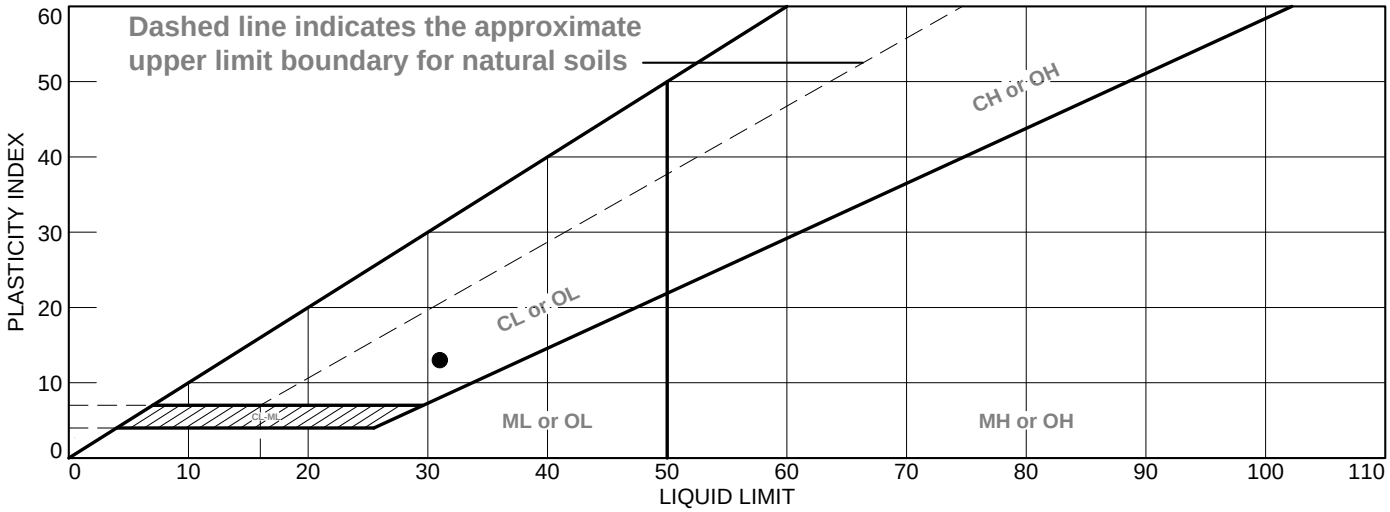
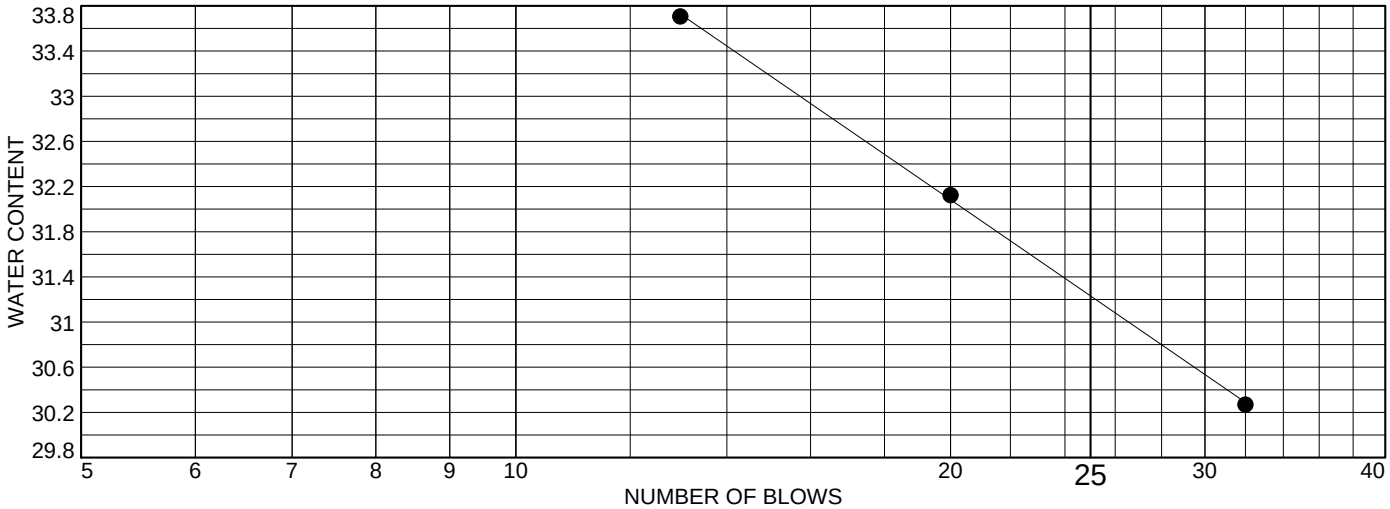
LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY AND F-M SAND - BROWN AND GRAY	31	18	13	95.4	61.8	CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-600A **Depth:** +728.5' - +729.8' **Sample No.:** ST-2

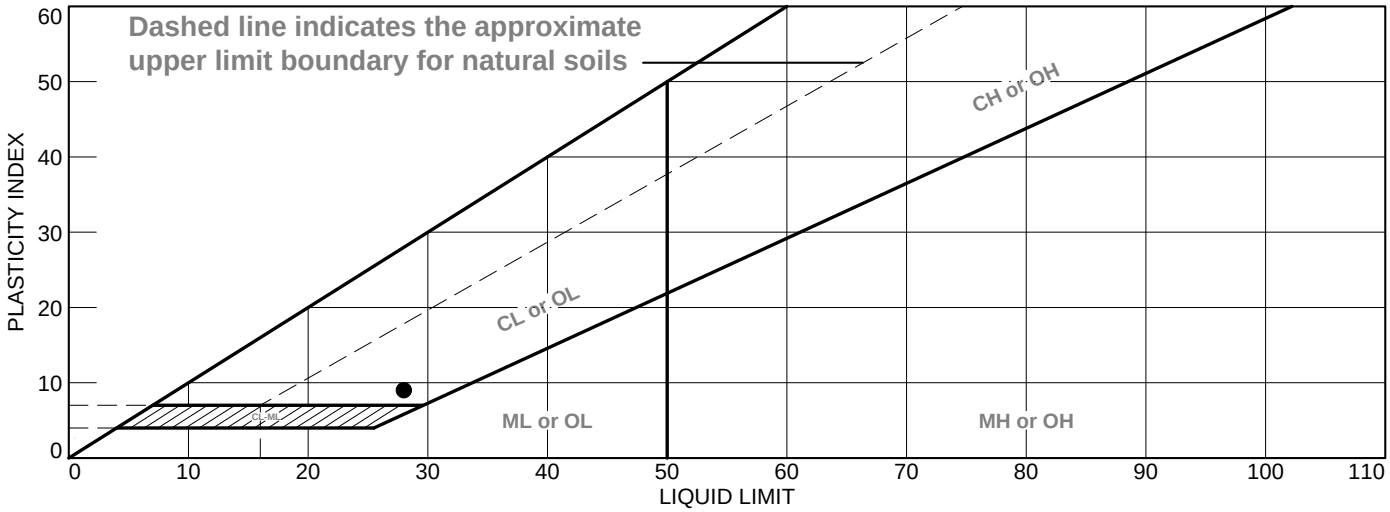
Remarks:

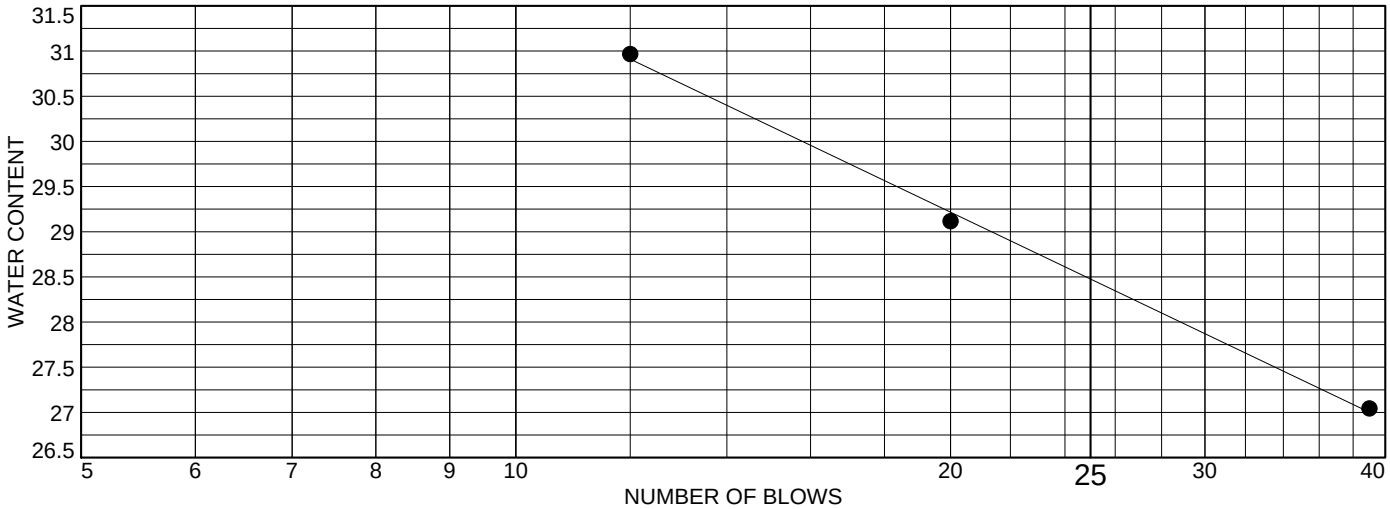
STS | AECOM

Figure

Tested By: DS **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, LITTLE F-M SAND - BROWN	28	19	9			CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-600A **Depth:** +726.5' - +727.8' **Sample No.:** ST-3

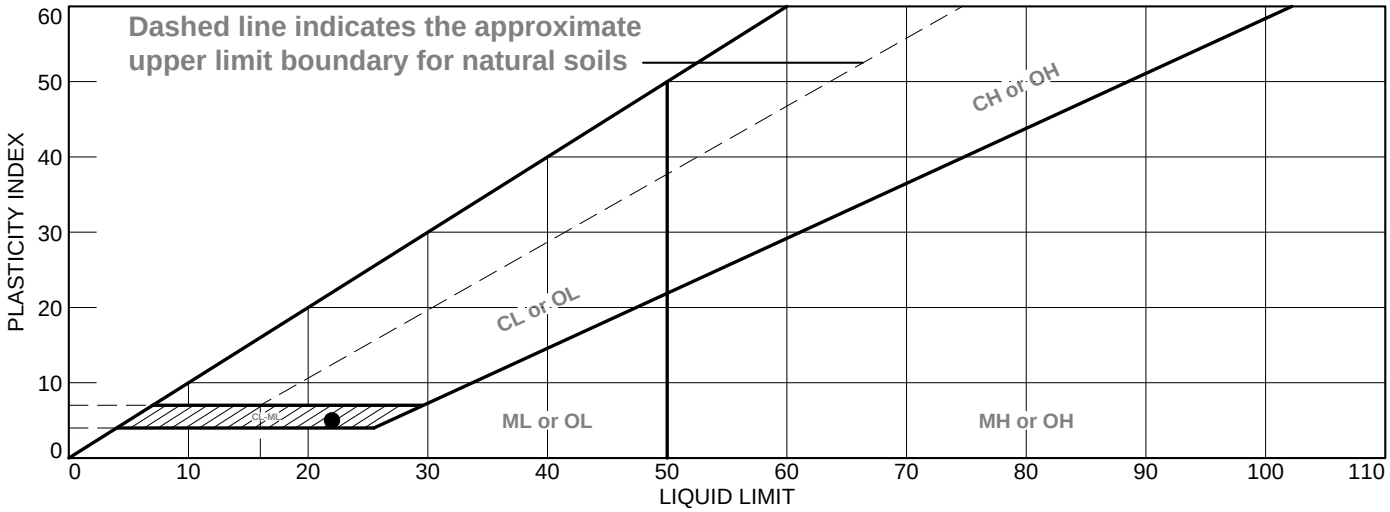
Remarks:

