

LIQUID AND PLASTIC LIMIT TEST DATA

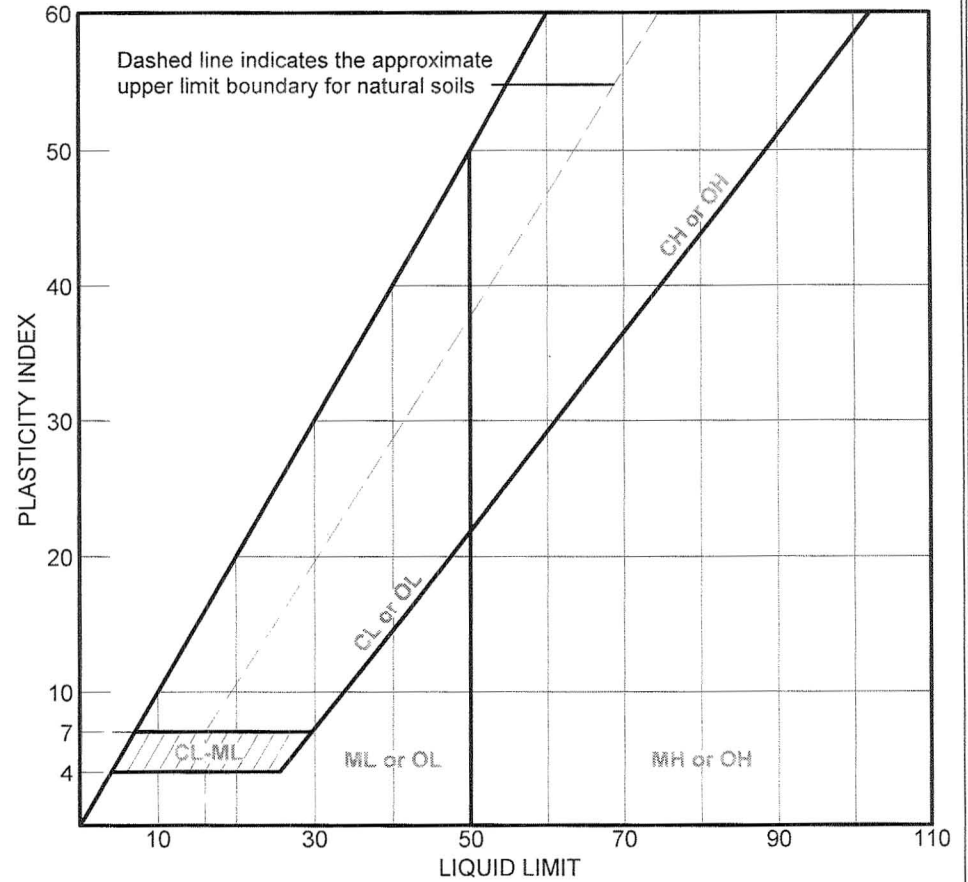
Client: GPC c/o SNOC  
Project: Vogtle Units 3 & 4 Test Pad Project  
Project Number: 6141-06-0286.54

Sample Data

Source: Test Pad Backfill P-35  
Sample No.: P-35  
Elev. or Depth: 242.44' Sample Length(in./cm.): N/A  
Location: P-35  
Description: Brown Poorly graded sand with silt  
Date: N/A Natural Moisture: 6.7  
USCS Class.: SP-SM AASHTO Class.:  
Testing Remarks: Tested by: MD Reviewed by: MC

Liquid Limit= NV  
Plastic Limit= NP  
Plasticity Index= NP

# LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
• Test Pad Backfill P-39	P-39	244.48'	N/A	SP-SM	Light Brown Poorly graded sand with silt	7.8	NV	NP

Client GPC c/o SNOC  
 Project Vogtle Units 3 & 4 Test Pad Project  
 Project No. 6141-06-0286.54

**MACTEC ENGINEERING  
 AND  
 CONSULTING, INC.**

• Tested by: MD    Reviewed by: MC

LIQUID AND PLASTIC LIMIT TEST DATA

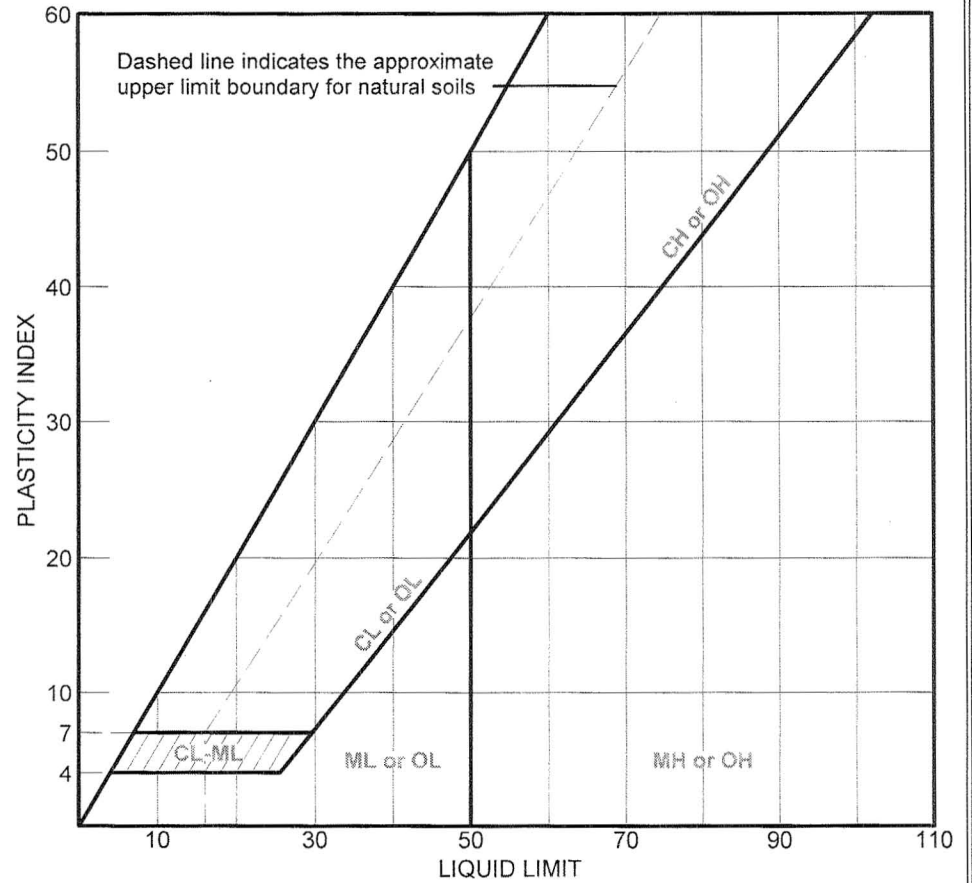
Client: GPC c/o SNOG  
Project: Vogtle Units 3 & 4 Test Pad Project  
Project Number: 6141-06-0286.54

