



Contract Number	SR Number	Date
Section		Inspector
Test Hole Number*		
Station to Station		
Reference to Subgrade		
Test Station		
Reference to Center Line		
Material Type (Clay, Top Course, etc.)		
Standard (Curve or Lab ID Number)		
Depth of Material (If surfacing)		
Gauge Readings		
Dry Density lbs/cu ft	0	
	90	
Average Dry Density lbs/cu ft	Average	
Moisture Content	0	
	90	
Average Moisture Content	Average	
Gradation Determination		
[1] Mass of Sample (Dry or SSD) + Tare		
[2] Mass of Tare A		
[3] Mass of Sample (Dry or SSD) = [1] - [2]		
[4] Mass Retained on required Sieve + tare		
[5] Mass of Tare B		
[6] Mass of Material Retained on required Sieve = [4] - [5]		
[7] % Retained on required Sieve (% Oversize)	$\frac{\text{Mass Retained on required Sieve}}{\text{Mass of Sample [3]}} \times (100)$	
[8] % Pass required Sieve = (100 - Percent Retained)		
Density Determination		
Corrected Maximum Density (Found in "MAX" column of MATS Density Curve table)		
% Compaction	$\frac{\text{Average Dry Density}}{\text{Corrected Maximum Density}} \times (100)$	
Corrected Optimum Moisture = (Found in "COM" Column of MATS Density Curve table)		
NOTE: Required sieve for T99/T606 is the No. 4 sieve. Required sieve for T180 is the 3/4" sieve.		
Comments		

Test holes that are retests should be marked with an alpha character such as: 27a, 27b, etc.