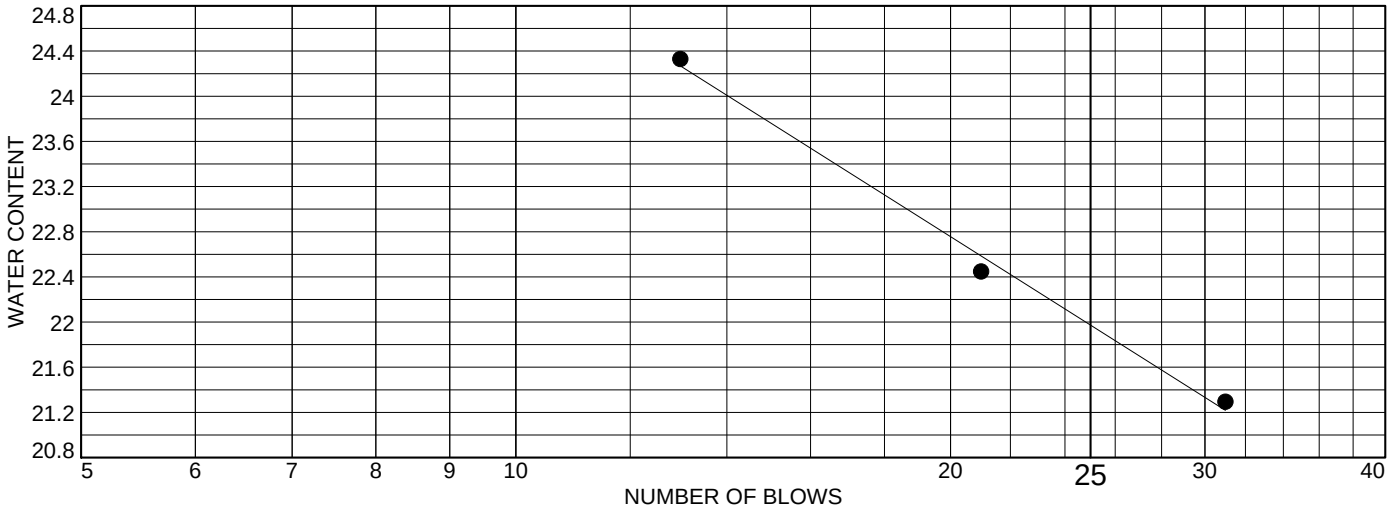
STS | AECOM

Figure

Tested By: DS **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	CLAYEY SILT, LITTLE F-M SAND - BROWN AND GRAY	22	17	5			CL-ML

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-600B **Depth:** +725.2' - +725.7' **Sample No.:** OST4

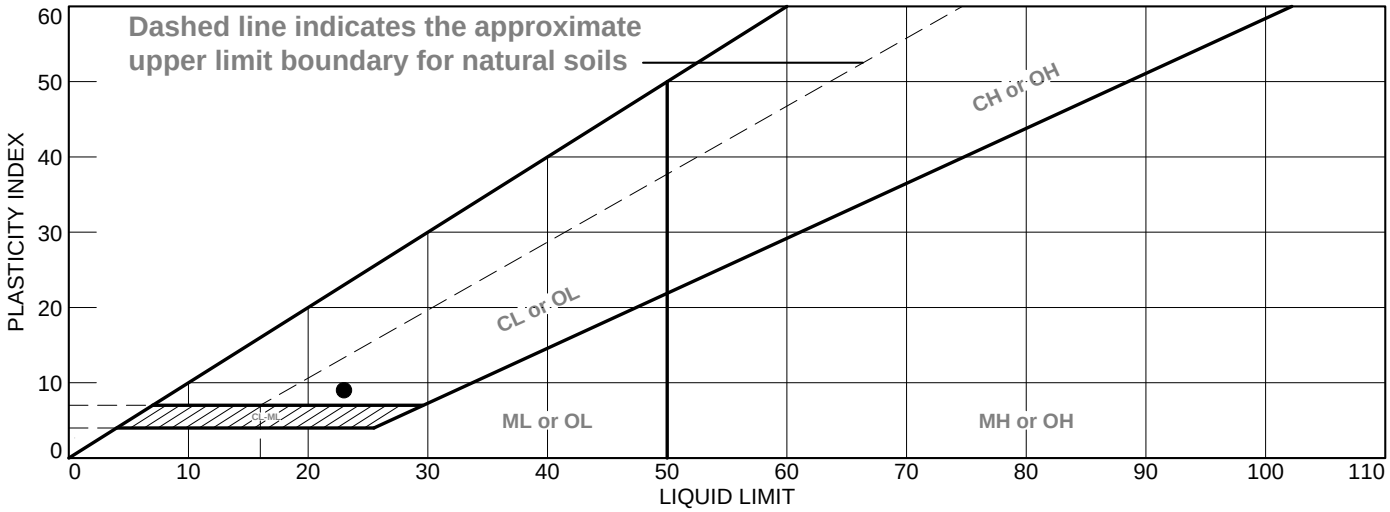
Remarks:

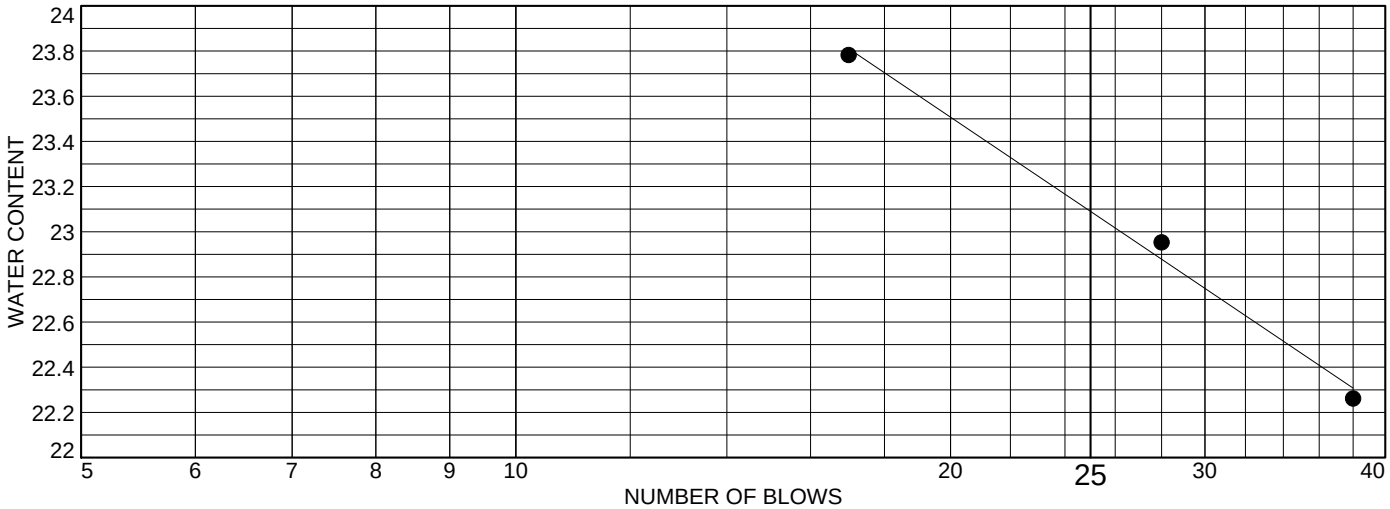
STS | AECOM

Figure

Tested By: PJP **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, LITTLE F-M SAND - GRAYISH BROWN	23	14	9			CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-601A **Depth:** +733.5' - +735.1' **Sample No.:** ST-1

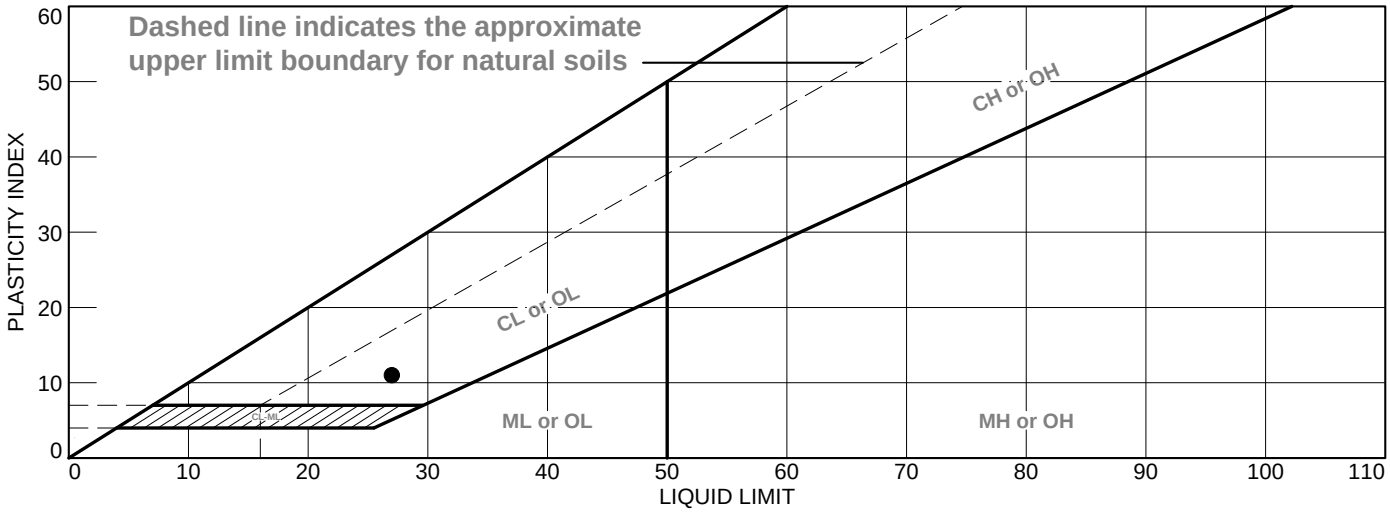
Remarks:

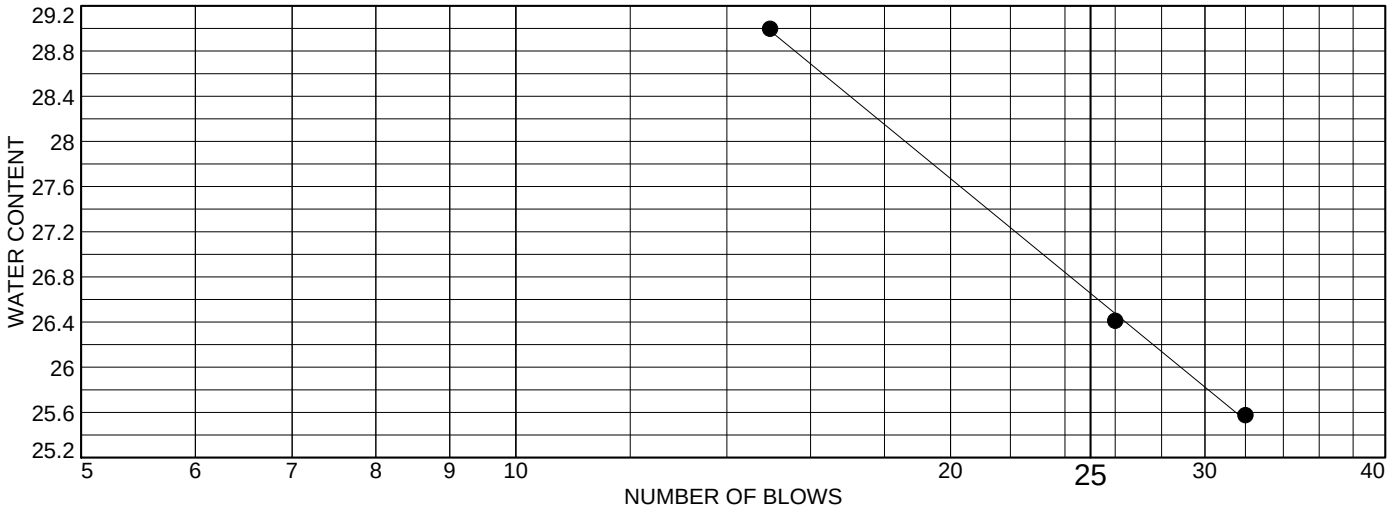
STS | AECOM

Figure

Tested By: PJP **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY AND F-M SAND - BROWN	27	16	11	99.7	53.8	CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-601A **Depth:** +731.6' - +733.1' **Sample No.:** ST-2

