



Edifica Colombia Ltda
 Cra 48 No. 98-57
 Bogotá D.C. Colombia
 Telephone: (057) 5086013
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BORING NUMBER BH-20

CLIENT SPIA - SOCIEDAD PUERTO INDUSTRIAL AGUADULCE PROJECT NAME PUERTO AGUADULCE
 PROJECT NUMBER 13016 PROJECT LOCATION AGUADULCE, BUENAVENTURA, COLOMBIA
 DATE STARTED 1/7/13 COMPLETED 3/7/13 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 1.50 m / Elev 3.50 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
2		Organic Soil. Humus	SH 1								
		(CH) CLAY, yellow, red bands, high plasticity, moist	SH 2								
		(CH) CLAY, gray, red bands, high plasticity, moist	SH 3	0							
		No recovery. Soft soil	SH 4	0							
4		No recovery. Soft soil									
		(CL-ML) Clayey SILT, dark gray, low plasticity, moist, firm consistency	SPT 5	100	5-7-10 (17)						
			SPT 6	100	9-10-14 (24)						
			SPT 7	100	15-21-41 (62)						
8			SPT 8	100	11-34-50 (84)						
		Siltstone, dark gray, fresh, friable, fractured	RC 9	14 (0)							
10											

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



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								20	40	60	80			
	XXXXXX	Siltstone, dark gray, fresh, friable, fractured (continued)	RC 10	60 (41)										
12	Sandstone, dark gray, fresh, fractured	RC 11	87 (85)										
14	Sandstone, dark gray, fresh, fractured, presence of seashells	RC 12	100 (79)										
16	Sandstone, dark gray, fresh, fractured, presence of seashells	RC 13	83 (71)										
18	XXXXXX	Siltstone, dark gray, fresh, fractured	RC 14	100 (90)										
	XXXXXX		RC 15	60 (55)										
20	XXXXXX		RC 16	100 (93)										

Bottom of borehole at 20.00 meters.

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



EDIFICA
COLOMBIA LTDA

GEOTECHNICAL INVESTIGATION FOR SPIA.
BOREHOLE BH-20

PHOTOGRAPHIC RECORD ROCK CORES

