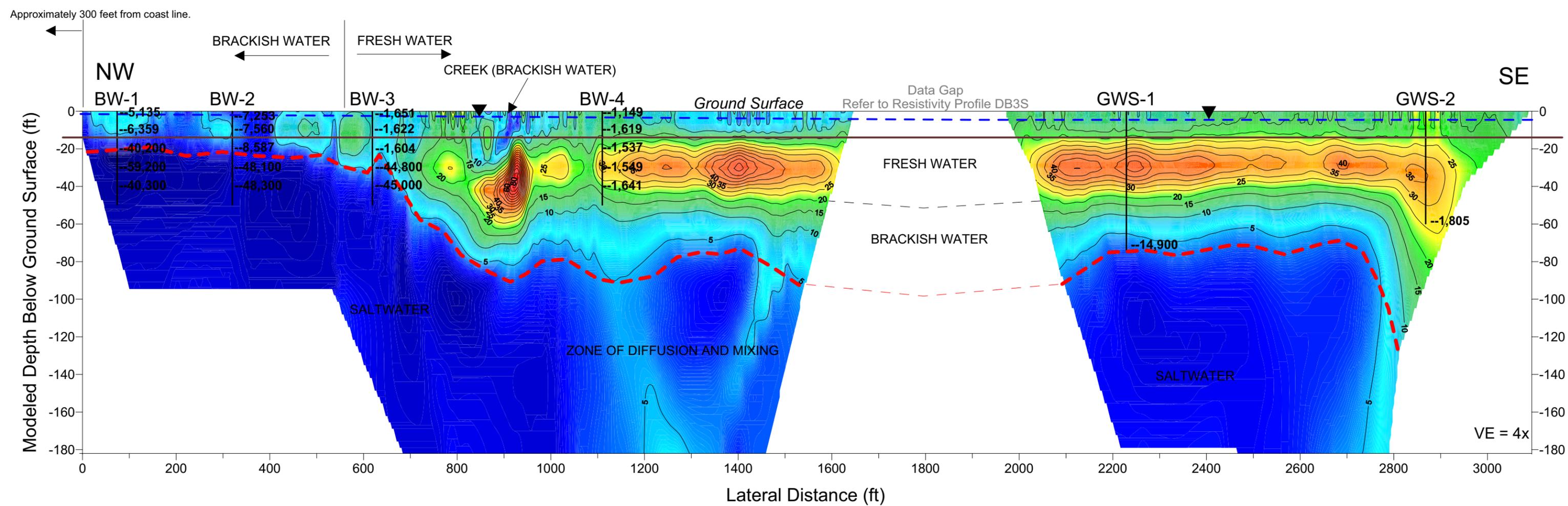
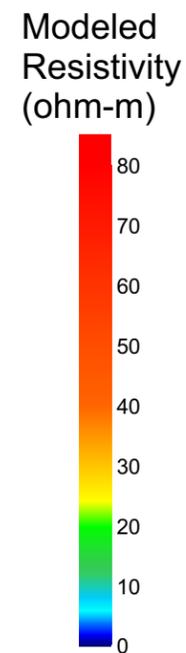


Figure 14. Interpreted contour map showing depth to top of saltwater layer in ft. b.g.s. as determined from monitoring well electrical resistivity and depth data. Well BW-4 has been estimated from geophysical resistivity profile on Figure 12.



*Figure 15. Interpreted Hydrogeologic Profile including Modeled Electrical Resistivity Profile, Groundwater Conductivity Data and Proposed Depth of Excavation of the Marina Basin Proposed Discovery Bay Site - Groundwater Investigation Aguada, PR - December 2005*



**LEGEND**

-  Interpreted Saltwater Interface
-  Monitoring Well/Groundwater Probe Location with Measured Conductivities in uS/cm during high tide at 14:30 on 12/07/05.
-  Approximate Groundwater Depth (2-5 ft. bgs)
-  Proposed Marina Excavation at 15.0 ft. bgs.