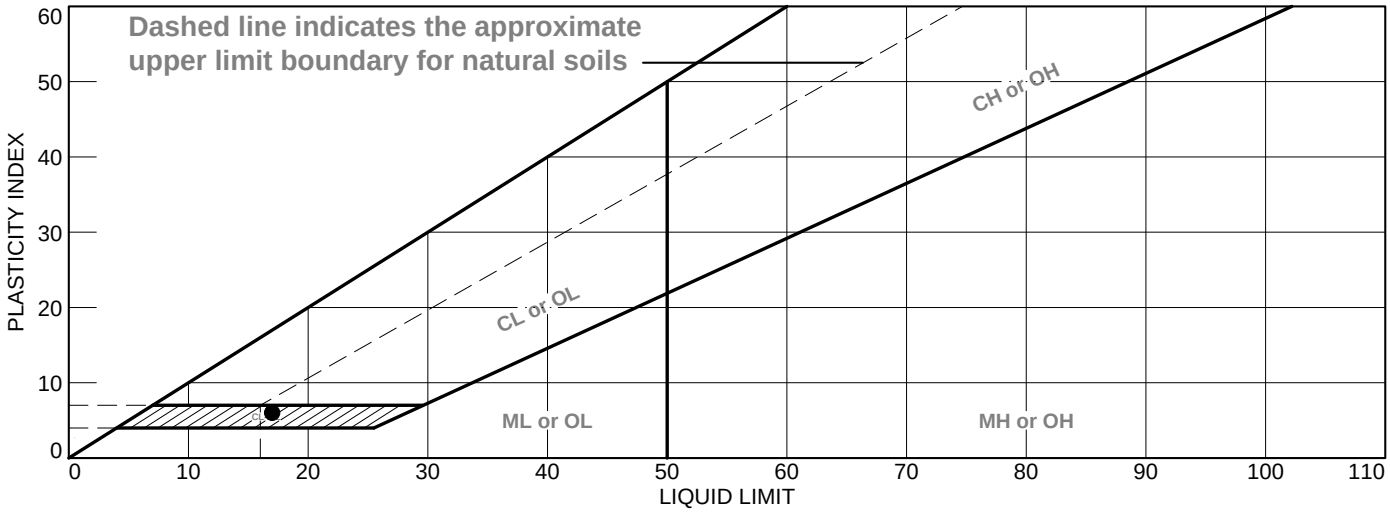
Remarks:

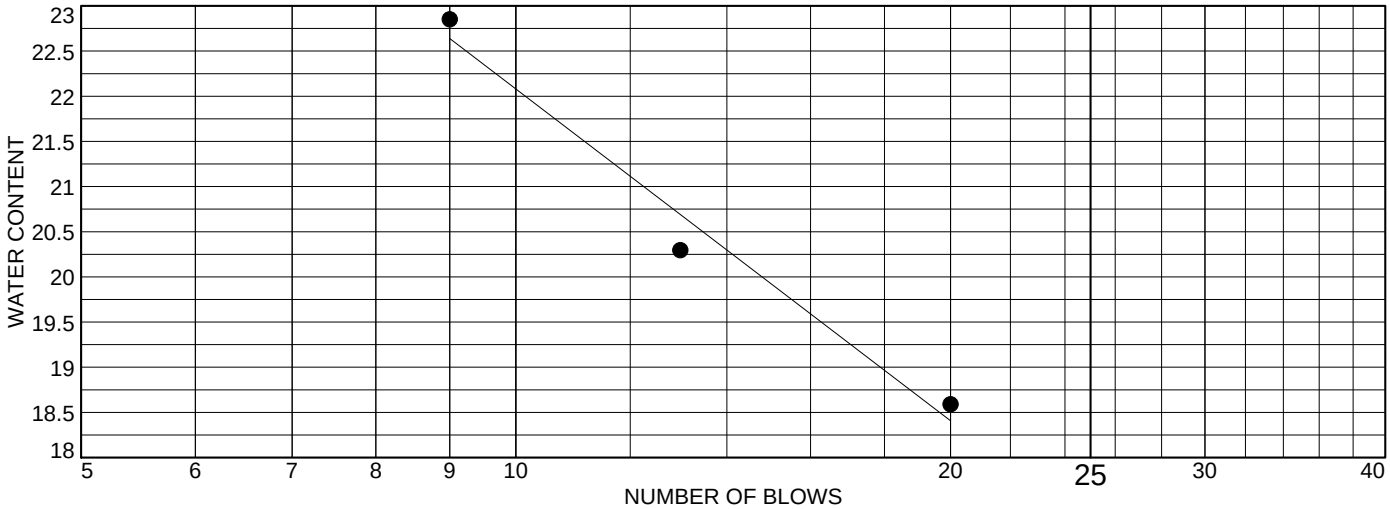
STS | AECOM

Figure

Tested By: PJP **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	CLAYEY SILT, AND F-M SAND - BROWN	17	11	6			CL-ML

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-601A **Depth:** +729.5' - +731.1' **Sample No.:** ST-3

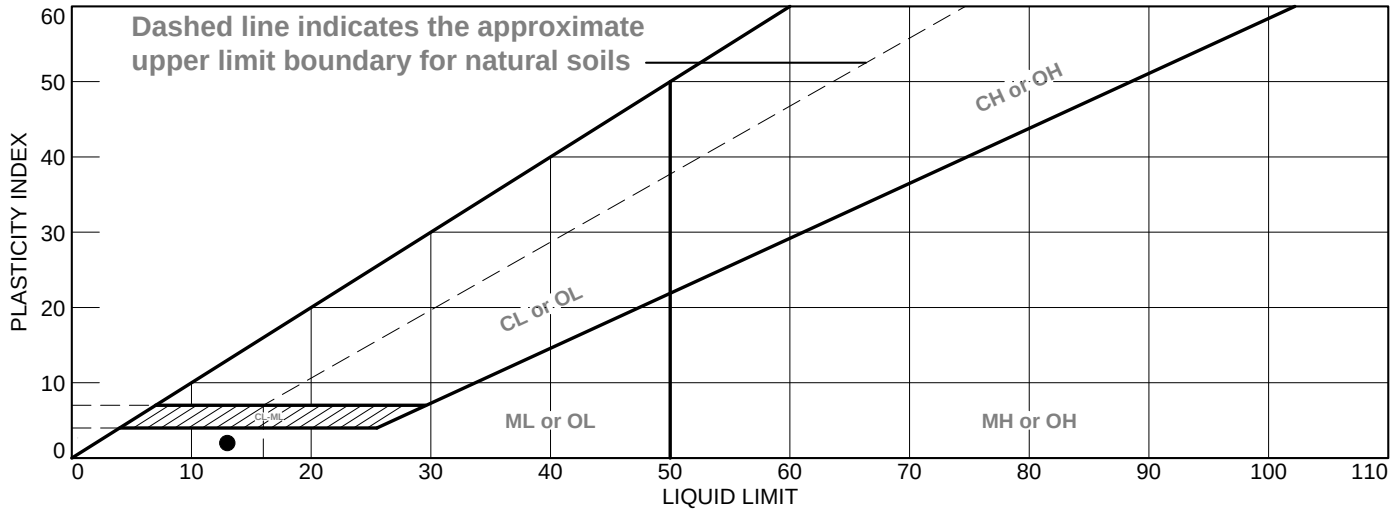
STS | AECOM

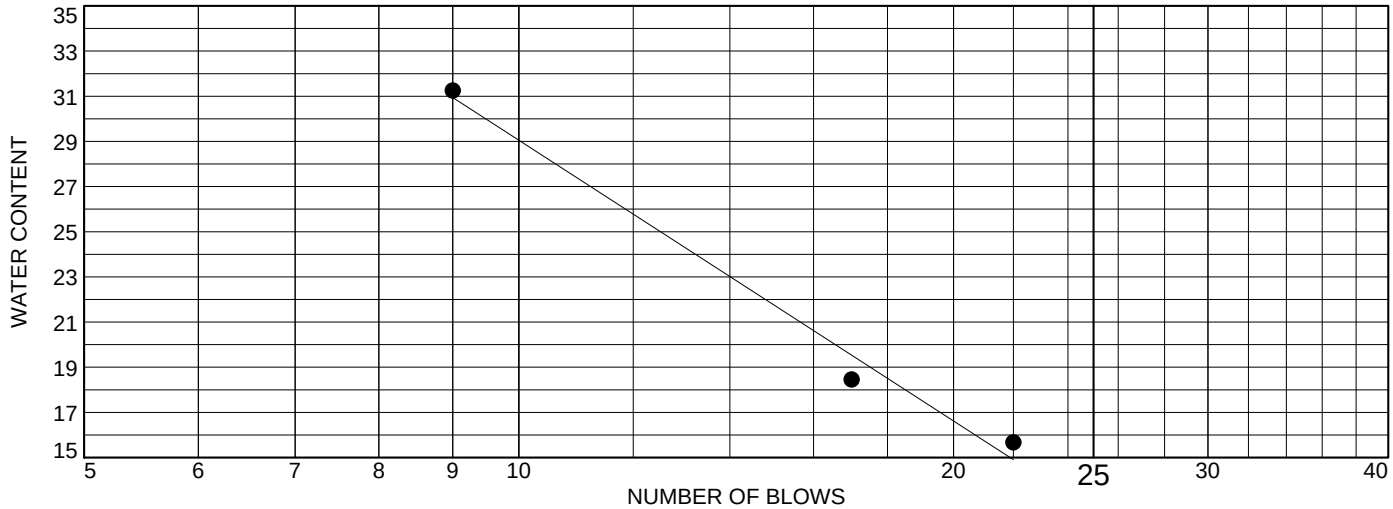
Remarks:

Figure

Tested By: EMR **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SANDY SILT, LITTLE CLAY - BROWN	13	11	2			ML

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-601A **Depth:** +727.7' - +729.1' **Sample No.:** ST-4

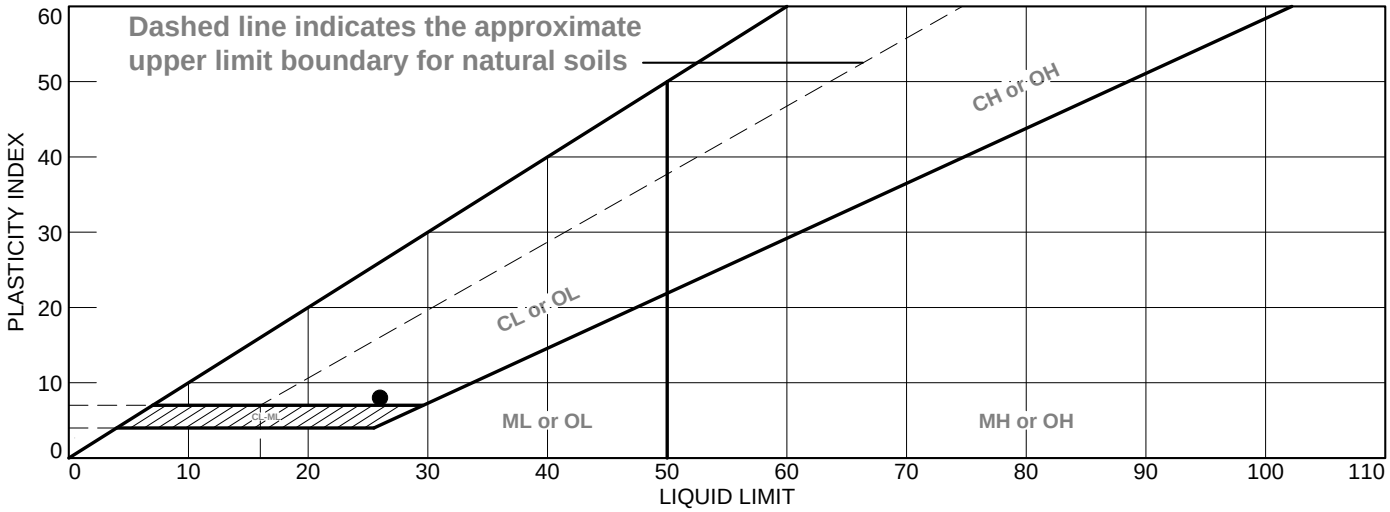
STS | AECOM

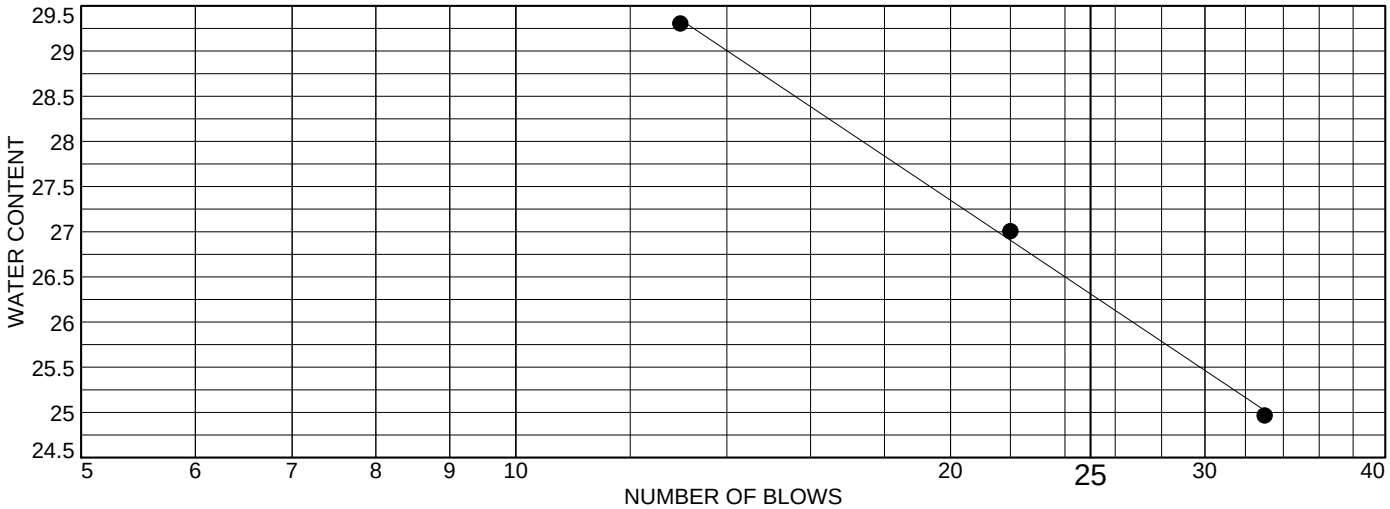
Remarks:

Figure

Tested By: EMR **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, LITTLE F-M SAND - BROWN	26	18	8			CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-602A **Depth:** +724.4' - +726.1' **Sample No.:** ST-1

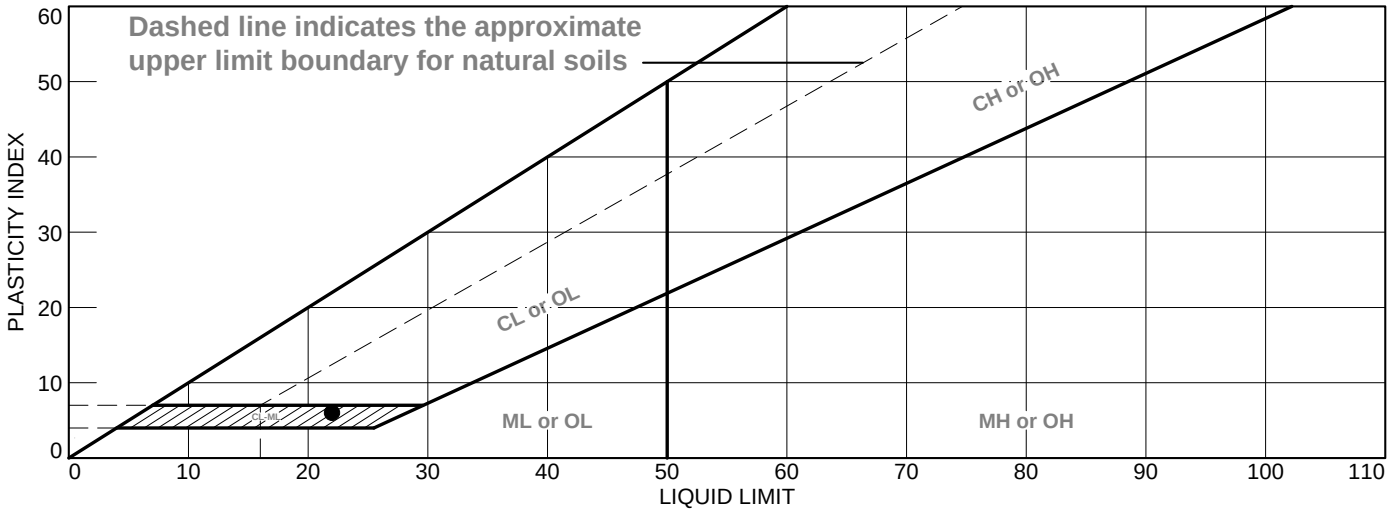
Remarks:

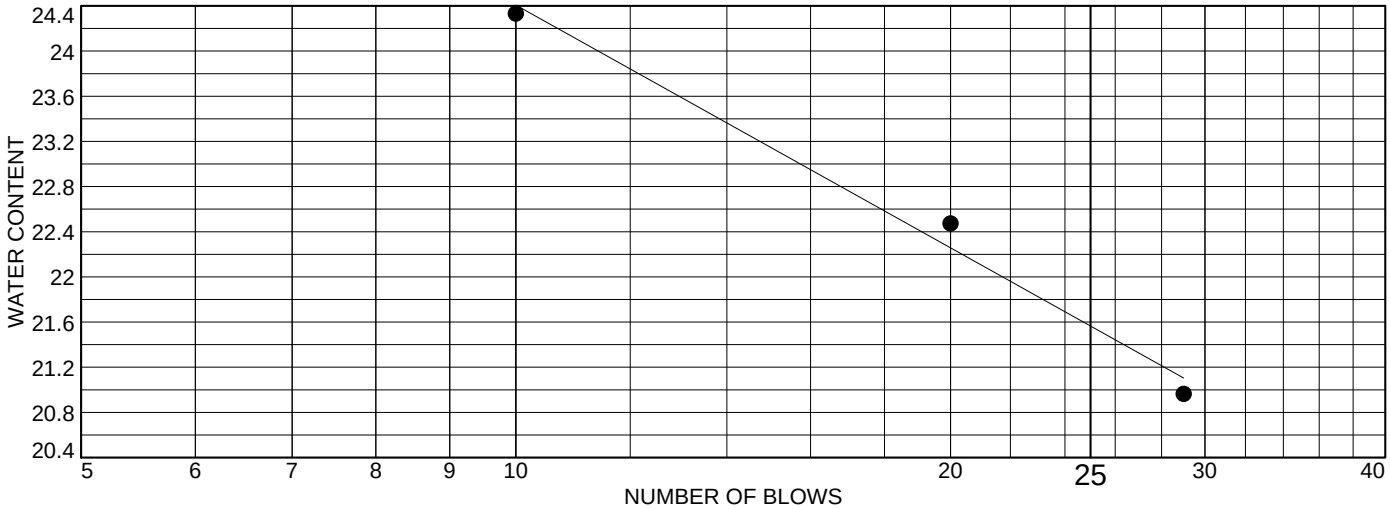
STS | AECOM

Figure

Tested By: MPM **Checked By:** JDW

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	CLAYEY SILT, LITTLE F-M SAND - BROWN	22	16	6			CL-ML

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-602A **Depth:** +719.2' - +719.6' **Sample No.:** ST-2

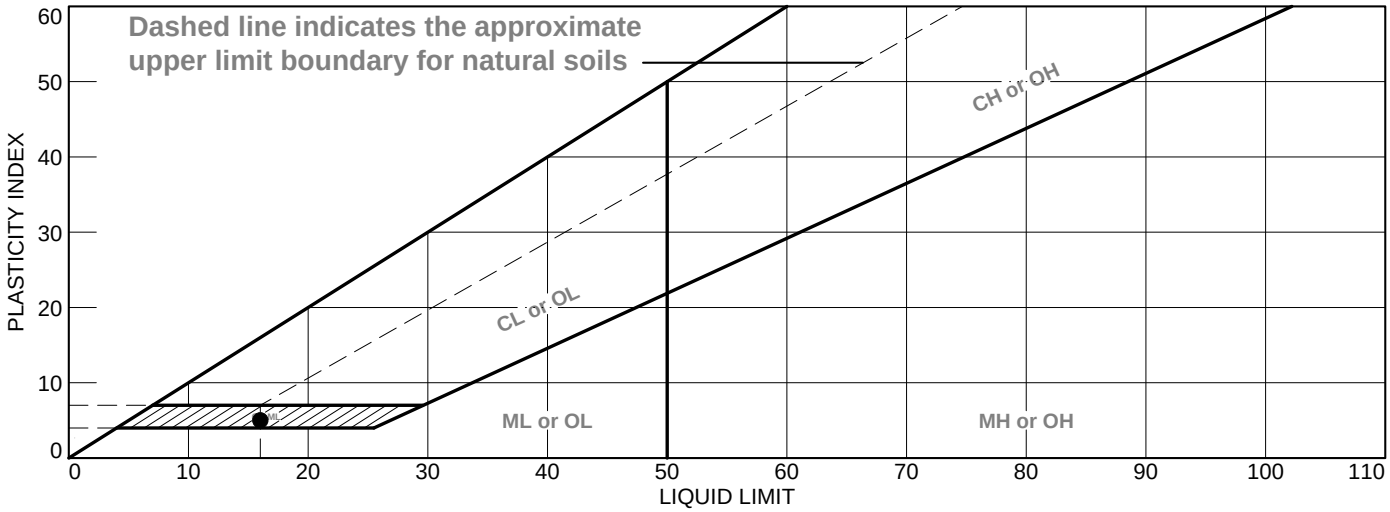
STS | AECOM

Remarks:

Figure

Tested By: MPM **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	CLAYEY SILT AND FINE SAND - GRAY	16	11	5	99.7	51.5	CL-ML

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-602A **Depth:** +718.0' - +718.5' **Sample No.:** ST-3

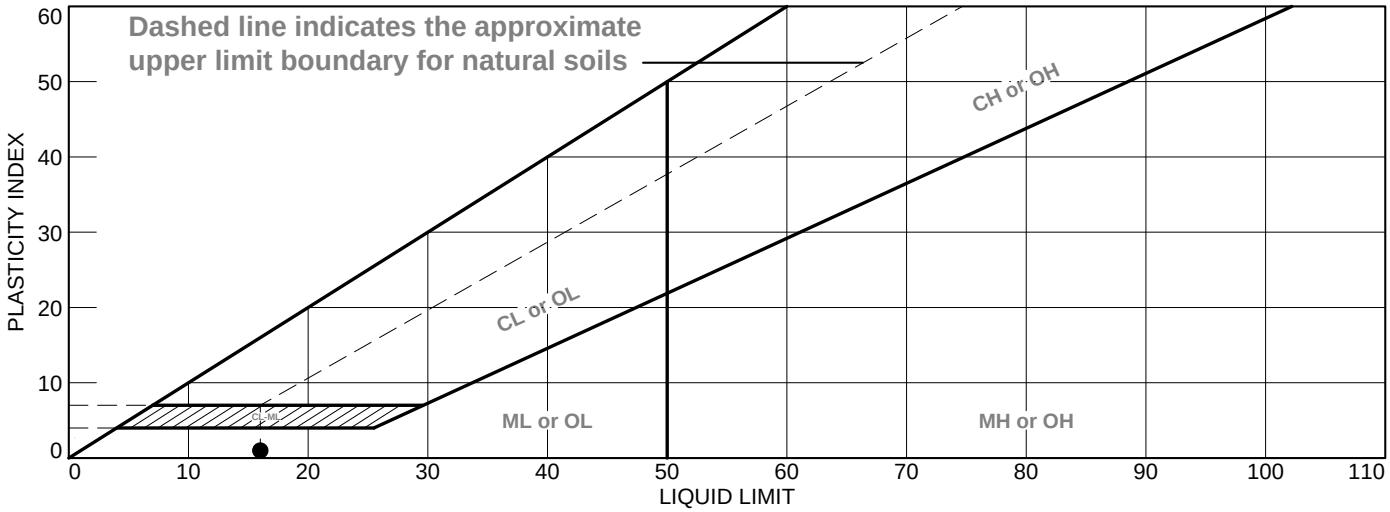
STS | AECOM

Remarks:

Figure

Tested By: EMR **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SANDY SILT, LITTLE CLAY - GRAY	16	15	1			ML

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-602B **Depth:** +713.9' - +716.4' **Sample No.:** OST5

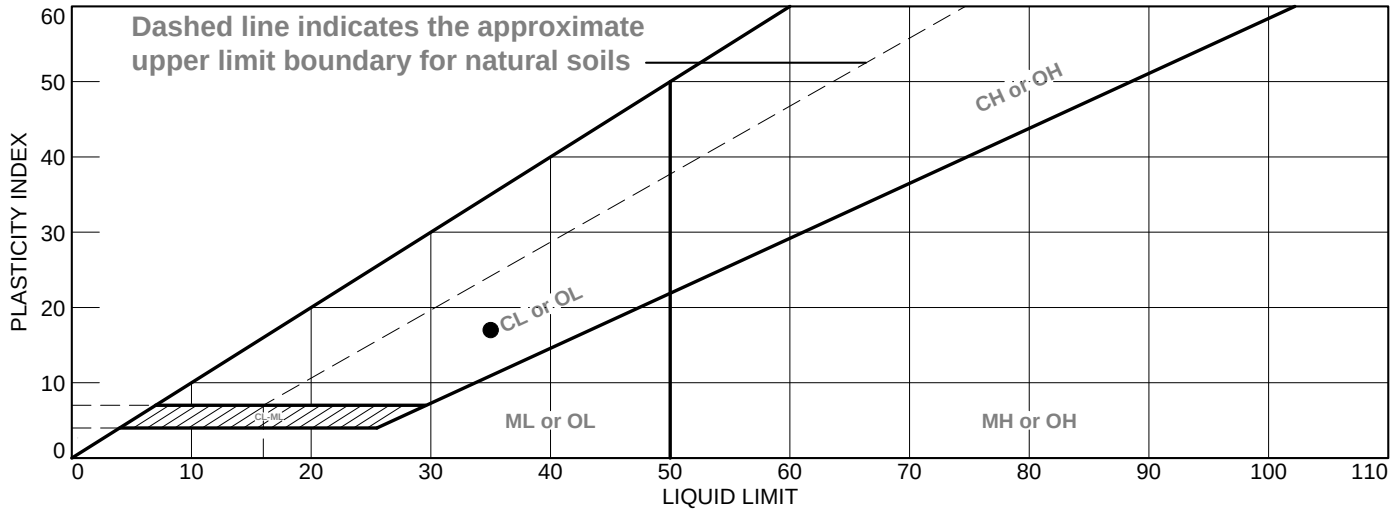
Remarks:

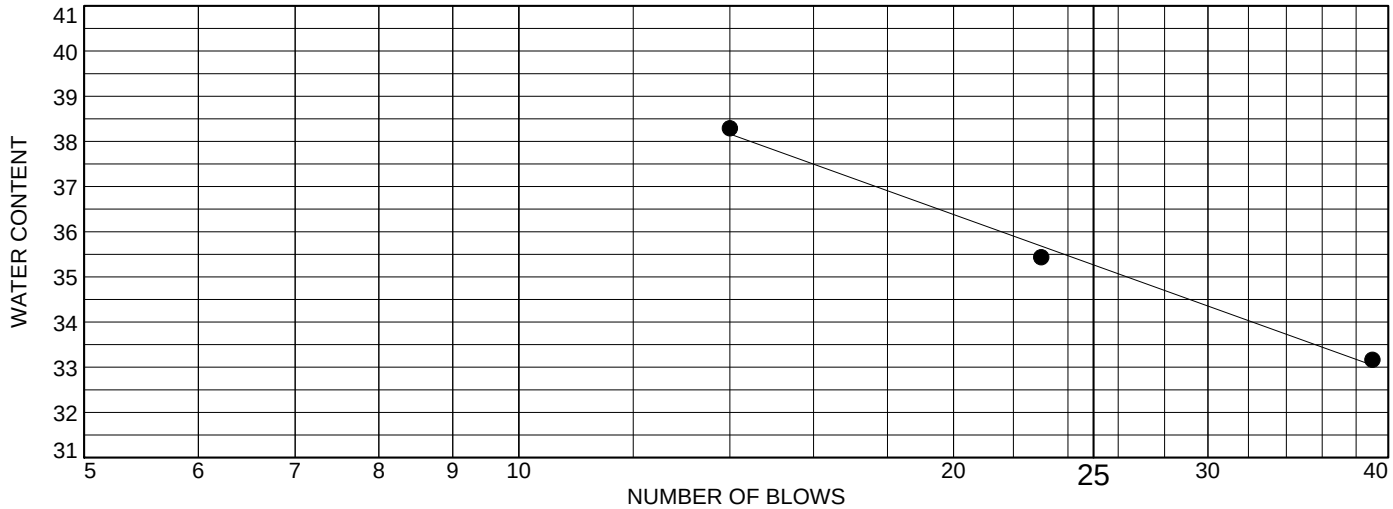
STS | AECOM

Figure

Tested By: EMR **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, LITTLE F-M SAND - BROWN AND GRAY	35	18	17			CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-604A **Depth:** +717.4' - +718.4' **Sample No.:** ST-1

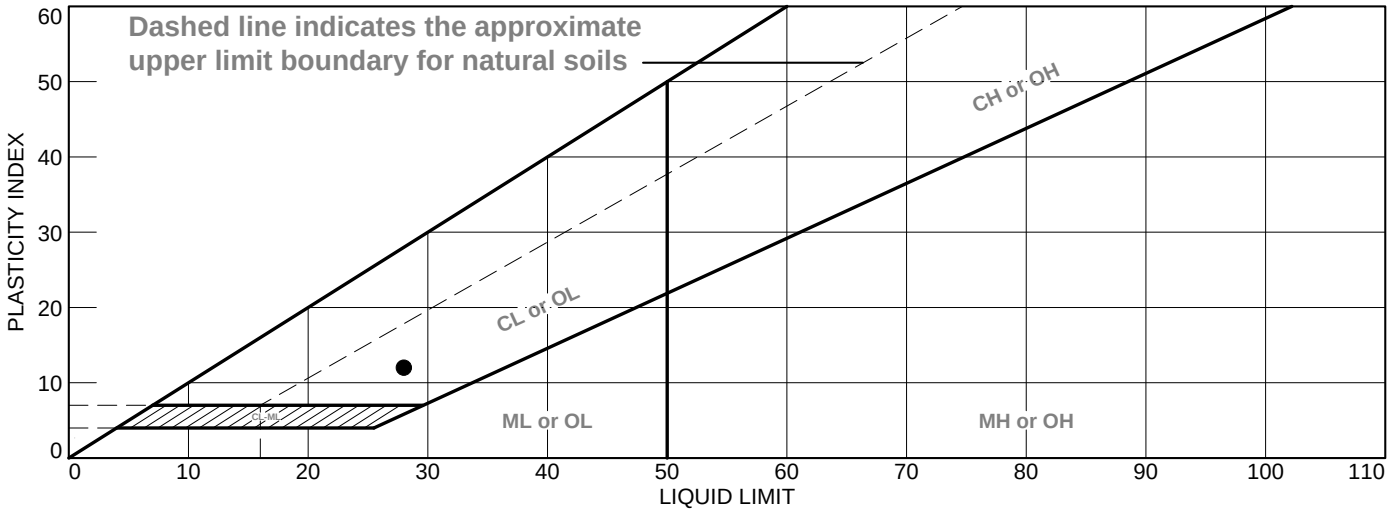
Remarks:

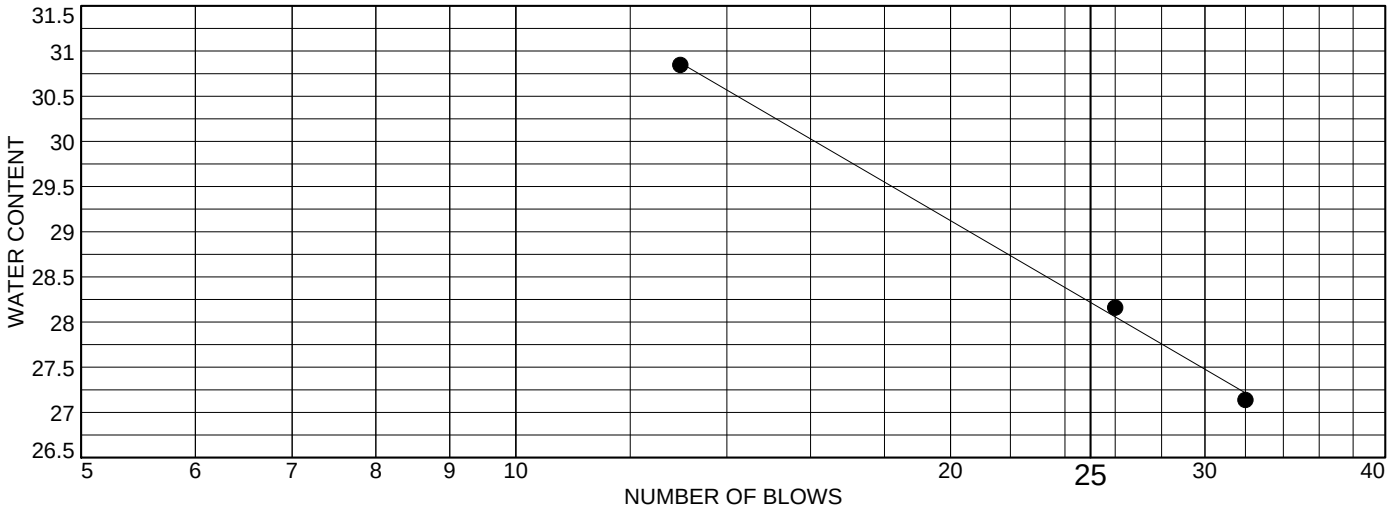
STS | AECOM

Figure

Tested By: DS **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, SOME F-M SAND - GRAY	28	16	12	99.5	73.6	CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-604A **Depth:** +715.9' - +716.4' **Sample No.:** ST-2

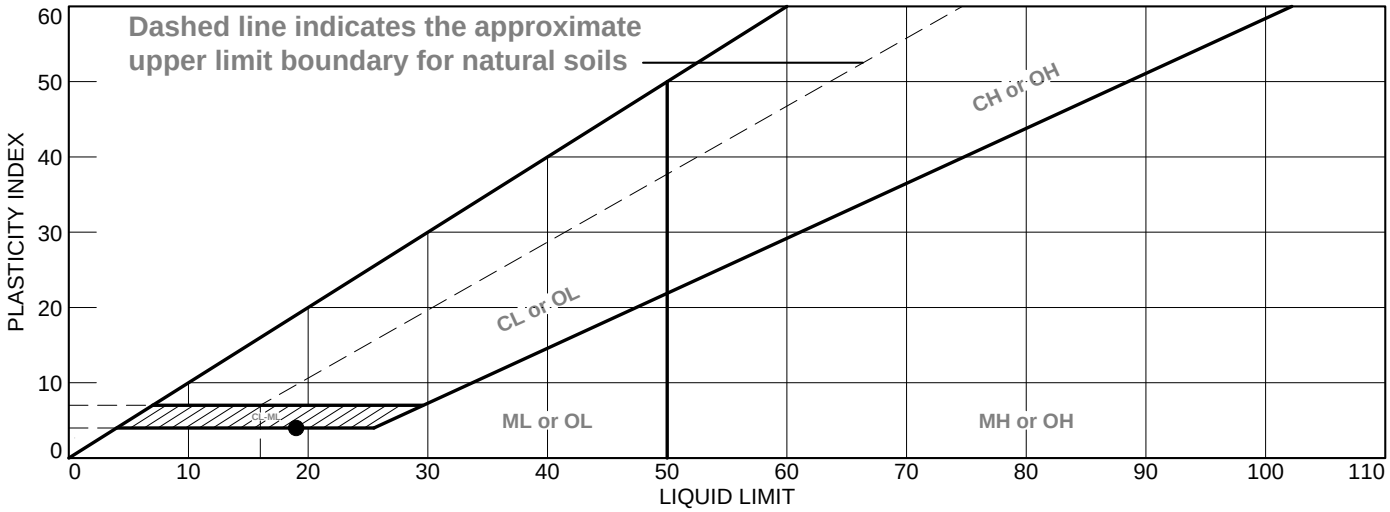
Remarks:

STS | AECOM

Figure

Tested By: PJP **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	CLAYEY SILT, LITTLE F-M SAND - GRAY	19	15	4			CL-ML

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-604A **Depth:** +708.7' - +710.4' **Sample No.:** ST-4

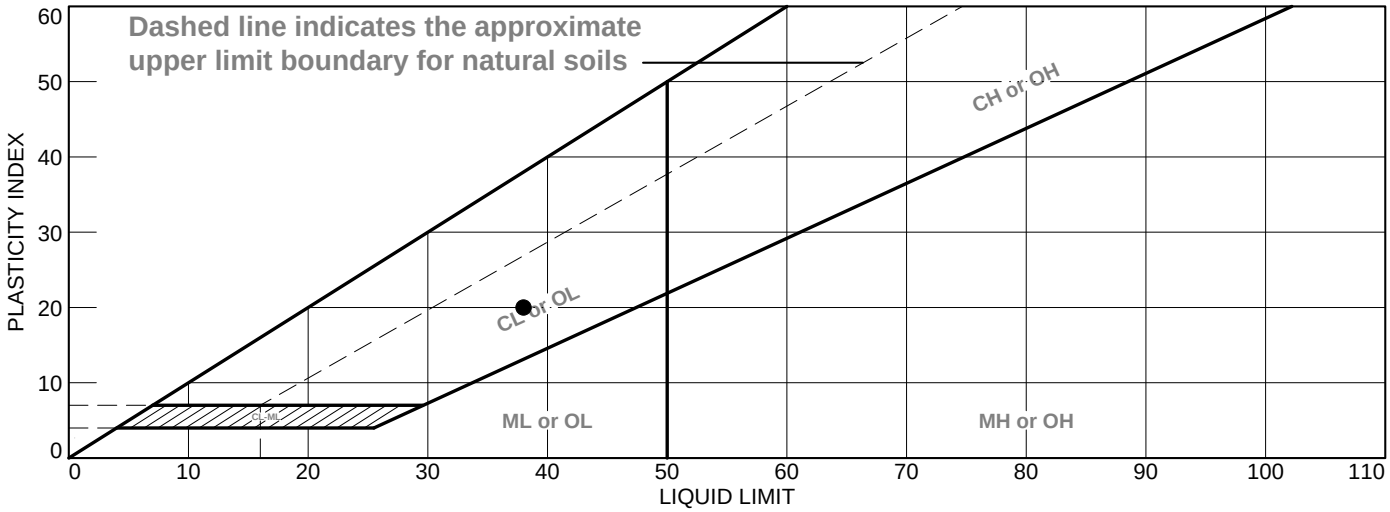
Remarks:

STS | AECOM

Figure

Tested By: EMR **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, LITTLE F-M SAND - BROWN	38	18	20			CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-604B **Depth:** +716.4' - +716.9' **Sample No.:** OST6

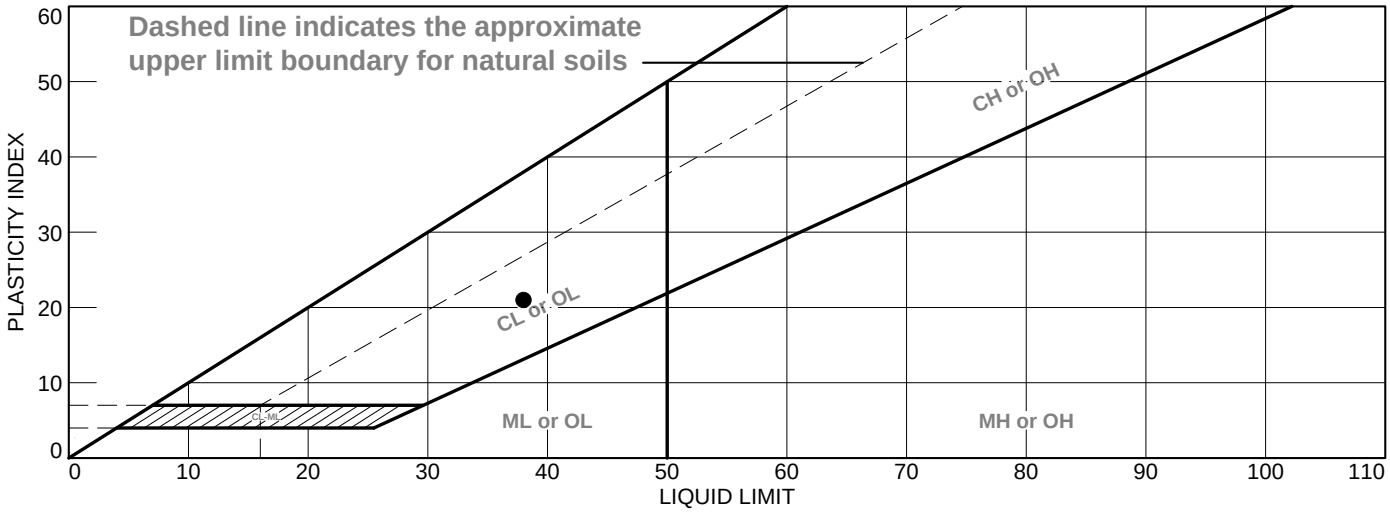
Remarks:

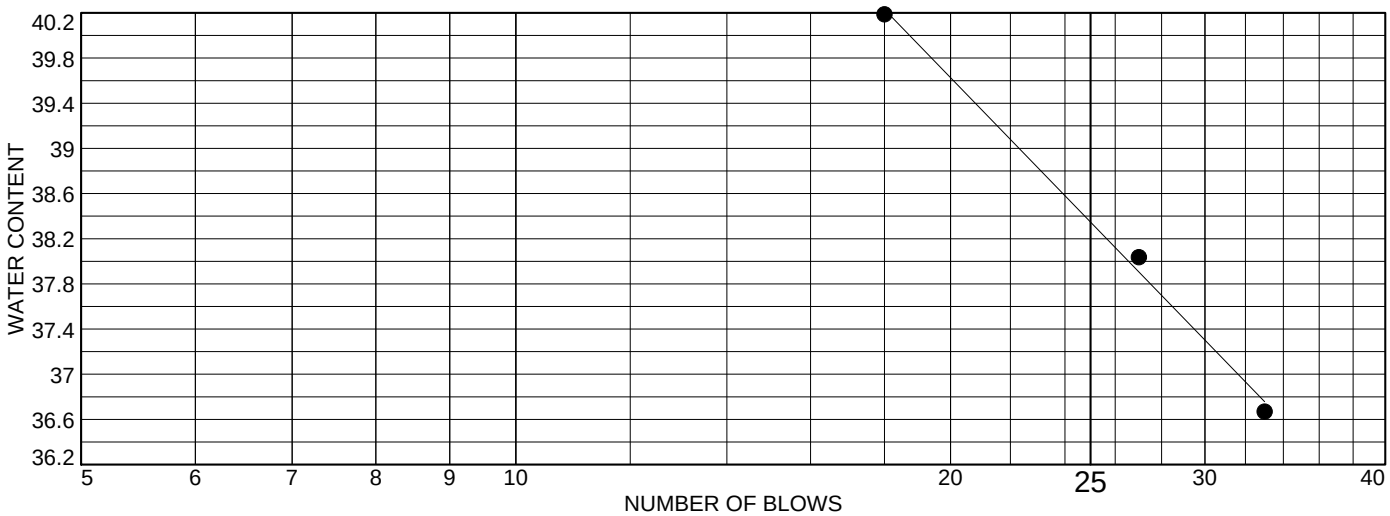
STS | AECOM

Figure

Tested By: DS **Checked By:** BCM

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, LITTLE F-M SAND - BROWN	38	17	21			CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-604B **Depth:** +713.9' - +714.4' **Sample No.:** OST7

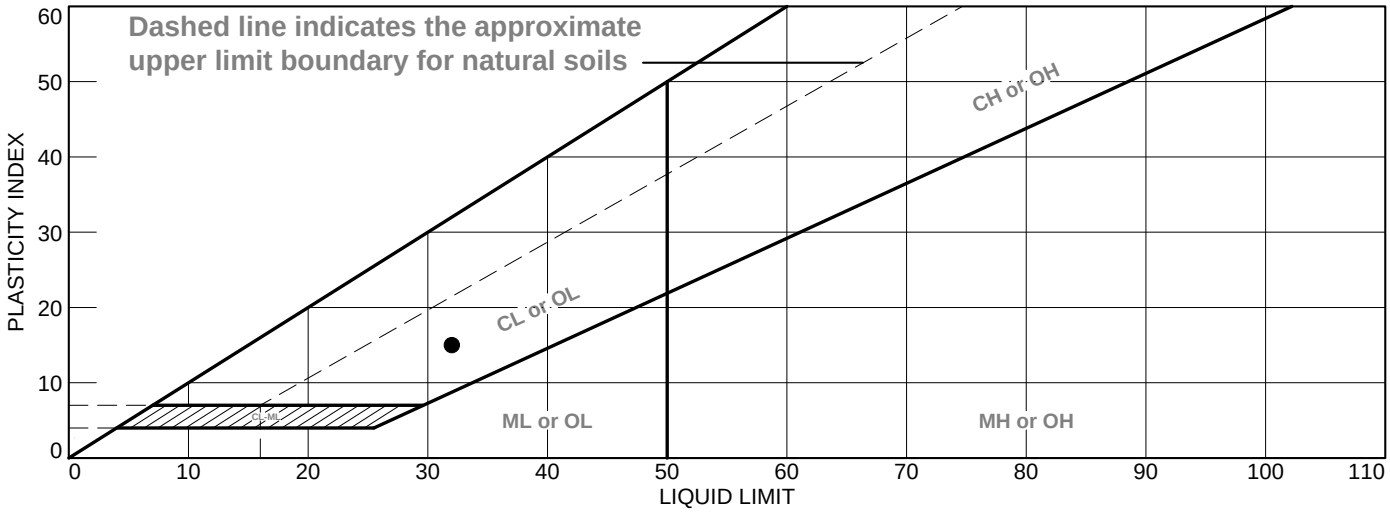
Remarks:

STS | AECOM

Figure

Tested By: DS **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, LITTLE F-M SAND - BROWN	32	17	15			CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-604B **Depth:** +712.9' - +713.4' **Sample No.:** OST8

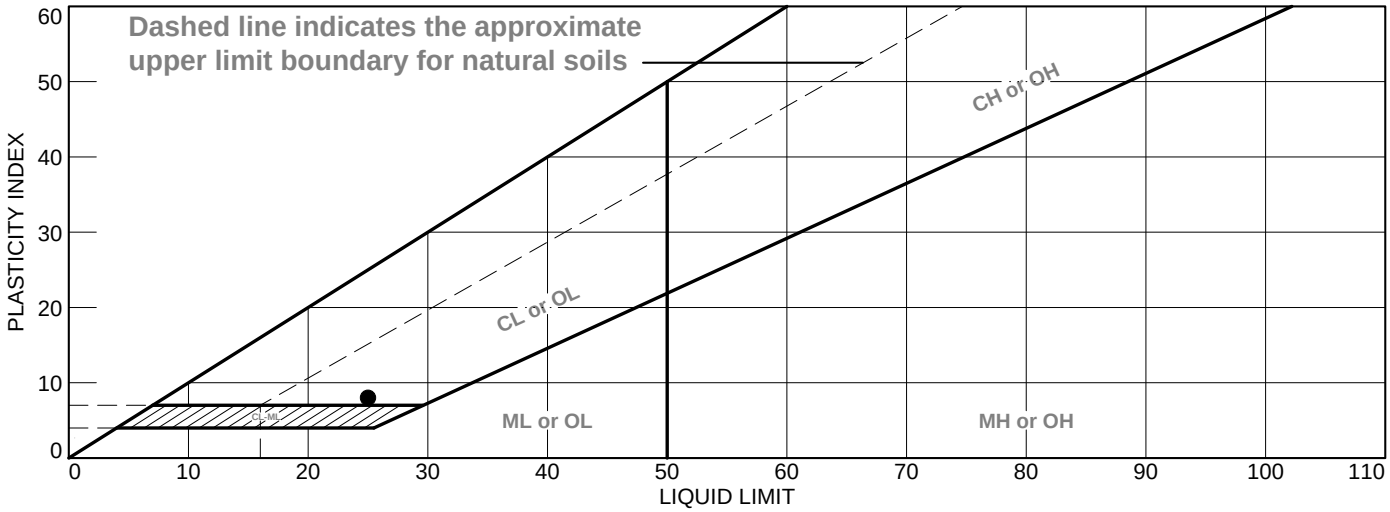
Remarks:

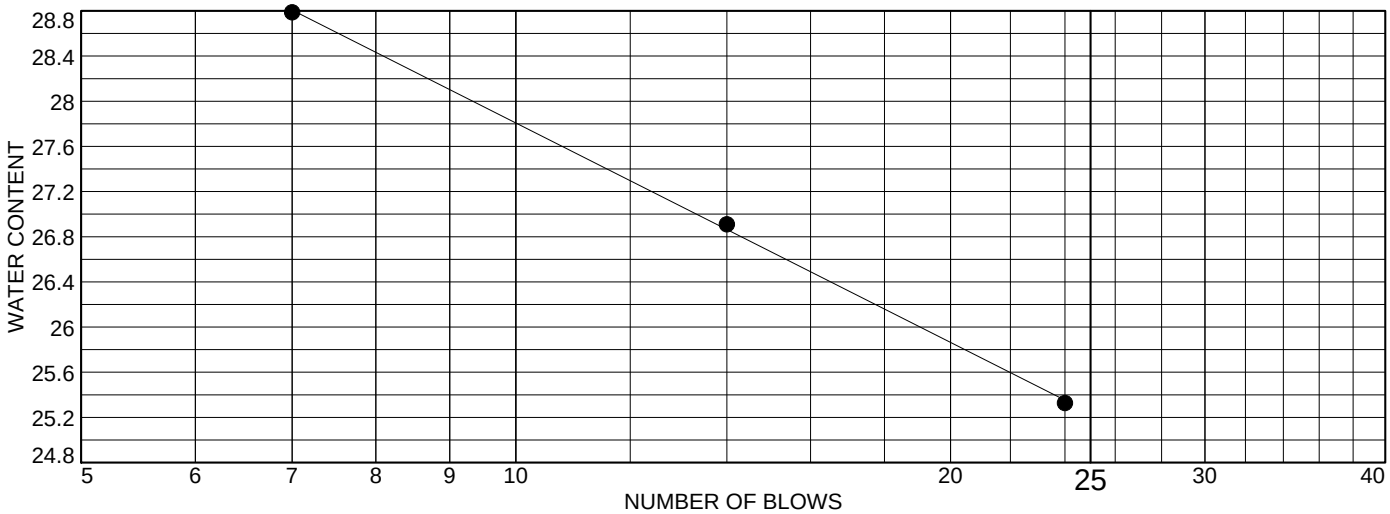
STS | AECOM

Figure

Tested By: MPM **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, LITTLE F-M SAND - GRAY	25	17	8			CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-604B **Depth:** +709.1' - +711.4' **Sample No.:** OST9

