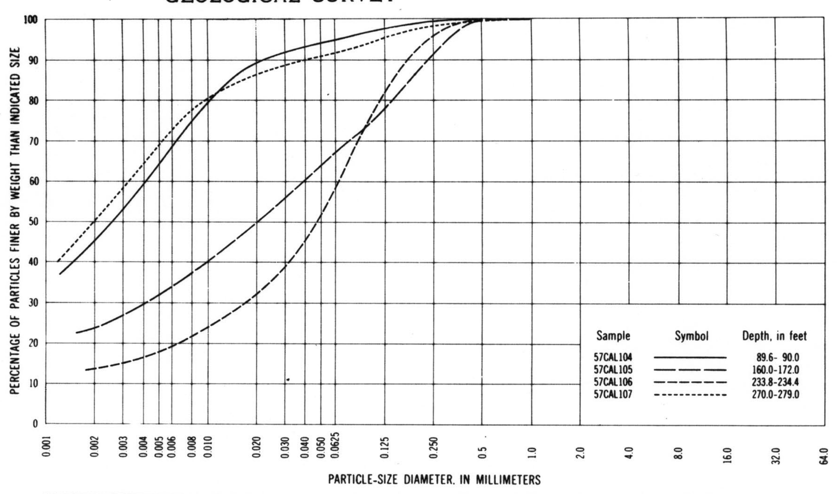
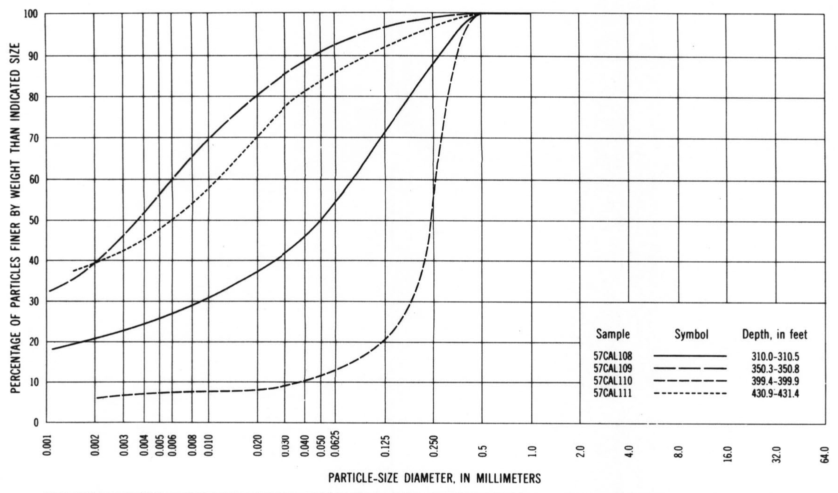
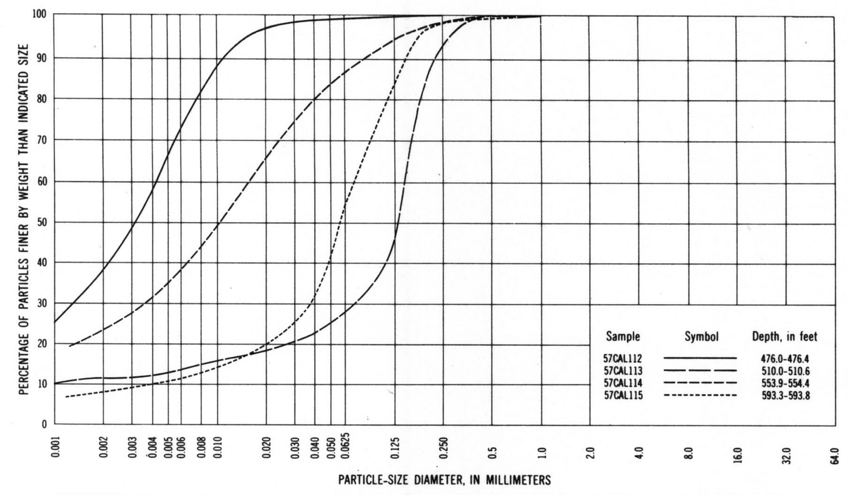


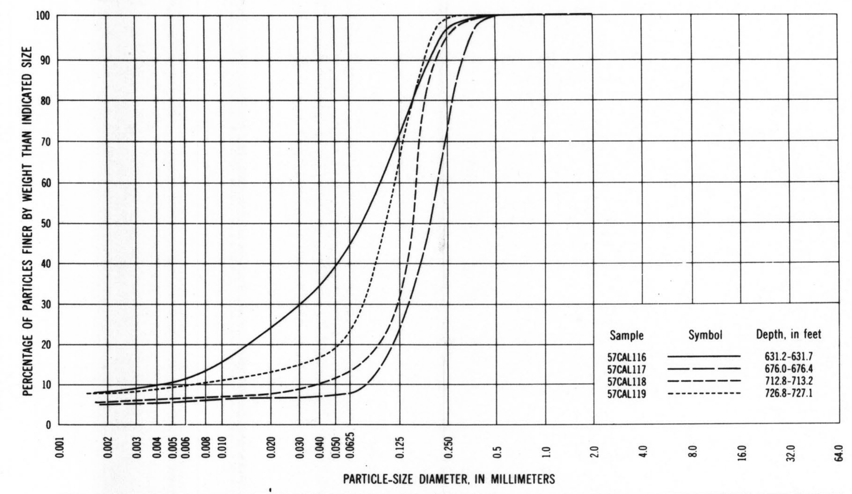
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	58.7	35.6	3.0	1.7	1.0							
— — —	29.2	38.8	10.0	13.4	8.4	0.2						
– – – –	17.0	41.2	23.2	14.2	4.3	0.1						
- - - - - -	64.0	27.6	3.8	3.0	1.2	0.4						



