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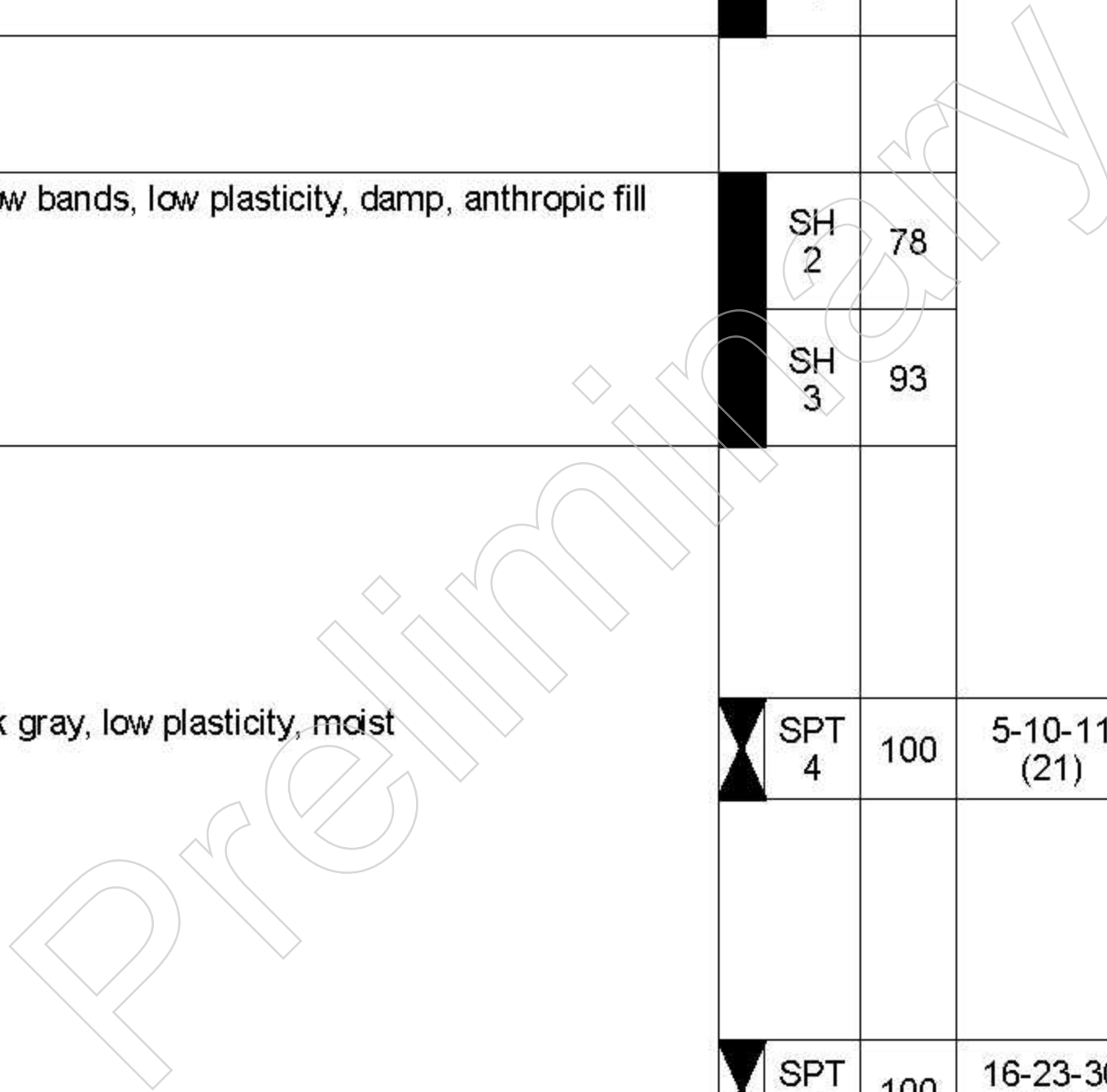
# BORING NUMBER BH-16

CLIENT SPIA - SOCIEDAD PUERTO INDUSTRIAL AGUADULCE PROJECT NAME PUERTO AGUADULCE  
 PROJECT NUMBER 13016 PROJECT LOCATION AGUADULCE, BUENAVENTURA, COLOMBIA  
 DATE STARTED 18/7/13 COMPLETED 19/7/13 GROUND ELEVATION \_\_\_\_\_ HOLE SIZE \_\_\_\_\_  
 DRILLING CONTRACTOR Edifica Colombia Ltda GROUND WATER LEVELS:  
 DRILLING METHOD Rig XY1 ▽ AT TIME OF DRILLING 1.80 m  
 LOGGED BY Roberto Nieves CHECKED BY Luis F Vesga ▼ AT END OF DRILLING 1.00 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 <sup>3</sup> )	SPT N VALUE				
								20	40	60	80	
0.0 - 0.5		(CL) CLAY, gray, yellow bands, low plasticity, damp, fill	SH 1	68								
0.5 - 1.0		No recovery. Soft Soil										
1.0 - 1.5		(CL) CLAY, gray, yellow bands, low plasticity, damp, anthropic fill	SH 2	78								
1.5 - 2.0			SH 3	93								
2.0 - 4.0		(ML) Sandy SILT, dark gray, low plasticity, moist	SPT 4	100	5-10-11 (21)							
4.0 - 6.0			SPT 5	100	16-23-30 (53)							
6.0 - 8.0		Siltstone, dark gray, fractured, weathered	RC 6	57 (10)								
8.0 - 9.0			RC 7	100 (90)								
9.0 - 10.0		Siltstone, dark gray, fractured, presence of sandstone	RC 8	59 (40)								

Bottom of borehole at 10.00 meters.

GEOECHIBHPLOTS GEOTECHNICAL INVESTIGATION FOR SPIA. TEST BORINGS LOGS.GPJ GINT STD CANADA LAB.GDT 19/7/13





EDIFICA  
COLOMBIA LTDA

GEOTECHNICAL INVESTIGATION FOR SPIA.  
BOREHOLE BH-16

PHOTOGRAPHIC RECORD ROCK CORES



Preliminary