



## WELL INSTALLATION DIAGRAM

WELL NO.: MW-283

PROJECT: SRI Phase 2  
PROJECT NUMBER: 10021503  
SITE LOCATION: DDMT, Main Installation  
PROJECT MANAGER: T. Holmes  
FIELD STAFF: J. Bills  
DATE COMPLETED: 4/5/2017  
WELL LOCATION: On east side of Lloyd Street near NW corner of Bldg 229.

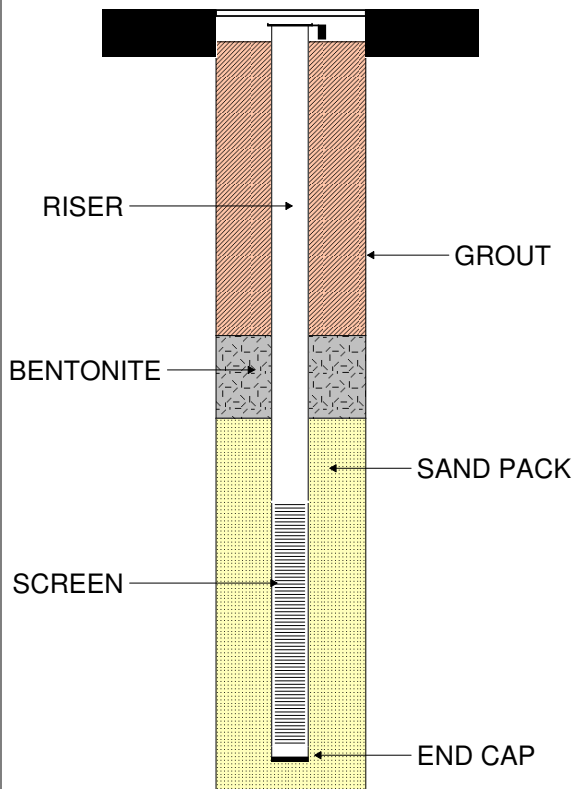
NORTHING: 278175.7  
EASTING: 806073.57  
GROUND SURFACE ELEVATION (ft, NAVD): 304.87  
TOP OF CASING ELEVATION (ft, NAVD): 304.34  
TOP OF SCREEN ELEVATION (ft, NAVD): 227.3

DRILLING CO.: Cascade Drilling, L.P.  
DRILLING METHOD: Sonic  
BOREHOLE DIAMETER (in): 6  
SURFACE COMPLETION: Flush Mount  
BOLLARDS: No  
WELL DIAMETER (in): 2  
TYPE OF SCREEN/RISER MATERIAL: Sch. 40 PVC  
SLOT SIZE OF SCREEN: 0.010-in.

TYPE OF FILTER PACK: Silica Sand  
GRADATION OF FILTER PACK: 8/16 Sand  
QUANTITY OF FILTER PACK: 6 - 50lb bags  
TYPE OF BENTONITE IN SEAL: EnviroPlug Med. Chips  
QUANTITY OF BENTONITE IN SEAL: 2 - 50lb bag  
TYPE OF GROUT: Type I/II cement with 4% bentonite  
QUANTITY OF GROUT: 87.5 gallons  
DEVELOPMENT METHOD: Surge&Pump  
DATE DEVELOPED: 4/7/2017  
DEPTH TO WATER (ft.btoc): 69.53

NOTES: Boring backfilled with bentonite to 88 ft, bgs prior to well installation. No water used during drilling; 275 gallons removed during development. Depth to water measured on 4/18/17.

### Well Completion (Not to Scale)



### Well Details

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

LENGTH OF RISER (ft): 77

DEPTH TO TOP OF BENTONITE (ft, bgs): 67

DEPTH TO TOP OF SAND PACK (ft, bgs): 72

LENGTH OF SCREEN (ft): 10

LENGTH OF END CAP: 0.2 ft.

TOTAL DEPTH OF WELL (ft, btoc): 87.2

TOTAL DEPTH OF BORING (ft, bgs): 97

Prepared by: WTR Date Prepared: 5/8/2017

Checked by: TCH Date Checked: 8/2/2017