Sample Data

Source: Test Pad Backfill P-39  
Sample No.: P-39  
Elev. or Depth: 244.48' Sample Length(in./cm.): N/A  
Location: P-39  
Description: Light Brown Poorly graded sand with silt  
Date: N/A Natural Moisture: 7.8  
USCS Class.: SP-SM AASHTO Class.:  
Testing Remarks: Tested by: MD Reviewed by: MC

Liquid Limit= NV  
Plastic Limit= NP  
Plasticity Index= NP

# LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
• Near CL of Test Pad 5' from Top of Slope TPAD-1	TPAD-1		N/A	SP-SM	Poorly Graded sand with silt		NV	NP

Client GPC c/o SNOC  
 Project Vogtle Units 3 & 4 COL Project  
 Project No. 6141-06-0286

**MACTEC ENGINEERING  
 AND  
 CONSULTING, INC.**

• Tested by:EH      Reviewed by:HJ

LIQUID AND PLASTIC LIMIT TEST DATA

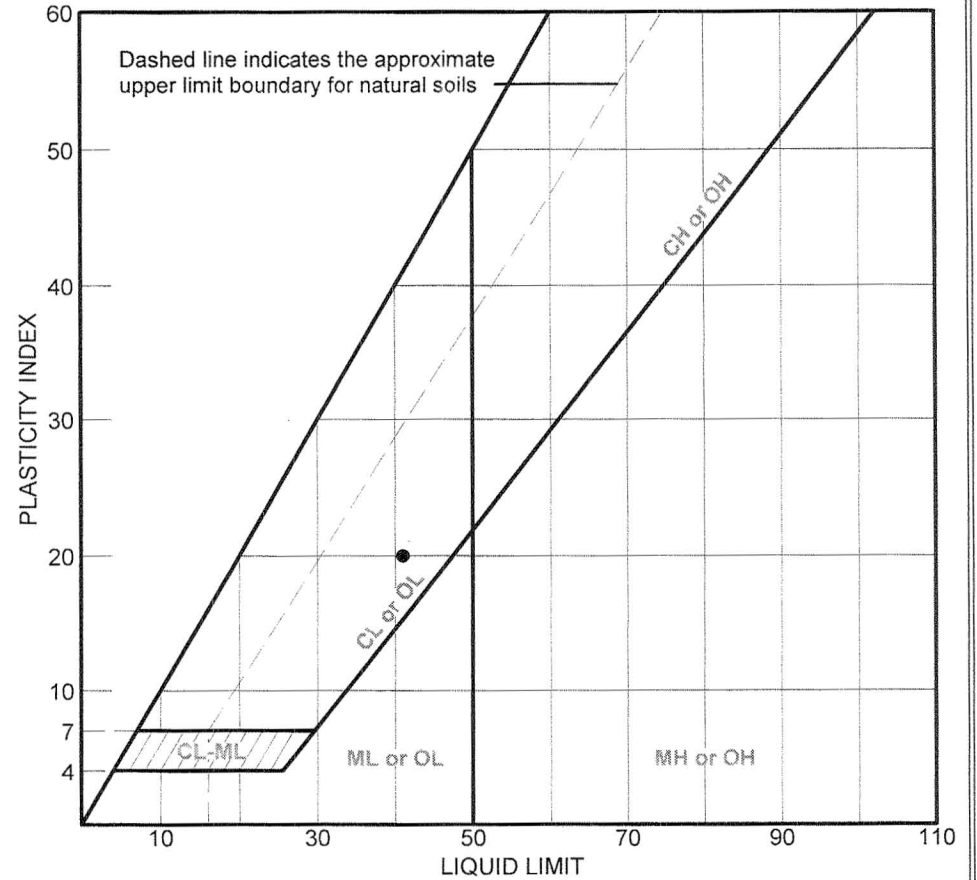
Client: GPC c/o SNOG  
Project: Vogtle Units 3 & 4 COL Project  
Project Number: 6141-06-0286

Sample Data

Source: Near CL of Test Pad 5' from Top of Slope TPAD-1  
Sample No.: TPAD-1  
Elev. or Depth: Sample Length(in./cm.): 8099  
Location: TPAD-1  
Description: Poorly Graded sand with silt  
Date: N/A Natural Moisture:  
USCS Class.: SP-SM AASHTO Class.:  
Testing Remarks: Tested by:EH Reviewed by:HJ

Liquid Limit= NV  
Plastic Limit= NP  
Plasticity Index= NP

# LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
• Near CL of Test Pad 5' from Top of Slope TPAD-2	TPAD-2		N/A	SC	Clayey sand		41	20

Client GPC c/o SNOC  
 Project Vogtle Units 3 & 4 COL Project  
 Project No. 6141-06-0286

**MACTEC ENGINEERING  
 AND  
 CONSULTING, INC.**

• Tested by: EH      Reviewed by: HJ

**LIQUID AND PLASTIC LIMIT TEST DATA**

**Client:** GPC c/o SNOC  
**Project:** Vogtle Units 3 & 4 COL Project  
**Project Number:** 6141-06-0286

**Sample Data**

**Source:** Near CL of Test Pad 5' from Top of Slope TPAD-2  
**Sample No.:** TPAD-2  
**Elev. or Depth:** **Sample Length(in./cm.):** 8100  
**Location:** TPAD-2  
**Description:** Clayey sand  
**Date:** N/A **Natural Moisture:**  
**USCS Class.:** SC **AASHTO Class.:**  
**Testing Remarks:** Tested by: EH Reviewed by: HJ

