

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Eoth & Van Dyke

Adams County Landfill

LOCATION

Adams County, WI

Elev. 967.46

Job No. 542

Boring No. B-5

GROUND	While drilling	25.0'	Time after drilling	1/4 hr.
WATER	Before casing removal	--	Depth to water	25.0'
	After casing removal	--	Depth to cave-in	--

Start 6/7/84

Unit 750

Chief RL

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke Adams County Landfill

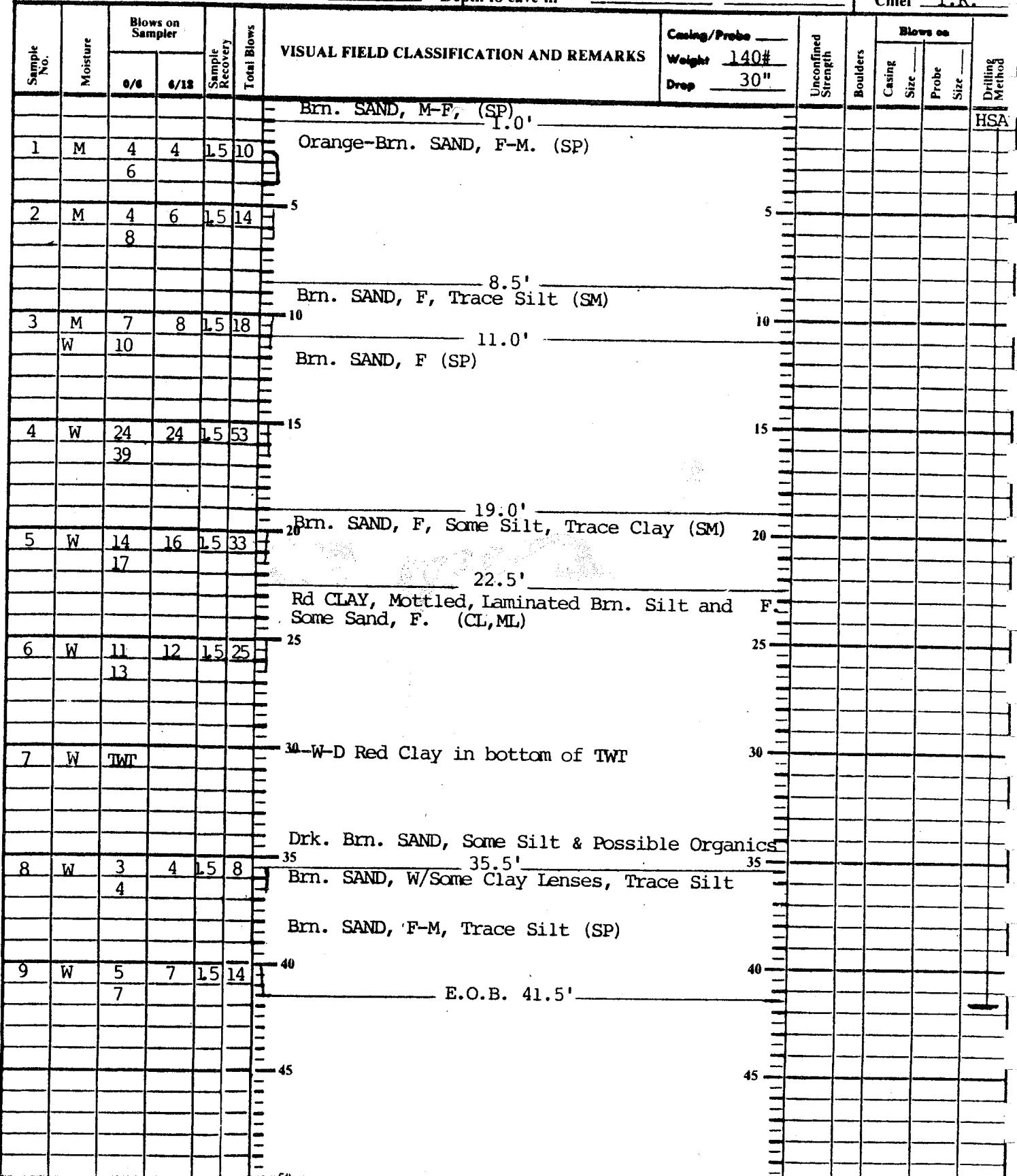
LOCATION Adams County - Jensen Property **Elev** 959.36

Job No. 875

Boring No. B-10

GROUND	While drilling	15.5'	Time after drilling	$\frac{1}{2}$ hr.
WATER	Before casing removal		Depth to water	None
	After casing removal		Depth to cave-in	15.5'

Start 6-09-86
Unit Bomb
Chief T.K.



SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke Adams County Landfill

LOCATION Adams County - Jensen Property Elev. 973.49

Job No. 875

Boring No. B-11

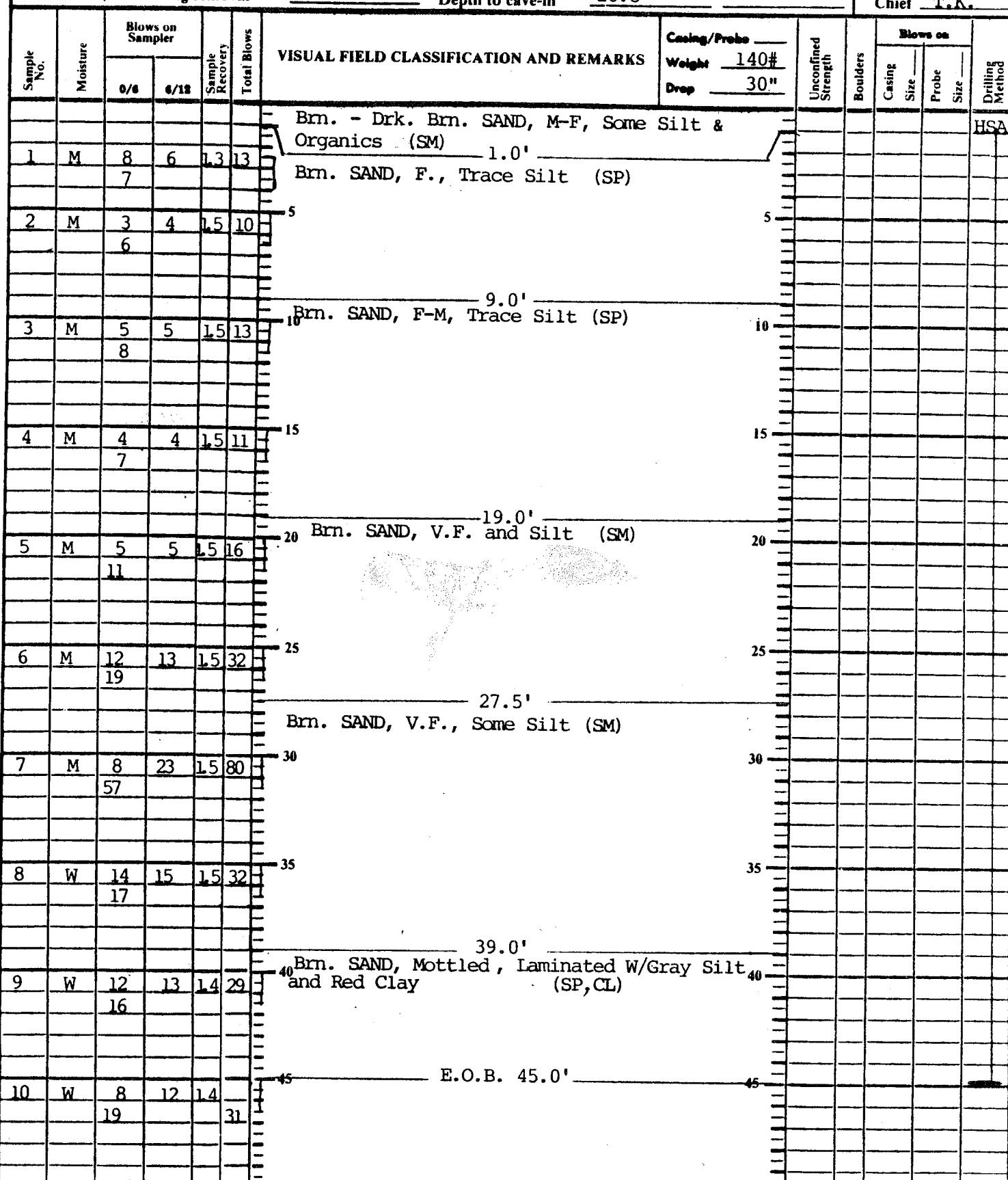
GROUND	While drilling	33.2'	Time after drilling	1/2 hr.		Start	6-9-86
WATER	Before casing removal		Depth to water	None		Unit	Bomb

After casing removal

Depth to cave-in

26.8'

Chief T.K.



WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke

Adams County Landfill

LOCATION Adams County - Jensen Property

Elev. 973.12

Job No. 875

Boring No. B-13

GROUND	While drilling	Time after drilling	$\frac{1}{2}$ hr.	
WATER	Before casing removal	Depth to water	None	
	After casing removal	Depth to cave-in	27.2'	

Sample No.	Moisture	Blows on Sampler			Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe	Weight	Drop	Unconfined Strength	Boulders	Blows on		
		0/6	6/12	Sample Recovery								Casing Size	Probe Size	Drilling Method
1	M/W	33	23	15		Brn. SAND, F., Trace Silt (SP)								HSA
		13			36									
2	M/W	7	5	14	5									
		6			13									
3	M/W	4	5	14	10									
		6			11									
4	M/W	4	5	14	15									
		5			10									
5	M	4	5	14	20			20.5'						
		8			13			Rd-Brn. SAND, V.F., & Some Silt (SM)						
								23.0'						
								Brn. SAND, V.F.-F., Trace Silt (SP)						
6	M	13	20	14	25									
		24			44									
								28.0'						
								Brn. Sandy SILT, F-V.F. (ML)						
7	M	17	13	14	30									
		17			30									
								34.0'						
8	M	16	38					Brn. SAND, F. (SP)						
		12		14	50				36.0'					
								Brn. SAND, F., Laminated W/Brn. Clay (SP, CL)						
9	W	15	32											
		10		14	42									
10	W	12	17	14										
		22			39									
								E.O.B. 45.0'						

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke Adams County Landfill

LOCATION Adams Co. - Jensen Property **Elev.** 976.65

Job No. 875

GROUND White drilling 39.7' Time after drilling $\frac{1}{2}$ hr.

Boring No. B-15

GROUND	While drilling	39.7'	Time after drilling	$\frac{1}{2}$ hr.
WATER	Before casing removal		Depth to water	None
	After casing removal		Depth to cave-in	30.8'

Start 6-10-86
Unit Bomb
Chief T.K.

Sample No.	Moisture	Blows on Sampler			Total Blows	VISUAL FIELD CLASSIFICATION AND REMARKS	Casing/Probe Weight 140# Drop 30"	Unconfined Strength	Blows on		
		0/6	6/12	Sample Recovery					Boulders	Casing Size	Probe Size
1	D	7	12	13	26	Brn. SAND, F-V.F., W/Trace Silt (SP)					
		14									
2	D	4	8	14	5						
		6			14						
3	D	4	4	14	10						
		5			9						
4	D	3	5	14	15						
		7			12						
5	D	3	3	14	20						
		6			9						
6	M	5	4	14	25	Brn. Silty SAND, F-V.F. (SM)	24.5'				
		7			11		26.0'				
						Brn. SAND, F-V.F., Uniform (SP)					
7	D	100	1.2	11	100						
8	D	25	18	14	35	Brn. Silty SAND, F., W/Some Clay, Occassional Sand Seams	34.0'				
		21			39						
						(SM)					
9	W	27	21	14	40	Brn. SAND, F. (SP)	38.5'				
		26			47						
						Red-Brn. & Gray CLAY, Mottled, Laminated, W/Silt and Sand Seams (CL,ML)	41.0'				
10	W	11	13	1.3	45						
		21			34	E.O.B. 46.5'					

Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
Other ..

Page 1 of 2

Facility/Project Name Adams County Landfill			License/Permit/Monitoring Number 3150			Boring Number B-100					
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Joe Last Name: Black Firm: PSI			Date Drilling Started 11/23/2015 M/D/Y	Date Drilling Completed 11/23/2015 M/D/Y	Drilling Method 4 1/2 " HSA						
WI Unique Well No. NA	DNR Well Id No. NA	Well Name NA	Final Static Water Level NA	Surface Elevation 958.29	Borehole Dia. 8 "						
Local Grid Origin (estimated: ") or Boring Location State Plane 741955.299N, 2010215.627E SE 1/4 of NE 1/4, of Section 13, T18N, R5E			Lat. <u> </u> ° <u> </u> ' "	Local Grid Location (If applicable) " N " E Long. <u> </u> ° <u> </u> ' "							
Facility Id. 701040560		County Adams	County Code 01	Civil Town/City or Village Town of Strong Prairie							
SAMPLE		Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	S/SCS	Graphic Log	Well Diagram	P/D/F/D	SOIL PROPERTIES			RQD/Comments
Number and Type	Length Att. & Recovered (in)							Blow Counts	Compressive Strength	Moisture Content	
1 SS	X 24 20	7 4 4 3	SAND with SILT (SM); med-dense; strong brown; (7.5YR 5/6); moist; medium SAND	SM				M			Lacustrine
2 SS	X 24 20	4 5 6 5	As above, reddish yellow (7.5YR 6/6) fine SAND w/ strong brown (7.5YR 5/4) mottled appearance; interbedded of silt (varved appearance)	SP/SC				M			Lacustrine
3 SS	X 24 22	3 2 3 4	SAND with interbedded CLAY (SC) layers. SAND; med-dense; reddish yellow (7.5YR 6/6); moist; fine SAND. Clay; brown (7.5YR 5/4); moist.	SP/SC				M			Lacustrine
4 SS	X 24 20	6 9 7 19	- dense; wet no interbedding	SP/SC			▼ GW encountered @ 16' during drilling Elevation: 942.29'	W			Lacustrine
5 SS	X 24 24	22 19 19 19	SAND with SILT (SM); very dense; strong (7.5YR 5/6); wet; medium SAND	SP/SM				W			Lacustrine
	X	3	SANDY lean CLAY (CL); firm; brown (7.5YR 5/3); wet; fine SAND	CL				W			Lacustrine

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>William Honea, Nicole Bader</i>	Firm AYRES ASSOCIATES
---	---------------------------------

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

B-100 cont.

Page 2 of 2

SAMPLE		BLOW COUNT	DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES					RDQ/ comment
NUMBER	LENGTH RECOV- ERED (IN)				USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	P-200	
6	24		5	-26 lean CLAY (CL) very thinly bedded with interbedded seams of SILT. CLAY; very stiff brown (7.5 YR 4/4); moist. SILT; firm; brown (7.5 YR 5/4); moist. (varved appearance)	CL					M				Lacustrine
SS	24		7	-										
			9	-27										
				-28										
				-	End of boring @ 25 ft bgs (elevation 933.29')									
				-29										
				-	last split spoon from 25-27 ft bgs (elevation 931.29')									
				-30										
				-										
				-31										
				-32										
				-33										
				-34										
				-35										
				-36										
				-37										
				-38										
				-39										
				-40										
				-41										
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				-59										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

William Honea, Nicole Bader

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 or nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location B-100	County Adams	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E (If Applicable)		Present Well Owner Adams County Solid Waste Department	
Gov't Lot	Grid Number	Street or Route	
Grid Location ft. N. S.	ft. E. W.	City, State, Zip Code Friendship, WI 53934	
Civil Town Name Strong's Prairie		Facility Well No. and/or Name (If Applicable) B- 100	WI Unique Well No.
Street Address of Well 1420 State Hwy 21		Reason for Abandonment: Sampling completed	
City, Village Friendship		Date of Abandonment November 23, 2015	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>~16'</u>	
<input type="checkbox"/> Monitoring Well	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Soil Boring Log)	Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Table		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Drillhole		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u>Hollow stem auger</u>		If No, Explain: _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Total Well Depth (ft.) <u>25</u> (From Groundsurface)		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Casing Depth (ft.) <u>n/a</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
(7) Sealing Material Used Chipped Bentonite		From (ft.) <u>0</u>	To (ft.) <u>25</u>
			No. Yards, Sacks Sealant or Volume <u>8.73 ft³</u>
			Mix Ratio or Mud Weight
(8) Comments: _____			
(9) Name of Person or Firm Doing Sealing Work Ayres Associates		(10) FOR DNR OR COUNTY USE ONLY	
Signature of Person Doing Work William Honea for PSI		Date Signed <u>11/23/2015</u>	
Street or Route N17 W24222 Riverwood Drive, Suite 310		Telephone Number <u>262.522.4924</u>	
City, State, Zip Code Waukesha, WI 53188			

Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
Other ..

