AECOM
STRUCTURE BORING LOG

JOB NO. 60100055 — Page 1 of 1 — Date 8/19/09
ROUTE — DESCRIPTION Crystal Creek Flood Control Project Phase IIA
SECT. — STRUCT. NO. — DRILLED BY Matthews
COUNTY Cook — LOCATION Village of Schiller Park, IL

Boring No. A-1
Station 2+60
Offset 0.00ft
Surface Elev. 629.00 ft

Surface Water Elev. —
Groundwater Elev.: when drilling At Surface; at Completion —; after — Hrs. —

DEPTH	BLOWS	Qu tsf	W %
	WOH .75P 19.1		
	3 5 10		
	4 9 9 10		20.1
624.00			
Very stiff, gray, CLAY	4 12 14 18	3.5P 3.75P	12.4
622.00			

Medium dense, gray, SILTY CLAY LOAM

Borehole backfilled upon completion.
89 lb. Donut hammer used for Standard Penetration Tests.
WOH : Weight of Hammer

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

AECOM
STRUCTURE BORING LOG

JOB NO. 60100055 — Page 1 of 1 — Date 8/19/09
ROUTE — DESCRIPTION Crystal Creek Flood Control Project Phase IIA
SECT. — STRUCT. NO. — DRILLED BY Matthews
COUNTY Cook — LOCATION Village of Schiller Park, IL

Boring No. A-2
Station 14+69
Offset 0.00ft
Surface Elev. 631.00 ft

Surface Water Elev. —
Groundwater Elev.: when drilling At Surface; at Completion —; after — Hrs. —

DEPTH	BLOWS	Qu tsf	W %
			12.6
630.50			
Black and gray, GRAVEL		.25P	32
630.00			
Medium, black, organic CLAY		0.5P .75P	22.4
Note: Sample disturbed			
Stiff to very stiff, brown and gray, CLAY	3 6 12 14	1.5P 1.75P	24.7
Note: Sample1B disturbed			
	5 12 16 18	2.25P 2.5P	29.3
625.00			

Borehole backfilled upon completion.
Casing used: 4 ft. of 2 in.
89 lb. Donut hammer used for Standard Penetration Tests.
WOT : Weight of Hammer

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

AECOM
STRUCTURE BORING LOG

JOB NO. 60100055 — Page 1 of 1 — Date 8/21/09
ROUTE — DESCRIPTION Crystal Creek Flood Control Project Phase IIA
SECT. — STRUCT. NO. — DRILLED BY Baker
COUNTY Cook — LOCATION Village of Schiller Park, IL

Boring No. B-1
Station 2+43
Offset 19.00ft
Surface Elev. 633.00 ft

Surface Water Elev. —
Groundwater Elev.: when drilling Dry WD; at Completion —; after — Hrs. —

DEPTH	BLOWS	Qu tsf	W %
Hard, black, organic CLAY		4P	22
632.20			
Very stiff to hard, dark brown, CLAY (fill)		6.75P 7P	15
		3P	21.3
625.50			
Medium, black and gray, organic CLAY (buried topsoil)		.5P .75P	31.2
Note: Obstruction encountered - Boring offset 10.0 feet West			
623.50			

Borehole backfilled upon completion.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

AECOM
STRUCTURE BORING LOG

JOB NO. 60100055 — Page 1 of 1 — Date 8/21/09
ROUTE — DESCRIPTION Crystal Creek Flood Control Project Phase IIA
SECT. — STRUCT. NO. — DRILLED BY Baker
COUNTY Cook — LOCATION Village of Schiller Park, IL

Boring No. B-1A
Station 2+50
Offset 19.00ft
Surface Elev. 633.00 ft

Surface Water Elev. —
Groundwater Elev.: when drilling 10.0 ft. WD; at Completion 0.0; after — Hrs. —

DEPTH	BLOWS	Qu tsf	W %
Blank Drill - Refer to Boring B-1			
628.00			
Hard, black, organic CLAY (buried topsoil)		6.25P 6.5P	16.5
625.50			
Stiff, brown, CLAY		1P 1.25P	25.9
623.00			
Gray, SILT			21.5
621.00			
Stiff to very stiff, gray, CLAY (till)		1.75P 2P	11.2
		3.75P 4P	14.1
611.00			

Borehole backfilled upon completion.
Automatic-CME hammer used for Standard Penetration Tests.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

AECOM
STRUCTURE BORING LOG

JOB NO. 60100055 — Page 1 of 1 — Date 8/21/09
ROUTE — DESCRIPTION Crystal Creek Flood Control Project Phase IIA
SECT. — STRUCT. NO. — DRILLED BY Baker
COUNTY Cook — LOCATION Village of Schiller Park, IL

