



## WELL INSTALLATION DIAGRAM

WELL NO.: MW-263

PROJECT: SRI Phase I  
PROJECT NUMBER: 235772  
SITE LOCATION: DDMT MI  
PROJECT MANAGER: T. Holmes  
FIELD STAFF: S. Gillet  
DATE COMPLETED: 5/13/2015  
WELL LOCATION: North MI boundary south of Dunn Ave. & Custer St.

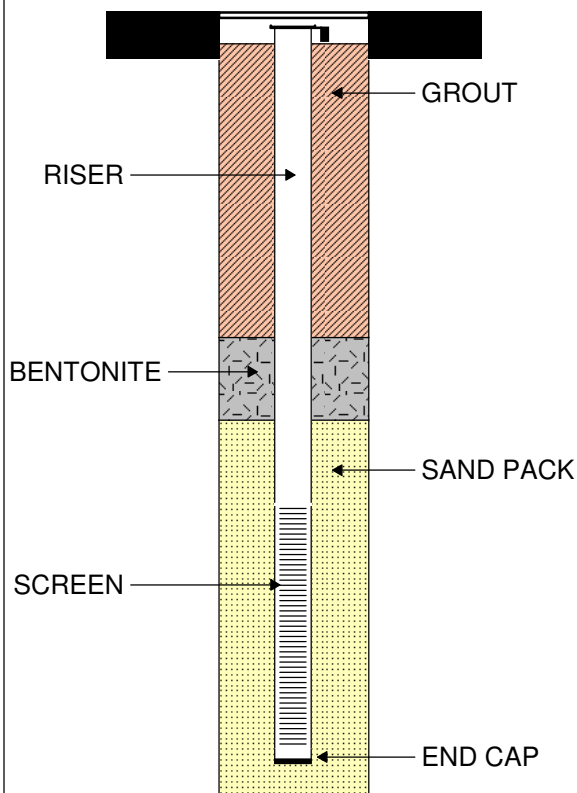
NORTHING: 278944.92  
EASTING: 805816.52  
GROUND SURFACE ELEVATION (ft, msl): 291.78  
TOP OF CASING ELEVATION (ft, msl): 291.40  
TOP OF SCREEN ELEVATION (ft, msl): 222.3

DRILLING CO.: Cascade Drilling, L.P.  
DRILLING METHOD: Sonic  
BOREHOLE DIAMETER (in): 6  
SURFACE COMPLETION: Flush Mount  
BOLLARDS: Yes (1)  
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: 4.5 - 50lb bags  
TYPE OF BENTONITE IN SEAL: EnviroPlug Med. Chips  
QUANTITY OF BENTONITE IN SEAL: 1-50lb bag  
TYPE OF GROUT: Type I/II cement with 4% bentonite  
QUANTITY OF GROUT: 75 gallons  
DEVELOPMENT METHOD: Surge & Pump (M.Monsoon)  
DATE DEVELOPED: 5/14/15  
DEPTH TO WATER (ft.btoc): 55.53

NOTES: Boring backfilled with bentonite from 80 to 93 ft, bgs prior to well installation.  
125 gallons water used during drilling; 275 gallons removed during development. Depth to water measured on 5/19/15.

### Well Completion (Not to Scale)



### Well Details

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

LENGTH OF RISER (ft): 69.1

DEPTH TO TOP OF BENTONITE (ft, bgs): 59.5

DEPTH TO TOP OF SAND PACK (ft, bgs): 64.5

LENGTH OF SCREEN (ft): 10

LENGTH OF END CAP: 0.2 ft.

TOTAL DEPTH OF WELL (ft, btoc): 79.3

TOTAL DEPTH OF BORING (ft, bgs): 93

Prepared by: WTR

Date: 8/13/15

Checked by: TCH

Date: 8/13/15