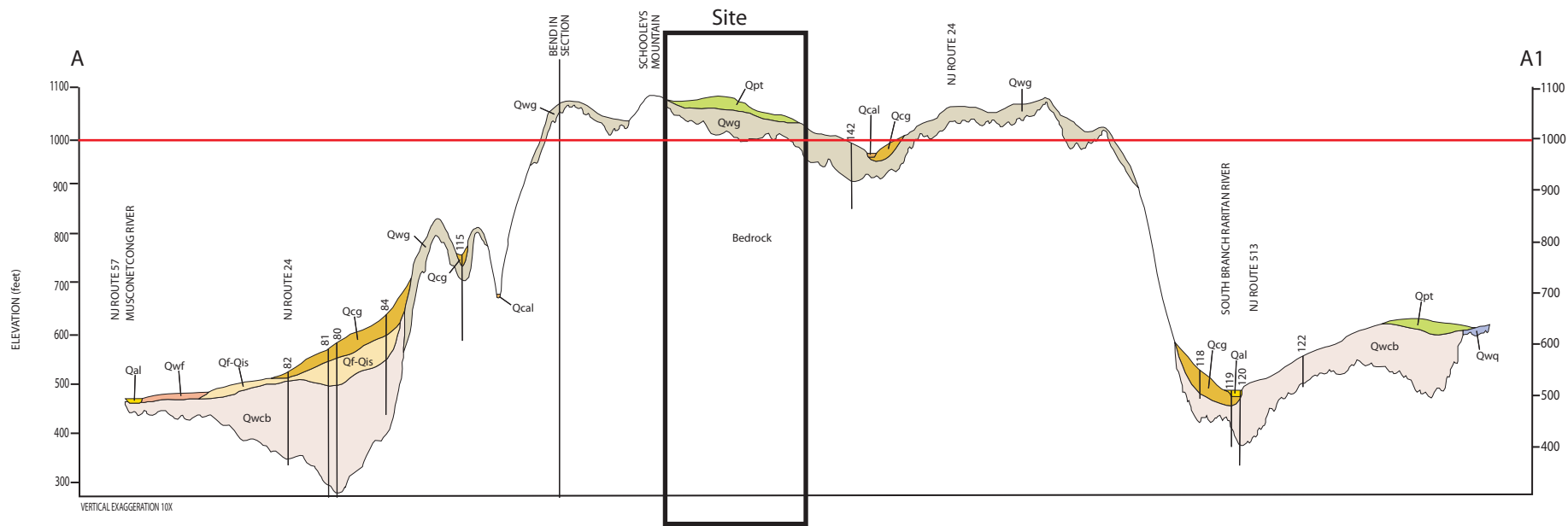


A1

50' Contour interval

geology map and section of site

Site's top layer of soil consists primarily of Pre-Illinoian Till with a sub-layer of weathered Gneiss. At the center of the site bedrock is located roughly at 1000ft elevation.



Qpt PRE-ILLINOIAN TILL—Yellowish-brown to reddish-yellow silty clay to sandy clayey silt with some (5-10% by volume) to many (10-40%) subrounded to subangular pebbles and cobbles and few (1-5%) to some subrounded boulders. Gravel includes, in approximate order of abundance, gray and white gneiss, gray quartzite and quartzite-conglomerate, gray mudstone and sandstone, dark-gray chert, and reddish-brown quartzite-conglomerate. Boulders are clearly grey gneiss and gray to white quartzite and quartzite-conglomerate. The mudstone, sandstone, and gneiss gravel clasts have weathering ends or are completely decomposed. As much as 30 feet thick. Equivalent to the Port Murray Formation, till facies, of Stone and others (2002).

Qwg WEATHERED GNEISS—Yellowish-brown, yellow, very pale brown, reddish-yellow, silty sand, silty clayey sand to sandy clayey silt, locally micaceous, with