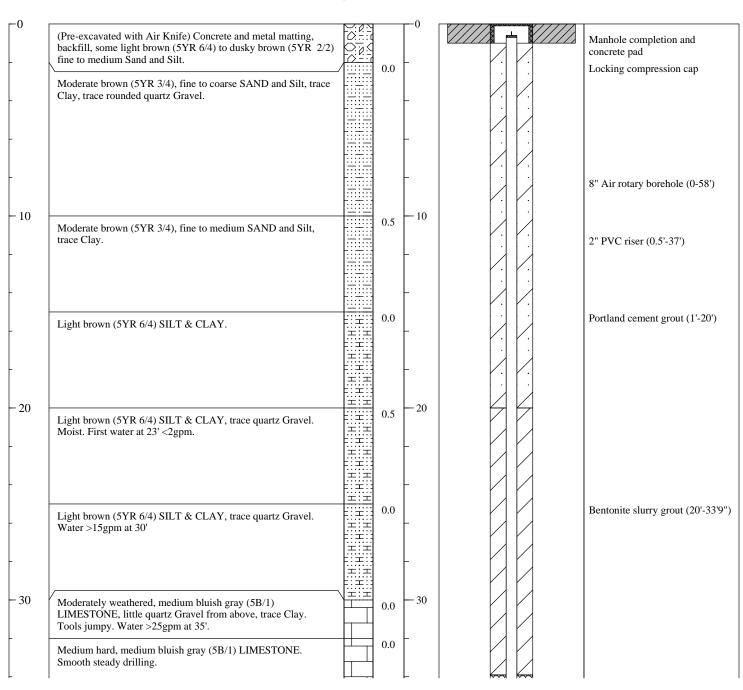
GEOLOGIC LOG:

MW-126

PROJECT INFORMATION				DRILLING INFORMATION				
PROJEC	T: Harley Davidson		DRIL	LING C	O.: Eichelbergers, Inc	c		
SITE LOCATION: Former York Naval Ordnance Plant, York, PA				LER:	Chris Kurtz	Chris Kurtz		
JOB NO.: 10012.07				RIG TYPE: IR T-4				
LOGGE	D BY: KB Fleming		DRILLING METHOD: DEVELOPMENT DATE:					
DATES	DATES DRILLED: 6/15/12			LOCATION: Building 58 Area				
NOTE	S: Coordinate system is NAD83 south zone in US feet		ELEVATION: 371.86					
Pojection is PA State Plane			NOR	THING:	239756.9027 EASTIN	NG: 2258473.033		
DEPTH	LITHOLOGY	GRAPHIC	PID (ppm)	DEPTH FEET	WELL CONSTRUCTION	WELL CONSTRUCTION DETAILS		

