In general, the ATP borings and geophysical ERI results correlated well. Anomalies indicated by the ERI profiles were generally of limited linear extent along the array length except than the anomaly identified along ERI-9 that was about 410 feet long. Apparent voids within the underlying bedrock were encountered by the ATP drilling at locations B-1, 3, 6, 15, 16, 17, 20, 24, and 26. Voids within underlying bedrock at boring locations B-6, 15, 16, 17, and 24 were encountered at depths ranging about 9 to 37 feet below the ground surface and the encountered void thickness were in the range of 1 to 4 feet thick. However, there were several significant cavernous voids intercepted by the ATP borings, ranging from about 5 to 7 feet in height, at locations B-1, 3, 20, and 26.

SITE DEVELOPMENT RISK AND RECOMMENDATIONS

Site grading and tree clearing are anticipated to be minimal and the loads associated with the proposed solar development are expected to be relatively light. Karst features are not expected to be reactivated by fill or structural loading. Reactivation of karst features will be sensitive to changes in surface water drainage and concentrated water flow. The parcels have historically been used for agricultural purposes and have been stripped and grubbed. If there will not be significant tree-clearing for development and root removal is expected to be minimal, interruptions to site drainage and infiltration should be expected to be minimal. In areas where grading or tree-removal will be more significant, interruptions to drainage and resulting activation of karst features should be expected.

Based on the review of the LIDAR generated 2-foot contour map, it appears that the site is generally drains surface water externally off the site toward north and northeast side of the parcels with some closed depression locations within the parcels that drain surface water internally. As site development proceeds, it will be important to determine whether the site will be internally or externally drained. While it is possible for karst features to be used for drainage the effects of redirecting or concentrating surface water drainage will need to be considered as it relates to subsidence and sinkhole development. If karst features are considered for internal site drainage, the feature will be considered an improved sinkhole subject to regulation as a Class IV injection well requiring permitting. Development plans should consider guidance for sinkhole surface drainage analysis in the ***KGS Ordinance for the Control of Urban Development in Sinkhole Areas in the Blue Grass Karst Region, Lexington, Kentucky***. as well as regulatory permits.

We have developed a map of recommended **Avoidance Areas** presented in the **ATTACHMENTS** and project map viewer. The avoidance area for each karst feature was determined based on the results of our field survey and subsurface exploration. In general, the avoidance areas were set at 50-foot buffer from the mapped parapet of the closed depression, in cases where observations indicated sinkholes with open throats, apparent more recent subsidence shallow bedrock, and voids encountered by drilling, the buffer distance was increased to 100 feet. The recommended avoidance areas with the associated buffer distances are summarized in the karst feature Inventory section presented in the **ATTACHMENTS**.

ADDITIONAL STUDY

As discussed previously in this report, our scope was limited to the area proposed for array development as indicated by ***300 ACRE PV SITE LAYOUT.pdf*** . We recommend the similar karst assessment study to be performed for any other areas that may be considered for future development.

Prior to site development, additional study is recommended typical for solar project development. The following lists the various, commonly used exploration methods and other tests and a suggested frequency of testing for the next step. We typically only explore the areas to be developed, therefore, it would be useful to have a site plan of the proposed development area when it comes time to scope the preliminary/final geotechnical exploration phase.

- 1 boring per 25 acres to a depth of about 15 to 20 feet
- 1 field electrical resistivity test per 50 acres
- 1 corrosivity test per 50 acres
- 1 field thermal resistivity per 100 acres
- 1 pile load test per 50 acres to determine axial, lateral and end bearing pile capacity

The actual depth of the exploration, as well as the location and frequency should be developed after the design team has developed a preliminary grading/ location plan. The suggested ratios apply to the footprint of the array area, constraints exist (wetlands, floodplains, karst avoidance area, etc.) that limit the overall developable acreage should be considered in the number of exploration locations. The nature of subsurface variability will affect what we ultimately recommend for final design frequency.

We encountered bedrock within upper 10 ft of explored depths at ATP boring locations B-7, B-11, B-17, B-18, B-19, B-23, and B-24. For the purposes pile driving feasibility, we recommend further exploration at vicinity of areas with bedrock shallower than 10 feet below the ground surface.

GENERAL COMMENTS

The information presented herein has been based on the review of both proprietary and publicly available geologic information. It should be noted that karst is a dynamic landform and significant changes can occur over time. As indicated in this report, the bedrock and overlying soil below the site are susceptible to sinkhole development, there can be extensive areas of shallow bedrock, and shallow groundwater, all of which can pose a risk to the site development process. Risk associated with these factors can be minimized during development with proper planning, and design. Nevertheless, the client must recognize that risk of sinkhole and hydrologic-related damage to site development does exist.

Our opinions are based upon our understanding of the project, the results of our karst assessment, and the data obtained from our site exploration. Natural variations will occur between

exploration point locations or due to the modifying effects of construction or weather. The nature and extent of such variations may not become evident until during or after construction.

This report has been prepared for the application discussed and in accordance with generally accepted geologic and geophysical practices. No warranties, either expressed or implied, are made as to the professional services and recommendations presented herein. The findings presented in this report are based upon the data obtained from the geophysical surveys and from other information discussed in this report. This report does not reflect variations that may occur in areas not tested or inaccessible to the geophysical equipment, across the site, or due to the modifying effects of construction or weather.

Our Scope of Services does not include either specifically or by implication any environmental or biological (e.g., mold, fungi, bacteria) assessment of the site or identification or prevention of pollutants, hazardous materials or conditions. If the owner is concerned about the potential for such contamination or pollution, other studies should be undertaken.

Our services and any correspondence or collaboration through this system are intended for the sole benefit and exclusive use of our client for specific application to the project discussed and are accomplished in accordance with generally accepted geotechnical engineering practices with no third-party beneficiaries intended. Any third-party access to services or correspondence is solely for information purposes to support the services provided by Terracon to our client. Reliance upon the services and any work product is limited to our client and is not intended for third parties. Any use or reliance of the provided information by third parties is done solely at their own risk. No warranties, either express or implied, are intended or made.

ATTACHMENTS

SITE LOCATION AND EXPLORATION PLANS

Contents:

Note: All attachments are one page unless noted above.

Feature	Latitude	Longitude	Photo Log No.	Description	Buffer Distance (ft)
F-1	36.661509	-86.549557	1, 2	Closed depression on the western end of the site facing west-northwest.	50
F-2	36.661803	-86.548734	3, 4	Apparent sinkhole filled with soil and rock.	100
F-3	36.661141	-86.54704	5, 6	Broad, flat-bottomed, closed depression.	50
F-4	36.66128	-86.543749	7, 8	Sinkhole with approximate dimension of 18 feet long, 10 feet wide, and 15 feet deep. Debris placed in sinkhole, no open throat was observed.	100
F-5	36.661302	-86.542471	9, 10	Broad, flat-bottomed, closed depression with standing water observed. Based on review of historic aerial imagery, this area appears to have been the location of a pond in the past.	50
F-6	36.661323	-86.539677	11, 12	Surface water drainage with rill erosion. No signs of subsidence or soil piping.	---
F-7	36.660012	-86.539165	13, 14	Broad, flat-bottomed, closed depression.	50
F-8	36.661567	-86.537466	15, 16	Broad, wide, low-spot within wooded area. No standing water was observed.	50
F-9	36.667592	-86.532958	17, 18	Surface water drainage from offsite. Slight erosion and standing water observed.	---
F-10	36.66713	-86.534428	19, 20	Exposed bedrock and surface water drainage with slight erosion.	---
F-11	36.666436	-86.536262	21, 22	Exposed bedrock and surface water drainage.	---
F-12	36.667218	-86.53272	23, 24	Broad, flat-bottomed, closed depression at northeast corner of site.	50
F-13	36.666382	-86.531522	25, 26, 27, 28	Drainage to east adjacent field, located at the east of the start of Line ERI-12.	---
F-14	36.664985	-86.533571	29, 30	Closed depression with standing water observed.	50
F-15	36.664265	-86.536077	31, 32	Closed depression, storm water drainage and standing water observed.	50
F-16	36.663979	-86.538691	33, 34, 35, 36	Metal debris and Soil/Rock mounds in wooded portion close to Line ERI-10 indicate possible filled-in sink.	100
F-17	36.66346	-86.538396	37, 38	Soil/Rock mounds in wooded area indicate possible filled-in sink.	100
F-18	36.663326	-86.538094	39, 40	Sinkhole with approximate dimension of 10 feet long, 10 feet wide, and 8 feet deep. Open throat not observed.	50
F-19	36.663161	-86.538085	41, 42	Sinkhole with bedrock exposed and open throat in wooded area.	100
F-20	36.662766	-86.537665	43, 44	Broad, flat-bottomed, closed depression.	50

