



WELL INSTALLATION DIAGRAM

WELL NO.: MW-281

PROJECT: SRI Phase 2
PROJECT NUMBER: 10021503
SITE LOCATION: DDMT, Main Installation
PROJECT MANAGER: T. Holmes
FIELD STAFF: J. Bills
DATE COMPLETED: 11/11/2016
WELL LOCATION: In parking area on south side of building 529, west of MW-258.

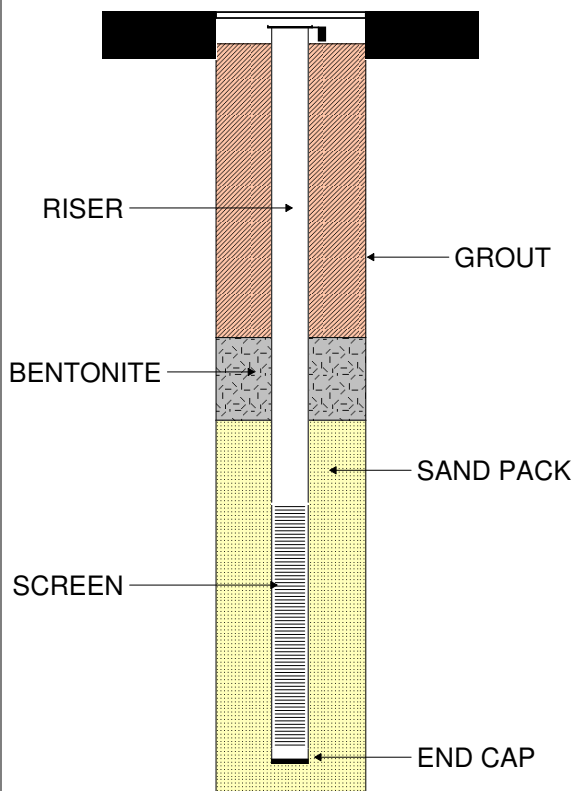
NORTHING: 278155.12
EASTING: 804123.08
GROUND SURFACE ELEVATION (ft, NAVD): 305.03
TOP OF CASING ELEVATION (ft, NAVD): 304.56
TOP OF SCREEN ELEVATION (ft, NAVD): 223.9

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: 6 - 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: 91.4 gallons
DEVELOPMENT METHOD: Surge&Pump
DATE DEVELOPED: 11/16/2016
DEPTH TO WATER (ft.btoc): 78.58

NOTES: Boring backfilled by soil collapse to 94 ft, bgs and bentonite to 91 ft, bgs prior to well installation. No water used during drilling; 40 gallons removed during development. Depth to water measured on 12/6/16.

Well Completion (Not to Scale)



Well Details

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

LENGTH OF RISER (ft): 80.7

DEPTH TO TOP OF BENTONITE (ft, bgs): 70

DEPTH TO TOP OF SAND PACK (ft, bgs): 75

LENGTH OF SCREEN (ft): 10

LENGTH OF END CAP: 0.2 ft.

TOTAL DEPTH OF WELL (ft, btoc): 90.9

TOTAL DEPTH OF BORING (ft, bgs): 104

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

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