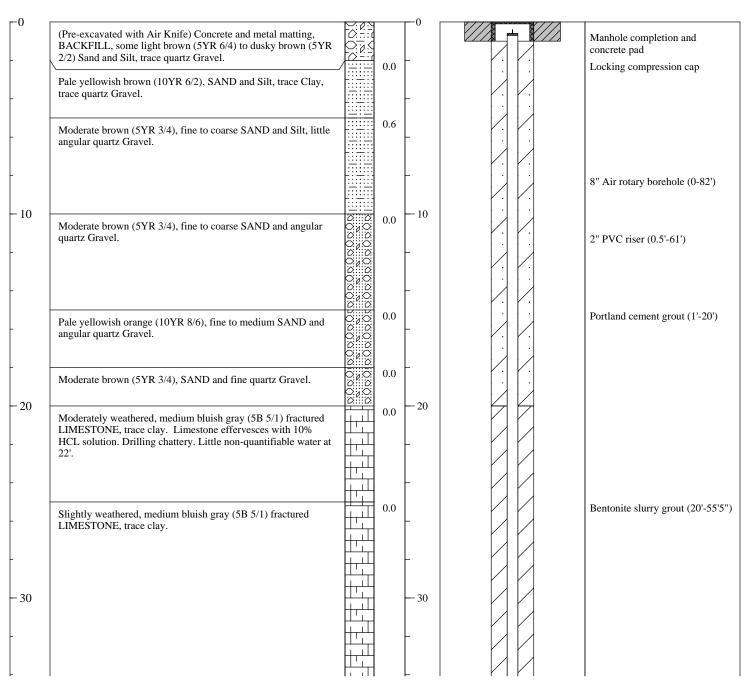


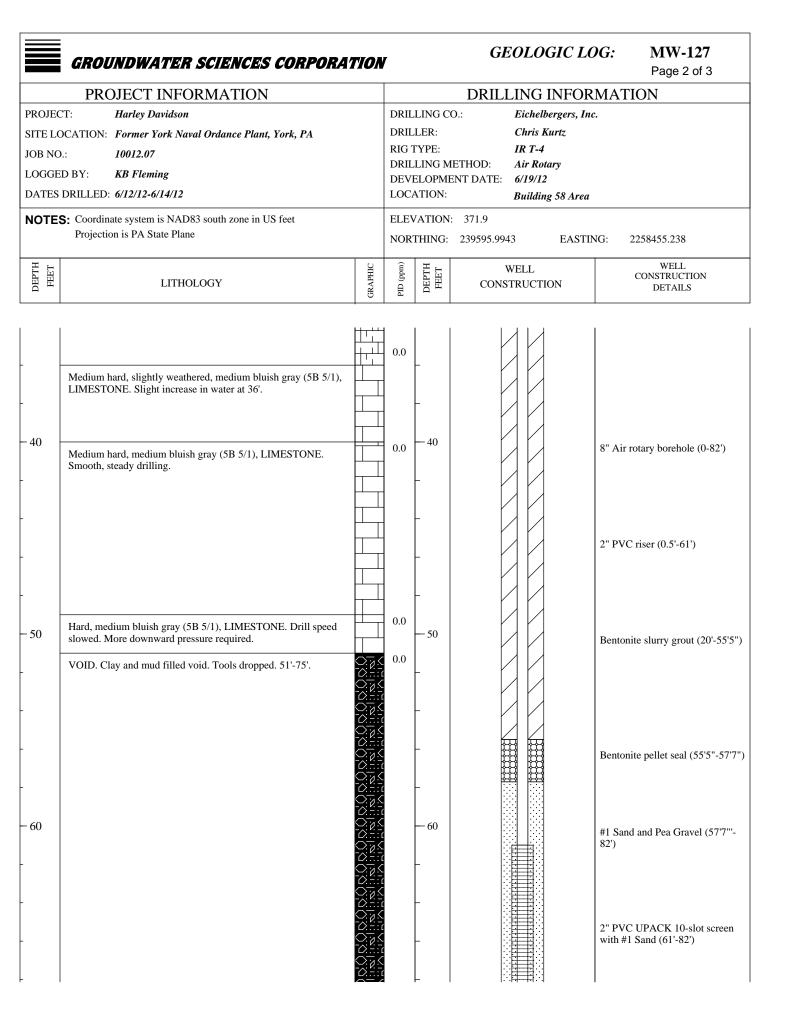
GEOLOGIC LOG: MW-126 GROUNDWATER SCIENCES CORPORATION Page 2 of 2 PROJECT INFORMATION DRILLING INFORMATION PROJECT: DRILLING CO.: Harley Davidson Eichelbergers, Inc. DRILLER: Chris Kurtz SITE LOCATION: Former York Naval Ordnance Plant, York, PA RIG TYPE: IR T-4 JOB NO.: 10012.07 DRILLING METHOD: Air Rotary LOGGED BY: **KB** Fleming DEVELOPMENT DATE: 6/19/12 DATES DRILLED: 6/15/12 LOCATION: **Building 58 Area** NOTES: Coordinate system is NAD83 south zone in US feet ELEVATION: 371.86 Pojection is PA State Plane NORTHING: 239756.9027 EASTING: 2258473.033 WELL CONSTRUCTION PID (ppm) DEPTH FEET WELL LITHOLOGY CONSTRUCTION **DETAILS** Bentonite pellet seal (33'9"'-35') #1 Sand and Pea Gravel (35'-58') - 40 40 8" Air rotary borehole (0-58') 2" PVC 10-slot screen (37'-58') - 50 - 50 0.0 #1 Sand and Pea Gravel (35'-58') VOID. Moderately weathered, sub-rounded, quartz gravel filled. Trace clay. Increase in water to ~40gpm. Tools dropped. 50'-60'. 2" PVC end cap (57.5'-58') - 60 60 Collapsed formation (58'-62') Medium hard, medium bluish gray (5B/1) LIMESTONE. 0.0 Smooth steady drilling.

GEOLOGIC LOG:

MW-127

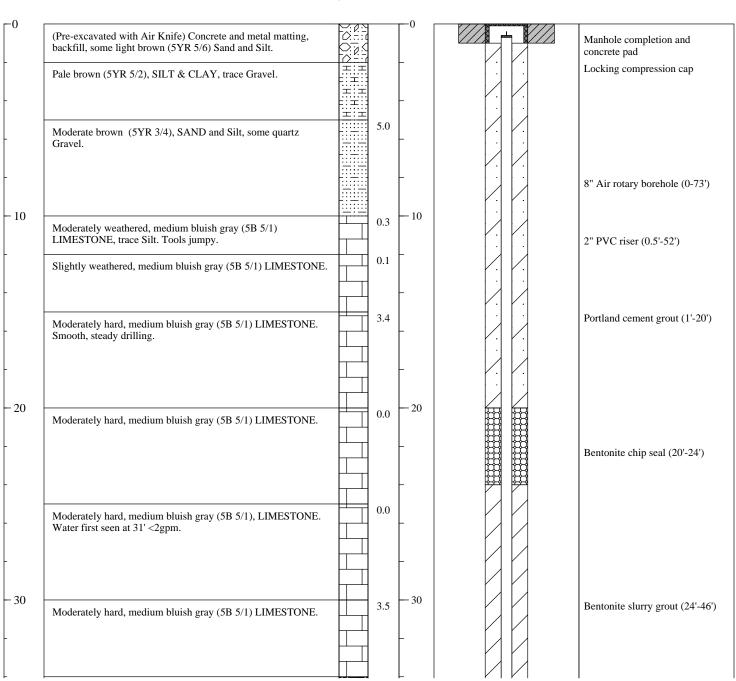
PROJECT INFORMATION				DRILLING INFORMATION				
PROJEC	T: Harley Davidson		DRIL	LING C	CO.: Eichelbergers, In	ıc.		
SITE LO	OCATION: Former York Naval Ordance Plant, York, PA		DRIL	LER:	Chris Kurtz	Chris Kurtz		
JOB NO	.: 10012.07			ГҮРЕ:	IR T-4			
LOGGE	D BY: KB Fleming				METHOD: Air Rotary ENT DATE: 6/19/12			
DATES	DRILLED: 6/12/12-6/14/12		LOCATION: Building 58 Area					
NOTE	S: Coordinate system is NAD83 south zone in US feet		ELEVATION: 371.9					
Projection is PA State Plane			NOR	THING:	239595.9943 EAST	ING: 2258455.238		
DEPTH FEET	LITHOLOGY	GRAPHIC	PID (ppm)	DEPTH FEET	WELL CONSTRUCTION	WELL CONSTRUCTION DETAILS		





