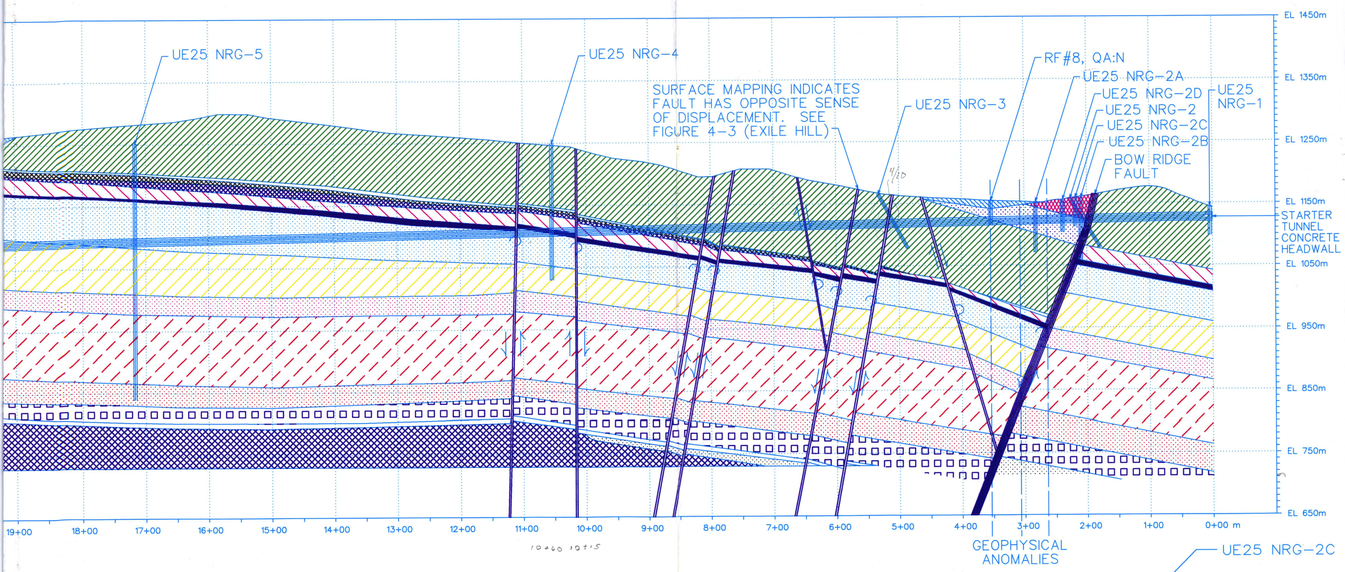
SECTION VIEW



PLAN VIEW

E:172214 N:234089 | E:172519 | N:233784 E:172823 | E:173128 | N:233479 E:173433 | E:173738

STATE PLANE COORDINATES ALONG RAMP ALIGNMENT (m)

BOREHOLE PROJECTIONS
QA:L

Borehole	Projected to Section along Azimuth	Ground Elevation (m)	Distance to Section (m)
UE25 NRG-1	NP	1144.05	0.0
UE25 NRG-2	182°	1157.23	15.20
UE25 NRG-2A	2°	1152.31	30.85
UE25 NRG-2B	182°	1158.67	24.05
UE25 NRG-2C	182°	1158.60	22.34
UE25 NRG-2D	182°	1155.82	28.86
UE25 NRG-3	211°	1165.35	20.20
UE25 NRG-4	211°	1249.62	18.52
UE25 NRG-5	31°	1251.71	68.44
USW NRG-7/7A	0.11°	1282.78	22.05
RF #8	2°	1154.55	86.52
USW SD-9 [3]	84.9°	1302.26	72.60

Note: Boreholes projected into cross section along strike of rock units

NP - Not projected

[3] USW SD-9 Projected approximately down-dip to nearest point on cross section

ference Drwg. SS-M-SK028.DGN and verbal communication om M-K; December, 1993.

0 100 200m
SCALE

SYMBOLS

GROUP	FORMATION	INFORMAL UNITS	THERMO-MECHANICAL UNITS
		Qac: Alluvium	
TIMBER MOUNTAIN TUFF	RAINIER MESA	Tmr: Rainier Mesa Tuff	
		Tmbt1: pre-Rainier Mesa Tuff bedded tuff	UO
	?	Tpki: tuff unit "X"	
		Tpbt5: pre-tuff unit "X" bedded tuff	
	TIVA CANYON	Tpc: Tiva Canyon Tuff	TCw
		Tpbt4: pre-Tiva Canyon Tuff bedded tuff	
	YUCCA MTN.	Tpy: Yucca Mountain Tuff	
		Tpbt3: pre-Yucca Mountain Tuff bedded tuff	PTn
	PAH CANYON	Tpp: Pah Canyon Tuff	
PAINTBRUSH TUFF		Tpbt2: pre-Pah Canyon Tuff bedded tuff	
		Tptrn: Crystal-rich nonlithophysal crystal-rich vitric zone	TSw1
	TOPOPAH SPRING	Tptpul: Upper Lithophysal crystal-rich and crystal-poor parts	
		Tptpmn: Middle Nonlithophysal crystal-poor	
		Tptpll: Lower Lithophysal crystal-poor	TSw2
		Tptpln: Lower Nonlithophysal crystal-poor	
		Tptpv: Vitric vitrophyre and non welded subzones	TSw3
		Tpbt1: pre-Topopah Spring Tuff bedded tuff	
CALICO HILLS		Tacf: Calico Hills lava flow	
		Tacb: Calico Hills bedded tuff	

STRATIGRAPHIC NOMENCLATURE DEVELOPED BY USGS

DRILL HOLE WASH FAULT ZONE, LOCATION AND ATTITUDE UNCERTAIN

BOW RIDGE FAULT ZONE

MINOR FAULT, ? -ATTITUDE UNCERTAIN

PROPOSED NORTH RAMP ALIGNMENT

APPROXIMATE

STRIKE-SLIP SEPARATION INTO PAGE

STRIKE-SLIP SEPARATION OUT OF PAGE

REV. NO.	DATE	BY	VERSION	SUPERCEDES
6	12-30-1994	CEB	QA1.7	QA1.6
6	9-15-1994	CEB	QA1.6	QA1.5
5	4-20-1994	CEB	QA1.5	QA1.4
4	3-28-1994	CEB	QA1.4	QA1.3
3	2-9-1994	CEB	QA1.3	QA1.2
2	2-1-1994	CEB	QA1.2	QA1.1
1	1-19-1994	CEB	QA1.1	QA1

REVISIONS

FOR INFORMATION ONLY

ESF NORTH RAMP
YUCCA MOUNTAIN SITE
CHARACTERIZATION PROJECT
CROSS SECTION ALONG RAMP FROM
0+00 to 28+00.38m (PT)

Sandia National Laboratories

BASE DRAWING: USGS[1] 11-8-93
MODIFICATIONS: CEB 1-3-94
CHECKED BY: MPH/ML

HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

[1] 2-D MODEL OF NORTH RAMP, LETTER FROM R. HAYES (USGS) TO J. RUSSELL DYER (USDOE), NOVEMBER 8, 1993 [QA:N]

J. F. T. AGAPITO & ASSOC., INC.
GRAND JUNCTION, COLORADO, USA

DRAWING NO.: 88-60-09
VERSION: QA1.7
SHEET 1 OF 1

D-01A

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