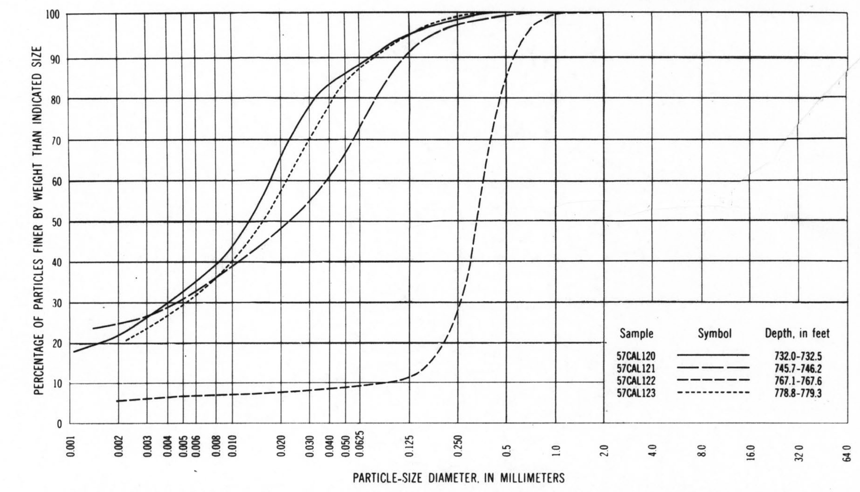
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	24.5	31.3	14.6	17.6	11.6	0.4						
— — —	52.0	40.4	4.2	2.2	1.2							
– – – –	7.2	8.0	6.6	31.6	46.2	0.1	0.1	0.2				
- - - - - -	45.3	40.7	5.8	4.8	3.2	0.2						



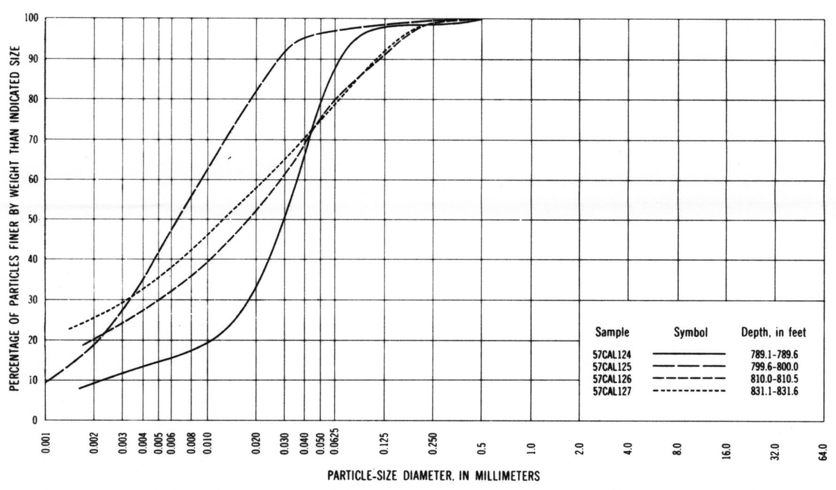
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	57.0	42.0	0.2	0.2	0.4	0.2						
— — —	12.0	16.8	17.8	46.6	6.6	0.2						
– – – –	31.0	55.4	7.8	3.8	1.8	0.2						
- - - - - -	10.0	43.0	29.6	15.8	1.4	0.2						



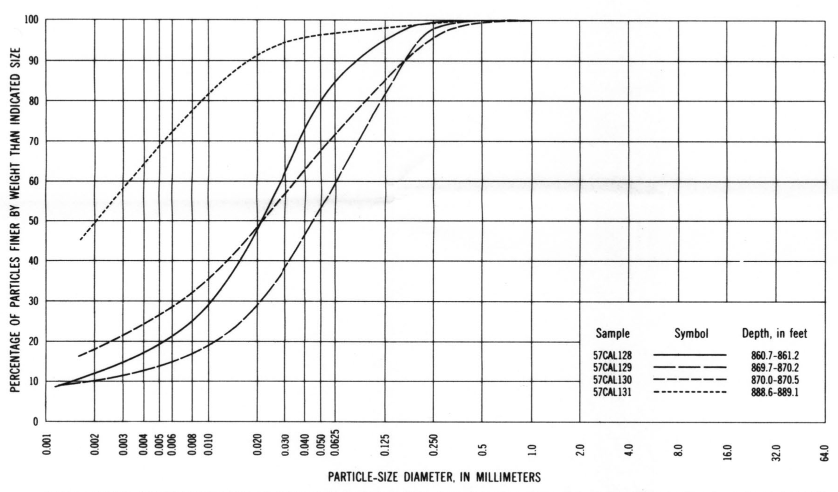
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	10.0	34.6	25.6	26.2	3.4	0.2						
— — —	6.0	2.4	16.1	46.3	29.0	0.1	0.1					
– – – –	6.5	7.3	17.8	62.8	5.4	0.2						
- - - - - -	9.0	15.6	41.6	33.2	0.4	0.2						



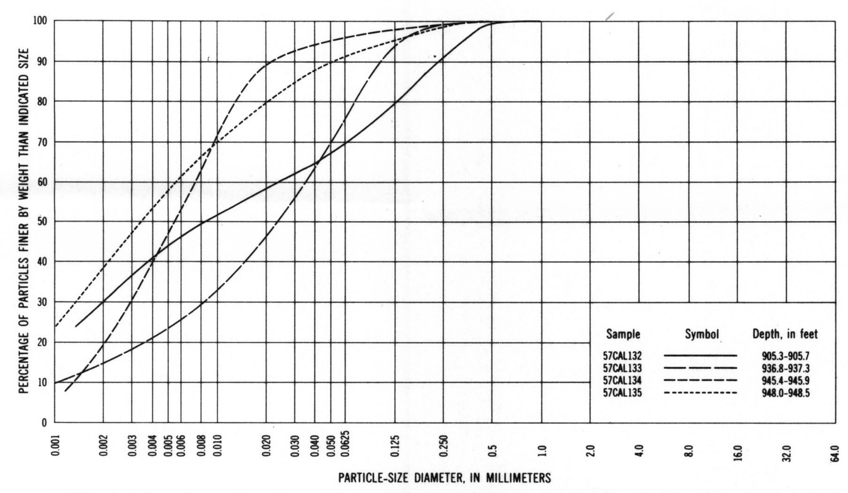
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	30.0	58.6	6.4	3.0	2.0							
— — —	29.0	44.2	18.4	6.0	0.8	1.6						
– – – –	7.0	2.6	2.4	15.6	57.5	14.2	0.7					
- - - - - -	26.8	61.2	7.0	3.6	1.4							