Page 1 of 1

Facility/Project Name Adams County Landfill				License/Permit/Monitoring Number 3150			Boring Number B-101				
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Joe Last Name: Black Firm: PSI				Date Drilling Started 11/23/2015 M/D/Y	Date Drilling Completed 11/23/2015 M/D/Y	Drilling Method 4 1/2 " HSA					
WI Unique Well No. NA	DNR Well Id No. NA	Well Name NA	Final Static Water Level NA	Surface Elevation 960.28		Borehole Dia. 8 "					
Local Grid Origin (estimated: " or Boring Location State Plane 741393.213 N, 2010215.714 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E				Lat. <u> </u> ° <u> </u> ' <u> </u> " -----	Local Grid Location (If applicable) " N " E Long. <u> </u> ° <u> </u> ' <u> </u> " ____ Feet " S ____ Feet " W						
Facility Id. 701040560		County Adams	County Code 01		Civil Town/City or Village Town of Strong Prairie						
SAMPLE		Blow Counts	Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT				SOIL PROPERTIES			
Number and Type	Length Att. & Recovered (in)			USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index
1 SS	X 24 20	2 -1 2 3 4 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25	6 " Black sand w/organics (topsoil) SAND with SILT (SM); med-dense; brown (7.5YR 5/4); moist; fine SAND 7.5 YR 5/6 mottling no mottling reddish yellow (7.5 YR 6/6) mottling no mottling End of boring 19 ft bgs (elevation 941.28') groundwater not encountered	OL SM				M			Lacustrine
2 SS	X 24 20	3 -6 4 4 5 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25					M				Lacustrine
3 SS	X 24 22	5 13 20 26 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22					M				Lacustrine
4 SS	X 24 20	13 14 18 16 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25					M				Lacustrine
5 SS	X 24 18	13 22 21 22 -18 -19 -20 -21 -22 -23 -24 -25					M				Lacustrine

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>William Honea, Nicole Bader</i>	Firm AYRES ASSOCIATES
This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location B-101	County Adams	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E (If Applicable)		Present Well Owner Adams County Solid Waste Department	
Gov't Lot	Grid Number	Street or Route	
Grid Location ft. N. S.	ft. E. W.	City, State, Zip Code Friendship, WI 53934	
Civil Town Name Strong's Prairie		Facility Well No. and/or Name (If Applicable) B- 101	WI Unique Well No.
Street Address of Well 1420 State Hwy 21		Reason for Abandonment: Sampling completed	
City, Village Friendship		Date of Abandonment November 23, 2015	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>NA</u>	
<input type="checkbox"/> Monitoring Well	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Soil Boring Log)	Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Table		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Drillhole		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u>Hollow stem auger</u>		If No, Explain: _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Total Well Depth (ft.) <u>19</u> (From Groundsurface)		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Casing Depth (ft.) <u>n/a</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
(5) Required Method of Placing Sealing Material <input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain) _____			
(6) Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input checked="" type="checkbox"/> Chipped Bentonite		For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout	

(7) Sealing Material Used Chipped Bentonite		From (ft.) <u>0</u>	To (ft.) <u>19</u>	No. Yards, Sacks Sealant or Volume <u>6.63 ft³</u>	Mix Ratio or Mud Weight

(8) Comments: _____			
(9) Name of Person or Firm Doing Sealing Work Ayres Associates		(10) FOR DNR OR COUNTY USE ONLY	
Signature of Person Doing Work William Honea for PSI		Date Signed <u>11/23/2015</u>	
Street or Route N17 W24222 Riverwood Drive, Suite 310		Telephone Number <u>262.522.4924</u>	
City, State, Zip Code <u>Waukesha, WI 53188</u>			

Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
Other ..

Page 1 of 2

Facility/Project Name Adams County Landfill			License/Permit/Monitoring Number 3150			Boring Number B-102					
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Joe Last Name: Black Firm: PSI			Date Drilling Completed 11/23/2015 M/D/Y			Drilling Method 4 1/2 " HSA					
WI Unique Well No. NA	DNR Well Id No. NA	Well Name NA	Final Static Water Level NA	Surface Elevation 960.84	Borehole Dia. 8 "						
Local Grid Origin " (estimated: ") or Boring Location " State Plane 741956.16 N, 2010443.666 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E			Lat. <u> </u> ° <u> </u> ' <u> </u> " ----- Long. <u> </u> ° <u> </u> ' <u> </u> "	Local Grid Location (If applicable) " N " E Feet " S Feet " W							
Facility Id. 701040560		County Adams	County Code 01		Civil Town/City or Village Town of Strong Prairie						
SAMPLE		Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	USCS	Graphic Log	Well Diagram	SOIL PROPERTIES				ROD/Comments
Number and Type	Length Att. & Recovered (in)						Blow Counts	PID/FID	Compressive Strength	Moisture Content	
1 SS	X 24 20	2 2 2 4	8 " Black sand w/orgamics (topsoil) -1 SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; medium SAND	OL SM			M				Lacustrine
2 SS	X 24 20	3 6 5 7	Sand, fine -3 -4 -5 -6 -7				M				Lacustrine
3 SS	X 24 22	4 4 4 4	-8 -9 -10 -11 -12				M				Lacustrine
4 SS	X 24 20	7 9 12 7	-13 -14 -15 -16 -17 SANDY SILT (ML); hard; strong brown (7.5 YR 4/6); moist; fine SAND	ML			M				Lacustrine
5 SS	X 24 24	14 25 38 46	-18 -19 -20 -21 -22 SAND with SILT (SM); very dense; brown (7.5 YR 5/4); wet fine SAND	SM		GW encountered @ 22' during drilling Elevation 938.84'	M				Lacustrine
	X	3	-23 -24 -25	CL			M				Lacustrine

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>William Honea, Nicole Bader</i>	Firm AYRES ASSOCIATES
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SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

B-102 cont.

Page 2 of 2

SAMPLE				SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES				RDQ/ comment		
NUMBER	LENGTH RECOV- ERED (IN)	BLOW COUNT	DEPTH IN FEET		USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	P-200		
6 SS	X 24 24	7 8 10	-26 -27	lean CLAY (CL) very thinly bedded with interbedded seams of SILT, CLAY; very stiff, brown (7.5 YR 4/4); moist. SILT; firm; brown (7.5 YR 5/4); moist. (varied appearance)	CL					M				Lacustrine	
7 ST	X NA	NA	-28 -29 -30 -31 -32 -33 -34 -35 -36 -37 -38 -39 -40 -41 -42 -43 -44 -45 -46 -47 -48 -49 -50 -51 -52 -53 -54 -55 -56 -57 -58 -59	End of boring @ 27 ft bgs (elevation 933.84') sampled with shelby tube @ 27-29 ft bgs							M				

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

William Honea, Nicole Bader

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 or nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location B-102	County Adams	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E (If Applicable)		Present Well Owner Adams County Solid Waste Department	
Gov't Lot ft. N. S.		Grid Number ft. E. W.	
Grid Location ft. N. S.		City, State, Zip Code Friendship, WI 53934	
Civil Town Name Strong's Prairie		Facility Well No. and/or Name (If Applicable) B- 102	WI Unique Well No.
Street Address of Well 1420 State Hwy 21		Reason for Abandonment: Sampling completed	
City, Village Friendship		Date of Abandonment November 23, 2015	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>~22'</u>	
<p>Monitoring Well Construction Report Available?</p> <p><input type="checkbox"/> Water Table <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input type="checkbox"/> Drillhole (Soil Boring Log)</p> <p><input checked="" type="checkbox"/> Borehole</p>		<p>Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable</p> <p>Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable</p> <p>Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable</p> <p>Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable</p> <p>If No, Explain: _____</p> <p>Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable</p> <p>Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable</p> <p>Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable</p> <p>If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable</p>	
<p>Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug</p> <p><input type="checkbox"/> Other (Specify) <u>Hollow stem auger</u></p>		<p>(5) Required Method of Placing Sealing Material</p> <p><input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped</p> <p><input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain) _____</p>	
<p>Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock</p>		<p>(6) Sealing Materials</p> <p><input type="checkbox"/> Neat Cement Grout For monitoring wells and monitoring well boreholes only</p> <p><input type="checkbox"/> Sand-Cement (Concrete) Grout</p> <p><input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets</p> <p><input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Granular Bentonite</p> <p><input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout</p> <p><input checked="" type="checkbox"/> Chipped Bentonite</p>	
<p>Total Well Depth (ft.) <u>27</u> (From Groundsurface)</p> <p>Casing Depth (ft.) <u>n/a</u></p> <p>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet</p>			

(7) Sealing Material Used Chipped Bentonite		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
		0	27	9.42 ft³	

(8) Comments: _____		(10) FOR DNR OR COUNTY USE ONLY		
(9) Name of Person or Firm Doing Sealing Work Ayres Associates				
Signature of Person Doing Work William Honea		Date Signed 11/23/2015		
Street or Route N17 W24222 Riverwood Drive, Suite 310		Telephone Number 262.522.4924		
City, State, Zip Code Waukesha, WI 53188				

Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
Other ..

Page 1 of 1

Facility/Project Name Adams County Landfill			License/Permit/Monitoring Number 3150			Boring Number B-103							
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Joe Last Name: Black Firm: PSI			Date Drilling Started 11/20/2015 M/D/Y		Date Drilling Completed 11/20/2015 M/D/Y		Drilling Method 4 1/2 " HSA						
WI Unique Well No. NA	DNR Well Id No. NA	Well Name NA	Final Static Water Level NA		Surface Elevation 959.52		Borehole Dia. 8 "						
Local Grid Origin (estimated) or Boring Location State Plane 741393.227 N, 2010441.101 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E			Lat. <u> </u> ° <u> </u> ' <u> </u> " ----- Long. <u> </u> ° <u> </u> ' <u> </u> "		Local Grid Location (If applicable) " N " E Feet " S Feet " W								
Facility Id. 701040560		County Adams	County Code 01		Civil Town/City or Village Town of Strong Prairie								
SAMPLE		Depth in Feet (Below ground surface)	Blow Counts	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT		USCS	Graphic Log	Well Diagram	SOIL PROPERTIES				RQD/Comments
Number and Type	Length Att. & Recovered (in)			6 " Black sand w/orgamics (topsoil)	OL				PID/FID	Compressive Strength	Moisture Content	Liquid Limit	
1 SS	X 24 18	1 2 2 2	-1 -2 -3 -4 -5 -6 -7	SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine SAND	SM				M				Lacustrine
2 SS	X 24 20	3 3 3 3	-8 -9 -10 -11 -12 -13 -14 -15	med-dense; brown (7.5 YR 5/4)					M				Lacustrine
3 SS	X 24 20	3 5 7 8	-16 -17 -18 -19 -20	CLAYEY SILT (ML); firm; brown (7.5 YR 5/4); moist	ML				M				Lacustrine
4 SS	X 24 20	3 6 12 18	-21 -22	SAND with SILT (SM); very dense; brown (7.5 YR 5/4); wet; fine SAND	SM			▼ GW encountered @ 21' during drilling Elevation 938.52'					Lacustrine
5 SS	X 24 18	13 22 32 53	-23 -24 -25	End of boring 22 ft bgs (elevation 937.52')									Lacustrine

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>William Honea, Nicole Bader</i>	Firm AYRES ASSOCIATES
This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location B-103	County Adams	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E (If Applicable)		Present Well Owner Adams County Solid Waste Department	
Gov't Lot	Grid Number	Street or Route	
Grid Location ft. N. S.	ft. E. W.	City, State, Zip Code Friendship, WI 53934	
Civil Town Name Strong's Prairie		Facility Well No. and/or Name (If Applicable) B- 103	WI Unique Well No.
Street Address of Well 1420 State Hwy 21		Reason for Abandonment: Sampling completed	
City, Village Friendship		Date of Abandonment November 23, 2015	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>~21'</u>	
<input type="checkbox"/> Monitoring Well	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Soil Boring Log)	Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Table		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Drillhole		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u>Hollow stem auger</u>		If No, Explain: _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Total Well Depth (ft.) <u>22</u> (From Groundsurface)		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Casing Depth (ft.) <u>n/a</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
(7) Sealing Material Used Chipped Bentonite		From (ft.) <u>0</u>	To (ft.) <u>22</u>
			No. Yards, Sacks Sealant or Volume <u>7.68 ft³</u>
			Mix Ratio or Mud Weight
(8) Comments: _____			
(9) Name of Person or Firm Doing Sealing Work Ayres Associates		(10) FOR DNR OR COUNTY USE ONLY	
Signature of Person Doing Work William Honea for PSI		Date Signed <u>11/23/2015</u>	
Street or Route N17 W24222 Riverwood Drive, Suite 310		Telephone Number <u>262.522.4924</u>	
City, State, Zip Code Waukesha, WI 53188			

Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
Other ..

Page 1 of 1

Facility/Project Name Adams County Landfill				License/Permit/Monitoring Number 3150			Boring Number B-104					
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Joe Last Name: Black Firm: PSI				Date Drilling Started 11/23/2015 M/D/Y	Date Drilling Completed 11/23/2015 M/D/Y	Drilling Method 4 1/2 " HSA						
WI Unique Well No. NA	DNR Well Id No. NA	Well Name NA	Final Static Water Level NA		Surface Elevation 967.04	Borehole Dia. 8 "						
Local Grid Origin (estimated:) or Boring Location State Plane 741125.59 N, 2010482.527 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E				Lat. <u> </u> ° <u> </u> ' <u> </u> " ----- Long. <u> </u> ° <u> </u> ' <u> </u> "	Local Grid Location (If applicable) " N " E Feet " S Feet " W							
Facility Id. 701040560		County Adams	County Code 01		Civil Town/City or Village Town of Strong Prairie							
SAMPLE		Blow Counts	Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT				SOIL PROPERTIES				
Number and Type	Length Att. & Recovered (in)			USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200
1 SS	X 24 18	3 2 2 1	-1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25	6 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine SAND med-dense; brown (7.5 YR 5/4) reddish yellow (7.5 YR 6/6) brown (7.5 YR 5/4) End of boring 22 ft bgs (elevation 945.04') groundwater not encountered	OL SM			M				Lacustrine
2 SS	X 24 20	3 3 5 6					M				Lacustrine	
3 SS	X 24 20	5 6 6 8					M				Lacustrine	
4 SS	X 24 20	2 4 5 11					M				Lacustrine	
5 SS	X 24 18	8 11 11 15					M				Lacustrine	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

William Honea, Nicole Bader

Firm

AYRES ASSOCIATES

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(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location B-104	County Adams	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E (If Applicable)		Present Well Owner Adams County Solid Waste Department	
Gov't Lot		Grid Number	
Grid Location ft. N. S. ft. E. W.		City, State, Zip Code Friendship, WI 53934	
Civil Town Name Strong's Prairie		Facility Well No. and/or Name (If Applicable) B- 104	WI Unique Well No.
Street Address of Well 1420 State Hwy 21		Reason for Abandonment: Sampling completed	
City, Village Friendship		Date of Abandonment November 23, 2015	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>NA</u>	
<u>Monitoring Well</u> <u>Water Table</u> <u>Drillhole</u> X <u>Borehole</u>		Pumping & Piping Removed? <u>Yes</u> <u>No</u> X Not Applicable Liner(s) Removed? <u>Yes</u> <u>No</u> X Not Applicable Screen Removed? <u>Yes</u> <u>No</u> X Not Applicable Casing Left in Place? <u>Yes</u> <u>No</u> X Not Applicable If No, Explain: _____	
Construction Type: X Drilled <u>Driven (Sandpoint)</u> <u>Dug</u> <u>Other (Specify)</u> Hollow stem auger		Was casing Cut Off Below Surface? <u>Yes</u> <u>No</u> X Not Applicable Did Sealing Material Rise to Surface? <u>Yes</u> X <u>No</u> _____ Not Applicable Did Material Settle After 24 Hours? <u>Yes</u> X <u>No</u> _____ Not Applicable If Yes, Was Hole Retopped? <u>Yes</u> <u>No</u> X Not Applicable	
Formation Type: X Unconsolidated Formation <u>Bedrock</u>		(5) Required Method of Placing Sealing Material X Conductor Pipe-Gravity <u>Conductor Pipe-Pumped</u> <u>Dump Bailer</u> <u>Other (Explain)</u>	
Total Well Depth (ft.) <u>22</u> (From Groundsurface)		(6) Sealing Materials <u>Neat Cement Grout</u> For monitoring wells and <u>Sand-Cement (Concrete) Grout</u> monitoring well boreholes only <u>Concrete</u> X Bentonite Pellets <u>Clay-Sand Slurry</u> X Granular Bentonite <u>Bentonite-Sand Slurry</u> X Bentonite - Cement Grout X Chipped Bentonite	
Casing Depth (ft.) <u>n/a</u> Was Well Annular Space Grouted? <u>Yes</u> X <u>No</u> <u>Unknown</u> If Yes, To What Depth? _____ Feet			

(7) Sealing Material Used Chipped Bentonite		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
		0	22	7.68 ft³	

(8) Comments: _____		(10) FOR DNR OR COUNTY USE ONLY		
(9) Name of Person or Firm Doing Sealing Work Ayres Associates				
Signature of Person Doing Work William Honea for PSI		Date Signed 11/23/2015		
Street or Route N17 W24222 Riverwood Drive, Suite 310		Telephone Number 262.522.4924		
City, State, Zip Code Waukesha, WI 53188				

Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
Other ..

Page 1 of 2

Facility/Project Name Adams County Landfill				License/Permit/Monitoring Number 3150			Boring Number B-105					
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Joe Last Name: Black Firm: PSI				Date Drilling Started 11/20/2015 M/D/Y	Date Drilling Completed 11/20/2015 M/D/Y	Drilling Method 4 1/2 " HSA						
WI Unique Well No. NA	DNR Well Id No. NA	Well Name NA	Final Static Water Level NA		Surface Elevation 970.92	Borehole Dia. 8 "						
Local Grid Origin (estimated: " or Boring Location State Plane 741954.001 N, 2010654.202 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E				Lat. ____ ° ____ ' ____ "	Local Grid Location (If applicable) ____ N ____ E Long. ____ ° ____ ' ____ " Feet ____ S ____ Feet ____ W							
Facility Id. 701040560		County Adams	County Code 01		Civil Town/City or Village Town of Strong Prairie							
SAMPLE		Blow Counts	Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT		USCS	Graphic Log	Well Diagram	SOIL PROPERTIES			RQD/Comments
Number and Type	Length Att. & Recovered (in)			OL	SM				PID/FID	Compressive Strength	Moisture Content	
1 SS	X 24 18	1 1 1 2	- -1 -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25	6 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine to medium SAND light brown (7.5 YR 6/4) medium SAND; (varved appearance)				M			Lacustrine	
2 SS	X 24 18	4 6 6 8						M			Lacustrine	
3 SS	X 24 20	4 4 4 7						M			Lacustrine	
4 SS	X 24 20	7 9 11 16						M			Lacustrine	
5 SS	X 24 20	7 9 10 9						M			Lacustrine	
X		13	-					M			Lacustrine	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

William Honea, Nicole Bader

Firm

AYRES ASSOCIATES

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SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

Page 2 of 2

B-105 cont.

