



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 3

Date 8/30/96

ROUTE FAI 74 (I-74) DESCRIPTION I-74 over US 150 & abandoned IT RR LOGGED BY D.Reents

SECTION (90-14)R LOCATION Morton, IL, SEC. 17, TWP. 25N, RNG. 3W, 3rd PM

Latitude 40° 37' 18.66989" N, Longitude 89° 28' 24.60172" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. EX 090-0017(WB)
Station 568+65.40 on CL
D E L C U M
P O S I O
T W S Qu T
H S Qu T

BORING NO. 18
Station 570+19.5
Offset 0ft on CL
Ground Surface Elev. 745.70 ft
(ft) (6") (tsf) (%)

Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Blow Count (%)
Gray CLAY LOAM Fill	0-5			
Brown Coarse SAND Fill - 4"	5-8	3	2.0	13
CLAY LOAM/ SILTY CLAY LOAM at 10 ft.	8-10	2	0.7	14
Brown/Gray CLAY LOAM Fill	10-13	2	1.7	15
Gray to Dark Gray w/ trace of Brown SILTY CLAY LOAM Fill	13-15	4	2.1	22
Dark Gray w/ trace of Gray SILTY CLAY Fill	15-20	2	1.6	25

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)
A.13



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Station 570+19.5
Offset 0ft on CL
Ground Surface Elev. 745.70 ft
(ft) (6") (tsf) (%)

Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Blow Count (%)
Gray CLAY LOAM Till (continued)	0-3			
Brown and Gray CLAY LOAM/SILTY CLAY LOAM Fill	3-5	4	1.4	22
Trace Sand at 28 ft.	5-6			
Gray SILTY CLAY	6-7	3	1.5	25
Brown and Gray SILTY CLAY LOAM	7-8	2	0.8	20
Pinkish Brown and Gray SILTY CLAY LOAM	8-10	2	0.6	19
Gray CLAY LOAM Till	10-15	3	1.7	15

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BORING NO. 18
Station 570+19.5
Offset 0ft on CL
Ground Surface Elev. 745.70 ft
(ft) (6") (tsf) (%)