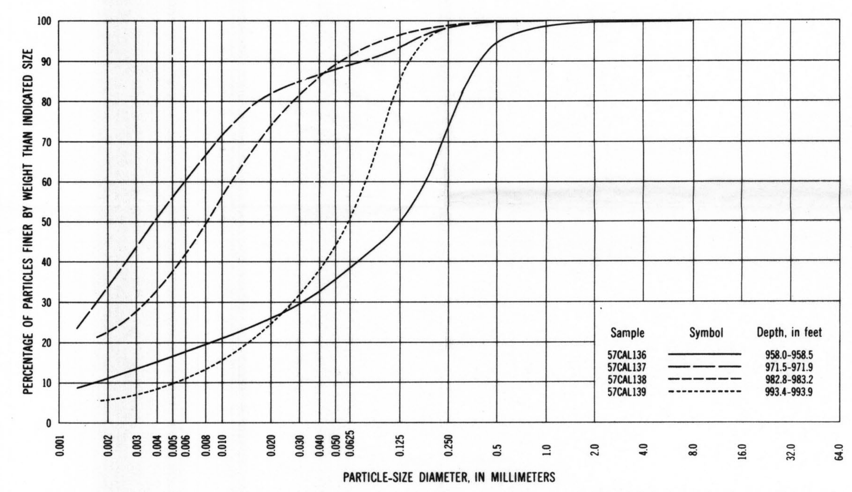
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	13.5	74.9	9.6	0.8	1.2							
— — —	35.5	60.9	2.0	1.2	0.4							
– – – –	27.5	52.9	10.4	8.0	1.2							
- - - - - -	33.0	45.4	13.2	7.2	1.2							



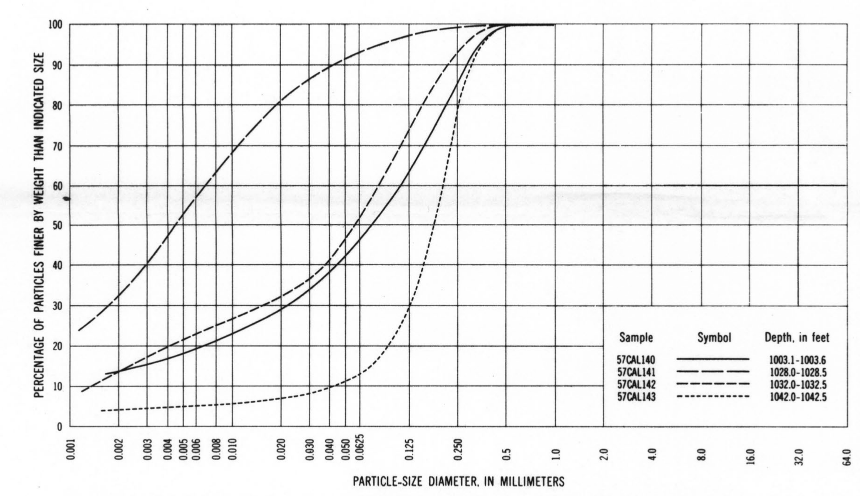
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	17.0	68.2	10.0	4.0	0.8							
— — —	13.0	46.2	22.2	16.4	2.0	0.2						
– – – –	24.0	48.8	12.8	10.2	4.0	0.2						
- - - - - -	64.5	31.9	1.6	1.2	0.8							



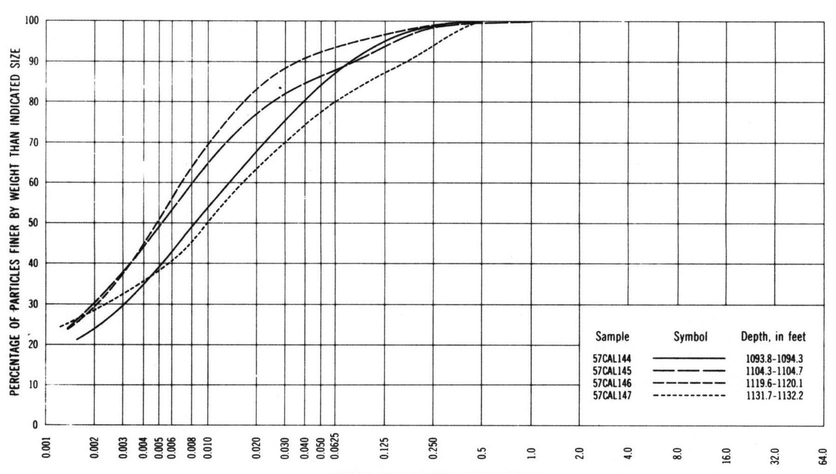
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	41.0	28.8	9.6	11.8	8.6	0.2						
— — —	21.0	54.2	18.4	5.6	0.8							
– – – –	39.5	56.5	1.6	1.6	0.8							
- - - - - -	53.5	37.7	4.0	3.2	1.6							



