

SOIL BORING LOG																							
Geo Services Inc. Geotechnical, Environmental & Civil Engineering 800 Aurora Street, Suite 204 Naperville, Illinois 60563 (630) 353-3339				PAGE 1 of 1				DATE 5/2/2011				LOGGED BY MD											
ROUTE F.A. 122 (IL 394)				DESCRIPTION Wino Well Repair - Illinois 394 South Of Bernas Road				SECTION 2010-67-T				LOCATION SEC. 27, T34 N., R 14 E., CRETE TOWNSHIP, 3rd P.M.											
COUNTY Will				DRILLING METHOD 2.25" Hollow Stem Auger				HAMMER TYPE CME Automatic				STRUCT. NO. 099-0517											
STATION 192411				SURFACE WATER ELEV. n/a				D P U M				B L O C M											
BORING NO. SB-10				STREAM BED ELEV. n/a				T P O S				U C S I											
STATION 192411				GROUNDWATER ELEVATION: 620.8				H S Qu T				M O I S											
OFFSET 118.0' Right				FIRST ENCOUNTER Upon Completion Cause In				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
GROUND SURFACE ELEV. 646.8				AFTER Hrs.				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
8.0' TOPSOIL-black												645.0											
CLAY-brown & gray-hard (A-B)												644.0											
CLAY to CLAY LOAM-brown & gray spotted black-stiff to hard (A-6) Fill												643.0											
Clayey SAND & GRAVEL-gray-medium dense to dense (A-2)												642.0											
CLAY LOAM-gray-stiff to hard (A-6)												641.0											
SILTY CLAY LOAM-gray-medium dense (A-4)												640.0											
SILTY CLAY-dark brown & gray-stiff to very stiff (A-6) Wet												639.0											

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ROUTE F.A. 122 (IL 394)				DESCRIPTION Wino Well Repair - Illinois 394 South Of Bernas Road				SECTION 2010-67-T				LOCATION SEC. 27, T34 N., R 14 E., CRETE TOWNSHIP, 3rd P.M.											
COUNTY Will				DRILLING METHOD 2.25" Hollow Stem Auger				HAMMER TYPE Dietrich Automatic				STRUCT. NO. 099-0517											
STATION 192411				SURFACE WATER ELEV. n/a				D P U M				B L O C M											
BORING NO. SB-11				STREAM BED ELEV. n/a				T P O S				U C S I											
STATION 192411				GROUNDWATER ELEVATION: 620.8				H S Qu T				M O I S											
OFFSET 109.0' Right				FIRST ENCOUNTER Upon Completion Cause In				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
GROUND SURFACE ELEV. 644.4				AFTER Hrs.				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
10.0' TOPSOIL-black												643.5											
CLAY to CLAY LOAM-brown & gray spotted black-stiff to very stiff (A-6) Fill												642.5											
CLAY LOAM-gray-hard (A-6)												641.5											
SILTY CLAY LOAM-gray-medium dense (A-4)												640.5											
CLAY-brown & gray-hard (A-6)												639.5											
SILTY CLAY to CLAY-gray-hard (A-6)												638.5											
SILTY LOAM to SILT-gray-medium dense (A-4)												637.5											
CLAY LOAM-gray-hard (A-6)												636.5											
CLAY LOAM-gray-stiff to very stiff (A-6)												635.5											

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Geo Services Inc. Geotechnical, Environmental & Civil Engineering 800 Aurora Street, Suite 204 Naperville, Illinois 60563 (630) 353-3339				PAGE 1 of 1				DATE 5/3/2011				LOGGED BY MD											
ROUTE F.A. 122 (IL 394)				DESCRIPTION Wino Well Repair - Illinois 394 South Of Bernas Road				SECTION 2010-67-T				LOCATION SEC. 27, T34 N., R 14 E., CRETE TOWNSHIP, 3rd P.M.											
COUNTY Will				DRILLING METHOD 2.25" Hollow Stem Auger				HAMMER TYPE CME Automatic				STRUCT. NO. 099-0517											
STATION 192411				SURFACE WATER ELEV. n/a				D P U M				B L O C M											
BORING NO. SB-12				STREAM BED ELEV. n/a				T P O S				U C S I											
STATION 192411				GROUNDWATER ELEVATION: 625.3				H S Qu T				M O I S											
OFFSET 101.1' Right				FIRST ENCOUNTER Upon Completion Cause In				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
GROUND SURFACE ELEV. 646.3				AFTER Hrs.				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
TOPSOIL-black												645.0											
CLAY-gray-stiff to very stiff (A-6)												644.0											
SILTY CLAY LOAM-brown & gray-medium dense (A-4)												643.0											
CLAY-brown & gray-hard (A-6)												642.0											
CLAY-gray-very stiff (A-6)												641.0											
SAND & GRAVEL-gray-medium dense (A-1)												640.0											
CLAY-gray-stiff to very stiff (A-6)												639.0											
CLAY LOAM-hard (A-6)												638.0											
CLAY LOAM-gray-stiff to very stiff (A-6)												637.0											

