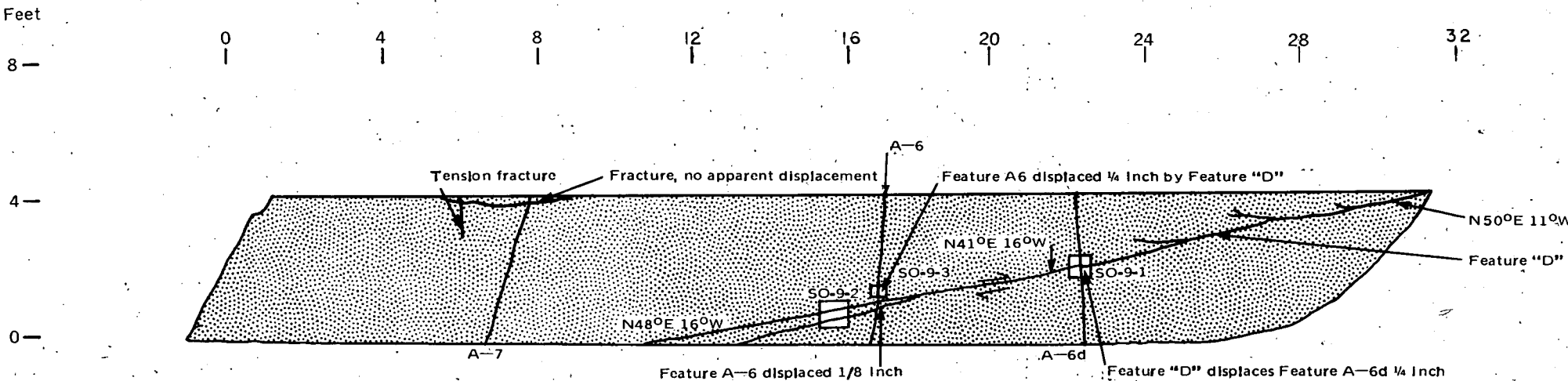






CUTSLOPE 3

N57W



SAN MATEO FORMATION - silty sandstone, light gray brown, medium to very coarse grained, subround to subangular, quartz and feldspar grains with some volcanic fragments, poorly sorted, massive, friable.

Feature "A-6, A-6d and A-7", white, slightly resistant ridges 1/8 to 1/4 Inch wide.

Feature "D" Low angle fracture erodes when brushed, displaces "A" Features.

1 INCH = 4 FEET  
SCALE

LOG of CUTSLOPE 3	Project No 74-069-EG
SAN ONOFRE NUCLEAR GENERATING STATION UNITS 2 and 3 SOUTHERN CALIFORNIA EDISON COMPANY	Date 11-1-74
COMPILED BY AS	DRAWING NO. 13
PREPARED BY	CHECKED BY
APPROVED BY	APPROVED BY

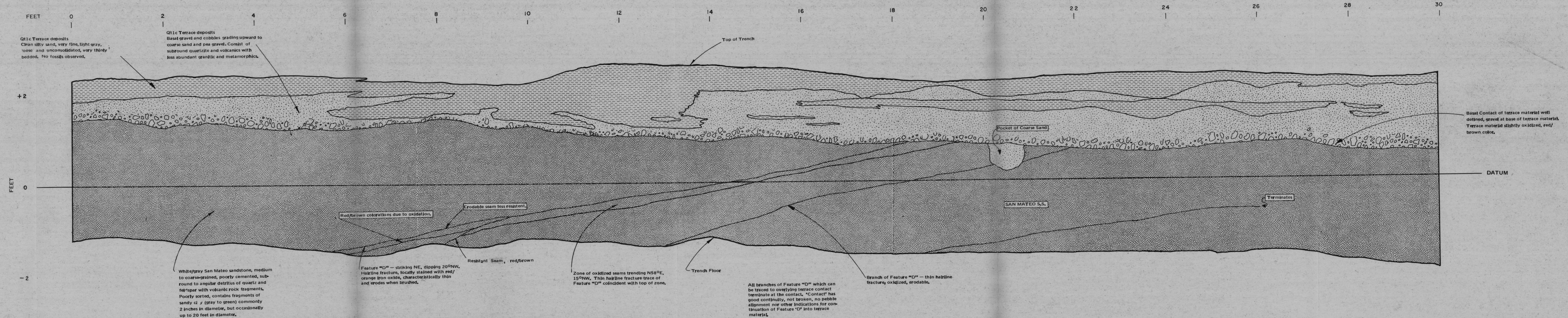
FUGRO, INC.

