

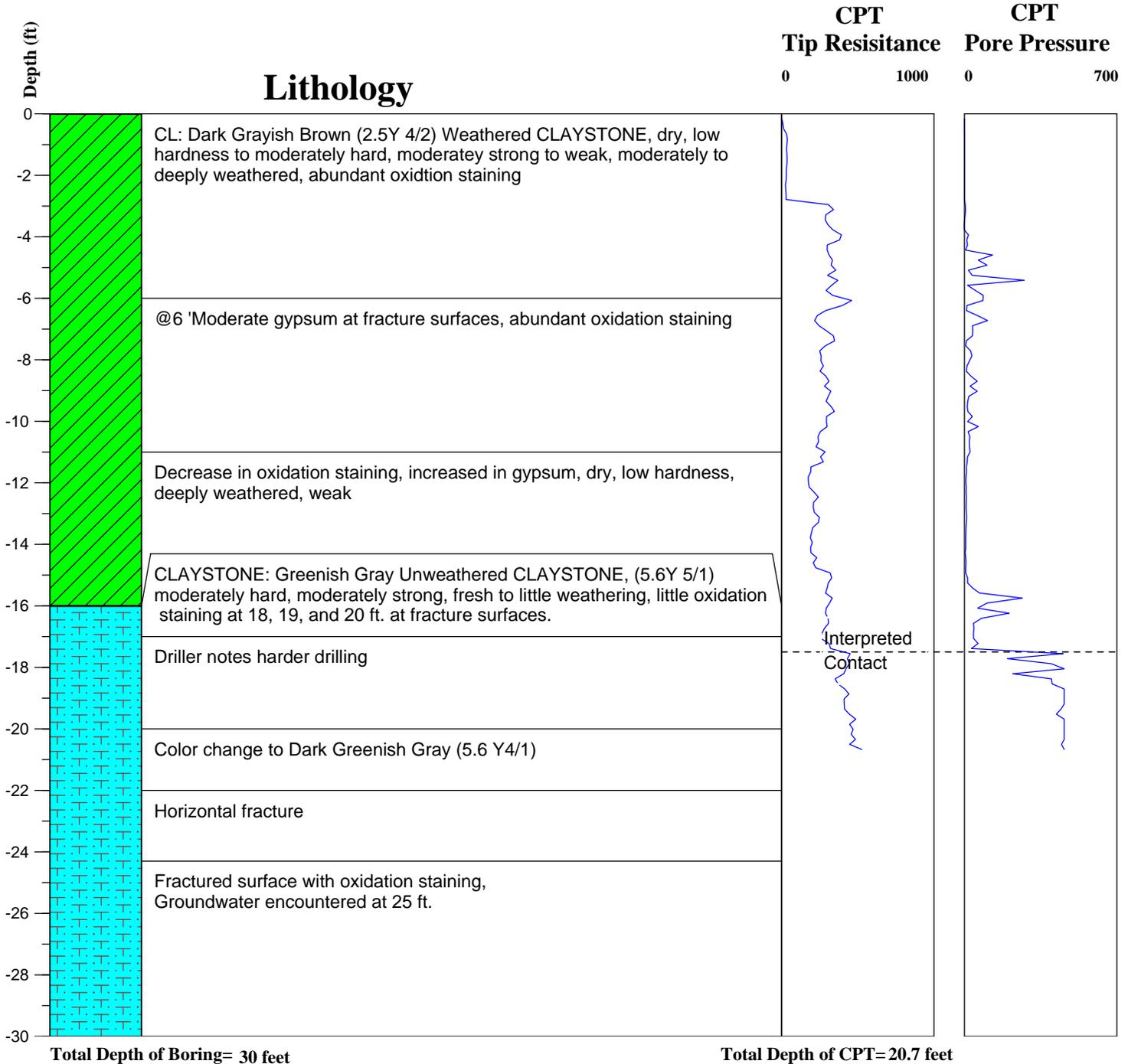
**ATTACHMENT K-1**

**SELECTED LITHOLOGIC LOGS WITH CPT TRACE COMPARISONS**

# CASMALIA REMEDIAL INVESTIGATION

## SOIL LITHOLOGY & CPT TRACES

### LOCATION ID: RG-6B & RICPT-01



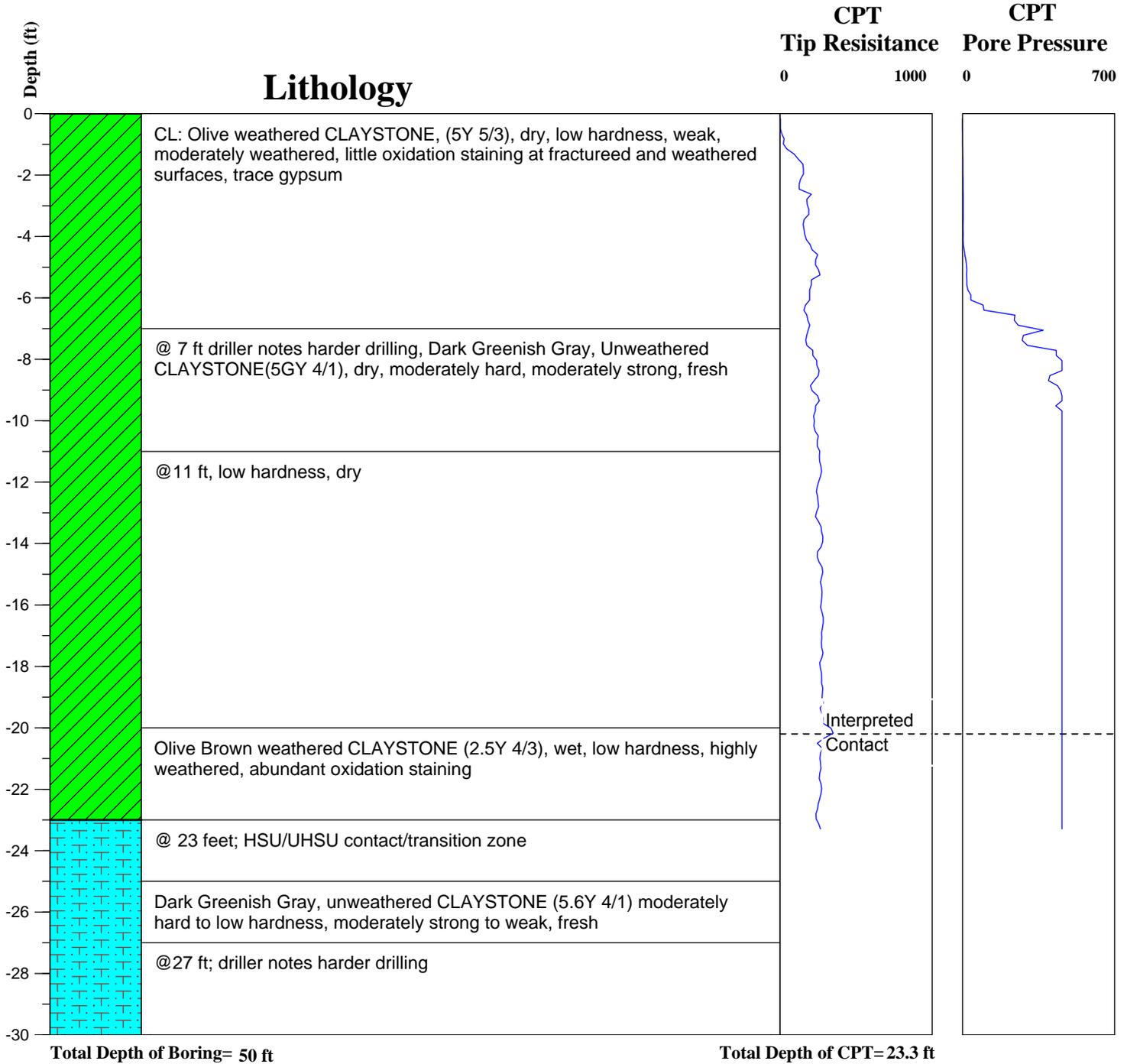
**Date of CPT:** 8/05/04  
**Geologist:** Britt Howard ERM  
**Drilling Company:** Gregg Insitu  
**CPT Rig Used:** Gregg Drilling 30 ton CPT  
**Approved By:** David Myers R.G. 7348

**Remarks:** Borehole