



Client: Glenn Springs Holdings

Project Name: Hunter, Hunter 9416-3205A Facility

Boring ID: MW01

Project Number: 09A1662050

Site Sketch:

Date: 6/5/24

Logged by: H. Killian

Driller: DrillPro

Drilling Method: Hollow Stem Auger

Sample Method: Split Spoon

Boring Diameter: 8.25" Well Diameter: 2"

Well Material: PVC

Surface Completion: Flushmount

Total Depth: 13'

Casing Interval: 0-5' (5'

Screen Interval: 5-13' (8')

DTP/DTW: 6.5'

Grout Interval: NA

Bentonite Interval: 0-4' (4')

Sand Interval: 4-13 (9')

Grout Interval: NA												
Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description				Completion Diagram
0								0-5' Pothole 5'-15' Fg-Cg sand, very moist ^{very moist} brown, saturated ^{NE} well-graded, e 5" 2" clay lens w/ impact e 6.5' gw detected set e 13' as flushmount				
5												
10												
15												
20												
25												
30												



Client: GSH

Project Name: Hunter, Hunter 9A16-3205A Facility

Boring ID: MW02

Project Number: 09A16062050

Site Sketch:

Date: 6/5/2024

Logged by: H. Killian

Driller: DrillPro

Drilling Method: Hollow Stem Auger

Sample Method: Split Spoon

Boring Diameter: 8.25" Well Diameter: 2"

Well Material: PVC

Surface Completion: Flushmount

Total Depth: 12'

Casing Interval: 0-4' (4')

Screen Interval: 4'-12' (8')

DTP/DTW: 8'

Grout Interval: NA

Bentonite Interval: 0-3' (3')

Sand Interval: 3-12' (9')

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0					None			0-6' Potholed	
5								6'-8' Fg clayey sand, moist, dark brown, stain, odor, low cohesion, low plasticity	
	6-8		Moist	55.0	Yes		SC	@ 7.5: 4" SW lens	
	2/15		↓		None		SW	@ 8' HK	
10	8-10		Saturated	0.3			SC	8'-12' Fg-Cg sand, brown, saturated, no stain / no odor	
	2/1.25		↓				SW	@ 9': 2" clay lens	
	10-12			0.3				@ 8' unsaturated saturation begins	
	2/1.25								
15									
20									
25									
30									

set @ 12' as flush mount



Client: GSH

Project Name: Hunter, Hunter 9916-32 OSA Facility

Boring ID: MW03

Project Number: 09A1662050

Site Sketch:

Date: 6/5/2024

Logged by: H. Killian

Driller: DrillPro

Drilling Method: Hollow Stem Auger

Sample Method: Split Spoon

Boring Diameter: 8.25" Well Diameter: 2"

Well Material: PVC

Surface Completion: Flushmount

Total Depth: 12'

Casing Interval: 0-4' (4')

Screen Interval: 4'-12' (8')

DTP/DTW: 7.5'

Grout Interval: NA

Bentonite Interval: 0-3' (3')

Sand Interval: 3-12' (9')

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0								0-6' Pothole	
5							SW	6'-15' Fg-Cg sand, moist, brown, well graded, no stain / no odor	
10								@ 6.5' 1" clay lens	
15								@ 7.5' saturation begins	
20							SC	15'-17' Fg-Mg clayey sand, moist, brown, well graded, low plasticity, cohesive, well graded, no stain / no odor	
25								- some iron oxide staining throughout	
30								set @ 12' as flushmount	



Client: GSH

Project Name: Hunter, Hunter 9316-32 OSA Facility

Boring ID: MW04

Project Number: 09A1662050

Site Sketch:

Date: 6/6/24

Logged by: H. Killian

Driller: DrillPro

Drilling Method: Hollow Stem Auger

Sample Method: Split Spoon

Boring Diameter: 8.25" Well Diameter: 2"

Well Material: PVC

Surface Completion: Flushmount

Total Depth: 12'

Casing Interval: 0-4' (4')

Screen Interval: 4-12' (8')

DTP/DTW: 6'

Grout Interval: NA

Bentonite Interval: 0-3' (3')

Sand Interval: 3-12' (9')