F-21	36.663484	-86.538649	45, 46	Surface water drainage with erosion rill.	---
F-22	36.66377	-86.539241	47, 48	Surface water drainage with erosion rill.	---
F-23	36.664177	-86.538092	49, 50	Closed depression on site with wet ground. Signs of ponding water during precipitation events.	50
F-24	36.663602	-86.53778	51, 52	Surface water drainage with erosion rill draining toward Feature F16.	---
F-25	36.661754	-86.537203	53, 54	Apparent closed depression with surface water draining into the depression area.	50
F-26	36.661271	-86.535231	55, 56	Sinkhole with open-throat in wooded area.	100
F-27	36.660888	-86.535811	57, 58	Stormwater drainage, erosion rill, and subsidence.	50
F-28	36.660888	-86.535811	59, 60	Stormwater drainage, erosion rill, and subsidence.	50
F-29	36.660378	-86.536803	61, 62	Stormwater drainage and erosion rill.	---
F-30	36.661099	-86.533591	63, 64	Closed depression with wet ground. Signs of holding water during precipitation events.	50
F-31	36.660878	-86.534721	65, 66	Closed depression with wet ground. Signs of holding water during precipitation events.	50
F-32	36.659872	-86.536258	67, 68	Surface water drainage with erosion. No open throats.	---
F-33	36.65968	-86.535636	69, 70	Closed depression.	50
F-34	36.659787	-86.534879	71, 72	Surface water drainage and rill erosion. No open throats.	---
F-35	36.659418	-86.533857	73, 74, 75, 76	Erosion rill and sinkhole with open-throat.	100
F-36	36.659513	-86.535088	77, 78	Surface water drainage and rill erosion. No open throat.	50
F-37	36.659423	-86.535297	79, 80, 81, 82	Large, linear, closed depression with several surface water drainage channels into feature, and subsidence.	50
F-38	36.65848	-86.535773	83, 84	Large sink longer than wide. Apparent filled in with soil, rock, and debris.	100
F-39	36.657239	-86.534438	85, 86	A sinkhole with open throat and surface water draining into the feature	100
F-40	36.657713	-86.527887	87, 88	Exposed bedrock.	---
F-41	36.657564	-86.527214	89, 90	Exposed bedrock.	---
F-42	36.656761	-86.527016	no photo	Closed depression.	50

F-43	36.656532	-86.528236	91, 92	Surface water drainage and erosion rill.	---
F-44	36.656951	-86.529485	93, 94	Surface water drainage and erosion rill.	---
F-45	36.655598	-86.530506	95, 96	Surface water drainage, erosion rill and subsidence. 100 feet buffer is defined around the boring B-26 which encountered voids.	50
F-46	36.655202	-86.531413	no photo	Closed depression.	50
F-47	36.658073	-86.532238	97, 98	Surface water drainage and erosion rill draining to wooded area on southern end of the property.	50
F-48	36.657195	-86.533085	99, 100, 101, 102	Sinkholes in wooded area on southern portion of property with open throat.	100
F-49	36.655981	-86.534538	103, 104	Surface water drainage and rill erosion draining to wooded area.	---
F-50	36.656317	-86.534231	No photo	Closed depression.	50
F-51	36.655976	-86.534533	No photo	Closed depression.	50

SITE LOCATION PLAN

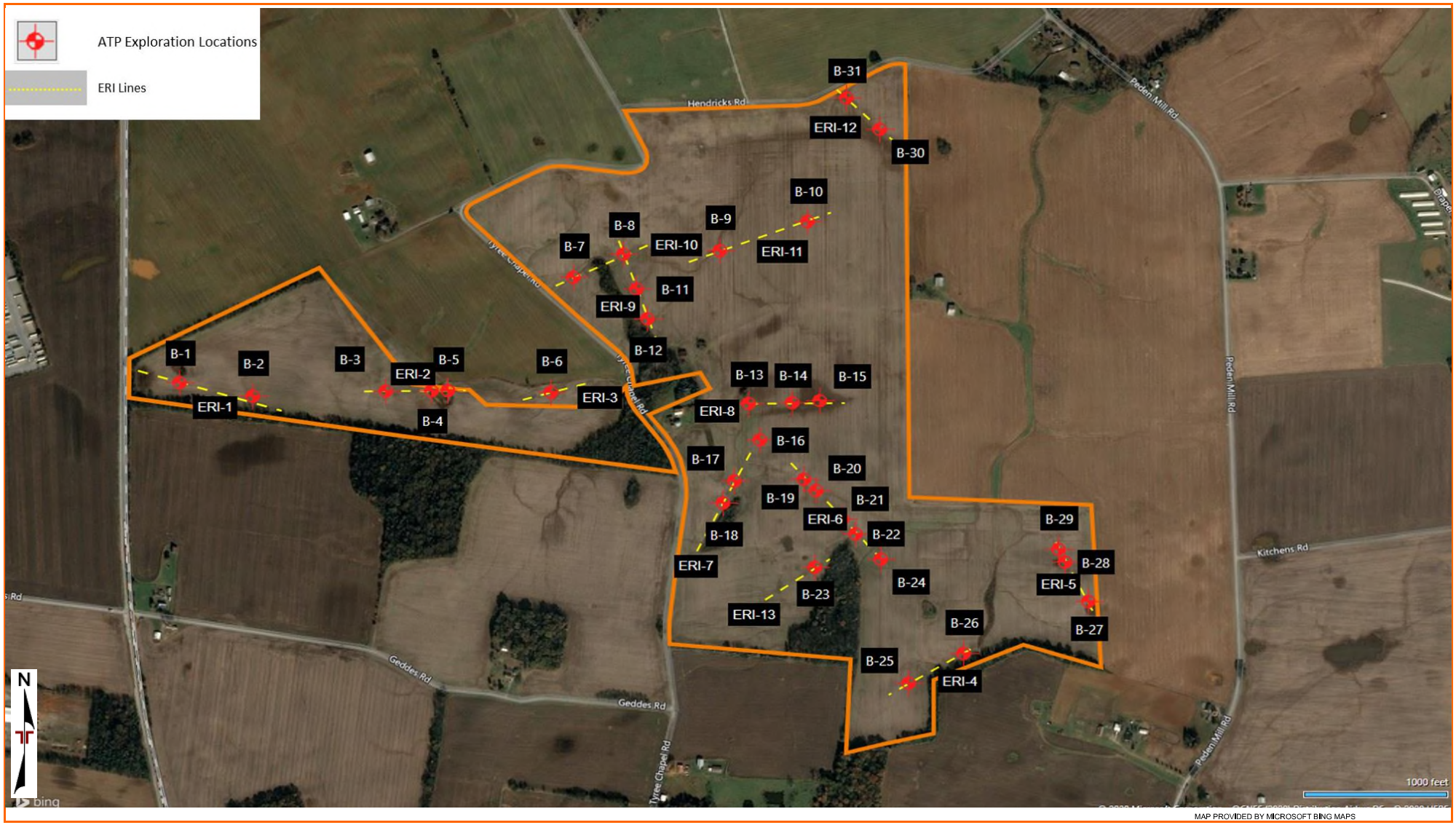
Proposed Hoffman Solar Projects ■ Franklin, Simpson County, Kentucky