		7		GEOLOGIC LO	MW-127 Page 3 of 3
PROJECT INFORMATION				DRILLING INFOR	MATION
DJECT: Harley Davidson		DRIL	LING C	O.: Eichelbergers, Inc	•
E LOCATION: Former York Naval Ordance Plant, York, PA		DRIL	LER:	Chris Kurtz	
NO.: 10012.07		RIG T		IR T-4	
GGED BY: KB Fleming		1		IETHOD: Air Rotary ENT DATE: 6/19/12	
TES DRILLED: 6/12/12-6/14/12			ATION:	Building 58 Area	
TES: Coordinate system is NAD83 south zone in US feet Projection is PA State Plane				: 371.9 239595.9943 EASTIN	G: 2258455.238
LITHOLOGY	GRAPHIC	PID (ppm)	DЕРТН FEET	WELL CONSTRUCTION	WELL CONSTRUCTION DETAILS
Slightly weathered, medium hard, medium bluish gray (5B 5/1), LIMESTONE.		0.0	70 80		

GEOLOGIC LOG: MW-128 GROUNDWATER SCIENCES CORPORATION Page 1 of 3 PROJECT INFORMATION DRILLING INFORMATION PROJECT: Harley Davidson DRILLING CO.: Eichelbergers, Inc. DRILLER: Chris Kurtz SITE LOCATION: Former York Naval Ordnance Plant, York, PA RIG TYPE: IR T-4 JOB NO.: 10012.07 DRILLING METHOD: Air Rotary LOGGED BY: **KB** Fleming DEVELOPMENT DATE: 6/20/12 DATES DRILLED: 5/18/12-5/19/12 LOCATION: **Building 58 Area** NOTES: Coordinate system is NAD83 south zone in US feet ELEVATION: 371.18 Projection is PA State Plane NORTHING: 239672.8174 EASTING: 2258558.114 WELL CONSTRUCTION DEPTH FEET WELL PID (ppm LITHOLOGY CONSTRUCTION **DETAILS** (Pre-excavated with Air Knife) Concrete and metal matting, backfill, some light brown (5YR 5/6) Sand and Silt. concrete pad Pale brown (5YR 5/2), SILT & CLAY, trace Gravel. 5.0 Moderate brown (5YR 3/4), SAND and Silt, some quartz Gravel. - 10 - 10 0.3 Moderately weathered, medium bluish gray (5B 5/1)



