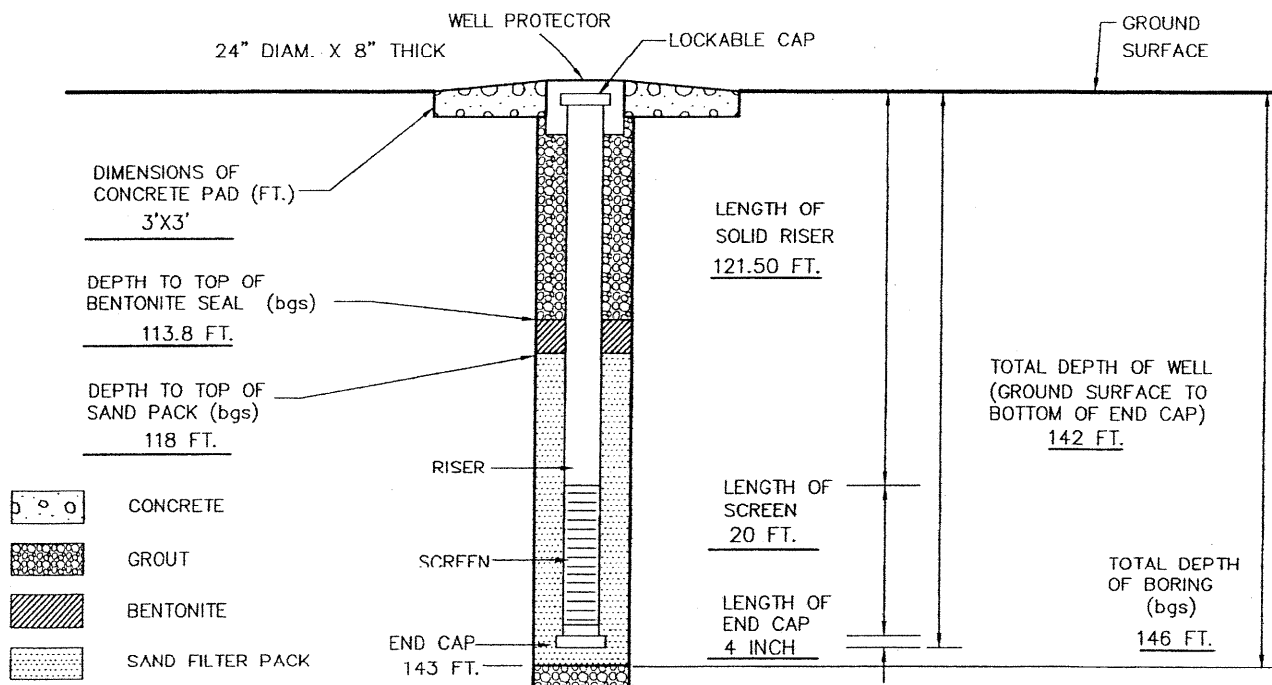


# DDMT MONITORING WELL INSTALLATION DIAGRAM (FLUSH MOUNT COMPLETION)

PROJECT NAME DDMT PROJECT NO. 6301-04-0002  
 WELL NO. DR1-1 WELL LOCATION SW OF MW143 NEXT TO BARNHART MAIN OFFICE  
 DATE 05/10/2004 START TIME 14:00

GROUND SURFACE ELEVATION <u>293.26</u>	BENTONITE TYPE <u>CHIPS MEDIUM</u>
TOP OF SCREEN ELEVATION <u>171.59</u>	MANUFACTURER <u>PURE GOLD</u>
REFERENCE POINT ELEVATION <u>293.09</u>	CEMENT TYPE <u>TYPE I/II PORTLAND CEMENT</u>
TYPE FILTER PACK <u>SAND</u> GRADATION <u>20/40</u>	MANUFACTURER <u>LONESTAR</u>
FILTER PACK MANUFACTURER <u>FILTER SIL</u>	BOREHOLE DIAMETER <u>6 INCH</u>
SCREEN MATERIAL <u>SCH. 40 PVC</u>	MACTEC FIELD REPRESENTATIVE <u>KEVIN ARNOLD</u>
MANUFACTURER <u>JOHNSON</u>	DRILLING CONTRACTOR <u>PROSONIC</u>
SCREEN DIAMETER <u>2 INCH</u> SLOT SIZE <u>0.010"</u>	AMOUNT BENTONITE BELOW (SCREEN) <u>1-50 LB BAG</u>
RISER MATERIAL <u>SCH. 40 PVC</u>	AMOUNT BENTONITE USED (SEAL) <u>1-50 LB BAG</u>
MANUFACTURER <u>JOHNSON</u>	AMOUNT BENTONITE USED (GROUT) <u>3/4 OF 5 GAL BUCKET</u>
RISER DIAMETER <u>2 INCH</u>	DENSITY OF GROUT= <u>-----</u>
DRILLING TECHNIQUE <u>ROTO SONIC</u>	AMOUNT CEMENT USED (GROUT) <u>20-94 LB BAGS</u>
AUGER/BIT SIZE AND TYPE <u>6" OUTER CASING</u>	AMOUNT SAND USED <u>11-50 LB BAGS</u>
<u>4" CORE BARREL</u>	STATIC WATER LEVEL (>24 hrs after dev) <u>91.94</u>
REMARKS <u>FINISHED @ 0915 05/11/2004</u>	MEASURED ON (Date/Time) <u>06/24/2004</u>

(NOT TO SCALE;  
ALL MEASUREMENTS IN FEET)



QA / QC

DRILLER: DAVID WILCOX INSPECTOR: KEVIN ARNOLD  
 DISCREPANCIES: \_\_\_\_\_ CHECKED BY: A.C./RNQ DATE: 07-08-2004/09-03-04