



June 11, 2026

Mr. Nathan Phillips, PE
Permits Section Chief, Waterways and Wetlands Program
Southcentral Regional Office, Pennsylvania Department of Environmental Protection
909 Elmerton Ave.
Harrisburg, PA, 17110

ECS Project No. 18:5941-D1

Reference: **AAMPA Holdings – Ritner Highway Additional Boring**
NPDES Permit Application No. PAD210118
3485 Ritner Highway,
Newville, Cumberland County, Pennsylvania

Dear Mr. Phillips:

This letter is being provided to submit the results of a recent additional soil boring at the AAMPA Holdings site located at 3485 Ritner Highway, Newville, Cumberland, County, Pennsylvania. A Site Location Map is provided as Attachment 1. ECS advanced the boring, B-51, within the footprint of a proposed stormwater basin, SS-7 MRC Basin. This boring was advanced to supplement ECS' previous geotechnical and hydrogeological assessments of the project site, as described in ECS' previous reports. The test boring was extended to approximately 32.5 feet below existing site grades, to reach elevation 590.5 feet (ft), which is approximately 10 feet below the proposed maximum undercut of this basin. The boring was advanced on April 5 and 6, 2026, using hollow stem auger drilling with split spoon samplers to bedrock refusal and then continued using NQ wireline coring. An Exploration Location Diagram showing this boring location relative to the site development is provided as Attachment 2, and a geologic boring log for B-51 is provided as Attachment 3.

Monitoring well MW-01 was installed in boring B-51. The well was constructed with twenty feet of one-inch PVC screen placed at the bottom of the borehole, with a one-inch PVC riser pipe extending to 2.87 feet above the ground surface. Sand pack was placed around the well screen to two feet above the screen. The well was capped with a PVC cap. Bentonite grout was placed above the sand pack to the ground surface. Four groundwater readings were collected from the monitoring well over a period of three weeks. The first groundwater reading is higher due to the introduction of water during core drilling process. To move any remaining water from coring, the monitoring well was pumped out after the first three readings. ECS also monitored the previously installed piezometer, PZ-1, and unused supply well at 3497 Ritner Highway during select monitoring events. A Well Location Map showing the groundwater monitoring locations is provided as Attachment 4. The groundwater depth measurements from the gauging events were converted to groundwater elevations using the top of casing for each piezometer and well, as tabulated on the attached Groundwater Elevation Data Summary Table (Attachment 5).

Should you have any questions concerning the information contained in this submittal, or if we can be of further assistance to you, please contact us.

