



Appendix D

Field Task Photolog

PHOTOGRAPHIC LOG

Client Name:
Pepco and Pepco Energy Services

Site Location:
3400 Benning Road NE, Washington D.C.

Project No.
60340344

Photo No.
1

Date:
6/ 2013

Direction Photo Taken:

East

Description

Utility Clearance

All utilities were marked in the field with their respective paint color.



Photo No. 2, 3	Date: 2/ 2013		
Direction Photo Taken: Left- East Right- West			
Description Electrical Resistivity Imaging (ERI) Transect Line WAS02			

Photo No. 4	Date: 2/ 2013	
Direction Photo Taken: South		
Description Electrical Resistivity Imaging (ERI) Transect Line WAS-10 and Aestus, LLC support vehicle/ trailer.		

Photo No. 5, 6	Date: 3/ 2013		
Direction Photo Taken: Top Left- N/A Bottom Right- East			
Description Geotechnical Soil Borings Hollow-Stem auger drill rig used to collect geotechnical samples. Borings advanced 10 feet into Arundel Clay confining layer. Shown are geotechnical borings SB-2 (left) and SB-3 (right).			

Photo No. 7, 8	Date: 3/ 2013		
Direction Photo Taken: N/A			
Description Geotechnical Soil Borings Examples of split spoon geotechnical samples. Shown are samples from geotechnical borings SB-3 (left) and SB-1 (right).			

Photo No. 9	Date: 3/ 2013- 6/ 2013
Direction Photo Taken: N/A	
Description DPT soil borings were advanced with 5ft cores to identify potential sources of contamination, log lithologic data and and collect soil samples.	



Photo No. 10	Date: 3/ 2013- 6/ 2013
Direction Photo Taken: N/A	
Description DPT Subsurface Investigation Temporary monitoring well installed to collect groundwater samples. Shown is boring DP30.	



Photo No. 11	Date: 3/ 2013- 6/ 2013
Direction Photo Taken: N/A	
Description DPT Subsurface Investigation Temporary monitoring well installed to collect groundwater samples.	



Photo No. 12, 13	Date: 3/ 2013- 6/ 2013
Direction Photo Taken: N/A	
Description DPT Subsurface Investigation Groundwater water samples were collected using temporary well screens and DPT screen point samplers. Groundwater quality measurements were collected using a YSI556 water quality sonde.	



Photo No. 14	Date: 4/2014
Direction Photo Taken: West	
Description PCE Source Investigation Geoprobe used for drilling and groundwater collection. Shown is boring DP-B3.	



Photo No. 15, 16	Date: 4/2014
Direction Photo Taken: N/A	
Description PCE Source Investigation Top Left- New Age/Landmark, Inc mobile laboratory Bottom Right- Grab groundwater samples collected via temporary well point at boring DP-A2.	

