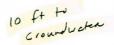


2.2.2 Hydrogeologic Setting



The groundwater surface elevation is approximately 1,160 feet above Mean Sea Level (MSL) (I.D. Lippelt, 1981). The most recent United States Geologic Survey topographic map indicates the surface elevation of the site is approximately 1170 feet above MSL, thus the groundwater table is approximately 10 feet below land surface. Measured depth to groundwater at a nearby site (City of Wausau Public Works Department, which is less than 1000 feet south), was 7 to 8 feet below sea level. Regional groundwater movement is generally east towards the Wisconsin River, but can be influenced by seasonal water level variations on the river. At the City of Wausau site there was a relatively flat groundwater movement gradient of 0.0001 ft/ft measured in the winter.