

Land surface

100 ft

200 ft

300 ft

400 ft

500 ft

550 ft (TD)

0-110' Valley-fill Deposits - 0-20 silty sand, some gravel and clay, pale orange (10YR 8/2); 20-35' silty gravelly and, mg -cg angular sand, fg gravel, v. pale orange (10YR 8/2); 35-60' silty gravelly sand, cg angular sand, fg angular gravel, gray-orange (10YR 7/4); 60-110' sandy gravel, cg angular sand, fg angular-subangular gravel; boulder 106-109', welded tuff, gray orange pink (10R 5/2).

110-298' Tertiary Volcanics- 110-293' bedded tuff or tuffaceous sandstone, vfg vitric, weakly cemented, yellowish gray, (5Y 7/2-8/1), becomes better cemented beyond 160', some sandy plastic clay beds beyond 200', color changes to gray-orange (10YR 6/4) beyond 230', limonitic and siliceous cement layers and nodules beyond 245', 282-293' yellow gray (5Y 8/1 8/6 7/4). 293-295' no sample; 295-298' Tuff, pale reddish-brown (10 5/4-3/4), up to 20% bio/fsp/qtz phenos, poss. gravels

298-346' Tertiary Sedimentary rocks- 298-346' siltstones, lacustrine, dk. gray (N4), calcareous; 300-320 no sample; 325-345 no sample

346-530' Tertiary Volcanics- 346-530' tuff, ash fall or reworked, light-med. gray (N3-N6), up to 5% bio, up to 5% qtz; 395-405' dark gray (N3) calcareous siltstone, 460-465' & 490-495' 10% porphyritic lithic clasts, orange-pink (10R 8/2), 475-480, color becomes pinkish gray (5YR 7/1)

530-550' Tertiary Sedimentary rocks - 530-545' Siltstone, dark gray (N4), clay beds, calcareous; 545-550' Sandstone, fg-mg, med. gray (N5), w/ calcareous clay (white N9)

NC-EWDP-3S

SUMMARY LITHOLOGIC LOG