



## Laboratory Maximum Wet Density (CTM 216)

CTL Job No.: _____	Boring: <u>HA-11-004</u>	Date: <u>5/31/2011</u>
Client: _____	Sample: _____	Tested: <u>PJ</u>
Project Name: _____	Depth (ft.): <u>0-5'</u>	Checked: <u>DC</u>
Project No: _____	<b>Visual Description:</b> Dark Brown Clayey SAND near Sandy CLAY	

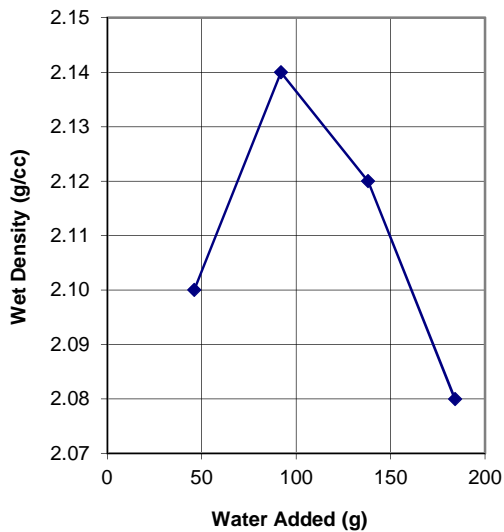
### Test Results

Maximum Wet Density (g/cc):	2.14	Remarks:
Maximum Dry Density (g/cc):	1.98	
Maximum Wet Density (pcf):	133.6	
Maximum Dry Density (pcf):	123.7	

### Test Data

Point Number:	1	2	3	4	5	6
Initial Wet Weight of Soil (g):	2300	2300	2300	2300		
Water Added (mL):	138	184	92	46		
Tamper Reading:	10.3	10.5	10.2	10.4		
Wet Density (g/cc):	2.12	2.08	2.14	2.10		
Dry Density (g/cc):	1.92	1.84	1.98	1.98		
Dish Number:						
Weight of Dish (g):	111.9	106.9	196.6	201.3		
Wet Weight of Soil and Dish (g):	785.7	628.7	854.4	803.4		
Dry Weight of Soil and Dish (g):	723.6	568.0	805.5	769.0		
Moisture Content, %:	10.2	13.2	8.0	6.1		
Wet Density, pcf:	132.3	129.8	133.6	131.1		
Dry Density, pcf:	120.1	114.7	123.7	123.6		

**Wet Density vs Water Added (g)**



**Wet Density vs Moisture Content (%)**