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0			Dry		None			0-6 Pot holed	
								e 5.5' sample collected	
								GW @ 6' via HA	
5			Moist					6-12' Fg. Cg sand	
	6-8		sat	0.0			SW	w/ fine cobbles brown,	
	2/1							saturated, well-	
	8-10			0.0				graded, no stain	
	2/0.75							no odor	
10	X								
	11-13			0.5					
	2/1								
15									
20									
25									
30									

seal 12' as flushmount



Client: GSH

Project Name: Hunter, Hunter 9416-3205A Facility

Project Number: 09A1662050

Date: 6/15/24

Logged by: H. Killian

Driller: Drill Pro

Drilling Method: Hollow Stem Auger

Sample Method: Split Spoon

Boring Diameter: 8.25" Well Diameter: 2"

Well Material: PVC

Surface Completion: Flushmount

Total Depth: 12'

DTP/DTW: 6.5'

Sand Interval: 3'-12' (6')

Casing Interval: 0-4' (4')

Screen Interval: 4'-12' (8')

Bentonite Interval: 0-3' (3')

Grout Interval: NA

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0			Dry		None			0-6' Potholed → HA sample @ 5.5'	
5						SB0555	SC	6'-8' Fg clayey sand brown, moist, low plasticity, low cohesion, well graded, no stain/no odor	
10							SW	8-15' Fg-Cg sand, saturated, brown, well graded, no stain/no odor	
15									
20									
25									
30									

see MW01

set @ 12' as flushmount



Client: GSH

Project Name: Hunter, Hunter 9416-32 OSA Facility

Boring ID: MW06

Project Number: 09A1662050

Site Sketch:

Date: 6/6/2024

Logged by: H. Killian

Driller: DrillPro

Drilling Method: Hollow Stem Auger

Sample Method: Split Spoon

Boring Diameter: 8.25" Well Diameter: 2"

Well Material: PVC

Surface Completion: Flushmount

Total Depth: 12'

see MW01

Casing Interval: 0-4' (4')

Screen Interval: 4-12' (8')

DTP/DTW: 6'/NA

Grout Interval: NA

Bentonite Interval: 0-3' (3')

Sand Interval: 3-12' (9')

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0			Dry		None			0-6' Pothole ↳ 5.5' sample collected via HA	
5			Moist	0.9				6-7' Fg-Cg sand, brown, sat, poorly graded, no stain/no odor	
	6-8 2/1		Sat	0.4			SP	7-8' Fg-Mg sand, brown, sat, well graded, no stain/no odor	
	8-10 2/1.5		Moist	0.6			SW	8-9' Fg-Mg sand, brown, sat, poorly graded, no stain/no odor	
10			Sat					9-10' Fg-Mg sand, brown, sat, well graded, no stain/no odor	
	11-13 2/1			0.3			SW	11-15' Fg-Cg sand, brown, sat, well graded, some cobbles @ 14'	
	13-15 2/1			0.0					
15									
20									
25									
30									

set c 12' as flushmount



Client: GSH

Project Name: Hunter, Hunter 9416-320SA Facility

Boring ID: MW07

Project Number: 09A1662050

Site Sketch:

Date: 6/5/24

Logged by: H. Kilian

Driller: DrillPro

Drilling Method: Hollow Stem Auger

Sample Method: Split Spoon

Boring Diameter: 8.25" Well Diameter: 2"

Well Material: PVC

Surface Completion: Flushmount

Total Depth: 12'

Casing Interval: 0-4' (4')

Screen Interval: 4-12' (8')

DTP/DTW: 75'

Grout Interval: NA

Bentonite Interval: 0-3' (3')

Sand Interval: 3-12' (9')

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0					None			0-6' Pothole b e 5.5' HA sample	
5				0.7				6-8' Fg-Mg clayey sand, brown, moist, low plasticity, low cohesion, no stain/odor	
	6-8 2/2		Moist Sat	0.5		SB07e6'	SC		
10	8-10 2/1.5			0.2			SW	8-15' Fg-Lg sand, brown, saturated, well graded, no stain/no odor	
	11-13 2/1.25			0.6					
15	13-15 2/1			0.5					
20									
25									
30									

set e 12' as Flushmount



Client: GSH

Project Name: Hunter, Hunter 9216-32 OSA Facility

Boring ID: MW08

Project Number: 09A1662050

Site Sketch:

Date: 6/5/24

Logged by: H. Killian

Driller: DrillPro

Drilling Method: Hollow Stem Auger

Sample Method: Split Spoon

Boring Diameter: 9.25" Well Diameter: 2"