**Liquid Limit Data**

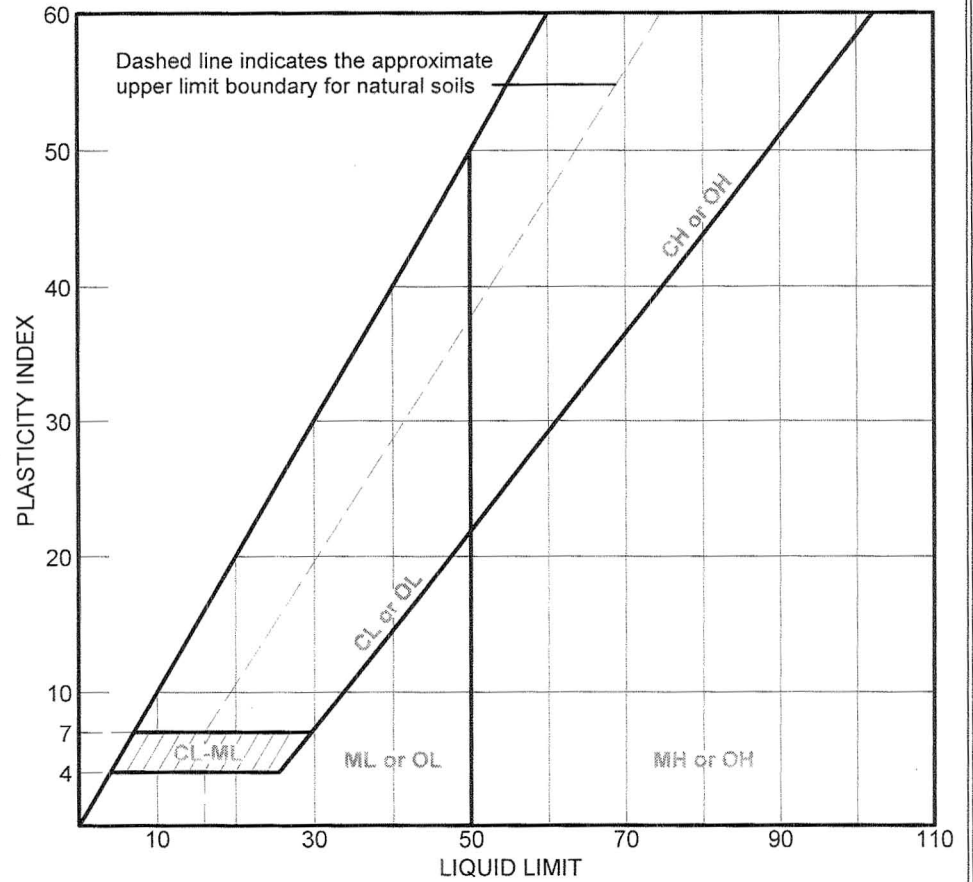
Run No.	1	2	3	4	5	6
Wet+Tare			28.95	29.66		
Dry+Tare			26.42	26.95		
Tare			20.25	20.31		
# Blows			26	25		
Moisture			41.0	40.8		

**Liquid Limit=** 41  
**Plastic Limit=** 21  
**Plasticity Index=** 20

**Plastic Limit Data**

Run No.	1	2	3	4
Wet+Tare	27.2	27.48		
Dry+Tare	26.04	26.26		
Tare	20.37	20.39		
Moisture	20.5	20.8		

# LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
• Stockpile SW Corner TPAD-3	TPAD-3		N/A	SP-SM	Poorly Graded sand with silt		NV	NP

Client GPC c/o SNOC  
 Project Vogtle Units 3 & 4 COL Project  
 Project No. 6141-06-0286

**MACTEC ENGINEERING  
AND  
CONSULTING, INC.**

• Tested by: EH      Reviewed by: HJ



LIQUID AND PLASTIC LIMIT TEST DATA

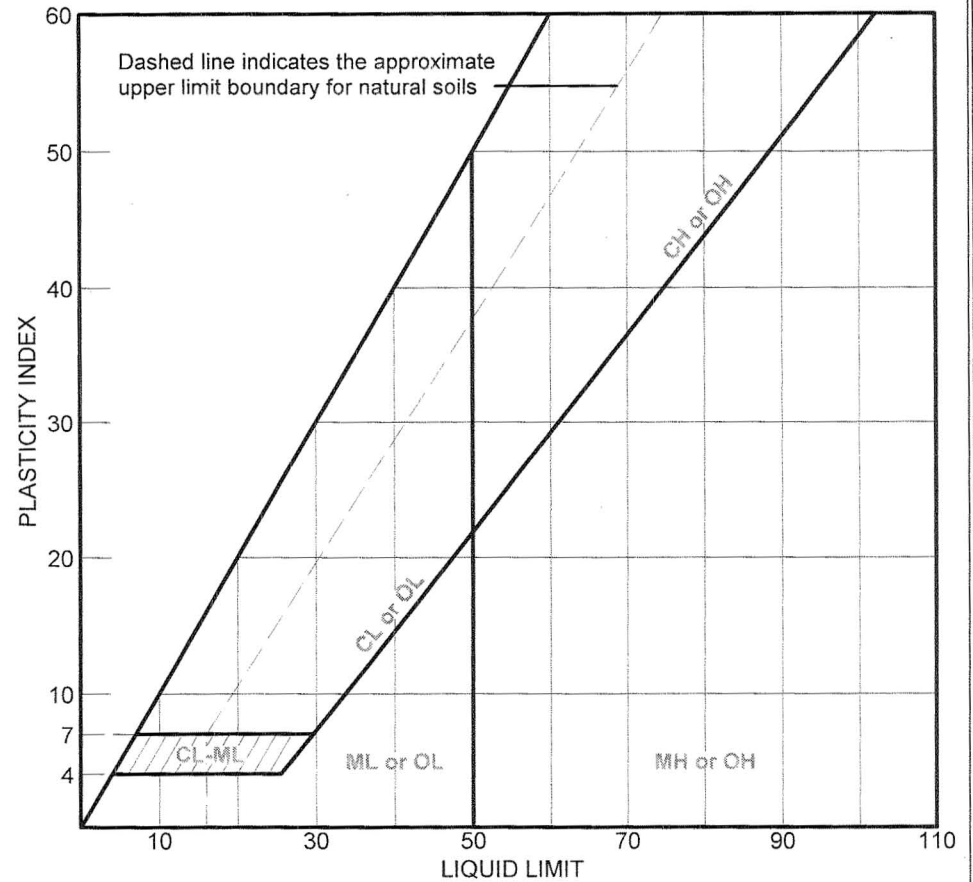
Client: GPC c/o SNOC  
Project: Vogtle Units 3 & 4 COL Project  
Project Number: 6141-06-0286

Sample Data

Source: Stockpile SW Corner TPAD-3  
Sample No.: TPAD-3  
Elev. or Depth: Sample Length(in./cm.): 8105  
Location: TPAD-3  
Description: Poorly Graded sand with silt  
Date: N/A Natural Moisture:  
USCS Class.: SP-SM AASHTO Class.:  
Testing Remarks: Tested by: EH Reviewed by: HJ

Liquid Limit= NV  
Plastic Limit= NP  
Plasticity Index= NP

# LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
● Stockpile NE Corner TPAD-4	TPAD-4		N/A	SM	Silty sand		NV	NP

Client GPC c/o SNOC	<b>MACTEC ENGINEERING AND CONSULTING, INC.</b>	● Tested by: EH    Reviewed by: HJ
Project Vogtle Units 3 & 4 COL Project		
Project No. 6141-06-0286      8106		