drilled and logged during previous activities by Mactec

# CASMALIA REMEDIAL INVESTIGATION

## SOIL LITHOLOGY & CPT TRACES

### LOCATION ID: RG-5B & RICPT-02



**Date of CPT:** 8/13/04  
**Geologist:** Britt Howard, ERM  
**Drilling Company:** Gregg Insitu  
**CPT Rig Used:** Gregg Insitu 30 Ton  
**Approved By:** David Myers R.G. 7348

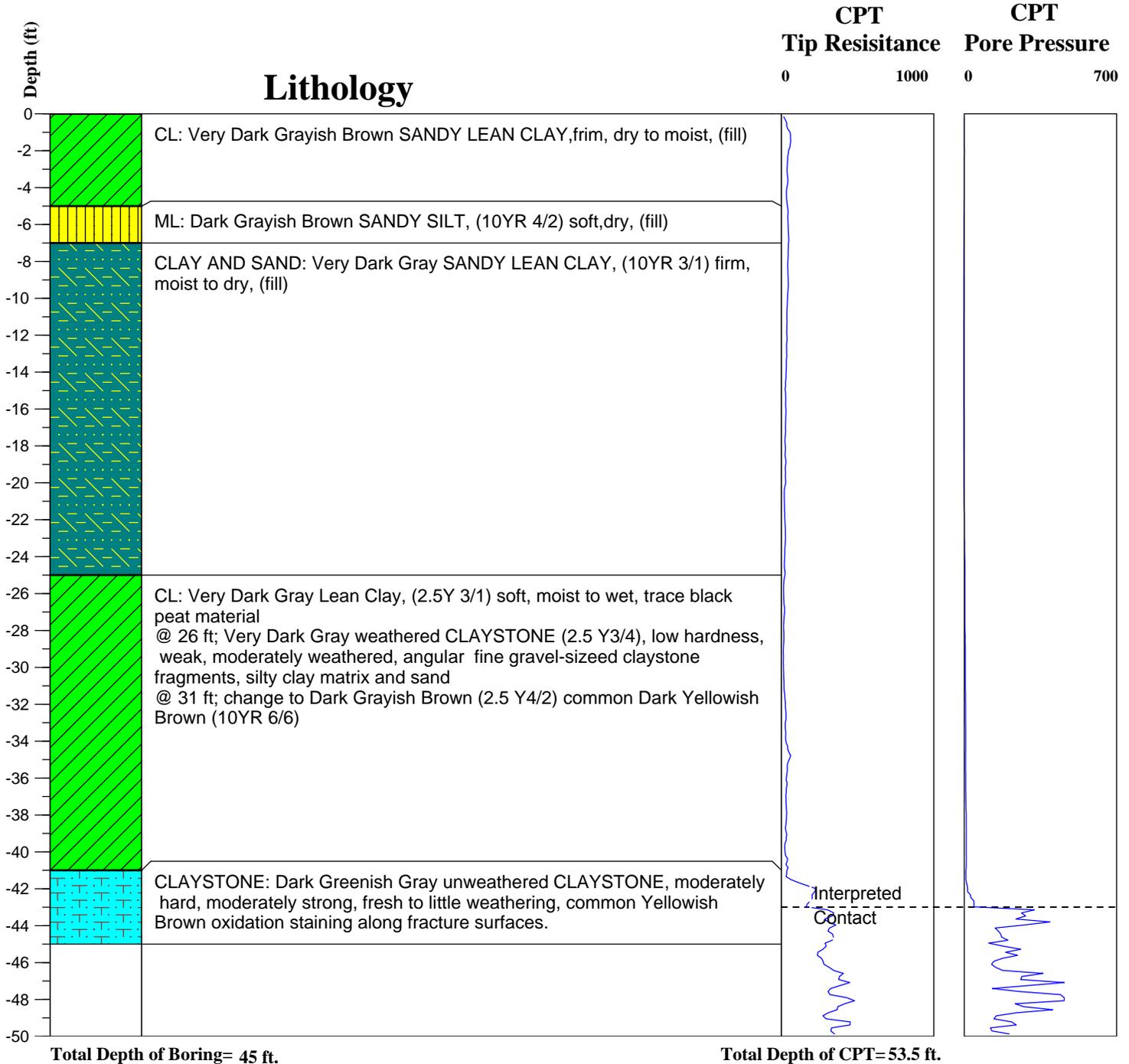
**Remarks:** Boring logged by Mactec during previous investigations



