



**Q&D CONSTRUCTION**

est. 1964

January 27, 2023

Aggregate Submittal  
Recycled Base  
Q&D – Mustang Recycle Yard  
12050 I-80 E, Sparks NV 89434

Project Name:

Q&D is pleased to provide our AASHTO accredited laboratory test results for Recycled Base. The material was tested using the applicable test methods cited on the Submittal Document. The material meets all SSPWC specifications listed on the Submittal Document.

We trust this is the information you require at this time. If you have any questions, please do not hesitate to contact me at (775) 342-6000.

Sincerely,

Norm Davis  
Quality Control Manager

**SERVICE. INTEGRITY. QUALITY.**

P.O. Box 10865, Reno, Nevada 89510 | Main Office: 775.786.2677 | Fax: 775.786.5136  
www.qdconstruction.com | NCL: 8197 A & B

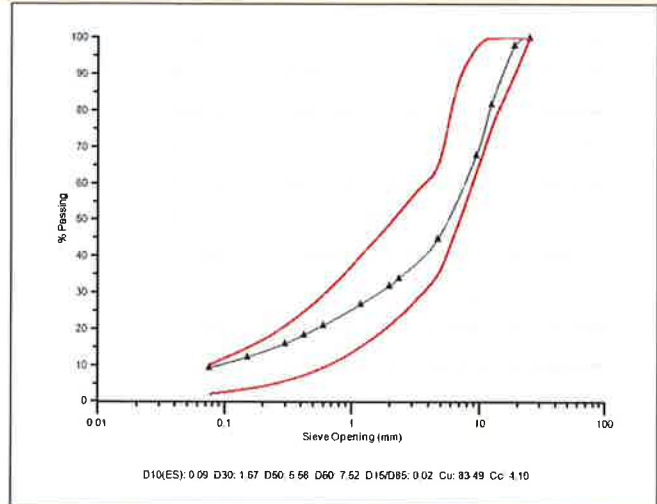


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## Compliance Report

### Sample Information

**Sample No** 55649253  
**Product Id** 6028  
**Product Name** Recycled Type II Base  
**Specification** Aggregate Base Type 2 Class B  
**Date Sampled** 12/15/2022 00:00  
**Sampled By** Shawna Westmoreland  
**Sample Type** Quality Control  
**Sample Method** Stockpile

