


NOTES:

- Borings drilled on date indicated
- Water level measured on date of drilling
- P Hand cone penetrometer readings
- Penetrometer Readings (P) less than 15 are not adequately compacted

Correlation Between Hand Cone Penetrometer Readings & Compactness			
FINE SAND		CLAY	
Dial Reading (× 10 ⁻³ inches)	Relative Compactness	Dial Reading (× 10 ⁻³ inches)	Consistency
< 6	Very Loose	0 to 1	Very soft
6 to 11	Loose	1 to 2	Soft
11 to 20	Medium	2 to 4	Medium
20 to 30	Dense	4 to 6	Stiff
> 30	Very Dense	6 to 11	Very Stiff
		> 11	Hard



CONSULTING GEOTECHNICAL ENGINEERS

5500 Alhambra Drive, Orlando, Florida 32808
Phone: (407) 290-2371, Fax: (407) 298-9011
E-Mail address: devo@devoeng.com
Website: http://www.devoeng.com

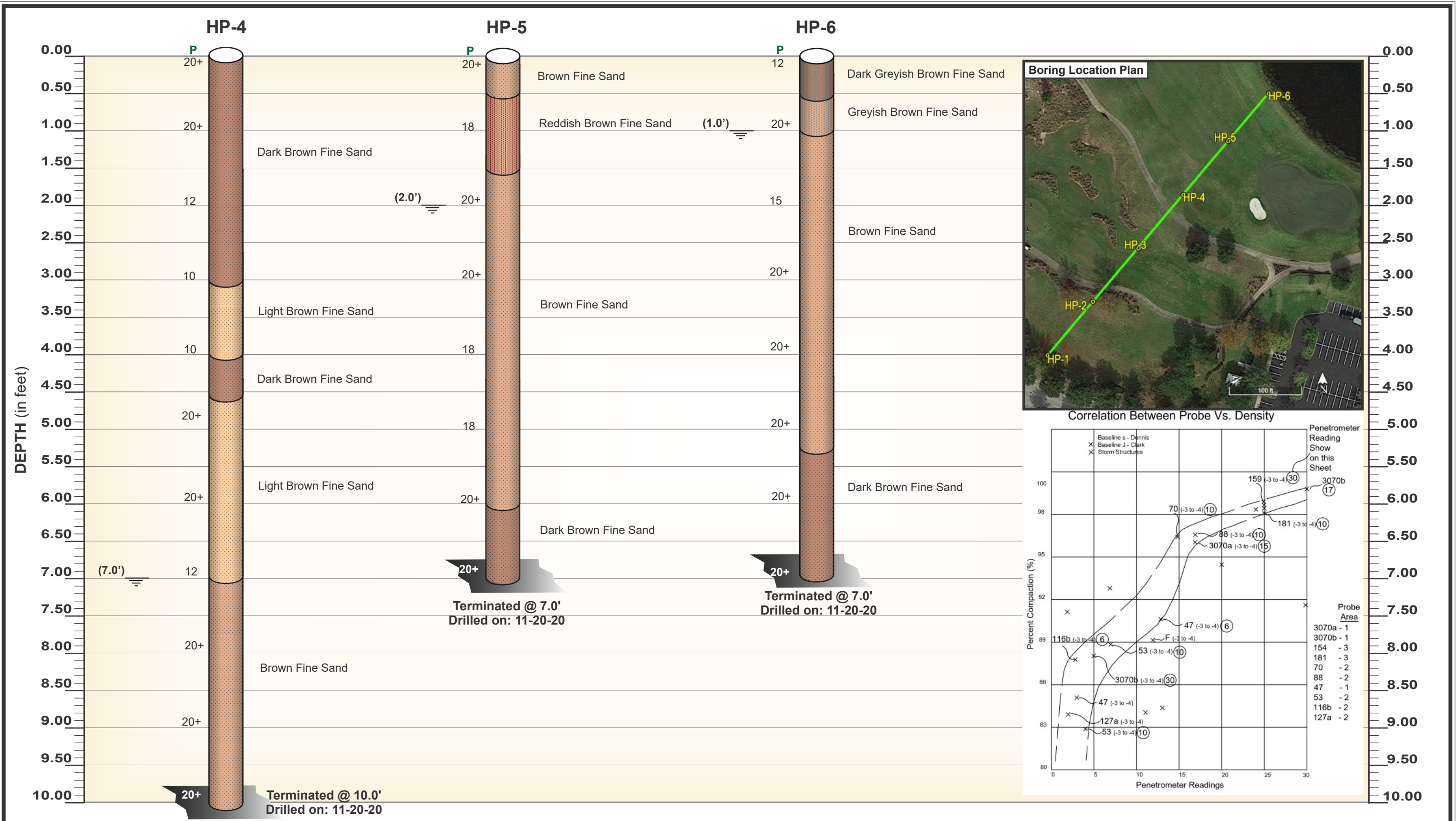
Figure Name:

SOIL PROFILES FOR HP-1 to HP-3

Project Name:

HARMONY

Scale: **Noted** Project # **Not Assigned** Figure **3.1**



NOTES:

- Borings drilled on date indicated
- Water level measured on date of drilling
- P Hand cone penetrometer readings
- Penetrometer Readings (P) less than 15 are not adequately compacted

Correlation Between Hand Cone Penetrometer Readings & Compactness			
FINE SAND		CLAY	
Dial Reading (× 10 ⁻³ inches)	Relative Compactness	Dial Reading (× 10 ⁻³ inches)	Consistency
< 6	Very Loose	0 to 1	Very soft
6 to 11	Loose	1 to 2	Soft
11 to 20	Medium	2 to 4	Medium
20 to 30	Dense	4 to 6	Stiff
> 30	Very Dense	6 to 11	Very Stiff
		> 11	Hard

CONSULTING GEOTECHNICAL ENGINEERS

5500 Alhambra Drive, Orlando, Florida 32808
Phone: (407) 290-2371, Fax: (407) 298-9011
E-Mail address: devo@devoeng.com
Website: http://www.devoeng.com

Figure Name:

**SOIL PROFILES FOR
HP-4 to HP-6**

Project Name:

HARMONY

Scale: **Noted** Project # **Not Assigned** Figure **3.2**