



## WELL INSTALLATION DIAGRAM

WELL NO.: MW-264

PROJECT: SRI Phase I  
PROJECT NUMBER: 235772  
SITE LOCATION: DDMT MI  
PROJECT MANAGER: T. Holmes  
FIELD STAFF: S. Gillet  
DATE COMPLETED: 5/5/2015  
WELL LOCATION: SW corner Heyde Ave. & Kotick St.

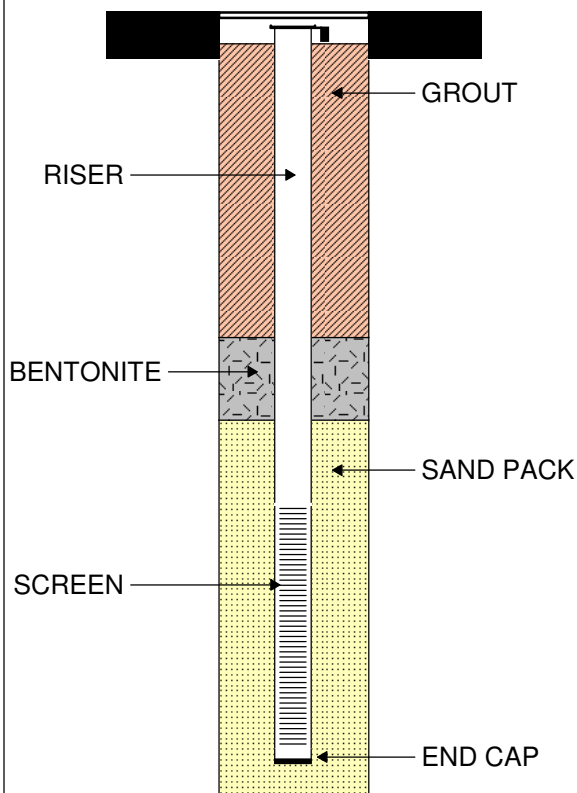
NORTHING: 278410.68  
EASTING: 804589.96  
GROUND SURFACE ELEVATION (ft, msl): 304.00  
TOP OF CASING ELEVATION (ft, msl): 303.72  
TOP OF SCREEN ELEVATION (ft, msl): 198.9

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: 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: 120 gallons  
DEVELOPMENT METHOD: Surge & Pump (M.Monsoon)  
DATE DEVELOPED: 5/6/15  
DEPTH TO WATER (ft.btoc): 86.08

NOTES: Boring backfilled with bentonite from 116 to 125 ft, bgs prior to well installation.  
125 gallons water used during drilling; 270 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): 104.8

DEPTH TO TOP OF BENTONITE (ft, bgs): 95.1

DEPTH TO TOP OF SAND PACK (ft, bgs): 100.1

LENGTH OF SCREEN (ft): 10

LENGTH OF END CAP: 0.2 ft.

TOTAL DEPTH OF WELL (ft, btoc): 115.0

TOTAL DEPTH OF BORING (ft, bgs): 125

Prepared by: WTR

Date: 8/13/15

Checked by: TCH

Date: 8/13/15