August 4, 2020 ■ Terracon Project No. 57195114

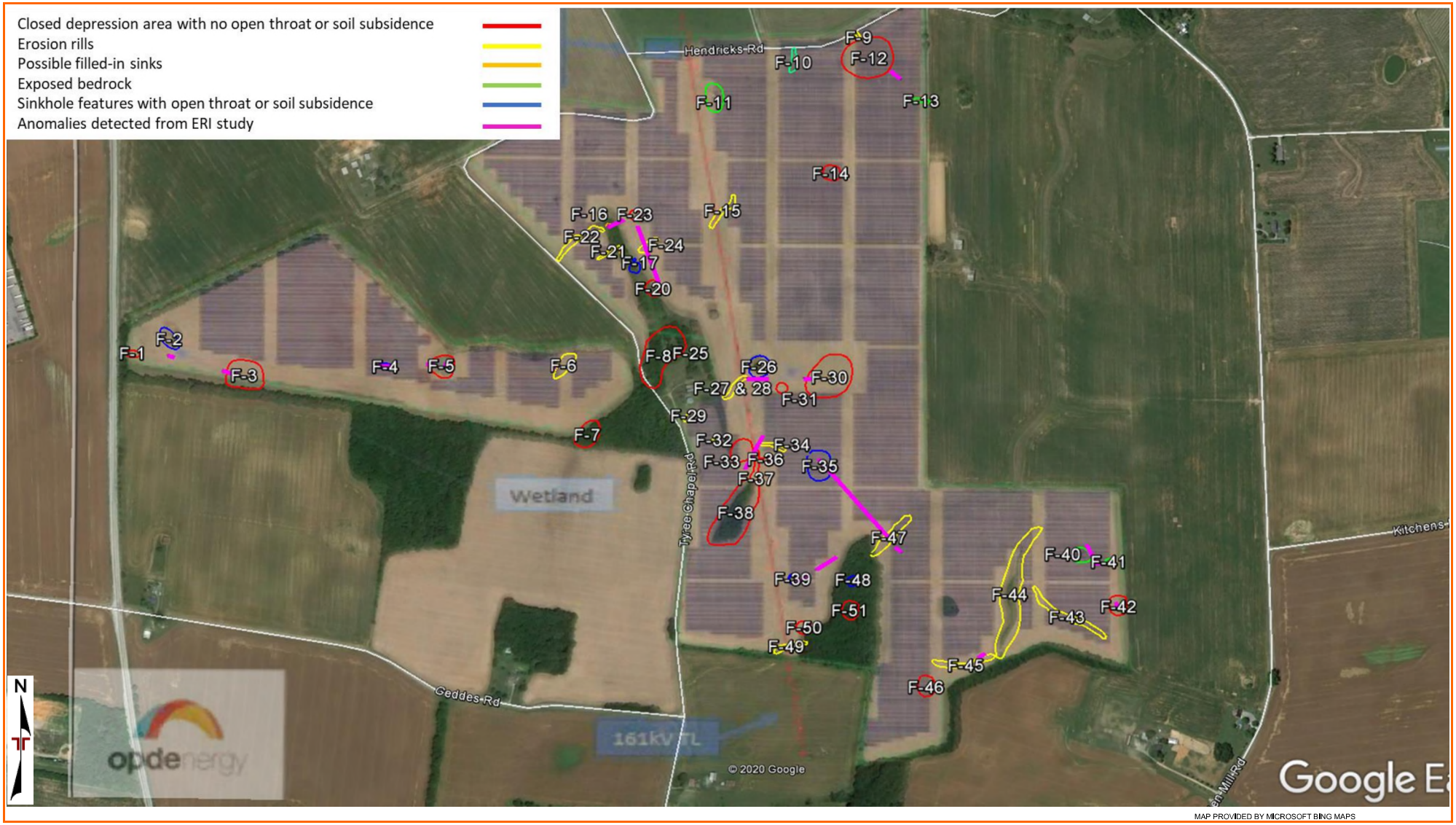
DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

MAP PROVIDED BY MICROSOFT BING MAPS

EXPLORATION PLAN – GEOPHYSICAL ELECTRICAL RESISTIVITY IMAGING (ERI) & AIR-TRACK PROBE (ATP) DRILLING LOCATIONS
Proposed Hoffman Solar Projects ■ Franklin, Simpson County, Kentucky
August 4, 2020 ■ Terracon Project No. 57195114



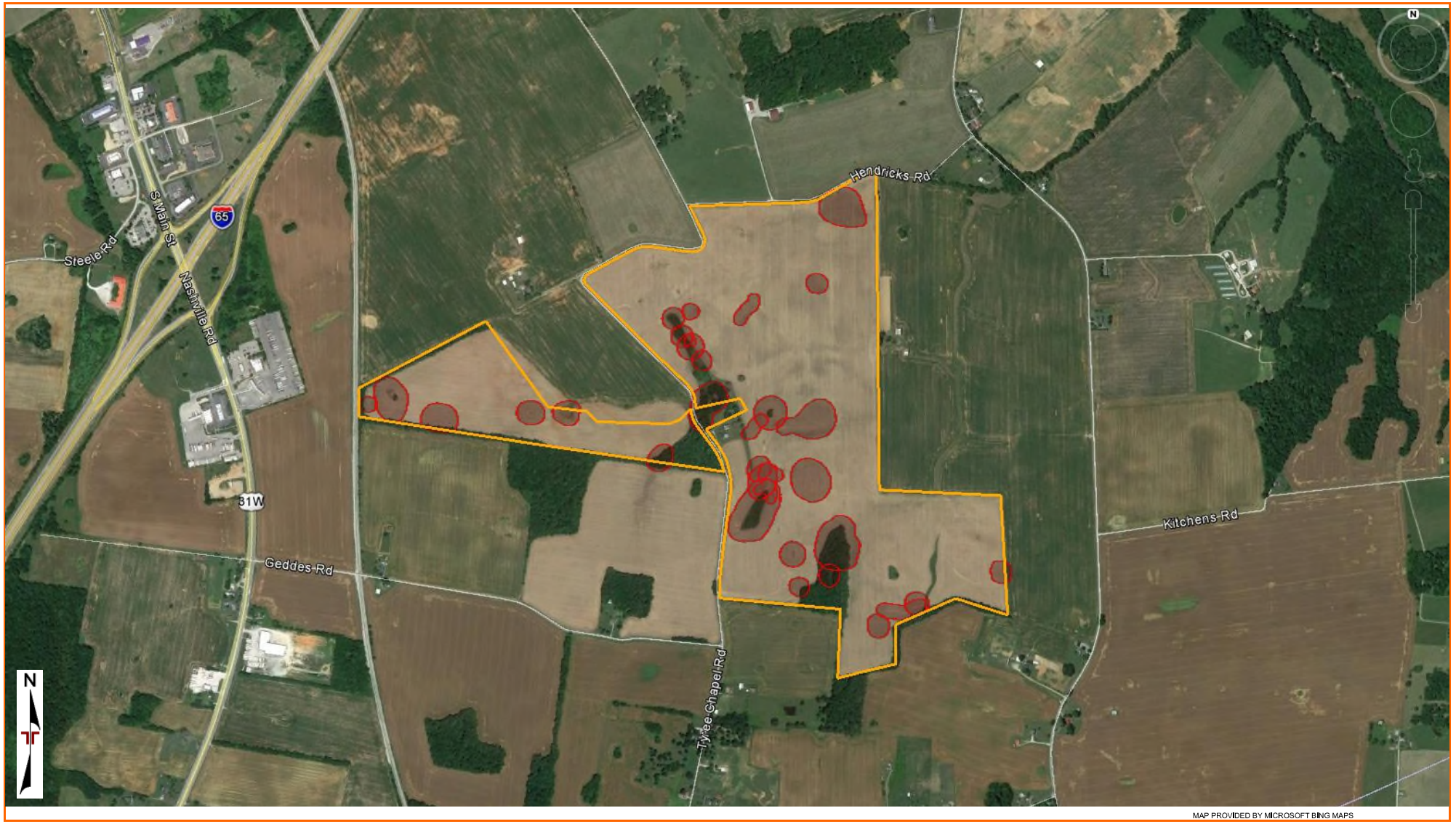
KARST FEATURE INVENTORY MAP
Proposed Hoffman Solar Projects ■ Franklin, Simpson County, Kentucky
August 4, 2020 ■ Terracon Project No. 57195114



