

DDMT MONITORING WELL INSTALLATION DIAGRAM (FLUSH MOUNT COMPLETION)

PROJECT NAME DDMT PROJECT NO. 6301-04-0002
 WELL NO. MW-142 WELL LOCATION MI BEHIND WAREHOUSE 835 ALONG BARNHART FENCE LINE
 DATE 05/21/2004 START TIME 1100 5/22/04 FINISHED WITH GROUT

GROUND SURFACE ELEVATION 291.49
 TOP OF SCREEN ELEVATION 211.87
 REFERENCE POINT ELEVATION 291.8
 TYPE FILTER PACK SAND GRADATION 20/40
 FILTER PACK MANUFACTURER FILTER SIL

SCREEN MATERIAL SCH. 40 PVC
 MANUFACTURER JOHNSON

SCREEN DIAMETER 2 INCH SLOT SIZE 0.010"

RISER MATERIAL SCH. 40 PVC
 MANUFACTURER JOHNSON

RISER DIAMETER 2 INCH

DRILLING TECHNIQUE ROTO SONIC
 AUGER/BIT SIZE AND TYPE 6" OUTER CASING
 4" CORE BARREL

REMARKS

BENTONITE TYPE CHIPS MEDIUM
 MANUFACTURER PURE GOLD

CEMENT TYPE TYPE I/II PORTLAND CEMENT
 MANUFACTURER LONESTAR

BOREHOLE DIAMETER 7 INCH

MACTEC FIELD REPRESENTATIVE AMY CALLAWAY

DRILLING CONTRACTOR PROSONIC

AMOUNT BENTONITE BELOW (SCREEN) 2-50 LB BAGS

AMOUNT BENTONITE USED (SEAL) 2-50 LB BAGS

AMOUNT BENTONITE USED (GROUT) 1/2-50 LB BAG

DENSITY OF GROUT= 1ST 13.4 LBS/GAL
 2ND 13.5 LBS/GAL
 3RD 14.4 LBS/GAL

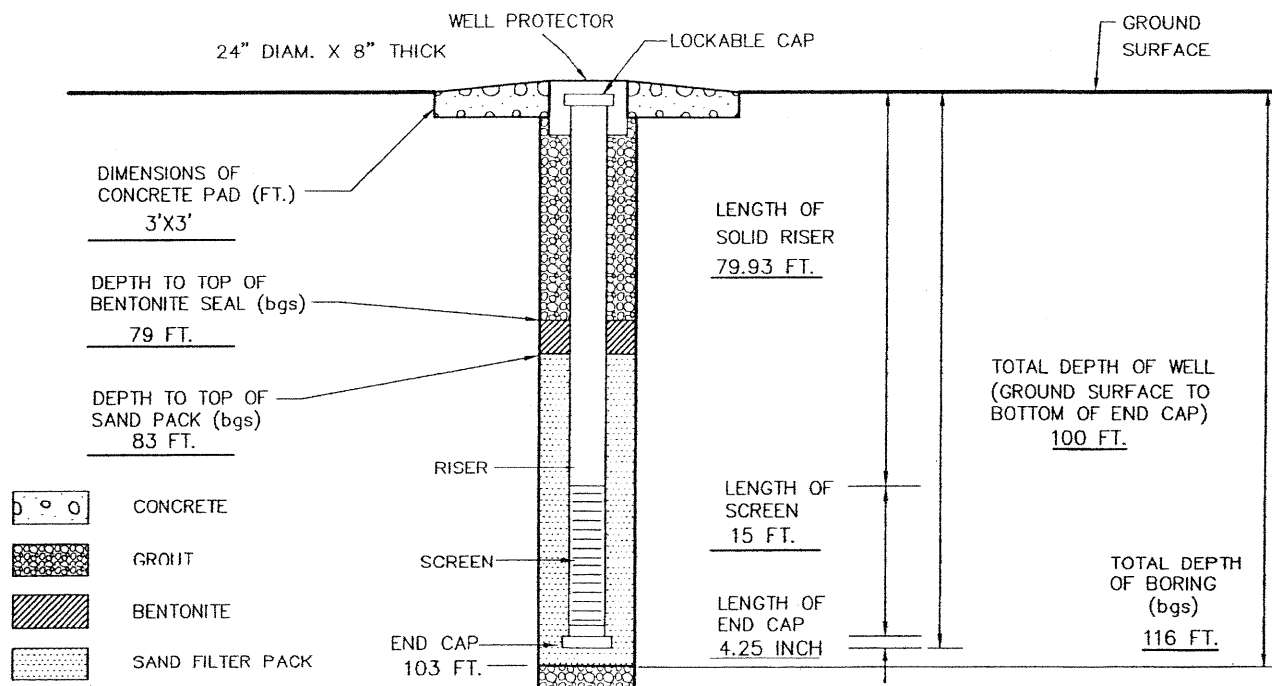
AMOUNT CEMENT USED (GROUT) 12-94 LB BAGS

AMOUNT SAND USED 7-50 LB BAG

STATIC WATER LEVEL (>24 hrs after dev) 93.12

MEASURED ON (Date/Time) 06/25/2004

(NOT TO SCALE;
 ALL MEASUREMENTS IN FEET)



QA / QC

DRILLER: DAVID WILCOX

INSPECTOR: AMY CALLAWAY

DISCREPANCIES:

CHECKED BY: K.A./RNQ DATE: 07-08-2004/09-3-2004