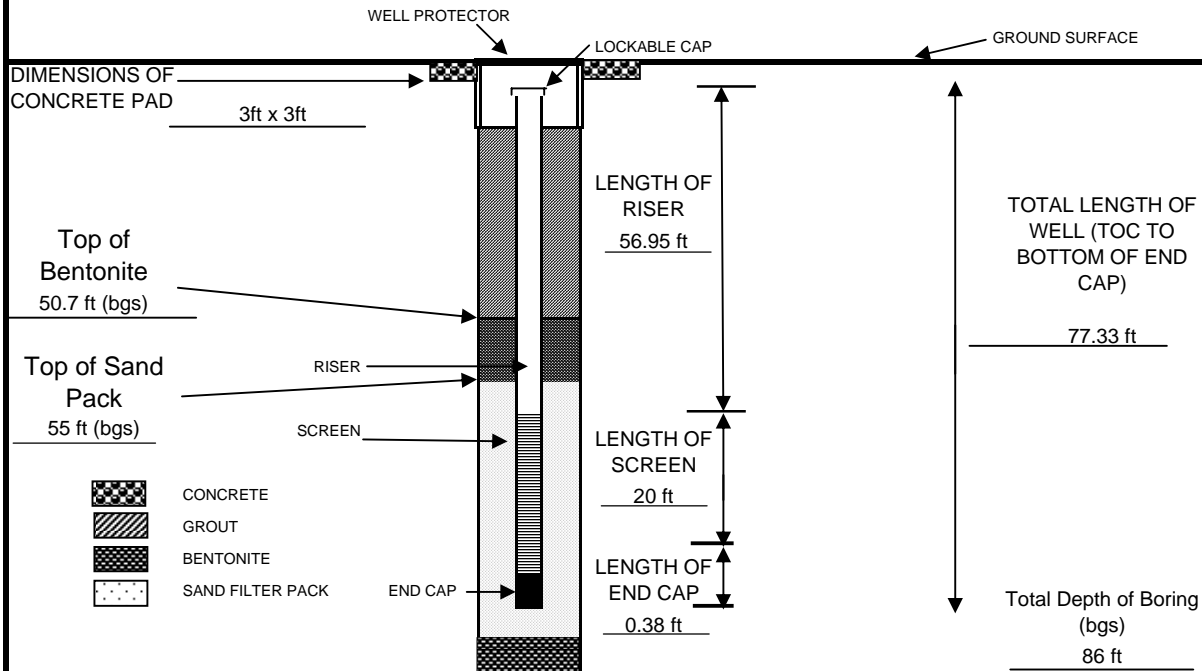


# DDMT MONITORING WELL INSTALLATION DIAGRAM (FLUSH MOUNT COMPLETION)

PROJECT NAME: <u>DDMT</u>	PROJECT NO. <u>6301-04-0002</u>
WELL ID. <u>MW-157</u>	NORTHING: <u>281050.91</u> EASTING: <u>801348.32</u>
DATE <u>08/15/04</u>	START TIME <u>10:47</u>

GROUND SURFACE ELEVATION: <u>286.83</u>	BENTONITE TYPE <u>3/8" Coarse Grade</u>
	MANUFACTURER <u>Bariod</u>
TOP OF SCREEN ELEVATION: <u>229.90</u>	CEMENT TYPE <u>Type II Portland Cement</u>
	MANUFACTURER <u>LoneStar</u>
REFERENCE POINT ELEVATION <u>286.78</u>	BOREHOLE DIAMETER <u>6"</u>
	MACTEC FIELD REPRESENTATIVE <u>Kevin Arnold</u>
TYPE FILTER PACK <u>20/40 Sand</u>	DRILLING CONTRACTOR <u>ProSonic</u>
FILTER PACK MANUFACTURER <u>FilterSil</u>	AMOUNT BENTONITE BELOW (SCREEN) <u>2 bags (50 lb)</u>
	AMOUNT BENTONITE USED (SEAL) <u>1 bag (50 lb)</u>
SCREEN MATERIAL <u>Schedule 40 PVC</u>	AMOUNT BENTONITE USED (GROUT) <u>1/2 bucket</u>
MANUFACTURER <u>Johnson</u>	DENSITY OF GROUT <u>13.6 lbs/kg</u>
	<u>14 lbs/kg</u>
RISER DIAMETER <u>2"</u>	
	AMOUNT CEMENT USED (GROUT) <u>8 bags (94 lb)</u>
DRILLING TECHNIQUE <u>Rotosonic</u>	AMOUNT SAND USED <u>9 bags (50 lb)</u>
AUGER/BIT SIZE AND TYPE <u>6"/2"</u>	
	STATIC WATER LEVEL (>24 hrs after dev) <u>69.59</u>
REMARKS	MEASURED ON (Date/Time) <u>8/18/2004</u>

(NOT TO SCALE: ALL MEASUREMENTS IN FEET)



QA / QC

DRILLER: <u>David Wilcox</u>	INSPECTOR: <u>Kevin Arnold</u>
DISCREPANCIES: _____	CHECKED BY: <u>RNQ</u> DATE: <u>09/13/04</u>