Long Beach, California



# TRENCH 15

N 5° W EAST FACE



HORIZONTAL AND VERTICAL SCALE  
1 INCH = 1 FOOT

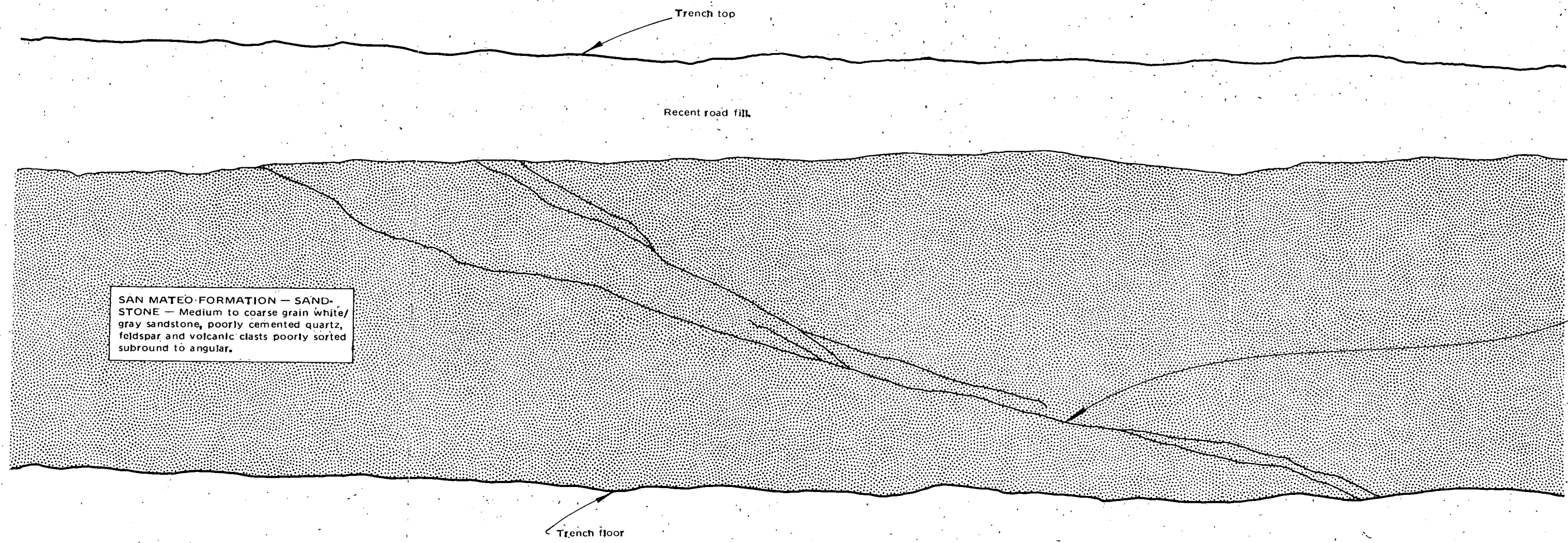
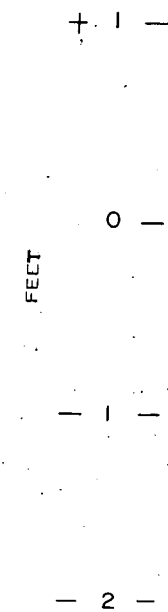
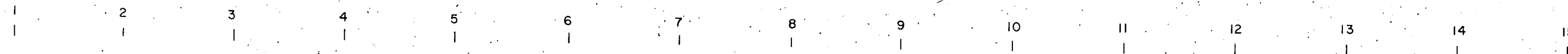
TRENCH LOG 15	Project No.: 74-069-EG
SAN ONOFRE NUCLEAR GENERATING STATION Units 2 and 3	Date: 11-1-74
SOUTHERN CALIFORNIA EDISON COMPANY	COMPILED BY: [Signature]
	CHECKED BY: [Signature]
	APPROVED BY: [Signature]
FUGRO, INC. Long Beach, California	DRAWING NO.: 14