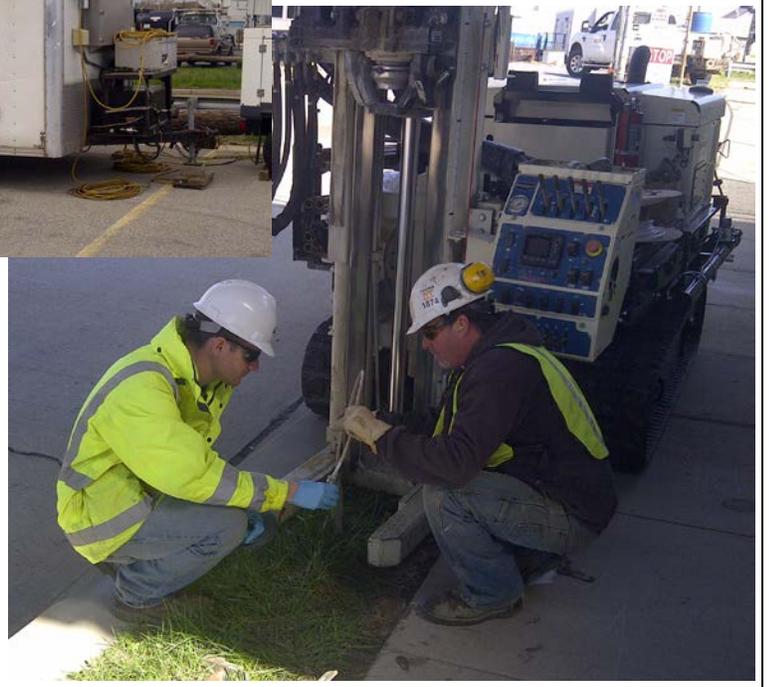


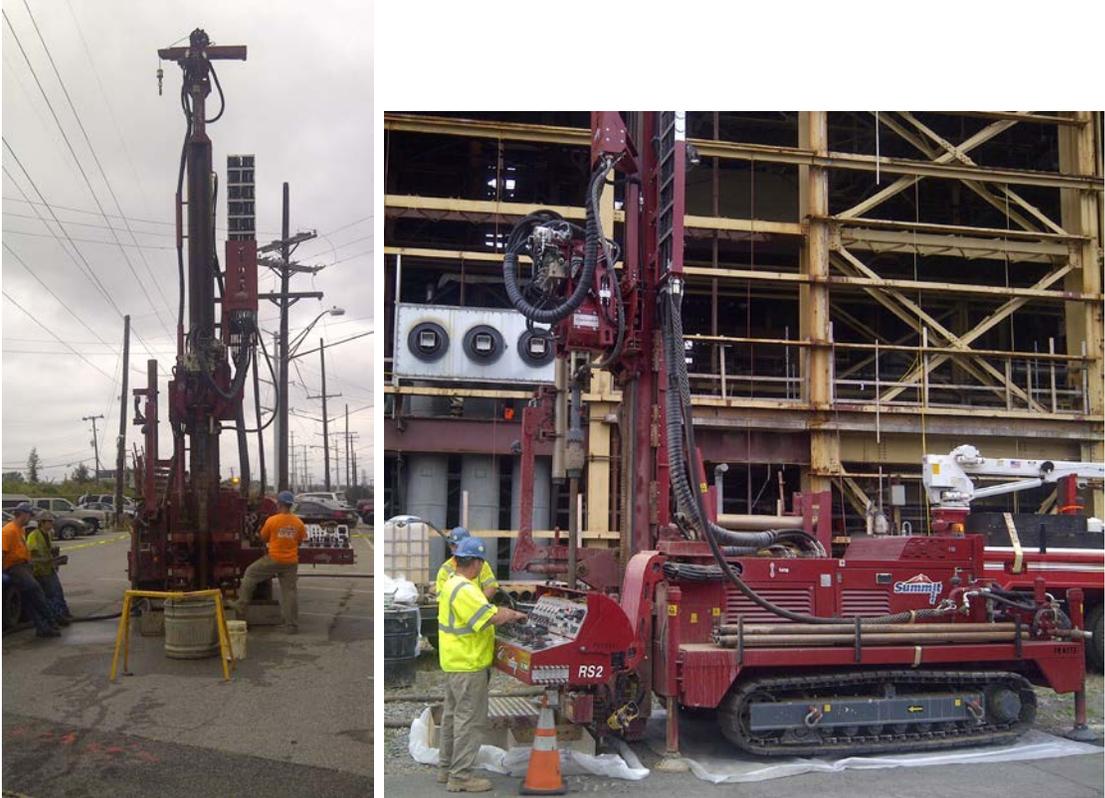
Photo No. 17, 18	Date: 9/ 2014- 10/ 2014	
Direction Photo Taken: Left- West Right- West		
Description Monitoring Well Installation Sonic drill rig used to drill and install monitoring wells. Shown are wells MW-15 (left) and MW-4 (right).		

Photo No. 19, 20	Date: 9/ 2014- 10/ 2014	
Direction Photo Taken: N/A		
Description Monitoring Well Installation Top Left- AECOM field geologist logging soil lithology to determine UWZ and LWZ. Bottom Right- Example of a soil core.		

Photo No. 21	Date: 9/ 2014- 10/ 2014
Direction Photo Taken: N/A	
Description Monitoring Well Installation Both paired monitoring wells secured with flushmount. After installation complete, monitoring wells developed until a clear, sediment-free discharge achieved.	