Respectfully,

ECS MID-ATLANTIC, LLC



Katherine Linnell, PG
Principal Geologist
klinnell@ecslimited.com



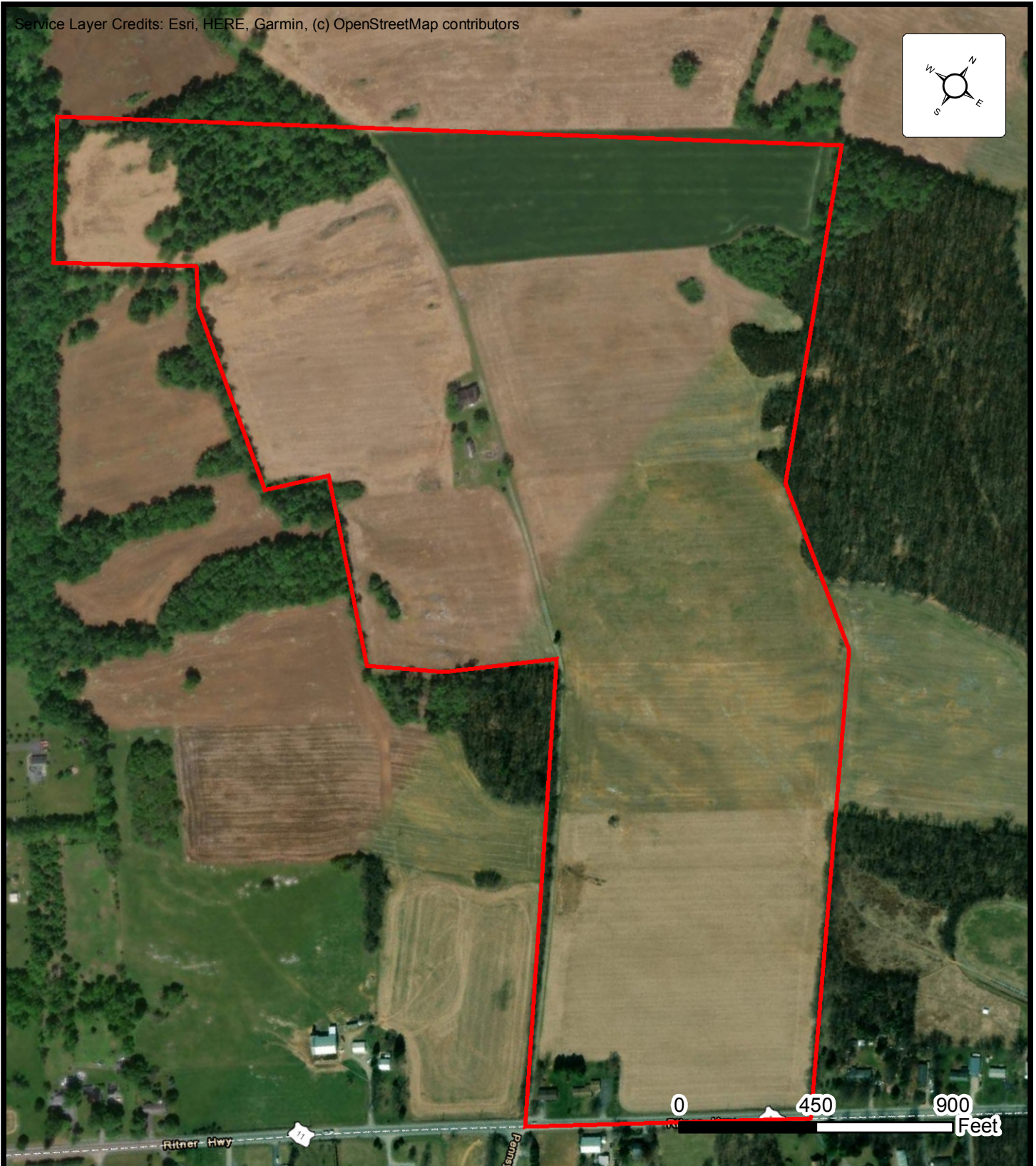
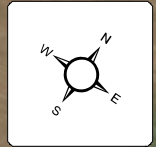
J. Matthew Carroll, P.E
Office Manager, Principal
mcarroll@ecslimited.com

cc: Andrew Kronenberg, AAMPA Holdings
Justin Doty, Fredrick, Seibert & Associates, Inc.

Attachments

- Attachment 1 - Site Location Diagram
- Attachment 2 - Exploration Location Diagram
- Attachment 3 - Geologic Boring Log
- Attachment 4 - Well Location Map
- Attachment 5 - Groundwater Elevation Data Summary

**ATTACHMENT 1
SITE LOCATION DIAGRAM**

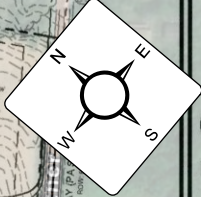


SITE LOCATION DIAGRAM
PROPOSED RITNER HIGHWAY
WAREHOUSE DEVELOPMENT
3485 RITNER HIGHWAY, NEWVILLE, PENNSYLVANIA
APPALACHIAN ASSET MANAGEMENT