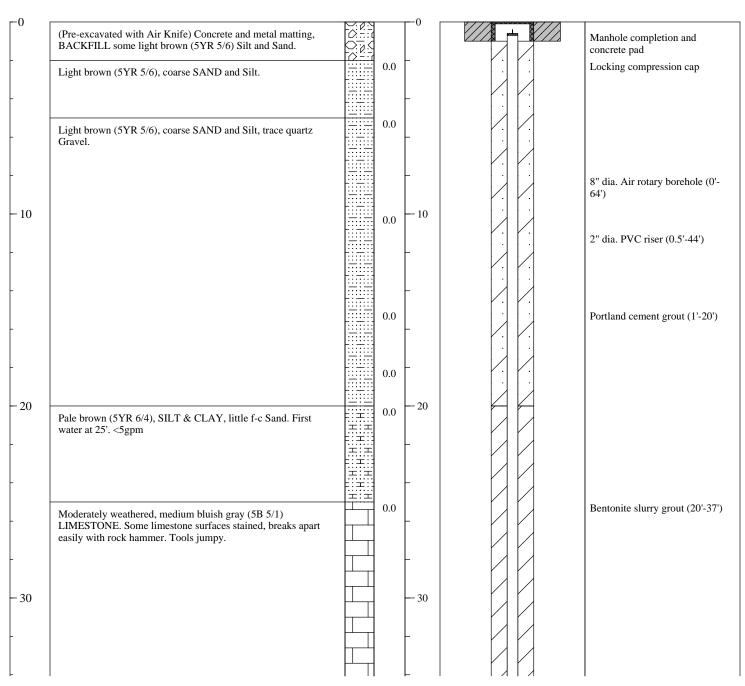
	GROUNDWATER SCIENCES CORPORAT	TION	7		GEOLOGIC L	OG: MW-128 Page 2 of 3
	PROJECT INFORMATION				DRILLING INFO	RMATION
SITE LO JOB NO LOGGE	PROJECT: Harley Davidson SITE LOCATION: Former York Naval Ordnance Plant, York, PA OB NO.: 10012.07 COGGED BY: KB Fleming DATES DRILLED: 5/18/12-5/19/12		DRIL RIG T DRIL DEVI			ıc.
NOTE	S: Coordinate system is NAD83 south zone in US feet Projection is PA State Plane				: 371.18 239672.8174 EAST	ING: 2258558.114
DEPTH FEET	LITHOLOGY	GRAPHIC	PID (ppm)	DEPTH FEET	WELL CONSTRUCTION	WELL CONSTRUCTION DETAILS
- 40	VOID. Slightly weathered, rounded quartz gravel and clay filled void. Tools dropped. Slight increase in water <5gpm. 34'-41'. Slightly weathered, moderately hard, medium bluish gray (5B 5/1) LIMESTONE, trace clay. Tools jumpy.		0.0	- 40		8" Air rotary borehole (0-73')
- - - 50	Moderately hard, medium bluish gray (5B 5/1) LIMESTONE. Smooth, steady drilling.			- - -50		2" PVC riser (0.5'-52') Bentonite pellet seal (46'-49')
- 60 -	Moderately hard, medium bluish gray (5B 5/1) LIMESTONE.		0.2	- - 60 -		#1 Sand and Pea Gravel (49'-73') 2" PVC U-Pack 10-slot screen with #1 Sand (52'-73')

	GROUNDWATER SCIENCES CORPORAT	TION	7		GEOLOGIC LO	Page 3 of 3			
	PROJECT INFORMATION		DRILLING INFORMATION						
PROJEC	T: Harley Davidson		DRIL	LING C	O.: Eichelbergers, Inc	2.			
SITE LO	OCATION: Former York Naval Ordnance Plant, York, PA		DRIL	LER:	Chris Kurtz				
JOB NO	.: 10012.07			TYPE:	IR T-4				
LOGGE	DBY: KB Fleming				ETHOD: Air Rotary ENT DATE: 6/20/12				
DATES	DRILLED: 5/18/12-5/19/12			ATION:					
NOTES: Coordinate system is NAD83 south zone in US feet Projection is PA State Plane			ELEVATION: 371.18 NORTHING: 239672.8174 EASTING: 2258558.114						
DEPTH FEET	LITHOLOGY	GRAPHIC	PID (ppm)	БЕРТН FEET	WELL CONSTRUCTION	WELL CONSTRUCTION DETAILS			
- 70 -				— 70 –		2" PVC end cap (72.5'-73')			

GEOLOGIC LOG:

MW-129

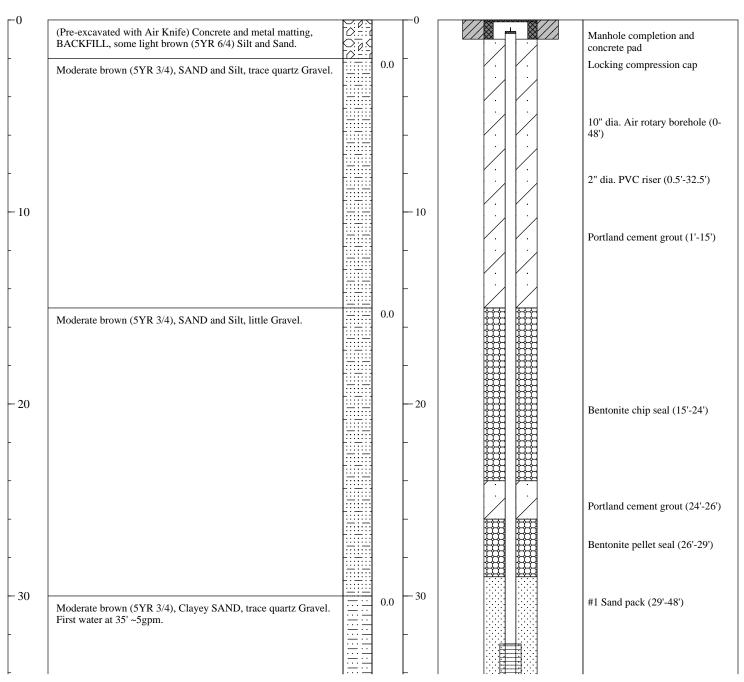
PROJECT INFORMATION				DRILLING INFORMATION				
PROJEC	T: Harley Davidson		DRIL	LING C	O.: Eichelbergers	s, Inc.		
SITE LO	OCATION: Former York Naval Ordnance Plant, York, PA		DRIL	LER:	Chris Kurtz	Chris Kurtz		
JOB NO	.: 10012.07			ГҮРЕ:	IR T-4			
LOGGE	D BY: KB Fleming				IETHOD: Air Rotary ENT DATE: 6/13/12			
DATES	DRILLED: 6/8/12-6/11/12		LOCATION: Building 58 Area					
NOTE	S: Coordinate system is NAD83 south zone in US feet		ELEVATION: 365.69					
Projection is PA State Plane			NOR	THING:	239699.2291 EA	STING: 2258331.705		
DEPTH FEET	LITHOLOGY	GRAPHIC	PID (ppm)	DEPTH FEET	WELL CONSTRUCTION	WELL CONSTRUCTION DETAILS		