Boring No. B-2
Station 7+81
Offset 17.00ft
Surface Elev. 634.50 ft

Surface Water Elev. —
Groundwater Elev.: when drilling —; at Completion Dry WD; after — Hrs. —

DEPTH	BLOWS	Qu tsf	W %
Very stiff, brown, CLAY (fill)		3.25P 3.75P	28.9
632.00			
Brown, SILT			8.8
630.00			
Hard, brown, CLAY		7+P	14
626.20			
Brown, SILT		7+P	16.6 16.3
624.50			
Hard to very stiff, gray, CLAY (till)		6P 6.25P	20.7
		2.5P 2.75P	14.3
		3P 3.25P	16.3
612.50			

Borehole backfilled upon completion.
Automatic-CME hammer used for Standard Penetration Tests.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

AECOM
STRUCTURE BORING LOG

JOB NO. 60100055 — Page 1 of 1 — Date 8/19/09
ROUTE — DESCRIPTION Crystal Creek Flood Control Project Phase IIA
SECT. — STRUCT. NO. — DRILLED BY Baker
COUNTY Cook — LOCATION Village of Schiller Park, IL

Boring No. B-3
Station 12+88
Offset 16.00ft
Surface Elev. 635.50 ft

Surface Water Elev. —
Groundwater Elev.: when drilling 4.5 ft. WD; at Completion 0.0; after — Hrs. —

DEPTH	BLOWS	Qu tsf	W %
Hard, black, organic, CLAY (topsoil)		7+P	26.8
635.00			
Hard, gray, CLAY (fill)		7+P	7.2
		7+P	12.2
631.00			
Stiff to hard, gray, CLAY (till)		1.25P	25
		4.25P 4.5P	19.8
		3.25P 3.5P	21.9 19.7
		3.5P 3.75P	17.4
		2.5P	18.4
613.50			

Borehole backfilled upon completion.
Automatic-CME hammer used for Standard Penetration Tests.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

AECOM
STRUCTURE BORING LOG

JOB NO. 60100055 — Page 1 of 1 — Date 8/19/09
ROUTE — DESCRIPTION Crystal Creek Flood Control Project Phase IIA
SECT. — STRUCT. NO. — DRILLED BY Baker
COUNTY Cook — LOCATION Village of Schiller Park, IL

Boring No. B-4
Station 14+83
Offset 18.00ft
Surface Elev. 638.00 ft

Surface Water Elev. —
Groundwater Elev.: when drilling 15.0 ft. WD; at Completion —; after — Hrs. —

DEPTH	BLOWS	Qu tsf	W %
Hard, brown and black, CLAY (fill)		6.5P 6.75P	21.1
		7+P	16
633.00			
Stiff to very stiff, gray, CLAY (till)		4.75P	20.1
		1P 1.25P	26.7
		2.25P 2.75P	20.4
		2.25P 2.5P	16.1
		1P	16.3
616.00			

Borehole backfilled upon completion.
Automatic-CME hammer used for Standard Penetration Tests.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

AECOM
STRUCTURE BORING LOG

JOB NO. 60100055 — Page 1 of 1 — Date 8/19/09
ROUTE — DESCRIPTION Crystal Creek Flood Control Project Phase IIA
SECT. — STRUCT. NO. — DRILLED BY Baker
COUNTY Cook — LOCATION Village of Schiller Park, IL

Boring No. B-5
Station 16+33
Offset 20.00ft
Surface Elev. 630.50 ft

Surface Water Elev. —
Groundwater Elev.: when drilling 12.5 ft. AB; at Completion 0.0; after — Hrs. —

DEPTH	BLOWS	Qu tsf	W %
Hard, black, organic, SILTY CLAY	3 4 6 7	7+P	18.2
628.00			
Hard to very stiff, brown, CLAY	5 6 6 7	7+P 5.5P	22.5 18.8
		2.75P 3P	20.7
		3P 3.25P	21.9
619.90			
Brown, SAND		2.25P 6.6	24.2
617.50			
Gray, SILT			14.8
612.50			
Stiff, gray, CLAY (till)		1.75P	19.7
608.50			

Borehole backfilled upon completion.
Automatic-CME hammer used for Standard Penetration Tests.

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

Designed By RLP — Checked By JJF
Drawn By JJF — Checked By TMM

C:\OwProjImpl\Projects\Crystal Creek\JJF\Soil Boring Logs.dgn
1/29/2010 12:33:14 PM