Photo No. 22	Date: 10/ 2014
Direction Photo Taken: Left- N/A Right- N/A	
Description Monitoring Well Sampling and Gauging Monitoring well groundwater sampling was achieved via Hydrasleeve passive grab samplers.	



Photo No. 23	Date: 12/ 2014
Direction Photo Taken: N/A	
Description Aquifer Testing Slug test setup for testing each aquifer.	



Photo No. 24	Date: 9/ 2014- 10/ 2014
Direction Photo Taken: Northwest	
Description Cooling Tower Basins Sampling Subcontractor E2CR using a hand auger to collect soil samples from cooling tower basins.	



Photo No. 25, 26	Date: 2/ 2013	
Direction Photo Taken: Left- North Right- West		
Description Bathymetric and Utility Surveys Left- Installed Outfall 013 tide board Right- Installed tide board on a bridge pier of the Benning Road Bridge.		

Photo No. 27, 28	Date: 9/ 2013- 10/ 2013	
Direction Photo Taken: N/A		
Description Surface Water Sampling Left- Surface water sampling setup including GPS, depth-to-bottom measuring tape and YSI6920 V2. Right- On boat setup for data logging surface water quality parameters.		

Photo No. 29, 30	Date: 11/ 2013- 1/ 2014	
Direction Photo Taken: Left- N/A Right- South		
Description Surface Sediment Sampling Left- Dual YSI6920 V2 water quality sondes for measuring turbidity Right- Turbidity monitoring vessel with PEPCO power plant in background.		

Photo No. 31	Date: N/A	
Direction Photo Taken: N/A		
Description Surface Sediment Sampling Image of a petite ponar grab sampler.		

Photo No. 32, 33	Date: 11/ 2013- 1/ 2014
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Direction Photo Taken:

N/A

Description

Staging Area

Sediment sample logging and preparation area on Kingman Island



Photo No. 34	Date: 11/ 2013- 1/ 2014
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Direction Photo Taken:

N/A

Description

Surface and Subsurface Sediment Sampling

Platform vessel equipped with vibracore sampling equipment and support vessel.



Photo No. 35	Date: 11/ 2013- 1/ 2014	
Direction Photo Taken:		
Description Surface and Subsurface Sediment Sampling Platform vibracore vessel and turbidity monitoring vessel.		

Photo No. 36	Date: 11/ 2013- 1/ 2014	
Direction Photo Taken: Left- N/A Right- N/A		
Description Surface and Subsurface Sediment Sampling Left- Portable vibracore used to collect surface and subsurface sediment samples on mudflat Right- Portable vibracore used to collect surface and subsurface sediment samples at Background Location #1		

Photo No. 37, 38	Date: N/A	
Direction Photo Taken: Top left- N/A Bottom right- N/A		
Description Investigative-Derived Waste Top Left- Drum storage area for liquid waste adjacent to Building 68. Bottom right- Rolloff for solid waste adjacent to Building 68.		
		

Photo No. 39	Date: 12/ 2016	
Direction Photo Taken: Down		
Description Onsite Monitoring Well Redevelopment Well scrubber adjacent to 2-inch PVC well riser.		

Photo No. 40, 41	Date: 12/ 2016	
Direction Photo Taken: N/A		
Description Monitoring Well Repair for MW-08A and MW-08B Left: New PVC risers coupled to existing risers Right: New PVC risers cemented and cut to grade, outer pipe sealed.		

Photo No. 40, 41	Date: 3/ 2017	
Direction Photo Taken: Top left: South Bottom right: Southwest		
Description Off-site Geophysical Survey Seismic refraction testing at Fort Mahan Park in Northeast Washington DC		

Photo No. 42	Date: 4/ 2017	
Direction Photo Taken: Southeast		
Description Kenilworth Maintenance Yard Soil Sampling DPT boring in Kenilworth Maintenance Yard for soil sample collection		

Photo No. 43, 44	Date: 4/ 2017	
Direction Photo Taken: N/A		
Description Kenilworth Maintenance Yard Soil Sampling Soil samples collected in accordance with incremental sampling methodology		