# TRENCH 16

N2°E — WEST FACE

FEET



SAN MATEO FORMATION — SAND-  
STONE — Medium to coarse grain white/  
gray sandstone, poorly cemented quartz,  
feldspar and volcanic clasts poorly sorted  
subround to angular.

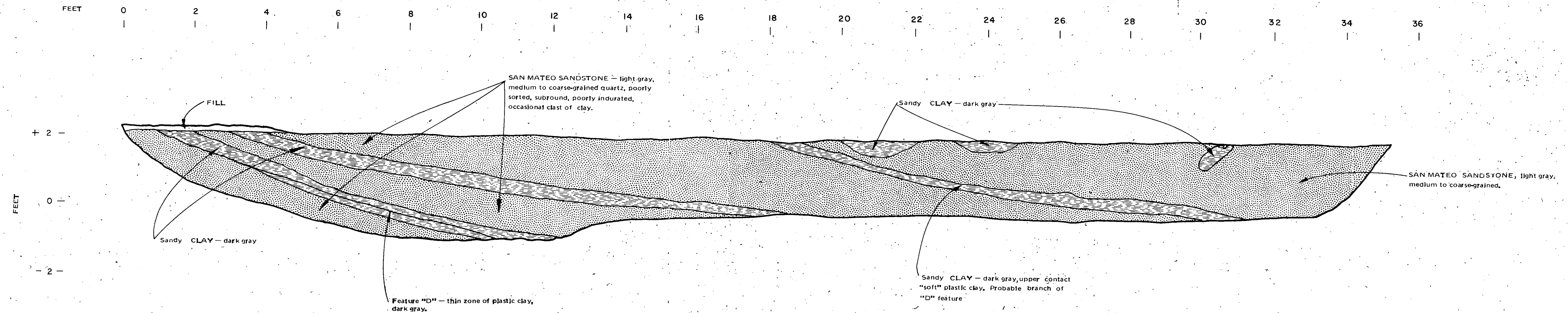
Feature "D" — N 72° E 12° NW  
Low angle seams with red/orange limonite  
stain. Clean break, erodes back when  
brushed. No crushing or grain re-alignment  
observed.

HORIZONTAL AND VERTICAL SCALE  
1 INCH = 1 FOOT

TRENCH LOG 16		Project No. 74-069-EG	
SAN ONOFRE NUCLEAR GENERATING STATION UNITS 2 and 3		Date: 11-1-74	
SOUTHERN CALIFORNIA EDISON COMPANY		COMPILED BY DS	DRAWING NO.
FUGRO, INC. Long Beach, California		PREPARED BY	15
		CHECKED BY	
		APPROVED BY	

