Sieve Analysis Simulation

Having finished the exercise transfer the data from column "Reading & Mass Retained" into the Table below and calculated values in the fourth and the fifth column.

Sample A

	Record Mass of the Sample

Sieve	Reading	Mass retained	Mass passing	Summation
Size (mm)		(g)	(g)	percentage
5.00				
3.35				
2.00				
1.18				
0.600				
0.425				
0.300				
0.225				
0.150				
0.063				
Pan				

Sample B

	Record Mass of the Sample

Reading	Mass retained	Mass passing	Summation
	(g)	(g)	percentage

Simplified recording of Hydrometer analysis - Mass retained = Mass of the sample x percentage record

0.04	%			
0.01	%			
0.004	%			
Clay	%			

%			
%			
%			
%			

Sketch the grain-size distribution of sample A and B (use different colours) onto the graph below