SAMPLE		BLOW COUNT	DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES				RDQ/ comment
NUMBER	LENGTH RECOV- ERED (IN)				USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRATION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	
6 SS	X 24 24	15 17 15	-26 -27	CLAY with trace SILT; stiff; brown (7.5 YR 4/4); (varved appearance)	CL					M			Lacustrine
			-28 -29 -30										
7 SS	X 24 24	13 18 19 18	-31 -32	SAND with SILT (SM); dense; brown (7.5 YR 5/4); moist; fine to medium SAND	SM					W			Lacustrine
			-33 -34 -35										
8 ST	X 24 24	10 4 6 9	-36 -37	lean CLAY (CL) very thinly bedded with interbedded seams of SILT. CLAY; very stiff, brown (7.5YR 4/4); moist. SILT; brown (7.5YR 5/4); moist. (varved appearance)	CL					M			Lacustrine
			-38 -39 -40 -41 -42 -43 -44 -45 -46 -47 -48 -49 -50 -51 -52 -53 -54 -55 -56 -57 -58 -59	End of boring @ 37 ft bgs (elevation 933.92') Offset and collected shelby tube @ 35-37'									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

William Hanea, Nicole Bader

Firm

AYRES ASSOCIATES

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(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location B-105	County Adams	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E (If Applicable)		Present Well Owner Adams County Solid Waste Department	
Gov't Lot	Grid Number	Street or Route	
Grid Location ft. N. S.	ft. E. W.	City, State, Zip Code Friendship, WI 53934	
Civil Town Name Strong's Prairie		Facility Well No. and/or Name (If Applicable) B- 105	WI Unique Well No.
Street Address of Well 1420 State Hwy 21		Reason for Abandonment: Sampling completed	
City, Village Friendship		Date of Abandonment November 23, 2015	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>~32</u>	
<input type="checkbox"/> Monitoring Well	Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Soil Boring Log)	Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Table		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Drillhole		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input checked="" type="checkbox"/> Borehole		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) <u>Hollow stem auger</u>		If No, Explain: _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Total Well Depth (ft.) <u>37</u> (From Groundsurface)		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Casing Depth (ft.) <u>n/a</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
(7) Sealing Material Used Chipped Bentonite		(5) Required Method of Placing Sealing Material <input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain) _____	
		From (ft.) <u>0</u>	To (ft.) <u>37</u>
		No. Yards, Sacks Sealant or Volume <u>12.91 ft³</u>	
		Mix Ratio or Mud Weight _____	
(8) Comments: _____			
(9) Name of Person or Firm Doing Sealing Work Ayres Associates		(10) FOR DNR OR COUNTY USE ONLY	
Signature of Person Doing Work William Honea for PSI		Date Signed <u>11/23/2015</u>	
Street or Route N17 W24222 Riverwood Drive, Suite 310		Telephone Number <u>262.522.4924</u>	
City, State, Zip Code Waukesha, WI 53188			

Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..Waste Management ..
Other ..Page 1 of 1

Facility/Project Name Adams County Landfill			License/Permit/Monitoring Number 3150			Boring Number B-106							
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Joe Last Name: Black Firm: PSI			Date Drilling Started 11/20/2015 M/D/Y		Date Drilling Completed 11/20/2015 M/D/Y		Drilling Method 4 1/2 " HSA						
WI Unique Well No. NA	DNR Well Id No. NA	Well Name NA	Final Static Water Level NA		Surface Elevation 962.82		Borehole Dia. 8 "						
Local Grid Origin " (estimated: ") or Boring Location " State Plane 741392.204 N, 2010654.573 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E			Lat. <u> </u> ° <u> </u> ' <u> </u> " ----- Long. <u> </u> ° <u> </u> ' <u> </u> "		Local Grid Location (If applicable) " N " E Feet " S Feet " W								
Facility Id. 701040560		County Adams	County Code 01		Civil Town/City or Village Town of Strong Prairie								
SAMPLE		Depth in Feet (Below ground surface)	Blow Counts	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT		USCS	Graphic Log	Well Diagram	SOIL PROPERTIES				RQD/Comments
Number and Type	Length Att & Recovered (in)			OL	SM				FID/FID	Compressive Strength	Moisture Content	Liquid Limit	
1 SS	X 24 20	2 1 2 2	-1 -2 -3 -4 -5 -6 -7	6 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; medium SAND	OL SM				M				Lacustrine
2 SS	X 24 24	3 3 5 5	-8 -9 -10 -11 -12	fine SAND					M				Lacustrine
3 SS	X 24 20	3 3 4 4	-13 -14 -15 -16 -17						M				Lacustrine
4 SS	X 24 24	5 9 11 11	-18 -19 -20 -21 -22						M				Lacustrine
5 SS	X 24 20	8 5 7 8	-23 -24 -25	SILTY CLAY (CL/ML); stiff; brown (7.5 YR 5/4); moist Sampled with shelby tube from 22-24' but did not get recovery from the clay unit	CL/ML	████████			M				Lacustrine
6 ST	X 24 24	NA	-23 -24	End of boring @ 22 ft bgs (elevation 940.82') SAND with SILT (SM); dense; brown (7.5 YR 5/4); moist	SM				M				Lacustrine
			-25	ground water not encountered									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>William Honea, Nicole Bader</i>	Firm AYRES ASSOCIATES
---	--------------------------

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location B-106	County Adams	Original Well Owner (If Known)	
SE 1/4, NE 1/4, Sec. 13 T18N, R05E (If Applicable)		Present Well Owner Adams County Solid Waste Department	
Gov't Lot		Grid Number	
Grid Location ft. N. S. ft. E. W.		City, State, Zip Code Friendship, WI 53934	
Civil Town Name Strong's Prairie		Facility Well No. and/or Name (If Applicable) B- 106	WI Unique Well No.
Street Address of Well 1420 State Hwy 21		Reason for Abandonment: Sampling completed	
City, Village Friendship		Date of Abandonment November 23, 2015	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On: (Date) <u>11/23/2015</u>		(4) Depth to Water (feet) <u>NA</u>	
<u>Monitoring Well</u> <u>Water Table</u> <u>Drillhole</u> X <u>Borehole</u>		Pumping & Piping Removed? <u>Yes</u> <u>No</u> X Not Applicable Liner(s) Removed? <u>Yes</u> <u>No</u> X Not Applicable Screen Removed? <u>Yes</u> <u>No</u> X Not Applicable Casing Left in Place? <u>Yes</u> <u>No</u> X Not Applicable If No, Explain: _____	
Construction Type: X Drilled <u>Driven (Sandpoint)</u> <u>Dug</u> <u>Other (Specify)</u> Hollow stem auger		Was casing Cut Off Below Surface? <u>Yes</u> <u>No</u> X Not Applicable Did Sealing Material Rise to Surface? <u>Yes</u> X <u>No</u> _____ Not Applicable Did Material Settle After 24 Hours? <u>Yes</u> X <u>No</u> _____ Not Applicable If Yes, Was Hole Retopped? <u>Yes</u> <u>No</u> X Not Applicable	
Formation Type: X Unconsolidated Formation <u>Bedrock</u>		(5) Required Method of Placing Sealing Material X Conductor Pipe-Gravity <u>Conductor Pipe-Pumped</u> <u>Dump Bailer</u> <u>Other (Explain)</u>	
Total Well Depth (ft.) <u>22</u> (From Groundsurface)		(6) Sealing Materials <u>Neat Cement Grout</u> For monitoring wells and <u>Sand-Cement (Concrete) Grout</u> monitoring well boreholes only <u>Concrete</u> X Bentonite Pellets <u>Clay-Sand Slurry</u> X Granular Bentonite <u>Bentonite-Sand Slurry</u> X Bentonite - Cement Grout X Chipped Bentonite	
Casing Depth (ft.) <u>n/a</u>			
Was Well Annular Space Grouted? <u>Yes</u> X <u>No</u> <u>Unknown</u> If Yes, To What Depth? _____ Feet			

(7) Sealing Material Used Chipped Bentonite		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
		0	22	7.68 ft³	

(8) Comments: _____		(10) FOR DNR OR COUNTY USE ONLY		

(9) Name of Person or Firm Doing Sealing Work Ayres Associates	
Signature of Person Doing Work William Honea for PSI Date Signed 11/23/2015	
Street or Route N17 W24222 Riverwood Drive, Suite 310 Telephone Number 262.522.4924	
City, State, Zip Code Waukesha, WI 53188	

FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke Adams County Landfill

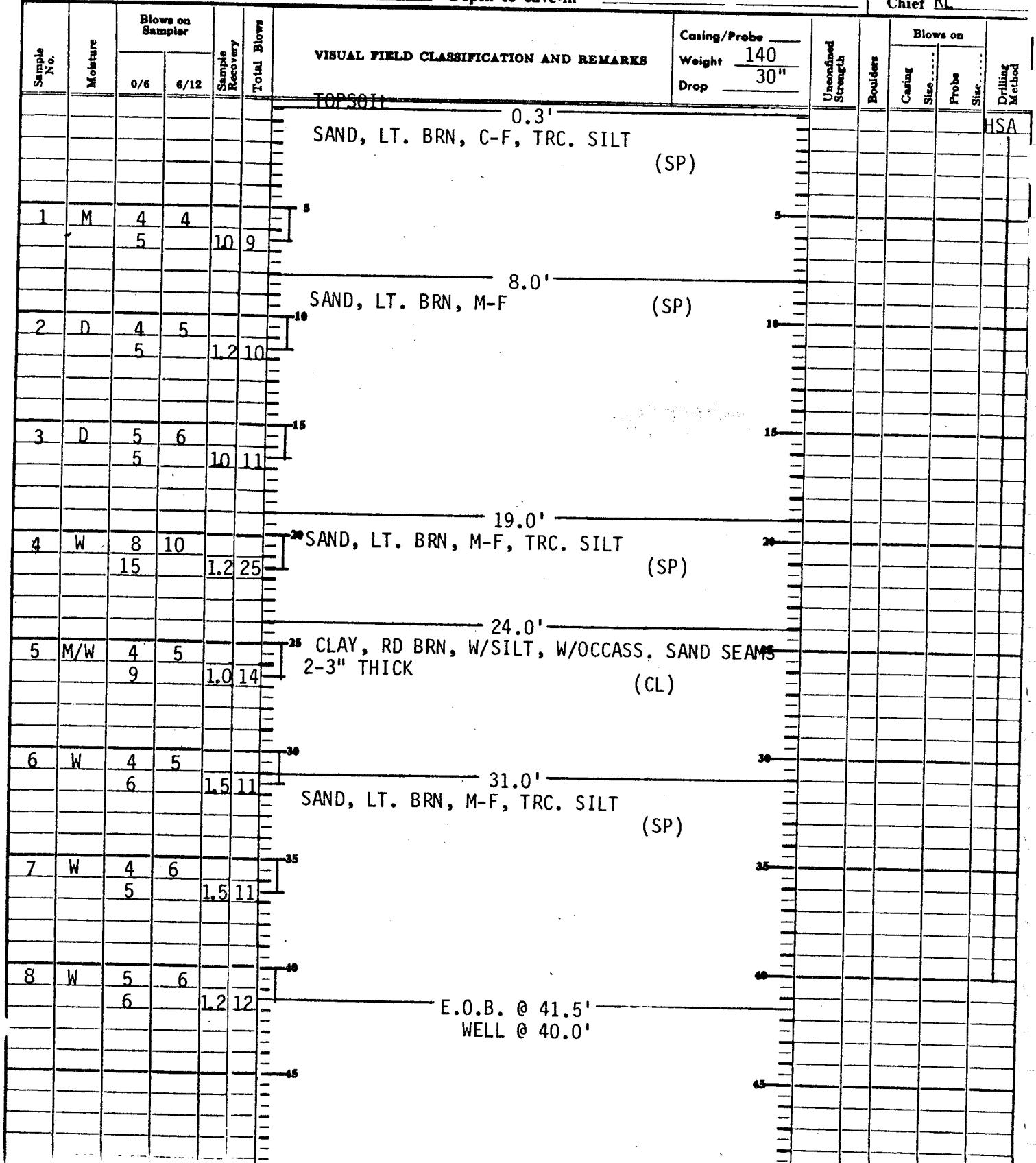
LOCATION Adams County, Wisconsin

Elev. 958.51

Job No. 542

Boring No. MW-1

GROUND	While drilling	20.0'	Time after drilling	1/4 hr.			Start 6/7/84
WATER	Before casing removal	--	Depth to water	20.0'			Unit 750
	After casing removal	--	Depth to cave-in	--			Chief RL



RED BORING LOG

Sheet 2 of 2

SCHOFIELD, WISCONSIN

FOR F&VD **Adams County Landfill**
LOCATION Adams Co., WI Play

Job No. 1084

Boring No. MW-1P

GROUND While drilling

Time after drilling 1 day

GROUND Before casting removal
WATER After casting removal

Depth to water 23.1

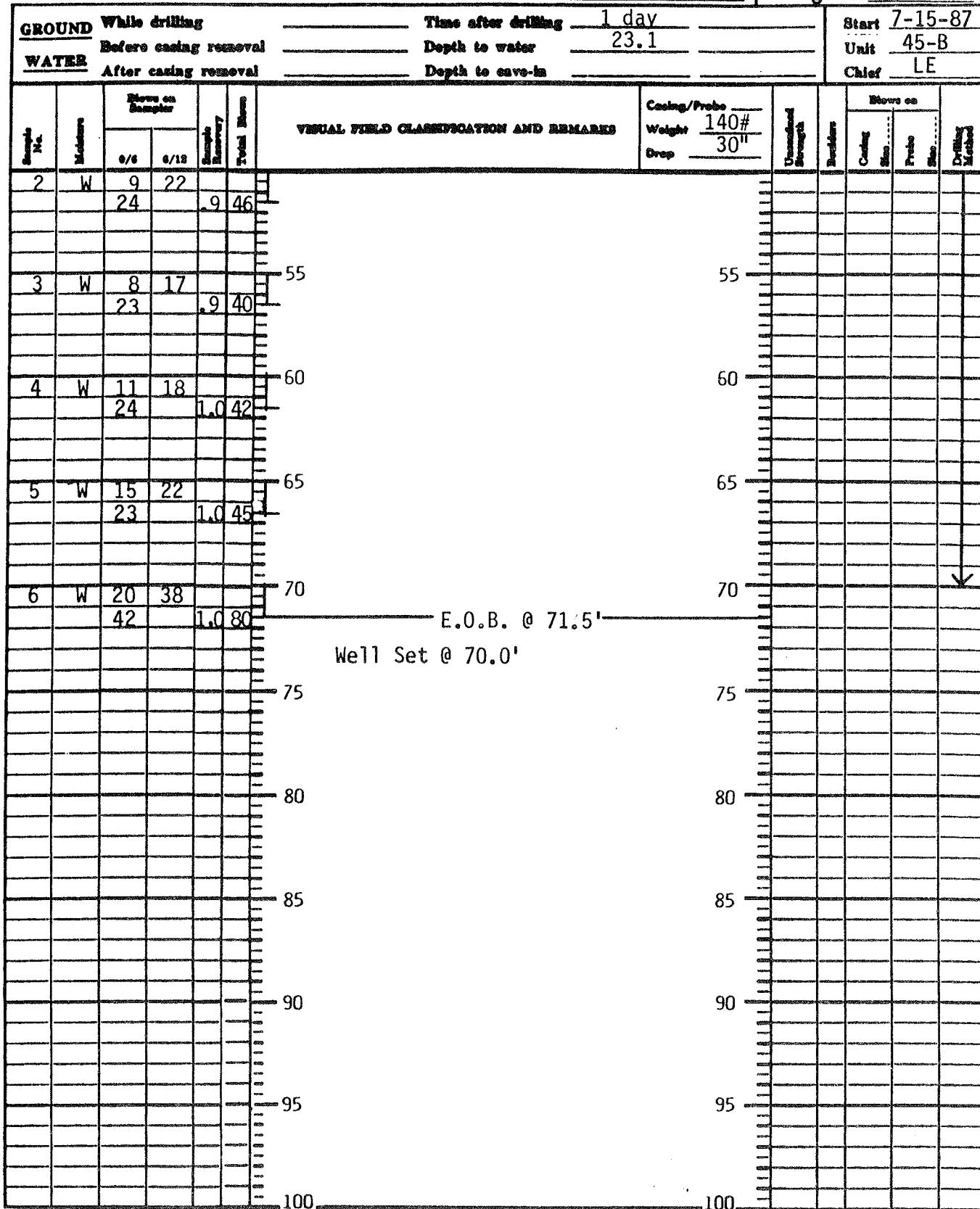
WATER After casing removal

Depth to cave-in

Start 7-15-87

Unit 45-B

Chief LE



WISCONSIN TEST DRILLING, INC.

