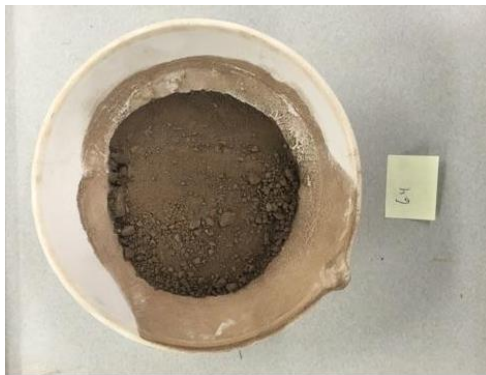




Caption- These are soil samples that were collected out in the field and analyzed in the Geotechnical Engineering Lab. These samples are mostly made of a silt material with a small trace of rock.



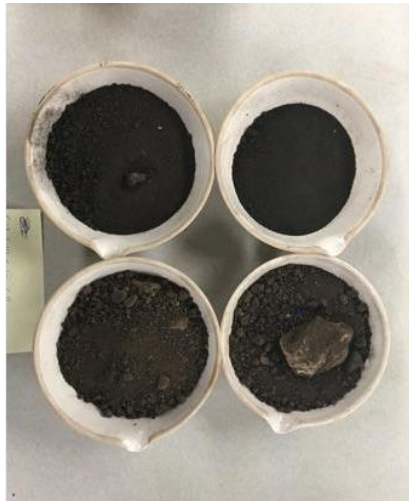
Caption- These are soil samples that were collected out in the field and analyzed in the Geotechnical Engineering Lab. These samples are mostly made up of a silt clay-like material with some rock present.



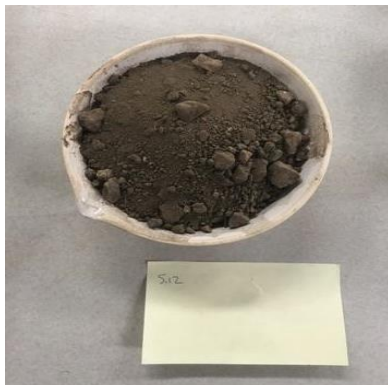
Caption- This is a soil sample collected out in the field and analyzed in the Geotechnical Engineering Lab. This sample appears to be a sandy clay.



Caption- These are soil samples collected in the field and analyzed in the Geotechnical Engineering Lab. These samples appear to have some type of sandy clay and large amounts of rock present in them.



Caption- These are soil samples collected in the field and analyzed in the Geotechnical Engineering Lab. These samples were collected in the same area however, vary somewhat in soil classification. Some of the samples have more amounts of rocks where as others have more amounts sandy clay present in them.



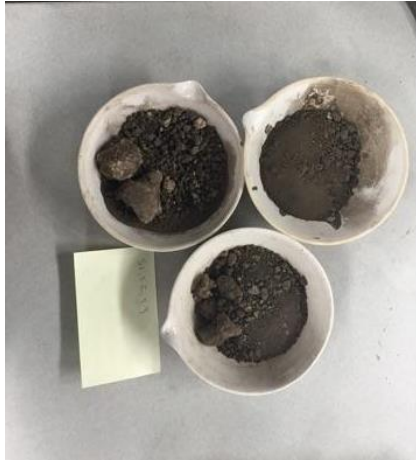
Caption- This a soil sample collected in the field and analyzed in the Geotechnical Engineering Lab. This sample has some amounts of rocks and some amounts of sandy clay.



Caption- These are soil samples collected in the field and analyzed in the Geotechnical Engineering Lab. These samples have large amounts of sandy clay and small amounts of rocks present in the soil.



Caption- These samples were collected in the same area however have somewhat different soil classifications. Two of the soil samples have a type of silt present with a small trace of rock. The two other soil samples have a little bit of silt present with large amounts of gravel and rock.



Caption-These are soil samples collected in the field and analyzed in the Geotechnical Engineering Lab. These soils were put in the oven in order to determine the moisture content and then mashed up to help conduct a sieve analysis for soil classification.



Caption- These are soil samples collected in the field and analyzed in the Geotechnical Engineering Lab. These samples were mashed up in order to determine the sieve analysis and soil classification.



Caption-This is a soil sample that Ryan King just took out of the oven and is ready to determine the soil's moisture content.



Caption-These are soil samples that Hasan Mohammad and Leah Richardson are getting ready to mash up for the sieve analysis and soil classification.



Caption-These are soil samples that Holly Swenson is mashing up for the sieve analysis and soil classification.



Caption-This a part of the Sinclair Wash Trail where soil samples were collected.



Caption-This a part of Sinclair Wash where the soil samples were collected and pipe measurements were taken.



Caption- This is a part of Sinclair Wash Trail where the rock grid was used in order to do the pebble count.



Caption-This is a part of the Sinclair Wash Trail where the rectangular culvert was measured and inventory was taken.