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ROUTE F.A. 122 (IL 394)				DESCRIPTION Wino Well Repair - Illinois 394 South Of Bernas Road				SECTION 2010-67-T				LOCATION SEC. 27, T34 N., R 14 E., CRETE TOWNSHIP, 3rd P.M.											
COUNTY Will				DRILLING METHOD 2.25" Hollow Stem Auger				HAMMER TYPE CME Automatic				STRUCT. NO. 099-0517											
STATION 192411				SURFACE WATER ELEV. n/a				D P U M				B L O C M											
BORING NO. SB-13				STREAM BED ELEV. n/a				T P O S				U C S I											
STATION 192411				GROUNDWATER ELEVATION: 611.8				H S Qu T				M O I S											
OFFSET 97.7' Right				FIRST ENCOUNTER Upon Completion Cause In				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
GROUND SURFACE ELEV. 646.8				AFTER Hrs.				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
TOPSOIL-black												645.0											
CLAY LOAM-brown & gray-very stiff to hard (A-6)												644.0											
CLAY to CLAY LOAM-brown & gray-stiff to very stiff (A-6) Fill												643.0											
SILTY CLAY-gray-stiff to very stiff (A-6)												642.0											
CLAY LOAM-gray-very stiff (A-6)												641.0											
CLAY LOAM-gray-stiff to very stiff (A-6)												640.0											
SILTY CLAY LOAM-gray-medium dense to very dense (A-4)												639.0											
SILTY CLAY-brown & gray-stiff to very stiff (A-6)												638.0											

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ROUTE F.A. 122 (IL 394)				DESCRIPTION Wino Well Repair - Illinois 394 South Of Bernas Road				SECTION 2010-67-T				LOCATION SEC. 27, T34 N., R 14 E., CRETE TOWNSHIP, 3rd P.M.											
COUNTY Will				DRILLING METHOD 2.25" Hollow Stem Auger				HAMMER TYPE CME Automatic				STRUCT. NO. 099-0517											
STATION 192411				SURFACE WATER ELEV. n/a				D P U M				B L O C M											
BORING NO. SB-13				STREAM BED ELEV. n/a				T P O S				U C S I											
STATION 192411				GROUNDWATER ELEVATION: 611.8				H S Qu T				M O I S											
OFFSET 97.7' Right				FIRST ENCOUNTER Upon Completion Cause In				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
GROUND SURFACE ELEV. 646.8				AFTER Hrs.				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
SILTY CLAY LOAM-gray-medium dense to very dense (A-4)												645.0											
CLAY-brown & gray-very stiff to hard (A-6)												644.0											
CLAY LOAM-gray-stiff to hard (A-6)												643.0											
SANDY LOAM-brown & gray-medium dense (A-3)												642.0											
SAND with GRAVEL-brown-medium dense (A-1-b)												641.0											
CLAY LOAM-gray-stiff to hard (A-6)												640.0											