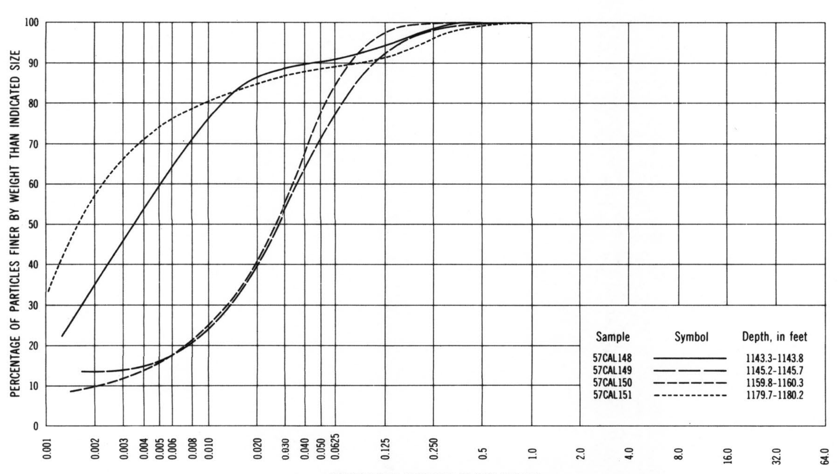
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	15.5	23.5	10.5	23.9	21.4	4.0	0.6	0.2	0.4			
— — —	50.0	39.0	4.0	5.0	1.8	0.2						
– – – –	33.0	58.8	5.0	2.4	0.6	0.2						
- - - - - -	9.0	43.6	32.8	13.4	1.0	0.2						



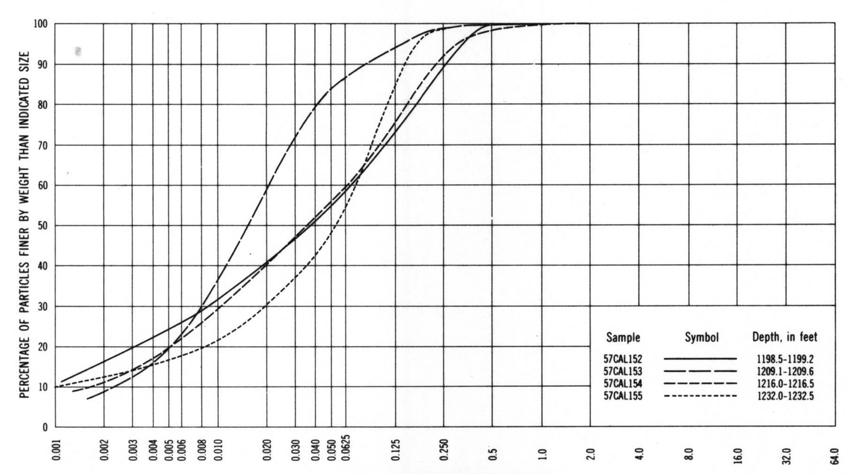
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	17.3	31.1	15.4	21.8	14.2	0.2						
— — —	46.7	46.9	3.2	2.4	0.6	0.2						
– – – –	20.0	32.2	20.8	20.0	7.0							
- - - - - -	5.0	8.6	16.2	46.6	23.4	0.2						



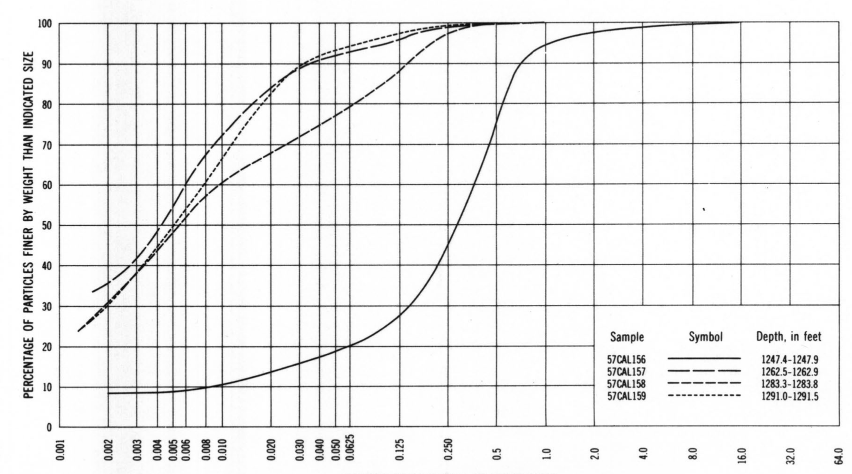
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	35.0	52.6	7.2	4.0	1.2							
— — —	44.0	44.0	5.4	5.0	1.4	0.2						
– – – –	44.4	49.2	2.8	2.4	1.2							
- - - - - -	35.5	45.1	7.0	6.0	6.4							



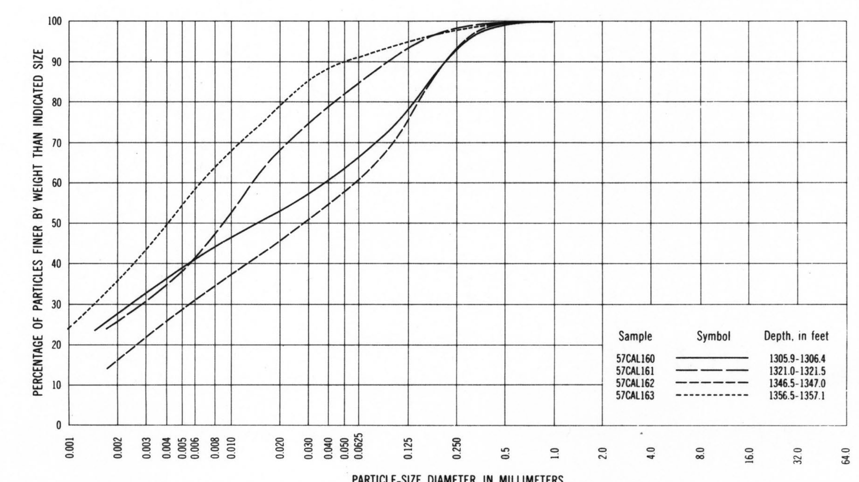
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	53.8	37.2	3.2	4.2	1.6							
— — —	14.6	62.9	15.0	5.7	1.6	0.2						
– – – –	14.0	70.4	13.4	1.8	0.4							
- - - - - -	71.0	18.2	2.0	4.4	3.2	1.2						