KARST AVOIDANCE AREA

Proposed Hoffman Solar Projects ■ Franklin, Simpson County, Kentucky

August 4, 2020 ■ Terracon Project No. 57195114



EXPLORATION RESULTS

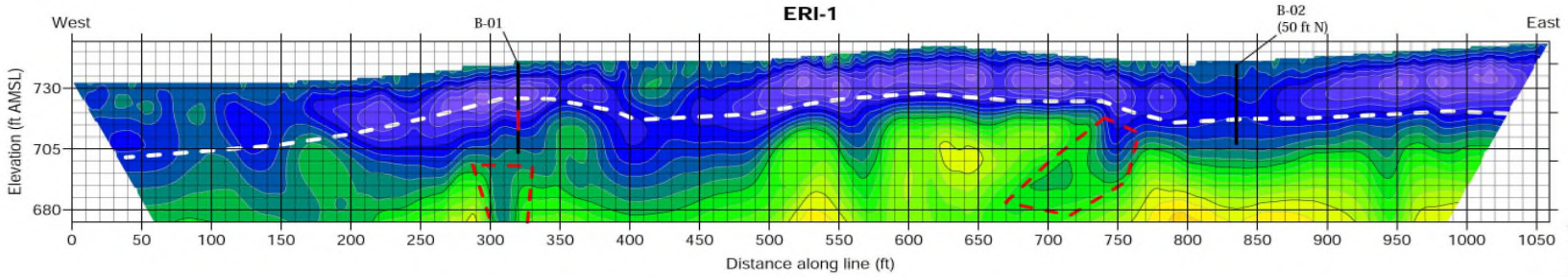
Contents:

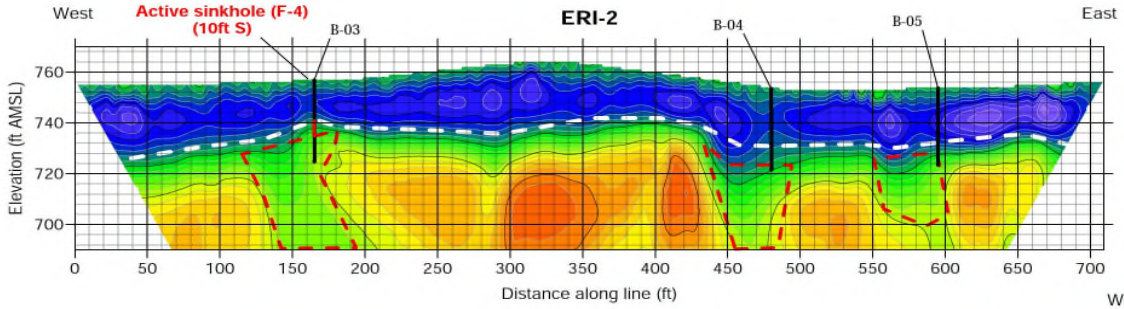
Geophysical Electrical Resistivity Imaging Profiles (5)
ATP Boring Logs

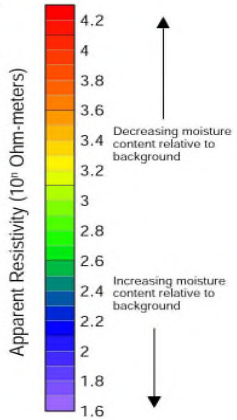
Note: All attachments are one page unless noted above.

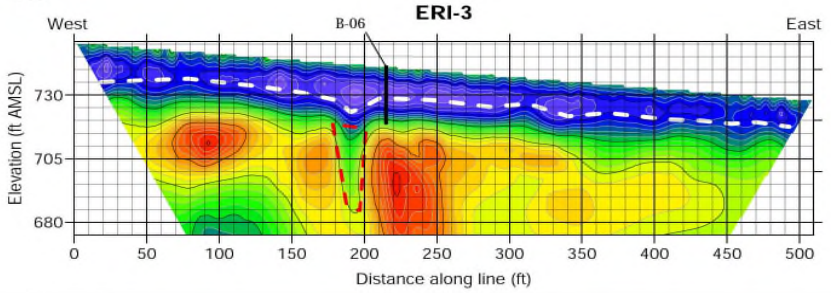
GEOPHYSICAL ELECTRICAL RESISTIVITY IMAGING PROFILES
Proposed Hoffman Solar Projects ■ Franklin, Simpson County, Kentucky
August 4, 2020 ■ Terracon Project No. 57195114

