

**Specific Gravity of Soils (ASTM D854)**  
**Project: BYU (Dr. Youd)**  
**Project Number: WLA**



Drill hole / Sample:	WLA	GVDA	WLA	WLA	GV	
Sample No:	D2	D2	D1	D2	D1	
Depth (ft)	5	15.5-18	2.5-4	22-24.5	12.5-15.5	
Flask No.	7	8	1	5	6	
Wt. flask + water + soil, $W_1$ (g)	713.83	718.61	694.48	685.56	722.94	
Temp, T (deg C)	22.5	22.5	22.5	22.5	22.5	
Wt. flask + water, $W_2$ (g)	682.86	687.42	660.66	657.68	684.5	
Wt. dish + dry soil, $W_s$ (g)	588.1	496.08	516.7	489.74	525.55	
Wt. dish (g)	539.22	446.79	464.14	446.61	464.72	
Wt. soil, $W_s$ (g)	48.88	49.29	52.56	43.13	60.83	
Specific gravity of water at T, $G_{wT}$	0.99768	0.99768	0.99768	0.99768	0.99768	
Specific gravity of soil, $G_s$	2.723	2.717	2.798	2.822	2.711	

Tested by: \_\_\_\_\_

Reviewed: \_\_\_\_\_