



LEGEND

- ① TOPSOIL
- ② Gray, white and brown SAND and SAND with silt (SP/SP-SM)
- ③ Gray and brown SAND with silt and silty SAND (SP-SM/SM)
- ④ Gray and brown clayey SAND (SC)
- ⑤ Black SAND with silt and silty SAND, weakly cemented (SP-SM/SM) (HARDPAN)
- ⑥ Black SAND with silt, weakly cemented (SP-SM) (HARDPAN)
- ⑦ Gray shelly SAND (SP) contain many shell fragments and some limestone pieces.

- 200 - Amount passing U.S. Standard No. 200 Sieve (%)
- MC - Moisture Content (%)
- LL - Liquid Limit
- PI - Plasticity Index
- NP - Non Plastic
- SP - Unified Soil Classification System Group Symbol (ASTM D 2487)
- TB-9 - Standard Penetration Test (SPT) boring and number
- 9.7' 6-08-06 - Depth of groundwater (feet) & date measured

- N - Indicates the number of blows of a 140 pound hammer, freely falling a distance of 30 inches, required to drive a 2-inch diameter sampler 12 inches (ASTM D 1586)
- NOTES**
- (1) Borings were drilled on June 8, 2006 using a Central Mine Equipment Model 55 (CME 55) drilling rig.
 - (2) Strata boundaries are approximate and represent soil strata at each test hole location only. Soil transitions may be more gradual than implied.
 - (3) Groundwater depths shown on the subsurface profiles represent groundwater surfaces on the dates shown. Groundwater level fluctuations should be anticipated throughout the year.

DRAWN	GD
CHECKED	MB
APPROVED	CLM
SCALE	AS SHOWN
REVISED	

MASTARM BORING SUBSURFACE PROFILES
FLORESTA DRIVE WIDENING
SOUTHBEND BRIDGE TO ELKAM WATERWAY
PORT ST. LUCIE, FLORIDA

DEI **DUNKELBERGER ENGINEERING & TESTING, INC.**
Geotechnical Materials Testing/Inspection Environmental

DATE	1-21-08	PROJ. NO.	06-11-2197	SHEET	5D
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