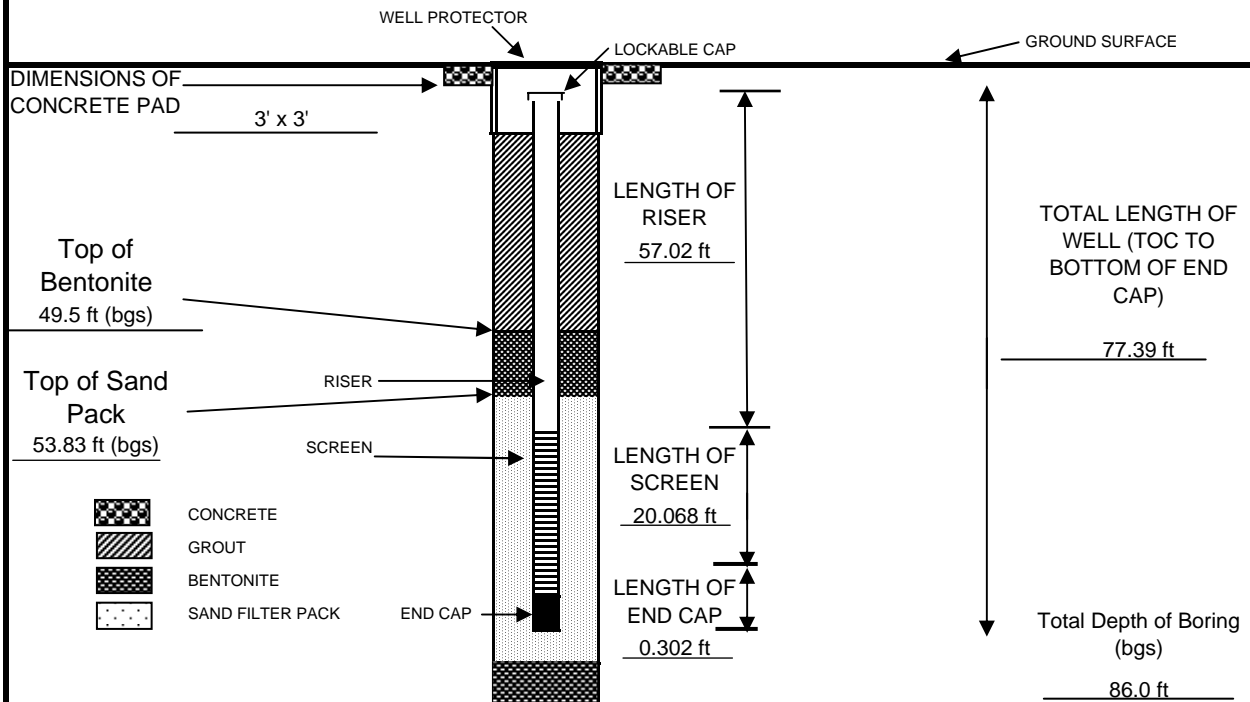


# DDMT MONITORING WELL INSTALLATION DIAGRAM (FLUSH MOUNT COMPLETION)

PROJECT NAME: DDMT PROJECT NO. 6301-04-0002  
WELL ID. MW-163 NORTHING: 281152.59 EASTING: 801487.27  
DATE 10/07/04 START TIME 17:45

GROUND SURFACE ELEVATION: 290.81 BENTONITE TYPE 3/8" Coarse Grade  
MANUFACTURER Bariod  
TOP OF SCREEN ELEVATION: 234.68 CEMENT TYPE Type II Portland Cement  
MANUFACTURER LoneStar  
REFERENCE POINT ELEVATION 290.63 BOREHOLE DIAMETER 6"  
MACTEC FIELD REPRESENTATIVE Kevin Arnold  
TYPE FILTER PACK 20/40 Sand DRILLING CONTRACTOR ProSonic  
FILTER PACK MANUFACTURER FilterSil AMOUNT BENTONITE BELOW (SCREEN) 1.5 bags  
AMOUNT BENTONITE USED (SEAL) 1 bucket (50lb)  
SCREEN MATERIAL Schedule 40 PVC AMOUNT BENTONITE USED (GROUT) 1/5 of bucket  
MANUFACTURER Johnson DENSITY OF GROUT 13.5 lbs/kg  
13.2 lbs/kg  
RISER DIAMETER 2"  
AMOUNT CEMENT USED (GROUT) 7 bags (94 lb)  
DRILLING TECHNIQUE Rotosonic AMOUNT SAND USED 9 bags (50 lb)  
AUGER/BIT SIZE AND TYPE 6"/4"  
STATIC WATER LEVEL (>24 hrs after dev) 73.52  
REMARKS \_\_\_\_\_ MEASURED ON (Date/Time) 10/8/04 8:50

(NOT TO SCALE: ALL MEASUREMENTS IN FEET)



QA / QC

DRILLER: David Wilcox INSPECTOR: Kevin Arnold  
DISCREPANCIES: \_\_\_\_\_ CHECKED BY: RNQ DATE: 11/22/04