



Edifica Colombia Ltda  
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# BORING NUMBER BH-23

CLIENT SPIA - SOCIEDAD PUERTO INDUSTRIAL AGUADULCE PROJECT NAME PUERTO AGUADULCE  
 PROJECT NUMBER 13016 PROJECT LOCATION AGUADULCE, BUENAVENTURA, COLOMBIA  
 DATE STARTED 24/6/13 COMPLETED 25/6/13 GROUND ELEVATION 15 m 0 HOLE SIZE NQ  
 DRILLING CONTRACTOR Edifica Colombia Ltda GROUND WATER LEVELS:  
 DRILLING METHOD Rig XY1  AT TIME OF DRILLING 1.50 m / Elev 13.50 m  
 LOGGED BY Juan Carlos Vergara 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 <sup>3</sup> )	SPT N VALUE	
								PL	LL
0 - 1.5		(CH) CLAY, yellow and light gray, high plasticity, damp	SH 1	92					
1.5 - 2.0		(CL-ML) Silty CLAY, dark gray, low plasticity, damp	SH 2	58					
2.0 - 2.5		(CL-ML) Silty CLAY, dark gray, low plasticity, damp with presence of organic soil	SH 3						
2.5 - 3.5		(CL-ML) Silty CLAY, dark gray, low plasticity, damp with presence of organic soil	SH 4	62					
3.5 - 4.0		(CL-ML) Clayey SILT, dark gray, consistency medium to firm	SPT 5	100	2-3-4 (7)				
4.0 - 6.0		(ML) Sandy SILT, dark gray, low plasticity, damp, consistency medium to firm	SPT 6	100	3-4-6 (10)				
6.0 - 7.5		(ML) Sandy SILT, dark gray, low plasticity, damp, consistency medium to firm	SPT 7	100	14-24-50 (74)				
7.5 - 8.5		Siltstone, dark gray, presence of sand, weathered, fractured	RC 8	91 (58)					
8.5 - 10.0		Siltstone, dark gray, presence of sand, weathered, fractured	RC 9	79 (38)					

Bottom of borehole at 10.00 meters.

GEOECHBHPLOTS GEOTECHNICAL INVESTIGATION FOR SPIA. TEST BORINGS LOGS.GPJ GINT STD CANADA LAB.GDT 29/6/13