



**Specific Gravity by Pycnometer**  
ASTM D 854

CTL Job#:	Project Name:	Date:
Client:	Project No.:	Run By: MD
		Checked DC

Boring:	JAC1-041014	JAC2-041014	KS14OS-7	KS14OS-31	KS14OS-36C			
Sample:								
Depth, ft.:								
Pan No.:								
Soil Description (visual)	Dark Olive Brown Sandy CLAY	Dark Olive Gray Clayey SAND	Dark Gray Silty, Clayey SAND	Gray Silty, Clayey SAND w/ Gravel	Dark Gray Silty SAND			
Pycnometer ID:	P02	P03	P04	P05	P02			
Mass of Clean, Dry Pycnometer (g):	158.10	158.94	158.80	155.03	158.10			
Mass of Pycnometer, Soil, and Water (g):	721.22	724.85	731.72	716.61	747.35			
Temperature of Slurry (°C):	20.1	20.1	20.1	20.1	19.0			
Tare ID:								
Mass of Tare (g):	233.08	233.81	229.49	227.44	226.51			
Mass of Dry Soil and Tare (g):	334.85	339.72	346.46	326.47	369.24			
Mass of Dry Soil (g):	101.77	105.91	116.97	99.03	142.73			
Mass of Pycnometer and Water at Test Temp (g):	656.45	657.29	657.02	653.47	656.56			
Specific Gravity @ Test Temp:	2.751	2.762	2.767	2.760	2.748			
Specific Gravity @ 20 °C:	<b>2.751</b>	<b>2.762</b>	<b>2.767</b>	<b>2.760</b>	<b>2.749</b>			