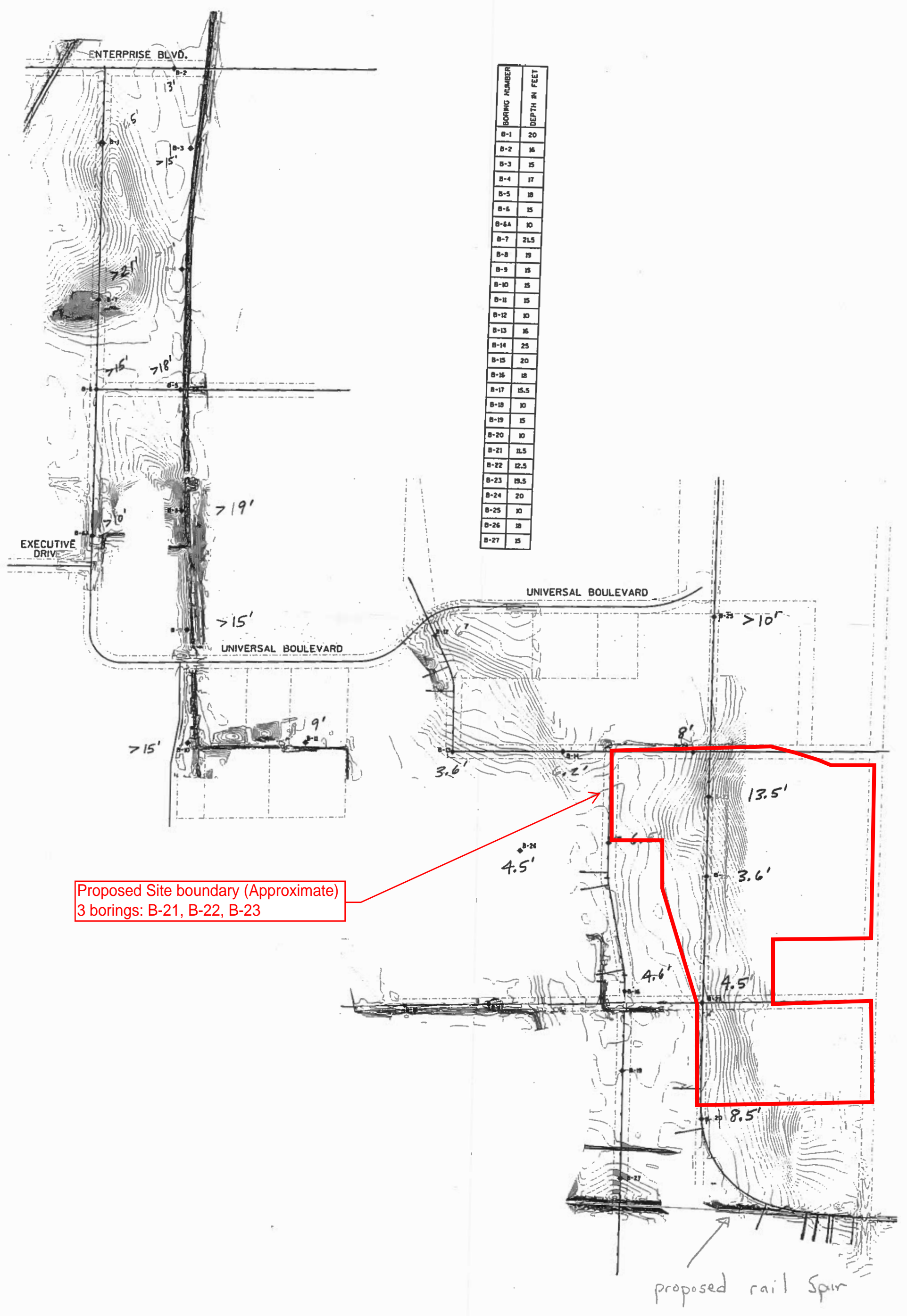


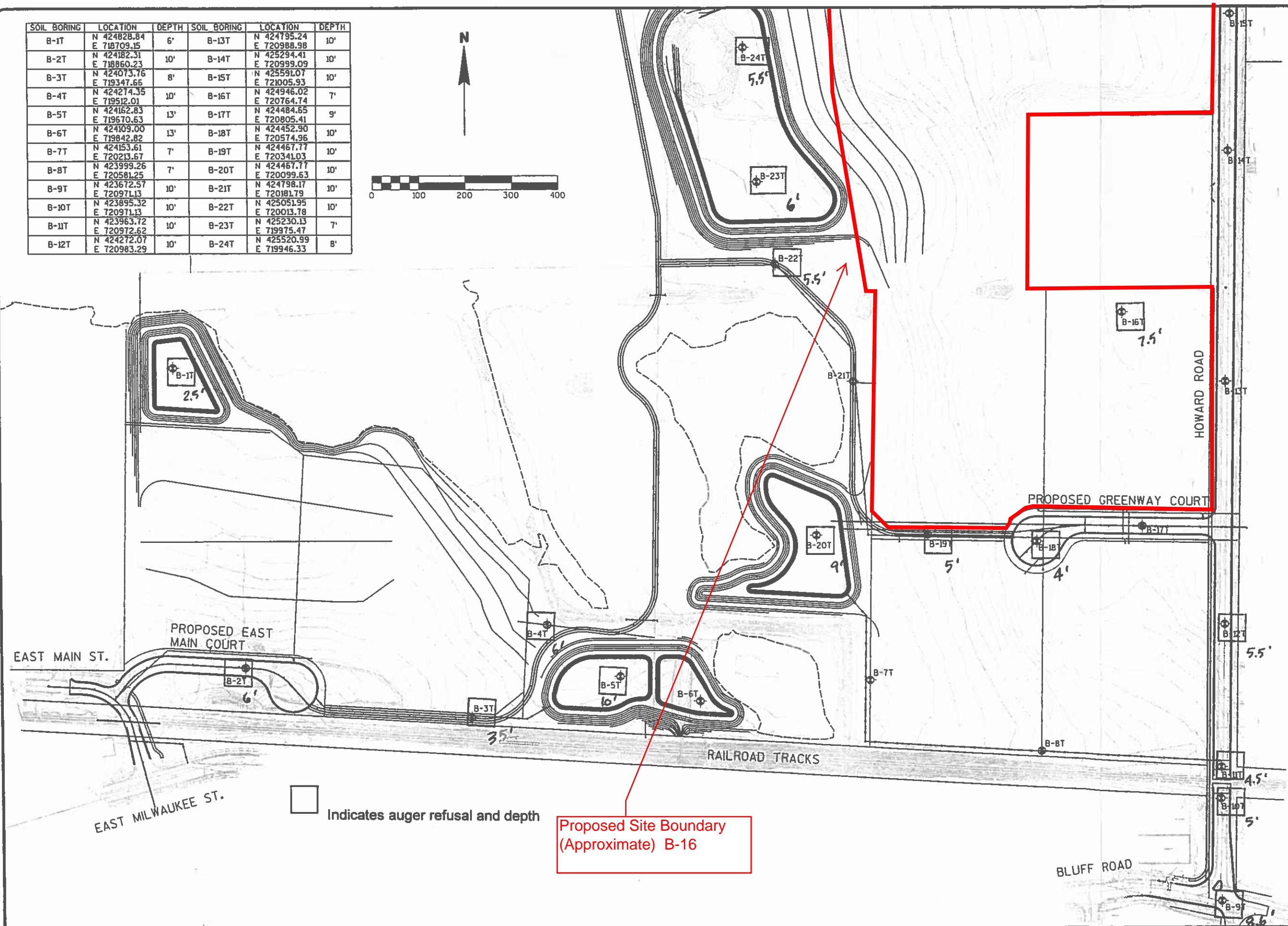
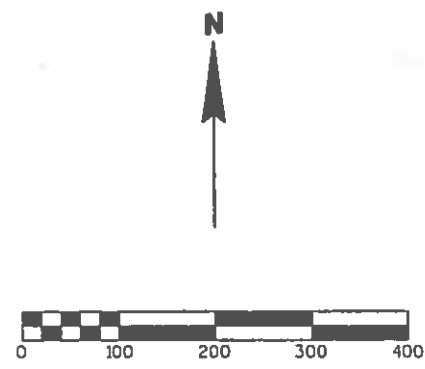
BORING NUMBER	DEPTH IN FEET
B-1	20
B-2	16
B-3	15
B-4	17
B-5	18
B-6	15
B-6A	10
B-7	21.5
B-8	19
B-9	18
B-10	15
B-11	15
B-12	10
B-13	16
B-14	25
B-15	20
B-16	18
B-17	15.5
B-18	10
B-19	15
B-20	10
B-21	11.5
B-22	12.5
B-23	19.5
B-24	20
B-25	10
B-26	18
B-27	15



