

4/29/2021

Dunn Construction, LC  
426 East 1750 North, Unit F  
Vineyard Utah, 84059

**Gradation - PitRun**

ASTM: C-136, C-117

**Project No** 014293  
**Client Reference No**  
**Barcode** Bucket C - 4/23  
**Material Source** Crushing  
**Material Description** 4:1 - Pit rocks : Crushed fines - Roadbase  
**Project** Dunn Pit Materials Testing - 14293  
**Location Detail**

**Date Tested** 4/28/2021  
**Sample Rec. Date** 4/26/2021  
**Date Sampled** 4/23/2021  
**Sampled By** Client

Sieve Size	Size MM	Cu. Wt. Retained	Indiv Wt Retained	Indiv % Retained	Cumulative Percent Retained	Cumulative Percent Passing	Spec Min%	Spec Max%	Pass Fail
1-1/2"	38.1		0.0	0.0 %	0.0	100	100	100	Pass
1"	25.4		885.7	5.1 %	5.1	95	81	100	Pass
3/4"	19.05		1,585.9	9.1 %	14.2	86	61	94	Pass
1/2"	12.7		2,445.7	14.1 %	28.3	72	56	89	Pass
3/8"	9.525		1,335.0	7.7 %	35.9	64	46	84	Pass
No. 4	4.75		2,788.1	16.0 %	52.0	48	33	72	Pass
<b>Total Sample Wt</b>		17,400.7							
No. 10	2		176.6	32.9 %	32.9	32			
No. 16	1.18		87.0	16.2 %	49.1	24	20	45	Pass
No. 40	0.425		94.8	17.6 %	66.7	16			
No. 100	0.15		45.4	8.5 %	75.2	12			
No. 200	0.075		21.5	4.0 %	79.2	10	4	14	Pass
Fine Grading Only:					<b>ASTM: D4318</b>				
Wet Original Wt. 544.8					Liquid Limit				
Dry Original Wt. 537.3					Plastic Limit				
Washed Wt. 429.7					Plasticity Index				
- No. 200 Washed Out 107.6									
- No.200 Sieved Out 3.6					<b>ASTM: D2216</b>				
Total - No.200 111.2					Moisture 1.4 %				
					= 20.7 %				

**Remarks**

**Technician** Christophe Brosson  
Digital Signature By User Login

**Manager** Susan Arnold  
Digital Signature By User Login

Test results relate only to the sample tested. This test report shall not be reproduced, except in full, without the prior written approval of CMT West Valley Main Office. Lab Address: 496 East 1750 North, Suite B Vineyard Utah, 84057

**System Link** <http://cmt-data.com/assignments/D0C37885-D28C-4BA2-7E10-629650C4FE45>

**System Path** Dunn Pit Materials Testing - 14293 / SOILS - FIELD AND LAB TESTING / 014293 SievePitRun1½in Bucket C 4/23