



## WELL INSTALLATION DIAGRAM

WELL NO.: MW-294

PROJECT: SRI Phase 3  
PROJECT NUMBER: 10058697  
SITE LOCATION: DDMT, Main Installation  
PROJECT MANAGER: T. Holmes  
FIELD STAFF: C. Mokri  
DATE COMPLETED: 6/27/2018  
WELL LOCATION: NW of building 250

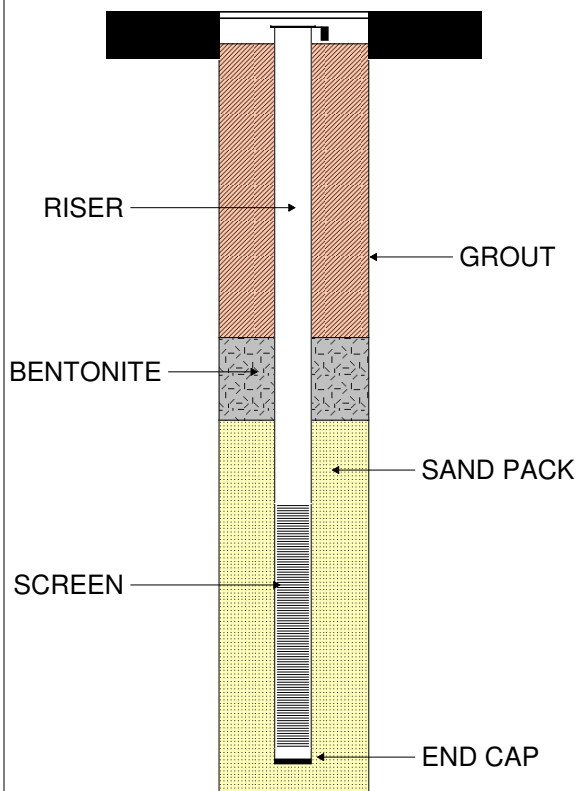
NORTHING: 277350.91  
EASTING: 805965.53  
GROUND SURFACE ELEVATION (ft, NAVD): 304.84  
TOP OF CASING ELEVATION (ft, NAVD): 304.38  
TOP OF SCREEN ELEVATION (ft, NAVD): 234.8

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: 15/18 Red Flint S&G  
QUANTITY OF FILTER PACK: 6.5 - 50lb bags  
TYPE OF BENTONITE IN SEAL: Holeplug 3/8" Chips  
QUANTITY OF BENTONITE IN SEAL: 2 -50lb bag  
TYPE OF GROUT: Type I/II cement with 4% bentonite  
QUANTITY OF GROUT: 120 gallons  
DEVELOPMENT METHOD: Surge&Pump  
DATE DEVELOPED: 7/15/2018  
DEPTH TO WATER (ft.btoc): 71.19

NOTES: Boring backfilled with bentonite to 80.5 ft. bgs. prior to well installation. No water used during drilling; 16 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.

LENGTH OF RISER (ft): 69.6

DEPTH TO TOP OF BENTONITE (ft, bgs): 60

DEPTH TO TOP OF SAND PACK (ft, bgs): 65

LENGTH OF SCREEN (ft): 10

LENGTH OF END CAP: 0.2 ft.

TOTAL DEPTH OF WELL (ft, btoc): 79.8

TOTAL DEPTH OF BORING (ft, bgs): 90

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

Checked by: TCH

Date Checked: 9/28/2018