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FORM 3C
SOIL PERMEABILITY CLASS RATING DATA

1. Test Number _____ Replicate (Letter) _____

2. Sample Depth, inches _____ Soil Pit/Boring Number _____ Date Collected ____/____/____

3. Coarse Fragment Content: Total Weight of Sample, W.T., grams _____
Weight of Material Retained on 2mm sieve, W.C.F., grams_____
Wt. % Coarse Fragment (W.C.F./W.T. x 100): _____

4.Oven Dry Weight (24 hrs., 105°C) of 40 Gram Air Dry Sample, grams, Wt _____

5. Hydrometer Calibration, Rc_____

6.Hydrometer Reading—40 seconds, grams, R1_____ Temperature of Suspension, °F_____

7. Corrected Hydrometer Reading, grams, R1' _____

8. Hydrometer Reading—2 hours, grams, R2_____ Temperature of Suspension, °F_____

9. Corrected Hydrometer Reading, grams, R2'_____

10. % sand = (Wt. - R1')/Wt. x 100 = (____ - ____) / ____ x 100 = _____

11. % clay = R2'/Wt. x 100 = ____/____ x 100 = _____

12. Sieve Analysis:
a. Oven Dry Wt. (2 hours, 105°C)
    Total Sand Fraction (Soil Retained in 0.045 mm Sieve), grams _____

b. Wt. of Fine Plus Very Fine Sand Fraction (Sand Passing 0.25 mm Sieve), grams_____

c. % Fine Plus Very Fine Sand (b/a)_____

13. Soil Morphology (Natural Soil Samples Only):

Structure of Soil Horizon Tested_____

Consistence of Soil Horizon Tested: Dry ☐   Moist ☐

14. Soil Permeability Class Rating
(Based upon average textural analysis of this replicate andother replicate samples)_____

15. I hereby certify that the information furnished on Form 3c of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator_____ Date ____/____/_____

Signature of Professional Engineer _____ License # _____