

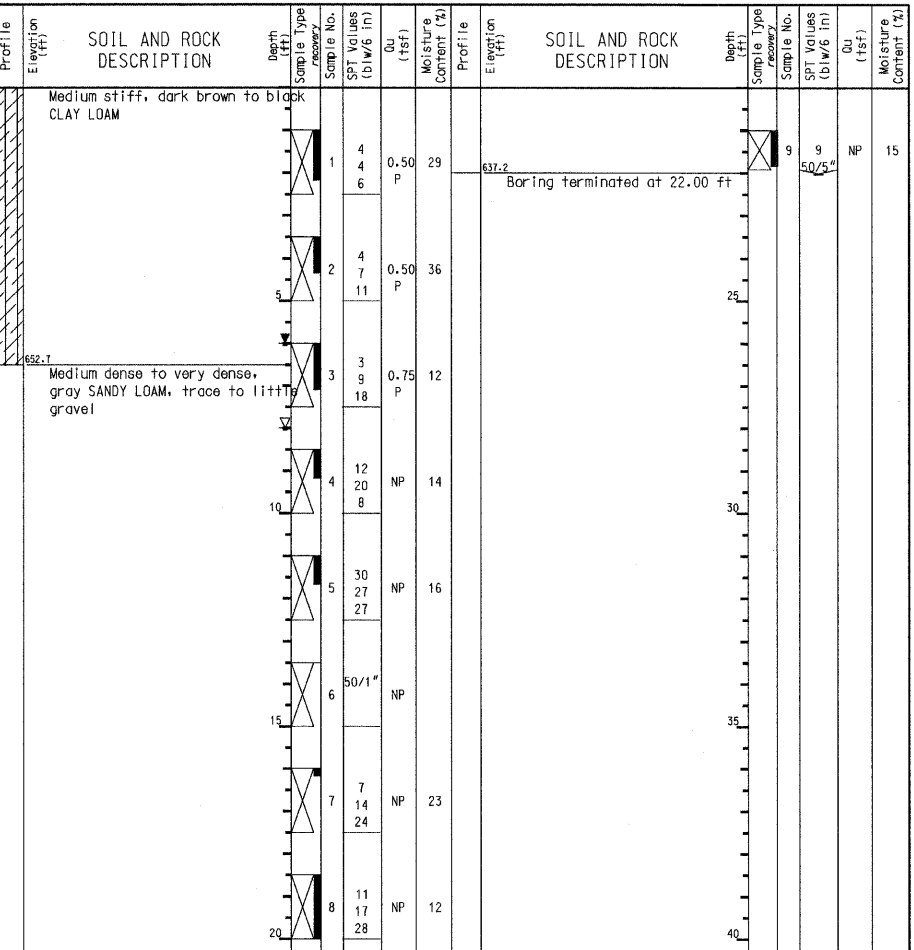


BORING LOG BC-3A

Wang Engineering
wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 722-23-01
Client: MACTEC Engineering and Consulting, Inc.
Project: FAP 330, IL 21 (Milwaukee Avenue)
Location: Section 128 R-3, Lake County, Illinois

Datum: NAV88
Elevation: 659.20 ft
North: 2058964.64 ft
East: 1084857.60 ft
Station: 223+78
Offset: 32 LT



GENERAL NOTES
Begin Drilling 04-18-2001 Complete Drilling 04-18-2001
Drilling Contractor Rock and Soil Drilling Drill Rig Acker 82
Driller Dave Logger T. Chen Checked by P. Wang
Drilling Method 4.25" ID HSA; backfilled w/ bentonite chip.

