



## WELL INSTALLATION DIAGRAM

WELL NO.: MW-302

PROJECT: SRI Phase 3  
PROJECT NUMBER: 10058697  
SITE LOCATION: DDMT, Main Installation  
PROJECT MANAGER: T. Holmes  
FIELD STAFF: J. Ruffing  
DATE COMPLETED: 8/4/2018  
WELL LOCATION: N of building 489

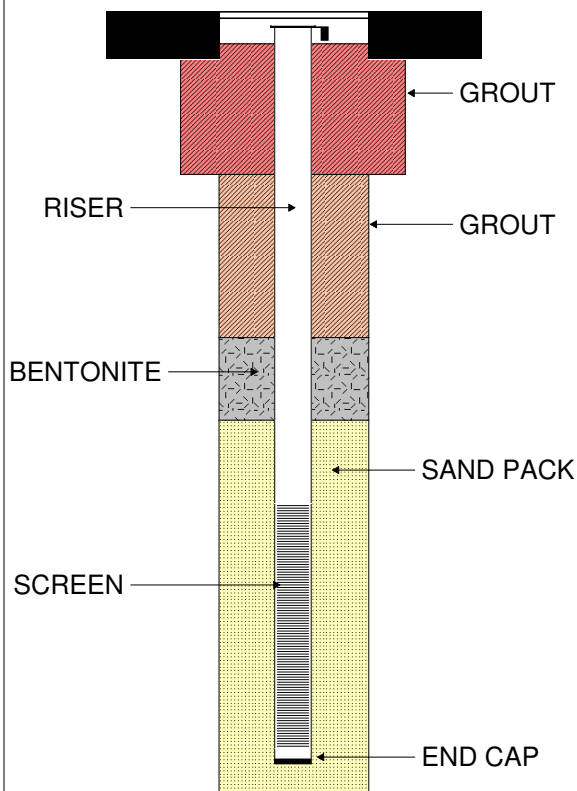
NORTHING: 276266.02  
EASTING: 804422.54  
GROUND SURFACE ELEVATION (ft, NAVD): 291.92  
TOP OF CASING ELEVATION (ft, NAVD): 291.60  
TOP OF SCREEN ELEVATION (ft, NAVD): 132.5

DRILLING CO.: Cascade Drilling, L.P.  
DRILLING METHOD: Sonic  
BOREHOLE DIAMETER (in): 12 and 6  
SURFACE COMPLETION: Flush Mount  
BOLLARDS: No  
WELL DIAMETER (in): 2  
TYPE OF SCREEN/RISER MATERIAL: Sch. 80 PVC  
SLOT SIZE OF SCREEN: 0.010-in.

TYPE OF FILTER PACK: Silica Sand  
GRADATION OF FILTER PACK: #10  
QUANTITY OF FILTER PACK: 5.5 - 50lb bags  
TYPE OF BENTONITE IN SEAL: Holeplug 3/8" Chips  
QUANTITY OF BENTONITE IN SEAL: 1.5 -50lb bag  
TYPE OF GROUT: Type I/II cement with 4% bentonite  
QUANTITY OF GROUT: 360 gallons  
DEVELOPMENT METHOD: Surge&Pump  
DATE DEVELOPED: 8/6/2018  
DEPTH TO WATER (ft.btoc): 90.79

NOTES: 12-in. boring to 146 ft. for 8-in. surface casing; 6-in. boring from 146 to 171 ft. No water used during drilling; 63 gallons removed during development. Depth to water measured on 08/11/18.

**Well  
Completion  
(Not to Scale)**



**Well  
Details**

DIMENSIONS OF CONCRETE PAD: 3ft. X 3ft.

SURFACE CASING (ft): 146

LENGTH OF RISER (ft): 159.1

DEPTH TO TOP OF BENTONITE (ft, bgs): 149

DEPTH TO TOP OF SAND PACK (ft, bgs): 154

LENGTH OF SCREEN (ft): 10

LENGTH OF END CAP: 0.2 ft.

TOTAL DEPTH OF WELL (ft, btoc): 169.3

TOTAL DEPTH OF BORING (ft, bgs): 171

Prepared by: WTR Date Prepared: 8/30/2018

Checked by: TCH

Date Checked: 9/28/2018