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The Sieve analysis process of Nickel Slag and Crushed Stone as Coarse Aggregate for the Pervious Concrete.



Mixing process of the Pervious Concrete Mixture using Laboratory Concrete Mixture.



Placing and compacting of the concrete mix into the Cylinder Mould of 152mm and 305mm.



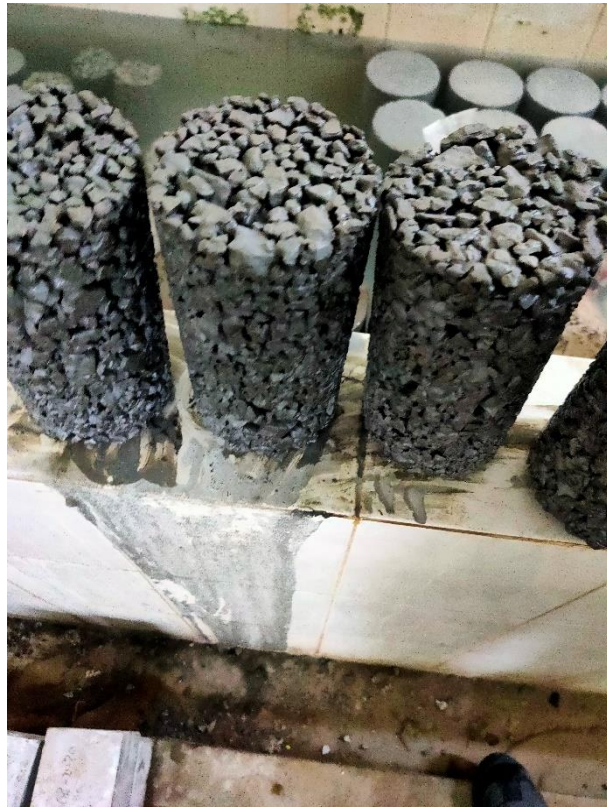
Final placing of the concrete mix into the cylinder mould to make the pervious concrete specimens.



Placing of the concrete specimens into the water bath for curing process (Hydration).



Removing the specimen from the water bath after reaching its specified curing time.



Placing of the Specimens to the room temperature for 24 hours before strength testing of the Pervious Concrete using Universal Testing Machine.



Compressive Strength testing of the Pervious Concrete Specimen using the Method of Linear Variable Differential Transformer



Specimen undergoes a Split Tensile Strength Test using the Linear Variable Differential Transformer (LVDT)



Measuring the Height and Width of the Pervious Concrete using the measuring Vernier Caliper .



Checking the weight of the Nickel Slag Aggregate using the Digital Weighing Scale.



Portland Composite Cement (PCC) ready to be scaled and used in the concrete mix.