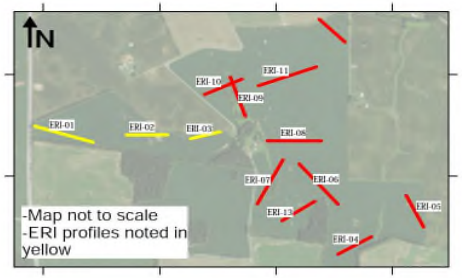
Terracon GeoReport







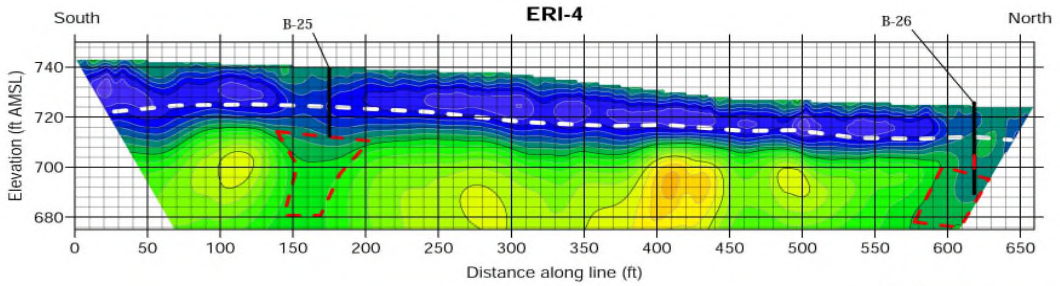


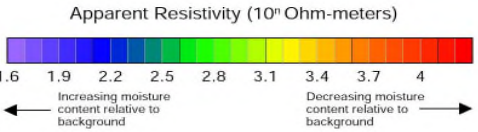


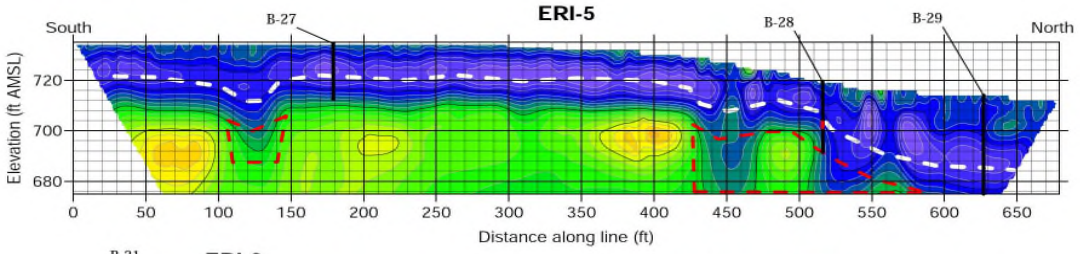
Legend	Notes	ERI Profiles 1, 2 & 3
Estimated top of weathered zone High potential for karst development (based on geophysical data) B-01 Sounding location, designation and extents (red where voids observed)	1. Elevation information estimated using LIDAR terrain data from KyFromAbove.gov. 2. Profile Scales: Horizontal 1" = 80' Vertical 1" = 40' 3. AMSL = Above Mean Sea Level 4. Sounding locations are approximate	Terracon

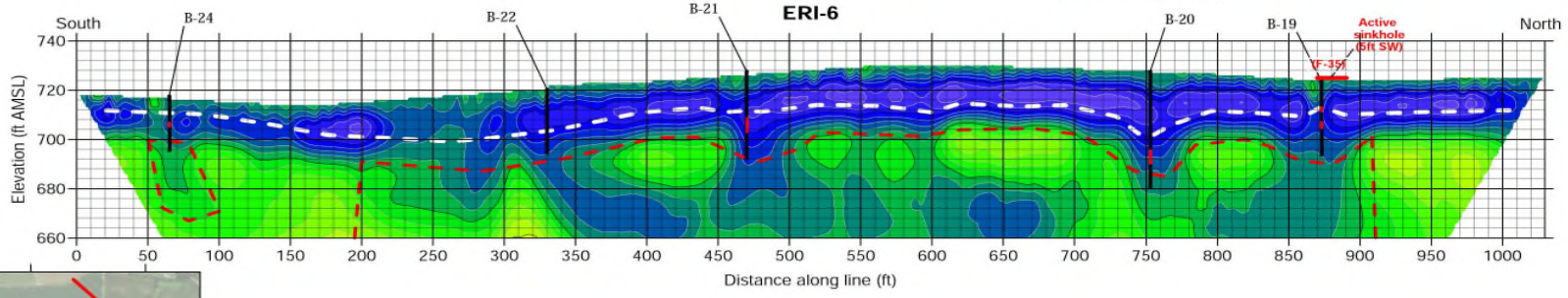
GEOPHYSICAL ELECTRICAL RESISTIVITY IMAGING PROFILES
Proposed Hoffman Solar Projects ■ Franklin, Simpson County, Kentucky
August 4, 2020 ■ Terracon Project No. 57195114

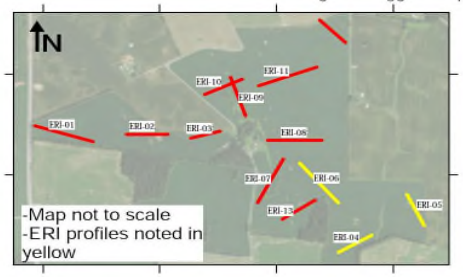
Terracon GeoReport







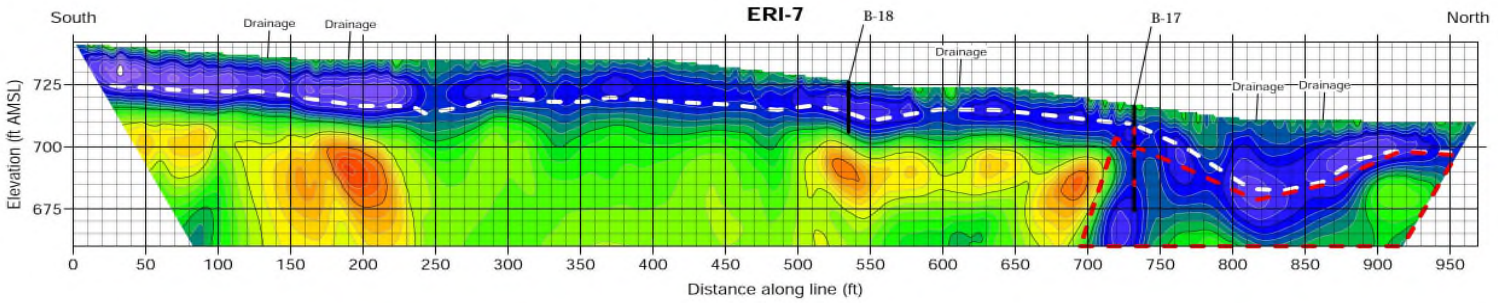


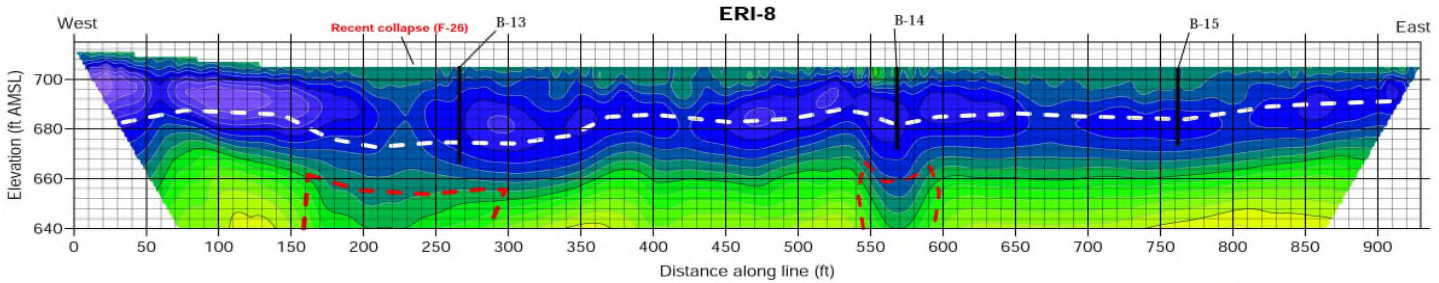


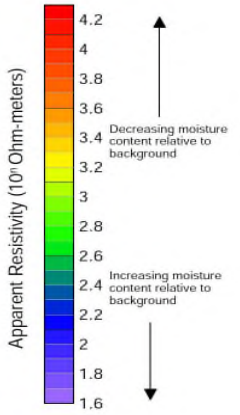
Legend	Notes	ERI Profiles 4, 5, & 6
Estimated top of weathered zone High potential for karst development (based on geophysical data) B-01 Sounding location, designation and extents (red where voids observed)	1. Elevation information estimated using LIDAR terrain data from KyFromAbove.gov. 2. Profile Scales: Horizontal 1" = 80' Vertical 1" = 40' 3. AMSL = Above Mean Sea Level 4. Sounding locations approximate	Terracon

