



Edifica Colombia Ltda
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BORING NUMBER BH-19

CLIENT SPIA - SOCIEDAD PUERTO INDUSTRIAL AGUADULCE PROJECT NAME PUERTO AGUADULCE
 PROJECT NUMBER 13016 PROJECT LOCATION AGUADULCE, BUENAVENTURA, COLOMBIA
 DATE STARTED 12/7/13 COMPLETED 12/7/13 GROUND ELEVATION 14 m 0 HOLE SIZE NQ
 DRILLING CONTRACTOR Edifica Colombia Ltda GROUND WATER LEVELS:
 DRILLING METHOD Rig XY1 AT TIME OF DRILLING 1.40 m / Elev 12.60 m
 LOGGED BY Roberto Nieves CHECKED BY Luis F Vesga AT END OF DRILLING ---
 NOTES Upland Borehole AFTER DRILLING ---

DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (kPa)	DRY UNIT WT. (Mg/m ³)	SPT N VALUE						
								20	40	60	80			
2		(CL-ML) Silty CLAY, brown, low plasticity, moist	SH 1	100										
		(CL-ML) Silty CLAY, light gray, orange bands, low plasticity, moist	SH 2	100										
			SH 3	100										
			SH 4	100										
4		(CL-ML) Silty CLAY, dark gray, low plasticity, moist	SPT 5	100	3-4-4 (8)									
6		(ML) Sandy SILT, dark gray, low plasticity, moist	SPT 6	100	5-6-8 (14)									
		(ML) SILT, dark gray, presence of sand, fine grained, light gray	SPT 7	100	8-50									
8		Siltstone, dark gray, presence of Sandstone, gray, highly fractured, fresh	RC 8	54 (0)										
			RC 9	61 (33)										
10														

Bottom of borehole at 10.00 meters.

GEOECHBHPLOTS GEOTECHNICAL INVESTIGATION FOR SPIA. TEST BORINGS LOGS.GPJ GINT STD CANADA LAB.GDT 13/7/13



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BOREHOLE BH-19

PHOTOGRAPHIC RECORD ROCK CORES

