

APPENDICES

Appendix 2

ASTI Boring / Monitoring Wells

Applied Science & Technology, Inc.
 9404 Maltby Drive
 Brighton, MI 48116

Lithologic Log

State Michigan Site Address: _____
 County Jackson Aggregate Industries _____
 Town/Range T2S, R2E Loveland Road _____
 Section 1 Waterloo Township, MI _____

Boring # _____
 Well # MW-2
 Project # 5095
 Date: 8/20/02

Drilled by Cook Drilling
 Tech/Geol Allison Jerris
 Method 4.25" HSA
 Grout _____
 Developed _____

CASING DATA

Diameter _____
 Length _____
 Type _____

WELL LOCATION

Well Yield _____
 Miss Dig # _____
 Weather _____

SCREEN DATA

Mfgr _____
 Slot _____
 Mtrl _____
 Length _____
 From _____
 To _____

DISPOSAL METHOD

WATER LEVELS

From G L _____
 From TOC _____

ELEVATIONS

Ground _____
 Of TOC _____

Depth		Description	Split Spoon Data			
			Depth	% Rec'd	OVA-PID VOC's (PPM)	Blow C'nts Per 2 Feet
From	To					
0	8	Sand, fine, lt brown, few pebbles				
9.5'	11.5'	sandy clay, moist, w/pebbles		30		2,1,1,1
14.5'	16.5'	sand, brown, coarse, saturated		100		3,3,6,5
19.5'	21.5'	sand, coarse, saturated, w/gravel		100		
24.5'	26.5'	sand with silt, pebbles, saturated		100		5,6,6,7
TD=	30					

* = lab samples

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Lithologic Log

State Michigan
 County Jackson
 Town/Range T2S, R2E
 Section 12

Site Address
 Aggregate Industries
 Loveland Road
 Waterloo Township, MI

Boring #
 Well # MW-3
 Project # 5095
 Date: 8/21/02

Drilled by Cook Drilling
 Tech/Geol Tracy Johns
 Method 4.25" HSA
 Grout
 Developed
 Well Yield
 Miss Dig #
 Weather

CASING DATA
 Diameter _____
 Length _____
 Type _____

WELL LOCATION

SCREEN DATA
 Mfgr _____
 Slot _____
 Mtrl _____
 Length _____
 From _____
 To _____

DISPOSAL METHOD

WATER LEVELS
 From G L _____
 From TOC _____

ELEVATIONS
 Ground _____
 Of TOC _____

Depth		Description	Split Spoon Data			
From	To		Depth	% Rec'd	OVA PID VOC's (PPM)	Blow C/fts Per 2' Feet
4.5'	6.5'	sand, lt brown, w/gravel				7,6,4,3
		sand, gray, fine at top				
9.5'	11.5'	sand, brown, fine, w/pebbles				8,8,6,4
13.5'	15.5'	sand, lt brown, coarse, w/pebbles, saturated				3,4,3,2
18.5'	20.5'	sand, very coarse, pebbles, cobbles				5,3,4,3
TD=	30					

* = lab samples

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 Brighton, MI 48116

Lithologic Log

State	Michigan	Site Address	
County	Jackson	Aggregate Industries	
Town/Range	T2S, R2E	Loveland Road	
Section	12	Waterloo Township, MI	

Boring #	_____
Well #	MW-5
Project #	5095
Date:	8/20/02

Drilled by Cook Drilling
Tech/Geol Allison Jerris
Method 4.25" HSA
Grout
Developed

CASING DATA	
Diameter	_____
Length	_____
Type	_____

WELL LOCATION

Well Yield
Miss Dig #
Weather

SCREEN DATA	
Mfgr	_____
Slot	_____
Mtrl	_____
Length	_____
From	_____
To	_____

DISPOSAL METHOD

WATER LEVELS	
From G L	_____
From TOC	_____

ELEVATIONS	
Ground	_____
Of TOC	_____

Depth		Description	Split Spoon Data			
			Depth	% Rec'd	OVA-PID VOC's (PPM)	Blow Cnts Per 2 Feet
From	To					
0	14	Sand and gravel, coarse, dry				
14.5'	16.5'	sand, coarse, rocks		15		10,9,11,12
24.5'	26.5'	sand, light brown, fine, dry		90		9,16,20,19
34.5'	36.5'	sand, multicolored, medium, wet, w/rocks		50		8,9,10,6
39.5'	40.5'	sand, brown, medium, saturated		100		7,8,18,22
40.5'	41.5'	sand, gray, fine, saturated				
TD=	50					

* = lab samples