E559000 E560000 E562500 E565000 E567500 E569000

N780250 N777500 N775000 N772500 N770000 N767500 Feet

E559000 Feet E560000 E562500 E565000 E567500 E569000

1 LD
2 TM T
3 BS T
4 BS, T
5 T, BIS
6 T
7 V, LD, T LD
8 T LD
9 T LD
10 LD (L?)
11 LD TM
12 T LD
13 LD (L?)
14 T LD
15 TS BS T
16 T, BS
17 T
18 T
19 TS T, BS
20 LD, T T, BS
21 T, LD
22 LD LD T
23 LD, V
24 T, LD
25 T D DM U T D DM U BS, T
26 T, LD
27 T LD T, BIS, LD
28 BS T LD V T, BIS LD BS, T
29 LD, BIS
30 V DM D U BIS LD
31 T, BIS
32 LD TS, BS T
33 T
34 T
11/15 AS, LD
16/3 T
16/4 T
16/47 LD, V, AS, T

EXPLANATION

Lineament trace

(27) Lineament trace identification number; see Appendix B

GEOMORPHIC / VEGETATIVE FEATURES

- **AS** Alluvial scarp
- **BIS** Break-in-slope
- **BS** Bedrock scarp
- **LD** Linear drainage
- **T** Tonal contrast
- **TS** Topographic saddle
- **V** Vegetative contrast / Alignment of vegetation

GEOLOGIC FEATURES

- **DM** Displaced lithologic marker horizon (U = up; D = down; arrows indicate sense of movement)
- **TM** Terminated lithologic marker horizon

FEATURES OF UNCERTAIN ORIGIN

- **L?** Possible nontectonic lithologic contact
- **C?** Possible cultural feature

N

0 1000 Feet
0 200 Meters

Scale 1 : 6000
Contour interval 10 feet

NEVADA

Yucca Mountain Site Location

10	11
16	17

Base Map Sheets

Notes

Base map produced for the U.S. Department of Energy by EG&G Energy Measurements, Inc.

Ground control provided by Holmes and Narver, 1990 survey.

Polyconic Projection, 2,500-foot grid ticks: Nevada coordinate system, central zone, 1927 North American datum

Plate 3

Lineaments Identified in the Midway Valley Area Sheet 10

Sandia National Laboratories and Geomatrix Consultants, Inc.

SAND91-0607

March, 1992

D-03