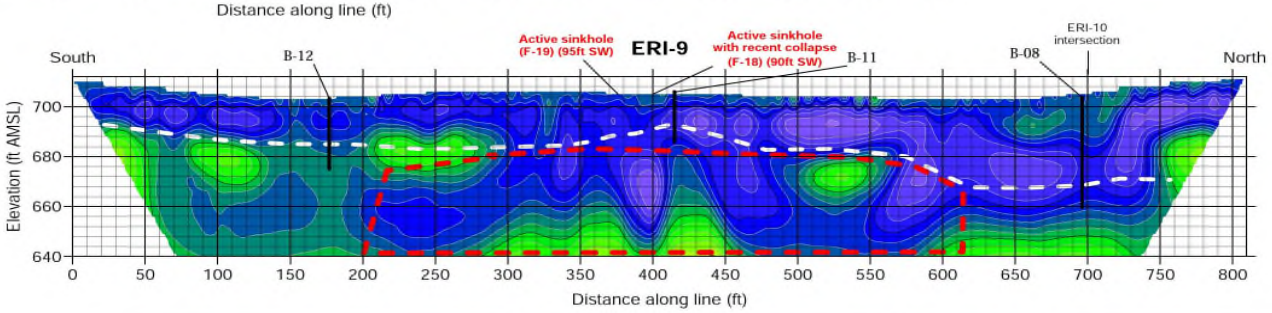
GEOPHYSICAL ELECTRICAL RESISTIVITY IMAGING PROFILES
Proposed Hoffman Solar Projects ■ Franklin, Simpson County, Kentucky
August 4, 2020 ■ Terracon Project No. 57195114

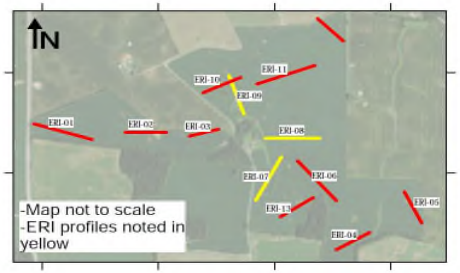
Terracon GeoReport







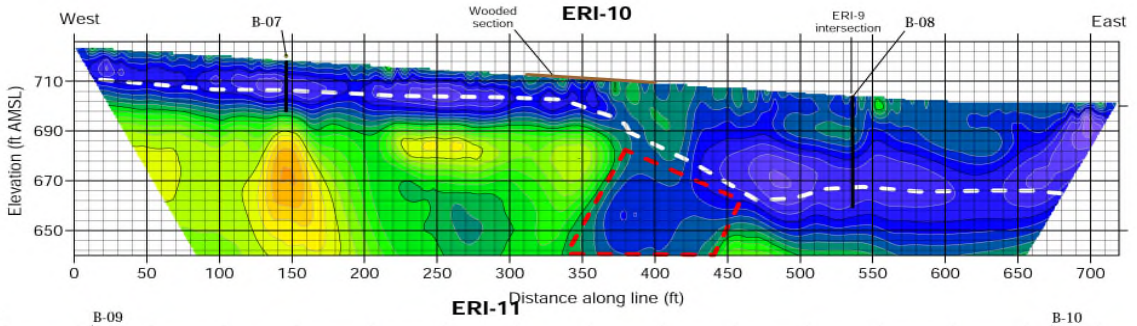


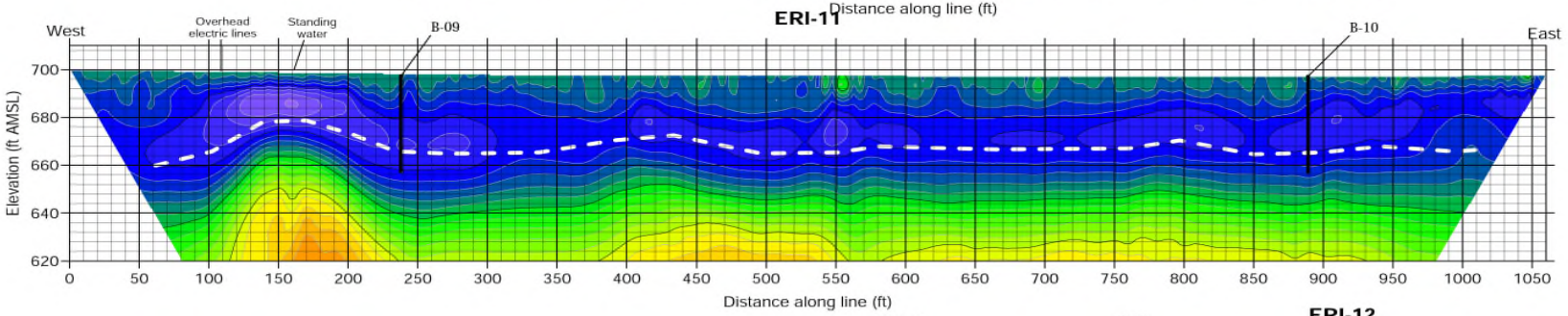


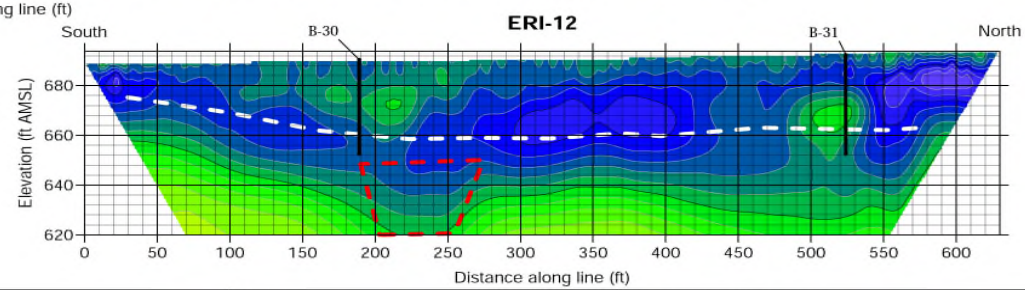
Legend	Notes	ERI Profiles 7, 8 & 9
Estimated top of weathered zone High potential for karst development (based on geophysical data) B-01 Sounding location, designation and extents (red where voids observed)	1. Elevation information estimated using LIDAR terrain data from KyFromAbove.gov. 2. Profile Scales: Horizontal 1" = 80' Vertical 1" = 40' 3. AMSL = Above Mean Sea Level 4. Sounding locations approximate	Terracon

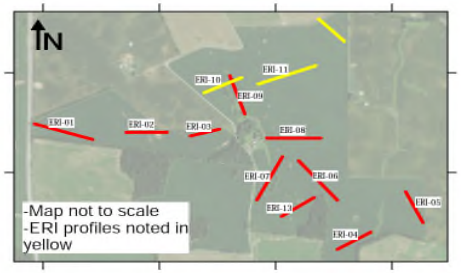
GEOPHYSICAL ELECTRICAL RESISTIVITY IMAGING PROFILES
Proposed Hoffman Solar Projects ■ Franklin, Simpson County, Kentucky
August 4, 2020 ■ Terracon Project No. 57195114