LIQUID AND PLASTIC LIMIT TEST DATA

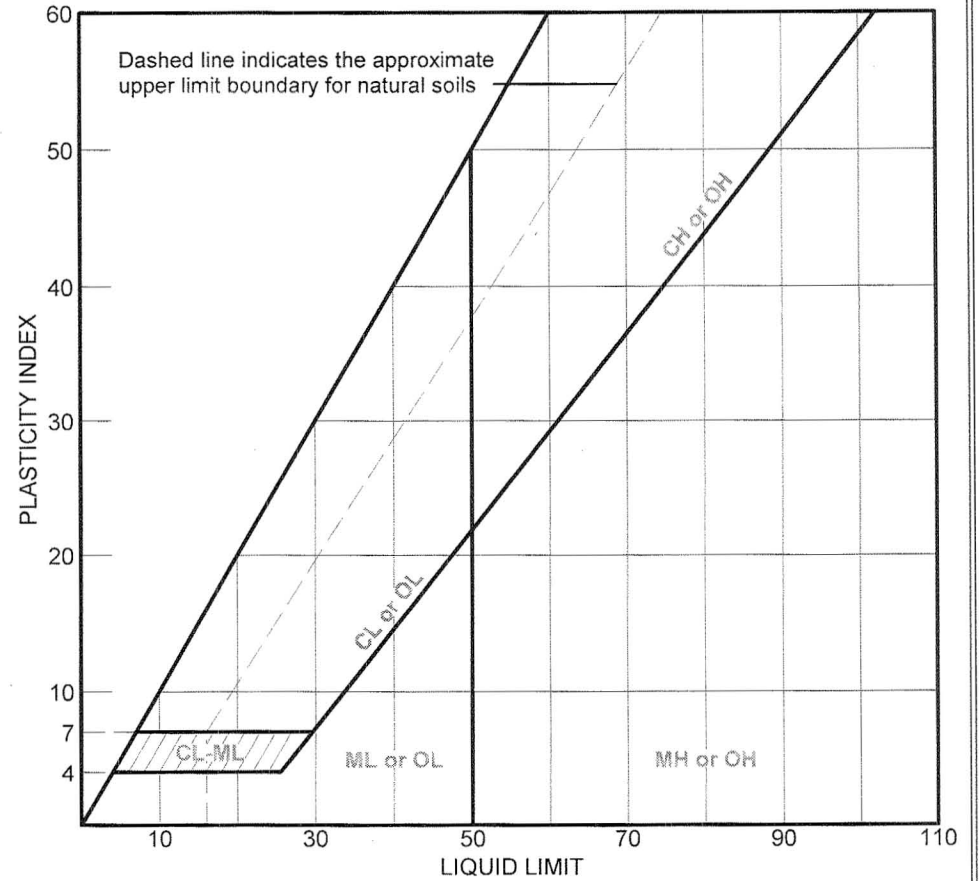
Client: GPC c/o SNOC  
Project: Vogtle Units 3 & 4 COL Project  
Project Number: 6141-06-0286

Sample Data

Source: Stockpile NE Corner TPAD-4  
Sample No.: TPAD-4  
Elev. or Depth: Sample Length(in./cm.): 8106  
Location: TPAD-4  
Description: Silty sand  
Date: N/A Natural Moisture:  
USCS Class.: SM AASHTO Class.:  
Testing Remarks: Tested by: EH Reviewed by: HJ

Liquid Limit= NV  
Plastic Limit= NP  
Plasticity Index= NP

# LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
● 5 Feet From Top of Slope TPAD-1	TPAD-1	n/a	n/a				NV	NP

Client GPC c/o SNOC	<b>MACTEC ENGINEERING AND CONSULTING, INC.</b>	● Tested by: MD	Reviewed by: MC
Project Vogtle Units 3 & 4 Test Pad Project			
Project No. 6141-06-0286.54			

LIQUID AND PLASTIC LIMIT TEST DATA

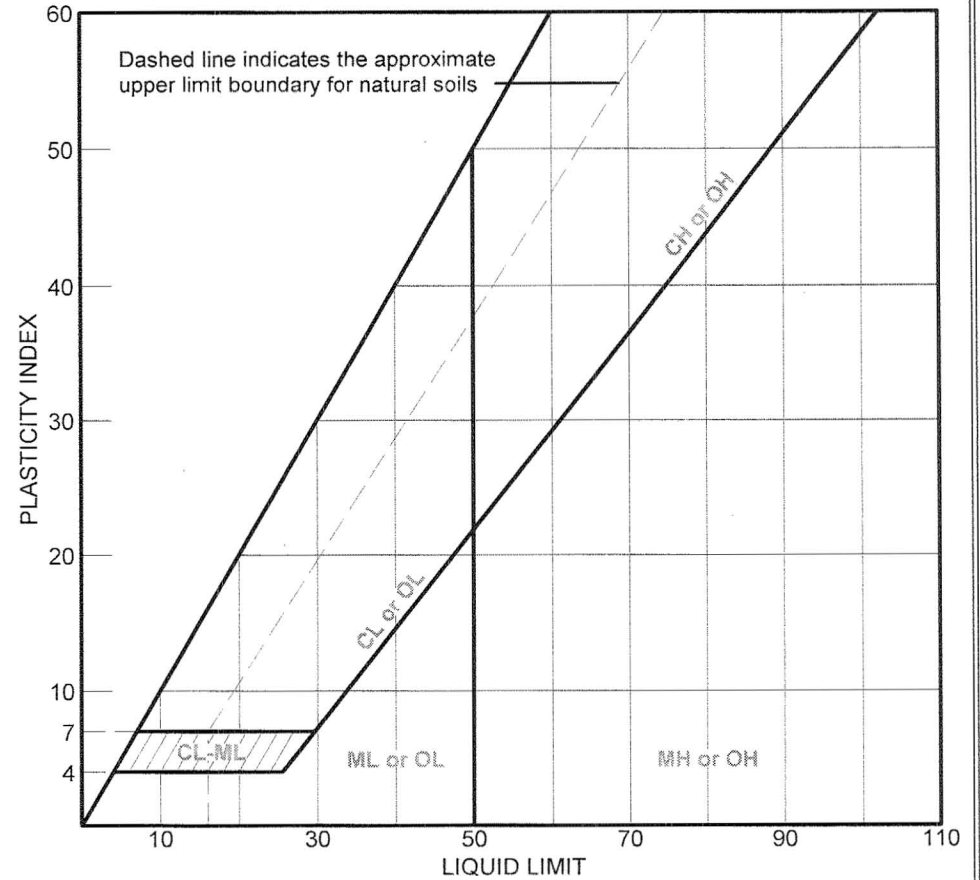
Client: GPC c/o SNOC  
Project: Vogtle Units 3 & 4 Test Pad Project  
Project Number: 6141-06-0286.54