# TRENCH 17

N 25° E WEST FACE

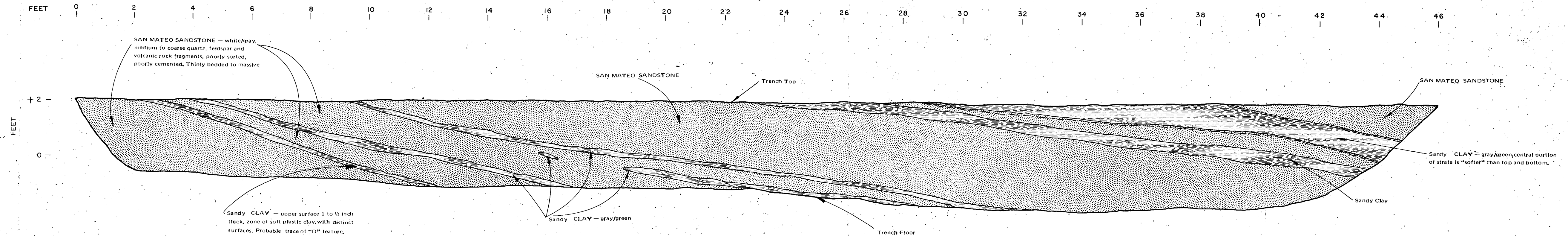


HORIZONTAL AND VERTICAL SCALE  
1 INCH = 2 FEET

TRENCH LOG 17		Project No.: 74-069-EG	
SAN ONOFRE NUCLEAR GENERATING STATION		Date: 11-1-74	
UNITS 2 and 3		COMPILED BY: D.S.	
SOUTHERN CALIFORNIA EDISON COMPANY		PREPARED BY: D.S.	
FUGRO, INC. Long Beach, California		CHECKED BY: D.S.	
		APPROVED BY: D.S.	
		DRAWING NO.: 16	

# TRENCH 18

N 13° W ————— WEST FACE

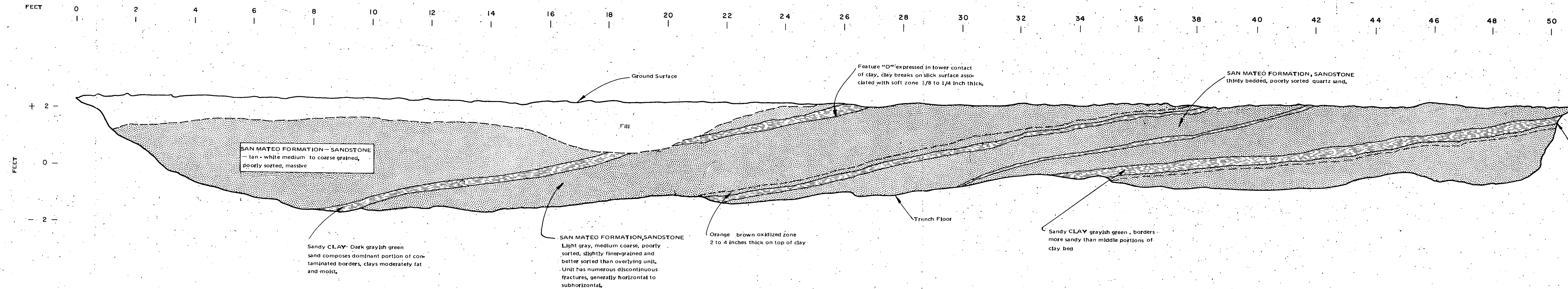


TRENCH LOG 18	Project No.: 74-069-EG
SAN ONOFRE NUCLEAR GENERATING STATION	Date: 11-1-74
UNITS 2 and 3	COMPILED BY: C.S.
SOUTHERN CALIFORNIA EDISON COMPANY	PREPARED BY: C.S.
	CHECKED BY: J.S.
	APPROVED BY: J.S.
FUGRO, INC. Long Beach, California	DRAWING NO.: 17