WI Unique Well No. DM437
DNR Well ID No. 003

FIELD BORING LOG

Sheet 1 of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke

Adams County Landfill

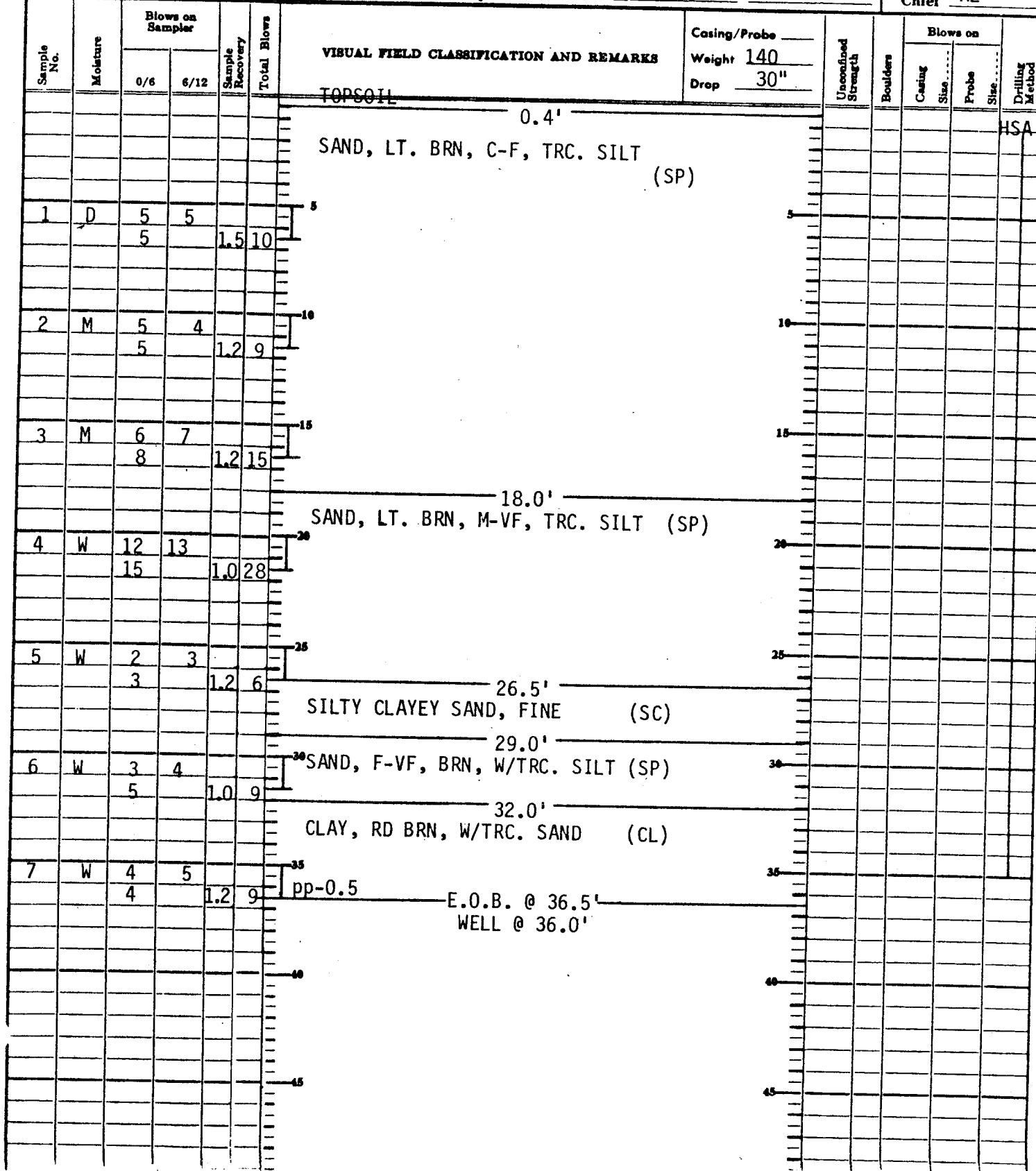
LOCATION Adams County, WI

Elev. 963.80

Job No. 542

Boring No. MW-2

GROUND	While drilling	20.0'	Time after drilling	1/4 hr.	
WATER	Before casing removal	--	Depth to water	20.0'	
	After casing removal	--	Depth to cave-in	--	

Start 6/6/84
Unit 750
Chief RL

FIELD BORING LOG

Sheet 2 of 2

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County Landfill

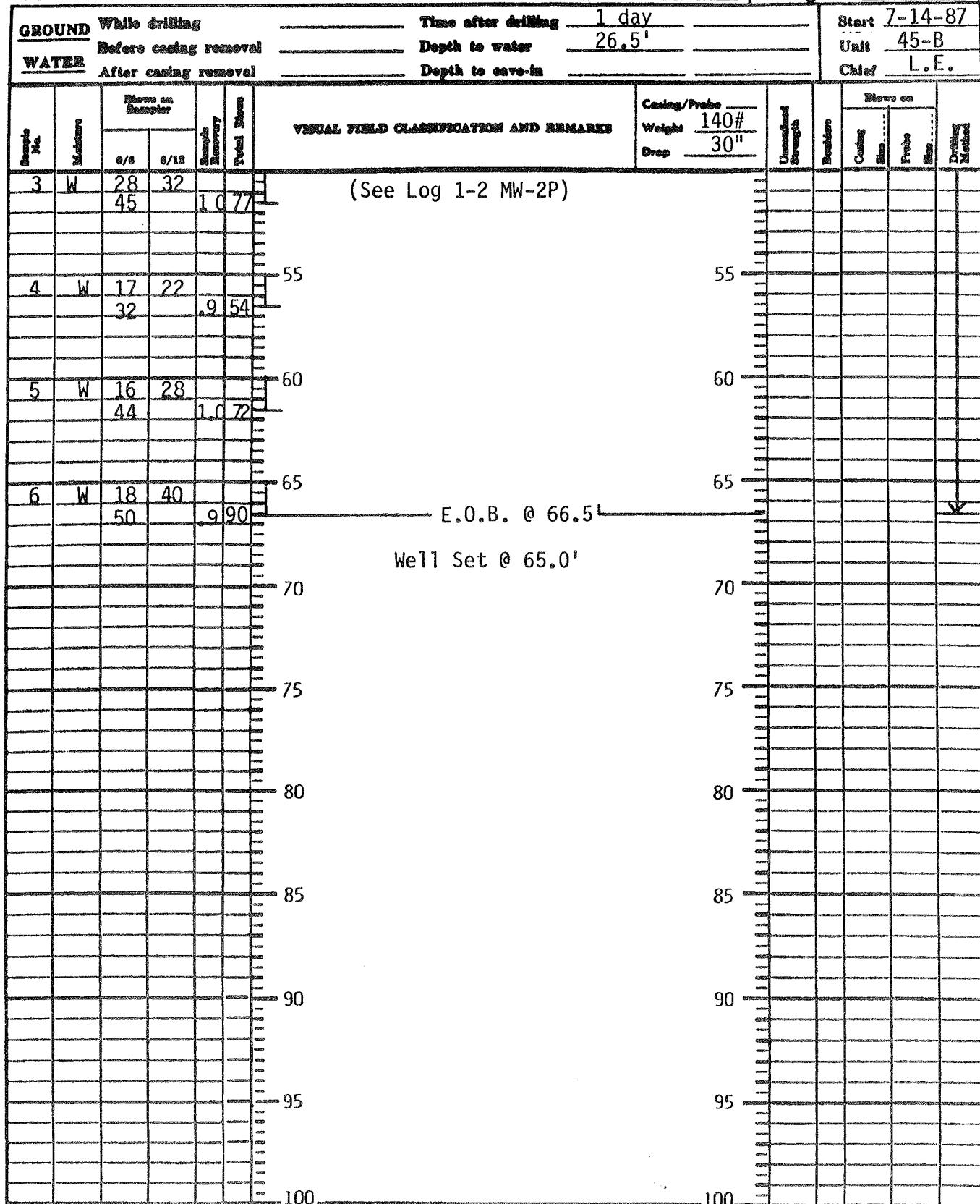
LOCATION

Adams Co., WI

Elev.

Job No. 1084

Boring No. MW-2P



WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke

Adams County Landfill

LOCATION

Adams County, WI

Eleven

962.79

Sheet 1 Of 1

542

GROUND While drilling

Adams County, WI

Eleven

962.79

Boring No MW-3

GROUND While drilling

Time after drilling $\frac{1}{2}$ hr.

Before casting removal

Time after drilling 25 min.

WATER Before casting removal

Depth to water 25.0'

Start 6/6/84

Unit 750

Chief RI

FIELD BORING LOG

Sheet 1 Of 2

SCHOFIELD, WISCONSIN

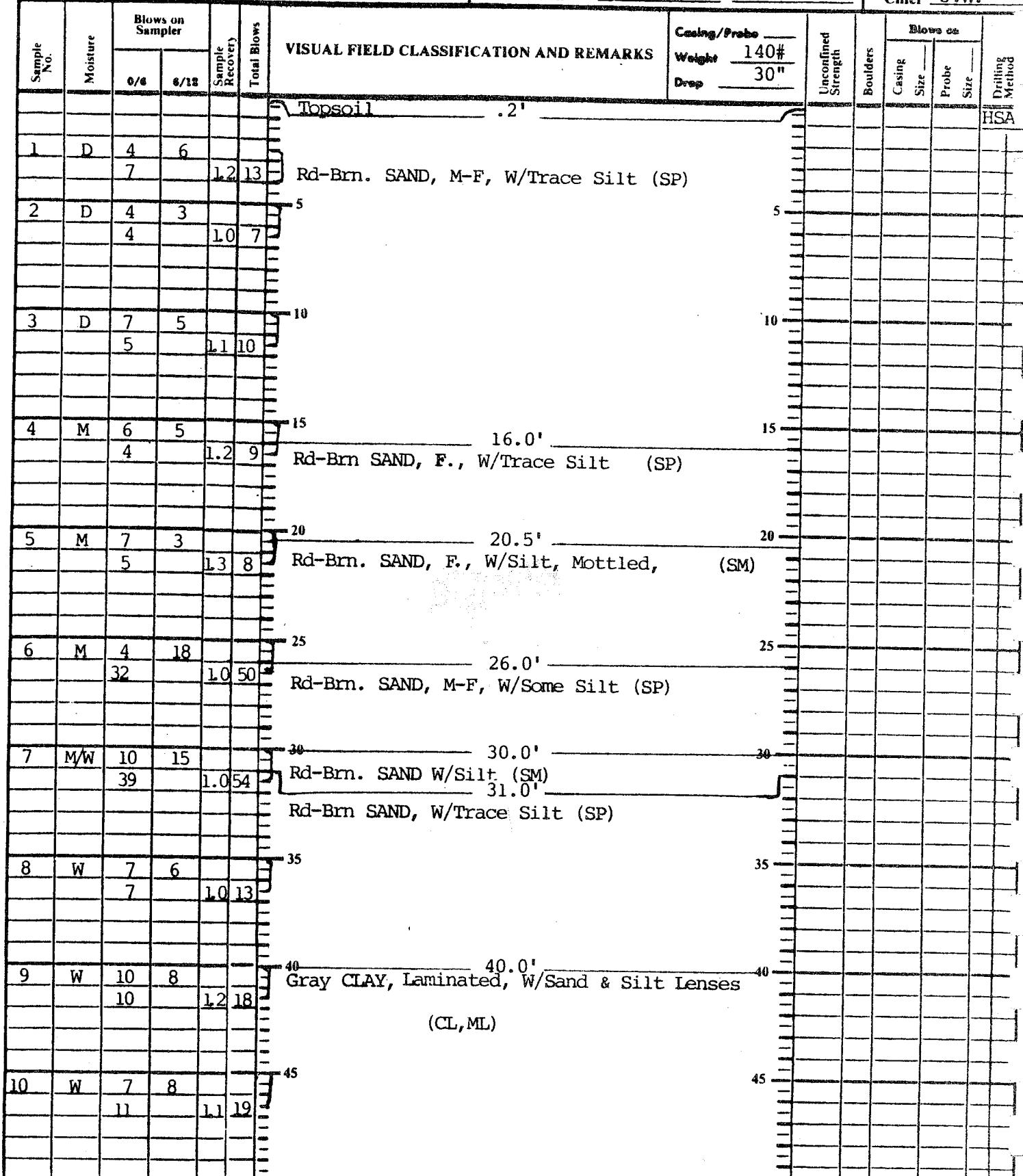
FOR Foth & Van Dyke Adams County Landfill

LOCATION Adams County Elev.

Job No. 875

Boring No. MW-6

GROUND	While drilling	36.0'	Time after drilling	1/4 hr.	Start	6-9-86
WATER	Before casing removal		Depth to water	31.0'	Unit	45-C
	After casing removal		Depth to cave-in	18.4'	Chief	J.W.



WISCONSIN TEST DRILLING, INC.

WI Unique Well No. DM441
DNR Well ID No. 007

FIELD BORING LOG

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke

Adams County Landfill

LOCATION

—Elroy.

Sheet 2 of 2

Job No. 875

Boring No. MW-6

Start 6-9-86
Unit 45-C
Chief J.W.

GROUND While drilling

Time after drilling

WATER **Before casing removal**
 After casing removal

Depth to water

After casing removal

Depth to cave-in

FIELD BORING LOG

Sheet 1 of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke

Adams County Landfill

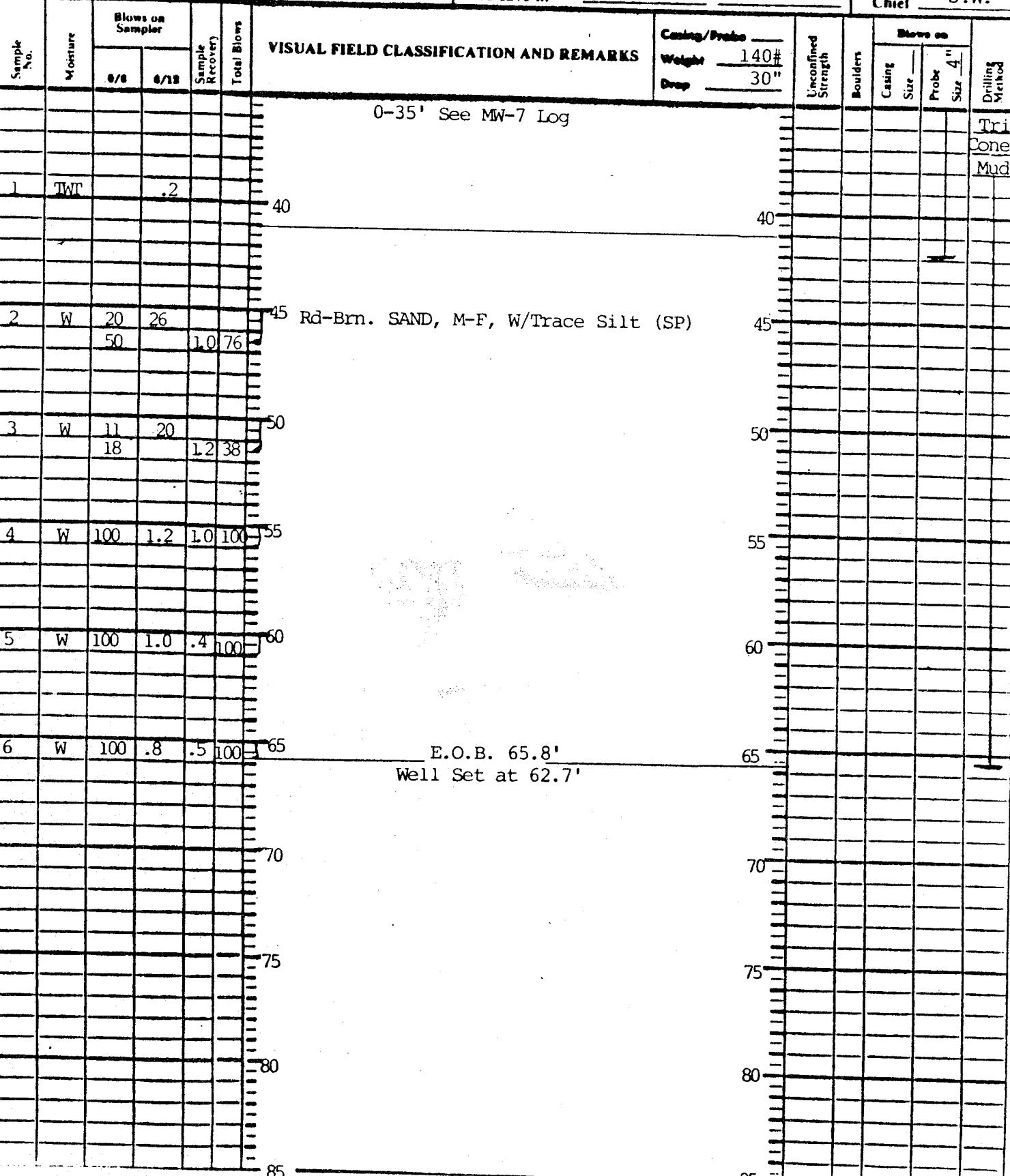
LOCATION Adams County

Elev. 966.06

Job No. 875

Boring No. MW-7P

GROUND	While drilling	Time after drilling	Start	6-10-86
WATER	Before casing removal	Depth to water	Unit	45-C
	After casing removal	Depth to cave-in	Chief	J.W.



FIELD BORING LOG

Sheet 1 of 2

Job No. 875

Boring No. MW-8

SCHOFIELD, WISCONSIN

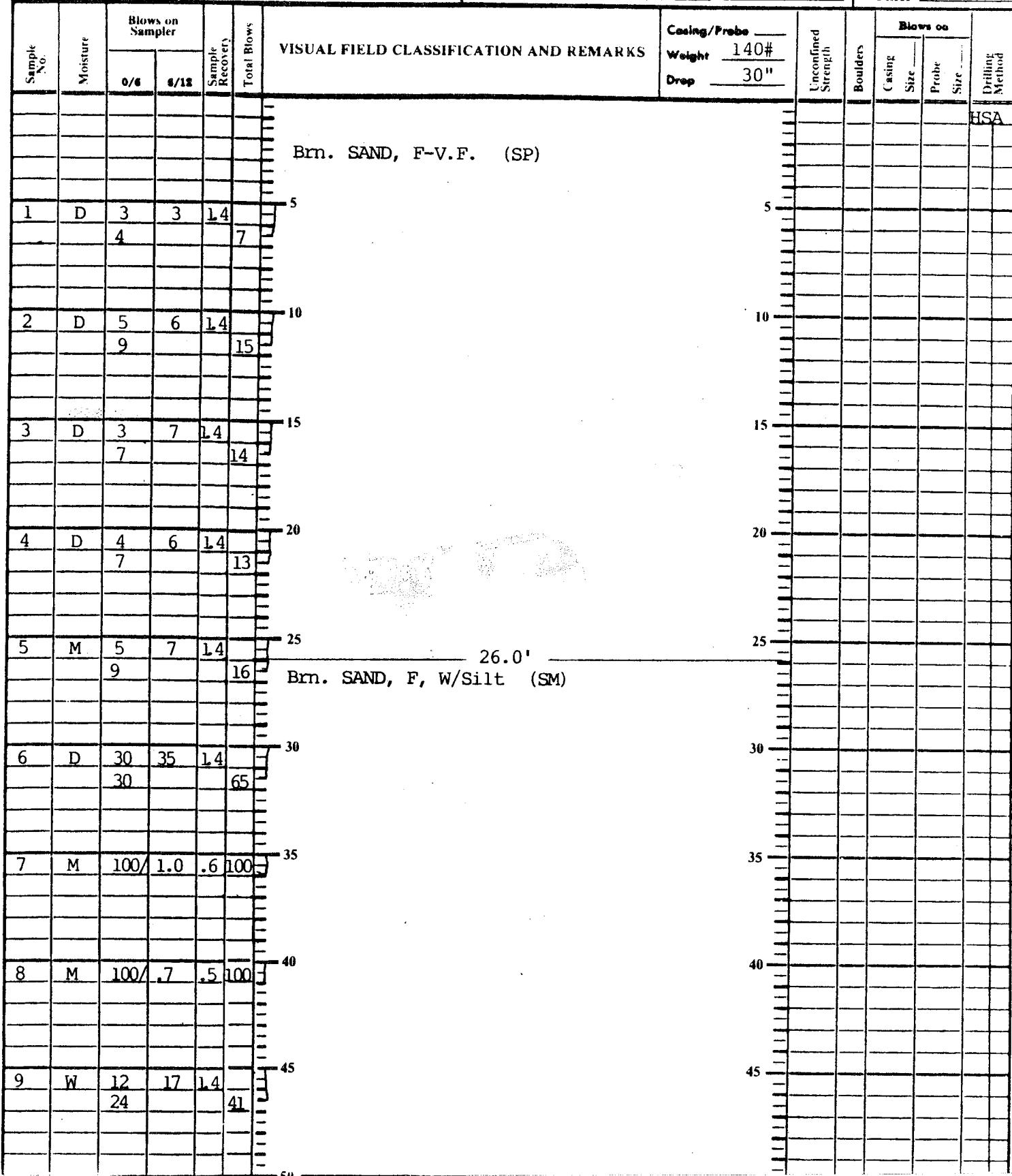
FOR Foth & Van Dyke

Adams County Landfill

LOCATION Adams County - Jensen Property

Elev. 980.98

GROUND	While drilling	44.0'	Time after drilling	1/4 hr.	
WATER	Before casing removal		Depth to water	39.6'	
	After casing removal		Depth to cave-in	--	

 Start 6-12-86
 Unit Bomb
 Chief T.K.