Caption-This a part of the Sinclair Wash Trail where the pebble count was done. Hasan Mohammad is using the grid in order to do the pebble count and Holly Swenson is recording the values.



Caption-This a part of the Sinclair Wash Trail that goes through Northern Arizona University Campus. This is part of the trail where surveying took place.



Caption-This is a part of the Sinclair Wash Trail where inventory was taken.



Caption-This is a part of Sinclair Wash where inventory was taken and soil samples were collected.



Caption- This is a culvert on the Sinclair Wash Trail. The pipe diameter was measured.





Caption- This is an underground tunnel that goes between cross sections on Northern Arizona University Campus for the Sinclair Wash Trail.



Caption-This a part of the Sinclair Wash Trail on Northern Arizona University Campus. Hasan Mohammad is currently taking inventory on the different types of plants on the trail.



Caption- This is a part of the Sinclair Wash Trail on Northern Arizona University Campus. This is where Ryan King, Hasan Mohammad, Leah Richardson, and Holly Swenson started the inventory for the Sinclair Wash Trail.



Caption-This is a part of the Sinclair Wash Trail on Northern Arizona University Campus. This is where the bridge goes from one cross section to another near the Suites Apartments towards Pine Knoll Drive.



Caption-This a part of the Sinclair Wash Trail where inventory was taken.



Caption- This is a part of the Sinclair Wash Trail where a pipe was measured.



Caption-This a part of the Sinclair Wash Trail where inventory and soil samples were taken. This part of the trail is near Hilltop Town Homes.



Caption-This is a part of the Sinclair Wash Trail where surveying was done near the Suites Apartments.



Caption-This a part of the Sinclair Wash Trail where surveying and soil sample collecting was done. This field work took place near Big 5 and the Wal-Mart Plaza.



Caption-This is a part of the Sinclair Wash Trail where Inventory was taken on Northern Arizona University Campus.



Caption-This is a part of the Sinclair Wash Trail where surveying and inventory took place. This is near San Francisco Street.



Caption-This is a part of the Sinclair Wash Trail where soil sampling and surveying took place. This is part of the Sinclair Wash Trail is heading towards the Grove Apartments.



Caption- This is the part of Sinclair Wash Trail near Wal-Mart and Big 5. This tunnel present is dividing the two cross sections. This is where surveying and soil sample collecting took place.



Caption-This the part of the Sinclair Wash Trail heading towards the Grove Apartments. This is where the pipe diameters were measured, soil sample collecting was done, inventory was taken, and surveying was done.



Caption- This the part of Sinclair Wash Trail where inventory was taken.



Caption-This is a part of the Sinclair Wash Trail where the pipe diameters were measured and inventory was taken.



Caption-This is a part of the Sinclair Wash Trail where soil samples were collected and inventory was taken.



Caption-This is a part of the Sinclair Wash Trail on Northern Arizona University Campus. This gives one a general idea about the hydrologic and hydraulic analysis on how much water the trail can hold.



Caption-This is a pond on the Sinclair Wash Trail located near the Hilltop Town Homes.



Caption-This a pond on the Sinclair Wash Trail that is heading towards the Grove Apartments.



Caption-This is a part of the Sinclair Wash Trail where the pipe diameters were measured and soil samples were taken.



Caption-This is a part of the Sinclair Wash Trail where soil samples were taken.



Caption- This is a part of the Sinclair Wash Trail where plant inventory was taken.





Caption-This is a part of the Sinclair Wash Trail where inventory was taken such as the trash around the area , pipe material, and pipe damage.



Caption-This is a part of the Sinclair Wash Trail where inventory was taken. At this spot, there is a water storage tank and a bridge dividing the two cross sections.



Caption-This a part of the Sinclair Wash Trail near the Suites Apartments. There is a bridge dividing the two cross sections.



Caption- This a part of the Sinclair Wash Trail where plant inventory was taken and the pipe diameter was measured.



Caption-This a part of the Sinclair Wash Trail where different types of inventory were taken.



Caption- This is a part of the Sinclair Wash Trail near Denny's and on Northern Arizona University Campus where the inventory for the trail first started.



Caption-This is a part of the Sinclair Wash Trail where Ryan King, Hasan Mohammad, Leah Richardson, and Holly Swenson first started taking inventory for the Sinclair Wash Trail on Northern Arizona University Campus.



Caption- This is a part of the Sinclair Wash Trail where Hasan Mohammad and Leah Richardson took inventory.



Caption-This is a part of the Sinclair Wash Trail where pipe and plant inventory was taken.



Caption-This is a part of the Sinclair Wash Trail where soil sample collecting was done.



Caption-This is a part of the Sinclair Wash Trail where surveying was done.



Caption-This is a part of the Sinclair Wash Trail where the pipe diameters were measured and plant inventory was taken.



Caption-This is a part of the Sinclair Wash Trail where the pipe material inventory was taken.



Caption-This is a part of the Sinclair Wash Trail where the pipe materials were analyzed and the pipe diameters were measured.