# CASMALIA REMEDIAL INVESTIGATION

## SOIL LITHOLOGY & CPT TRACES

### LOCATION ID: RG-7B & RICPT-04



**Date of CPT:** 8/05/04  
**Geologist:** Britt Howard, ERM  
**Drilling Company:** Gregg Insitu  
**CPT Rig Used:** Gregg Insitu 30 Ton  
**Approved By:** David Myers R.G. 7348

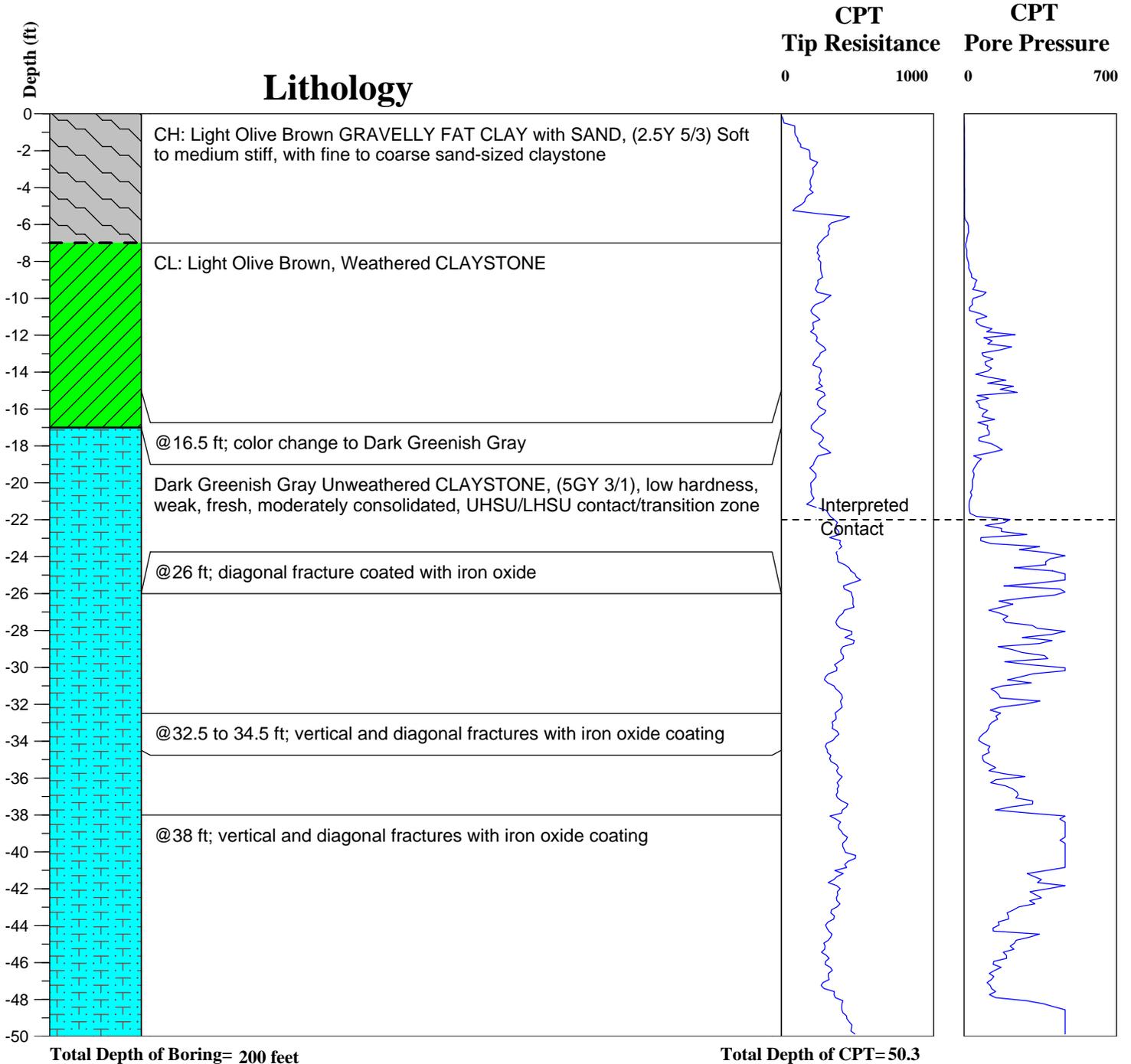
**Remarks:** Boring logged by Mactec during previous investigation.



# CASMALIA REMEDIAL INVESTIGATION

## SOIL LITHOLOGY & CPT TRACES

### LOCATION ID: RG-PZ-3D & RICPT-06A



**Date of CPT:** 9/29/04  
**Geologist:** Britt Howard, ERM  
**Drilling Company:** Gregg Insitu  
**CPT Rig Used:** Gregg Insitu 30 Ton  
**Approved By:** David Myers R.G. 7348

