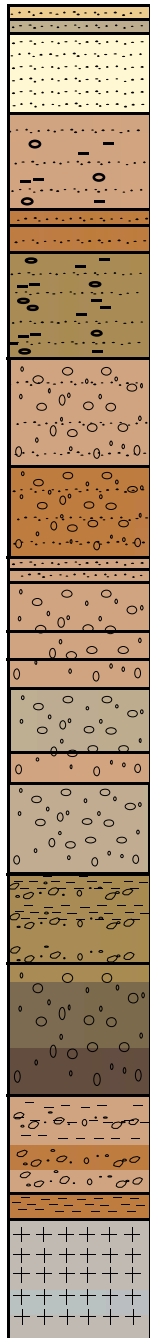


LAND
SURFACE

100'

200'

T.D. 289.6'



- 0- 5'** SAND: fine, grayish orange (10YR 7/4).
- 5'- 10'** GRAVELLY SAND: fine gravel, fine to medium sand, pale yellowish brown (10YR 6/2).
- 10'- 25'** SILTY GRAVELLY SAND: fine gravel, fine to medium sand, some cobbles, very pale orange (10YR 8/2) to pale yellowish brown (10YR 6/2).
- 25'- 45'** SAND: trace silt and gravel, fine sand, light brown (5YR 6/4-5/6).
- 45'- 50'** GRAVELLY SAND: fine gravel, well graded sand, light brown (5YR 6/4-5/6).
- 50'- 60'** SILTY SAND: trace fine gravel, fine sand, light brown (5YR 5/6).
- 60'- 85'** SAND: trace-some fine gravel, trace silt, fine sand, moderate yellowish brown (10YR 5/4) to light brown (5YR 6/4).
- 85'- 105'** GRAVELLY SAND: fine gravel with caliche rind, well graded sand, trace silt, light brown (5YR 6/4-5/6).
- 105'- 120'** GRAVELLY SAND: fine gravel, fine to medium sand, some silt, light brown (5YR 5/6).
- 120'- 125'** SANDY GRAVEL: well graded sand, trace clay, fine gravel, light brown (5YR 6/4).
- 125'- 130'** SILTY SAND: some fine gravel, fine sand, light brown (5YR 6/4).
- 130'- 135'** GRAVELLY SAND: coarse gravel and cobbles, fine sand, some silt, light brown (5YR 6/4).
- 135'- 145'** SANDY GRAVEL: coarse sand & gravel, some clay, low plasticity, light brown (5YR 6/4).
- 145'- 155'** GRAVELLY SAND: fine gravel, some cobbles, trace silt, well graded sand, light brown (5YR 6/4).
- 155'- 165'** SANDY GRAVEL: coarse sand, fine gravel, some clay, light brown (5YR 6/4).
- 165'- 175'** GRAVELLY SAND: fine gravel, coarse sand, trace clay, pale yellowish brown (10YR 6/2).
- 175'- 190'** SANDY GRAVEL: well graded sand, fine gravel, trace clay, pale yellowish brown (10YR 6/2) to light brown (5YR 6/4).
- 190'- 220'** CLAYEY SAND & GRAVEL: fine gravel, some cobbles, coarse sand, low-medium plasticity, moderate yellowish brown (10YR 5/4).
- 220'- 245'** SANDY GRAVEL: coarse sand, fine gravel, clayey below 235' medium plasticity, moderate yellowish brown (10YR 5/4) to grayish red (10R 4/2) - grayish brown (5YR 3/2).
- 245'- 260'** SANDY & GRAVELLY CLAY: coarse gravel, medium plasticity, light brown (5YR 6/4-5/6). Reworked tuff?
- 260'- 275'** CLAYEY SAND & GRAVEL: coarse sand, fine gravel, low-medium plasticity, light brown (5YR 6/4-5/6). Reworked tuff?
- 275- T.D.** TUFF: partially welded, clayey fractures or alteration, crystal rich, bronze biotite. Mafics increasing with depth, hard, very light gray (N8) to pinkish gray (5YR 8/1). Becoming orange with depth.

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|---|----------------|
| Nye County, Nevada | |
| Nuclear Waste Repository Project Office | |
| Early Warning Drilling Program | |
| NC-EWDP- 15P | |
| Summary Lithologic Log | |
| Date: 02/00 | Geologist: KDD |
| Not to scale | Drawn By: WJS |