**Groundwater Investigation  
Proposed Discovery Bay Marina Site, Aguada, PR,  
12/20/2005**

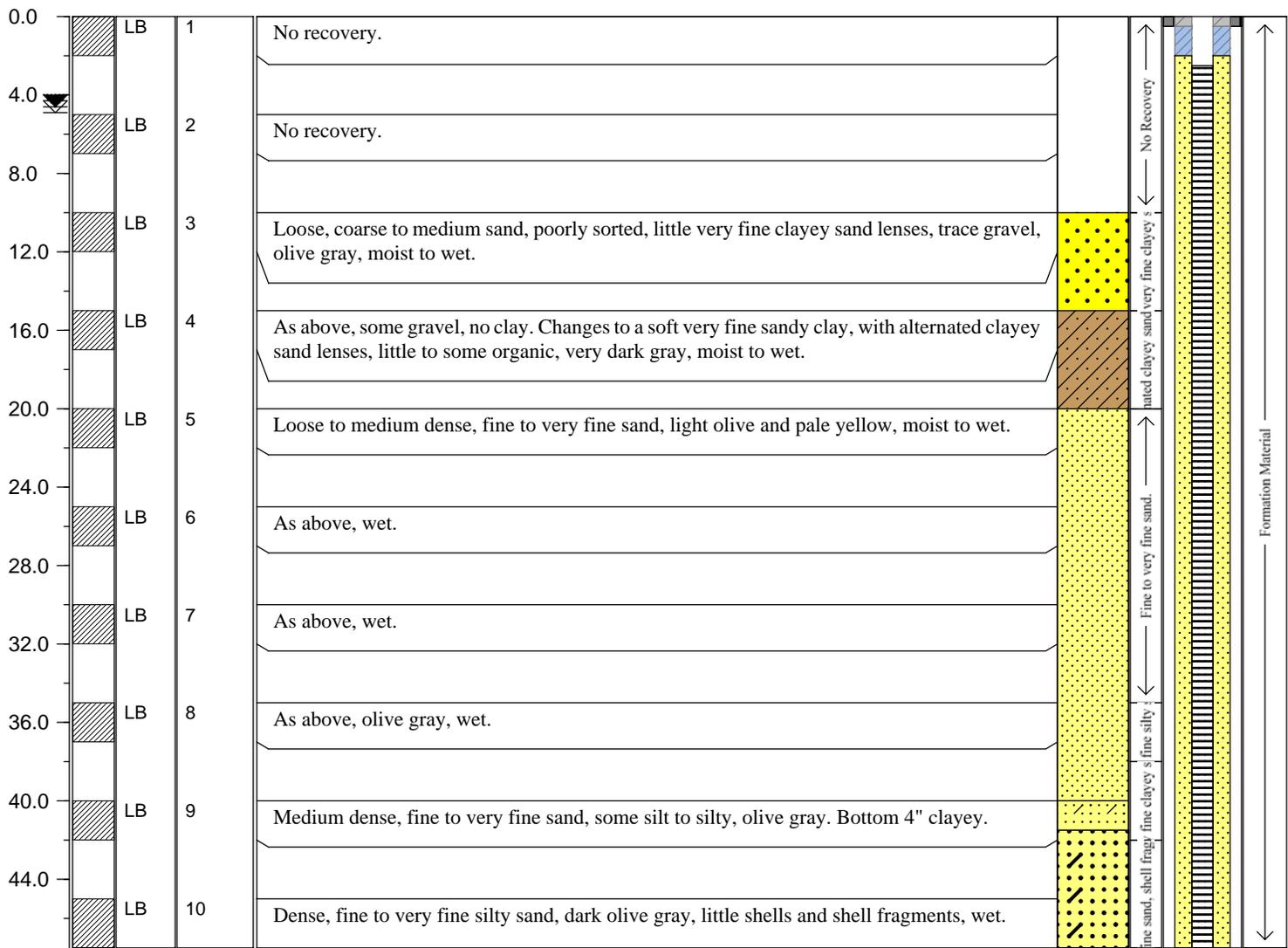
**APPENDIX 2.0 Boring logs**

PROJECT NUMBER: **291-05**      CLIENT: **Cordeco Northwest Corp.**      BOREHOLE/WELL DIAM.: **3.5"/2.0"**  
 PROJECT NAME: **Groundwater Investigation Discovery Bay Marina**      TOTAL DEPTH (ft.): **47.5'**  
 LOCATION: **Aguada, PR**      WELL DEPTH (ft.):      GROUND SURFACE ELEVATION: **0.675 mts.**  
 DRILLING CO: **JFA Geological & Environmental Scientists**  
