



## WELL INSTALLATION DIAGRAM

WELL NO.: MW-269

PROJECT: SRI Phase I  
PROJECT NUMBER: 235772  
SITE LOCATION: DDMT MI  
PROJECT MANAGER: T. Holmes  
FIELD STAFF: S. Gillet  
DATE COMPLETED: 7/17/15  
WELL LOCATION: 1538 Norris Rd.; Pentecostal Missionary Baptist Church; NE corner of parking lot.

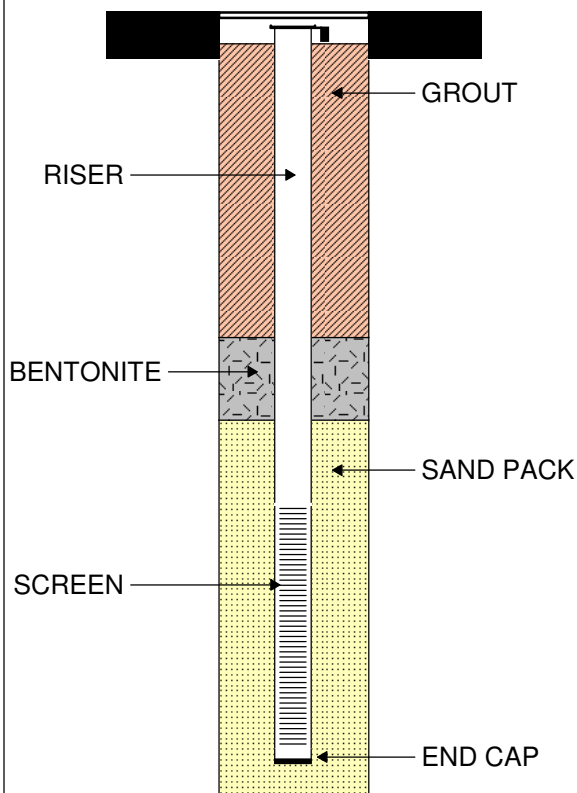
NORTHING: 276369.16  
EASTING: 800126.79  
GROUND SURFACE ELEVATION (ft, msl): 290.50  
TOP OF CASING ELEVATION (ft, msl): 290.05  
TOP OF SCREEN ELEVATION (ft, msl): 197.8

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: 250 gallons  
DEVELOPMENT METHOD: Surge & Pump (M.Monsoon)  
DATE DEVELOPED: 7/24/15  
DEPTH TO WATER (ft.btoc): 81.31

NOTES: Boring backfilled with bentonite from 92 to 115 ft, bgs prior to well installation.  
300 gallons water used during drilling; 300 gallons removed during development. Depth to water measured on 7/29/15.

Well  
Completion  
(Not to Scale)



Well  
Details

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

LENGTH OF RISER (ft): 92.2

DEPTH TO TOP OF BENTONITE (ft, bgs): 85.0

DEPTH TO TOP OF SAND PACK (ft, bgs): 90.0

LENGTH OF SCREEN (ft): 10

LENGTH OF END CAP: 0.2 ft.

TOTAL DEPTH OF WELL (ft, btoc): 102.4

TOTAL DEPTH OF BORING (ft, bgs): 115

Prepared by: WTR

Date: 8/13/15

Checked by: TCH

Date: 8/13/15