FIELD BORING LOG

Sheet 2 Of 2

SCHOFIELD, WISCONSIN

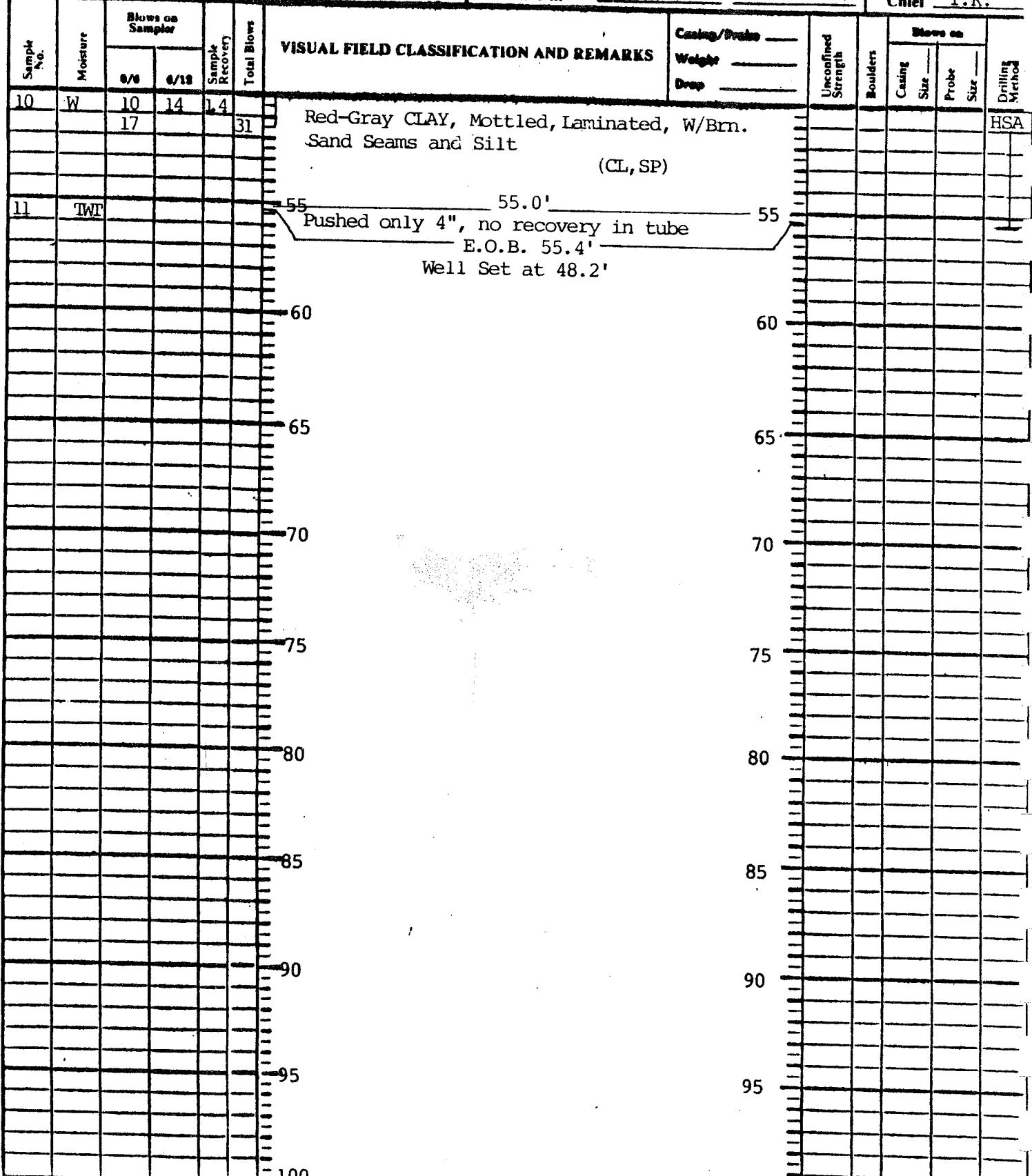
FOR Foth & Van Dyke Adams County Landfill

LOCATION Adams County - Jensen Property Elev.

Job No. 875

Boring No. MW-8

GROUND While drilling		Time after drilling	1 hr.	Start 6-12-86 Unit Bomb Chief T.K.
WATER Before casing removal		Depth to water	39.6'	
WATER After casing removal		Depth to cave-in	None	



WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM447
DNR Well ID No. 013

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

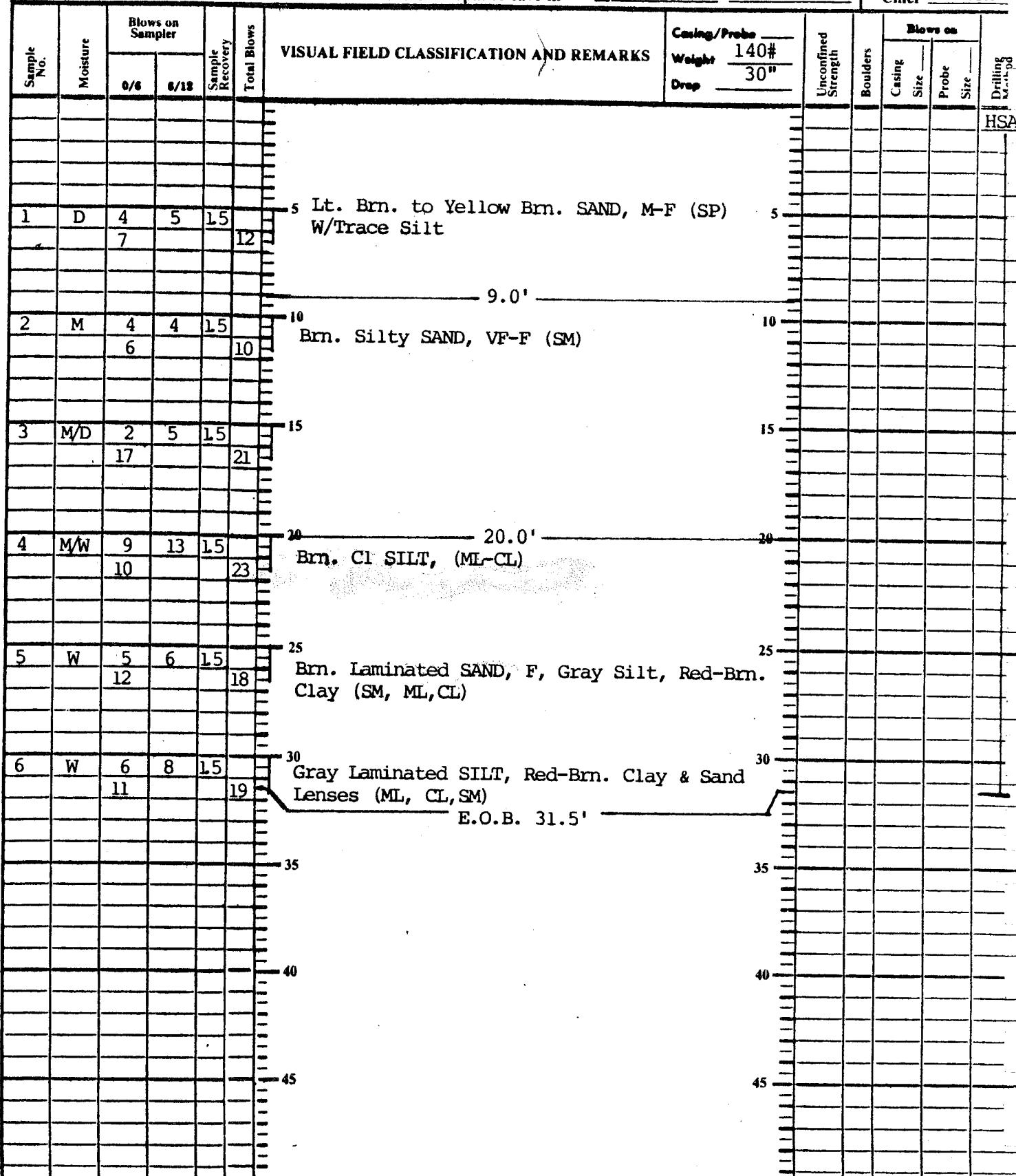
FOR F&VD Adams County

LOCATION Jensen Property Elev.

Job No. 907

Boring No. MW-16

GROUND	While drilling	Time after drilling	1/4 hr.	Start	8-11-86
WATER	Before casing removal	Depth to water	22.0'	Unit	Bomb
	After casing removal	Depth to cave-in		Chief	T.K.



FIELD BORING LOG

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County

LOCATION Jensen Site

Fley.

Job No. 007

907

GROUND	While drilling	42'	Time after drilling	1Hr.		Start	8-11-86
WATER	Before casing removal		Depth to water	37'		Unit	Bomb
	After casing removal		Depth to cave-in			Chief	T. K.

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County Landfill

LOCATION

Adams Co., WI

Elev.

Street _____

DNR Well ID No. 015

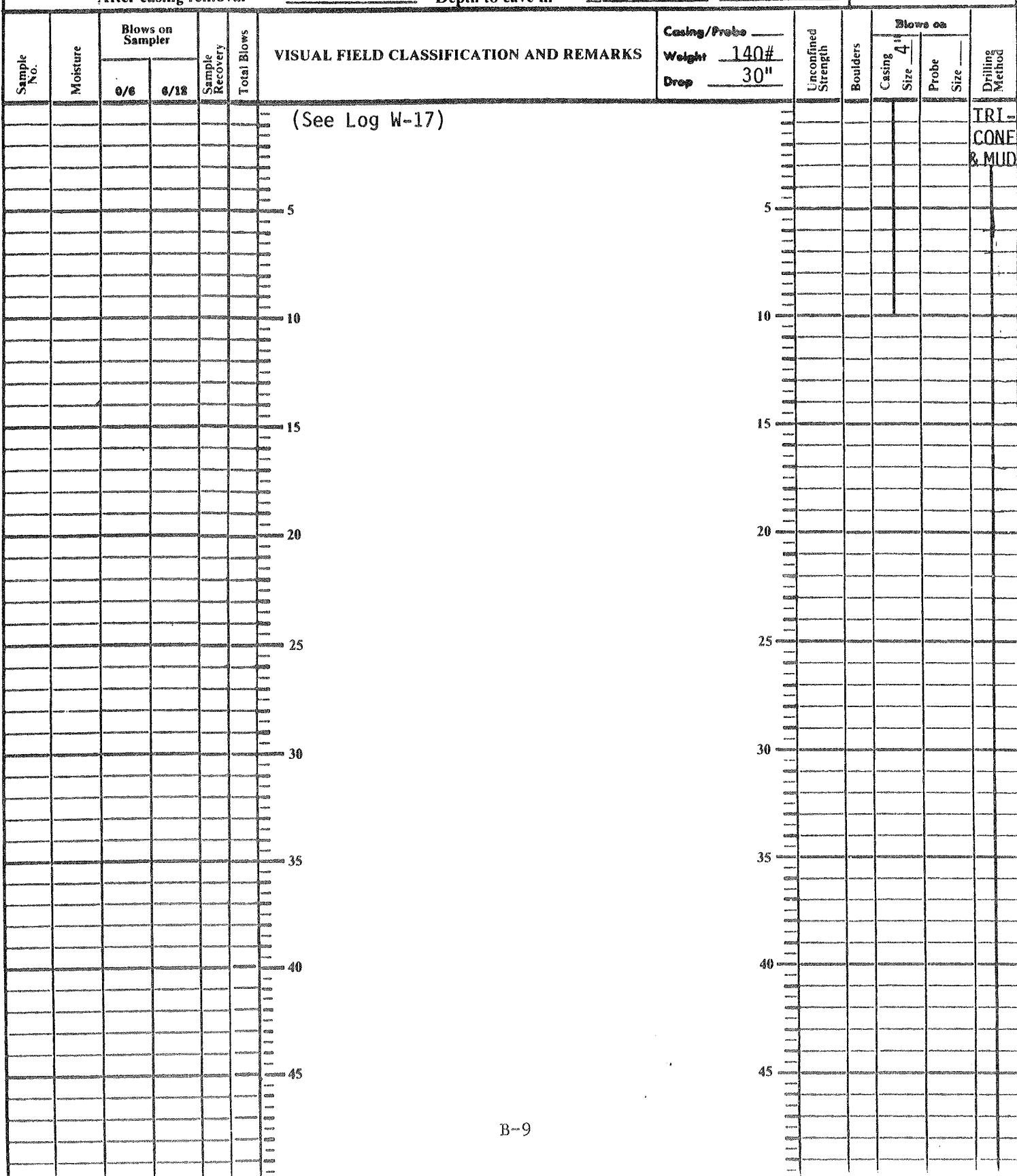
Sheet 1 of 2

Job No. 1084

Boring No. 17-P

GROUND	While drilling	_____	Time after drilling	1 day	_____
WATER	Before casing removal	_____	Depth to water	44.8'	_____
	After casing removal	_____	Depth to cave-in	_____	_____

Start 7-13-87
Unit B-45
Chief L.E.



FIELD BORING LOG

Sheet 2 of 2

SCOFIELD, WISCONSIN

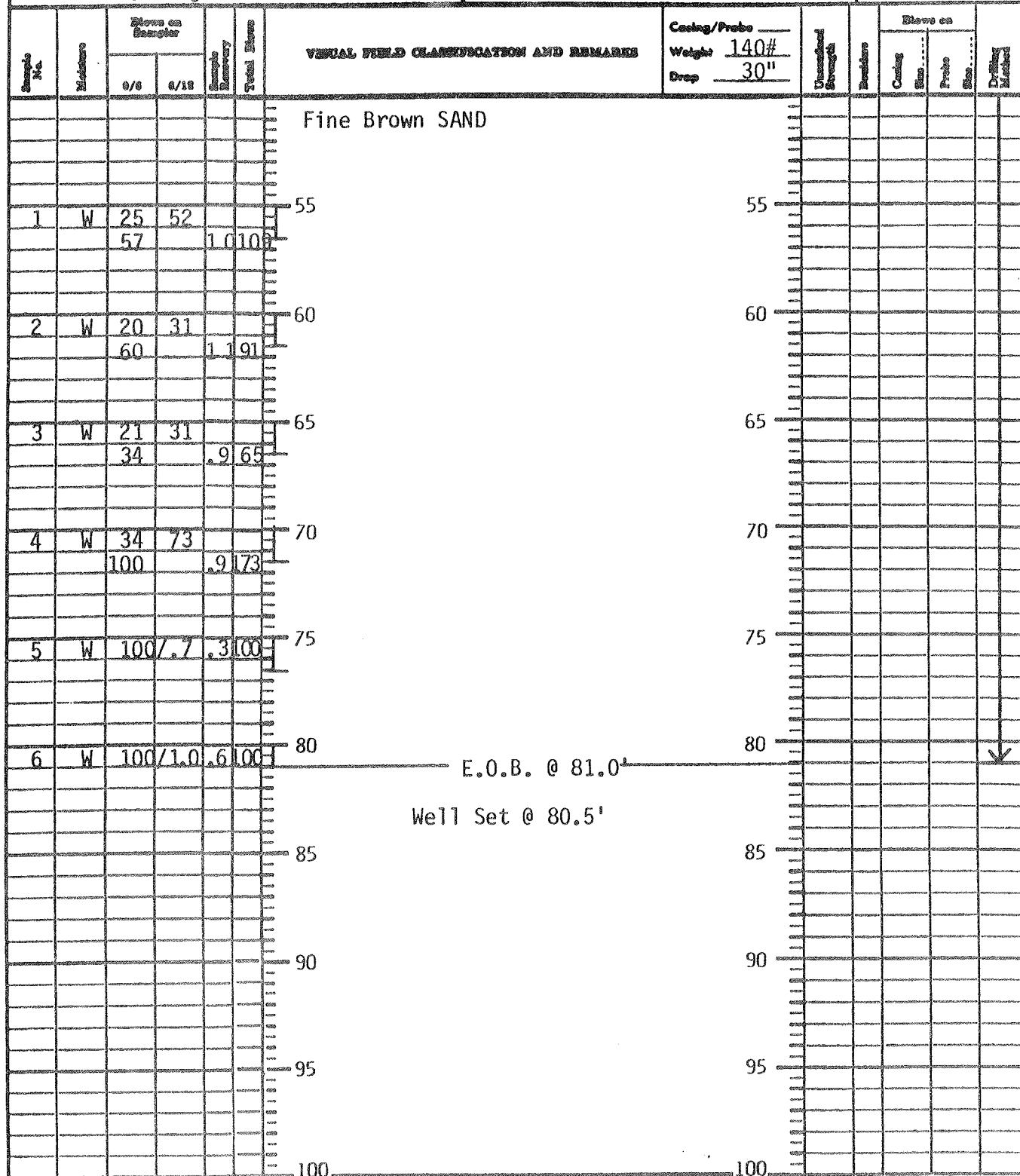
FOR F&VD Adams County Landfill

LOCATION Adams Co., WI Elev.