Sample Data

Source: 5 Feet From Top of Slope TPAD-1  
Sample No.: TPAD-1  
Elev. or Depth: n/a Sample Length(in./cm.): n/a  
Location: TPAD-1  
Description:  
Date: n/a Natural Moisture:  
USCS Class.: AASHTO Class.:  
Testing Remarks: Tested by: MD Reviewed by: MC

Liquid Limit= NV  
Plastic Limit= NP  
Plasticity Index= NP

# LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
• Near CL of Test Pad 5' from Bottom of Slope TPAD-2	TPAD-2	N/A	N/A				NV	NP

Client GPC c/o SNOC  
 Project Vogtle Units 3 & 4 Test Pad Project  
 Project No. 6141-06-0286.54

**MACTEC ENGINEERING  
 AND  
 CONSULTING, INC.**

• Tested by: EH    Reviewed by: HJ

LIQUID AND PLASTIC LIMIT TEST DATA

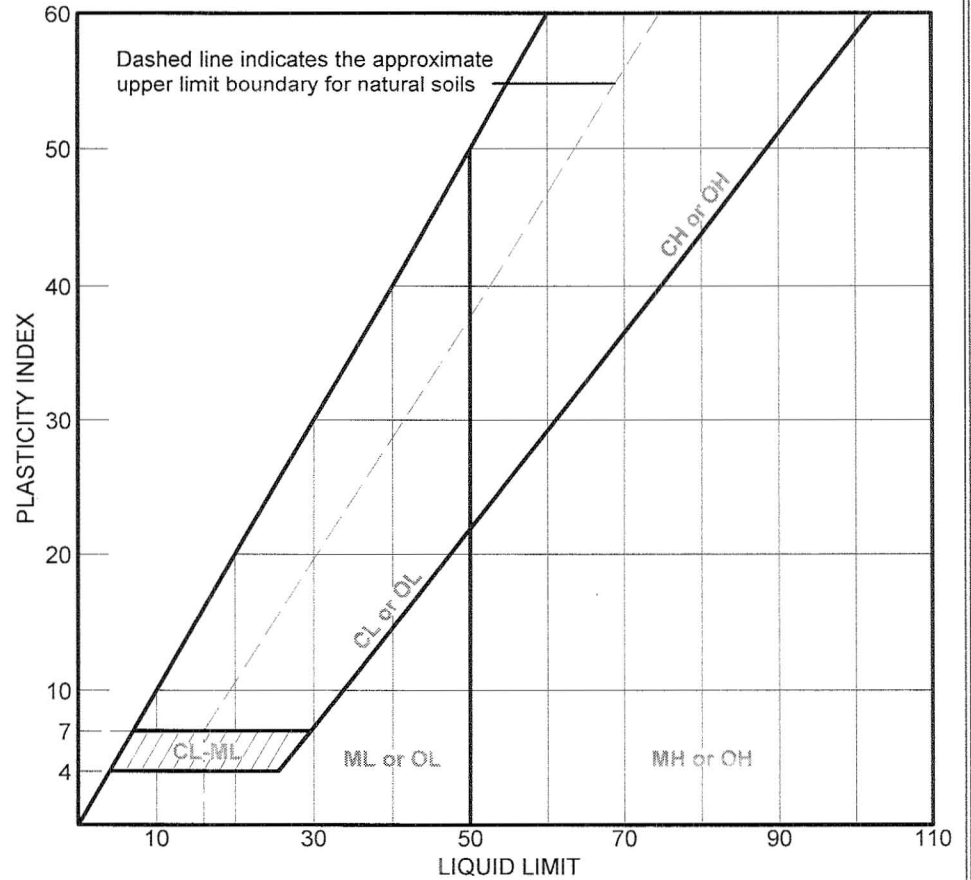
Client: GPC c/o SNOG  
Project: Vogtle Units 3 & 4 Test Pad Project  
Project Number: 6141-06-0286.54

Sample Data

Source: Near CL of Test Pad 5' from Bottom of Slope TPAD-2  
Sample No.: TPAD-2  
Elev. or Depth: N/A                      Sample Length(in./cm.): 8112  
Location: TPAD-2  
Description:  
Date: N/A                      Natural Moisture:  
USCS Class.:                      AASHTO Class.:  
Testing Remarks: Tested by: EH                      Reviewed by: HJ

Liquid Limit=     NV      
Plastic Limit=     NP      
Plasticity Index=     NP

# LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
• Stockpile SW Corner TPAD-3	TPAD-3	N/A	N/A	SP-SM	Red Poorly graded sand with silt	4.9	NV	NP

Client GPC c/o SNOC  
 Project Vogtle Units 3 & 4 Test Pad Project  
 Project No. 6141-06-0286.54