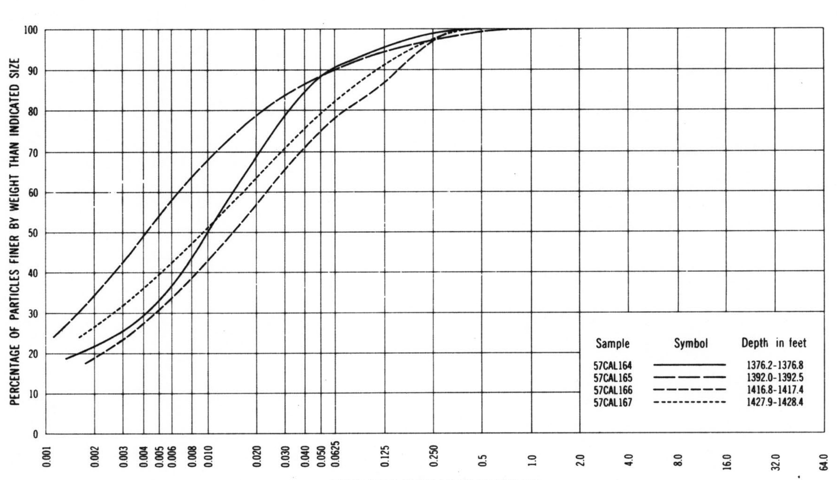
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	22.2	37.8	12.2	16.2	11.4	0.1	0.1					
— — —	16.0	70.8	7.2	4.8	1.0	0.2						
– – – –	17.0	42.8	15.6	16.6	6.6	1.2	0.2					
- - - - - -	16.2	37.6	30.0	15.2	0.8	0.2						



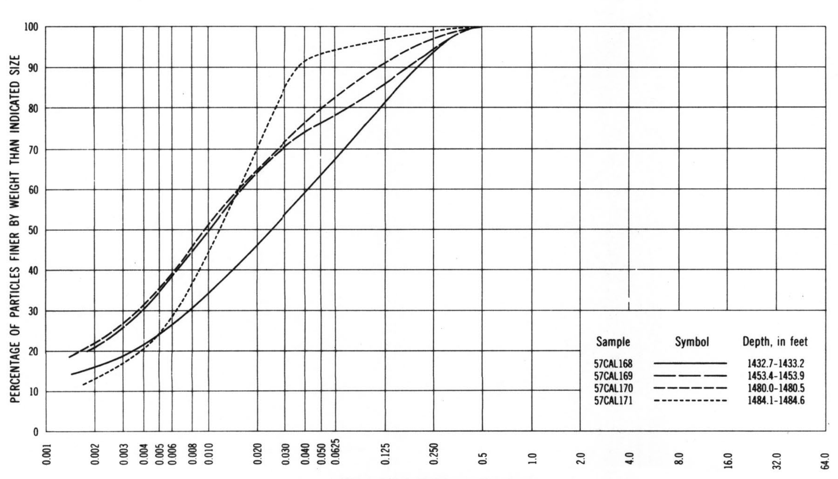
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	9.0	12.3	6.1	17.2	30.0	20.2	2.7	0.5	1.3	0.7		
— — —	47.5	45.1	3.4	3.2	0.6	0.2						
– – – –	43.5	35.9	8.8	8.8	2.8	0.2						
- - - - - -	44.0	50.6	2.6	2.2	0.6							



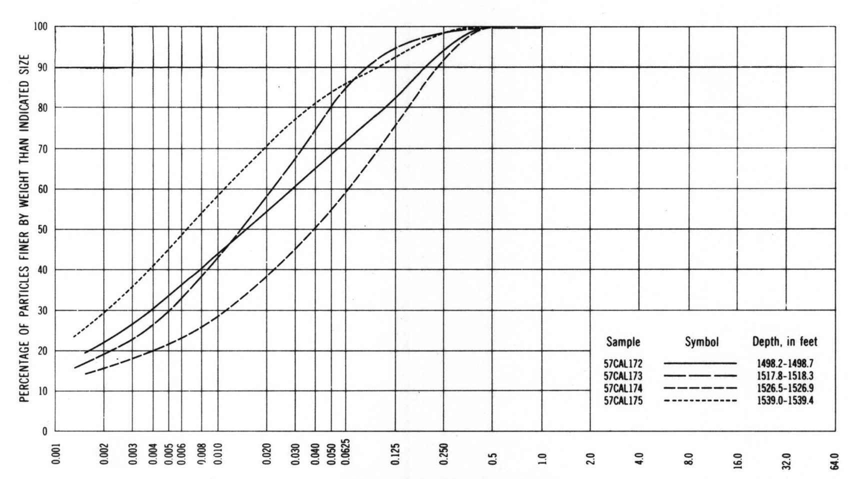
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	36.0	31.8	9.8	15.4	6.8	0.2						
— — —	34.5	50.5	7.8	6.0	1.0	0.2						
– – – –	26.0	35.4	14.8	17.2	6.2	0.2	0.2					
- - - - - -	49.5	41.7	3.6	2.8	1.6	0.8						



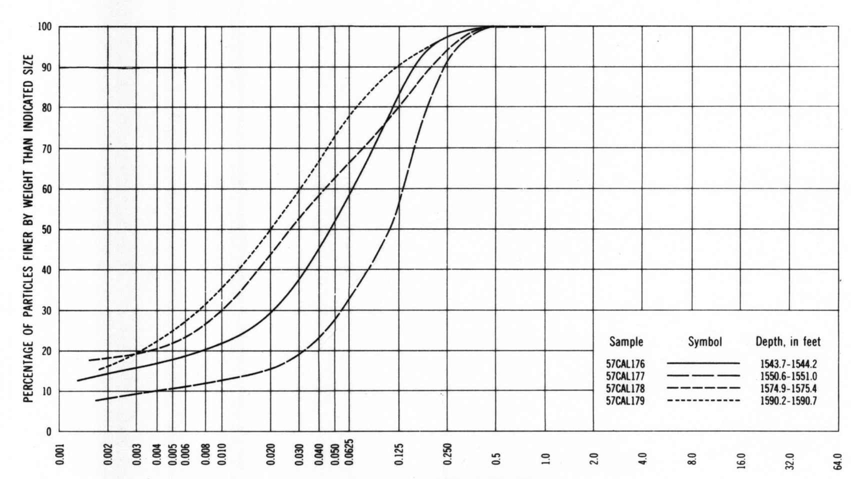
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	29.0	61.8	4.8	3.2	1.2							
— — —	49.0	41.0	4.0	3.2	2.0	0.8						
– – – –	27.5	50.9	8.4	10.0	3.2							
- - - - - -	36.5	45.9	8.0	7.2	2.4							