Job No. 1084

Boring No. MW-17P

GROUND	While drilling	Time after drilling	1 day	Start	7-13-87
	Before casing removal	Depth to water	44.8'	Unit	45-B
WATER	After casing removal	Depth to cave-in		Chief	L.E.



WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM450
DNR Well ID No. 016

Sheet 1 of 1

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County

LOCATION Jensen Property

—Eley.

Job No. 907

Boring No. MW-18

907

GROUND	While drilling	25'	Time after drilling	1 hr.		Start 8-12-86
WATER	Before casing removal		Depth to water	23.7'		Unit Bomb
	After casing removal		Depth to cave-in			Chief T.K.

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM451
DNR Well ID No. 017

Sheet 1 Of 2

SCHOFIELD, WISCONSIN

FOR E&MD

Adams County

LOCATION Jensen Property

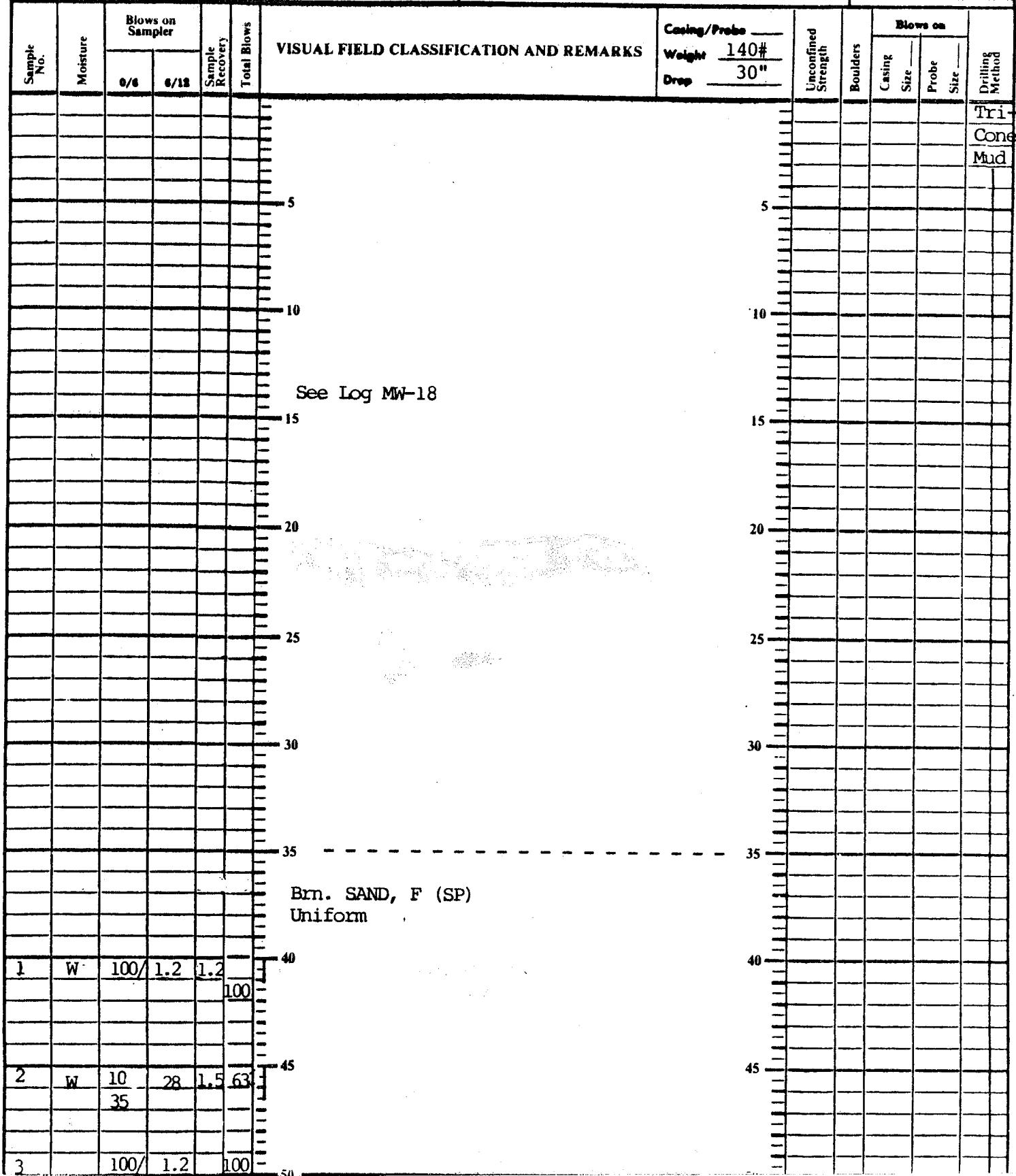
—Elev.

Job No. 907

Boring No. MW-18P

GROUND	While drilling	Time after drilling	Start
WATER	Before casing removal	Depth to water	Unit
	After casing removal	Depth to cave-in	Chief

8-12-86
Bomb
T.K.



WISCONSIN FISH DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM451
DNR Well ID No. 017

Sheet 2 of 2

Job No. 907

Boring No. MW-18P

E&D E&D

Adams County

FUR F&VD

Adams County

LOCATION Jensen Property

-Elev.-

WISCONSIN TEST DRILLING, INC.

FIELD BORING LOG

WI Unique Well No. DM452
DNR Well ID No. 018

Sheet 1 of 1

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County Landfill

LOCATION

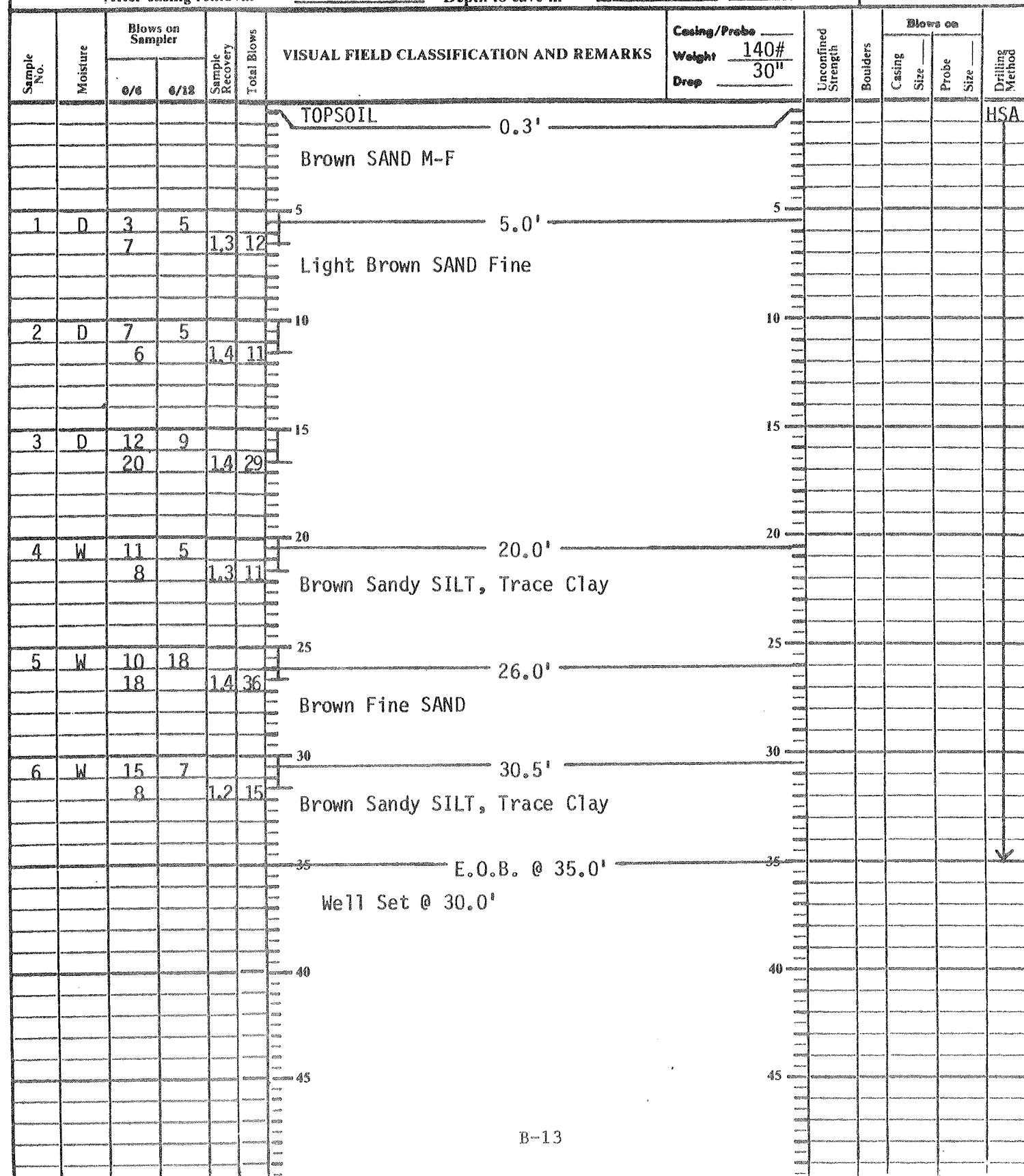
Adams County, WI

Elev.

Job No. 1084

Boring No. MW-19

GROUND	While drilling	Time after drilling	1 day	Start 7-15-87
WATER	Before casing removal	Depth to water	22.5	Unit 45-B
	After casing removal	Depth to cave-in		Chief L.E.



FIELD BORING LOG

Sheet 2 of 2

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County Landfill

LOCATION

Adams Co., WI

Elev.

Job No. 1084

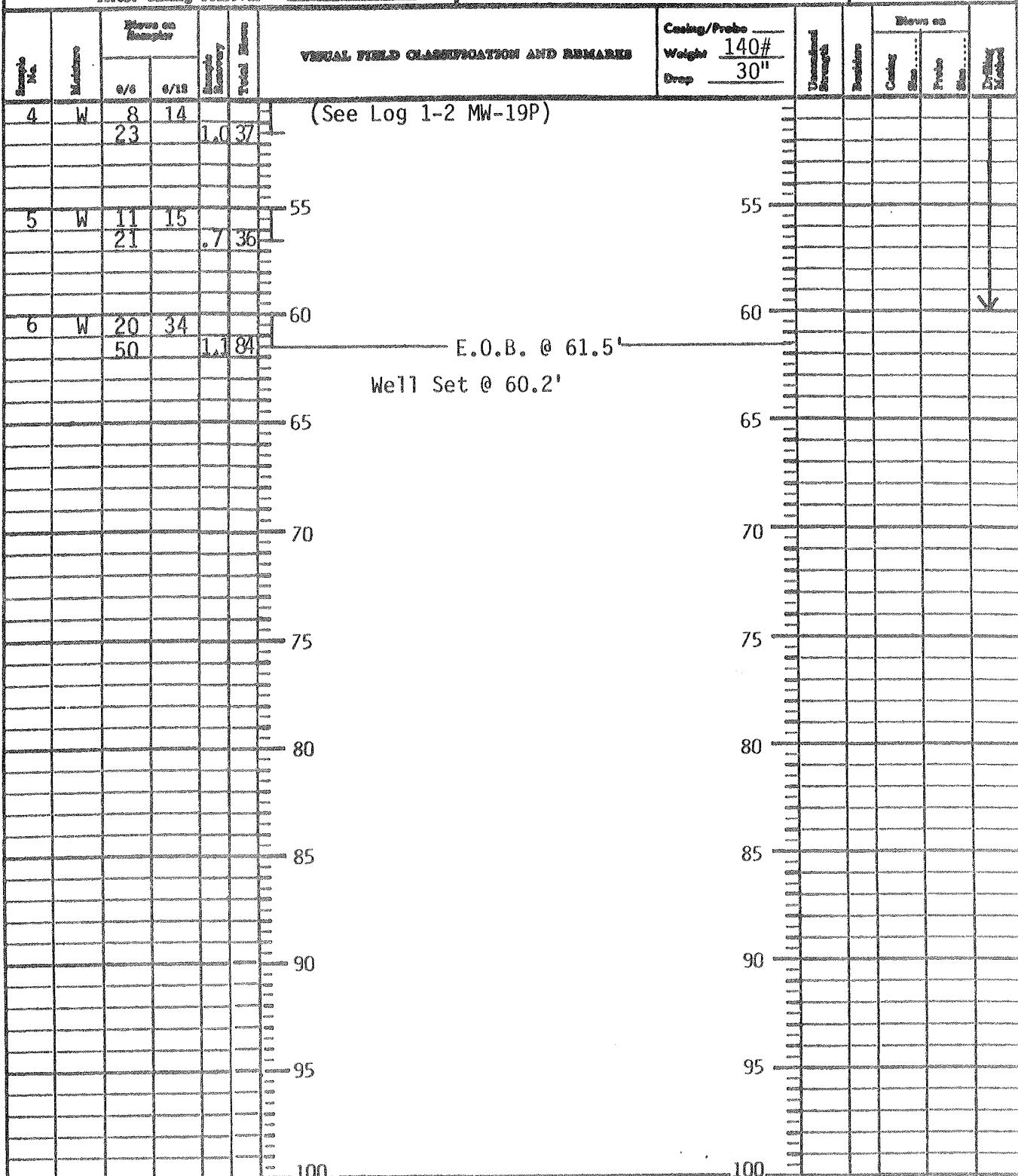
Boring No. MW-19P

GROUND	White drilling	Time after drilling	1 day
	Before casing removal	Depth to water	28.8'
WATER	After casing removal	Depth to cave-in	

Start 7-15-87

Unit 45-B

Chief L. L.



LOG OF TEST BORING NO.: MW-20

CLIENT: ADAMS COUNTY
 PROJECT: ADAMS COUNTY DEMO LANDFILL
 PROJECT NUMBER: 89A18
 LOCATION: 114+55N 105+80E

SURFACE ELEVATION: 969.44

BORING DEPTH: 40.5'

DATE: 3/8/89

MSL ELEV	DEPTH FR LND SURF	SAMP DEPTH INTERVAL	TYPE	#	N	REC (ft)	DESCRIPTION OF MATERIAL	CLASS	LABORATORY TESTS	DRILLING AND SAMPLING NOTES
969.44	-- 0									
	-	2.5-4	SS	1	11	1.5	SAND, well rnd., clean, non plastic, (10YR 6/4)	SP		
964.44	-- 5	5-6.5	SS	2	12	1.5	Same as above	SP		
	-									
959.44	-- 10	10-11.5	SS	3	15	1.5	Same as above	SP		
	-									
954.44	-- 15	15-16.5	SS	4	11	1.5	Clayey SILT, plastic, traces of plant matter (stem or root), (10YR 5/4)	MH		
	-									
949.44	-- 20	20-21.5	SS	5	76	1.5	Very fine SAND with silt sized particles, non plastic, (10YR 7/3)	SM		
	-									
944.44	-- 25	25-26.5	SS	6	76	1.5	Same as above	SM		
	-									
939.44	-- 30	30-31.5	SS	7	82	1.5	Clayey SILT, plastic, moist, bottom 3 inches of split spoon is non clayish, (10YR 5/3)	MH		
	-									
934.44	-- 35	35-36.5	SS	8	46	1.5	Top 1-foot of split spoon is SILT (same as above). Bottom 6 inches is a varved CLAY, varved colors of (10YR 5/3) & (10YR 4/6)	ML		
	-									
929.44	-- 40	39-40.5	SS	9	56	1.5	Varved CLAY, (10YR 5/3) & (5YR 4/6)	CL		
	-									
							EOB 40.5'			
924.44	-- 45									
	-									
919.44	-- 50									
	-									
914.44	-- 55									

DRILLING DATA

START DATE: 2/23/89
 COMPLETION DATE: 2/23/89
 LOGGED BY: LDA
 DRILLING METHOD: 4 1/4" I.D. HSA
 DRILLING CONTRACTOR: Wisconsin Test Drilling, Inc. (P.D.)