**MACTEC ENGINEERING  
AND  
CONSULTING, INC.**

• Tested by: MD      Reviewed by: MC



---

**LIQUID AND PLASTIC LIMIT TEST DATA**

---

**Client:** GPC c/o SNOC  
**Project:** Vogtle Units 3 & 4 Test Pad Project  
**Project Number:** 6141-06-0286.54

---

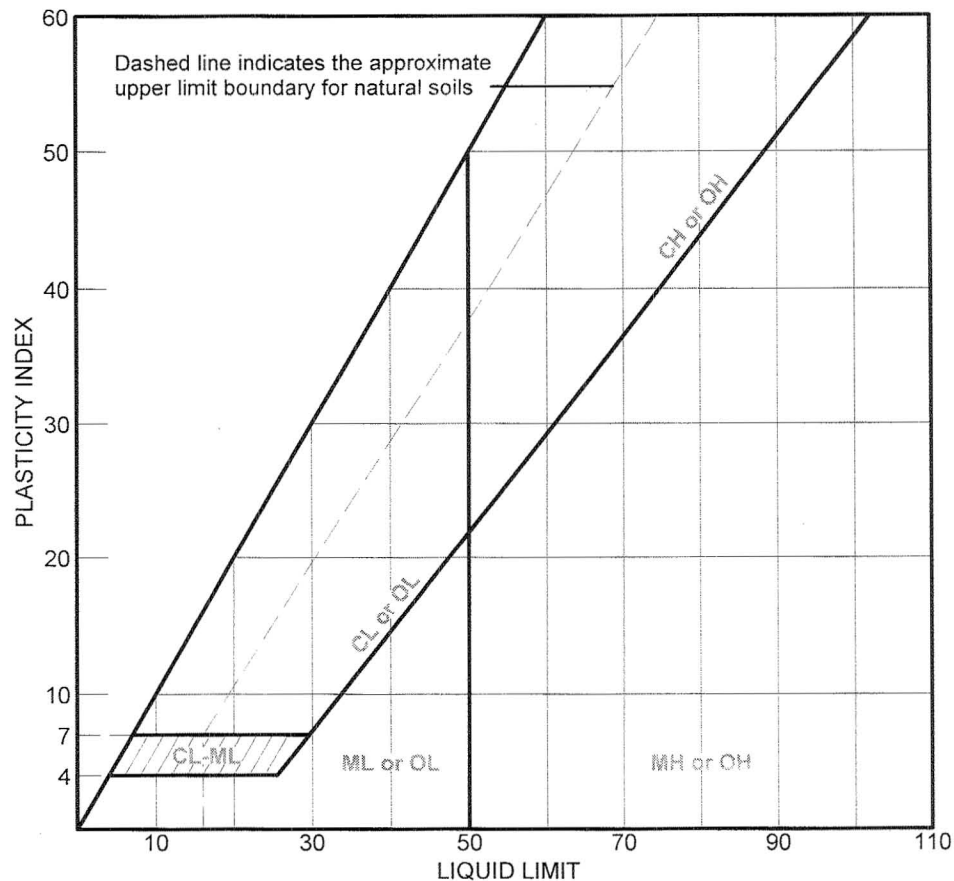
**Sample Data**

---

**Source:** Stockpile SW Corner TPAD-3  
**Sample No.:** TPAD-3  
**Elev. or Depth:** N/A **Sample Length(in./cm.):** N/A  
**Location:** TPAD-3  
**Description:** Red Poorly graded sand with silt  
**Date:** N/A **Natural Moisture:** 4.9  
**USCS Class.:** SP-SM **AASHTO Class.:**  
**Testing Remarks:** Tested by: MD Reviewed by: MC

**Liquid Limit=**          NV  
**Plastic Limit=**          NP  
**Plasticity Index=**          NP

# LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
• Stockpile NE Corner TPAD-4	TPAD-4	N/A	N/A	SM	Red Silty sand	6.6	NV	NP

Client GPC c/o SNOC  
 Project Vogtle Units 3 & 4 Test Pad Project  
 Project No. 6141-06-0286.54

**MACTEC ENGINEERING  
 AND  
 CONSULTING, INC.**

• Tested by: MD      Reviewed by: MC

LIQUID AND PLASTIC LIMIT TEST DATA

Client: GPC c/o SNOC  
Project: Vogtle Units 3 & 4 Test Pad Project  
Project Number: 6141-06-0286.54

Sample Data

Source: Stockpile NE Corner TPAD-4

Sample No.: TPAD-4

Elev. or Depth: N/A

Sample Length(in./cm.): N/A

Location: TPAD-4

Description: Red Silty sand

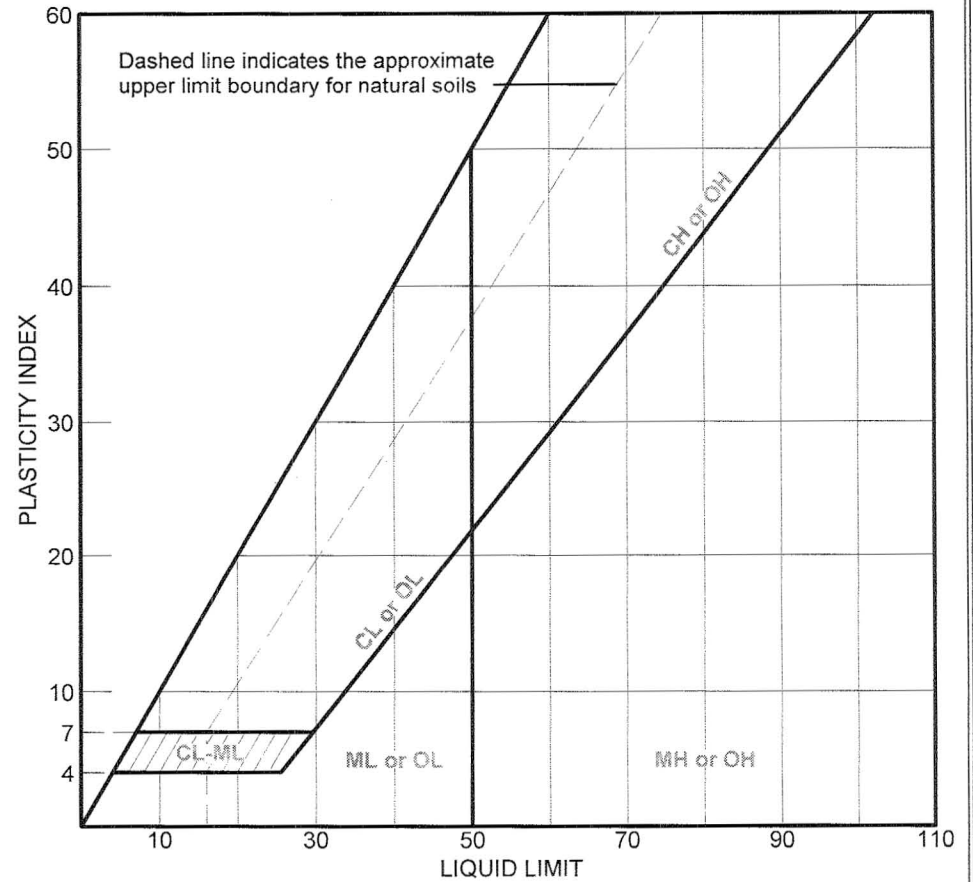
Date: N/A Natural Moisture: 6.6

USCS Class.: SM AASHTO Class.:

Testing Remarks: Tested by: MD Reviewed by: MC

Liquid Limit=      NV  
Plastic Limit=      NP  
Plasticity Index=      NP

# LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
• Center of Stockpile TPAD-5	TPAD-5	N/A	N/A	SM	Red Silty sand	7.2	NV	NP

Client GPC c/o SNOC	<b>MACTEC ENGINEERING AND CONSULTING, INC.</b>	• Tested by: MD	Reviewed by: MC
Project Vogtle Units 3 & 4 Test Pad Project			
Project No. 6141-06-0286.54			

