

ASTM 1557 Moisture/Density Curve

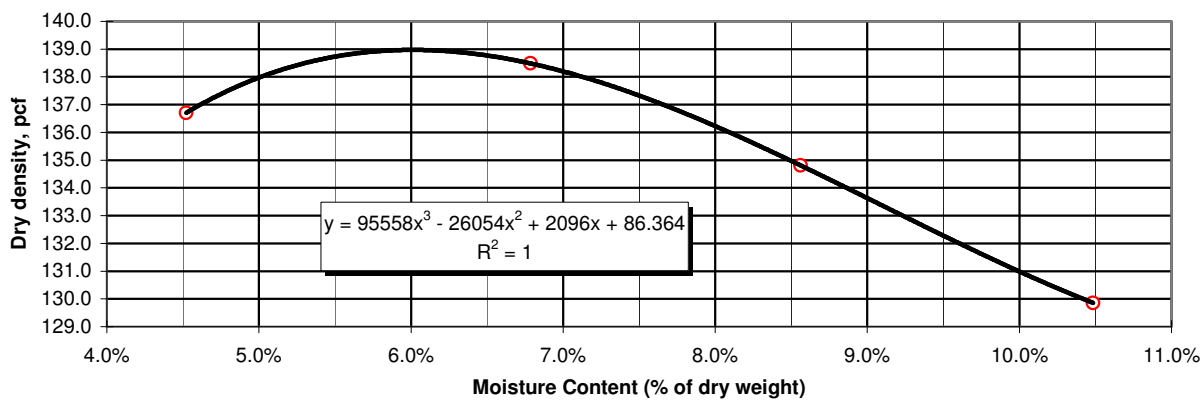
Sample No: **T-1**
 Date: 29-Jul-08
 Tech: John D.

Client: Pacific Enzyne Inc.
 Address: 2015 Rockwood Drive
 City, State Zip: Sacramento, CA 95864
 Attn: Bob
 Project: Permayzne Testing
 Soil Description: Valley Rock Road 39 Class II AB (Untreated)
 Sample location: Client Delivered
 Sample depth: N/A

Trial No:	1	2	3	4	5
Water Added	150	250	350	450	
Gross compacted wt:	7680	7850	7798	7700	
Container Tare:	2820	2820	2820	2820	
Net compacted wt:	4860	5030	4978	4880	
Wet density, pcf:	142.9	147.9	146.4	143.5	
Dry density, pcf:	136.7	138.5	134.8	129.9	

Sample Weight: **5300.0 g**

Pan No:	1	2	3	4	5	Rock Correction' ASTM D4718
Gross wet wt:	1119.3	1398.9	1383.9	1383.7		Total sample wt: 65.5
Gross dry wt:	1074.5	1315.0	1282.1	1261.2		+3/4 rock wt: 4.6
Pan tare:	83.6	78.4	93.0	92.9		% of +3/4 rock: 7.0%
Net dry wt:	990.9	1236.6	1189.1	1168.3		Specific Gravity of +3/4: 2.65
Moisture loss:	44.8	83.9	101.8	122.5		Rock adj. density: 140.5
% Moisture Content:	4.5%	6.8%	8.6%	10.5%		



Max density from curve: 139.0

Max adjusted density: 140.5 pcf

Optimum moisture: 6.0%

This test was performed per ASTM 1557

Reviewed by: _____