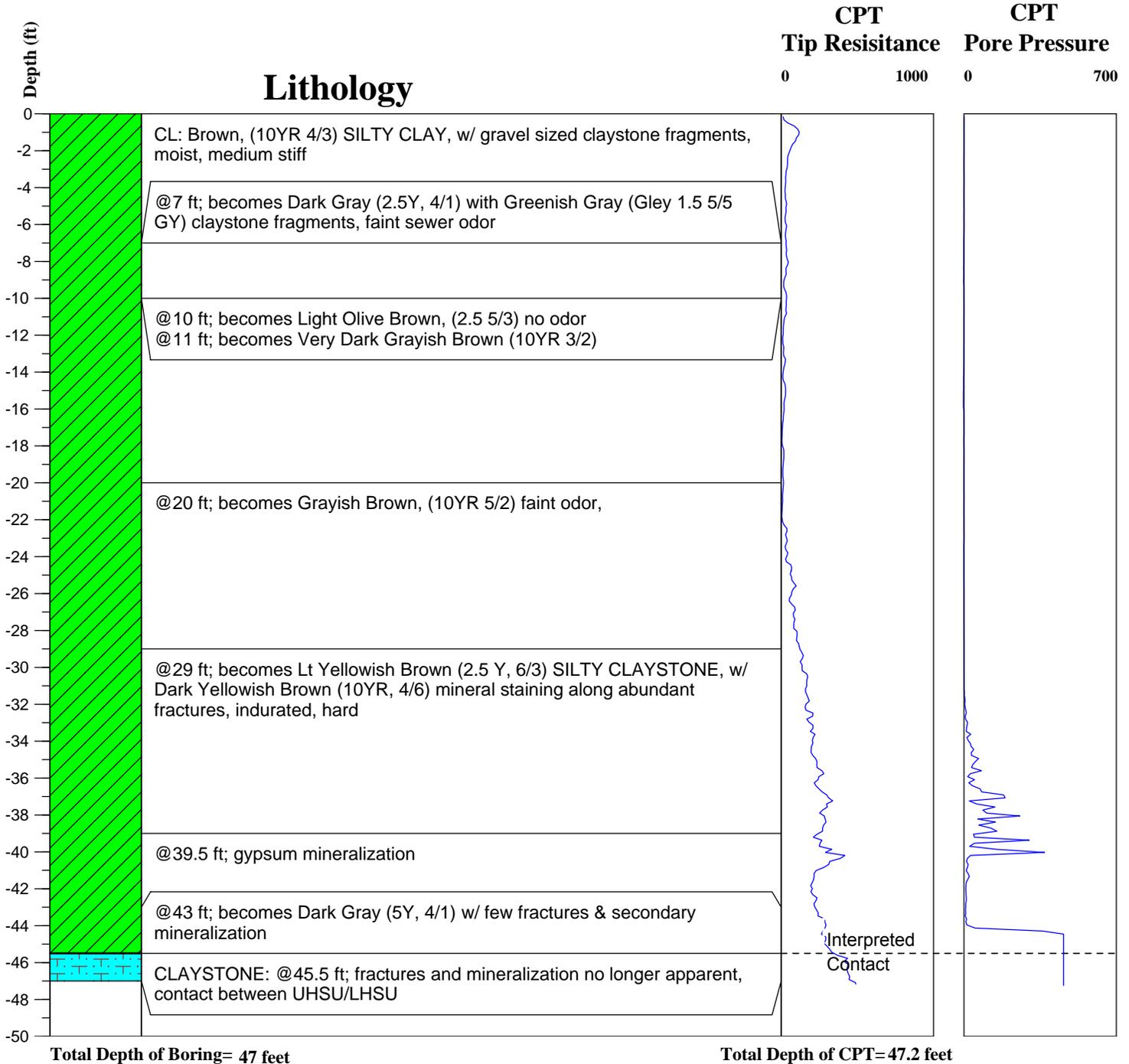
**Remarks:** Boring was logged by Mactec a part of an earlier investigation  
 50 feet of boring log presented here for comparison to CPT signature



# CASMALIA REMEDIAL INVESTIGATION

## SOIL LITHOLOGY & CPT TRACES

### LOCATION ID: RISBLT-05



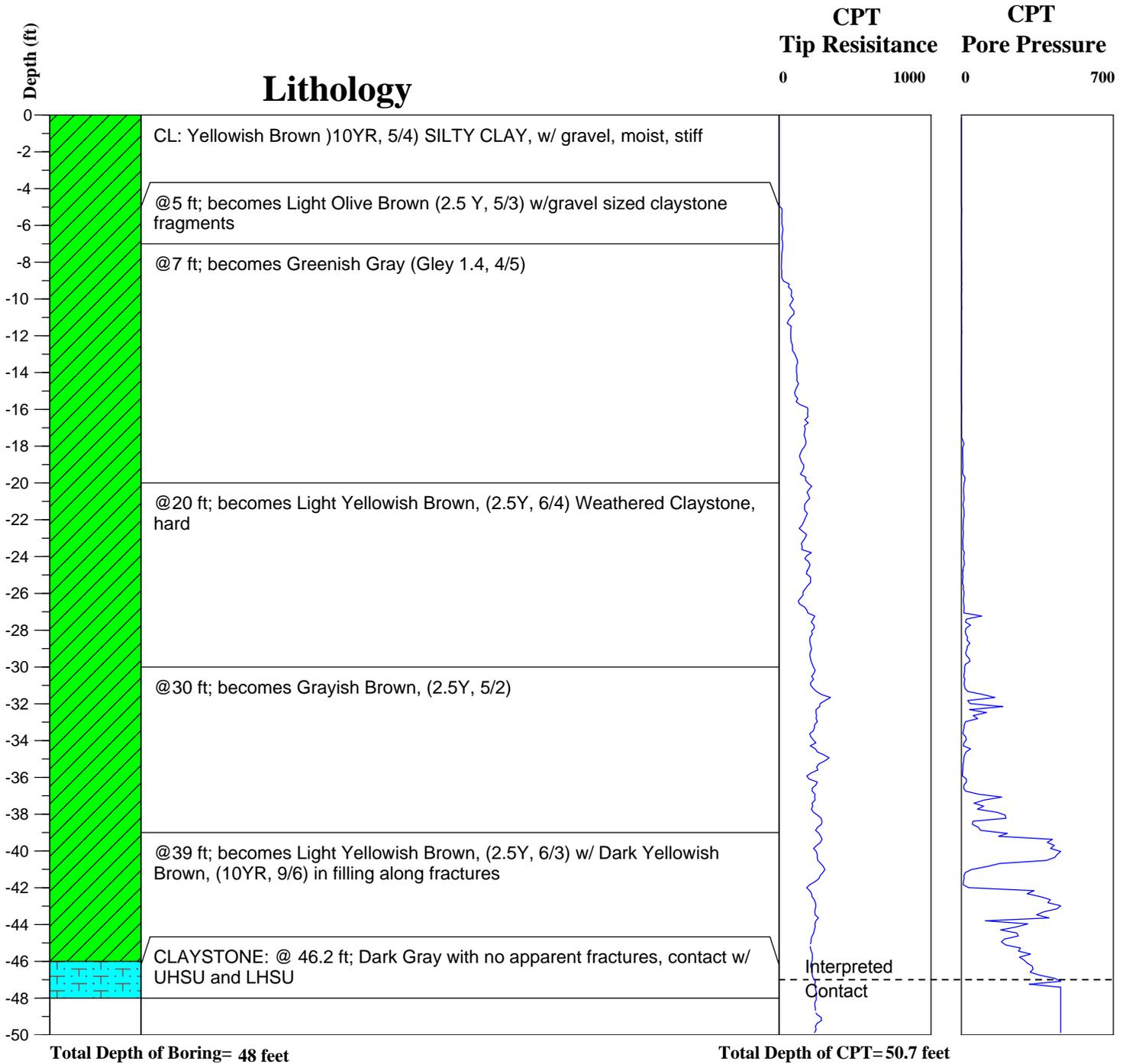
<b>Date of CPT:</b>	<b>RISBLT-05</b>
<b>Geologist:</b>	<b>Britt Howard, ERM</b>
<b>Drilling Company:</b>	<b>Gregg Insitu</b>
<b>CPT Rig Used:</b>	<b>Gregg Insitu 30 Ton</b>
<b>Approved By:</b>	<b>David Myers R.G. 7348</b>

