

Groundwater Monitoring Well: MW6

Project: South Country Services SVE System Install
Client: Zurich Insurance
Location: 5385 Highway 3, Elko, BC
Number: 110861497
Field investigator: R Barlow
Contractor: All Service Drilling

Drilling method: ODEX
Date started/completed: 09-Apr-2013 / 10-Apr-2013
Ground surface elevation: n/a
Top of casing elevation: n/a
Easting: n/a
Northing: n/a

| SUBSURFACE PROFILE | | | | SAMPLE DETAILS | | | INSTALLATION DETAILS | |
|--------------------|-----------|--|---------------|----------------|-------------|-----|----------------------|---|
| Depth (ft) | Depth (m) | Lithologic Description | Depth (m BGS) | Sample Number | Sample Type | ppm | Diagram | Description |
| | | Ground Surface | 0.00 | | | | | |
| 5 | 2 | SAND, loose to compact, medium to coarse grained, brown, dry 1.2 m to 2.7 m, no sample recovery | | MW6-01 | GB | 55 | | Treaded cap installed at surface with flush mount well casing |
| 10 | 4 | | | MW6-02 | GB | 35 | | |
| 15 | 6 | SAND and GRAVEL, loose, medium to coarse grained, brown, dry | 4.57 | MW6-03 | GB | 0 | | |
| 20 | 8 | | | MW6-04 | GB | 120 | | |
| 25 | 10 | | | MW6-05 | GB | 25 | | |
| 25 | 8 | GRAVEL with Cobbles and Sand, dense, medium to coarse grained, grey, dry | 7.32 | MW6-06 | GB | 14 | | |
| 30 | 10 | | | MW6-07 | GB | 45 | | |
| 35 | 12 | | | MW6-08 | GB | 6 | | |
| 35 | 10 | SAND, compact, medium grained, brown, moist, poorly graded 12.5 m to 14.0 m, fine grained | 10.36 | MW6-09 | GB | 80 | | |
| 40 | 12 | | | MW6-10 | GB | 110 | | |
| 45 | 14 | | | MW6-11 | GB | 25 | | |
| | | | | MW6-12 | GB | 200 | | |
| | | | | MW6-13* | GB | 7 | | |
| | | | | MW6-14 | GB | 240 | | |
| | | | | MW6-15 | GB | 8 | | |
| | | | | MW6-16 | GB | 500 | | |
| | | 15.5 m change to medium to coarse grained, some fine grained gravel | | | | 440 | | 50mm solid PVC pipe packed in hydrated bentonite |
| | | | | | | 480 | | |
| | | | | | | 410 | | |
| | | | | | | 250 | | |

Screen Interval: 17.68 - 27.74 m BGS
 Sand Pack Interval: 17.37 - 17.68 m BGS
 Well Seal Interval: 0.61 - 17.37 m BGS

Notes:
 m AMSL - metres above mean sea level
 m BGS - metres below ground surface
 GB - grab sample
 ppm - parts per million by volume
 n/a - not available

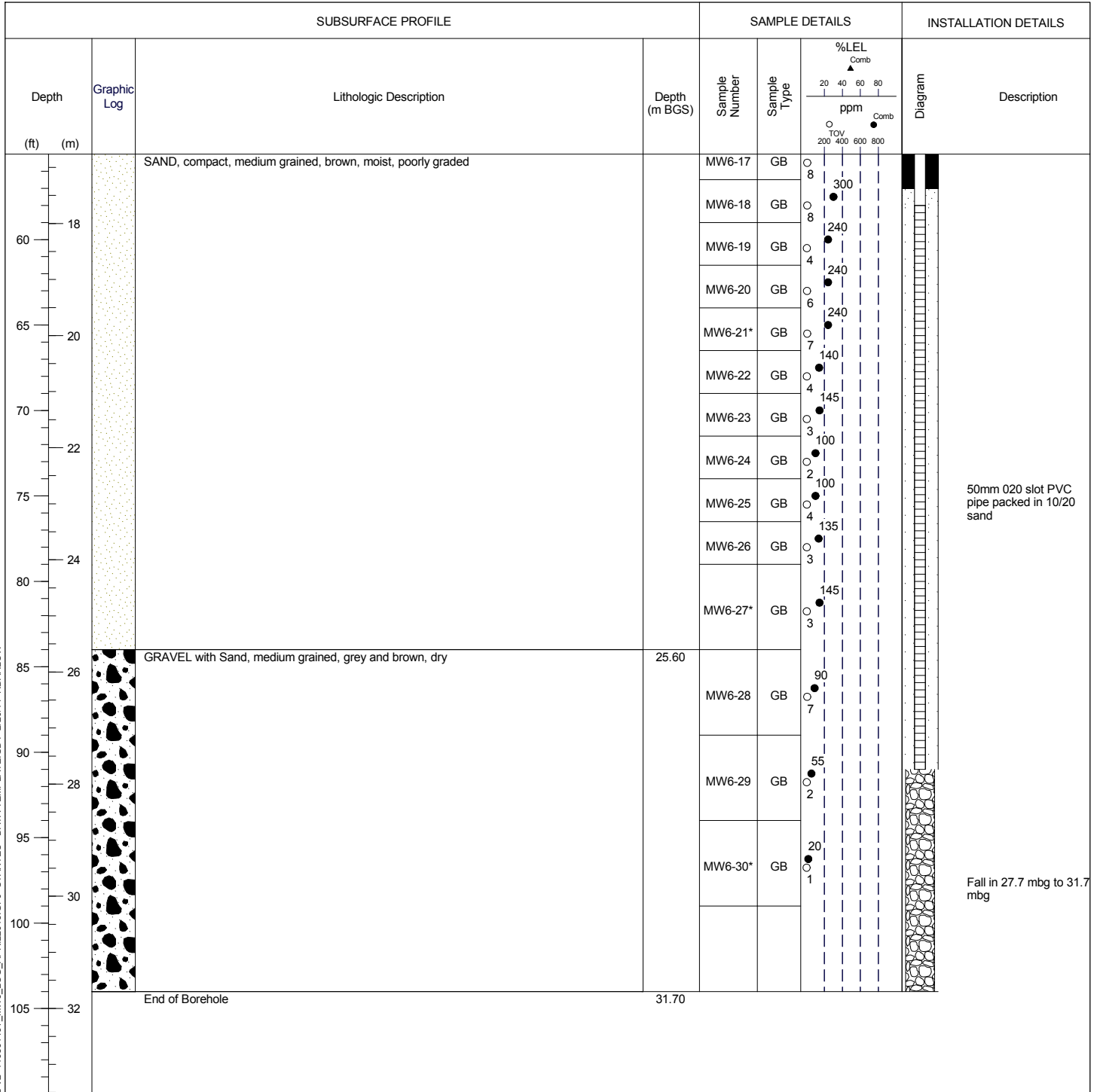
* indicates sample submitted to laboratory for analysis



Groundwater Monitoring Well: MW6

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Client: Zurich Insurance
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Number: 110861497
Field investigator: R Barlow
Contractor: All Service Drilling

Drilling method: ODEX
Date started/completed: 09-Apr-2013 / 10-Apr-2013
Ground surface elevation: n/a
Top of casing elevation: n/a
Easting: n/a
Northing: n/a



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Drawn By/Checked By:

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STANTEC BOREHOLE AND WELL V2 110861497_MW6_LOG_APRIL2013.GPJ STANTEC - DATA TEMPLATE.GDT 2/20/14 RBARLOW