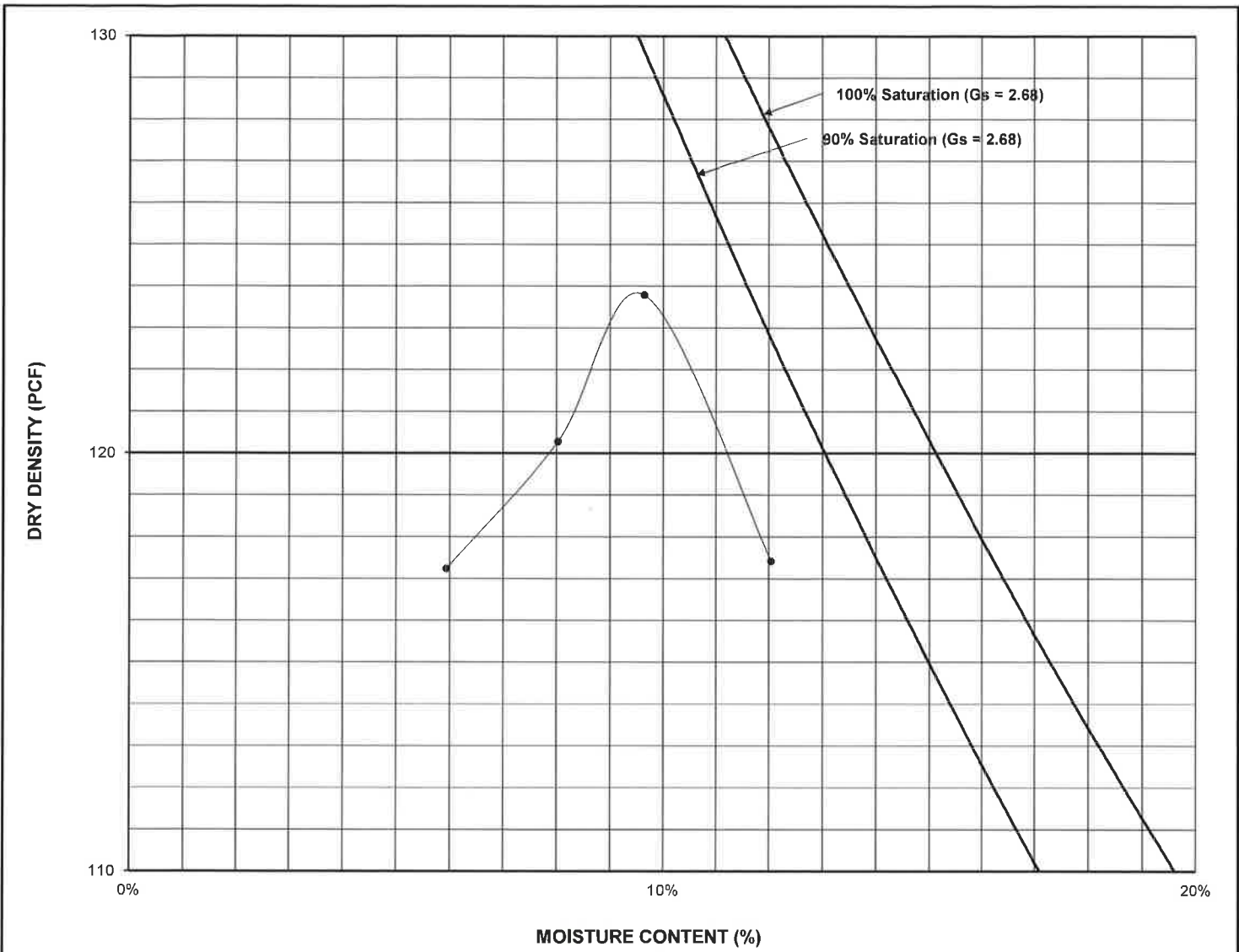


### Gradation Results

**Date Tested** 12/15/2022 00:00  
**Tested By** Shawna Westmoreland


### Quality Results

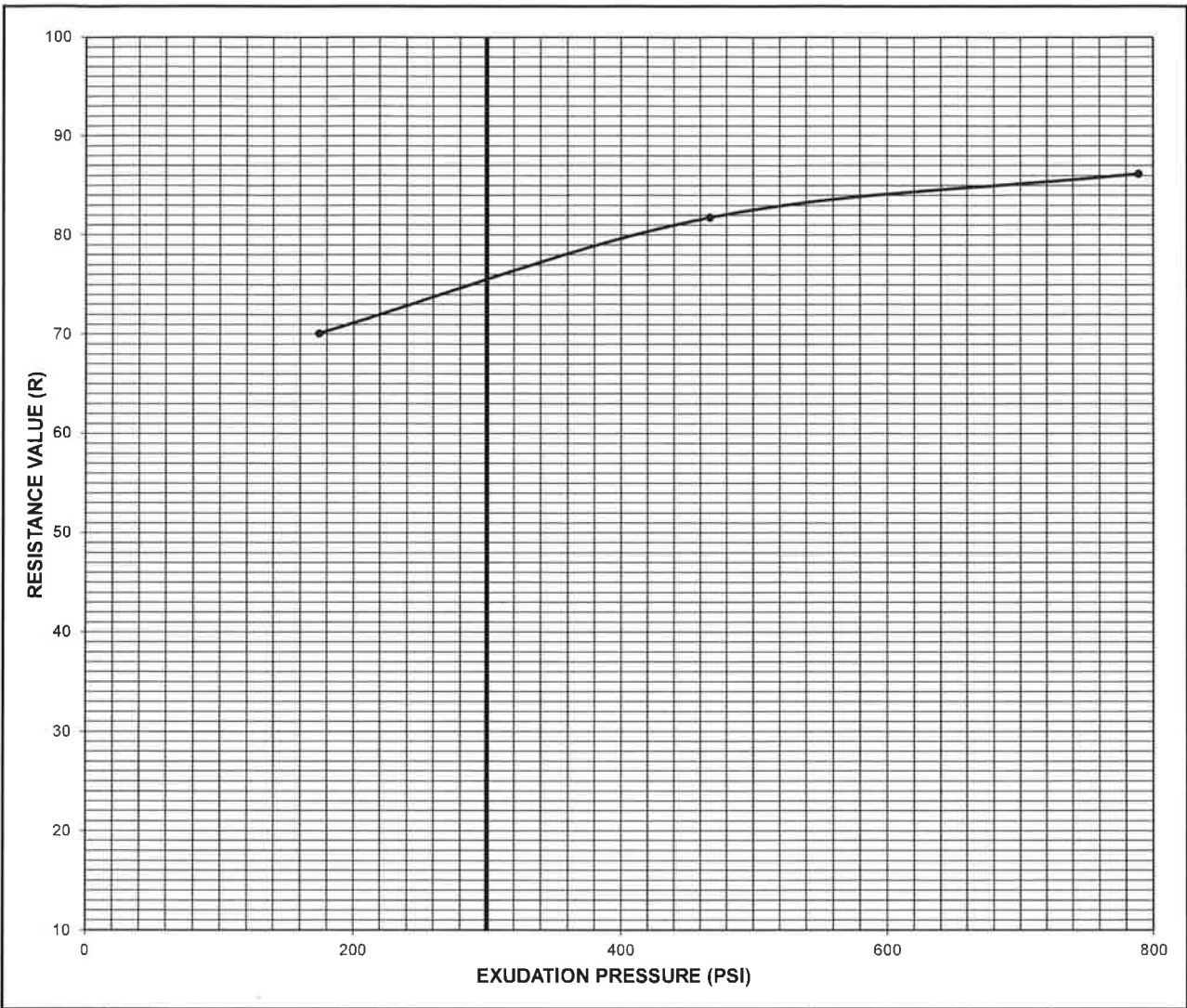
Sieve	% Passing	Tolerances	Test	Result	Unit	Tolerances	Method
1" (25mm)	100	100-100	-#200 (75um)	9.24	%		AASHTO T11
3/4" (19mm)	98	90-100	R Value	76.0		≥70	ASTM D1559
1/2" (12.5mm)	82		Plastic Limit	NA		≤35	
3/8" (9.5mm)	68		Plasticity Index	NP		≤8	
#4 (4.75mm)	45	35-65	Max Dry Density (Proctor-Mod)	124			ASTM D 1557
#8 (2.36mm)	34		Opt Moisture (Corrected)	10	%		
#10 (2mm)	32						
#16 (1.18mm)	27	15-40					
#30 (.6mm)	21						
#40 (.425mm)	18						
#50 (.3mm)	16						
#100 (.15mm)	12						
#200 (75um)	9	2-10					