WATER LEVEL DATA
While Drilling 8.00 ft
At Completion of Drilling 6.00 ft
Time After Drilling 24 hours
Depth to Water NA

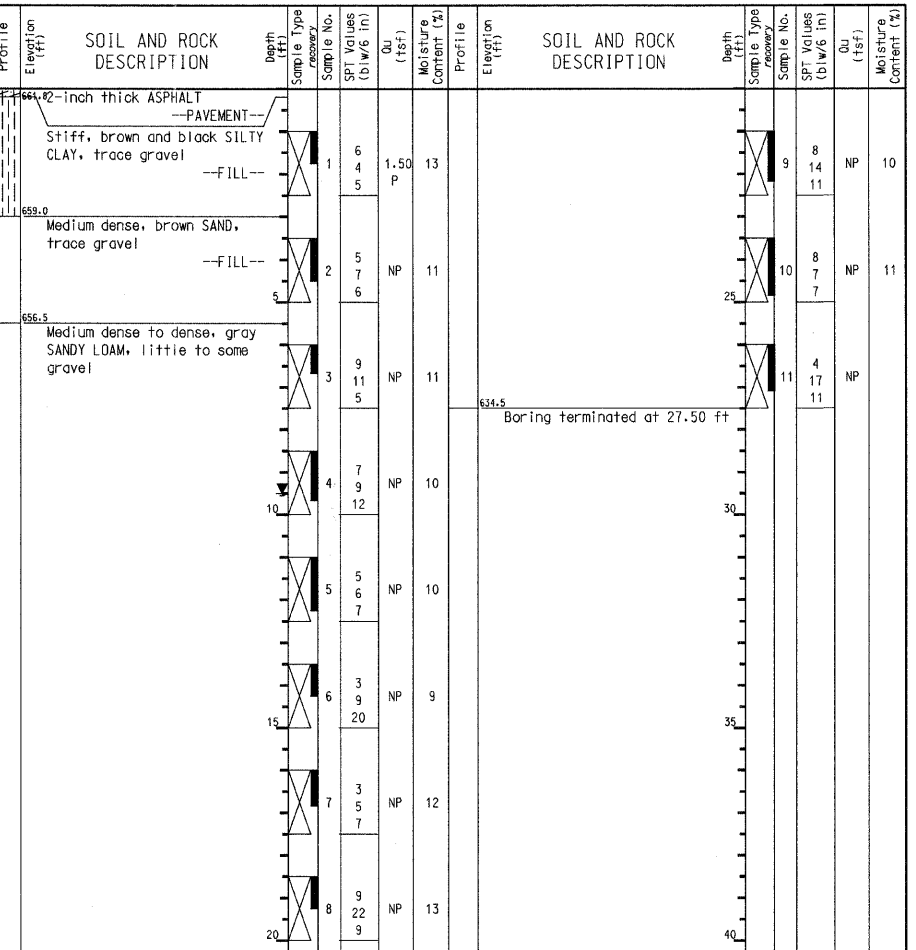


BORING LOG BC-3B

Wang Engineering
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WEI Job No.: 722-23-01
Client: MACTEC Engineering and Consulting, Inc.
Project: FAP 330, IL 21 (Milwaukee Avenue)
Location: Section 128 R-3, Lake County, Illinois

Datum: NAV88
Elevation: 662.00 ft
North: 2058919.39 ft
East: 1084820.17 ft
Station: 224+29
Offset: 13.5 LT



GENERAL NOTES
Begin Drilling 04-09-2001 Complete Drilling 04-09-2001
Drilling Contractor Rock and Soil Drilling Drill Rig D-120
Driller Dave Logger T. Chen Checked by P. Wang
Drilling Method 2.75" ID HSA; backfilled w/ bentonite chip and blacktop.

WATER LEVEL DATA
While Drilling 9.50 ft
At Completion of Drilling 9.50 ft
Time After Drilling 24 hours
Depth to Water NA