**Remarks:** Boring logged by Mark Wanek of URS Corporation

# CASMALIA REMEDIAL INVESTIGATION

## SOIL LITHOLOGY & CPT TRACES

### LOCATION ID: RISBLT-07



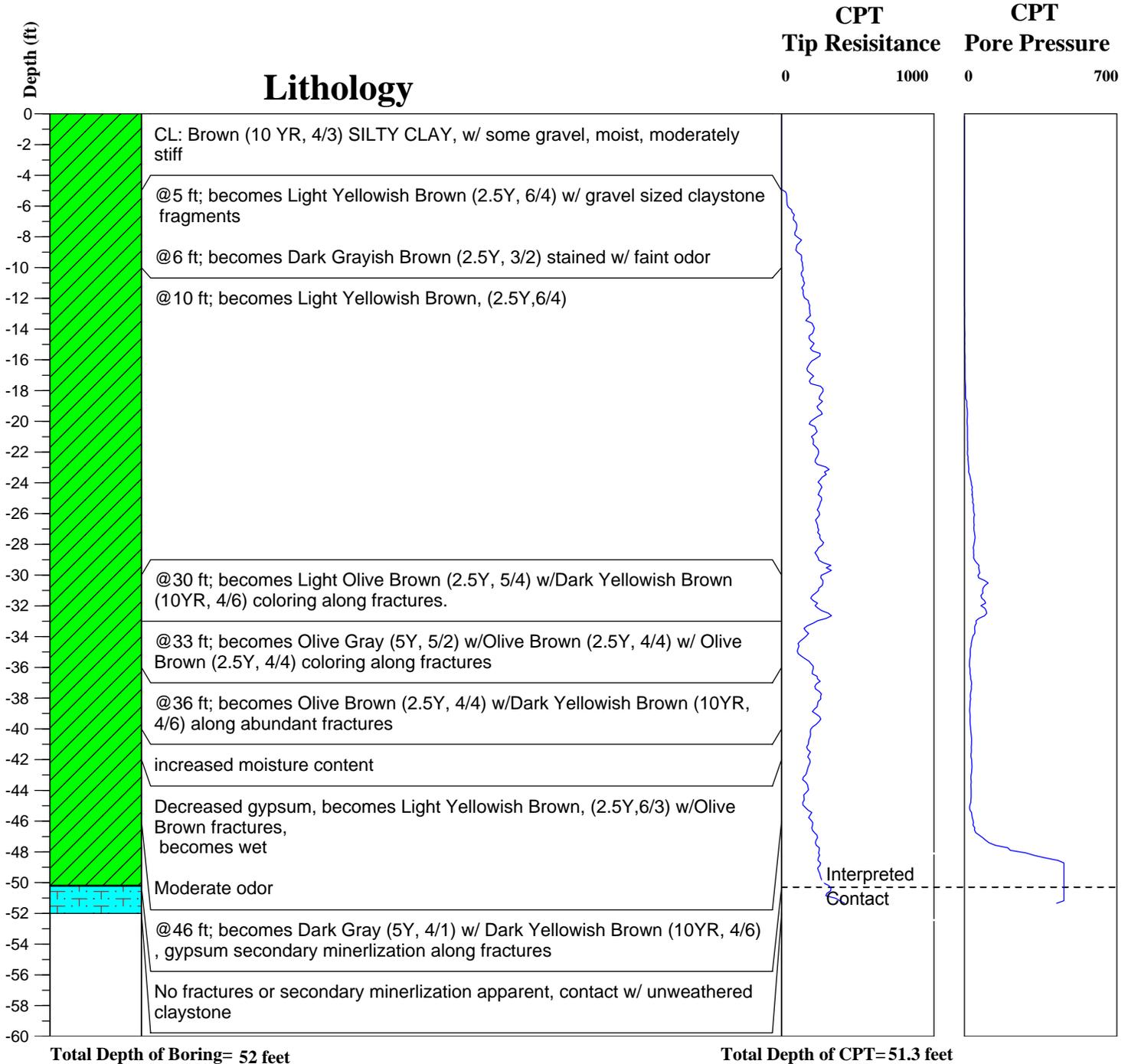
**Date of CPT:** 10/05/04  
**Geologist:** Britt Howard, ERM  
**Drilling Company:** Gregg Insitu  
**CPT Rig Used:** Gregg Insitu 30 Ton  
**Approved By:** David Myers R.G. 7348