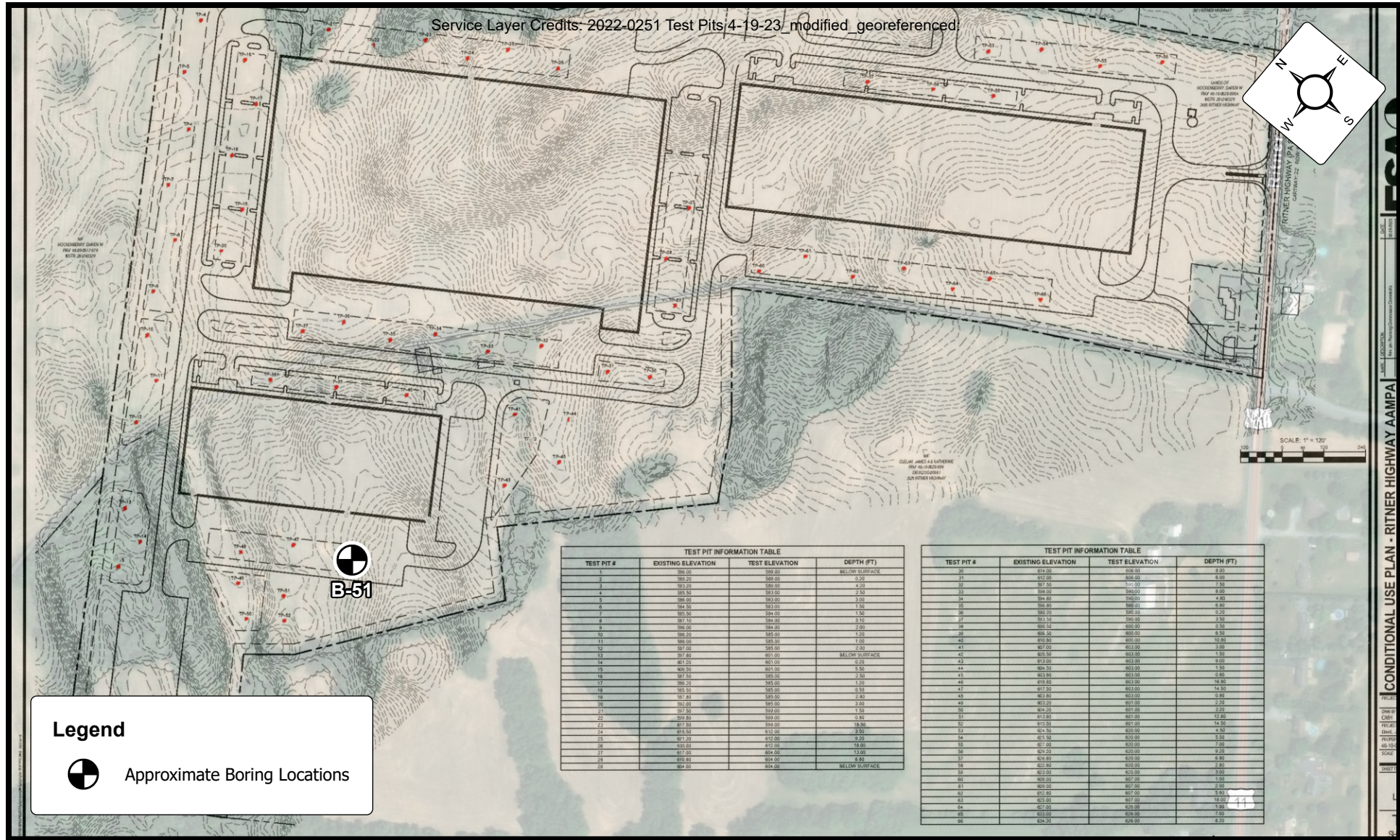
ENGINEER JMC2
SCALE AS NOTED
PROJECT NO. 18:5941-D1
FIGURE 1 OF 1
DATE 5/18/2023

ATTACHMENT 2
EXPLORATION LOCATION DIAGRAM

Service Layer Credits: 2022-0251 Test Pits 4-19-23 modified georeferenced



SCALE: 1" = 120'



TEST PIT INFORMATION TABLE			
TEST PIT #	EXISTING ELEVATION	TEST ELEVATION	DEPTH (FT)
1	585.00	585.00	BELOW SURFACE
2	589.20	589.00	2.20
3	583.20	589.00	5.80
4	583.50	583.00	0.50
5	589.00	583.00	6.00
6	589.50	583.00	6.50
7	583.50	584.00	0.50
8	587.10	584.00	3.10
9	588.00	584.00	4.00
10	589.20	585.00	4.20
11	585.00	585.00	0.00
12	587.00	585.00	2.00
13	587.80	601.00	13.20
14	601.20	601.00	0.20
15	609.50	601.00	8.50
16	587.50	585.00	2.50
17	586.20	585.00	1.20
18	585.50	585.00	0.50
19	587.80	585.00	2.80
20	587.00	585.00	2.00
21	589.80	589.00	0.80
22	617.50	619.00	1.50
23	618.50	612.00	6.50
24	617.20	612.00	5.20
25	613.00	612.00	1.00
26	613.00	612.00	1.00
27	617.00	604.00	13.00
28	610.00	604.00	6.00
29	604.00	604.00	BELOW SURFACE