SOIL BORING LOG																							
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ROUTE F.A. 122 (IL 394)				DESCRIPTION Wino Well Repair - Illinois 394 South Of Bernas Road				SECTION 2010-67-T				LOCATION SEC. 27, T34 N., R 14 E., CRETE TOWNSHIP, 3rd P.M.											
COUNTY Will				DRILLING METHOD 2.25" Hollow Stem Auger				HAMMER TYPE CME Automatic				STRUCT. NO. 099-0517											
STATION 192411				SURFACE WATER ELEV. n/a				D P U M				B L O C M											
BORING NO. SB-14				STREAM BED ELEV. n/a				T P O S				U C S I											
STATION 192411				GROUNDWATER ELEVATION: 622.4				H S Qu T				M O I S											
OFFSET 96.5' Right				FIRST ENCOUNTER Upon Completion Cause In				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
GROUND SURFACE ELEV. 639.9				AFTER Hrs.				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
8.0' TOPSOIL-black												638.1											
CLAY-brown & gray-very stiff to hard (A-6)												637.0											
CLAY LOAM-gray-stiff to hard (A-6)												636.0											
SANDY LOAM-brown & gray-medium dense (A-3)												635.0											
SAND with GRAVEL-brown-medium dense (A-1-b)												634.0											
CLAY LOAM-gray-stiff to hard (A-6)												633.0											

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ROUTE F.A. 122 (IL 394)				DESCRIPTION Wino Well Repair - Illinois 394 South Of Bernas Road				SECTION 2010-67-T				LOCATION SEC. 27, T34 N., R 14 E., CRETE TOWNSHIP, 3rd P.M.											
COUNTY Will				DRILLING METHOD 2.25" Hollow Stem Auger				HAMMER TYPE CME Automatic				STRUCT. NO. 099-0517											
STATION 192411				SURFACE WATER ELEV. n/a				D P U M				B L O C M											
BORING NO. SB-15				STREAM BED ELEV. n/a				T P O S				U C S I											
STATION 192411				GROUNDWATER ELEVATION: 615.0				H S Qu T				M O I S											
OFFSET 93.9' Right				FIRST ENCOUNTER Upon Completion Cause In				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
GROUND SURFACE ELEV. 635.0				AFTER Hrs.				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
12.0' TOPSOIL-black												634.0											
CLAY LOAM-brown & gray-stiff to hard (A-6)												633.0											
SAND with GRAVEL-loose (A-1-b)												632.0											
CLAY LOAM-gray-very stiff to hard (A-6)												631.0											
SILTY LOAM to SILT-gray-dense to very dense (A-4)												630.0											
CLAY LOAM-gray-very stiff to hard (A-6)												629.0											

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ROUTE F.A. 190				DESCRIPTION Purne Station 24 - Discharge Sewer Pipe, Work Order No. 2				SECTION 01025-T				LOCATION SEC. 3 & 4, T 40 N., R 12 E., LEYDEN TOWNSHIP, 3rd P.M.											
COUNTY Cook				DRILLING METHOD 2.25" Hollow Stem Auger				HAMMER TYPE CME Automatic				STRUCT. NO. ---											
STATION ---				SURFACE WATER ELEV. n/a				D P U M				B L O C M											
BORING NO. SB-16				STREAM BED ELEV. n/a				T P O S				U C S I											
STATION 202413				GROUNDWATER ELEVATION: 615.0				H S Qu T				M O I S											
OFFSET 92.0' Right				FIRST ENCOUNTER Upon Completion Cause In				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
GROUND SURFACE ELEV. 630.0				AFTER Hrs.				(ft) (in) (lb) (in)				(ft) (in) (lb) (in)											
6.0' TOPSOIL-black												629.5											
SILTY CLAY LOAM-gray (A-6)												628.5											
CLAY-brown & gray-hard (A-6)												627.0											
SILTY CLAY-gray-hard (A-6)												626.0											
CLAY-gray-hard (A-6)												625.0											
SILTY CLAY LOAM-gray-medium dense to dense (A-4)												624.0											
CLAY LOAM-gray-hard (A-6)												623.0											

FILE NAME = g:\p\project\2102155_811\cadd\civil\shd\168\F99-32\shd-ab\log02.dgn

	USER NAME = 2bookd	DESIGNED - DJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PUMP STATION 24 STORM SEWER IMPROVEMENTS SOIL BORING LOGS				F.A.I. RTE. 190	SECTION 01025-T	COUNTY COOK	TOTAL SHEETS 41	SHEET NO. 36
	PLOT SCALE = 20.00' / IN.	CHECKED - DAK	REVISED -									SCALE: 20.00' / IN.	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60F90	
	PLOT DATE = 9/7/2011	DATE = 09/07/11	REVISED -									FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				