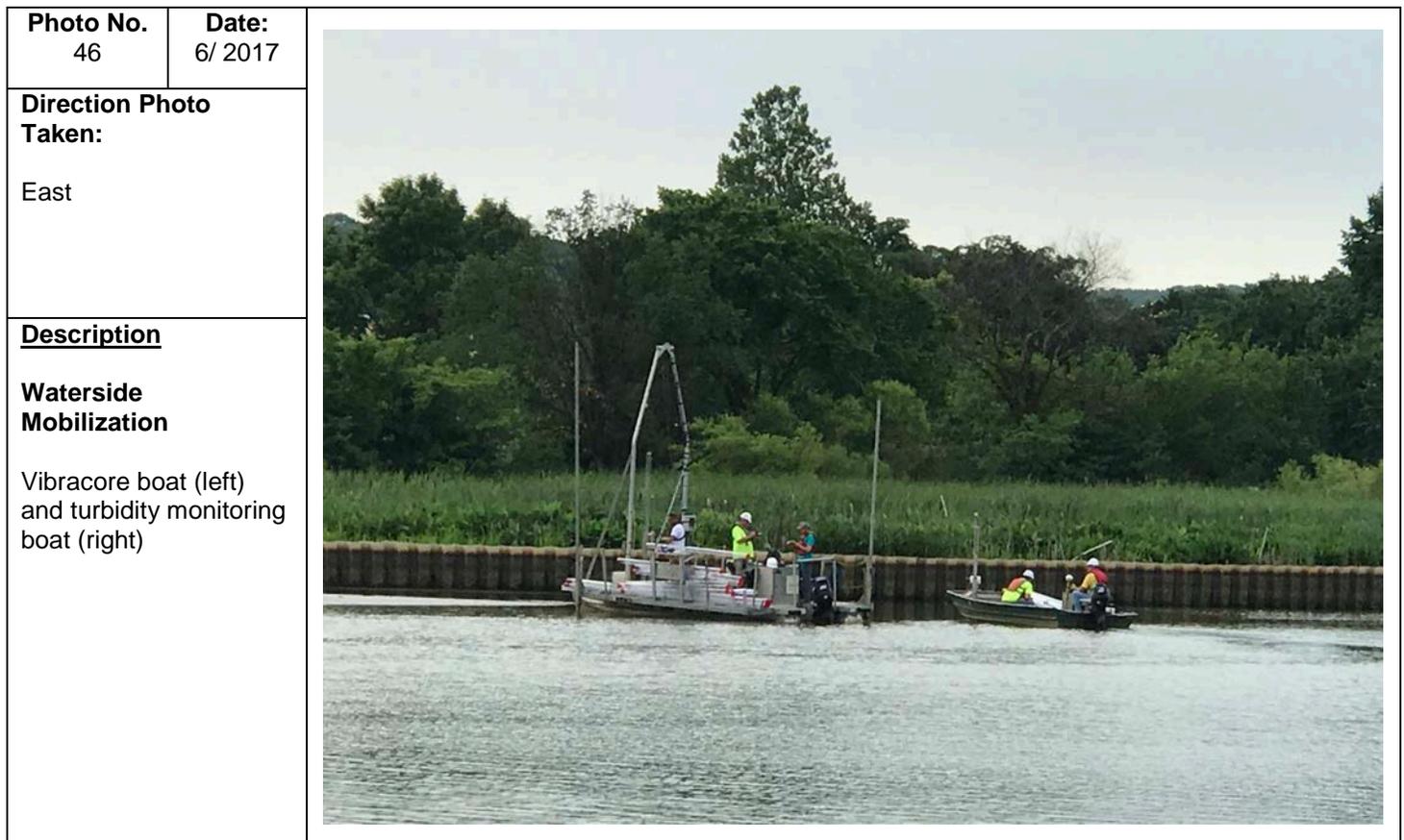


Photo No. 47	Date: 6/ 2017	
Direction Photo Taken: South		
Description Waterside Mobilization Sediment core collection		

Photo No. 48	Date: 6/ 2017	
Direction Photo Taken: South		
Description Waterside Mobilization – Sample Processing Area Samples collected in 1-foot intervals from 8-foot sediment core		

Photo No. 49	Date: 6/ 2017	
Direction Photo Taken: East		
Description Waterside Mobilization – Sample Processing Area Samples collected in 1-foot intervals from 8-foot sediment core		