TEST PIT INFORMATION TABLE			
TEST PIT #	EXISTING ELEVATION	TEST ELEVATION	DEPTH (FT)
30	614.00	610.00	4.00
31	612.00	606.00	6.00
32	617.00	617.00	0.00
33	618.00	618.00	0.00
34	614.80	614.00	0.80
35	616.80	616.00	0.80
36	616.20	616.00	0.20
37	613.10	616.00	2.90
38	600.10	600.00	0.10
39	600.10	600.00	0.10
40	600.50	600.00	0.50
41	600.80	600.00	0.80
42	607.00	603.00	4.00
43	603.00	603.00	0.00
44	604.50	603.00	1.50
45	603.80	603.00	0.80
46	619.80	603.00	16.80
47	603.00	603.00	0.00
48	603.80	603.00	0.80
49	603.20	603.00	0.20
50	604.20	603.00	1.20
51	613.80	603.00	10.80
52	613.20	603.00	10.20
53	614.50	603.00	11.50
54	612.50	603.00	9.50
55	612.00	603.00	9.00
56	613.20	603.00	10.20
57	613.00	603.00	10.00
58	613.80	603.00	10.80
59	612.00	603.00	9.00
60	604.00	603.00	1.00
61	603.00	603.00	0.00
62	613.80	603.00	10.80
63	617.00	603.00	14.00
64	617.00	603.00	14.00
65	616.00	603.00	13.00
66	616.20	603.00	13.20