LIQUID AND PLASTIC LIMIT TEST DATA

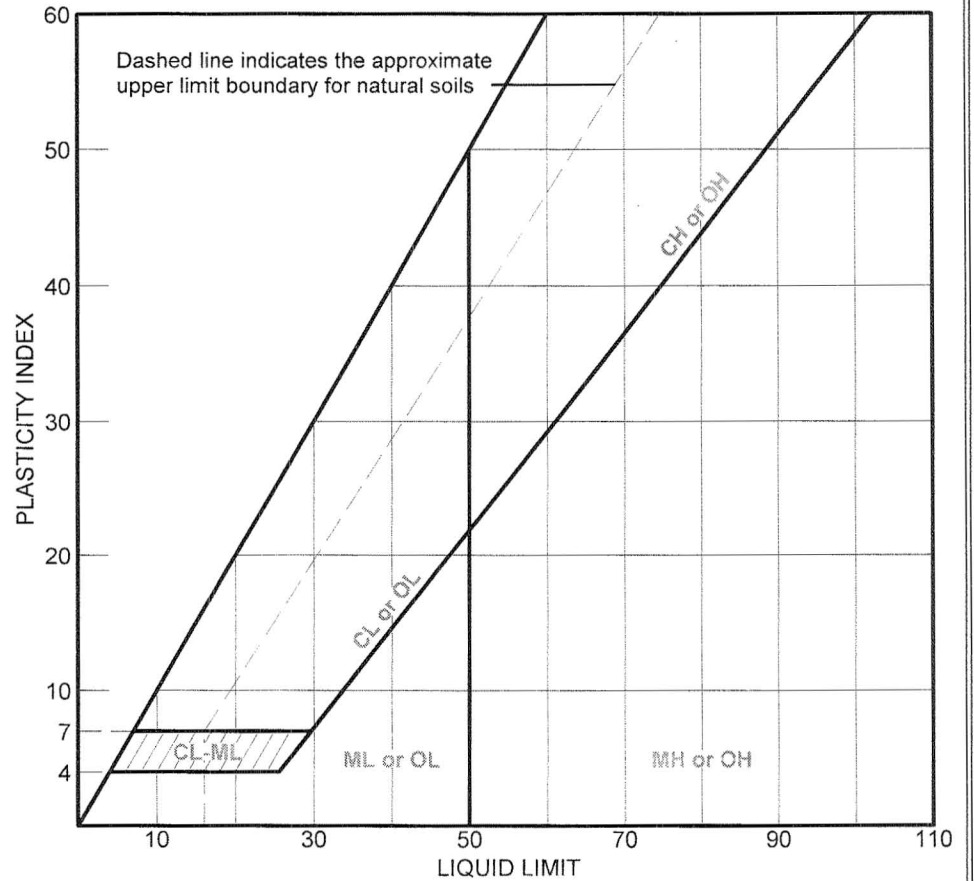
Client: GPC c/o SNOC  
Project: Vogtle Units 3 & 4 Test Pad Project  
Project Number: 6141-06-0286.54

Sample Data

Source: Center of Stockpile TPAD-5  
Sample No.: TPAD-5  
Elev. or Depth: N/A Sample Length(in./cm.): N/A  
Location: TPAD-5  
Description: Red Silty sand  
Date: N/A Natural Moisture: 7.2  
USCS Class.: SM AASHTO Class.:  
Testing Remarks: Tested by: MD Reviewed by: MC

Liquid Limit= NV  
Plastic Limit= NP  
Plasticity Index= NP

# LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
• North Center of Stockpile TPAD-6	TPAD-6	N/A	N/A	SM	Reddish Brown Silty sand	6.1	NV	NP

Client GPC c/o SNOC  
 Project Vogtle Units 3 & 4 Test Pad Project  
 Project No. 6141-06-0286.54

**MACTEC ENGINEERING  
 AND  
 CONSULTING, INC.**

• Tested by: MD      Reviewed by: MC

LIQUID AND PLASTIC LIMIT TEST DATA

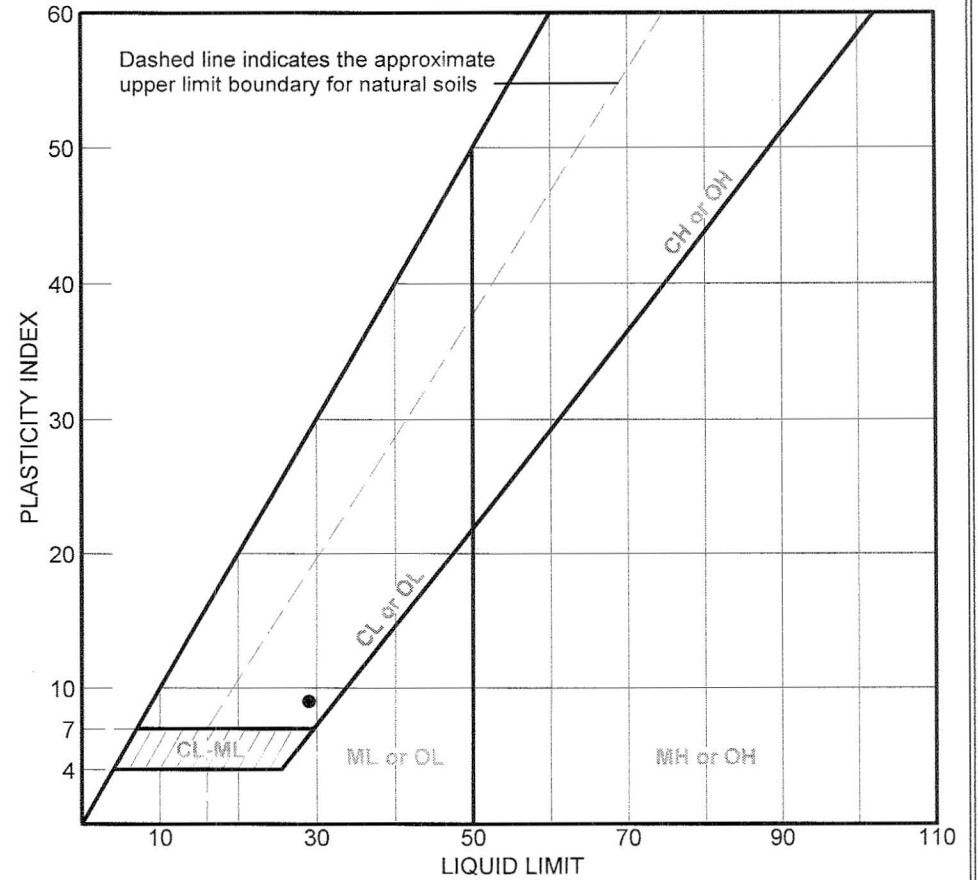
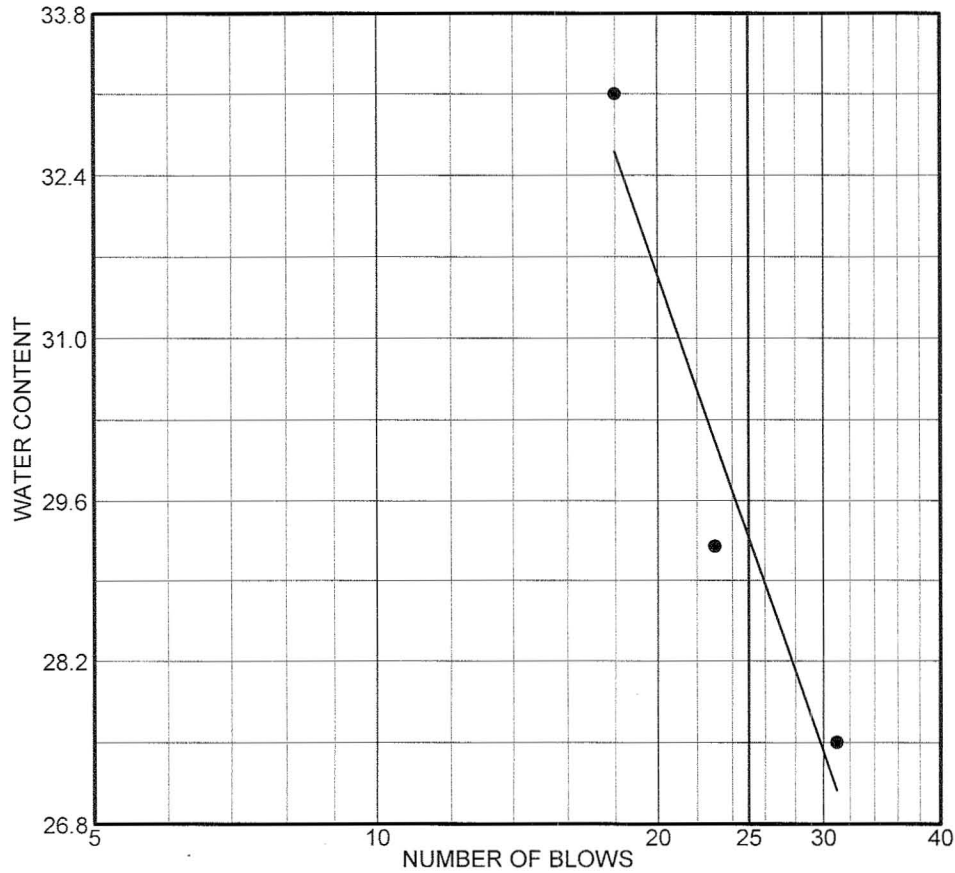
Client: GPC c/o SNOC  
Project: Vogtle Units 3 & 4 Test Pad Project  
Project Number: 6141-06-0286.54