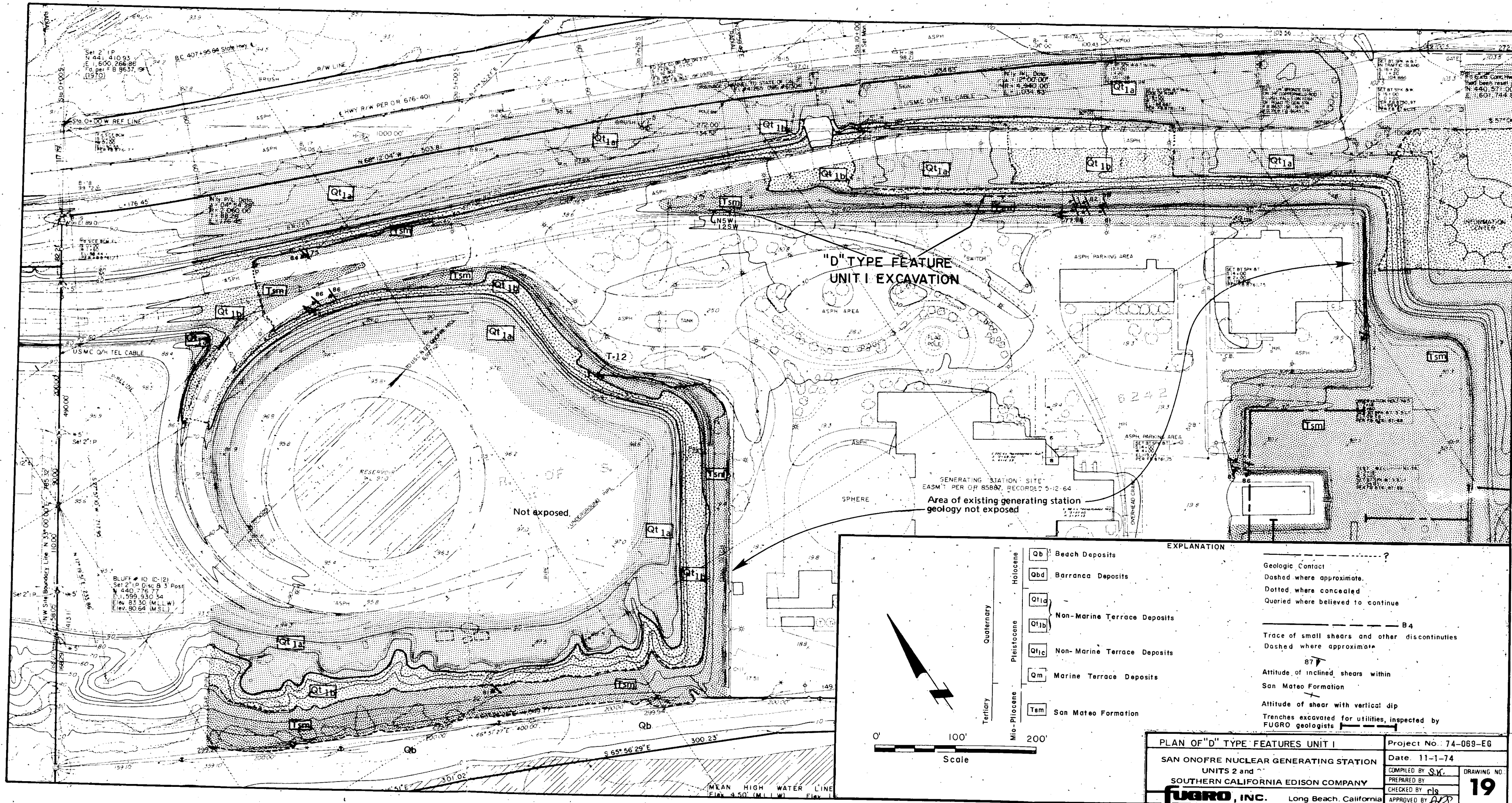
# TRENCH 19

N 13° W EAST FACE



HORIZONTAL AND VERTICAL SCALE  
1 INCH = 2 FEET

TRENCH LOG 19	Project No. 74-069-EG
SAN ONOFRE NUCLEAR GENERATING STATION UNITS 2 and 3 SOUTHERN CALIFORNIA EDISON COMPANY	Date: 11-1-74
COMPILED BY: [Signature]	DRAWING NO. 18
CHECKED BY: [Signature]	APPROVED BY: [Signature]
FUGRO, INC. Long Beach, California	