Legend

Approximate Boring Locations



Exploration Location Diagram

Ritner Highway Additional Boring





3485 Ritner Highway, Newville, Pennsylvania
 Appalachian Asset Management

ENGINEER JMC2
SCALE 1" = 400'
PROJECT NO. 18:5941-D1
SHEET 1 of 1
DATE 4/10/2026

CONDITIONAL USE PLAN - RITNER HIGHWAY AAMPA

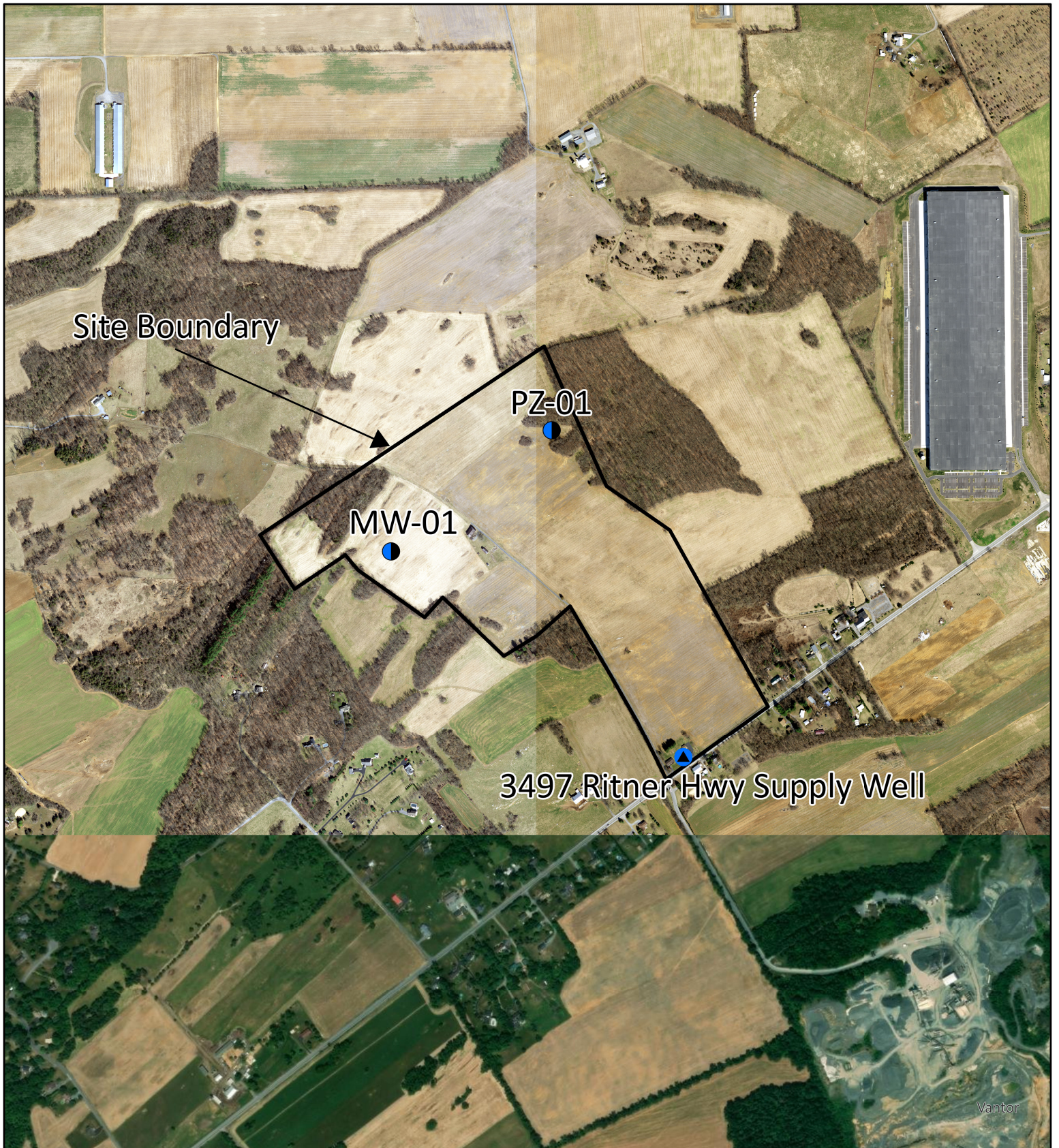
**ATTACHMENT 3
GEOLOGIC BORING LOG**

CLIENT: Appalachian Asset Management				PROJECT NO.: 18:5941-D1		BORING NO.: B-51		SHEET: 1 OF 2													
PROJECT NAME: Ritner Highway Additional Boring				DRILLER/CONTRACTOR: Negley's Well Drilling, Inc.																	
SITE LOCATION: 3485 Ritner Highway, Newville, Pennsylvania, 17241								LOSS OF CIRCULATION													
LATITUDE: 40.134628			LONGITUDE: -77.390816			STRUCTURE:		SURFACE ELEVATION: 623		BOTTOM OF CASING											
DEPTH (FT)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE DISTANCE (IN)	SAMPLE RECOVERY (IN)	DESCRIPTION OF MATERIAL	STRATIGRAPHY	WATER LEVELS	ELEVATION (FT)	BLOWS/6" (TOP/IRS/MC/SPT- N VALUE)*	RQD %		Rec %		SPT							
										Recovery %	RQD %	Fines% F	MC%	0	1	2	3	4	5		
5.0	S-1	SS	24	24	Topsoil [Thickness=12"]. [CL] SANDY LEAN CLAY - orangish brown, moist, soft to stiff.			620	1-2-2-4 (4)	4											
	S-2	SS	24	24					5-5-6-6 (11)	11											
	S-3	SS	24	24	(ML) SANDY SILT - trace gravel, brown, moist, loose to very dense.				4-4-5-6 (9)	9											
	S-4	SS	24	18					5-5-5-6 (10)	10											
	S-5	SS	2	2					50/2" (50/2)	50/2											
10.0	R-1	RC	60	46	LIMESTONE, [REC=76.67%, RQD =31.67%], moderately weathered, Moderately hard, Massive bedded, Highly Fractured/Jointed, Moderate Dip, Gray.			610			32										
15.0	R-2	RC	60	46	LIMESTONE, [REC=76.67%, RQD =50%], moderately weathered, Moderately hard, Massive bedded, Moderately Fractured/Jointed, Moderate Dip, Gray.			605				50									
20.0	R-3	RC	60	25	LIMESTONE, [REC=41.67%, RQD =36.67%], moderately weathered, Moderately hard, Massive bedded, Moderately Fractured/Jointed, Moderate Dip, Gray, Tool Drop 21'-23.			600													
25.0	R-4	RC	60	51	LIMESTONE, [REC=85%, RQD =80%], moderately weathered, Moderately hard, Massive bedded, Moderately Fractured/Jointed, Moderate Dip, Gray.			595													
	R-5	RC	42	42	...Continued on next page																
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL																					
▽ WL (First Encountered): N/E						BORING STARTED: 04/05/2026				CAVE IN DEPTH: Not Observed											
▼ WL (Completion): N/E						BORING COMPLETED: 04/06/2026				HAMMER TYPE: Automatic											
▽ WL (Seasonal High Water): N/E						EQUIPMENT: Acker XLS		LOGGED BY: CBP1		DRILLING METHOD: Hollow Stem Auger (0'-9') Rock Coring (9'-32.5')											
▽ WL (Stabilized): N/E																					
GEOTECHNICAL BOREHOLE LOG																					