Photo No. 50, 51	Date: 7/ 2017		
Direction Photo Taken: Top left: North Middle: South Top right: South			
Description On-site Utility Mark-Out Utility mark-out performed throughout site prior to sampling			

Photo No. 52, 53	Date: 7/ 2017		
Direction Photo Taken: Various			
Description			
Off-site Utility Mark-Out			
Utility mark-out performed prior to background sampling			

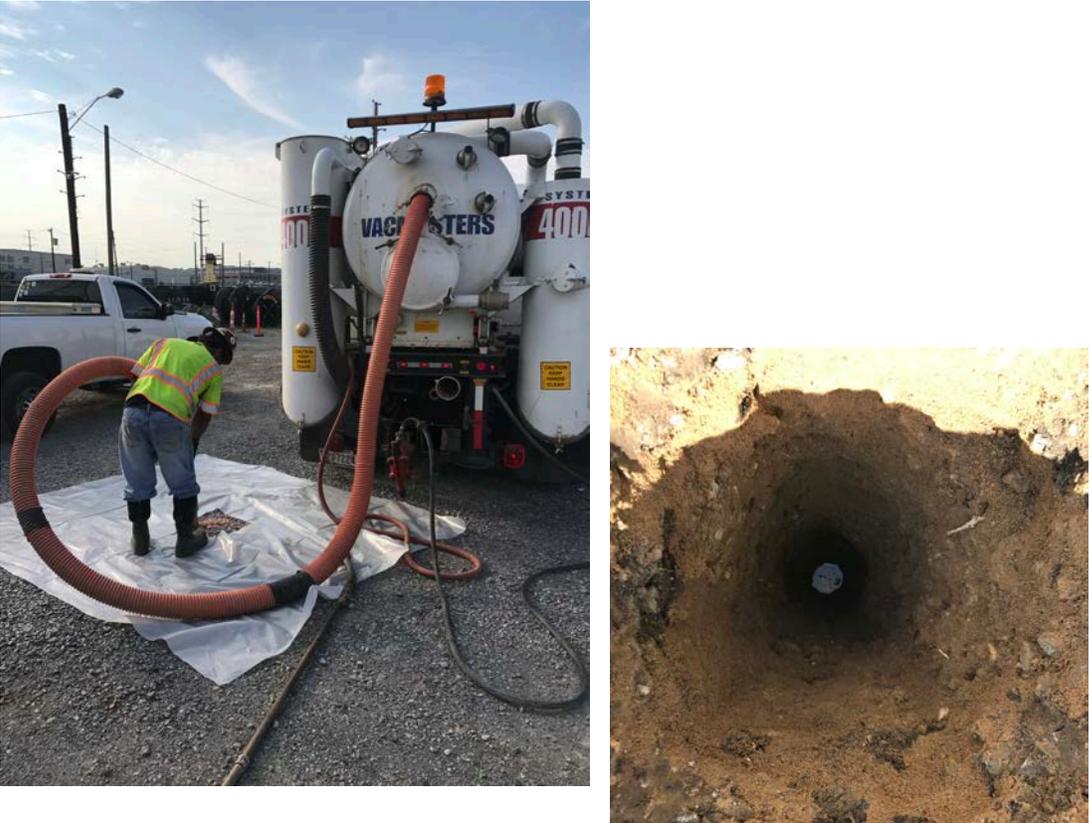
Photo No. 54, 55	Date: 8/ 2017		
Direction Photo Taken: West			
Description			
On-site Surface Soil Delineation Sampling			
Vacuum excavation performed prior to soil sampling; south-central portion of site			

Photo No. 56	Date: 8/ 2017	
Direction Photo Taken: West		
Description On-site Surface Soil Delineation Sampling Surface soil collection using hand auger, northeast and adjacent to former power plant building footprint		

Photo No. 57	Date: 8/ 2017	
Direction Photo Taken: East		
Description On-site Surface Soil Delineation Sampling Soils homogenized prior to jarring; central portion of site		

Photo No. 58, 59, 60	Date: 8/ 2017		
Direction Photo Taken: Various			
Description Off-site Soft-Dig Soil Logging Soft dig and soil logging performed prior to DPT boring and groundwater sampling			