 DRILLING METHOD: **DT-32 Geoprobe**

STATIC WATER LEVEL (Measured from Top of Casing)	
Depth (ft)	<b>4.6'</b>
Time	<b>1130</b>
Date	<b>12/3/05</b>

  
 FOREMAN: **D. González**  
 PROJ. GEOLOGIST: **J. Feliciano**  
 DATE BEGUN: **11/29/05**      DATE COMPLETED: **11/29/05**

DEPTH (ft.)	SAMPLE INTERVAL	SAMPLING METHOD	SAMPLE NUMBER	SOIL/ROCK DESCRIPTION	LITHOLOGY	FORMATION TYPE	WELL INSTALLATION	WELL CONST.
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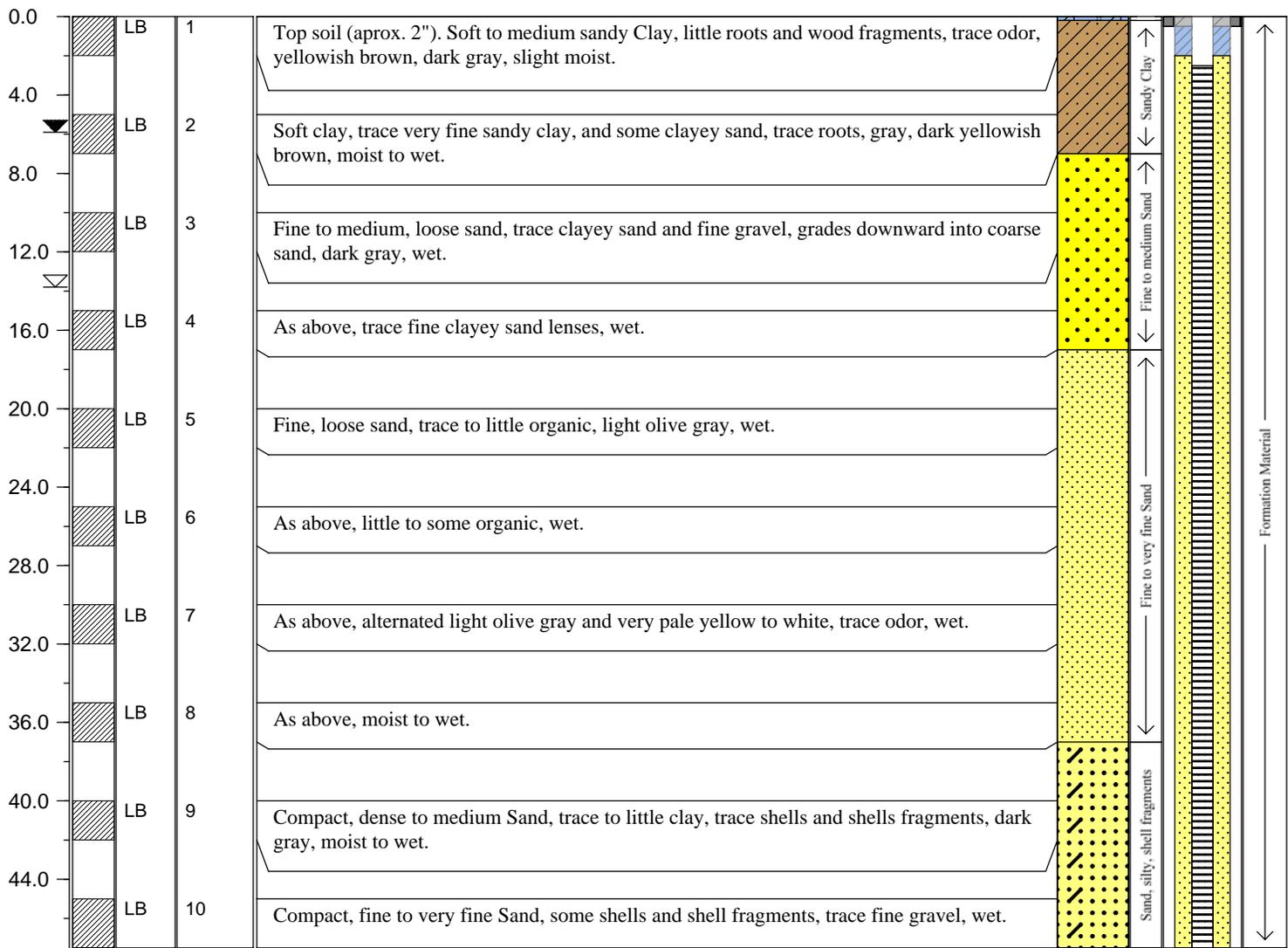