CLIENT: Appalachian Asset Management				PROJECT NO.: 18:5941-D1		BORING NO.: B-51		SHEET: 2 OF 2														
PROJECT NAME: Ritner Highway Additional Boring				DRILLER/CONTRACTOR: Negley's Well Drilling, Inc.																		
SITE LOCATION: 3485 Ritner Highway, Newville, Pennsylvania, 17241								LOSS OF CIRCULATION														
LATITUDE: 40.134628			LONGITUDE: -77.390816			STRUCTURE:		SURFACE ELEVATION: 623		BOTTOM OF CASING												
DEPTH (FT)	SAMPLE NUMBER	SAMPLE TYPE	SAMPLE DISTANCE (IN)	SAMPLE RECOVERY (IN)	DESCRIPTION OF MATERIAL	STRATIGRAPHY	WATER LEVELS	ELEVATION (FT)	BLOWS/6" (TCP/RS/MC/SPT- N VALUE)*	RQD %		Rec %		QP								
										0	100	0	100	0	1	2	3	4	5			
	R-5	RC	42	42	LIMESTONE, [REC=100%, RQD =100%], moderately weathered, Moderately hard, Massive bedded, Moderately Fractured/Jointed, Moderate Dip, Gray. (continued)			591														
					END OF BORING at 32.5 FT																	
THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL																						
▼ WL (First Encountered): N/E						BORING STARTED: 04/05/2026						CAVE IN DEPTH: Not Observed										
▼ WL (Completion): N/E						BORING COMPLETED: 04/06/2026						HAMMER TYPE: Automatic										
▼ WL (Seasonal High Water): N/E						EQUIPMENT: Acker XLS			LOGGED BY: CBP1			DRILLING METHOD: Hollow Stem Auger (0'-9') Rock Coring (9'-32.5')										
▼ WL (Stabilized): N/E																						

GEOTECHNICAL BOREHOLE LOG

**ATTACHMENT 4
WELL LOCATION MAP**



Legend




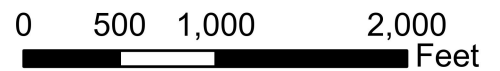
-  Monitoring Well
-  Supply Well 3497 Ritner Hwy
-  Site Boundary



Figure 3: Well Location Map

Ritner Highway
 3501 Ritner Highway,
 Newville, PA 17241



Credit:
 -Aerial image obtained from Pennsylvania Imagery Navigator
 -Development crop created by FSA INC.

**ATTACHMENT 5
GROUNDWATER ELEVATION SUMMARY**

Table 1
Groundwater Elevation Data Summary
3501 Ritner Highway, Newville, PA

Well Identifier	Approximate Top of Casing Elevation (feet MSL)	Depth to Bottom (feet)	Measurement Date	Depth to Water (feet below top of casing)	Groundwater Elevation (feet MSL)
MW-01	625.88	34.21	04/07/2026 *	27.61	598.27
			4/13/2026	31.30	594.58
			4/24/2026	31.35	594.53
			4/29/2026	31.37	594.51
PZ-01	597.76	168.70	4/7/2026	NM	NM
			4/13/2026	NM	NM
			4/24/2026	78.90	518.86
			4/29/2026	79.15	518.61
Supply Well 3497 Ritner Highway	645.70	Unknown	4/7/2026	NM	NM
			4/13/2026	NM	NM
			4/24/2026	121.17	524.53
			4/29/2026	NM	NM

Notes:

Elevations for all wells were collected using site topographic information

MSL - Mean Sea Level

NM - Not Measured

* - Well installed the day prior. Water likely from core drilling, borehole pumped out afterwards.