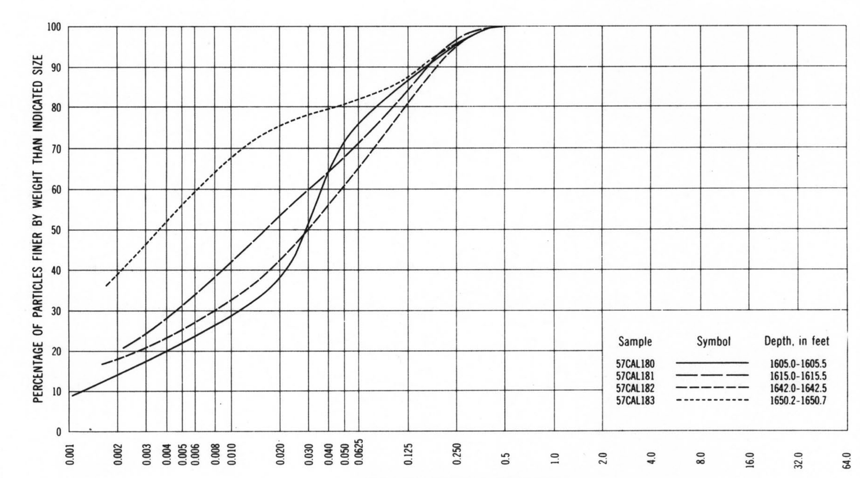
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	22.0	46.8	12.8	12.8	5.6							
— — —	30.0	48.4	7.2	8.8	5.6							
– – – –	32.0	50.4	8.4	6.4	2.8							
- - - - - -	21.0	73.4	2.4	2.0	1.2							



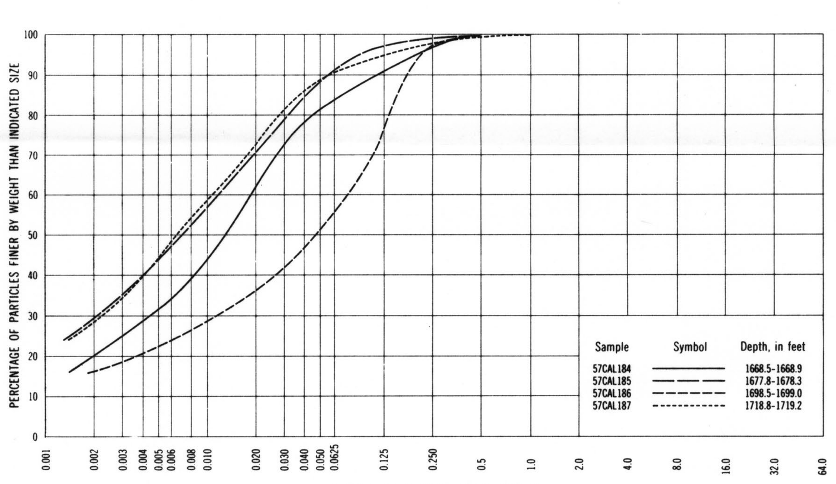
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	31.0	41.8	10.0	12.0	5.2							
— — —	26.2	58.8	9.6	4.0	1.2	0.2						
– – – –	20.3	39.5	15.4	16.0	8.8							
- - - - - -	41.0	45.0	6.4	6.0	1.6							



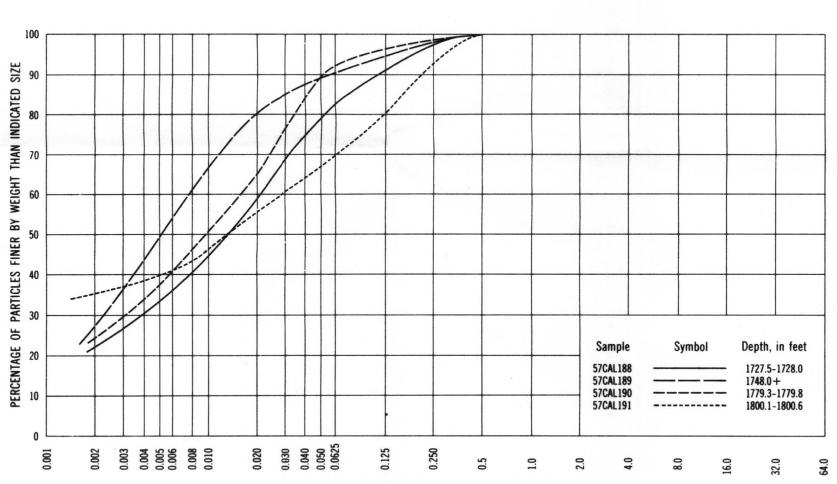
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	17.0	41.4	23.6	15.6	2.4							
— — —	10.5	22.3	22.8	36.0	8.4							
– – – –	21.0	46.2	12.6	14.0	6.0	0.2						
- - - - - -	22.0	56.0	12.0	7.6	2.4							