WATER LEVEL INFORMATION

DEPTH AT COMPLETION:
 LATER TIME/DEPTH:
 LATER TIME/DEPTH:
 CAVE IN DEPTH:
 DRILLING LOSSES:

LOG OF TEST BORING NO.: MW-21								SURFACE ELEVATION: 964.81		
CLIENT: ADAMS COUNTY PROJECT: ADAMS COUNTY DEMO LANDFILL PROJECT NUMBER: 89A18 LOCATION: 116+30N 105+70E								BORING DEPTH: 33.5' DATE: 3/8/89		
MSL ELEV	DEPTH FR LND SURF	SAMP DEPTH INTERVAL	TYPE	#	N	REC (ft)	DESCRIPTION OF MATERIAL	CLASS	LABORATORY TESTS	DRILLING AND SAMPLING NOTES
964.81	--0									
	-	2.5-4	SS	1	15	1.5	Fine SAND, well rnd., clean, non plastic, trace of plant stem or root, (10YR 6/4)			
959.81	--5	5-6.5	SS	2	10	1.5	Same as above	SP		
	-									
954.81	--10	10-11.5	SS	3	12	1.5	SILT, non plastic, trace of plant matter, (10YR 4/4); Top 6" of split spoon is same as sample 1&2	----		
	-							ML		
949.81	--15	15-16.5	SS	4	100	1.4	SILT, non plastic, color has become more yellow, (10YR 6/4)	ML		
	-									
944.81	--20	20-21.5	SS	5	80	1.5	SILT to a very fine SAND, non plastic, top 0.8' of split spoon (10YR 4/4); Bottom 0.7' of split spoon is (10YR 6/4)	ML/ SM		
	-									
939.81	--25	25-26.5	SS	6	49	1.5	SILT, very moist, non plastic, (10YR 5/3); Bottom 4" has thin organic layers, non plastic, not as moist as above silt, (10YR 6/3)	ML		Samples became saturated at 25.5'
	-									
934.81	--30	30-31.5	SS	7	24	1.5	Clayey SILT at top of split spoon sample turns to a varved CLAY, (10YR 5/3)	MH CL		
	-									
929.81	--35						EOB 33.5'			
	-									
924.81	--40									
	-									
919.81	--45									
	-									
914.81	--50									
	-									
909.81	--55									
DRILLING DATA								WATER LEVEL INFORMATION		
START DATE: 2/23/89 COMPLETION DATE: 2/23/89 LOGGED BY: LDA DRILLING METHOD: 4 1/4" I.D. HSA DRILLING CONTRACTOR: Wisconsin Test Drilling, Inc. (P.D.)								DEPTH AT COMPLETION: LATER TIME/DEPTH: LATER TIME/DEPTH: CAVE IN DEPTH: DRILLING LOSSES:		

LOG OF TEST BORING NO.: MW-22									SURFACE ELEVATION: 963.85		
CLIENT: ADAMS COUNTY PROJECT: ADAMS COUNTY DEMO LANDFILL PROJECT NUMBER: 89A18 LOCATION: 116+50N 104+15E									BORING DEPTH: 36.5 DATE: 3/8/89		
MSL ELEV	DEPTH FR LND SURF	SAMP DEPTH INTERVAL	TYPE	#	N	REC (ft)	DESCRIPTION OF MATERIAL	CLASS	LABORATORY TESTS	DRILLING AND SAMPLING NOTES	
963.85	--0										
	-										
	-	2.5-4	SS	1	12	1.5	SAND, fine grained, well rnd., clean, non plastic, live roots found in split spoon, (10YR 6/4)	SP			
958.85	--5	5-6.5	SS	2	10	1.5	Same as above	SP			
	-										
	-										
953.85	--10	10-11.5	SS	3	15	1.3	Same as above except color has become more brown, (10YR 6/3)	SP		Split spoon had 1/2"-diameter live root, 5" long	
	-										
	-										
948.85	--15	15-16.5	SS	4	14	1.2	SAND, fine grained with some fine sand to silt sized particles, non plastic, (10YR 6/3)	SM		More live roots found in split spoon	
	-										
	-										
943.85	--20	20-21.5	SS	5	25	1.5	Very fine SAND, many silt sized particles, non plastic, top 1", (10YR 7/3); Silty CLAY, bottom 6", plastic, very moist, (10YR 5/4)	SM			
	-										
	-										
938.85	--25	25-26.5	SS	6	16	1.5	Silty CLAY, plastic, very moist, 2 different colored layers, (10YR 5/4) & (5YR 4/4)	CL		(5YR 4/4) layers upto 1/4" thick; (10YR 5/4) upto 2-3" thick	
	-										
	-										
933.85	--30	30-31.5	SS	7	24	1.5	Varved CLAY with some silt to med. sand layers upto 1" thick. Silt & sand layers are generally clean & non plastic, color of varved clay is (10YR 5/4) & (5YR 4/4)	CL			
	-										
	-										
928.85	--35	35-36.5	SS	8	100	1.1	Varved CLAY, (10YR 5/4)&(5YR 4/4): Bottom 3" of split spoon is a med. grained, well rnd sand, like that in sample 7 above, color of sand (10YR 6/4)	CL			
	-										
	-										
923.85	--40						EOB 36.5'				
	-										
	-										
918.85	--45										
	-										
	-										
913.85	--50										
	-										
	-										
908.85	--55										
DRILLING DATA									WATER LEVEL INFORMATION		
START DATE: 2/24/89 COMPLETION DATE: 2/24/89 LOGGED BY: LDA DRILLING METHOD: 4 1/4" I.D. HSA DRILLING CONTRACTOR: Wisconsin Test Drilling, Inc. (P.D.)									DEPTH AT COMPLETION: LATER TIME/DEPTH: LATER TIME/DEPTH: CAVE IN DEPTH: DRILLING LOSSES:		

Facility/Project Name Adams County Landfill- Recycling Facility			License/Permit/Monitoring Number 3150		Boring Number MW-25											
Boring Drilled By (Firm name and name of crew chief) WTD/Longyear			Date Drilling Started 09/14/90	Date Drilling Completed 09/14/90	Drilling Method 4 1/4 I.D. HSA											
DNR Facility Well No. 045	WI Unique Well No. GN076	Common Well Name MW-25	Final Static Water Level 934.0 Feet MSL	Surface Elevation 962.2 Feet MSL	Borehole Diameter 8.5 Inches											
Boring Location State Plane 1/4 of NE 1/4 of Section 13 T 18 N, R 5			Lat 0° 1' 0"	Local Grid Location (If applicable) N <input checked="" type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>												
County Adams			DNR County Code 01	Civil Town/City/ or Village Strong Prairie												
Sample	Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit			U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties				RQD/Comments
1		18	6 8 10	2.5	Light Brown Fine SAND			SP				18	M			
2		18	5 6 12	5.0								18	M			
3		18	15 7 8	7.5								15	M			
4		18	25 18 26	10.0	Red brown CLAYEY SILT light brown fine sand seam at 15.5 to 16.5 ft.			ML				44	M			
5		18	34 21 24	12.5								45	M			
6		18	16 13 14	15.0	Light brown fine SILTY SAND Red Brown CLAYEY SILT			SM ML				27	M/W			
				20.0												
				22.5												
				25.0												
				27.5												
				30.0												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

Firm

Mid-State Associates, Inc.

1230 South Boulevard Baraboo, WI 53913

Tel: (608) 356 2771 Fax: (608) 356 2770

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Boring Number		MW-25		Use only as an attachment to Form 4400-122.			Page 2 of 2								
Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit			U S C S	Graphic Log	Well Diagram	Soil Properties				RQD/ Comments	
Number	Length (in) Recovered									PID/FID	Standard Penetration	Moisture Content	Liquid Limit		Plastic Limit
7	18	12 14 17	32.5							31	W				
8	18	19 35 43	35.0 37.5 40.0 42.5 45.0 47.5 50.0 52.5 55.0 57.5 60.0 62.5 65.0 67.5 70.0 72.5 75.0 77.5 80.0	End of boring at 36.5 ft.						78	W				

Facility/Project Name Adams County Landfill- Recycling Facility			License/Permit/Monitoring Number 3150		Boring Number MW-26									
Boring Drilled By (Firm name and name of crew chief) WTD/Longyear			Date Drilling Started 09/17/90	Date Drilling Completed 09/17/90	Drilling Method 4 1/4 I.D. HSA									
DNR Facility Well No. 046	WI Unique Well No. GN077	Common Well Name MW-26	Final Static Water Level 934.0 Feet MSL	Surface Elevation 960.0 Feet MSL	Borehole Diameter 8.5 Inches									
Boring Location State Plane 1/4 of NE 1/4 of Section 13 T 18 N, R 5			Lat 0° 0' 0"	Long 0° 0' 0"	Local Grid Location (If applicable) N <input checked="" type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>									
County Adams			DNR County Code 01	Civil Town/City/ or Village Strong Prairie										
Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit		U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties				RQD/ Comments
				Standard Penetration	Moisture Content					Liquid Limit	Plastic Limit	P 200		
1	18	5 6 7	2.5	Light Brown Fine SILTY SAND		SM				13	M			
2	18	5 7 9	5.0			ML				16	M			
3	18	11 17 18	7.5			ML				35	M			
4	18	25 38 42	10.0	Red brown CLAYEY SILT		ML				80	M			
4	18	25 38 42	12.5			ML				80	M			
5	18	32 29 29	15.0	Light Brown SILT		CL SP ML				58	M/W			
5	18	32 29 29	17.5	3" CLAY seam		CL SP ML				58	M/W			
5	18	32 29 29	20.0	Light Brown Fine SAND		CL SP ML				58	M/W			
5	18	32 29 29	22.5	Light Brown SILT		CL SP ML				58	M/W			
6	18	8 10 9	25.0	Light Brown Silty CLAY		CL				19	W			
6	18	8 10 9	27.5			CL				19	W			
6	18	8 10 9	30.0			CL				19	W			

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

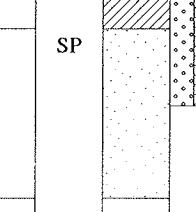
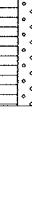
Firm

Mid-State Associates, Inc.

1230 South Boulevard Baraboo, WI 53913

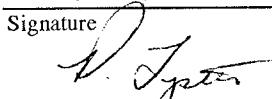
Tel: (608) 356 2771 Fax: (608) 356 2770

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Boring Number		MW-26		Use only as an attachment to Form 4400-122.				Page 2 of 2							
Sample								Soil Properties				RQD/ Comments			
Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit		U S C S	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
7	18	18 28 61	18.00 32.5 35.0 37.5 40.0 42.5 45.0 47.5 50.0 52.5 55.0 57.5 60.0 62.5 65.0 67.5 70.0 72.5 75.0 77.5 80.0	Light Brown Fine SAND		SP					89	W			
8	18	9 17 28	35.0 37.5 40.0 42.5 45.0 47.5 50.0 52.5 55.0 57.5 60.0 62.5 65.0 67.5 70.0 72.5 75.0 77.5 80.0	End of boring at 36.5 ft.							45	W			

Facility/Project Name Adams County Landfill- Recycling Facility			License/Permit/Monitoring Number 3150		Boring Number MW-27											
Boring Drilled By (Firm name and name of crew chief) WTD/Longyear			Date Drilling Started 09/13/90	Date Drilling Completed 09/13/90	Drilling Method 4 1/4 I.D. HSA											
DNR Facility Well No. 047	WI Unique Well No. GN078	Common Well Name MW-27	Final Static Water Level 934.0 Feet MSL	Surface Elevation 977.0 Feet MSL	Borehole Diameter 8.5 Inches											
Boring Location State Plane 1/4 of NE 1/4 of Section 13 T 18 N, R 5			Lat 0° 1' "	Long 0° 1' "	Local Grid Location (If applicable) N <input checked="" type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>											
County Adams			DNR County Code 01	Civil Town/City/ or Village Strong Prairie												
Sample	Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit		U S C S	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
1		24	5 6 7 7	2.5 5.0 7.5 10.0 12.5 15.0 17.5 20.0	Light Brown Fine SAND		SP				13	M				
2		24	5 7 7 9	10.0 12.5 15.0 17.5 20.0 22.5	Light Brown Fine SILTY SAND with organics		SM				14	M				
3		18	4 7 10	10.0 12.5 15.0 17.5 20.0 22.5 25.0 27.5 30.0	Red Brown CLAYEY SILT		ML				17	M				

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature


Firm **Mid-State Associates, Inc.**
1230 South Boulevard Baraboo, WI 53913
Tel: (608) 356 2771 Fax: (608) 356 2770

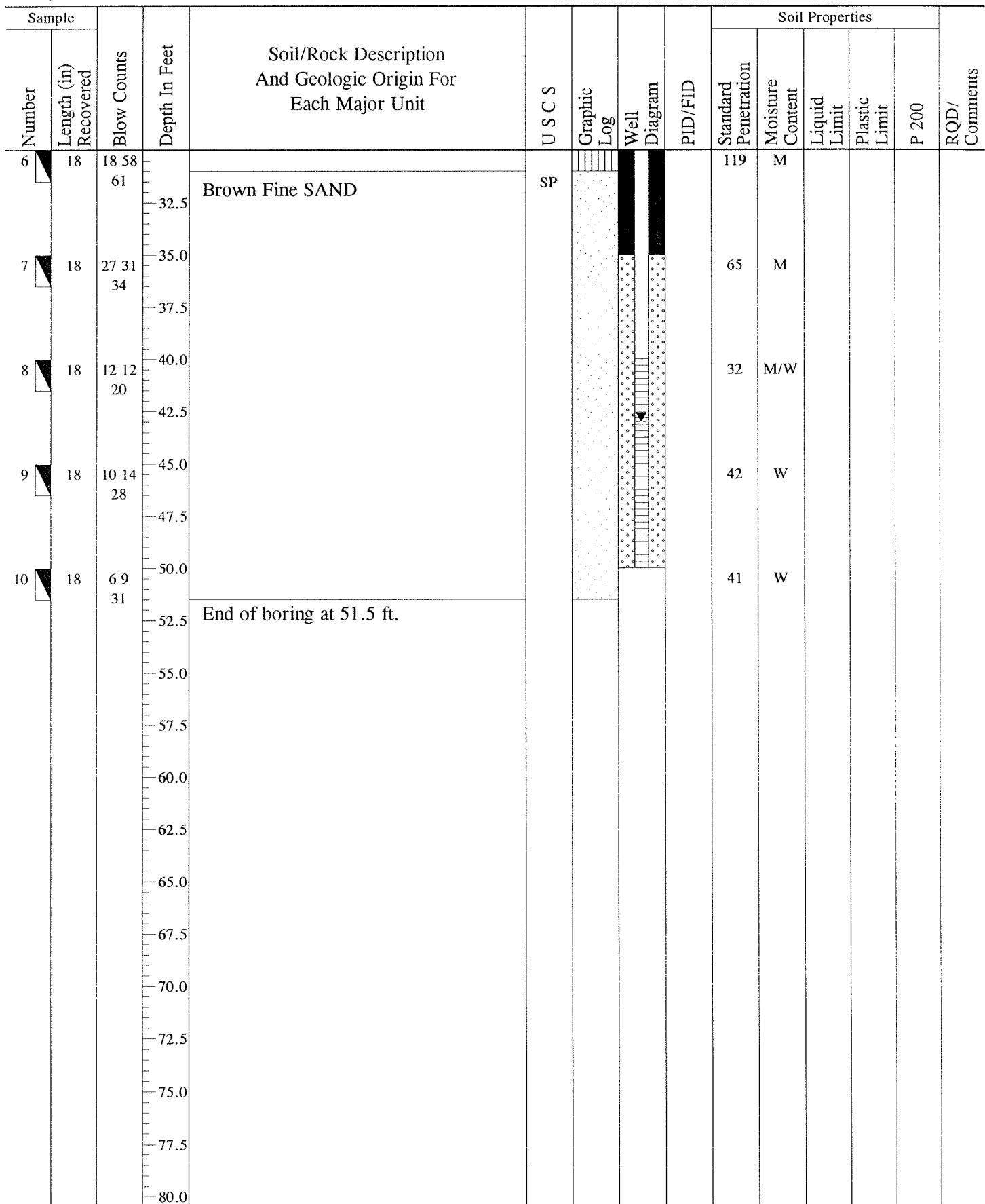
MSA

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Boring Number **MW-27**

Use only as an attachment to Form 4400-122.

Page 2 of 2



Facility/Project Name Adams County Landfill- Recycling Facility			License/Permit/Monitoring Number 3150		Boring Number MW-28									
Boring Drilled By (Firm name and name of crew chief) WTD/Longyear			Date Drilling Started 09/15/90	Date Drilling Completed 09/15/90	Drilling Method 4 1/4 I.D. HSA									
DNR Facility Well No. 048	WI Unique Well No. GN079	Common Well Name MW-28	Final Static Water Level 934.2 Feet MSL	Surface Elevation 971.2 Feet MSL	Borehole Diameter 8.5 Inches									
Boring Location State Plane 1/4 of NE 1/4 of Section 13 T 18 N, R 5			Lat 0° 11' 00"	Local Grid Location (If applicable) N <input checked="" type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>										
County Adams			DNR County Code 01	Civil Town/City/ or Village Strong's Prairie										
Number	Sample	Soil/Rock Description And Geologic Origin For Each Major Unit			U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties				P 200	RQD/ Comments
		Length (in) Recovered	Blow Counts	Depth In Feet					Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit		
1	14	4 5 5 7	2.5	Light Brown Fine SAND			SP		10	M				
2	18	3 3 5 7	5.0						8	M				
3	14	4 5 7	7.5						12	M				
4	18	13 24 20	10.0						44	M				
5	18	10 12 11	12.5						23	W				
6	18	10 18 40	15.0	Red Brown SILT			ML							
			17.5											
			20.0											
			22.5	Red Brown Clayey Silt seam at 25 to 26.5 ft										
			25.0											
			27.5											
			30.0											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

Firm

Mid-State Associates, Inc.

1230 South Boulevard Baraboo, WI 53913

Tel: (608) 356 2771 Fax: (608) 356 2770

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Boring Number MW-28

Use only as an attachment to Form 4400-122.

Page 2 of 2

7-91

Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
Other ..

Page 1 of 2

Facility/Project Name Adams County Landfill			License/Permit/Monitoring Number 3150			Boring Number MW-29							
Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Joe Last Name: Black Firm: PSI			Date Drilling Started 11/19/2015 M/D		Date Drilling Completed 11/20/2015 M/D/Y		Drilling Method 4 1/2 " HSA						
WI Unique Well No. VP 147	DNR Well Id No. 049	Well Name MW-29	Final Static Water Level 939.73'		Surface Elevation 961.73		Borehole Dia. 8 "						
Local Grid Origin " (estimated: ") or Boring Location " State Plane 742169.151 N, 2010739.562 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E			Lat. <u> </u> ° <u> </u> ' <u> </u> "	Local Grid Location (If applicable) " N " E		Long. <u> </u> ° <u> </u> ' <u> </u> "	Feet	S Feet	W				
Facility Id. 701040560		County Adams	County Code 01		Civil Town/City or Village Town of Strong Prairie								
SAMPLE		Blow Counts	Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT		USCS	Graphic Log	Well Diagram	SOIL PROPERTIES				RQD/Comments
Number and Type	Length Att. & Recovered (in)			Compressive Strength	Moisture Content				Liquid Limit	Plasticity Index	P 200		
1 SS	<u>24</u> 18	1 1 2 3	-1 -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12	6 " Black sand w/organics (topsoil) SAND with SILT (SM); loose; dark brown (7.5YR 3/4); moist; medium SAND reddish yellow (7.5 YR 6/8); fine SAND light brown (7.5 YR 6/4) with some thin silt layers	OL SM				M			Lacustrine	
2 SS	<u>24</u> 18	4 5 5 7	-13 -14 -15 -16 -17 -18 -19 -20	SILT (ML) with SAND; brown (7.5 YR 5/4); moist; fine SAND	ML				M			Lacustrine	
3 SS	<u>24</u> 20	3 4 4 5	-21 -22	SAND with SILT (SM); dense; light brown (7.5 YR 5/4); moist; fine SAND	SM				M			Lacustrine	
4 SS	<u>24</u> 20	3 4 5 8	-23 -24 -25		ML				M			Lacustrine	
5 SS	<u>24</u> 20	6 12 9 11	-21 -22		SM			GW Elevation 939.73' 11/20/2015	M	W		Lacustrine	
		3	-		ML				W			Lacustrine	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

William Honea, Nicole Bader

Firm

AYRES ASSOCIATES

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SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

MW-29 cont.

