Washington State Department of Transportation

Aggregate Record of Field Test

Contract No.	Time/Date Sampled	Sampled by:	Pit No.
Acceptance No.	IA No.	Material Type	Quantity Represented
Total Wt. of Sample (before split)	Wt. of Wet Sample (gm)	Dry Wt. (gm)	Washed Dry Wt. (gm)

Method A

Sizes	Cumulative Wt. Retained (gm)	Cumulative % Retained	Reported % Passing	Specifications
6”				
4				
3				
2-1/2				
2				
1-1/2				
1-1/4				
1				
3/4				
5/8				
1/2				
3/8				
1/4				
No. 4				
8				
10				
16				
30				
40				
50				
80				
100				
200				
Pan (gm)				

Sand Equivalent

SE #1 _____

SE #2 _____

SE Avg. _____

SE Specification _____ Min.

Fracture Count

Wt. of Fractured Particles (gm) _____

Wt. of Unfractured Particles (gm) _____

Wt. of Questionable Particles (gm) _____

Percent Fracture _____

Fracture Specification (Min.) _____

Moisture Content

Wt. of Wet Sample (gm) _____

Dry Wt. (gm) _____

Wt. of Moisture _____

Percent Moisture Content _____

Note: Round SEs up to the next whole number. Round Percent Passing to the nearest whole number except #200 - round to the nearest 0.1%.

Formulas:

Sand Equivalent = (Sand Ht. **/** Clay Ht.) **X** 100

Percent Passing for Gradation = 100 **-** ((Wt. Retained **/** Dry Wt.) **X** 100)

$$\text{Percent Fracture} = \frac{\text{(Wt. of Fractured Particles + (Wt. of Questionable Fractured Particles / 2)) X 100}}{\text{(Wt. of Fractured Particles + Unfractured Particles + Questionable Particles)}}$$

$$\text{Moisture Content} = \frac{\text{(Wt. of Wet Sample - Dry Wt.) X 100}}{\text{Dry Wt.}}$$

Acceptance Action	☐ Conditionally Accepted	☐ Substandard Material	☐ Rejected	
Qualified Tester		Date	Contractor	Date