**EXPLANATION**

Quaternary	Holocene	Qb	Beach Deposits
		Qbd	Barranca Deposits
		Qt1a	Non-Marine Terrace Deposits
		Qt1b	
	Pleistocene	Qt1c	Non-Marine Terrace Deposits
		Qm	Marine Terrace Deposits
Tertiary	Mio-Pliocene	Tsm	San Mateo Formation

0' 100' 200' Scale

Geologic Contact  
Dashed where approximate.  
Dotted where concealed  
Queried where believed to continue

Trace of small shears and other discontinuities  
Dashed where approximate

Attitude of inclined shears within San Mateo Formation

Attitude of shear with vertical dip

Trenches excavated for utilities, inspected by FUGRO geologists

**PLAN OF "D" TYPE FEATURES UNIT I**

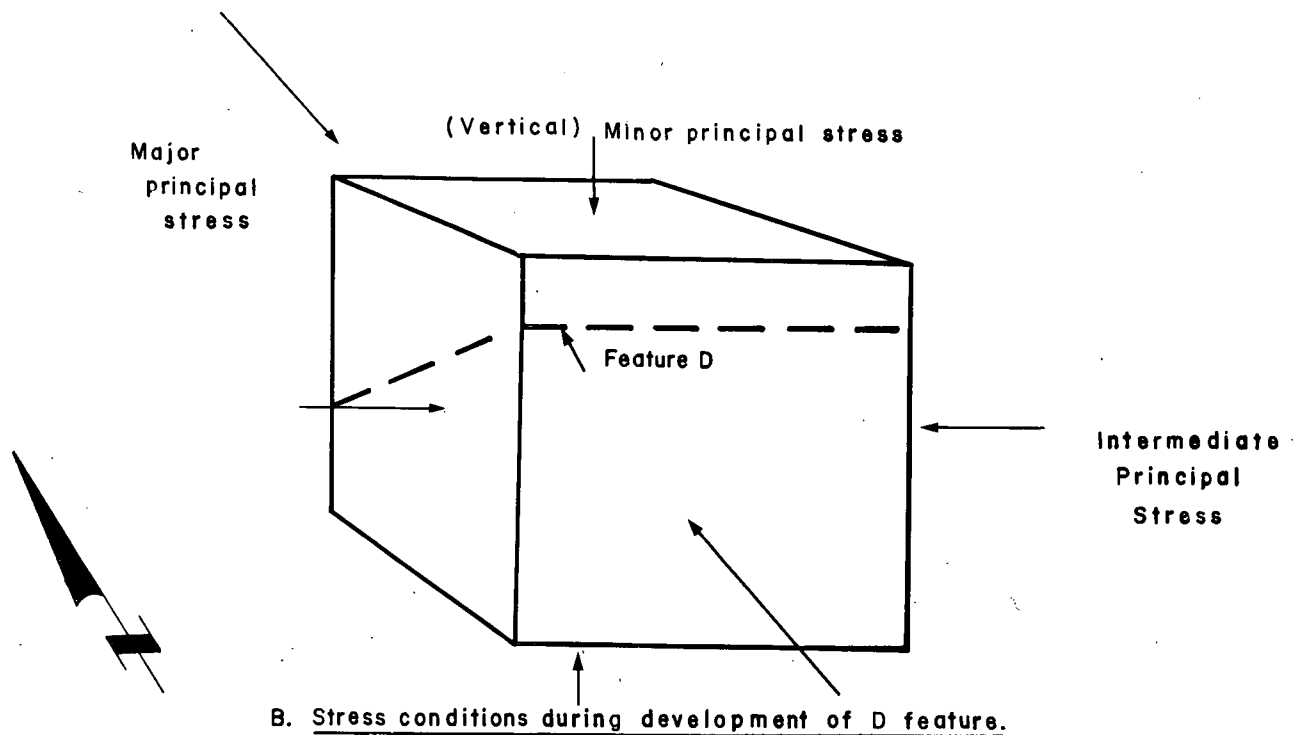
