

STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION

**NUCLEAR COMPACTION REPORT FOR SOILS AND AGGREGATES**

Daily Standard Counts	
Density	Moisture

Contract No. \_\_\_\_\_  
 Date \_\_\_\_\_  
 Nuclear Set No. \_\_\_\_\_  
 Correlation Date \_\_\_\_\_

Test No. (code)			
Station			
Distance to Centerline			
Embankment Depth			
Type of Material			
Compaction Equipment			

**WET DENSITY**

Probe Depth			
<b>Counts</b>	—	—	—
Wet Density #1 Mg/m <sup>3</sup> (lb/ft <sup>3</sup> )			
Wet Density #2 Mg/m <sup>3</sup> (lb/ft <sup>3</sup> )			
Wet Density #3 Mg/m <sup>3</sup> (lb/ft <sup>3</sup> )			
Wet Density #4 Mg/m <sup>3</sup> (lb/ft <sup>3</sup> )			
Average Wet Density Mg/m <sup>3</sup> (lb/ft <sup>3</sup> )			

**MOISTURE AND MOISTURE %**

<b>Counts</b>	—	—	—
Moisture #1 Mg/m <sup>3</sup> (lb/ft <sup>3</sup> ) / M %			
Moisture #2 Mg/m <sup>3</sup> (lb/ft <sup>3</sup> ) / M %			
Moisture #3 Mg/m <sup>3</sup> (lb/ft <sup>3</sup> ) / M %			
Moisture #4 Mg/m <sup>3</sup> (lb/ft <sup>3</sup> ) / M %			
Avg. Moisture Mg/m <sup>3</sup> (lb/ft <sup>3</sup> ) / Avg. M %			

**CORRELATION DATA**

Moisture Offset (MCF)			
Wet Density Offset			

**MODIFIED PROCTOR COMPACTION TEST RESULTS**

Test No.			
Maximum Dry Density = (d) Mg/m <sup>3</sup> (lb/ft <sup>3</sup> )			
Optimum Moisture %			

*(if applicable)*

Corr. Max. Dry Density = (D) Mg/m <sup>3</sup> (lb/ft <sup>3</sup> )			
Corr. Optimum Moisture %			

**DRY DENSITY**

Dry Density #1 Mg/m <sup>3</sup> (lb/ft <sup>3</sup> )			
Dry Density #2 Mg/m <sup>3</sup> (lb/ft <sup>3</sup> )			
Dry Density #3 Mg/m <sup>3</sup> (lb/ft <sup>3</sup> )			
Dry Density #4 Mg/m <sup>3</sup> (lb/ft <sup>3</sup> )			
Average Dry Density Mg/m <sup>3</sup> (lb/ft <sup>3</sup> )			
% Compaction Average			
Accepted or Rejected			

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Tested By: \_\_\_\_\_ Resident Engineer: \_\_\_\_\_