GEOLOGIC LOG:

MW-130

PROJECT INFORMATION				DRILLING INFORMATION				
PROJEC	CT: Harley Davidson		DRILLING CO.:			Eichelbergers, Inc		
SITE LOCATION: Former York Naval Ordnance Plant, York, PA			DRILLER:			Keith Lanker		
JOB NO	.: 10012.07				TETHOD.			
LOGGE	D BY: KB Fleming				IETHOD: ENT DATE:	Air Rotary 6/7/12		
DATES	S DRILLED: 5/31/12-6/1/12			ATION:		Bldg 2 Corridor		
NOTE	S: Coordinate system is NAD83 south zone in US feet		ELEVATION: 362.72					
Projection is PA State Plane			NOR'	NORTHING: 240187.1512 EASTING: 2257806.118				
DEPTH	LITHOLOGY	GRAPHIC	PID (ppm)	DEPTH FEET		VELL TRUCTION	WELL CONSTRUCTION DETAILS	



0.0

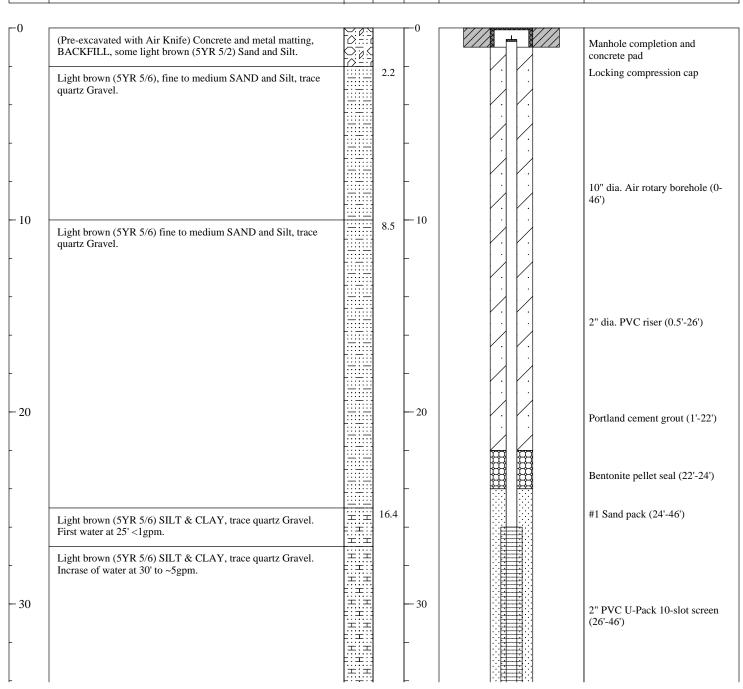
Medium hard, medium bluish gray (5B 5/1) LIMESTONE.

2" PVC end cap (47.5'-48')

GEOLOGIC LOG:

MW-131

PROJECT INFORMATION				DRILLING INFORMATION				
PROJEC	T: Harley Davidson		DRILLING CO.:		O.: Eichelbergers, Inc	c.		
SITE LOCATION: Former York Naval Ordnance Plant, York, PA			DRIL	LER:	Chris Kurtz			
JOB NO	NO.: 10012.07			RIG TYPE: IR T-4 DRILLING METHOD: Air Rotary				
LOGGE	D BY: KB Fleming				IETHOD: Air Rotary ENT DATE: 6/8/12			
DATES	DATES DRILLED: 6/1/12, 6/4/12			LOCATION: Bldg 2 Corridor				
NOTE	3: Coordinate system is NAD83 south zone in US feet		ELEVATION: 365.79					
Projection is PA State Plane			NOR	ΓHING:	240508.0101 EASTIN	NG: 2258048.249		
DEPTH FEET	LITHOLOGY	GRAPHIC	PID (ppm)	рертн FEET	WELL CONSTRUCTION	WELL CONSTRUCTION DETAILS		



Medium hard, medium bluish gray (5B 5/1), LIMESTONE.

Smooth, steady drilling. Water ~20gpm.