Proposed Site boundary (Approximate)  
 3 borings: B-21, B-22, B-23

proposed rail spur

SOIL BORING	LOCATION	DEPTH	SOIL BORING	LOCATION	DEPTH
B-1T	N 424828.84 E 718709.15	6'	B-13T	N 424795.24 E 720988.98	10'
B-2T	N 424182.31 E 718860.23	10'	B-14T	N 425294.41 E 720999.09	10'
B-3T	N 424073.76 E 719347.66	8'	B-15T	N 425591.07 E 721005.93	10'
B-4T	N 424274.35 E 719512.01	10'	B-16T	N 424946.02 E 720764.74	7'
B-5T	N 424162.83 E 719670.63	13'	B-17T	N 424484.65 E 720805.41	9'
B-6T	N 424109.00 E 719842.82	13'	B-18T	N 424452.90 E 720574.96	10'
B-7T	N 424153.61 E 720213.67	7'	B-19T	N 424467.77 E 720341.03	10'
B-8T	N 423999.26 E 720581.25	7'	B-20T	N 424467.77 E 720099.63	10'
B-9T	N 423672.57 E 720971.13	10'	B-21T	N 424798.17 E 720181.79	10'
B-10T	N 423895.32 E 720971.13	10'	B-22T	N 425051.95 E 720013.78	10'
B-11T	N 423963.72 E 720972.62	10'	B-23T	N 425230.13 E 719975.47	7'
B-12T	N 424272.07 E 720983.29	10'	B-24T	N 425520.99 E 719946.33	8'



□ Indicates auger refusal and depth

Proposed Site Boundary  
(Approximate) B-16

SOIL BORINGS LOCATION MAP

TECHNOLOGY PARK  
CITY OF WHITEWATER  
WHITEWATER, WISCONSIN




FIGURE NO. 1  
1407.056

**LOG OF BORING 23**

<b>PROJECT</b> Whitewater Business Park Expansion	<b>SITE</b> Whitewater, Wisconsin
<b>CLIENT</b> Strand Associates, Inc.	<b>ARCHITECT-ENGINEER</b> Strand Associates, Inc.

DEPTH, FEET	SAMPLE NUMBER AND TYPE	WATER LEVEL	STRATA CHANGE, FEET	DESCRIPTION OF MATERIAL	SPECIAL TESTS:	N-VALUE (BLOWS/FT)	Hand Penetrometer (q <sub>p</sub> test)							
							1	2	3	4	5			
				SURFACE ELEVATION +840.0										
0.5				Dark brown SILTY CLAY with organics - (CL-OL)(Topsoil)										
1.5	1SS			Brown SILTY CLAY, little sand - firm - (CL)		6								
3.5														
5.5	2SS			Brown SILTY SAND, trace clay - medium dense - damp - (SM)		12								
6.0														
8.5	3SS			Light brown SILTY SAND, little gravel - dense - damp - (SM)		38								
10.5	4SS			Brown fine SAND, trace gravel - dense - moist - (SP)		41								
11.5	5SS			Brown SANDY SILT - medium dense - wet - (ML)		29								
13.5	6SS			Sampler and auger refusal at 13.5 feet on possible bedrock End of boring at 13.5 feet Hollow stem auger used to full depth Borehole backfilled with bentonite chips		60/ 0*								

