

WELL INSTALLATION DIAGRAM

WELL NO.: MW-289

PROJECT: SRI Phase 3

PROJECT NUMBER: <u>10058697</u>

SITE LOCATION: DDMT, Main Installation

PROJECT MANAGER: T. Holmes

FIELD STAFF: C. Mokri

DATE COMPLETED: 6/19/2018

WELL LOCATION: SE corner of building 530

NORTHING: <u>277865.43</u> EASTING: 804526.32

GROUND SURFACE ELEVATION (ft, NAVD): 305.85 TOP OF CASING ELEVATION (ft, NAVD): 305.41 TOP OF SCREEN ELEVATION (ft, NAVD): 227.6

DRILLING CO.: Cascade Drilling, L.P.

DRILLING METHOD: <u>Sonic</u> BOREHOLE DIAMETER (in): 6

SURFACE COMPLETION: Flush Mount

BOLLARDS: No

Prepared by: WTR

Date Prepared: 8/30/2018

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: 15/18 Red Flint S&G

QUANTITY OF FILTER PACK: 7 - 50lb bags

TYPE OF BENTONITE IN SEAL: <u>Holeplug 3/8" Chips</u> QUANTITY OF BENTONITE IN SEAL: <u>1 -50lb bag</u> TYPE OF GROUT: Type I/II cement with 4% bentonite

Date Checked: 9/28/2018

QUANTITY OF GROUT: <u>120 gallons</u> DEVELOPMENT METHOD: <u>Surge&Pump</u>

DATE DEVELOPED: 7/16/2018
DEPTH TO WATER (ft.btoc): 76.78

NOTES: No water used during drilling; 32 gallons removed during development. Depth to water measured on 08/11/18.

Well Well Completion **Details** (Not to Scale) DIMENSIONS OF CONCRETE PAD: 3ft. X 3ft. RISER -**GROUT** LENGTH OF RISER (ft): 77.8 DEPTH TO TOP OF BENTONITE (ft, bgs): 68 **BENTONITE** DEPTH TO TOP OF SAND PACK (ft, bgs): 73 SAND PACK SCREEN -LENGTH OF SCREEN (ft): 10 LENGTH OF END CAP: 0.2 ft. TOTAL DEPTH OF WELL (ft, btoc): 88 **END CAP** TOTAL DEPTH OF BORING (ft, bgs): 90

Checked by: TCH