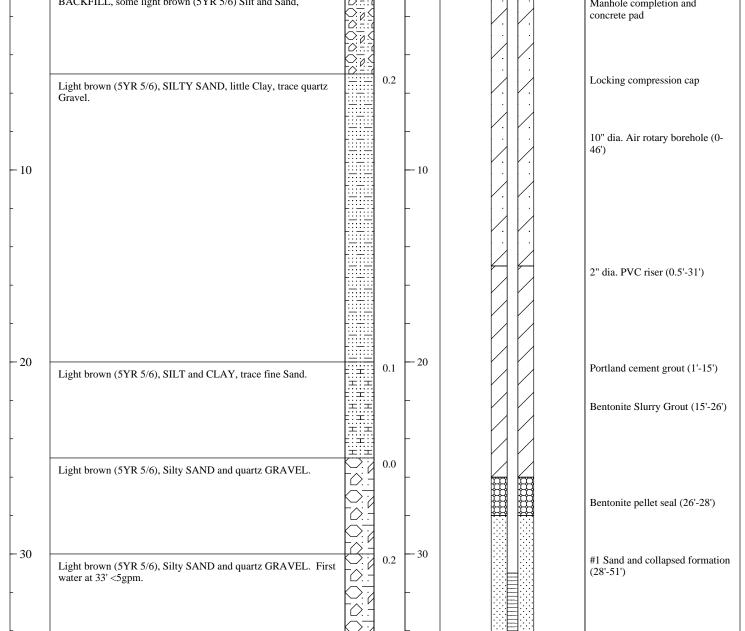
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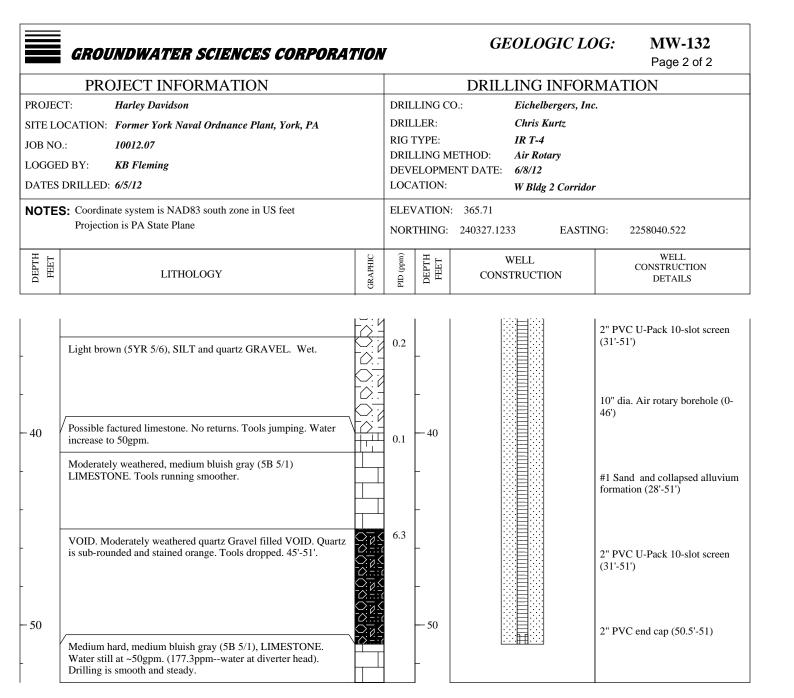
MW-132 Page 1 of 2

PROJECT INFORMATION DRILLING INFORMATION DRILLING CO.: Eichelbergers, Inc. PROJECT: Harley Davidson DRILLER: Chris Kurtz SITE LOCATION: Former York Naval Ordnance Plant, York, PA RIG TYPE: IR T-4 JOB NO.: 10012.07 DRILLING METHOD: Air Rotary LOGGED BY: **KB** Fleming DEVELOPMENT DATE: 6/8/12 DATES DRILLED: 6/5/12 LOCATION: W Bldg 2 Corridor NOTES: Coordinate system is NAD83 south zone in US feet ELEVATION: 365.71 Projection is PA State Plane NORTHING: 240327.1233 EASTING: 2258040.522

LITHOLOGY

| Description | Des

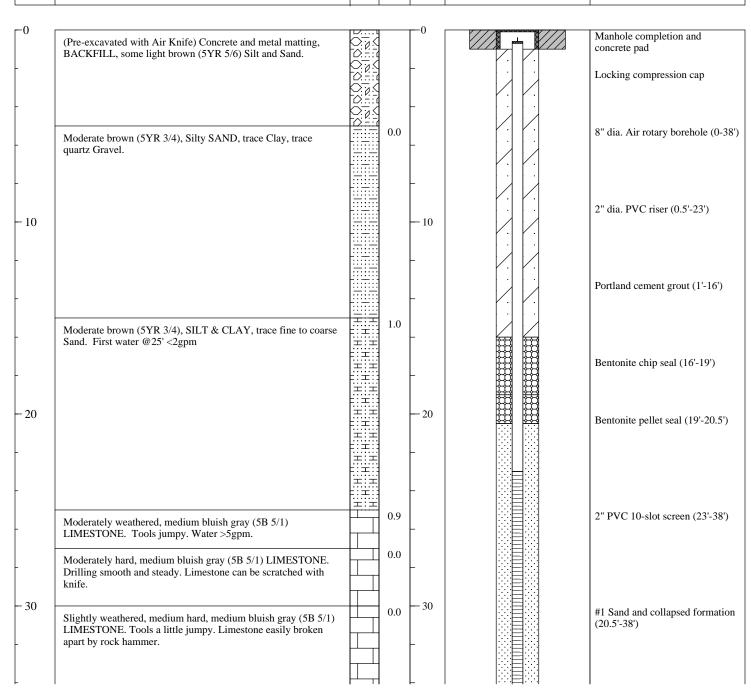




GEOLOGIC LOG:

MW-133

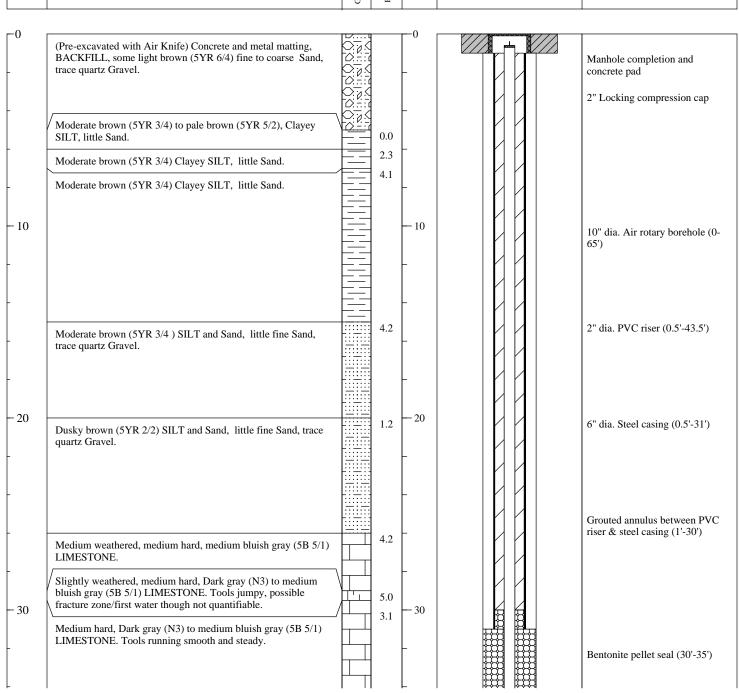
Page 1 of 2 PROJECT INFORMATION DRILLING INFORMATION PROJECT: Harley Davidson DRILLING CO.: Eichelbergers, Inc. DRILLER: Chris Kurtz SITE LOCATION: Former York Naval Ordnance Plant, York, PA RIG TYPE: Ingersoll Rand T-4 JOB NO.: 10012.07 DRILLING METHOD: Air Rotary LOGGED BY: **KB** Fleming DEVELOPMENT DATE: 6/13/12 DATES DRILLED: 6/7/12 LOCATION: W Bldg 2 Corridor NOTES: Coordinate system is NAD83 south zone in US feet ELEVATION: 365.63 Projection is PA State Plane NORTHING: 240149.7688 EASTING: 2257984.594 WELL DEPTH FEET WELL PID (ppm CONSTRUCTION LITHOLOGY CONSTRUCTION **DETAILS**



	GROU	NDWATER SCIENCES CORPORA	TION	7		GI	EOLOGIC LO	OG:	MW-133 Page 2 of 2
	PRO	JECT INFORMATION				DRIL	LING INFOR	MATIC	N
PROJEC	CT:	Harley Davidson		DRIL	LING C	O.:	Eichelbergers, Inc	·.	
SITE LO	OCATION:	Former York Naval Ordnance Plant, York, PA		DRIL	LER:		Chris Kurtz		
JOB NO).:	10012.07		RIG 7			Ingersoll Rand T-	4	
LOGGE	D BY:	KB Fleming		DEVELOPMENT DATE: 6/1					
DATES	DRILLED:	6/7/12					W Bldg 2 Corridor	-	
NOTES: Coordinate system is NAD83 south zone in US feet Projection is PA State Plane			ELEVATION: 365.63 NORTHING: 240149.7688 EASTING: 2257984.594					7984.594	
рертн FEET		LITHOLOGY	GRAPHIC	PID (ppm)	БЕРТН FEET		WELL STRUCTION	Co	WELL ONSTRUCTION DETAILS
	Medium ha	ard, medium bluish gray (5B 5/1) LIMESTONE.		0.4	_			2" PVC er	d cap (37.5'-38)

Drilling smooth and steady.

