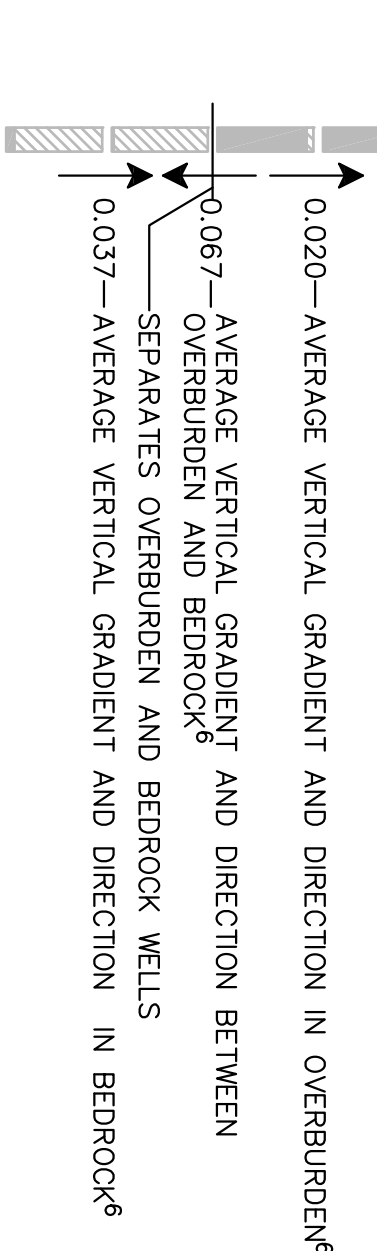


MW-201/B BEDROCK MONITORING WELL LOCATION  
 4.83' GROUNDWATER ELEVATION IN FEET  
 MONITORING WELL LOCATION ON 10/19/2010  
 NO GROUNDWATER ELEVATION DATA

MW-204A  
 TIDAL FLUCTUATION IN GLOUCESTER HARBOR  
 MONITORING WELL LOCATION  
 NO GROUNDWATER ELEVATION DATA  
 INDICATES NO TIDAL INFLUENCE OBSERVED



**NOTES**

- 1) DRAWING WAS CREATED FROM SURVEY PLAN PROVIDED TO GZA BY U.S. COAST GUARD, SOUTHERN AREA, TECHNICAL CONDITIONS PLAN OF LAND IN GLOUCESTER, MA, DATED JUNE 17, 2006.
- 2) REFER TO FIGURE 2 FOR SOURCE OF HISTORICAL SITE FEATURE INFORMATION.
- 3) ELEVATIONS SHOWN HEREON REFER TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.
- 4) GROUNDWATER ELEVATION CONTOURS DERIVED WERE INTERFERED BASED ON MONITORING DATA POINTS. ALTERNATE INTERPRETATIONS ARE POSSIBLE.
- 5) GROUNDWATER CONTOURS REPRESENT GROUNDWATER ELEVATIONS ON 10/19/2010 AT LOW TIDE.
- 6) VERTICAL GRADIENT CALCULATED AS:  
 (GROUNDWATER ELEVATION IN SHALLOW WELL - GROUNDWATER ELEVATION IN DEEP WELL) / (DEPTH TO SCREENED PORTION OF DEEP WELL)  
 (DEPTH TO SCREENED PORTION OF SHALLOW WELL - DEPTH TO SCREENED PORTION OF DEEP WELL)
- 7) \* THE RELATIVELY LOW GROUNDWATER ELEVATION AT MW-204B ON OCTOBER 19, 2010 IS INCONSISTENT WITH THE OVERALL DATA SET FOR THIS WELL LOCATION. THIS CONDITION IS LIKELY ATTRIBUTED TO RESIDUAL TRANSIENT EFFECTS OF RECENT BAILING FROM THE WELL. VERY LOW HYDRAULIC CONDUCTIVITY OF THE FORMATION MATERIALS.



**FORMER GLOUCESTER GAS LIGHT COMPANY MGP FACILITY**  
 GLOUCESTER, MASSACHUSETTS  
**SOUTHERN AREA BEDROCK WELLS**  
 OCTOBER 2010

PREPARED BY: JRP	DESIGNED BY: JRP	CHECKED BY: MMB
DRAWN BY: JFC	ISSUED BY: JFC	PROF. SEAL: AS NOTED

PROJECT NO.: 0910026232.00  
 SHEET NO.: 7G

THE INFORMATION CONTAINED ON THIS PLAN OR IN THIS REPORT IS BASED ON THE DATA PROVIDED BY THE CLIENT AND THE INFORMATION OBTAINED FROM THE FIELD SURVEY AND LABORATORY TESTS. THE INFORMATION IS PROVIDED AS IS AND IS NOT GUARANTEED. THE USER OF THIS INFORMATION SHOULD CONSULT WITH THE PROFESSIONAL ENGINEER OF RECORD FOR A COMPLETE UNDERSTANDING OF THE INFORMATION AND THE LIMITATIONS THEREON. THE PROFESSIONAL ENGINEER OF RECORD IS NOT RESPONSIBLE FOR ANY USES OF THIS INFORMATION OTHER THAN THAT FOR WHICH IT WAS PROVIDED.