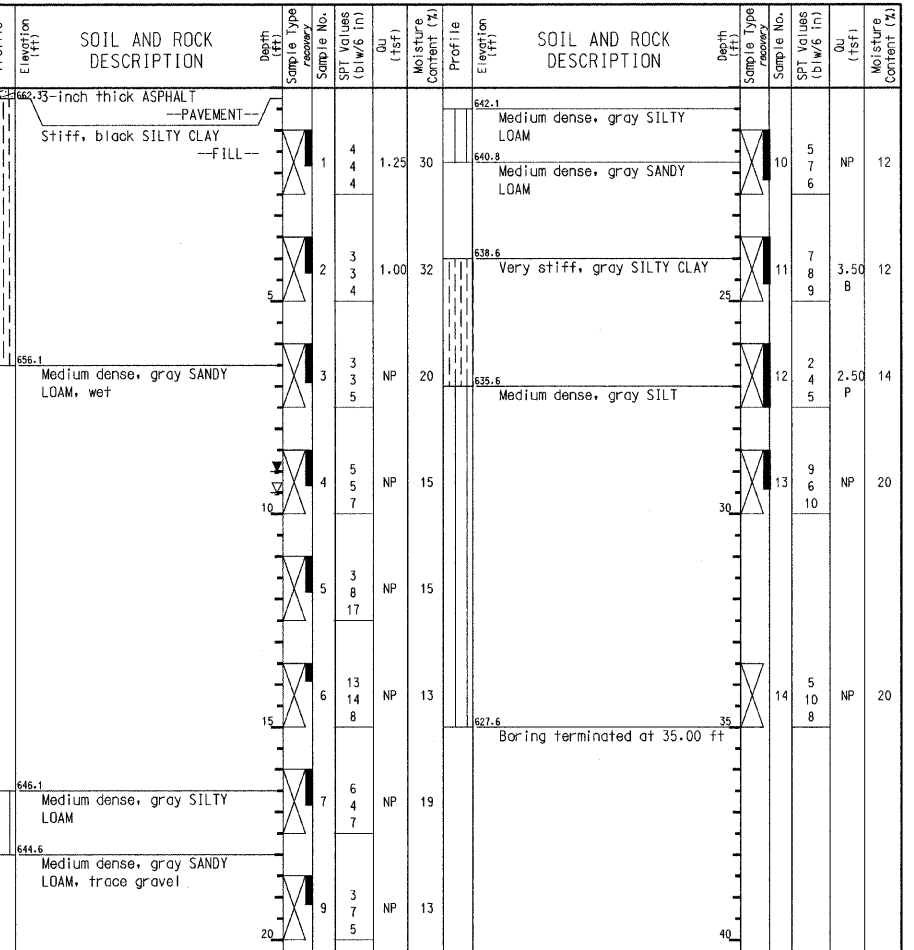


BORING LOG BC-3C

Wang Engineering
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WEI Job No.: 722-23-01
Client: MACTEC Engineering and Consulting, Inc.
Project: FAP 330, IL 21 (Milwaukee Avenue)
Location: Section 128 R-3, Lake County, Illinois

Datum: NAV88
Elevation: 662.55 ft
North: 2058886.34 ft
East: 1084783.81 ft
Station: 224+68
Offset: 14 RT



GENERAL NOTES
Begin Drilling 04-09-2001 Complete Drilling 04-09-2001
Drilling Contractor Rock and Soil Drilling Drill Rig D-120
Driller Dave Logger T. Chen Checked by P. Wang
Drilling Method 2.75" ID HSA; backfilled w/ bentonite chip and blacktop.

WATER LEVEL DATA
While Drilling 9.50 ft
At Completion of Drilling 9.00 ft
Time After Drilling 24 hours
Depth to Water NA

**SOIL BORING LOGS
STRUCTURE NO. 049-0241
OUTLET NO. 18**



FILE NAME = D168953-05-soil_boring_logs.dgn	USER NAME =	DESIGNED - J.C.N./B.N.S.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS STRUCTURE NO. 049-0241	F.A.P. R.T.E. = 330	SECTION = 128R-3	COUNTY = LAKE	TOTAL SHEETS = 518	SHEET NO. = 369
PLOT SCALE =	DRAWN - F.M.	REVISED -	CONTRACT NO. = 60953							
PLOT DATE =	CHECKED - B.N.S./J.C.N.	REVISED -	ILLINOIS FED. AID PROJECT							