



WELL INSTALLATION DIAGRAM

WELL NO.: MW-279

PROJECT: SRI Phase 2

PROJECT NUMBER: 10021503

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: J. Bills

DATE COMPLETED: 11/14/2016

WELL LOCATION: East side of perimeter road in SW corner of the MI, west side of Bldg 1090.

NORTHING: 275981.69

EASTING: 800579.16

GROUND SURFACE ELEVATION (ft, NAVD): 300.17

TOP OF CASING ELEVATION (ft, NAVD): 299.89

TOP OF SCREEN ELEVATION (ft, NAVD): 186.9

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: 7 - 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: 133.2 gallons

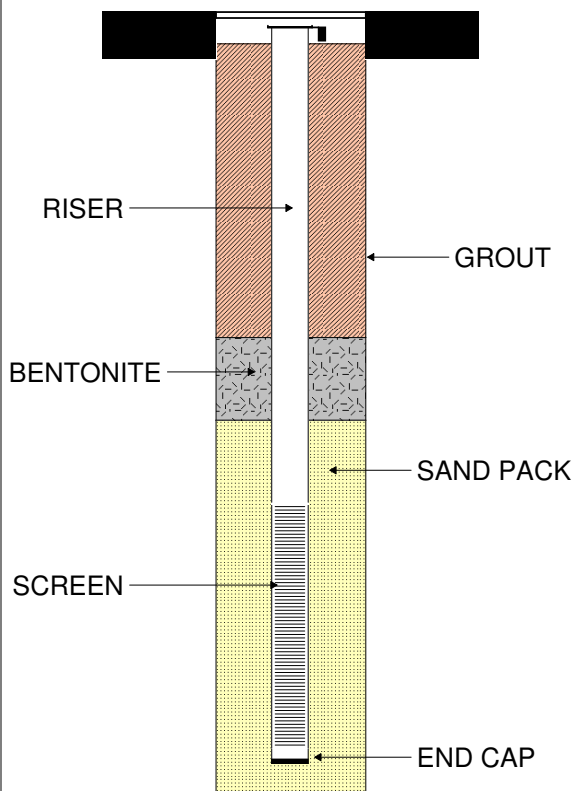
DEVELOPMENT METHOD: Surge&Pump

DATE DEVELOPED: 12/8/2016

DEPTH TO WATER (ft.btoc): 90.37

NOTES: Boring backfilled by soil collapse to 125 ft, bgs and bentonite to 123 ft, bgs prior to well installation. 500 gallons of water used during drilling; 515 gallons removed during development. Depth to water measured on 12/9/16.

Well
Completion
(Not to Scale)



Well
Details

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

LENGTH OF RISER (ft): 112.0

DEPTH TO TOP OF BENTONITE (ft, bgs): 102

DEPTH TO TOP OF SAND PACK (ft, bgs): 107

LENGTH OF SCREEN (ft): 10

LENGTH OF END CAP: 0.2 ft.

TOTAL DEPTH OF WELL (ft, btoc): 122.2

TOTAL DEPTH OF BORING (ft, bgs): 129

Prepared by: WTR Date Prepared: 12/22/2016

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