D1557 Symbol	Sample Source	Classification (Description)	Optimum Water Content (%)	Maximum Dry Density (pcf)
0	Mustang Recycle Yard	Type 2, Class B Aggregate Base (Recycled)	9.6	123.9

TEST METHOD:	D1557	MOLD (in):	6	POINT #	MOISTURE	DRY DENSITY (PCF)
METHOD:	C	HAMMER (LBS.):	10	1	5.9%	117.2
LAYERS:	5	FALL (in):	18	2	8.0%	120.3
BLOWS:	56			3	9.7%	123.8
				4	12.0%	117.4
				5		
				6		
% PASSING		SPECIFIC GRAVITY		ABSORPTION (%):		
3/4"	> 95	ASSUMED:	2.68	ESE BULK NO.:	6232	
3/8"		ASTM C-127		DATE SAMPLED:	12/15/22	
#4						

 <b>EASTERN SIERRA ENGINEERING</b>	<b>COMPACTION TEST DATA</b> Q&D Construction 2023 QC Services	<b>FIGURE</b>  <b>1</b>
	DRAWN: DB JOB NUMBER: 23.1.01 APPROVED: SJ DATE: 12/20/2022 REVISED: DATE:	



D 2844 Symbol	Sample Source	Classification	Expansion Pressure (psf)	R-value
o	Mustang Recycle Yard - 12/15/2022	Type 2, Class B Aggregate Base (Recycled)	0.0	76

POINT #	WATER CONTENT (%)	DRY DENSITY (PCF)	EXUDATION PRESS. (PSI)	EXPANSION PRESS. (PSF)	RESISTANCE VALUE (R)
1	8.7	122.3	789	0	86
2	9.7	121.8	467	0	82
3	10.7	118.2	174	0	70
4					
5					
6					

 <b>EASTERN SIERRA ENGINEERING</b> <small>CIVIL ENGINEERING &amp; CONSTRUCTION SERVICES</small>	<b>RESISTANCE VALUE TEST DATA</b> Q&D Construction 2023 QC Services			FIGURE <b>2</b>		
	DRAWN DB	ESE BULK # 6232	JOB NUMBER 23.1.01	APPROVED SJ	DATE 12/21/2022	REVISED