<b>WATER LEVEL OBSERVATIONS</b>		<b>BORING STARTED</b> 5/29/98	
W.L. <input checked="" type="checkbox"/> 11.5 feet while drilling		<b>BORING COMPLETED</b> 5/29/98	
W.L. Groundwater not encountered		<b>RIG</b> CME-550X	<b>DRILLER</b> RG
W.L. after HSA removal		<b>DRAWN</b> BF	<b>APPROVED</b> AFS
<input checked="" type="checkbox"/> 11.0 feet 1 hour after HSA removal		<b>JOB #</b> C-1590	<b>SHEET</b> 1 of 1



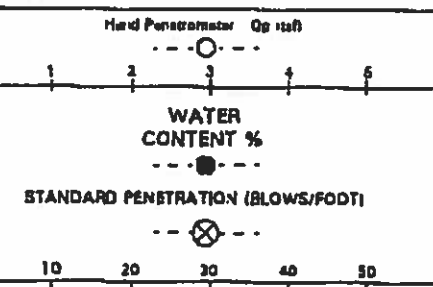
**GME CONSULTANTS, INC.**  
 Geotechnical Materials Environmental  
 8824 Industrial Drive, Unit C  
 Bridgeview, Illinois 60455  
 (708)430-1071

The stratification lines represent approximate boundaries between soil types; insitu the transition may be gradual

**LOG OF BORING 22**

<b>PROJECT</b> Whitewater Business Park Expansion	<b>SITE</b> Whitewater, Wisconsin
<b>CLIENT</b> Strand Associates, Inc.	<b>ARCHITECT-ENGINEER</b> Strand Associates, Inc.

DEPTH, FEET	SAMPLE NUMBER AND TYPE	WATER LEVEL	STRATA CHANGE, FEET	DESCRIPTION OF MATERIAL	SPECIAL TESTS:	N-VALUE (BLOWS/FT)	Hard Penetration (q <sub>p</sub> (tsf))							
							1	2	3	4	5			
				SURFACE ELEVATION +831.6										
	1SS		0.7	Dark brown SILTY CLAY with organics - (CL-OL)(Topsoil)										
			2.5	Brown SILTY CLAY, little sand - stiff - (CL)		14		⊗	●	○				
	2SC		3.6	Light brown weathered LIMESTONE FRAGMENTS - very dense - dry - (GP)		50/1"								
				Sampler and auger refusal at 3.6 feet on possible bedrock End of boring at 3.6 feet Hollow stem auger used to full depth Borehole backfilled with bentonite chips										



WATER LEVEL OBSERVATIONS	
W.L.	Groundwater not encountered
W.L.	while drilling nor after
W.L.	HSA removal

**GME CONSULTANTS, INC.**  
 Geotechnical Materials Environmental  
 9824 Industrial Drive, Unit C  
 Dodgeville, Wisconsin 53538  
 (708)430-1071

BORING STARTED		5/29/98	
BORING COMPLETED		5/29/98	
RIG	CME-550X	DRILLER	RG
DRAWN	BF	APPROVED	AFS
JOB #	C-1590	SHEET	1 of 1

The stratification lines represent approximate boundaries between soil types; insitu the transition may be gradual.

**LOG OF BORING 21**

<b>PROJECT</b> Whitewater Business Park Expansion	<b>SITE</b> Whitewater, Wisconsin
<b>CLIENT</b> Strand Associates, Inc.	<b>ARCHITECT-ENGINEER</b> Strand Associates, Inc.

DEPTH, FEET	SAMPLE NUMBER AND TYPE	WATER LEVEL	STRATA CHANGE, FEET	DESCRIPTION OF MATERIAL	SPECIAL TESTS:	N-VALUE (BLOWS/FT)	STANDARD PENETRATION (BLOWS/FOOT)							
							1	2	3	4	5			
				SURFACE ELEVATION $\downarrow$ +826.4										
			0.8	Black SILTY CLAY with organics - (CL-OL)(Topsoil)										
	1SS			Light brown SILTY SAND, trace gravel - medium dense to very dense - damp - (SM)		18		⊗						
	2SS		4.5	Sampler and auger refusal at 4.5 feet on possible bedrock End of boring at 4.5 feet Hollow stem auger used to full depth Borehole backfilled with bentonite chips		60/5								