Well Material: PVC

Surface Completion: ~~8~~ Flush mount

Total Depth: 12

Casing Interval: 0-4' (4')

Screen Interval: 4-12' (8')

DTP/DTW: 7.5'

Grout Interval: NA

Bentonite Interval: 0-3' (3')

Sand Interval: 3-12' (9')

[illegible]



Client: GSH

Project Name: Hunter, Hunter 9316-32 OSA Facility

Boring ID: MW09

Project Number: 09A11662050

Site Sketch:

Date: 6/6/2024

Logged by: H. Killian

Driller: DrillPro

Drilling Method: Hollow Stem Auger

Sample Method: Split Spoon

Boring Diameter: 8.25" Well Diameter: 2"

Well Material: PVC

Surface Completion: Flushmount

Total Depth: 12'

see MW01

Casing Interval: 0-4' (4')

Screen Interval: 4-12' (8')

DTP/DTW: 6'

Grout Interval: NA

Bentonite Interval: 0-3'

Sand Interval: 3-12' (9')

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0			Dry		None			0-6' Rothole ↳ c 5.5' sample via hand auger	
5			MOIST	0.1			CL/SE	6'-7' vfg-Fg sand w/ some vfg-Fg sandy clay, some brown, poorly graded & cohesive, low plasticity, most/nood	
	6-8	3/1	Sat	0.0			SC	7-7.5' Fg-Mg sand w/ some clay, brown, moist, cohesive, low plasticity, no stain/nood	
	8-10	2/1	Sat	0.0			SW	7.5'-15' Fg-Cg sand brown, sat, well graded, most/nood ↳ ell cobbles	
10				0.1					
	11-13	2/1		0.0					
	13-15	2/2							
15									
20									
25									
30									

Set 12' as Flushmount



Client: GSH
 Project Name: Hunter, Hunter 9416320SA Facility
 Project Number: 09A1662050
 Date: 6/6/24
 Logged by: H. Killian
 Driller: DrillPro
 Drilling Method: Hollow Stem Auger
 Sample Method: Split Spoon
 Boring Diameter: 8.25" Well Diameter: 2"
 Well Material: PVC
 Surface Completion: Flushmount
 Total Depth: 12'

Boring ID: MW10

Site Sketch:

see MW01

Casing Interval: 0-4' (4')

Screen Interval: 4-12 (8')

DTP/DTW: 6'

Grout Interval: NA

Bentonite Interval: 0-3' (3')

Sand Interval: 3-12' (9')

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0			Dry		None			0-6' Pothole	
								5' Sample collected via hand auger	
5								6'-14' Fg-Cg sand, brown, sat, well graded, no stain / no odor	
	6-8 2/1		Moist Sat	0.0			SW		
				0.3					
10	8-10 2/1			0.0				14-15' Fg-Mg sand, brown, sat, poorly graded, no stain / no odor	
				0.4					
	11-13 2/1								
				0.3			SP		
15	13-15 2/1								
20									
25									
30									

set 12' as flushmount



Client: GSH
 Project Name: Hunter, Hunter 9416-320SA Facility
 Project Number: 09A16162050
 Date: 6/16/2024
 Logged by: H. Killian
 Driller: DrillPro
 Drilling Method: Hollow Stem Auger
 Sample Method: Split Spoon
 Boring Diameter: 8.25" Well Diameter: 2"
 Well Material: PVC
 Surface Completion: Flushmount
 Total Depth: 12'

Boring ID: MW11

Site Sketch:

see MW01

Casing Interval: 0-4' (4')

Screen Interval: 4'-12' (8')

DTP/DTW: 5'

Grout Interval: N/A

Bentonite Interval: 0-3' (3')

Sand Interval: 3-12' (9')

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0			Dry		None			0-6' Potholed ↳ sample @ 4.5' via hand auger	
5			Sat	0.0		SB11 @ 4.5'	SW	6'-7' Fg-Mgs sand, brown, sat, well graded, no stain / no odor	
	6-8 2/1			0.2			SC		
	8-10 2/1.75			0.2			SC		
10							SW	7-9' Fg-Cg clayey sand, brown, sat, low plasticity, well graded, some cohesion, no stain / no odor	
	11-13 2/0.75			0.1					
	13-15 2/1			0.2				9-15' Fg-Cg sand, brown, sat, well graded, no stain / no odor	
15									
20									
25									
30								set @ 12' as flushmount	