Page 2 of 2

SAMPLE		DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES				RDQ/ comment		
NUMBER	LENGTH RECOV- ERED (IN)			USCS	GRAPHIC LOG	WELL DIAGRA- M	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT			
6 SS	<u>24</u> 24	4 6 8	-26 - -27 - -28 - -29 - -30	CLAY with trace SILT; stiff; brown (7.5 YR 4/4); (varved appearance)	ML					W	30	17	86.0%	Lacustrine
7 SS	<u>24</u> 24	4 7 8 9	- -31 - -32 - -33 - -34 - -35	lean CLAY (CL) very thinly bedded with interbedded seams of SILT. CLAY; very stiff, brown (7.5YR 4/4); moist. SILT; brown (7.5YR 5/4); moist. (varved appearance)	CL					W				Lacustrine
8 ST	<u>24</u> 24	2 2 5	-36 - -37 - -38 - -39 - -40 - -41 - -42 - -43 - -44 - -45 - -46 - -47 - -48 - -49 - -50 - -51 - -52 - -53 - -54 - -55 - -56 - -57 - -58 - -59	SAND with SILT (SM); med-dense; brown (7.5YR 5/4); wet; medium to fine SAND	SM					W				Lacustrine
			- -38 - -39 - -40 - -41 - -42 - -43 - -44 - -45 - -46 - -47 - -48 - -49 - -50 - -51 - -52 - -53 - -54 - -55 - -56 - -57 - -58 - -59	Well screen set 33 ft bgs (elevation 928.73') End of boring 37 ft bgs (elevation 924.73')										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

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Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
Other ..

Page 1 of 2

Facility/Project Name Adams County Landfill			License/Permit/Monitoring Number 3150			Boring Number MW-30									
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Joe Last Name: Black Firm: PSI			Date Drilling Started 11/17/2015 M/D/Y		Date Drilling Completed 11/17/2015 M/D/Y		Drilling Method 4 1/2 " HSA								
WI Unique Well No. VP 144	DNR Well Id No. 050	Well Name MW-30	Final Static Water Level 941.84'		Surface Elevation 977.84		Borehole Dia. 8 "								
Local Grid Origin (estimated: " or Boring Location " State Plane 741638.774 N, 2010658.579 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E			Lat. <u> </u> ° <u> </u> ' <u> </u> "	Local Grid Location (If applicable) ----- N E		Long. <u> </u> ° <u> </u> ' <u> </u> "	Feet	S Feet	W Feet						
Facility Id. 701040560		County Adams	County Code 01		Civil Town/City or Village Town of Strong Prairie										
SAMPLE		Blow Counts	Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT			USCS	Graphic Log	Well Diagram	P/LD/FID	SOIL PROPERTIES				RQD/Comments
Number and Type	Length Att. & Recovered (in)			Compressive Strength	Moisture Content	Liquid Limit					Plasticity Index	P 200			
1 SS	<u>24</u> 24	2	-	6 " Black sand w/organics (topsoil)	OL					M					Lacustrine
		1	-1	SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine SAND	SM										
		3	-2												
		3	-3												
		3	-4												
		3	-5												
2 SS	<u>24</u> 22	2	-6												Lacustrine
		3	-7												
		3	-8												
		4	-9												
		4	-10												
3 SS	<u>24</u> 22	2	-11												Lacustrine
		3	-12												
		5	-13												
		8	-14												
		8	-15												
4 SS	<u>24</u> 21	10	-16												Lacustrine
		16	-17												
		18	-18												
		20	-19												
		6	-20												
5 SS	<u>24</u> 22	12	-21												Lacustrine
		16	-22												
		20	-23												
		11	-24												
		11	-25												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

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SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

Page 2 of 2

MW-30 cont.

SAMPLE		BLOW COUNT	DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES				RDQ/ comment
NUMBER	LENGTH RECOV- ERED (IN)				USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRATION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	
6 SS	X 24 22	16 17 21	-26 - -27 - -28 - -29 - -30 - -31 - -32 - -33 - -34 - -35	SAND with SILT (SM); very dense; light brown (7.5YR 6/4); moist; medium to fine SAND	SM					M			Lacustrine
7 SS	X 24 16	11 15 14 16	- -31 - -32 - -33 - -34 - -35 - -36 - -37 - -38 - -39 - -40 - -41 - -42	CLAY (CL) lean; hard, brown (7.5YR 5/3); moist CLAY (CL) lean; very thinly bedded with interbedded seams of SILT (ML). CLAY (CL); hard, brown (7.5YR 4/4); moist. SILT (ML); brown	CL			GW Elevation 941.84' 11/20/2015		M			Lacustrine
8 ST	X 24 24	4 7 9 11	- -36 - -37 - -38 - -39 - -40 - -41 - -42	SAND with SILT (SM); very dense; light brown (7.5YR 6/4); wet; medium to fine SAND	SM					W			62.4% Lacustrine
9 SS	X 24 20	5 7 15 22	- -43 - -44 - -45 - -46 - -47	CLAY (CL) lean; very thinly bedded with interbedded seams of SILT. CLAY; hard, brown (7.5YR 4/4); moist. SILT; firm, brown (varved appearance)	CL					W			Lacustrine
10 SS	X 24 20	3 6 10 12	- -48 - -49 - -50 - -51 - -52 - -53 - -54 - -55 - -56 - -57 - -58 - -59	Well screen set 45 ft bgs (elevation 932.84') End of boring 47 ft bgs (elevation 930.84')						M			Lacustrine

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Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
Other ..

Page 1 of 2

Facility/Project Name Adams County Landfill			License/Permit/Monitoring Number 3150			Boring Number MW-30P					
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Joe Last Name: Black Firm: PSI			Date Drilling Started 11/17/2015 M/D/Y		Date Drilling Completed 11/18/2015 M/D/Y		Drilling Method 4 1/2 " HSA				
WI Unique Well No. VP 145		DNR Well Id No. 051	Well Name MW-30P		Final Static Water Level 941.84'		Surface Elevation 979.94	Borehole Dia. 8 "			
Local Grid Origin (estimated: " or Boring Location " State Plane 741645.608 N, 2010659.79 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E			Lat. <u> </u> ° <u> </u> ' <u> </u> " ----- Long. <u> </u> ° <u> </u> ' <u> </u> "		Local Grid Location (If applicable) " N E Feet Feet Feet W						
Facility Id. 701040560		County Adams	County Code 01		Civil Town/City or Village Town of Strong Prairie						
SAMPLE		Blow Counts	Depth in Feet (Below ground surface)	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	USCS	Graphic Log	Well Diagram	SOIL PROPERTIES			RQD/Comments
Number and Type	Length Att. & Recovered (in)							PI/D/FID	Compressive Strength	Moisture Content	
1 SS	24 24	4 5 7 7	-45	0-50' see boring log for MW-30 Groundwater encountered at elevation of 941.84' (see MW-30 soil boring log)	SM				W		Lacustrine
			-50	SAND with SILT (SM); med-dense; light brown; (7.5YR 6/4); wet; fine SAND							
			-52	Approximately 2' of sand blowback in auger, unable to use lead bit or split spon, observations are based on drill cuttings							Lacustrine
			-58	SAND with SILT (SM); light brown (7.5 YR 6/4); loose							Lacustrine
			-64								Lacustrine
			-69								Lacustrine

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

William Honea, Nicole Bader

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

MW-30P cont.

Page 2 of 2

SAMPLE		BLOW COUNT	DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES				RDQ/ comment
NUMBER	LENGTH RECOV- ERED (IN)				USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	
			-70	SAND with SILT (SM); light brown (7.5 YR 6/4); loose	SM					W			Lacustrine
			-71										
			-72										
			-73										
			-74										
			-75	CLAY (CL) with SILT (CL); firm; brown (7.5 YR 5/4); wet	CL					W			Lacustrine
			-76	Well screen set and end of boring 75 ft bgs (elevation 902.94')									
			-77										
			-78										
			-79										
			-80										
			-81										
			-82										
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			-103										

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AYRES ASSOCIATES

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 or more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
Watershed/Wastewater ..
Remediation/Redevelopment ..

Waste Management ..
Other ..

Page 1 of 2

Facility/Project Name Adams County Landfill			License/Permit/Monitoring Number 3150			Boring Number MW-31							
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Joe Last Name: Black Firm: PSI			Date Drilling Started 11/18/2015 M		Date Drilling Completed 11/19/2015 M/D/Y		Drilling Method 4 1/2 " HSA						
WI Unique Well No. VP 146	DNR Well Id No. 052	Well Name MW-31	Final Static Water Level 938.90'		Surface Elevation 967.90		Borehole Dia. 8 "						
Local Grid Origin (estimated: " or Boring Location State Plane 741100.745 N, 2010709.457 E SE 1/4 of NE 1/4, of Section 13, T18N, R5E			Lat. <u> </u> ° <u> </u> ' <u> </u> "	Local Grid Location (If applicable) " N " E									
Facility Id. 701040560			Long. <u> </u> ° <u> </u> ' <u> </u> "	Feet " S Feet " W									
County Adams			County Code 01		Civil Town/City or Village Town of Strong Prairie								
SAMPLE			SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT						SOIL PROPERTIES				
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	USCS	Graphic Log	Well Diagram	PIID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P200	RQD/Comments
1 SS	24 18	1 1 1 2	-1 -2	OL				M					Lacustrine
2 SS	24 22	4 6 7 9	-3 -4 -5 -6 -7	SM				M					Lacustrine
3 SS	24 22	2 7 12 14	-8 -9 -10 -11 -12					M					Lacustrine
4 SS	24 21	7 14 17 19	-13 -14 -15 -16 -17					M					Lacustrine
5 SS	24 22	11 18 23 24	-18 -19 -20 -21 -22	ML				M					Lacustrine
			-23 -24 -25	SM				M					Lacustrine
			8					M					Lacustrine

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Firm

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SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

MW-31 cont.

Page 2 of 2

SAMPLE		BLOW COUNT	DEPTH IN FEET	SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT	FIELD OBSERVATIONS				SOIL PROPERTIES				RDQ/ comment
NUMBER	LENGTH RECOV- ERED (IN)				USCS	GRAPHIC LOG	WELL DIAGRAM	FID (field)	STANDARD PENETRA- TION	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	
6 SS	X 24 22	6 9 9	-26 -27 -28 -29 -30	CLAY with trace SILT; stiff; brown (7.5 YR 4/4); (varved appearance)	ML					M			Lacustrine
7 SS	X 24 16	11 15 16 20	-31 -32 -33 -34 -35	SAND with SILT (SM); dense; light brown (7.5YR 6/3); wet; medium to fine SAND	SM					W			Lacustrine
8 SS	X 24 22	6 8 11 15	-36 -37 -38 -39 -40	lean CLAY (CL) very thinly bedded with interbedded seams of SILT. CLAY; very stiff, brown (7.5YR 4/4); moist. SILT; brown (7.5YR 5/4); moist.	CL					W			Lacustrine
9 SS	X 24 20	4 6 10 19	-41 -42 -43 -44 -45 -46 -47 -48 -49 -50 -51 -52 -53 -54 -55 -56 -57 -58 -59	SAND with SILT (SM); med-dense; brown (7.5YR 5/4); wet; medium to fine SAND	SM					W			Lacustrine
				Well screen set 40 ft bgs (elevation 927.90') End of boring 42 ft bgs (elevation 925.90')									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

William Honea, Nicole Bader

Firm

AYRES ASSOCIATES

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**Well Construction Report For
WISCONSIN UNIQUE WELL NUMBER AJ514**

Property **ADAMS CO ZONING**
Owner

Telephone **608-339-4222**
Number

State of WI - Private Water Systems - DG/2
Department of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(R 8/00)

Mailing **PO BOX 187**
Address

City **FRIENDSHIP** State **WI** Zip Code **53934**

County of Well Location **Adams** County Well Permit No. **W** Well Completion Date **12/02/1988**

Well Constructor (Business Name) **TERRY FARAGO** License # **41** Facility ID Number (Public Wells)

Address **N6079 8TH AVE** Public Well Plan Approval # **W--**

City **PLAINFIELD** State **WI** Zip Code **54966-9757** Date of Approval (mm/dd/yyyy)

Hicap Permanent well # Common Well # Specific Capacity **.6** gpm/ft

3. Well serves # of homes and or **SHOP** High capacity Well? Yes No
(e.g. barn, restaurant, church, school, industry, etc.) Property? Yes No

4. Is the well located upslope or sideslope and not downslope from any contamination source, including those on neighboring properties? Yes No

Well located within 1,200 feet of a quarry? Yes No If yes, distance in feet from quarry:

Well located in floodplain? Yes No

Distance in Feet from Well to Nearest:

1200 1. Landfill

8 2. Building Overhang

3. Septic Holding Tank

4. Sewage Absorption Unit

5. Nonconforming Pit

6. Buried Home Heating Oil Tank

7. Buried Petroleum Tank

8. Shoreline Swimming Pool

9. Downspout/Yard Hydrant

10. Privy

11. Foundation Drain to Clearwater

12. Foundation Drain to Sewer

13. Building Drain

Cast Iron or Plastic Other

14. Building Sewer Gravity Pressure

Cast Iron or Plastic Other

15. Collector or Street Sewer:

Sanitary units in. diam.

Storm <= 6 > 6

16. Clearwater Sump

17. Wastewater Sump

18. Paved Animal Barn Pen

19. Animal Yard or Shelter

20. Silo

21. Barn Gutter

22. Manure Pipe Gravity Pressure

Cast Iron or Plastic Other

23. Other Manure Storage

24. Ditch

25. Other NR 812 Waste Storage

5. Drillhole Dimensions and Construction Method

Dia (in.)	From (ft.)	To (ft.)	Upper Enlarged Drillhole	Lower Open Bedrock
6	0	124	<input type="checkbox"/> ---1. Rotary - Mud Circulation-----	<input type="checkbox"/>
			<input checked="" type="checkbox"/> ---2. Rotary - Air-----	<input type="checkbox"/>
			<input type="checkbox"/> ---3. Rotary - Air and Foam-----	<input type="checkbox"/>
			<input type="checkbox"/> ---4. Drill-Through Casing Hammer	
			<input type="checkbox"/> ---5. Reverse Rotary	
			<input type="checkbox"/> ---6. Cable-tool Bit in. dia-----	<input type="checkbox"/>
			<input type="checkbox"/> ---7. Dual Rotary	<input type="checkbox"/>
			<input type="checkbox"/> ---8. Temp. Outer Casing in. dia. Removed?	depth (ft)
			<input type="checkbox"/> Yes <input type="checkbox"/> No	
			If no, why not?	

6. Casing, Liner, Screen Material, Weight, Specification

From (ft.) To (ft.)

6 ASTM 589 USS STEEL 19.45#PER FT TOT. **0** **121**
WT. 2353.5#

7. Grout or Other Sealing Material. Method

Method: **TPF** From (ft.) To (ft.) # Sacks Cement
Kind of Sealing Material

8. Geology Type, Caving/Noncaving, Color, Hardness, etc From (ft.) To (ft.)

--S-	SAND	0	18
--C-	CLAY	18	48
-NS-	FINE SAND	48	115
--N-	SAND STONE	115	124

9. Static Water Level

ft. above ground surface

41 ft. below ground surface

10. Pump Test

Pumping Level **80** ft. below surface

Pumping at **22 GPM** for **2** hours

11. Well is: Above Grade

36 in. Below Grade

Developed? Yes No

Disinfected? Yes No

Capped? Yes No

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

Yes No If no, explain:

13. Signature of the Well Constructor or Supervisory Driller Date signed
TPF **12/29/1988**

Signature of Drill Rig Operator (Mandatory unless same as above) Date signed
TPF **12/29/1988**

Make additional comments on reverse side about geology, additional screens, water quality, etc.

Variance issued Yes No

Owner 1223 **026**
 ADAMS COUNTY SOLID WASTE DEPT
 1420 STH 21
 FRIENDSHIP WI 53934
Phone 608 339 9178

Operator 1666 **001**
 BULA-GIERINGER FARMS
 349 COUNTY HIGHWAY M
 COLOMA WI 54930
Phone 608 339 9869

LOCATION
 Region **West Central Region**
 Major Basin **Mississippi River**
 County **Adams** Civil Town **STRONGS PRAIRIE**

Govt Lot _____ or **CT** 1/4 of the **NW** 1/4
 Sec. **13**, T. **18**, Rg. **5** E/W **E**

Street
 Mailing City
 File Location **01 - 1 - 247**
 PWS ID

Well Numbers High Cap # **1602**
 WUWN WCR **KO311**
 WUWN GRN **KO311**
 Image file

Approved Capacity **1,000 GPM**
 Normal Pumpage **720,000 GPD**
 Max pumpage **1,440,000 GPD**
 Status **APPROVED**
existing well

Approved **06/15/1995**
 Completed **07/18/1995**
 Water Use **Agricultural irrigation**

General Well Information	Drilled by: HAUPT WELL DRLG	489	Gravel Pack Y
Total Depth ft 90.0	Drill Method: Reverse Rotary	Co Apprvl # 247	Screened? Y
Feet to rock	Aquifer Sand/Gravel	Screen Type Slotted Casing	
First Rock is	Multiple Aquifers? N	Seal Material Native Formations	

Additional Geology Information. (Note Diameters are in inches, lengths, thickness & depths are in feet.)

Formation Thickness	Upper Drillhole Diameter	Screen Diameter 16.0
Surface Sand 90.0	Upper Drillhole Depth-Ft	Screen Length 40.0
Surface Clay	Lower Drillhole Diameter 32.0	Sealing Material Depth 45.0
Devonian	Lower Drillhole Length 90.0	Hours of Yield Test 2.0
Silurian	More than 2 Drillholes? N	GPM of Yield Test 1,000.0
Maquoketa	Primary Casing Diameter	Static Water (feet) 25
Sinnippe	Primary Casing Depth 50.0	Pumping Water Level (ft) 44
Ancell	Liner Casing Diameter 16.0	Specific Capacity(GPM/Ft) 52.6
Prairie du Chien	Liner Casing Length	WGNHS Log No.
Cambrian	Liner Casing Depth	
Precambrian		