**Remarks:** Boring logged by Mark Wanek of URS Corporation

# CASMALIA REMEDIAL INVESTIGATION

## SOIL LITHOLOGY & CPT TRACES

### LOCATION ID: RISBLT-08



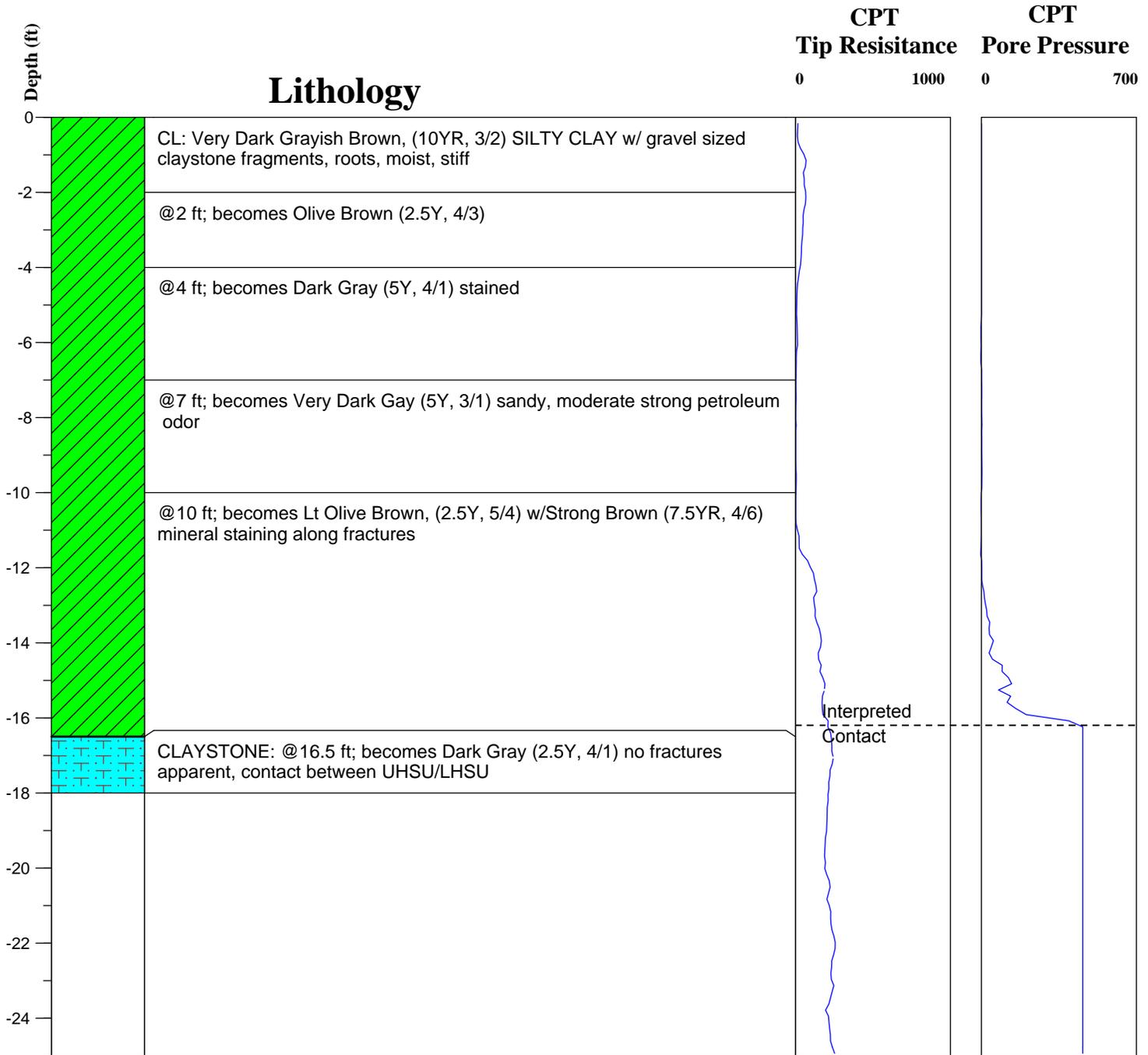
**Date of CPT:** 10/05/04  
**Geologist:** Britt Howard, ERM  
**Drilling Company:** Gregg Insitu  
**CPT Rig Used:** Gregg Insitu 30 Ton  
**Approved By:** David Myers R.G. 7348

