Test Number: Test #3

Test For: 1 1/4" Dense Graded Base

Location: Discharge Belt

Source: Alsum Quarry Plant #11
Legal Description:
County:

Project:

Lab Site:

Brownsville Lab #1
817 West Main Street
Brownsville, WI 53006

Date Sampled: 8/24/15
By: Adam Vogt, Jason Lohry

Date Tested: 8/24/15
By: Jason Lohry, Billy Utecht

	Plasticity Check: Can P-40 be rolled into 1/8" threa when moist? ____			**Moisture:** 2.8% **Fracture:**			**Total Wt. Of Sample Wet:** 11001.1 **Total Wt. Of Sample Dry:** 10698.7			
	R4 Weight (Unwashed): 7302.7			**P4 Weight** (Unwashed): 772.3			**R4 Wt.** 7302.7 = 0.683 **P4 Wt.** 3396.0 = 0.317			
SIEVE	Wt Ret	% Ret	% Pass	Wt Ret	% Ret	% Pass	R 4	P 4	Cum %	**SPECS.**
3" - 75mm										
2 1/2" - 63mm										
2" - 50mm										
1 1/2" - 37.5mm										
1 1/4" - 37.5mm	0.0	0.0	100.0				68.3	31.7	100.0	**95-100%**
1" - 25.0mm	188.8	2.6	97.4				66.5	31.7	98.2	-
3/4" - 19.0mm	1762.9	24.1	75.9				51.8	31.7	83.5	**70-93%**
1/2" - 12.5mm	4194.4	57.4	42.6				29.1	31.7	60.8	-
3/8" - 9.5mm	5267.9	72.1	27.9				19.1	31.7	50.8	**42-80%**
#4 - 4.75mm	7085.7	97.0	3.0	0.0	0.0	100.0	2.0	31.7	33.7	**25-63%**
#8 - 2.36mm	7157.1	98.0	2.0	241.7	31.3	68.7	1.4	21.8	23.2	-
#10 - 2.00mm	7160.0	98.0	2.0	271.6	35.2	64.8	1.4	20.5	21.9	**16-48%**
#16 - 1.18mm										
#30- 600um										
#40 - 425um	7177.9	98.3	1.7	488.0	63.2	36.8	1.2	11.7	12.9	**8-28%**
#50 - 300um										
#100 - 150um	7191.1	98.5	1.5	547.4	70.9	29.1	1.0	9.2	10.2	-
#200 - 75um	7217.4	98.8	1.2	593.8	76.9	23.1	0.8	7.3	8.1	**2-12%**
PAN	7235.0			606.0						