ERRATA for
PE Civil: *Geotechnical Practice Exam*
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Revisions are shown in red.
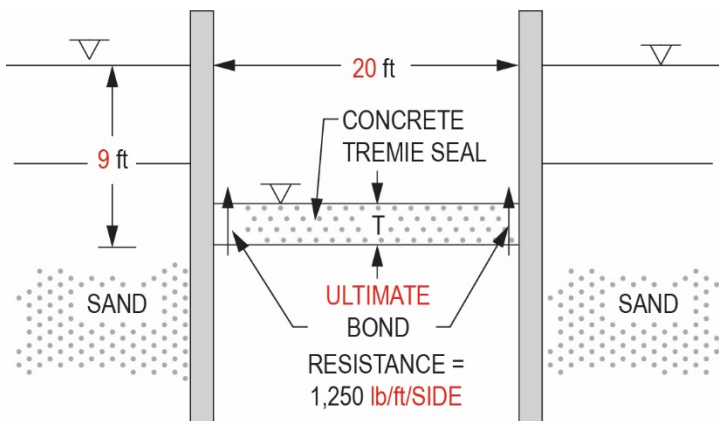
Question 4, p. 5:

C. Soft to medium stiff clay layers are encountered over wet sand.

Question 8, p. 8:

Engineering Parameter		In Situ Test Method
Bearing capacity		Borehole slug test
Shear wave velocity		Plate load test
Soil permeability		Pressuremeter test
Soil stratigraphy and estimate of soil type		Seismic cone penetrometer
Stress-strain modulus		Field torvane test
Undrained shear strength		SPT boring

Question 59, p. 47:

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Solution 8, p. 74:

Engineering Parameter	In Situ Test Method
Bearing capacity	Plate load test
Shear wave velocity	Seismic cone penetrometer
Soil permeability	Borehole slug test
Soil stratigraphy and estimate of soil type	SPT boring
Stress-strain modulus	Pressuremeter test
Undrained shear strength	Field torvane test

Solution 58, p. 92:

Driving Force

$\mathbf{F}_2 = \quad 0$ (consider dead loads only)

$\mathbf{F}_D = \mathbf{F}_1 + \mathbf{F}_2 = 1{,}120 \text{ lb} + 0 \text{ lb}$

Resisting Forces

$$\text{FS} \;=\; \frac{\mathbf{F}_R}{\mathbf{F}_D} = \frac{577.4\ L}{1{,}120} = 2.0$$