Terracon GeoReport

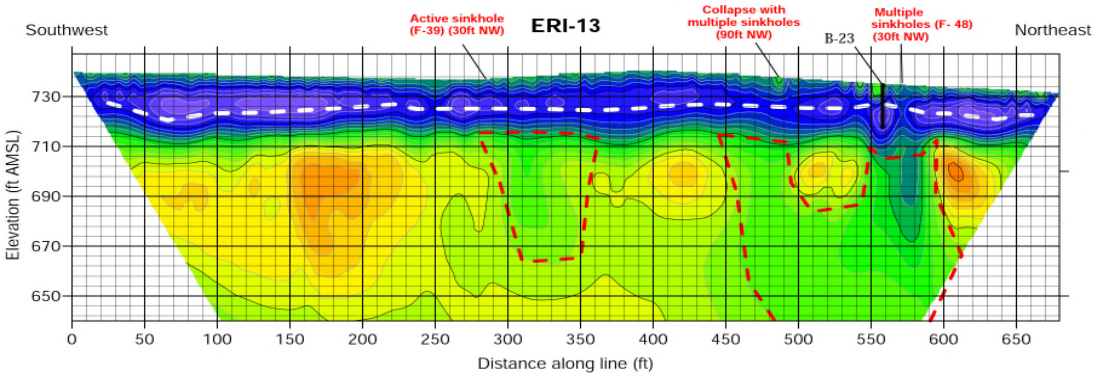


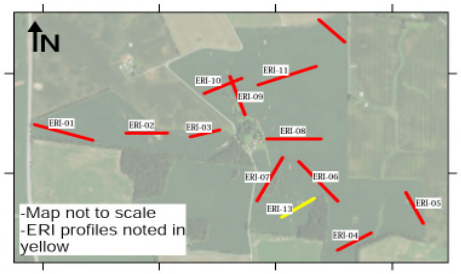






Legend	Notes	ERI Profiles 10, 11 & 12
Estimated top of weathered zone High potential for karst development (based on geophysical data) B-01 Sounding location, designation and extents (red where voids observed)	1. Elevation information estimated using LIDAR terrain data from KyFromAbove.gov. 2. Profile Scales: Horizontal 1" = 80' Vertical 1" = 40' 3. AMSL = Above Mean Sea Level 4. Sounding locations approximate	Terracon





Legend	Notes	ERI Profile 13
Estimated top of weathered zone High potential for karst development (based on geophysical data) B-01 Sounding location, designation and extents (red where voids observed)	1. Elevation information estimated using LIDAR terrain data from KyFromAbove.gov. 2. Profile Scales: Horizontal 1" = 80' Vertical 1" = 40' 3. AMSL = Above Mean Sea Level 4. Sounding locations approximate	Terracon

BORING LOG NO. B-1

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6615° Longitude: -86.5487°

Approximate Surface Elev.: 739 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	GRAPHIC LOG	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
LEAN CLAY/FAT CLAY (CL/CH)					
12.0	727+/-				
LIMESTONE					
19.0	720+/-				
VOID					
26.0	713+/-				
LIMESTONE					
36.0	703+/-				
Boring Terminated at 36 Feet					

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-1.
South of feature F-2.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-2

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6612° Longitude: -86.5469°

Approximate Surface Elev.: 740 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	GRAPHIC LOG	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
LEAN CLAY/FAT CLAY (CL/CH)					
22.0	718+/-				
LIMESTONE					
32.0	708+/-				
Boring Terminated at 32 Feet					

5 10 15 20 25 30

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-1.
Within feature F-3.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-3

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6613° Longitude: -86.5438°

Approximate Surface Elev.: 757 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	GRAPHIC LOG	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
LEAN CLAY/FAT CLAY (CL/CH)					
14.0	743+/-				
LIMESTONE					
16.0	741+/-				
VOID					
22.0	735+/-				
LIMESTONE					
32.0	725+/-				
Boring Terminated at 32 Feet					

5 10 15 20 25 30

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-2.
Within feature F-4.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-4

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6613° Longitude: -86.5427°

Approximate Surface Elev.: 753 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5, 10, 15, 20, 25, 30		
	22.0	731+/-			
	LIMESTONE				
	32.0	721+/-			
	Boring Terminated at 32 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-2.
Within feature F-5.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-5

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6613° Longitude: -86.5423°

Approximate Surface Elev.: 753 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5, 10, 15, 20		
	20.0	733+/-			
	LIMESTONE		25, 30		
	30.0	723+/-			
	Boring Terminated at 30 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-2.
Within feature F-5.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-6

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6613° Longitude: -86.5398°

Approximate Surface Elev.: 741 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5, 10		
	12.0	729+/-			
	LIMESTONE		15, 20		
	22.0	719+/-			
	Boring Terminated at 22 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-3.
Within feature F-6.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020	Boring Completed: 07-08-2020
Drill Rig: T-450	Driller: G. Hosler
Project No.: 57195114	

BORING LOG NO. B-7

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6637° Longitude: -86.5393°

Approximate Surface Elev.: 720 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	
		LEAN CLAY/FAT CLAY (CL/CH)
8.0	712+/-	
10.0	710+/-	**LIMESTONE**
11.0	709+/-	**VOID**
		LIMESTONE
22.0	698+/-	
		Boring Terminated at 22 Feet

GRAPHIC LOG | DEPTH (Ft.) | WATER LEVEL OBSERVATIONS | SAMPLE TYPE

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-10.
South of feature F-22.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020 | Boring Completed: 07-07-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-8

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6642° Longitude: -86.5381°

Approximate Surface Elev.: 704 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5, 10, 15, 20, 25, 30, 35, 40		
	34.0	670+/-			
	LIMESTONE				
	44.0	660+/-			
	Boring Terminated at 44 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-10.
Within feature F-23.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020 | Boring Completed: 07-07-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-9

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6643° Longitude: -86.5358°

Approximate Surface Elev.: 697 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	GRAPHIC LOG	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
LEAN CLAY/FAT CLAY (CL/CH)					
30.0	667+/-				
LIMESTONE					
40.0	657+/-				
Boring Terminated at 40 Feet					

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-11.
South of feature F-15.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020 | Boring Completed: 07-07-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-10

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6649° Longitude: -86.5337°

Approximate Surface Elev.: 697 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	GRAPHIC LOG	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
LEAN CLAY/FAT CLAY (CL/CH)					
30.0	667+/-				
LIMESTONE					
40.0	657+/-				
Boring Terminated at 40 Feet					

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-11.
Southwest of feature F-14.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020 | Boring Completed: 07-07-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-11

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6635° Longitude: -86.5378°

Approximate Surface Elev.: 706 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5		
	9.0	697+/-			
	LIMESTONE		10		
			15		
	20.0	686+/-	20		
	Boring Terminated at 20 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-9.
South of feature F-24.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020	Boring Completed: 07-07-2020
Drill Rig: T-450	Driller: G. Hosler
Project No.: 57195114	

BORING LOG NO. B-12

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6628° Longitude: -86.5375°

Approximate Surface Elev.: 703 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5, 10, 15		
	18.0	685+/-			
	LIMESTONE		20, 25		
	28.0	675+/-			
	Boring Terminated at 28 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-9.
Within feature F-20.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020 | Boring Completed: 07-07-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-13

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.661° Longitude: -86.5351°

Approximate Surface Elev.: 705 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5, 10, 15, 20, 25, 30, 35		
	28.0	677+/-			
	LIMESTONE				
	38.0	667+/-			
	Boring Terminated at 38 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-8.
South of feature F-26.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020 | Boring Completed: 07-07-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-14

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6611° Longitude: -86.5341°

Approximate Surface Elev.: 705 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5, 10, 15, 20, 25, 30		
	22.0	683+/-			
	LIMESTONE				
	32.0	673+/-			
	Boring Terminated at 32 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-8.
Within feature F-30.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020	Boring Completed: 07-07-2020
Drill Rig: T-450	Driller: G. Hosler
Project No.: 57195114	

BORING LOG NO. B-15

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6611° Longitude: -86.5335°

Approximate Surface Elev.: 705 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)				
	20.0	685+/-			
	LIMESTONE				
	30.0	675+/-			
	Boring Terminated at 30 Feet				

5
10
15
20
25
30

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-8.
Within feature F-30.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020 | Boring Completed: 07-07-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-16

