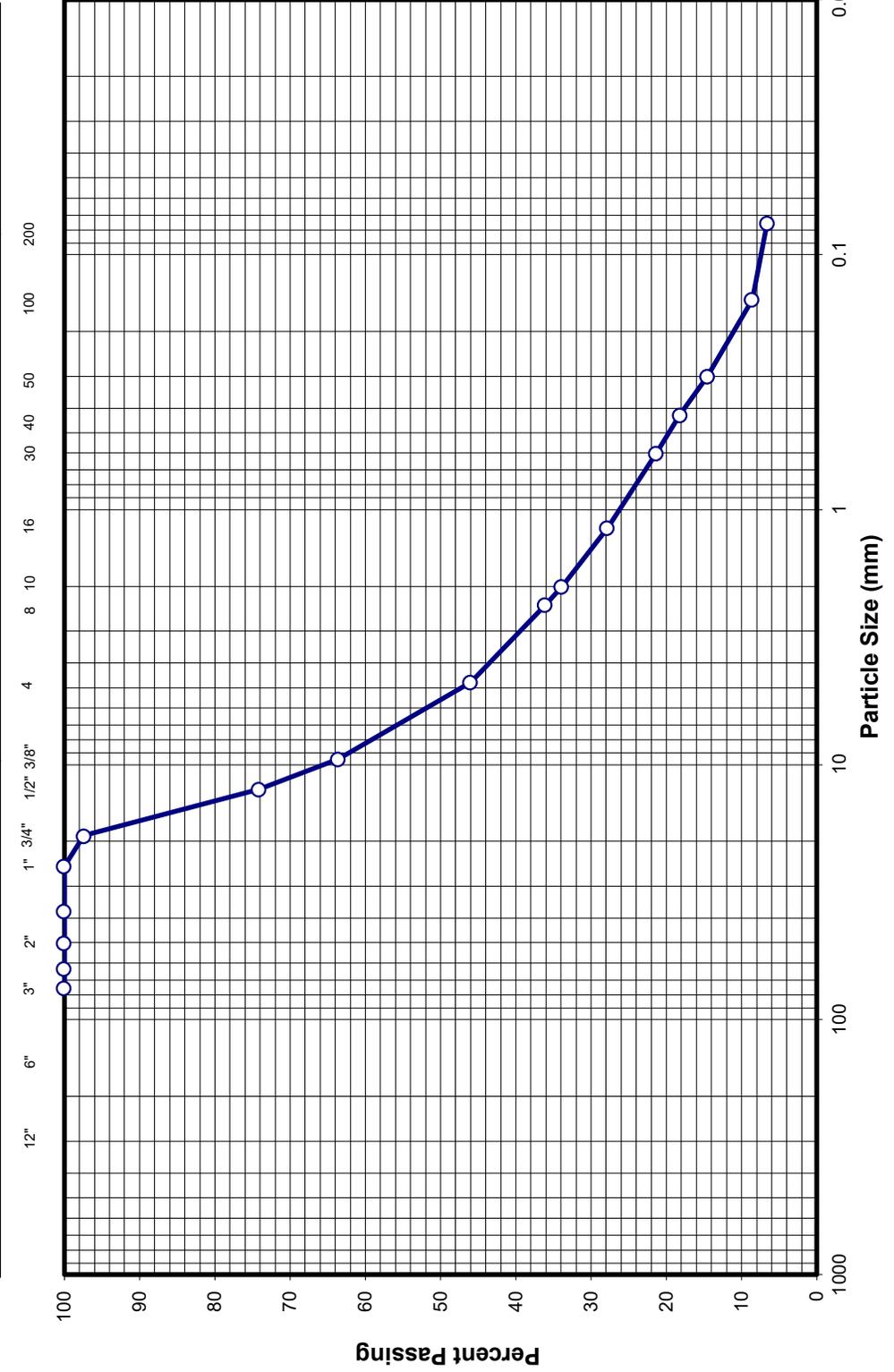


Sieve Analysis	
Sieve Opening in Inches	U.S. Standard Sieves





WORKSHEET FOR SOIL INDEX and MOISTURE DENSITY

Project No: 221-123 Project Name: CS CAG On Call Testing
 Sampled by: Contractor Date Sampled: Unknown Date Tested: 9/9/2021
 Lab No: G-99 Depth (ft): Unknown Location: Unknown
 Tested by: MC Checked by: J. Ibarra

Soil Description: Recycled Concrete (Class 6) Well Graded Gravel with Silt and Sand
 Tests Performed: Full Soil Class Gradation -200 Wash Moisture Atterberg Unit Wt.

Sieve Analysis (ASTM D 421, C 136 & AASHTO T 27)						Wash - #200 (D 1140, C 117 & T 11) & Moisture Content (D 2216 & T 265)		
Sieve Size		Accum. Wt., (g)	% Retained	% Passing	Spec's.			
in. / #	mm.					Dish I.D.	Bowla	
3"+	75			100				
2-1/2"	63			100		Dish wt. (g)	195.8	
2"	50			100		Original wt. of soil + dish (g)	3257.2	
1-1/2"	37.5			100		Oven dry wt. of soil + dish (g)	3070.9	
1"	25			100	100	If Split, Dish+Pre-wash Soil (g)		
3/4"	19	74.5	3	97	95-100	Wash oven dry wt. of soil + dish (g)	2889.4	
1/2"	12.5	743.6	26	74		% Moisture Content	6.5%	
3/8"	9.5	1046.4	36	64		% Wash - #200	6.3%	
#4	4.75	1551.9	54	46	30-65	Sieve Samples Dried Separately? <input type="checkbox"/>		
#8	2.360	1837.4	64	36	25-55	Pan Wt. (g)		
#10	2.000	1900.5	66	34		Pan + Wet Soil Wt. (g)		
#16	1.180	2075.4	72	28		Pan + Dry Soil Wt. (g)		
#30	0.600	2262.0	79	21		Pan + Dry Wash Soils (g)		
#40	0.425	2352.8	82	18		Unit Weight (By Volume)		
#50	0.300	2457.2	85	15		Height (in)	Diameter (in)	
#100	0.150	2628.3	91	9		Moist Weight(g)		
#200	0.075	2685.4	93	6.6	3-12			
Pan								
Oven dry Weight	2875.1							
Oven dry weight	2875.1	CS CAG On Call Testing						

One Point Method	Liquid Limit	Plastic Limit			
Blow Counts (20-30)			Moist Unit Weight (pcf)		
Tin ID	Unknown				
Tin Wt. (g)			Dry Unit Weight (pcf)		
Tin+Wet Soil Wt. (g)					
Tin+ Dry Soil Wt. (g)					
Wt. of Water (g)	#VALUE!				
Wt. of Dry Soil (g)	#VALUE!				
Moisture Content		PL(s) NP			
Liquid Limit		Plastic Limit	NP	Plastic Index	NP

Gravel (%)	54	Sand (%)	39	Fines (%)	7
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CLASSIFICATION:	AASHTO: <u>A-1-a (0)</u>	USCS: <u>GW-GM</u>
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