

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 12

Date: 10/21/2008
 Project No.: 08-011/ASTM C-117WSH
 Project: WAITSFIELD TOWN ROAD/REF.#2080236

Sample Data

Location of Sample: MATERIAL SAMPLED BY VERMONT TESTING
 Sample Description: SILTY CALY GRAVEL-36"BELOW GROUND SURFACE
 USCS Class: ML Liquid limit:
 AASHTO Class: A-4(0.0) Plasticity index:

Notes

Remarks: CLIENT:WESTON & SAMPSON. MR.SHAWN R.PATENAUDE, P.E
 CHECK: JACQUES BOURAMIA LABORATORY NO.:08-460
 Fig. No.: 460

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare=	563.00	248.50
Tare =	0.00	0.00
Dry sample weight =	563.00	248.50
Minus #200 from wash=	55.9 %	
Tare for cumulative weight retained=	0	

Sieve	Cumul. Wt. retained	Percent finer
0.75 inches	0.00	100.0
0.5 inches	6.30	98.9
0.375 inches	13.00	97.7
# 4	39.00	93.1
# 8	64.40	88.6
# 16	98.10	82.6
# 30	138.70	75.4
# 50	177.40	68.5
# 100	217.00	61.5
# 200	244.70	56.5

Fractional Components

Gravel/Sand based on #4 sieve
 Sand/Fines based on #200 sieve
 % + 3 in. = 0.0 % GRAVEL = 6.9 % SAND = 36.5
 % FINES = 56.6

D85= 1.51 D60= 0.124