GEOLOGIC LOG: MW-134 GROUNDWATER SCIENCES CORPORATION Page 1 of 2 PROJECT INFORMATION DRILLING INFORMATION Eichelbergers, Inc. PROJECT: Harley Davidson DRILLING CO.: DRILLER: Kevin Huffman SITE LOCATION: Former York Naval Ordnance Plant, York, PA RIG TYPE: IR T-4 JOB NO.: 10012.07 DRILLING METHOD: Air Rotary LOGGED BY: KB Fleming, R. Ulrich DEVELOPMENT DATE: 6/8/12 DATES DRILLED: 5/23/12 - 5/24/12 LOCATION: W Bldg 2 Corridor NOTES: Coordinate system is NAD83 south zone in US feet ELEVATION: 361.51 Projection is PA State Plane NORTHING: 240363.1503 EASTING: 2257700.882 WELL DEPTH FEET WELL PID (ppm CONSTRUCTION LITHOLOGY CONSTRUCTION **DETAILS**

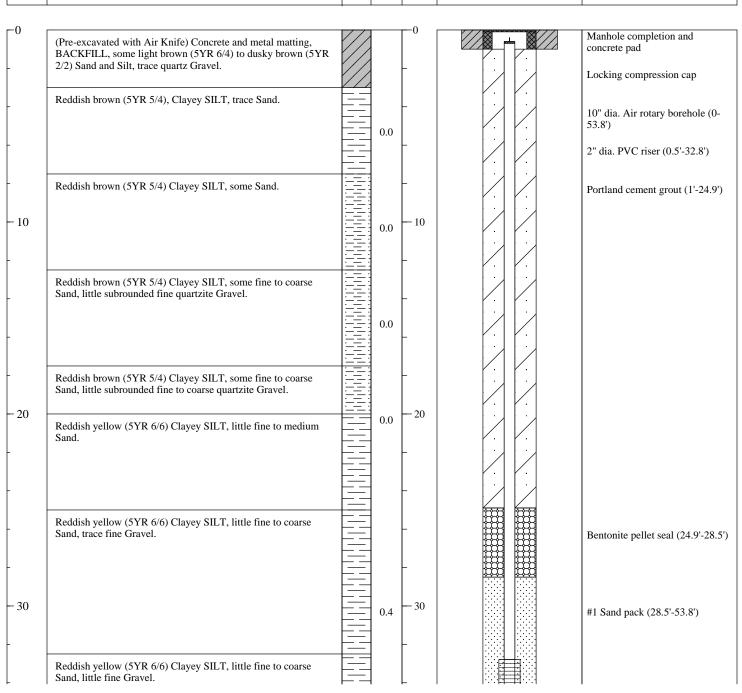


GEOLOGIC LOG: MW-134 GROUNDWATER SCIENCES CORPORATION Page 2 of 2 PROJECT INFORMATION DRILLING INFORMATION DRILLING CO.: PROJECT: Harley Davidson Eichelbergers, Inc. DRILLER: Kevin Huffman SITE LOCATION: Former York Naval Ordnance Plant, York, PA RIG TYPE: IR T-4 JOB NO.: 10012.07 DRILLING METHOD: Air Rotary LOGGED BY: KB Fleming, R. Ulrich DEVELOPMENT DATE: 6/8/12 DATES DRILLED: 5/23/12 - 5/24/12 LOCATION: W Bldg 2 Corridor NOTES: Coordinate system is NAD83 south zone in US feet ELEVATION: 361.51 Projection is PA State Plane NORTHING: 240363.1503 EASTING: 2257700.882 WELL CONSTRUCTION DEPTH FEET WELL PID (ppm LITHOLOGY CONSTRUCTION **DETAILS** Medium hard, Dark gray (N3) to medium bluish gray (5B 5/1) LIMESTONE. Cuttings fizz when 10% acid solution applied. Pea gravel (35'-42') - 40 40 0.0 Shale trap (42') VOID. Rounded quartz gravel with orange staining and trace sub-angular dark olive black (5Y 3/2) dolostone. Dolostone cuttings fizz when scratched and 10% acid is applied. Tools dropped. Water increase at 53' to ~7gpm. 46'-64'. - 50 - 50 0.0 2" PVC U-Pack 10-slot screen with #1 Sand (43.5'-64.5') Collapsed formation material (42'-65') - 60 60 0.0 Moderately hard, medium bluish gray (5B 5/1) LIMESTONE. 2" PVC end cap (64.5'-65')

GEOLOGIC LOG:

MW-135

PROJECT INFORMATION		DRILLING INFORMATION				
PROJECT: Harley Davidson		DRILLING C	O.: Eichelbergers, Inc	c.		
SITE LOCATION: Former York Naval Ordnance Plant, You	k, PA	DRILLER:	Kevin Huffman	Kevin Huffman		
JOB NO.: 10012.07	1	RIG TYPE:	Ingersoll Rand Ta	4		
LOGGED BY: K. Fleming, R. Ulrich		DRILLING M DEVELOPM	- · · · · · · · · · · · · · · · · · · ·			
DATES DRILLED: 5/24/12 - 5/30/12		LOCATION:	W Bldg 2 Corrido	W Bldg 2 Corridor		
NOTES: Coordinate system is NAD83 south zone in US fee		ELEVATION: 361.99				
Projection is PA State Plane		NORTHING:	240534.5105 EASTII	NG: 2257753.438		
H LEET LITHOLOGY	GRAPHIC	PID (ppm) DEPTH FEET	WELL CONSTRUCTION	WELL CONSTRUCTION DETAILS		



Moderately hard, moderately weathered, dark gray (N3) micritic

DOLOSTÔNE.

2" PVC end cap (53.3'-53.8')