



Edifica Colombia Ltda
 Cra 48 No. 98-57
 Bogotá D.C. Colombia
 Telephone: (057) 5086013
 Fax: (057) 2362121

BORING NUMBER BH-14

CLIENT SPIA - SOCIEDAD PUERTO INDUSTRIAL AGUADULCE PROJECT NAME PUERTO AGUADULCE
 PROJECT NUMBER 13016 PROJECT LOCATION AGUADULCE, BUENAVENTURA, COLOMBIA
 DATE STARTED 14/7/13 COMPLETED 15/7/13 GROUND ELEVATION 5 m 0 HOLE SIZE NQ
 DRILLING CONTRACTOR Edifica Colombia Ltda GROUND WATER LEVELS:
 DRILLING METHOD Rig XY1 ▽ AT TIME OF DRILLING 1.20 m / Elev 3.80 m
 LOGGED BY Roberto Nieves CHECKED BY Luis F Vesga ▼ AT END OF DRILLING 2.00 m / Elev 3.00 m
 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		
0.0 - 0.5		(CH) CLAY, light gray, orange bands, low to high plasticity, low moisture	SH 1	100		50							
0.5 - 1.0		(CH) CLAY, dark gray, low to high plasticity, low moisture	SH 2	100		60							
1.0 - 1.5		(CL-ML) Silty CLAY, dark gray, brown bands, low plasticity, moist	SH 3	76		70							
1.5 - 2.0		(ML) SILT, dark gray, low plasticity, moist, firm	SPT 4	100	6-12-18 (30)								
2.0 - 4.0		(ML) SILT, dark gray, presence of sand, light gray, low plasticity, moist	SPT 5	100	12-14-16 (30)								
4.0 - 6.0		(ML) SILT, dark gray, presence of sand, light gray, low plasticity, moist	SPT 6	100	8-11-15 (26)								
6.0 - 8.0		(ML) SILT, dark gray, presence of sand, light gray, low plasticity, moist	SPT 7	100	12-28-50 (78)								
8.0 - 9.0		Sandstone, dark gray, presence of siltstone, dark gray, fractured, fresh	RC 8	73 (30)									
9.0 - 10.0		Sandstone, dark gray, presence of siltstone, dark gray, fractured, fresh	RC 9	100 (53)									

GEOECHIBPLOTS GEOTECHNICAL INVESTIGATION FOR SPIA. TEST BORINGS LOGS.GPJ GINT STD CANADA LAB.GDT 15/7/13



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								20	40	60	80		
12	[Dotted pattern]	Sandstone, dark gray, presence of siltstone, dark gray, fractured, fresh (continued)	RC 10	87 (85)									
			RC 11	87 (33)									
14	[Cross-hatched pattern]	Siltstone, dark gray, fractured, fresh	RC 12	100 (84)									
			RC 13	87 (73)									
16			RC 14	100 (80)									
			RC 15	93 (65)									
18			RC 16	85 (47)									
20													

Bottom of borehole at 20.00 meters.

GEOTECHBHPLOTS GEOTECHNICAL INVESTIGATION FOR SPIA. TEST BORINGS LOGS.GPJ GINT STD CANADA LAB.GDT 15/7/13

Preliminary



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COLOMBIA LTDA

GEOTECHNICAL INVESTIGATION FOR SPIA. BOREHOLE BH-14

PHOTOGRAPHIC RECORD ROCK CORES