**Key:**  
 ▽ Water Level During Drilling    SS-Split Spoon Sample    LB- Large Bore Sample    D-Dry    M-Moist    ND-Non Detected  
 ▼ Static Water Level            RC-Rock Core Sample    MC-Macro Core Sample    SM-Slightly Moist    W-Wet

PROJECT NUMBER: **291-05**      CLIENT: **Cordeco Northwest Corp.**      BOREHOLE/WELL DIAM.: **3.5"/2.0"**  
 PROJECT NAME: **Groundwater Investigation Discovery Bay Marina**      TOTAL DEPTH (ft.): **47.5**  
 LOCATION: **Aguada, PR**      WELL DEPTH (ft.):      GROUND SURFACE ELEVATION: **1.24 mts.**  
 DRILLING CO: **JFA Geological & Environmental Scientists**  
 DRILLING METHOD: **DT-32 Geoprobe**      **STATIC WATER LEVEL (Measured from Top of Casing)**  
 FOREMAN: **D. González**  
 PROJ. GEOLOGIST: **J. Feliciano**  
 DATE BEGUN: **12/1/05**      DATE COMPLETED: **12/1/05**

Depth (ft)	<b>5.9'</b>	
Time	<b>1120</b>	
Date	<b>12/3/05</b>	

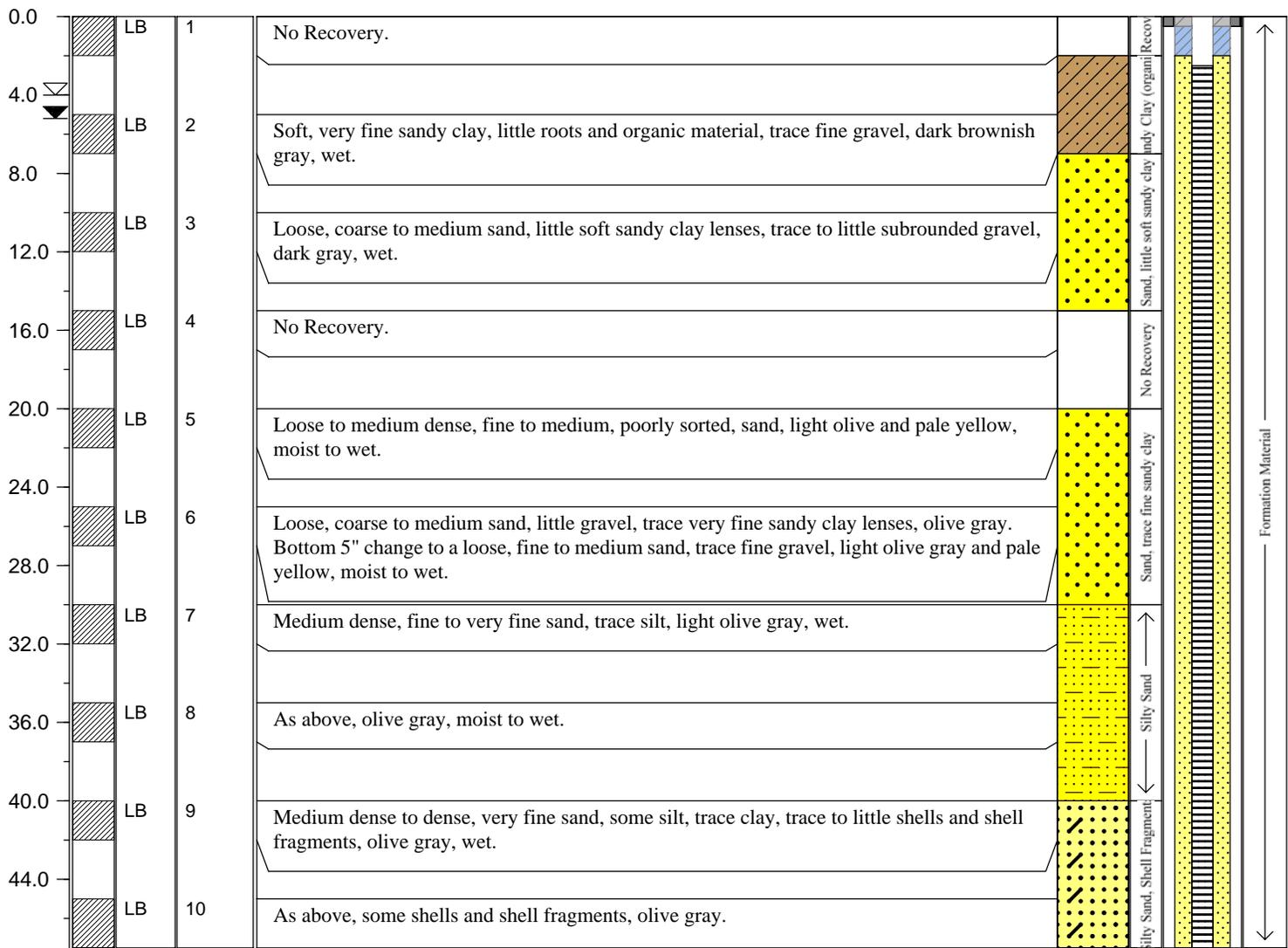
