

Project Name: Cassidy
Project Number: 00299

MONITORING WELL: BH16-15
Location: 3501 Aqua Terra Road, Cassidy, BC

Coordinates

Easting: 435838
Northing: 5433091.61
Datum: NAD83 UTM Zone 10 G

Drilling Details

Drill Contractor: **Drillwell Enterprises, Ltd.**
 Drill Date: **December 20, 2016**
 Drill Method: **Sonic**
 Depth of Drilled Hole (mbgs): **11.9**
 Drillhole Diameter (mm): **4.25**

Well Installation Details

Final Depth of Shallow Well (mbgs): **6.29**
 Final Depth of Deep Well (mbgs): **11.55**
 Well Casing Material: **PVC**
 Well Casing Diameter (in): Shallow: **2** Deep: **1**
 Well Screen Slot Size: **10**

| Lithologic Description | | Soil Sampling | | | Headspace Analysis | Elevation (masl) | Well Construction Details | | | |
|------------------------|---|---------------|-------------|------------|--------------------|------------------|---------------------------|--------------------|----------|---------------------|
| Depth (mbgs) | Symbol | Depth (ftbgs) | Sample Type | % Recovery | Sample ID | | Sample Analyzed (Y,N) | PID Readings (ppm) | BH16-15S | BH16-15D |
| 0 | Cobbles: angular; some subrounded gravel; some fine to medium brown moist sand. | 0 | | | | | | | | |
| 1 | Crushed Rock: as loose grey dry silt; some angular cobbles, some angular gravel, trace fine-medium sand. | 1 | | | BH16-15(1) | N | 0.423 | | | |
| 1 | @1.1 m lens of brown sub-rounded, loose, damp, sand and gravel. | 3 | | 100 | BH16-15(3) | N | 0.205 | | | |
| 2 | @1.7 m lens of brown sub-rounded, loose, damp, sand and gravel. | 5 | | | BH16-15(5) | N | 0.482 | | | |
| 3 | @2.6 m lens of brown sub-rounded, loose, damp, sand and gravel. | 8 | | 100 | BH16-15(8) | N | 0.213 | | | Bentonite |
| 3 | Gravel: angular; some brown coarse sand. | 10 | | | BH16-15(10) | N | 0.512 | | | |
| 4 | Crushed Rock: as loose grey dry silt; some angular cobbles, some angular gravel, trace fine-medium sand. | 12 | | 100 | BH16-15(12) | N | 0.137 | | | |
| 4 | Sand: brown, loose, damp. | 14 | | | | | | | | |
| 5 | Gravel: seam of clean sub-angular. | 15 | | | BH16-15(15.5) | N | 0.564 | | | |
| 5 | Cobbles: sub angular; some angular gravel, some medium to coarse brown moist sand; trace dense grey silt. | 17 | | 100 | BH16-15(17.5) | N | 0.136 | | | |
| 6 | Sand: cobbly medium-coarse moist, dense, brown; some sub-angular gravel; trace grey silt. | 18 | | | | | | | | Filter Sand |
| 6 | @6.4 m poorly graded medium | 21 | | | BH16-15(21.5) | N | 0.181 | | | Shallow Well Screen |



Report Date: **October 2017**

Logged by: **SR**

Approved by: **ARL**

Client: **CanHusk**

Shallow Well Measurements

Depth to Water (mbTOC): -
 Depth to Bottom (mbTOC): **7.24**
 Well Elevation (masl): **35.22**
 Ground Elevation (masl): **34.27**
 Date Measured: **December 21, 2016**

Deep Well Measurements

Depth to Water (mbTOC): **7.05**
 Depth to Bottom (mbTOC): **12.45**
 Well Elevation (masl): **35.17**
 Ground Elevation (masl): **34.27**
 Date Measured: **December 21, 2016**

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