



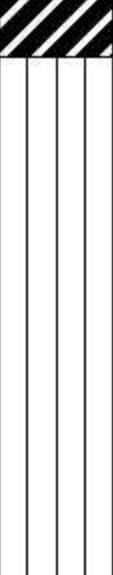




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TEST PIT NUMBER TP-46

CLIENT SPIA - SOCIEDAD PUERTO INDUSTRIAL AGUADULCE PROJECT NAME PUERTO AGUADULCE
 PROJECT NUMBER 13016 PROJECT LOCATION AGUADULCE, BUENAVENTURA, COLOMBIA
 DATE STARTED 30/5/13 COMPLETED 30/5/13 GROUND ELEVATION _____ TEST PIT SIZE _____
 EXCAVATION CONTRACTOR Edifica Colombia Ltda GROUND WATER LEVELS:
 EXCAVATION METHOD Backhoe AT TIME OF EXCAVATION ---
 LOGGED BY Juan Carlos Vergara CHECKED BY Luis F Vesga AT END OF EXCAVATION ---
 NOTES _____ AFTER EXCAVATION ---

DEPTH (m)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
		CH		(CH) CLAY, ocher, high plasticity, low moisture
		CH		(CH) Clay yellow, high plasticity, low moisture
		CH		(CH) CLAY, gray, high plasticity, low moisture
		CH		(CH) CLAY, yellow, gray veins, high plasticity, low moisture
2		ML		(ML) SILT, dark gray (Saprolite)
				3.60

Bottom of test pit at 3.60 meters.

GENERAL BH / TP / WELL GEOTECHNICAL INVESTIGATION FOR SPIA. TEST BORINGS LOGS.GPJ GINT STD CANADA LAB.GDT 18/6/13

Preliminary