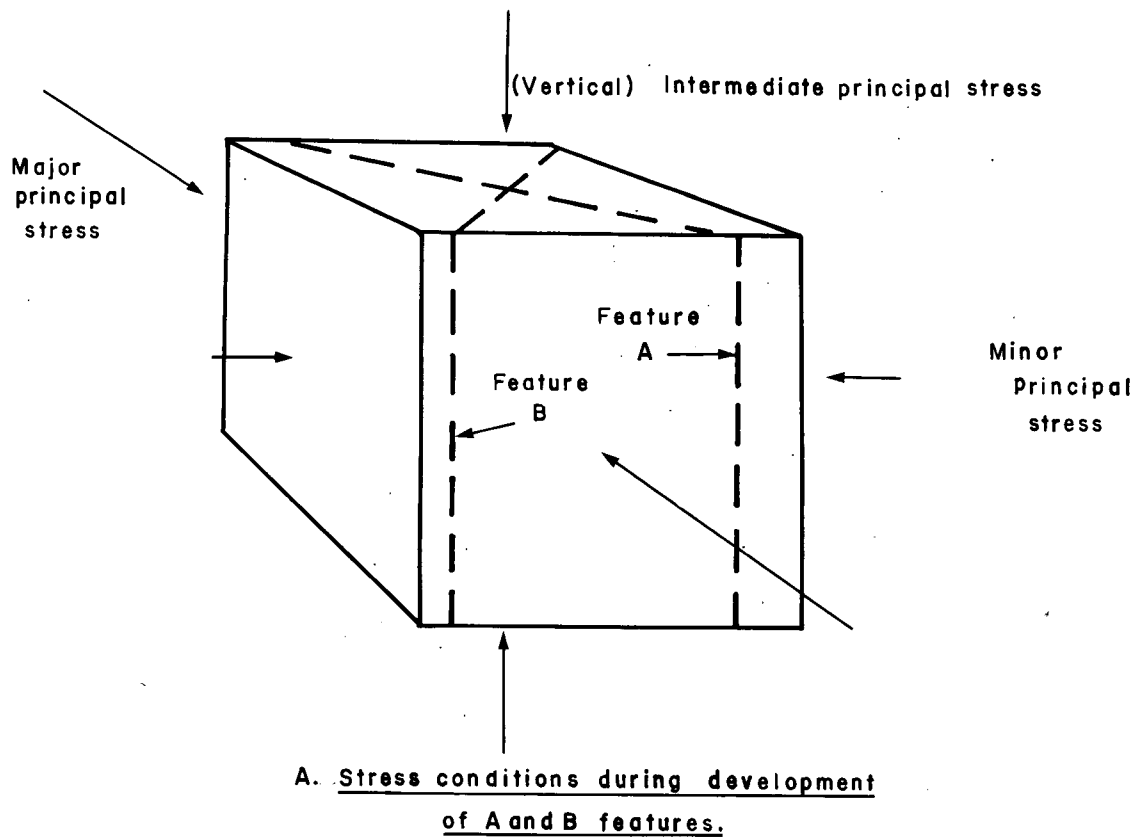
**SAN ONOFRE NUCLEAR GENERATING STATION**  
UNITS 2 and 3

**SOUTHERN CALIFORNIA EDISON COMPANY**

**FUGRO, INC.** Long Beach, California

Project No. 74-089-EG  
Date 11-1-74  
COMPILED BY *SW*  
PREPARED BY *SW*  
CHECKED BY *rls*  
APPROVED BY *rls*

DRAWING NO. **19**



REGIONAL STRESS CONDITIONS		Project No. 74-069-EG	
SAN ONOFRE NUCLEAR GENERATING STATION UNITS 2 and 3		Date: 11-1-74	
SOUTHERN CALIFORNIA EDISON COMPANY		COMPILED BY: <i>RS</i>	DRAWING NO.:
<b>FUGRO, INC.</b> Long Beach, California		PREPARED BY:	<b>20</b>
		CHECKED BY: <i>A/C</i>	
		APPROVED BY: <i>JS</i>	