Soil Description	Depth (ft)	Penetration (6")	Blow Count (tsf)	Blow Count (%)
Gray CLAY LOAM Till (continued)	0-3			
Gray CLAY LOAM Till (continued)	3-4			
Gray CLAY LOAM Till (continued)	4-5			
Gray CLAY LOAM Till (continued)	5-6			
Gray CLAY LOAM Till (continued)	6-7			
Gray CLAY LOAM Till (continued)	7-8			
Gray CLAY LOAM Till (continued)	8-9			
Gray CLAY LOAM Till (continued)	9-10			
Gray CLAY LOAM Till (continued)	10-11			
Gray CLAY LOAM Till (continued)	11-12			
Gray CLAY LOAM Till (continued)	12-13			
Gray CLAY LOAM Till (continued)	13-14			
Gray CLAY LOAM Till (continued)	14-15			
Gray CLAY LOAM Till (continued)	15-16			
Gray CLAY LOAM Till (continued)	16-17			
Gray CLAY LOAM Till (continued)	17-18			
Gray CLAY LOAM Till (continued)	18-19			
Gray CLAY LOAM Till (continued)	19-20			
Gray CLAY LOAM Till (continued)	20-21			
Gray CLAY LOAM Till (continued)	21-22			
Gray CLAY LOAM Till (continued)	22-23			
Gray CLAY LOAM Till (continued)	23-24			
Gray CLAY LOAM Till (continued)	24-25			
Gray CLAY LOAM Till (continued)	25-26			
Gray CLAY LOAM Till (continued)	26-27			
Gray CLAY LOAM Till (continued)	27-28			
Gray CLAY LOAM Till (continued)	28-29			
Gray CLAY LOAM Till (continued)	29-30			
Gray CLAY LOAM Till (continued)	30-31			
Gray CLAY LOAM Till (continued)	31-32			
Gray CLAY LOAM Till (continued)	32-33			
Gray CLAY LOAM Till (continued)	33-34			
Gray CLAY LOAM Till (continued)	34-35			
Gray CLAY LOAM Till (continued)	35-36			
Gray CLAY LOAM Till (continued)	36-37			
Gray CLAY LOAM Till (continued)	37-38			
Gray CLAY LOAM Till (continued)	38-39			
Gray CLAY LOAM Till (continued)	39-40			
Gray CLAY LOAM Till (continued)	40-41			
Gray CLAY LOAM Till (continued)	41-42			
Gray CLAY LOAM Till (continued)	42-43			
Gray CLAY LOAM Till (continued)	43-44			
Gray CLAY LOAM Till (continued)	44-45			
Gray CLAY LOAM Till (continued)	45-46			
Gray CLAY LOAM Till (continued)	46-47			
Gray CLAY LOAM Till (continued)	47-48			
Gray CLAY LOAM Till (continued)	48-49			
Gray CLAY LOAM Till (continued)	49-50			
Gray CLAY LOAM Till (continued)	50-51			
Gray CLAY LOAM Till (continued)	51-52			
Gray CLAY LOAM Till (continued)	52-53			
Gray CLAY LOAM Till (continued)	53-54			
Gray CLAY LOAM Till (continued)	54-55			
Gray CLAY LOAM Till (continued)	55-56			
Gray CLAY LOAM Till (continued)	56-57			
Gray CLAY LOAM Till (continued)	57-58			
Gray CLAY LOAM Till (continued)	58-59			
Gray CLAY LOAM Till (continued)	59-60			
Gray CLAY LOAM Till (continued)	60-61			
Gray CLAY LOAM Till (continued)	61-62			
Gray CLAY LOAM Till (continued)	62-63			
Gray CLAY LOAM Till (continued)	63-64			
Gray CLAY LOAM Till (continued)	64-65			
Gray CLAY LOAM Till (continued)	65-66			
Gray CLAY LOAM Till (continued)	66-67			
Gray CLAY LOAM Till (continued)	67-68			
Gray CLAY LOAM Till (continued)	68-69			
Gray CLAY LOAM Till (continued)	69-70			
Gray CLAY LOAM Till (continued)	70-71			
Gray CLAY LOAM Till (continued)	71-72			
Gray CLAY LOAM Till (continued)	72-73			
Gray CLAY LOAM Till (continued)	73-74			
Gray CLAY LOAM Till (continued)	74-75			
Gray CLAY LOAM Till (continued)	75-76			
Gray CLAY LOAM Till (continued)	76-77			
Gray CLAY LOAM Till (continued)	77-78			
Gray CLAY LOAM Till (continued)	78-79			
Gray CLAY LOAM Till (continued)	79-80			
Gray CLAY LOAM Till (continued)	80-81			
Gray CLAY LOAM Till (continued)	81-82			
Gray CLAY LOAM Till (continued)	82-83			
Gray CLAY LOAM Till (continued)	83-84			
Gray CLAY LOAM Till (continued)	84-85			
Gray CLAY LOAM Till (continued)	85-86			
Gray CLAY LOAM Till (continued)	86-87			
Gray CLAY LOAM Till (continued)	87-88			
Gray CLAY LOAM Till (continued)	88-89			
Gray CLAY LOAM Till (continued)	89-90			
Gray CLAY LOAM Till (continued)	90-91			
Gray CLAY LOAM Till (continued)	91-92			
Gray CLAY LOAM Till (continued)	92-93			
Gray CLAY LOAM Till (continued)	93-94			
Gray CLAY LOAM Till (continued)	94-95			
Gray CLAY LOAM Till (continued)	95-96			
Gray CLAY LOAM Till (continued)	96-97			
Gray CLAY LOAM Till (continued)	97-98			
Gray CLAY LOAM Till (continued)	98-99			
Gray CLAY LOAM Till (continued)	99-100			

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A.15



Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10056

FILE NAME =	USER NAME = mbecker	DESIGNED - MFB	REVISED -
		CHECKED - MRB	REVISED -
		DRAWN - PRT	REVISED -
		CHECKED - MRB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS 4 OF 5
STRUCTURE NO. 090-0169

SHEET NO. SC48 OF SC63 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-[14R;14HB-4;14,14HVB]BRJ	TAZEWELL	2433	2024
CONTRACT NO. 68620				

ILLINOIS FED. AID PROJECT

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