TE - 96
1500-12-68

SOIL PROFILE

CUYAHOGA COUNTY
CUY – 480 – 19.43

OHIO STATE HIGHWAY TESTING LABORATORY
1620 W. BROAD ST. COLUMBUS, OHIO 43223

9 / 22

9 / 11

Proposed E. 98th St.

(Sta. 66+00 – ℄, Ramp 98-W) 83' Lt. TS=0.5'

20' Rt.

27' Lt.

(Sta. 10+00 – ℄, Proposed Frontage Road A) ℄ TS=0.5

Proposed grade, 1R80

Top of Rock

Refusal

Shale, dark-gray, clayey with several clay stringers, weathered at top to elevation 884.3'. Core loss 3%.

Shale, light-gray, sandy, hard. Core loss 16%.

Sandstone, light-gray, medium-grained, shaly-in-part to massive at the bottom. Core loss 12%

Shale, dark-gray, grayish-brown, (clay stringers at elevations 875.3' and 872.3'), silty, hard. Core loss 10%

Shale, gray, sandy, hard, thin-brown bedding streaks at elevation 856.8'. Core loss 6%

Sandstone, light-gray, medium-grained, thin-bedded to massive toward bottom, hard. Core loss 9%

Ramp 98–W

68' Rt. TS=0.5'

(Sta. 62+00 – ℄, Ramp E-98) 183' Rt.

Top of Rock

Refusal

Shale, black, medium-firm to firm, argillaceous, pyritiferous, carbonaceous, slightly fissile, thin-bedded, jointed, interbedded with thin clay seams. Core loss 2%

Sta. 17+80 – 20' Rt., Proposed E. 98th St.) 62' Lt. TS=0.5'

46' Rt.

℄ TS=0.5

Top of Rock

Refusal

Shale, dark-gray, clayey with several clay stringers, weathered at top at elevation 884.3'. Core loss 3%

Shale, light-gray, sandy, hard. Core loss 16%

Sandstone, light-gray, medium-grained, shaly-in-part to massive at the bottom. Core loss 12%

Ramp E–98

℄, Proposed E. 98th St.

24' Lt. TS=0.5'

22' Lt. TS=0.5'

Top of Rock

Refusal

Shale, black, medium-firm to firm, argillaceous, pyritiferous, carbonaceous, slightly fissile, thin-bedded, jointed, interbedded with thin clay seams. Core loss 2%.

Ramp 98–E

(Sta. 21+18 – 27' Lt. Proposed E. 98th St.) 53' Lt.

Top of Rock

Refusal

Shale, dark-gray, grayish-brown, (clay stringers at elevations 875.3' and 872.3') silty, hard. Core loss 10%

Shale, gray, sandy, hard, thin brown bedding streaks at elevation 856.8'. Core loss 6%

Sandstone, light-gray, medium-grained, thin-bedded to massive toward bottom, hard. Core loss 9%

(Sta. 54+00 – ℄, Ramp W-98) 74' Lt. TS=0.5'

℄

Refusal

(Sta. 1053+00-40' Rt., Proposed 1R80) 92' Lt. TS=0.5'

Refusal