WATER LEVEL OBSERVATIONS	
W.L.	Groundwater not encountered
W.L.	while drilling nor after
W.L.	HSA removal



**GME CONSULTANTS, INC.**  
Geotechnical Materials Environmental  
9824 Industrial Drive, Unit C  
Bridgewater, Illinois 60655  
(708)430-1071

BORING STARTED		5/29/98
BORING COMPLETED		5/29/98
RIG	CME-550X	DRILLER RG
DRAWN	BF	APPROVED AFS
JOB #	C-1590	SHEET 1 of 1

The stratification lines represent approximate boundaries between soil types; in situ the transition may be gradual.

**LOG OF BORING 20**

<b>PROJECT</b> Whitewater Business Park Expansion	<b>SITE</b> Whitewater, Wisconsin
<b>CLIENT</b> Strand Associates, Inc.	<b>ARCHITECT-ENGINEER</b> Strand Associates, Inc.

DEPTH, FEET	SAMPLE NUMBER AND TYPE	WATER LEVEL	STRATA CHANGE, FEET	DESCRIPTION OF MATERIAL	SPECIAL TESTS:	N-VALUE (BLOWS/FT)	Hand Penetrometer - Qp (tsf)								
							1	2	3	4	5				
				SURFACE ELEVATION +824.8											
	1SS		1.2	Black SILTY CLAY with organics - (CL-OL)(Topsoil)											
			3.0	Brown CLAYEY SAND, trace gravel - loose - moist - (SC)		6	⊗	●							
	2SS			Light gray SILTY SAND, trace gravel - medium dense to loose - wet - (SM)		20	●	⊗							
	3SS					4	⊗								
	4SS		8.5	Sampler and auger refusal at 8.5 feet on possible bedrock End of boring at 8.5 feet Hollow stem auger used to full depth Borehole backfilled with bentonite chips		50/0"									

WATER LEVEL OBSERVATIONS	
W.L.	▽ 6.5 feet while drilling
W.L.	▽ 6.5 feet after HSA removal
W.L.	



**GME CONSULTANTS, INC.**  
 Geotechnical Materials Environmental  
 8824 Industrial Drive, Unit C  
 Bridgeview, Illinois 60455  
 (708) 430-1671

BORING STARTED	5/29/98
BORING COMPLETED	5/29/98
RIG	CME-550X
DRILLER	RG
DRAWN	BF
APPROVED	AFS
JOB #	C-1590
SHEET	1 of 1

The stratification lines represent approximate boundaries between soil types; in situ the transition may be gradual.



# LOG OF TEST BORING

Project Whitewater Technology Park  
 Location Whitewater, WI

Boring No. 16T  
 Surface Elevation (ft) 850.8  
 Job No. C10037-1  
 Sheet 1 of 1

2921 Parry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	Rec (in.)	Hoist	N	Depth (ft)		q <sub>u</sub> (qa) (tsf)	W	LL	PL	LI
1	7	M	11		5 in. Dark Brown Silty Sandy TOPSOIL (SM) Stiff, Brown Sandy Lean CLAY (CL)	(1.0)				
2	10	M	34		Dense, Light Brown Fine to Medium SAND, Some Silt and Gravel (SM)					
3	8	M	27		Medium Dense, Light Brown Fine to Coarse SAND & GRAVEL, Some Silt with Boulders & Cobbles (SM/GM - Probable Weathered Dolomite Bedrock)					
					End Boring/Auger Refusal at 7.5 ft  Borehole backfilled with cuttings					

WATER LEVEL OBSERVATIONS					GENERAL NOTES				
While Drilling	<input checked="" type="checkbox"/>	NW	Upon Completion of Drilling		Start	3/4/10	End	3/4/10	
Time After Drilling				15 Min	Driller	Badger Chief	JR	Rig	CME-750
Depth to Water				NW	Logger	DS	Editor	WWW	
Depth to Cave in					Drill Method	2 1/4" HSA			

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.