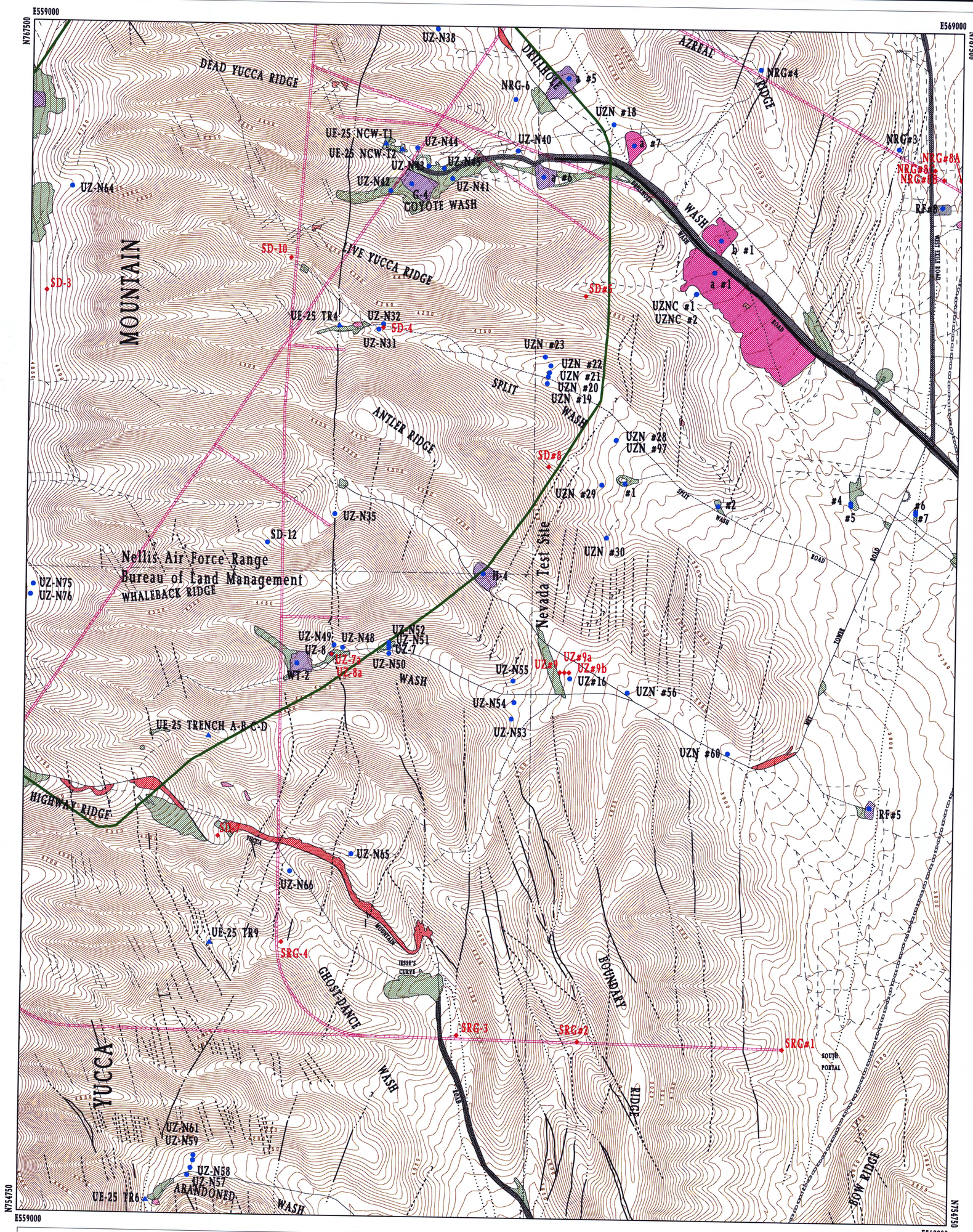

1:6,000-scale orthophoto sheet index

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

Existing borehole locations processed by EG&G/EM from data provided by TMP Participants. Borehole information current as of March, 1994. Existing boreholes located on the NTS are designated UZ. Boreholes outside the NTS are designated USW. Planned borehole locations are provided by M&O/Woodward-Clyde Federal Services and are preliminary at this time. Existing and planned trench locations processed by EG&G/EM from data provided by TMP participants. Polygons representing disturbance features were photo interpretted and digitized by EG&G/EM from 1:6,000 scale orthophotographic mission, July 1990. Potential Repository Outline processed by EG&G/EM from Title 1 Design Summary Report for the Exploratory Studies Facility. Conceptual Controlled Area Boundary processed by EG&G/EM from Sandia National Laboratories product number CA6104A. ESF Repository Interface Option 30 was processed by EG&G/EM from a preliminary drawing provided by DOE. Yucca Mountain Faults processed by EG&G/EM from USGS Open-File Report 84-494 Preliminary geologic map of Yucca Mountain with sections, Nye County, Nevada. Topographic contours obtained from 1:6,000 scale orthophotographic mission. Contour interval is 10 feet. Road features obtained from 1:6,000 scale orthophoto mission. Photo interpretation completed by EG&G/EM 1991. Projection is Transverse Mercator with corner coordinates based on Nevada State Plane Coordinate System, Central Zone. Map compiled April 5 1994 by EG&G/EM Remote Sensing Laboratory. In accordance with AP-5.1Q Para 5.2.2,the data on this map are "PRELIMINARY INFORMATION ONLY" and cannot be used for licensing activities until the conditions in AP-5.1Q have been satisfied.

Scale 1:6,000

MILES: .25 .125 0 .125 .25

KILOMETERS: .5 .25 0 .25 .5

- Existing Borehole
- Planned Borehole
- Existing Trench
- Planned Trench
- ? Queried Where Location Uncertain
- Potential Repository Outline
- Controlled Area Boundary
- TWIEZ
- ESF Ramps
- Class 3: Two-lane Paved Road
- Class 4: Unpaved, Improved Road
- Class 5: Trail
- Fault
- Inferred Fault
- Concealed Fault
- Scarp
- Dike Intruded Along Fault
- Faults That Cut Alluvium
- Aeromagnetic Fault
- Inferred Fault Cutting Alluvium
- Fracture
- Track
- Disturbance Associated with Road
- Building
- Drill Pad
- Parking Area
- Other Cleared Area
- Spoil Pile
- Pond
- Geologic Pavement
- Right-of-way for Road
- Disturbed Area Associated with Road
- Electrical Substation
- Culvert/Ditch
- Trench
- Materials Storage Area

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YUCCA MOUNTAIN
SITE CHARACTERIZATION PROJECT

SURFACE-BASED TESTING ACTIVITIES WITH GEOLOGIC STRUCTURE MAP SHEET 16

EG&G

YMP-94-026.3

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