Washington State Department of Transportation

Aggregate Record of Field Test

Contract No.	Time/Date Sampled	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	Cummulative Wt. Retained (gm)	Cummulative % 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

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)

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

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

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