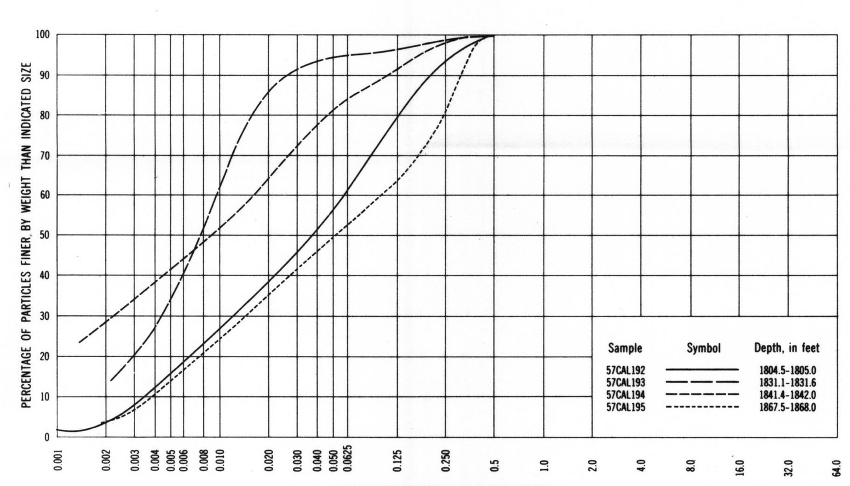
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	20.0	56.0	10.0	9.2	4.8							
— — —	28.0	42.8	12.0	13.4	3.8							
– – – –	23.3	41.9	14.8	15.6	4.4							
- - - - - -	52.0	30.0	5.6	7.6	4.8							



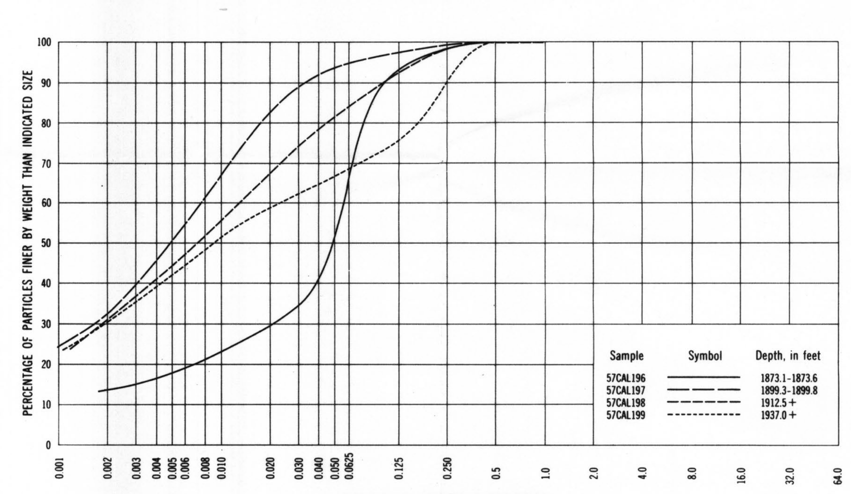
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	29.0	55.4	6.0	6.4	3.2							
— — —	40.5	51.5	5.6	1.6	0.8							
– – – –	21.0	35.0	19.2	22.0	2.8							
- - - - - -	40.0	51.0	4.2	3.0	1.6	0.2						



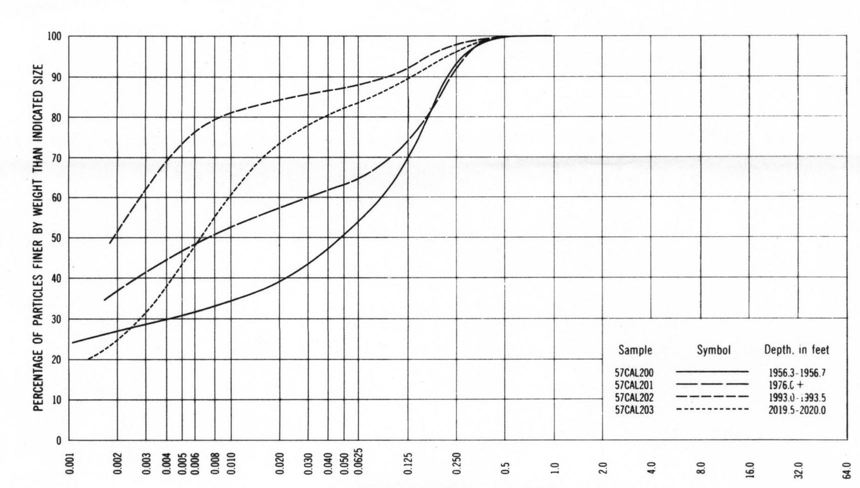
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	31.0	52.4	7.2	6.8	2.6							
— — —	43.0	47.8	3.2	4.0	2.0							
– – – –	34.0	59.0	3.6	1.8	1.6							
- - - - - -	39.0	30.8	10.2	12.6	7.4							



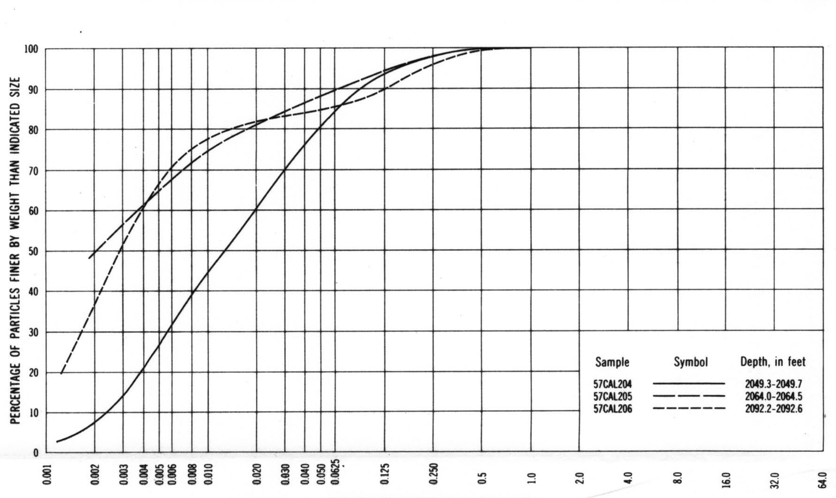
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	12.8	49.2	18.0	13.7	6.3							
— — —	27.2	68.2	1.4	1.4	1.8							
– – – –	38.0	46.2	7.4	6.6	1.8							
- - - - - -	11.0	42.2	10.8	16.4	19.6							