DEPTH (ft.)	SAMPLE INTERVAL	SAMPLING METHOD	SAMPLE NUMBER	SOIL/ROCK DESCRIPTION	LITHOLOGY	FORMATION TYPE	WELL INSTALLATION	WELL CONST.
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**Key:**  
 ▽ Water Level During Drilling    SS-Split Spoon Sample    LB- Large Bore Sample    D-Dry    M-Moist    ND-Non Detected  
 ▼ Static Water Level            RC-Rock Core Sample    MC-Macro Core Sample    SM-Slightly Moist    W-Wet

PROJECT NUMBER: <b>291-05</b>	CLIENT: <b>Cordeco Northwest Corp.</b>	BOREHOLE/WELL DIAM.: <b>3.5"/2.0"</b>
PROJECT NAME: <b>Groundwater Investigation Discovery Bay Marina</b>	TOTAL DEPTH (ft.): <b>47.5</b>	
LOCATION: <b>Aguada, PR</b>	WELL DEPTH (ft.):	GROUND SURFACE ELEVATION: <b>0.684 mts.</b>
DRILLING CO: <b>JFA Geological &amp; Environmental Scientists</b>	STATIC WATER LEVEL (Measured from Top of Casing)	
DRILLING METHOD: <b>DT-32 Geoprobe</b>	Depth (ft)	<b>5.20'</b>
FOREMAN: <b>D. González</b>	Time	<b>1135</b>
PROJ. GEOLOGIST: <b>J. Feliciano</b>	Date	<b>12/3/05</b>
DATE BEGUN: <b>12/2/05</b>	DATE COMPLETED: <b>12/2/05</b>	