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6603° Longitude: -86.5349°

Approximate Surface Elev.: 708 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5, 10, 15, 20		
	24.0	684+/-			
	LIMESTONE		25, 30		
	34.0	674+/-			
	Boring Terminated at 34 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Located about 185 ft on the south of F-31 and 160 ft on the north side of feature F-34.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-17

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6594° Longitude: -86.5355°

Approximate Surface Elev.: 716 (Ft.) +/-

GRAPHIC LOG	DEPTH		ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
		LEAN CLAY/FAT CLAY (CL/CH)				
	6.0		710+/-	5		
		LIMESTONE				
	9.0		707+/-			
		VOID		10		
	11.0		705+/-			
		LIMESTONE		15		
	18.0		698+/-			
		VOID				
	20.0		696+/-	20		
		LIMESTONE		25		
	30.0		686+/-			
		VOID		30		
	32.0		684+/-			
		LIMESTONE		35		
	42.0		674+/-			
		Boring Terminated at 42 Feet		40		

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-7.
South of feature F-33. West of feature F-37.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020 | Boring Completed: 07-07-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-18

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.659° Longitude: -86.5358°

Approximate Surface Elev.: 726 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)				
	10.0	716+/-			
	LIMESTONE				
	20.0	706+/-			
	Boring Terminated at 20 Feet				

5 10 15 20

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-7.
Within feature F-38.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020 | Boring Completed: 07-07-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-19

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6595° Longitude: -86.5338°

Approximate Surface Elev.: 725 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	
		LEAN CLAY/FAT CLAY (CL/CH)
10.0	715+/-	
11.0	714+/-	**LIMESTONE**
12.0	713+/-	**VOID**
		LIMESTONE
17.0	708+/-	
		VOID
19.0	706+/-	
		LIMESTONE
30.0	695+/-	
		Boring Terminated at 30 Feet

GRAPHIC LOG | DEPTH (Ft.) | WATER LEVEL OBSERVATIONS | SAMPLE TYPE

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-6.
Within feature F-35.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-20

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6592° Longitude: -86.5335°

Approximate Surface Elev.: 728 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	
		LEAN CLAY/FAT CLAY (CL/CH)
25.0	703+/-	**LIMESTONE**
32.0	696+/-	**VOID**
37.0	691+/-	**LIMESTONE**
47.0	681+/-	***Boring Terminated at 47 Feet***

GRAPHIC LOG | DEPTH (Ft.) | WATER LEVEL OBSERVATIONS | SAMPLE TYPE

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-6.
South of feature F-35.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-21

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6586° Longitude: -86.5329°

Approximate Surface Elev.: 728 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	GRAPHIC LOG	DESCRIPTION
			LEAN CLAY/FAT CLAY (CL/CH)
16.0	712+/-		
			LIMESTONE
19.0	709+/-		
			VOID
24.5	703.5+/-		
			LIMESTONE
35.0	693+/-		
			Boring Terminated at 35 Feet

DEPTH (Ft.) 5 10 15 20 25 30 35

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-6.
Southeast of feature F-35.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-22

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6583° Longitude: -86.5326°

Approximate Surface Elev.: 720 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5, 10, 15		
	16.0	704+/-			
	LIMESTONE		20, 25		
	26.0	694+/-			
	Boring Terminated at 26 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-6.
Northwest of feature F-47.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-23

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6576° Longitude: -86.5336°

Approximate Surface Elev.: 735 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5		
	7.0	728+/-			
	LIMESTONE		10		
			15		
	17.0	718+/-			
	Boring Terminated at 17 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-13.
Northwest of feature F-48.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-24

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6578° Longitude: -86.532°

Approximate Surface Elev.: 718 (Ft.) +/-

DEPTH		ELEVATION (Ft.)
1.5	**LEAN CLAY/FAT CLAY (CL/CH)**	716.5+/-
	LIMESTONE	
11.0		707+/-
12.0	**VOID**	706+/-
	LIMESTONE	
22.0		696+/-
	Boring Terminated at 22 Feet	

GRAPHIC LOG | DEPTH (Ft.) | WATER LEVEL OBSERVATIONS | SAMPLE TYPE

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-6.
Southeast of feature F-24.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-25

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6552° Longitude: -86.5313°

Approximate Surface Elev.: 740 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5, 10, 15		
	17.0	723+/-			
	LIMESTONE		20, 25		
	27.0	713+/-			
	Boring Terminated at 27 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-4.
Within feature F-46.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-26

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6558° Longitude: -86.53°

Approximate Surface Elev.: 725 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	GRAPHIC LOG	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
LEAN CLAY/FAT CLAY (CL/CH)					
12.0	713+/-				
LIMESTONE					
21.0	704+/-				
VOID					
26.0	699+/-				
LIMESTONE					
36.0	689+/-				
Boring Terminated at 36 Feet					

5 10 15 20 25 30 35

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-4.
Within feature F-45.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-27

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6569° Longitude: -86.5271°

Approximate Surface Elev.: 735 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5, 10		
	12.0	723+/-			
	LIMESTONE		15, 20		
	22.0	713+/-			
	Boring Terminated at 22 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-5.
Within feature F-42.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-28

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6577° Longitude: -86.5276°

Approximate Surface Elev.: 720 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)				
	13.0	707+/-			
	LIMESTONE				
	16.0	704+/-			
	VOID				
	18.0	702+/-			
	LIMESTONE				
	28.0	692+/-			
	Boring Terminated at 28 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map.

Notes:
Along ERI-5.
Within feature F-40.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-29

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.658° Longitude: -86.5278°

Approximate Surface Elev.: 714 (Ft.) +/-

GRAPHIC LOG	DEPTH	ELEVATION (Ft.)	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
	LEAN CLAY/FAT CLAY (CL/CH)		5, 10, 15, 20, 25, 30, 35		
	29.0	685+/-			
	LIMESTONE				
	39.0	675+/-			
	Boring Terminated at 39 Feet				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-5.
North of feature F-40.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-08-2020 | Boring Completed: 07-08-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-30

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6668° Longitude: -86.532°

Approximate Surface Elev.: 691 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	GRAPHIC LOG	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
		LEAN CLAY/FAT CLAY (CL/CH)	5, 10, 15, 20, 25, 30, 35		
28.0	663+/-				
		LIMESTONE			
38.0	653+/-				
		Boring Terminated at 38 Feet			

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-12.
Southeast of feature F-12.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020 | Boring Completed: 07-07-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

BORING LOG NO. B-31

PROJECT: Hoffman Solar Facility

CLIENT: Horus Renewables Corp
West Sacramento, CA

SITE: Tyree Chapel Road
Franklin, KY

LOCATION See Exploration Plan

Latitude: 36.6675° Longitude: -86.5328°

Approximate Surface Elev.: 692 (Ft.) +/-

DEPTH	ELEVATION (Ft.)	GRAPHIC LOG	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE
LEAN CLAY/FAT CLAY (CL/CH)					
30.0	662+/-				
LIMESTONE					
40.0	652+/-				
Boring Terminated at 40 Feet					

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method:
Rotary drilling with compressed air.

Abandonment Method:

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Elevations were interpolated from LIDAR 2-feet contour map

Notes:
Along ERI-12.
Within feature F-12.

WATER LEVEL OBSERVATIONS

Groundwater levels were not observed due to drillign method.

Terracon
13050 Eastgate Park Way Ste 101
Louisville, KY

Boring Started: 07-07-2020 | Boring Completed: 07-07-2020

Drill Rig: T-450 | Driller: G. Hosler

Project No.: 57195114

PHOTOGRAPHY LOG