Photo No. 61, 62	Date: 8/ 2017		
Direction Photo Taken:			
Description Off-site DPT Boring and Groundwater Sampling DPT boring and soil logging (top left) performed prior to groundwater collection using peristaltic pump (bottom right)			

Photo No. 63	Date: 8/ 2017
Direction Photo Taken: East	
Description On-Site DPT and Groundwater Sampling Soft dig and soil logging performed prior to DPT boring and groundwater sampling	



Photo No. 64	Date: 2/ 2018
Direction Photo Taken: West	
Description Additional On-site Surface Soil Sampling Soft dig and surface soil collection	

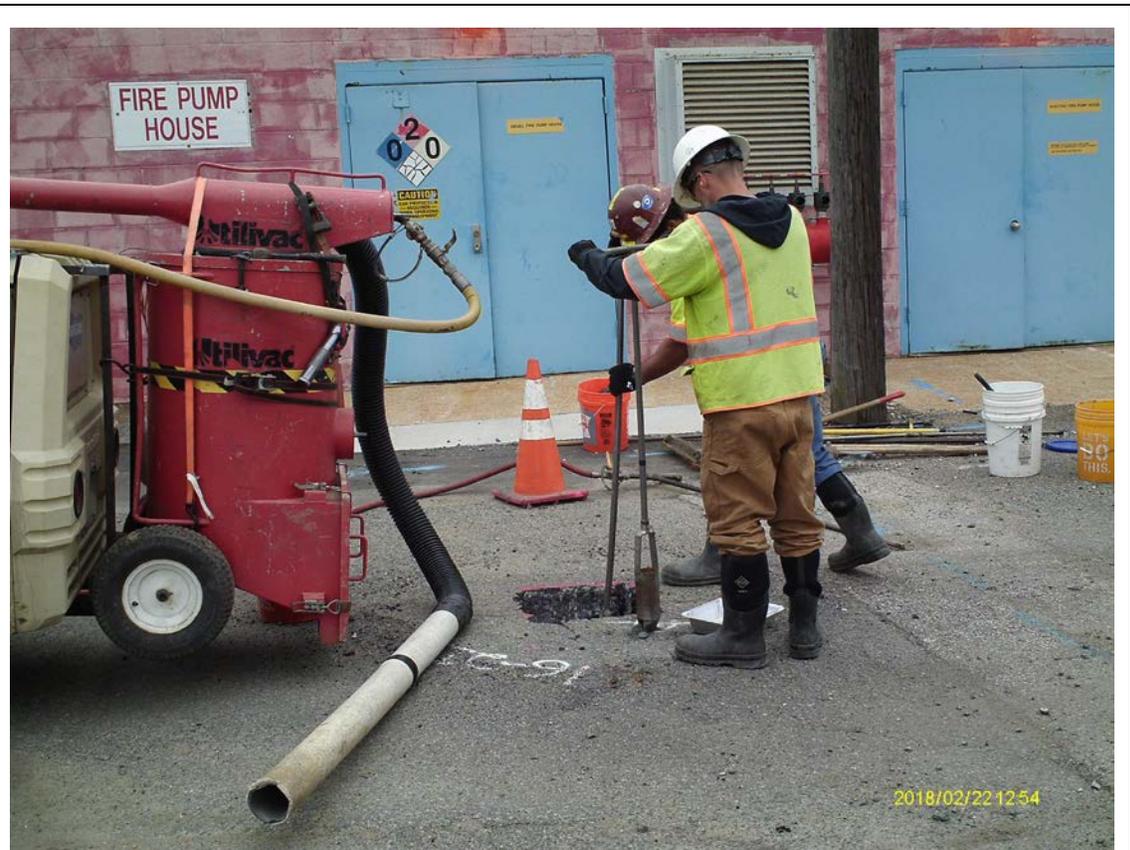


Photo No. 65, 66	Date: 2/ 2018	
Direction Photo Taken: Top left: East Bottom right: South		
Description		
Ground Penetrating Radar		
Performed for utility clearance		

Photo No. 67	Date: 3/ 2018	
Direction Photo Taken: Northwest		
Description		2018/03/28 12:08
On-site DPT Boring		
DPT boring for soil and groundwater collection; south-central portion of site		