**Remarks:** Boring logged by Mark Wanek, URS Corporation

# CASMALIA REMEDIAL INVESTIGATION

## SOIL LITHOLOGY & CPT TRACES

### LOCATION ID: RISBRC-01



Total Depth of Boring= 18 feet

Total Depth of CPT= 25.1 feet



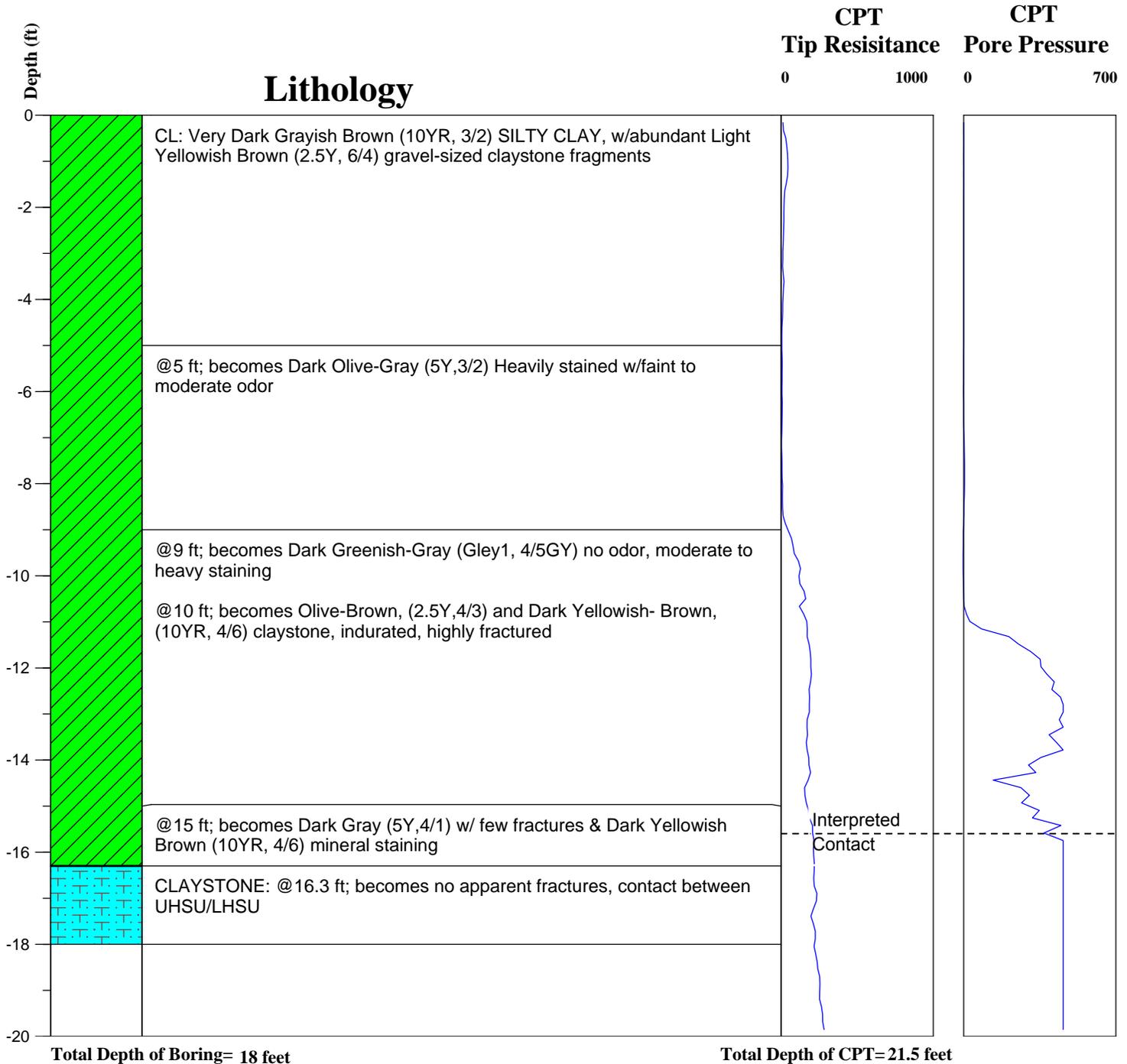
**Date of CPT:** 10/06/04  
**Geologist:** Britt Howard, ERM  
**Drilling Company:** Gregg Insitu  
**CPT Rig Used:** Gregg Insitu 30 Ton  
**Approved By:** David Myers R.G. 7348

**Remarks:** Boring logged by Mark Wanek of URS Corporation

# CASMALIA REMEDIAL INVESTIGATION

## SOIL LITHOLOGY & CPT TRACES

### LOCATION ID: RISBRC-02



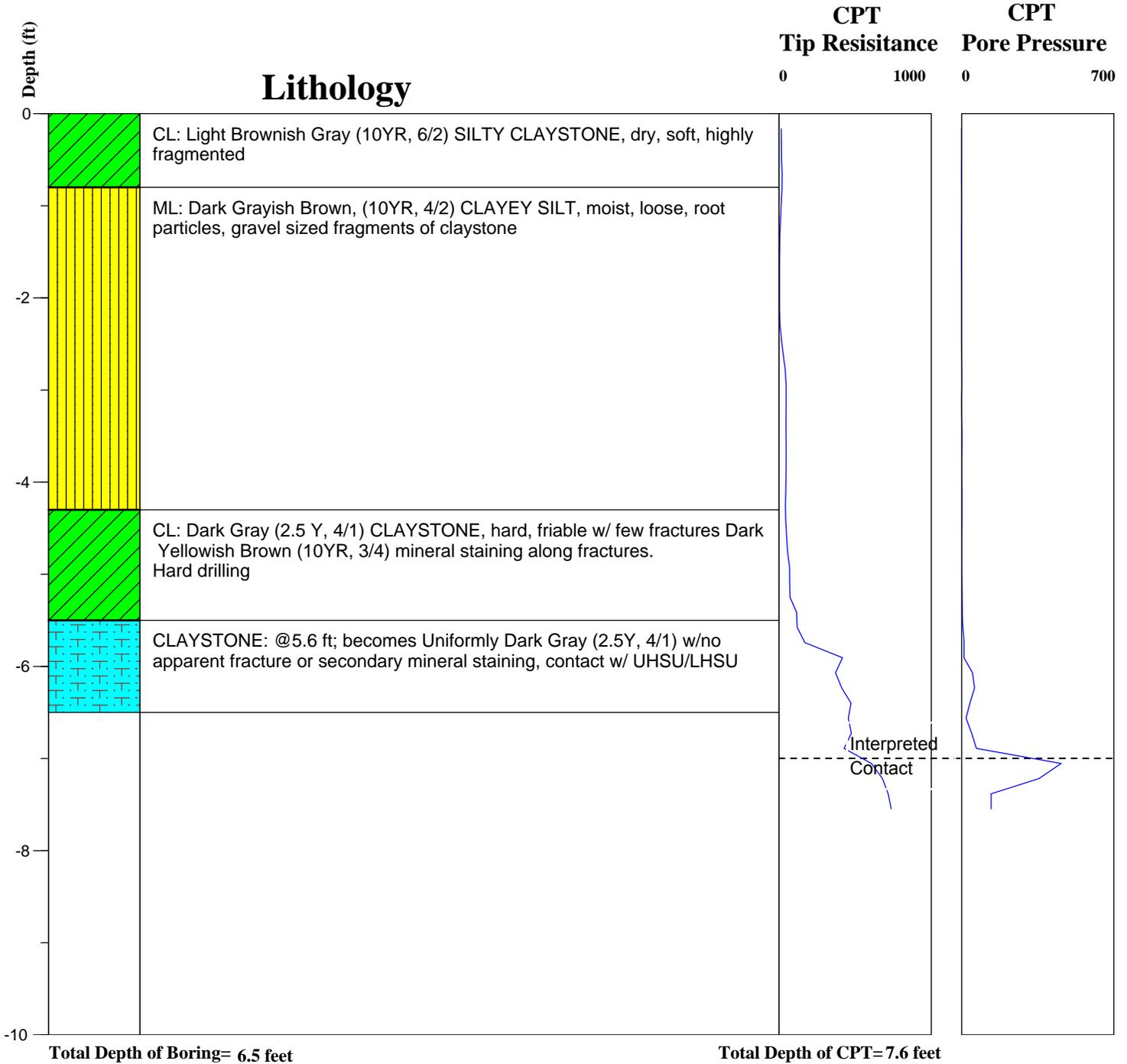
**Date of CPT:** 10/06/04  
**Geologist:** Britt Howard, ERM  
**Drilling Company:** Gregg Insitu  
**CPT Rig Used:** Gregg Insitu 30 Ton  
**Approved By:** David Myers R.G. 7348