DEPTH (ft.)	SAMPLE INTERVAL	SAMPLING METHOD	SAMPLE NUMBER	SOIL/ROCK DESCRIPTION	LITHOLOGY	FORMATION TYPE	WELL INSTALLATION	WELL CONST.
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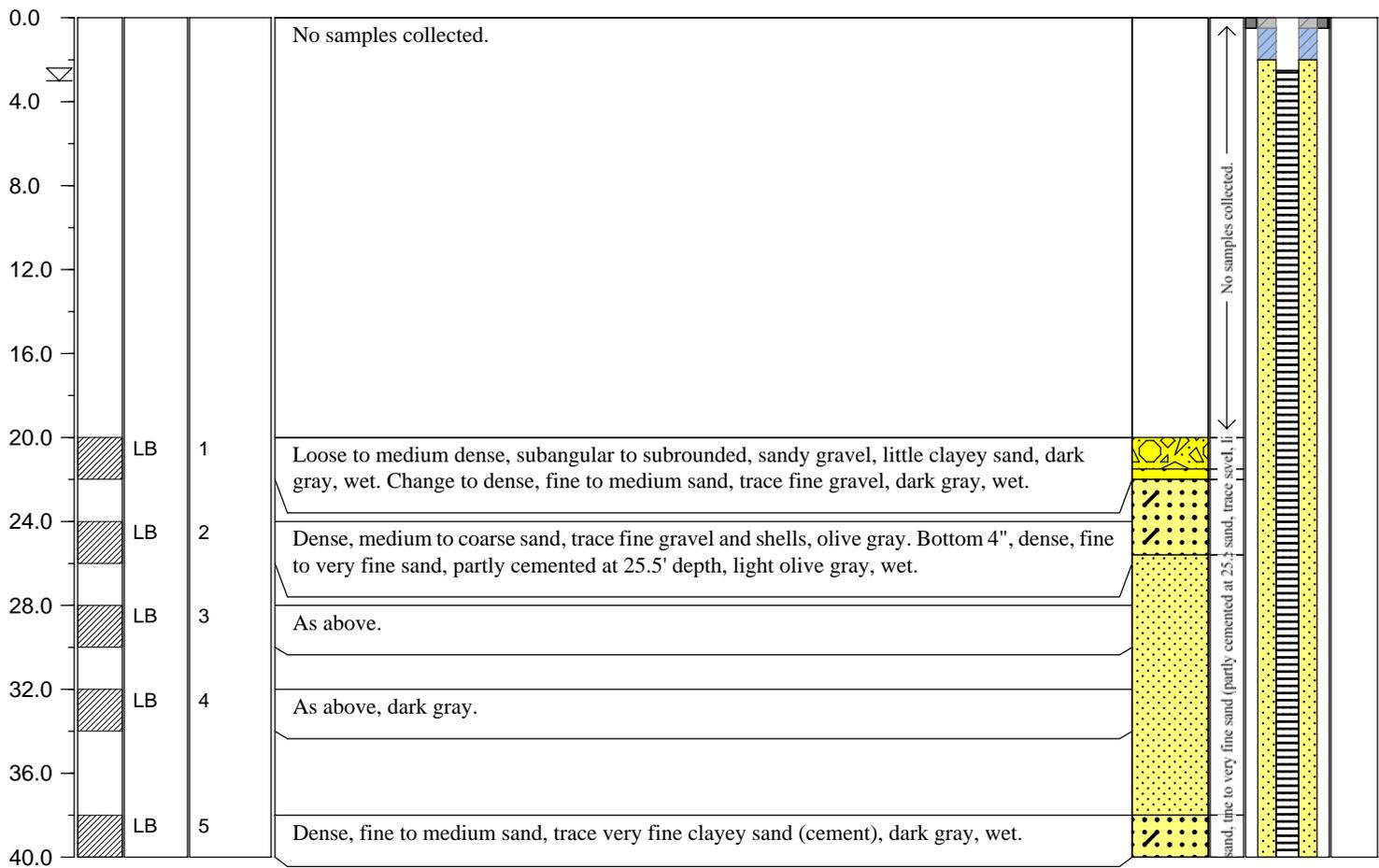
Key:

↘ Water Level During Drilling	SS-Split Spoon Sample	LB- Large Bore Sample	D-Dry	M-Moist	ND-Non Detected
▼ Static Water Level	RC-Rock Core Sample	MC-Macro Core Sample	SM-Slightly Moist	W-Wet	

PROJECT NUMBER: **291-05**      CLIENT: **Cordeco Northwest Corp.**      BOREHOLE/WELL DIAM.: **6.25"/2.0"**  
 PROJECT NAME: **Groundwater Investigation Discovery Bay Marina**      TOTAL DEPTH (ft.): **40.0'**  
 LOCATION: **Aguada, PR**      WELL DEPTH (ft.):      GROUND SURFACE ELEVATION:  
 DRILLING CO: **JFA Geological & Environmental Scientists**  
 DRILLING METHOD: **DT-32 Geoprobe**  
 FOREMAN: **D. González**  
 PROJ. GEOLOGIST: **J. Feliciano**  
 DATE BEGUN: **12/13/05**      DATE COMPLETED: **12/13/05**

STATIC WATER LEVEL (Measured from Top of Casing)		
Depth (ft)		
Time		
Date		

DEPTH (ft.)	SAMPLE INTERVAL	SAMPLING METHOD	SAMPLE NUMBER	SOIL/ROCK DESCRIPTION	LITHOLOGY	FORMATION TYPE	WELL INSTALLATION	WELL CONST.
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**Key:**  
 ∇ Water Level During Drilling    SS-Split Spoon Sample    LB-Large Bore Sample    D-Dry    M-Moist    ND-Non Detected  
 ▼ Static Water Level            RC-Rock Core Sample    MC-Macro Core Sample    SM-Slightly Moist    W-Wet

