

DUMPSTER SLUDGE DENSITY TEST:

DATE: 10-16-89

% SOLIDS: _____

DATA:

TRIAL #	COMPACTED			UNCOMPACTED		
	VOLUME (ml)	MASS (g)	ρ (lb./ft. ³)	VOLUME (ml)	MASS (g)	ρ (lb./ft. ³)
1	300.00	284.45	59.194	500	284.62	35.538
2	300.00	290.49	58.370	500	290.81	35.362
3	295.00	270.98	57.347	500	271.09	33.248
4	295.00	274.83	58.161	500	274.95	34.335
5	295.00	281.27	59.524	500	281.29	33.122
TOTAL	1485.00	1392.02	292.596	—	1392.76	173.900
AVG.	297.00	278.40	58.519	500	279.55	31.70

EQUATION: $\rho^{(lb./ft.^3)} = \frac{M(g)}{V(ml)} \cdot 62.43$ (CONVERSION FACTOR)

$$\rho_c^{10} = 58.519, \quad \rho^{10} = 34.780$$
$$\rho^{2c} = 58.520, \quad \rho^{20} = 34.780$$

$$\rho^c = 58.520, \quad \rho^0 = 34.780$$

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