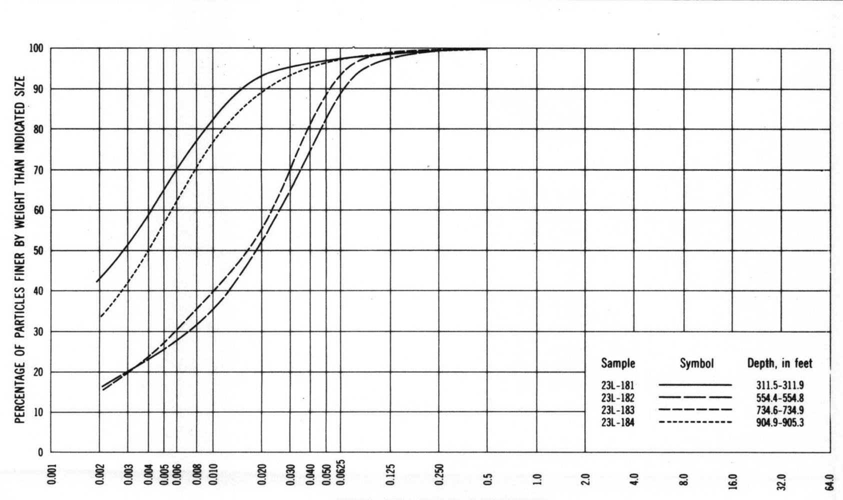
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	16.7	48.1	28.4	4.8	2.0							
— — —	45.0	49.8	2.8	1.6	0.8							
– – – –	41.0	43.2	7.8	6.2	1.6	0.2						
- - - - - -	39.0	29.8	6.9	13.1	11.2							



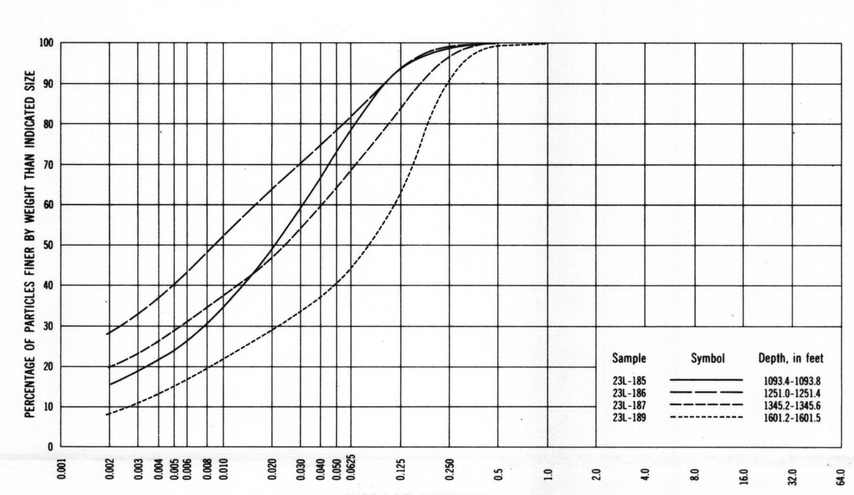
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	30.0	23.0	16.4	22.8	7.6	0.2						
— — —	44.5	20.1	9.2	16.6	9.6							
– – – –	69.0	18.8	4.0	6.0	2.0	0.2						
- - - - - -	37.2	46.6	5.4	7.4	3.4							



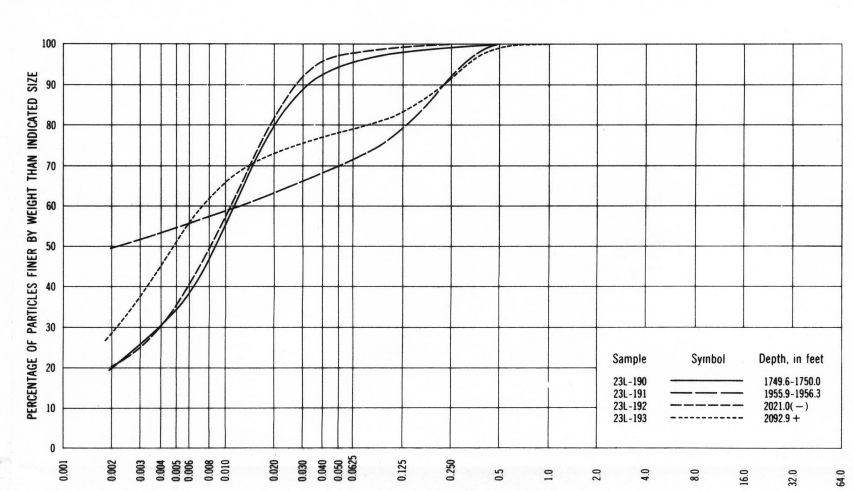
PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	20.7	63.7	9.2	4.4	2.0							
— — —	61.0	28.8	4.6	4.0	1.5	0.1						
– – – –	60.5	25.3	4.2	6.0	3.6	0.4						



PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	58.8	39.0	0.8	1.0	0.4							
— — —	23.0	65.8	9.0	1.8	0.4							
– – – –	23.5	70.3	5.6	0.4	0.2							
- - - - - -	49.8	48.0	1.2	0.8	0.2							



PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	21.4	57.0	15.0	5.4	1.2							
— — —	36.8	45.0	11.8	5.4	1.0							
– – – –	26.0	42.2	15.6	12.6	3.6							
- - - - - -	13.4	31.2	18.0	27.8	9.2	0.4						



PERCENT OF PARTICLES OF INDICATED SIZE	CLAY <0.004	SILT 0.004-0.0625	SAND					GRAVEL				
			Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1	Very coarse 1-2	Very fine 2-4	Fine 4-8	Medium 8-16	Coarse 16-32	Very coarse 32-64
———	30.0	65.6	2.4	1.6	0.4							
— — —	53.5	17.7	7.6	13.0	8.2							
– – – –	29.5	68.5	1.6	0.4								
- - - - - -	44.5	34.5	4.0	8.4	7.8	0.8						

GRAPHS OF PARTICLE-SIZE DISTRIBUTION CURVES FOR SAMPLES FROM CORE HOLE 19/17-22J1, 2 IN THE LOS BANOS-KETTLEMAN CITY AREA, CENTRAL CALIFORNIA

263-524 O-67 (In pocket)