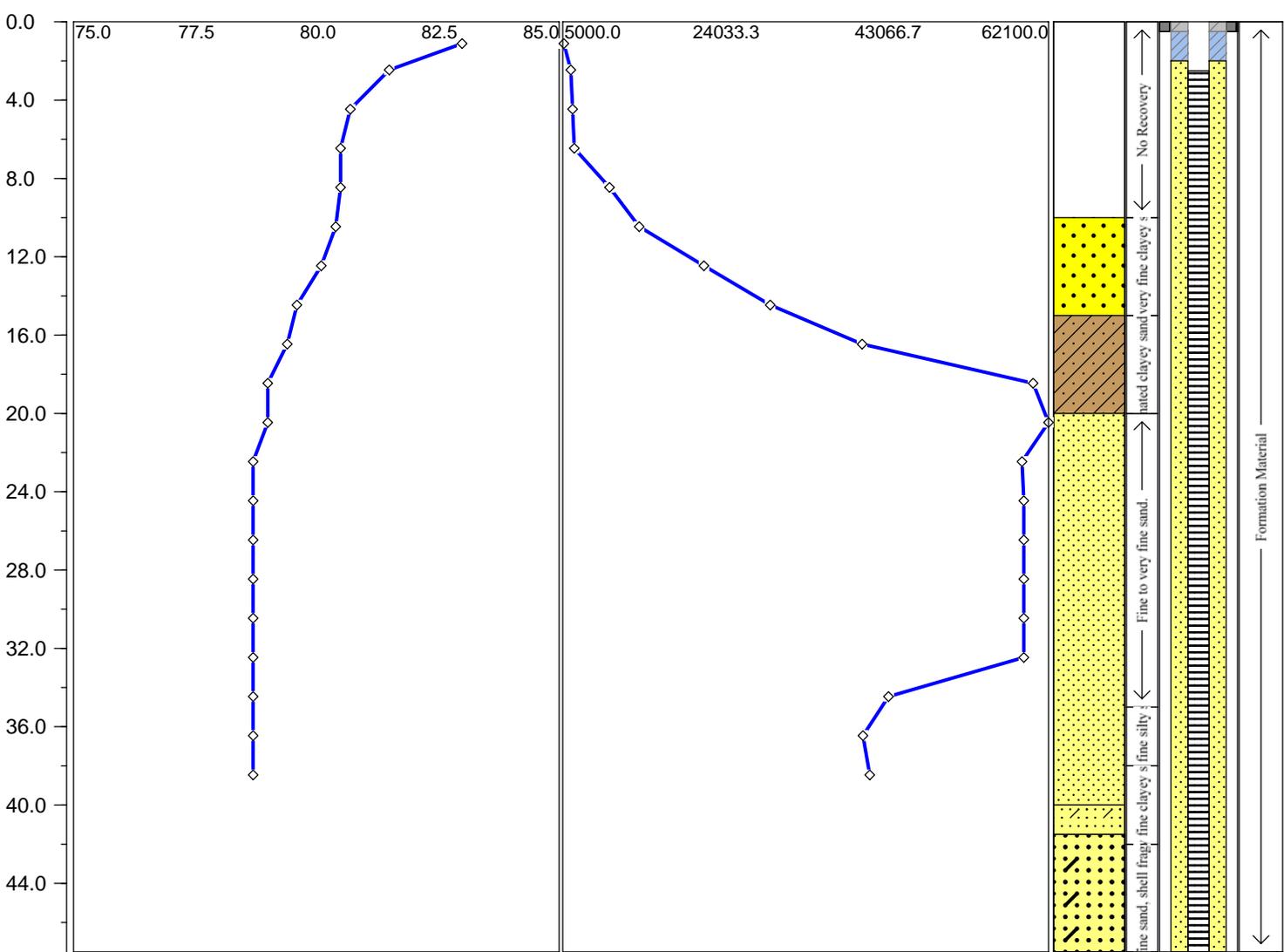
**Groundwater Investigation  
Proposed Discovery Bay Marina Site, Aguada, PR,  
12/20/2005**

**APPENDIX 3.0 Well Logs with Conductivity Measurements**

PROJECT NUMBER: <b>291-05</b>	CLIENT: <b>Cordeco Northwest Corp.</b>	BOREHOLE/WELL DIAM.: <b>3.5"/2.0"</b>
PROJECT NAME: <b>Groundwater Investigation Discovery Bay Marina</b>		TOTAL DEPTH (ft.): <b>47.5'</b>
LOCATION: <b>Aguada, PR</b>	WELL DEPTH (ft.):	GROUND SURFACE ELEVATION: <b>n/a</b>
DRILLING CO: <b>JFA Geological &amp; Environmental Scientists</b>		
DRILLING METHOD: <b>DT-32 Geoprobe</b>		
FOREMAN: <b>D. González</b>		
PROJ. GEOLOGIST: <b>J. Feliciano</b>		
DATE BEGUN: <b>11/29/05</b> DATE COMPLETED: <b>11/29/05</b>		

STATIC WATER LEVEL (Measured from Top of Casing)	
Depth (ft)	<b>4.65'</b>
Time	<b>1415</b>
Date	<b>12/7/05</b>

DEPTH (ft.)	Temperature (°F) Measured on 12/7/05	Conductivity (µS/cm) Measured on 12/7/05	LITHOLOGY	FORMATION TYPE	WELL INSTALLATION	WELL CONST.
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**Key:**  
 ◊ Water Level During Drilling    SS-Split Spoon Sample    LB- Large Bore Sampler    D-Dry    M-Moist    ND-Non Detected  
 ▼ Static Water Level    RC-Rock Core Sample    MC-Macro Core Sample    SM-Slightly Moist    W-Wet