Sample Data

Source: North Center of Stockpile TPAD-6  
Sample No.: TPAD-6  
Elev. or Depth: N/A                      Sample Length(in./cm.): N/A  
Location: TPAD-6  
Description: Reddish Brown Silty sand  
Date: N/A                      Natural Moisture: 6.1  
USCS Class.: SM                      AASHTO Class.:  
Testing Remarks: Tested by: MD                      Reviewed by: MC

Liquid Limit=     NV      
Plastic Limit=     NP      
Plasticity Index=     NP

# LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
• New NE Borrow Area 20' below grade TPAD-8	NE Borrow Area	N/A	N/A	SC	Reddish Clayey sand	11.7	29	9

Client GPC c/o SNOC  
 Project Vogtle Units 3 & 4 Test Pad Project  
 Project No. 6141-06-0286.54

**MACTEC ENGINEERING  
 AND  
 CONSULTING, INC.**

• Tested by: MD      Reviewed by: MD



**LIQUID AND PLASTIC LIMIT TEST DATA**

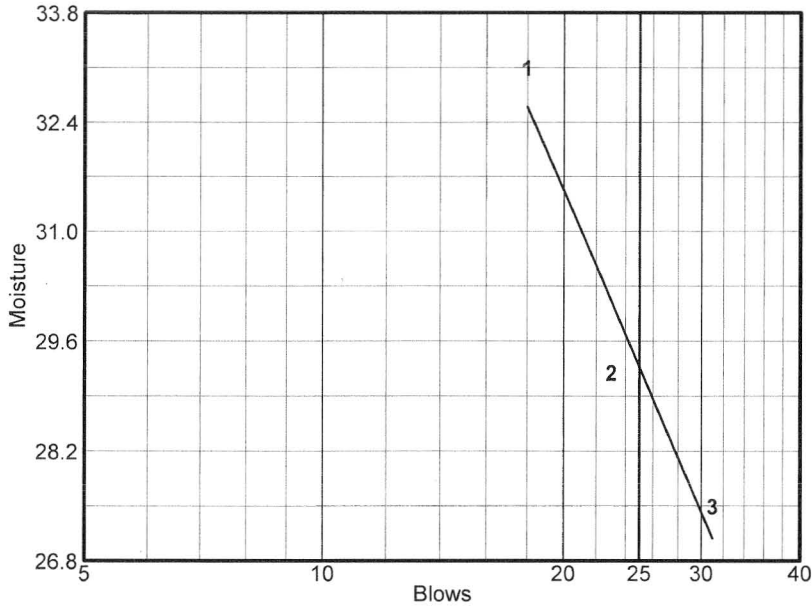
**Client:** GPC c/o SNOC  
**Project:** Vogtle Units 3 & 4 Test Pad Project  
**Project Number:** 6141-06-0286.54

**Sample Data**

**Source:** New NE Borrow Area 20' below grade TPAD-8  
**Sample No.:** NE Borrow Area  
**Elev. or Depth:** N/A **Sample Length(in./cm.):** N/A  
**Location:** TPAD-8  
**Description:** Reddish Clayey sand  
**Date:** N/A **Natural Moisture:** 11.7  
**USCS Class.:** SC **AASHTO Class.:**  
**Testing Remarks:** Tested by: MD Reviewed by: MD

**Liquid Limit Data**

Run No.	1	2	3	4	5	6
<b>Wet+Tare</b>	44.23	45.48	47.13			
<b>Dry+Tare</b>	41.67	42.87	44.21			
<b>Tare</b>	33.93	33.92	33.58			
<b># Blows</b>	18	23	31			
<b>Moisture</b>	33.1	29.2	27.5			



**Liquid Limit=** 29  
**Plastic Limit=** 20  
**Plasticity Index=** 9

**Plastic Limit Data**

Run No.	1	2	3	4
<b>Wet+Tare</b>	40.17	40.07		
<b>Dry+Tare</b>	39.13	39.04		
<b>Tare</b>	33.77	33.79		
<b>Moisture</b>	19.4	19.6		