**Remarks:** Boring logged by Mark Wanek, URS Corporation

# CASMALIA REMEDIAL INVESTIGATION

## SOIL LITHOLOGY & CPT TRACES

### LOCATION ID: RISBRC-03



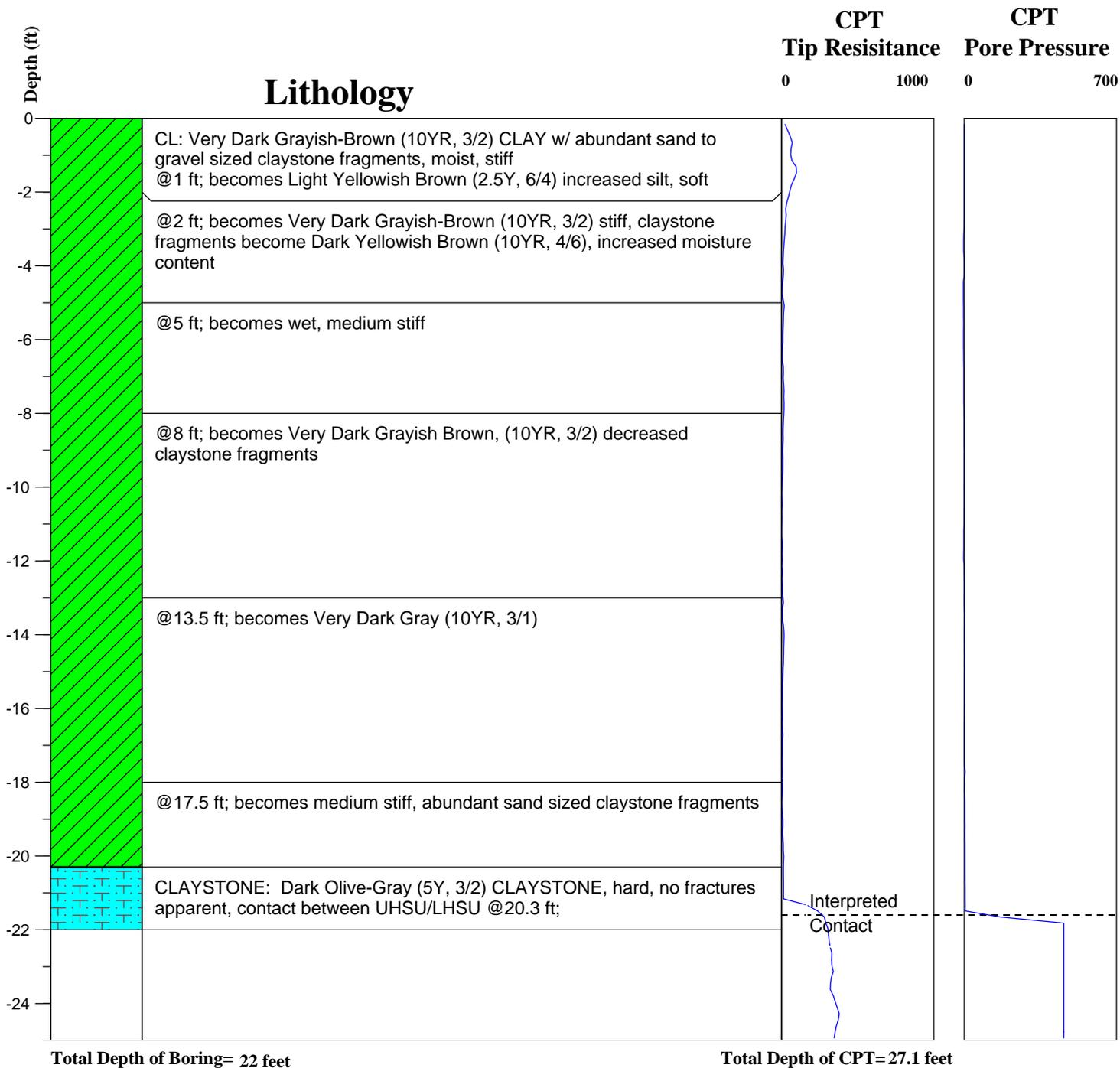
**Date of CPT:** 10/06/04  
**Geologist:** Britt Howard, ERM  
**Drilling Company:** Gregg Insitu  
**CPT Rig Used:** Gregg Insitu 30 Ton  
**Approved By:** David Myers R.G. 7348

**Remarks:** Boring logged by Mark Wanek, URS Corporation

# CASMALIA REMEDIAL INVESTIGATION

## SOIL LITHOLOGY & CPT TRACES

LOCATION ID: RISBRC-04



Date of CPT: 10/06/04  
 Geologist: Britt Howard, ERM  
 Drilling Company: Gregg Insitu  
 CPT Rig Used: Gregg Insitu 30 Ton  
 Approved By: David Myers R.G. 7348

Remarks: Boring logged by Mark Wanek, URS Corporation