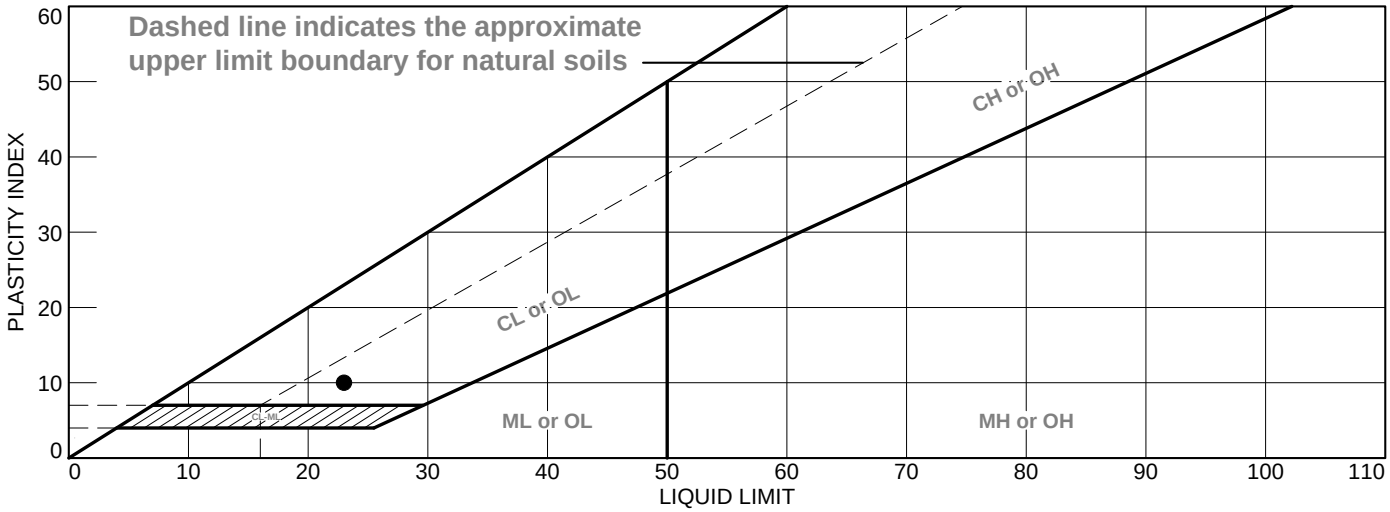
Remarks:

STS | AECOM

Figure

Tested By: MPM **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, LITTLE F-M SAND - BROWN AND GRAY	23	13	10			CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-605A **Depth:** +730.7' - +732.3' **Sample No.:** ST-1

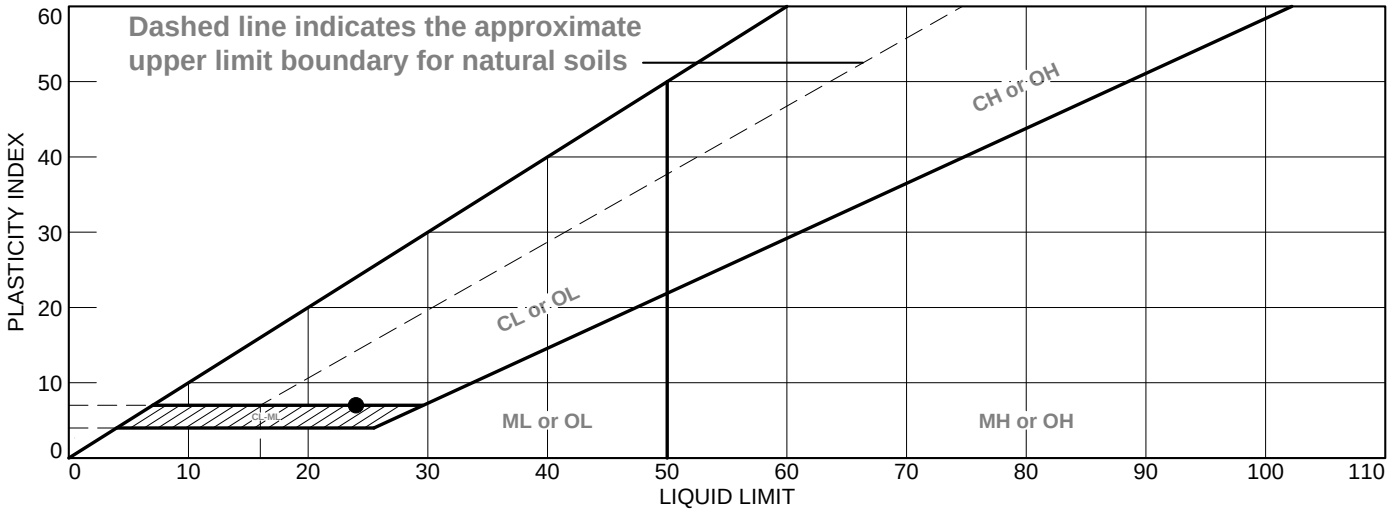
Remarks:

STS | AECOM

Figure

Tested By: EMR **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	CLAYEY SILT, LITTLE F-M SAND - GRAY	24	17	7			CL-ML

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-605A **Depth:** +728.7' - +729.6' **Sample No.:** ST-2

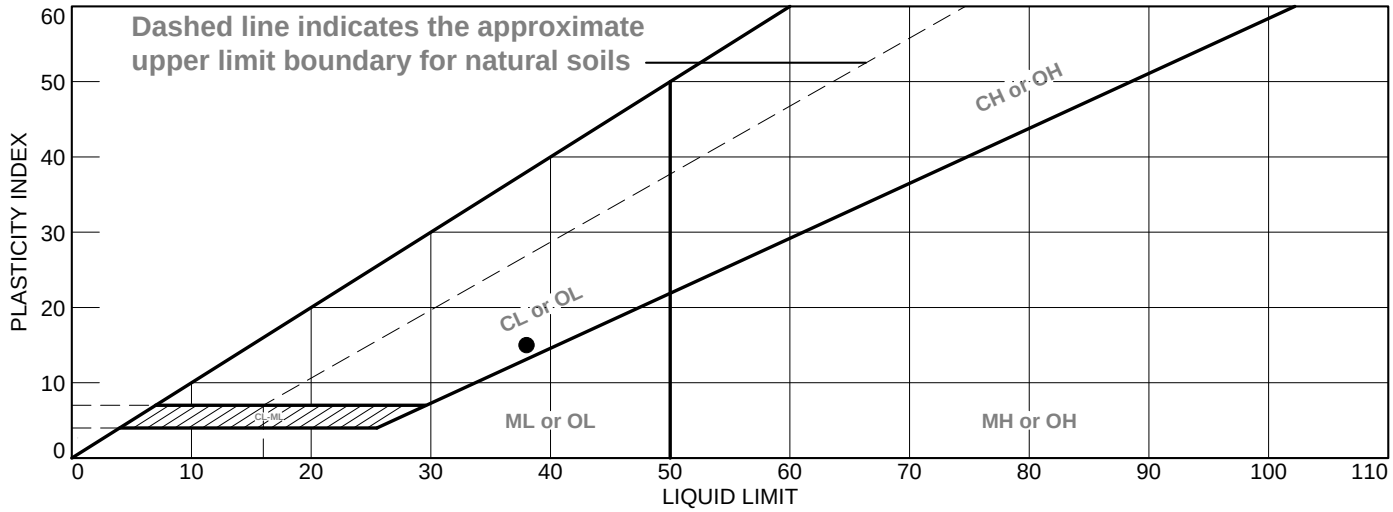
Remarks:

STS | AECOM

Figure

Tested By: DS **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, LITTLE F-M SAND - REDDISH BROWN	38	23	15			CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-605A **Depth:** +726.6' - +727.6' **Sample No.:** ST-3

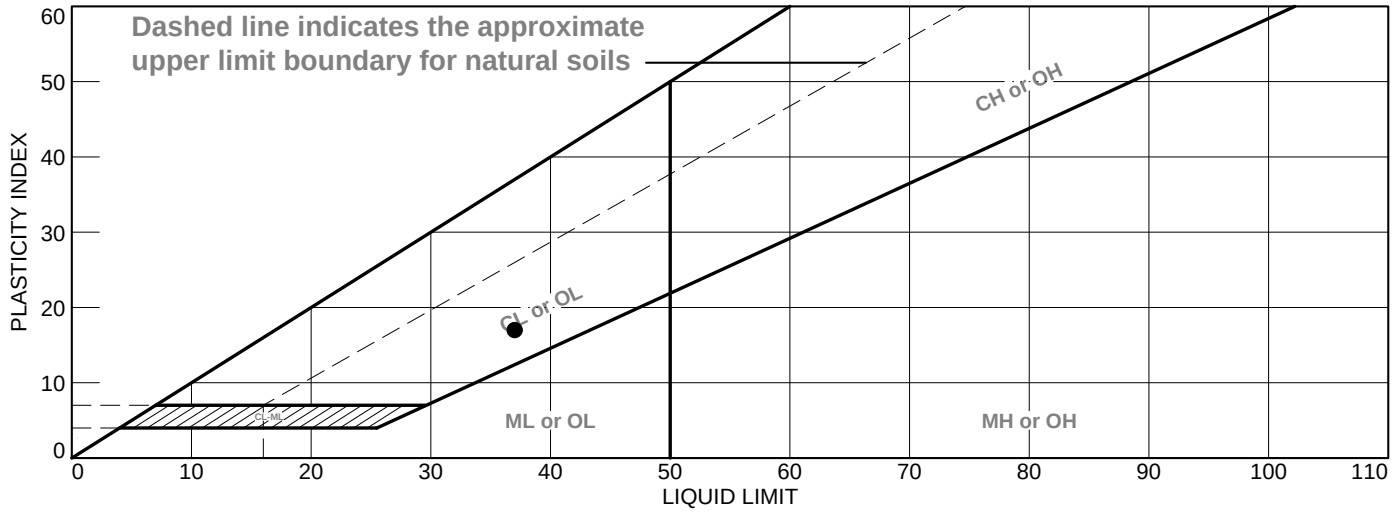
Remarks:

STS | AECOM

Figure

Tested By: DS **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY AND F-M SAND - BROWN	37	20	17	98.1	58.8	CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-605A **Depth:** +725.1' - +726.3' **Sample No.:** ST-4

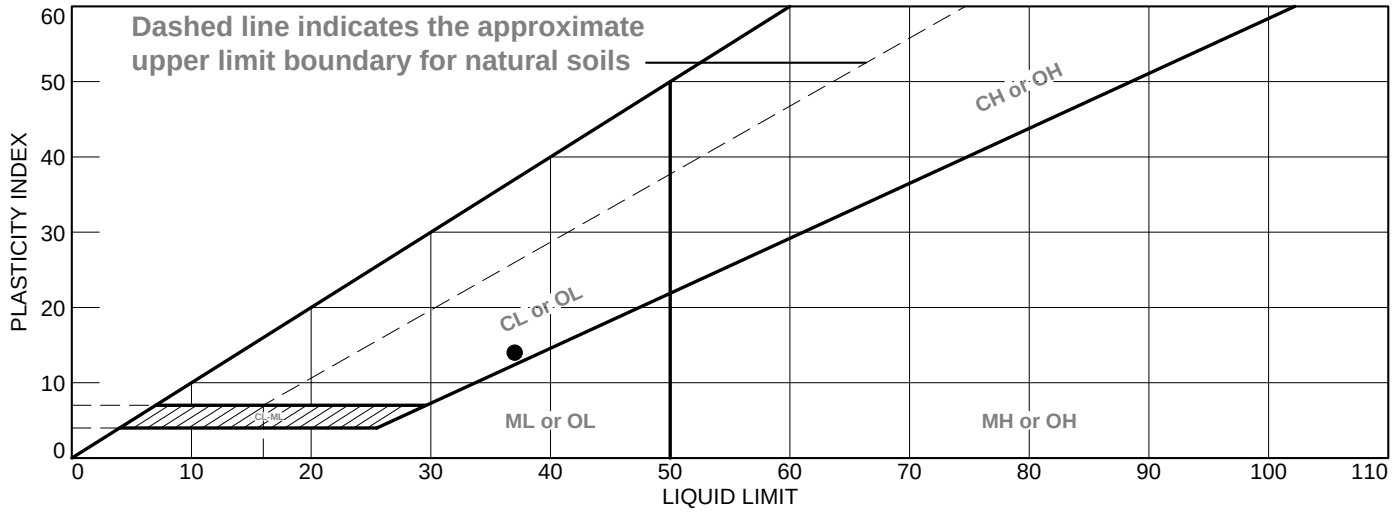
Remarks:

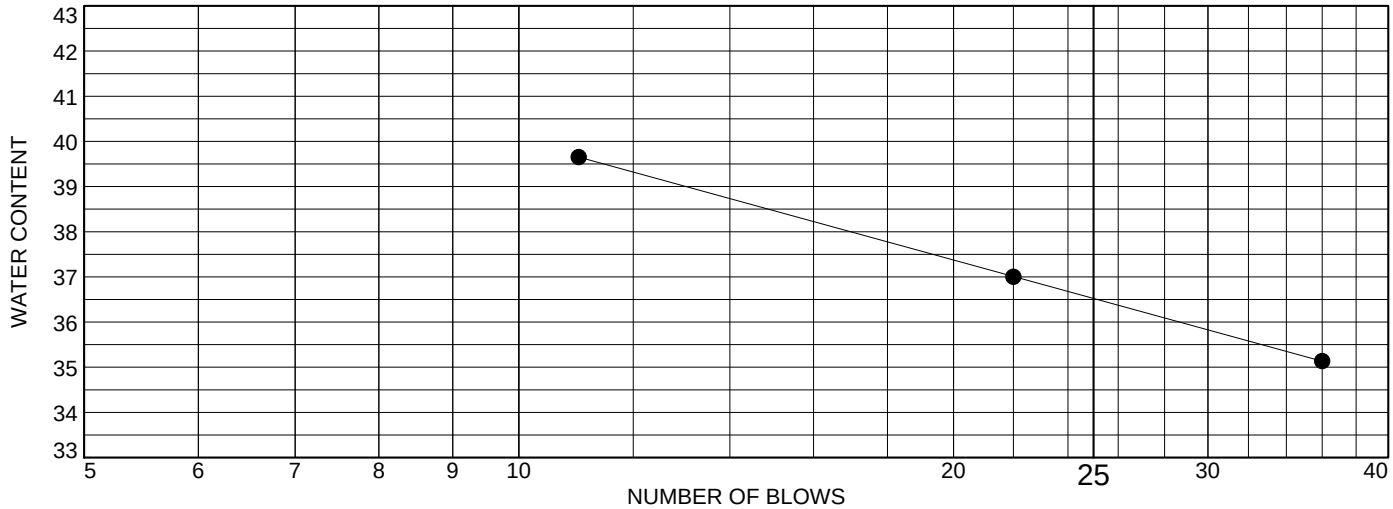
STS | AECOM

Figure

Tested By: ER **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, LITTLE F-M SAND - BROWN AND GRAY	37	23	14			CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-605B **Depth:** +726.1'-+726.6' **Sample No.:** OST10

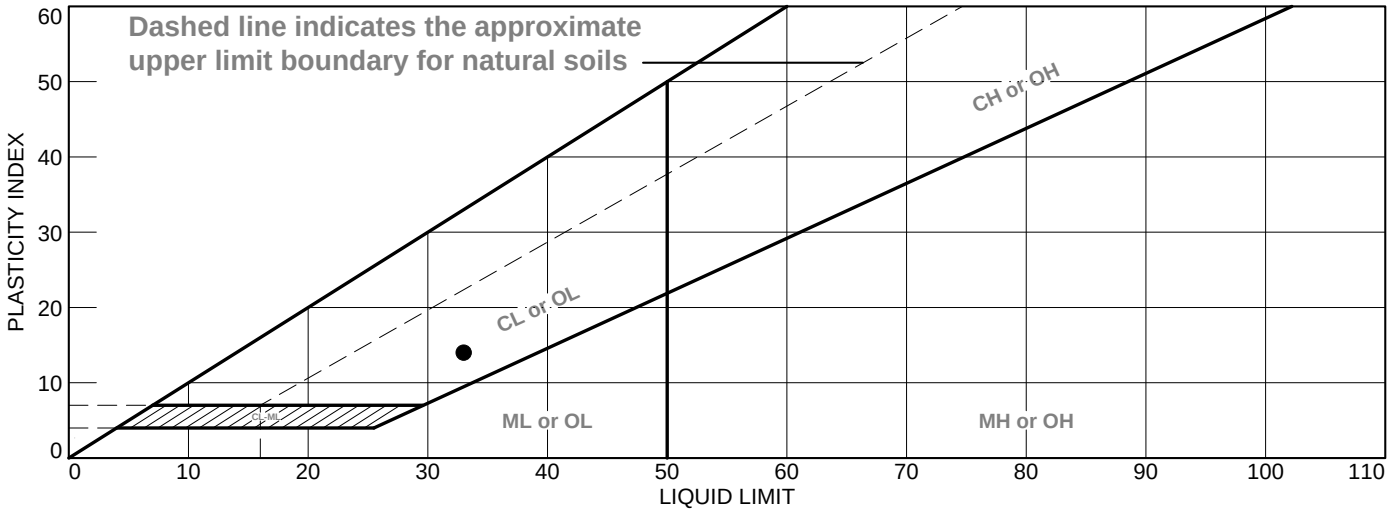
Remarks:

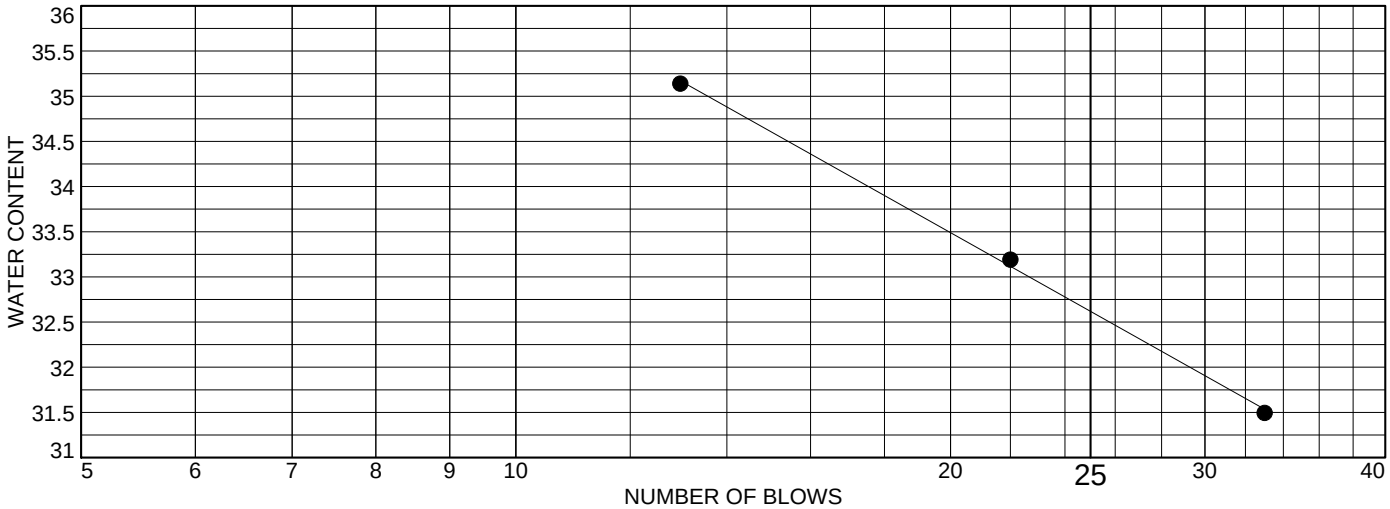
STS | AECOM

Figure

Tested By: DS **Checked By:** BCM

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	SILTY CLAY, LITTLE F-M SAND - BROWN AND GRAY	33	19	14			CL

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-605B **Depth:** +727.1' - +727.6' **Sample No.:** OST9

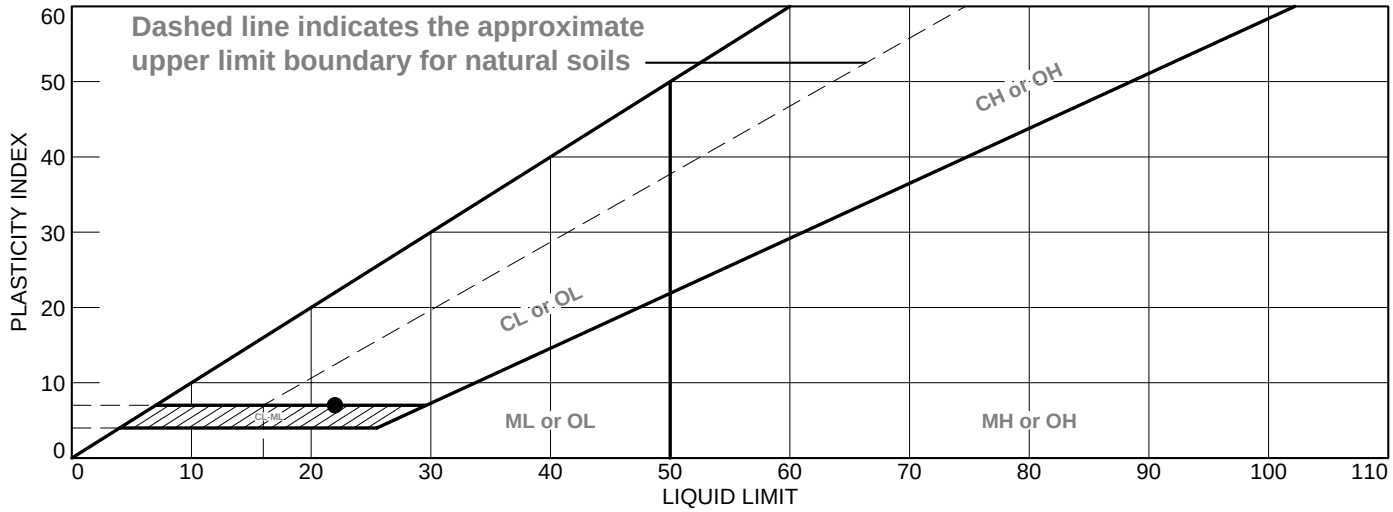
Remarks:

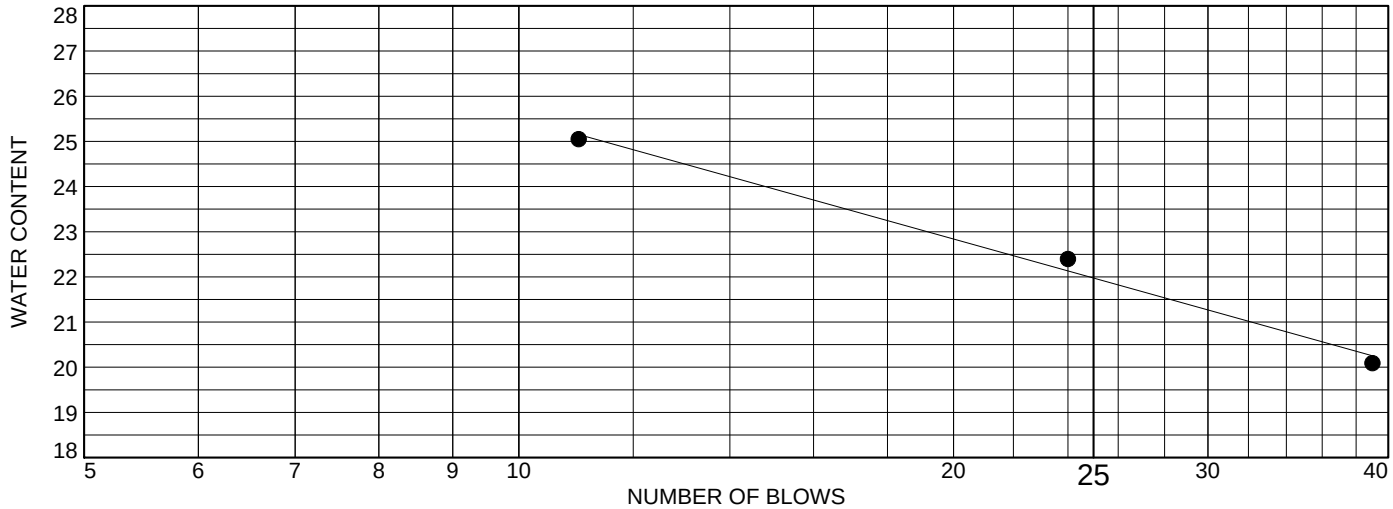
STS | AECOM

Figure

Tested By: DS **Checked By:** WPQ

LIQUID AND PLASTIC LIMITS ASTM D 4318





	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	CLAYEY-SILT, LITTLE F-M SAND - BROWN AND GRAY	22	15	7			CL-ML

Project No. 60095742 **Client:** Tennessee Valley Authority

Project: Kingston Dredge Cell Failure RCA

● **Sample Source:** Boring 09-605B **Depth:** +722.1'-+724.6' **Sample No.:** ST-11

STS | AECOM

Remarks:

Figure

Tested By: EMR **Checked By:** WPQ