

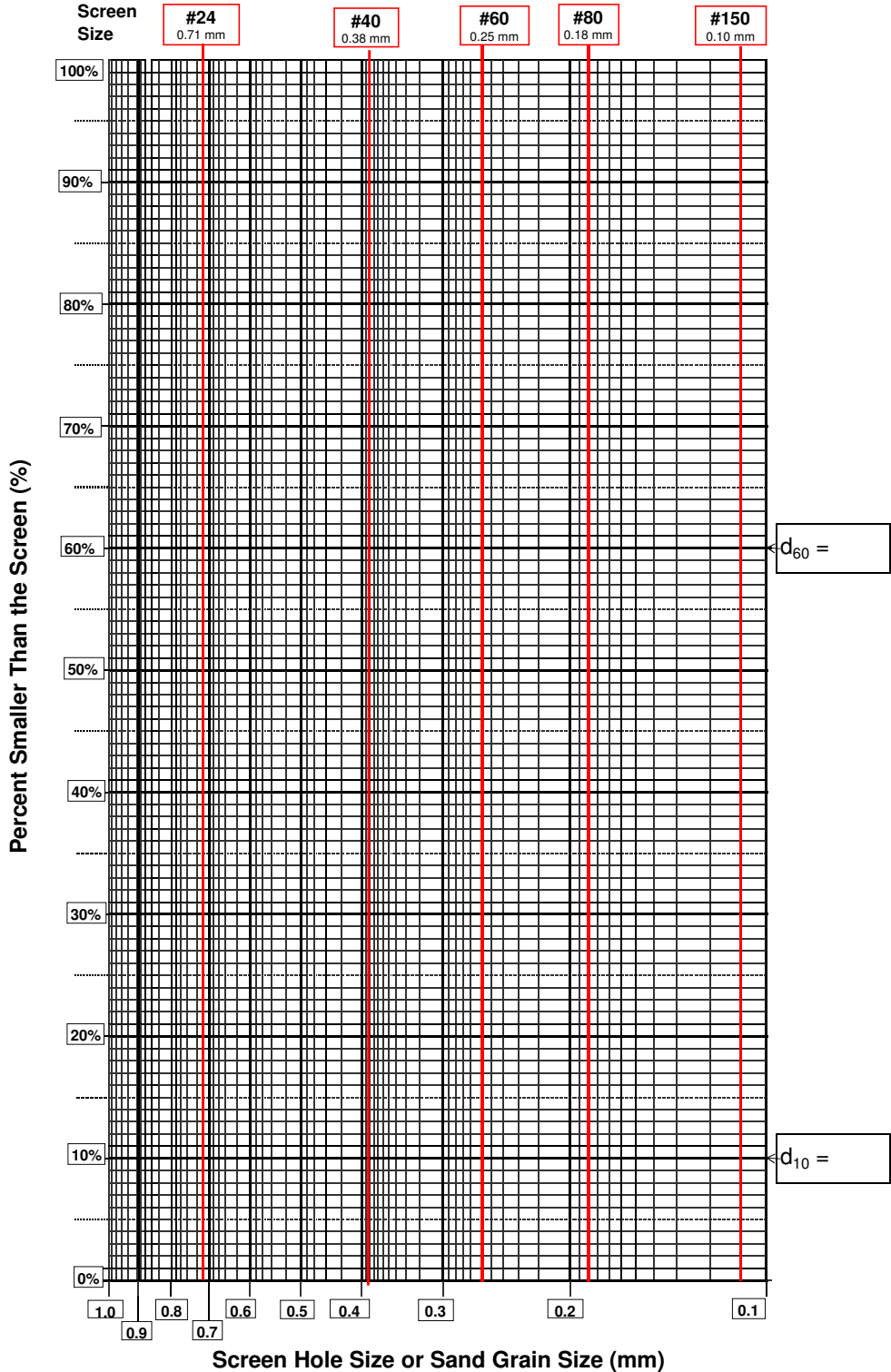
Sample Description:

Sand Sieve Size	Cumulative Sand Remaining On the Screen (Measure) mL (A)	Percent Sand Remaining On the Screen (Calculate) % (C=A/B*100)	Percent Smaller Than the Screen (Calculate and Graph) % (100-C)
#24			
#40			
#60			
#80			
#150			
Catch pan	(B)		

Effective Size (ES):  
 $d_{10} =$   Recommend 0.15 to 0.20 mm

Uniformity Coefficient (UC):  
 $d_{60} / d_{10} =$   Recommend 1.5 to 2.5

Amount of very fine sand (%):  
 % Passing #150 =  Recommend less than 4%



Sample Description: **Sample 11B - Sarcee sand - South Quarry, 14July09, D. Baker**

Sand Sieve Size	Cumulative Sand Remaining On the Screen (Measure) mL (A)	Percent Sand Remaining On the Screen (Calculate) % (C=A/B*100)	Percent Smaller Than the Screen (Calculate and Graph) % (100-C)
#24	0	0%	100%
#40	17.1	18%	82%
#60	72.9	76.7%	23.3%
#80	87.8	92.4%	7.6%
#150	94.6	99.6%	0.4%
Catch pan	95.0 (B)	100.0%	0.0%

Effective Size (ES):  
 $d_{10} = 0.2$  Recommend 0.15 to 0.20 mm

Uniformity Coefficient (UC):  
 $d_{60} / d_{10} = 1.6$  Recommend 1.5 to 2.5

Amount of very fine sand (%):  
 % Passing #150 = 0.4 Recommend less than 4%

