

LAND SURFACE

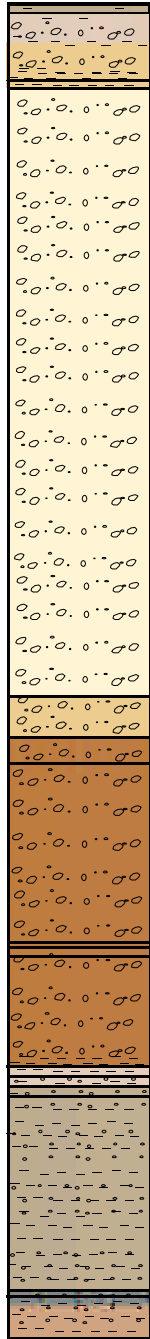
100'

200'

300'

400'

T.D. 499.7'



0- 5' SILTY SAND: fine grained, pale yellowish brown (10YR 6/2).
 5'- 20' GRAVELLY SAND & SANDY GRAVEL: coarse gravel, coarse sand, grayish orange pink (5YR 7/2) to very pale orange (10YR 7/4).
 20'- 25' SILTY SAND: fine sand, fine gravel, very pale orange (10YR 7/4).

255'- 255' GRAVELLY SAND: fine gravel, coarse to medium sand, very pale orange (10YR 8/2) to light brown (5YR 5/6).

NOTE: basalt at 48 ft. boulder ?
 NOTE: strong reaction to 10% HCl from 0-55'.

255'- 275' GRAVELLY SAND: with some clay, grayish orange (10YR 7/4).

275'- 285' GRAVELLY SAND: fine gravel, light brown (5YR 5/6).

285'- 350' GRAVELLY SAND: with some clay, predominately fine gravel, light brown (5YR 5/6).

350'- 355' SANDY GRAVELLY CLAY: fine to medium sand, light brown (5YR 5/6).

355'- 365' GRAVELLY SAND: fine gravel, coarse sand, light brown (5YR 5/6).

365'- 390' GRAVELLY SAND: with some clay, coarse sand, predominately fine gravel, light brown (5YR 5/6).

390'- 400' SANDY CLAY: predominately coarse sand, fine gravel, medium to high plasticity, calcareous nodules, yellowish gray (5Y 7/2) to pale yellowish brown (10YR 6/2).

400'- 410' CLAY: high plasticity, calcareous nodules, yellowish gray (5Y 7/2) to pale yellowish brown (10YR 6/2).

410'- 420' CLAY & SANDY CLAY: high plasticity, pale yellowish brown (10YR 6/2).

420'- 480' SANDY CLAY: fine sand, medium plasticity, pale yellowish brown (10YR 6/2). Trace gravel.

480'- 485' SAND: fine, light brownish gray (5YR 6/1).

485'- T.D. CLAYEY SAND-SANDY CLAY: fine sand, low to medium plasticity, light brown (5YR 6/4).

Nye County, Nevada	
Nuclear Waste Repository Project Office	
Early Warning Drilling Program	
NC-EWDP- 4PA	
Summary Lithologic Log	
Date: 01/00	Geologist: KDD
Not to scale	Drawn By: WJS