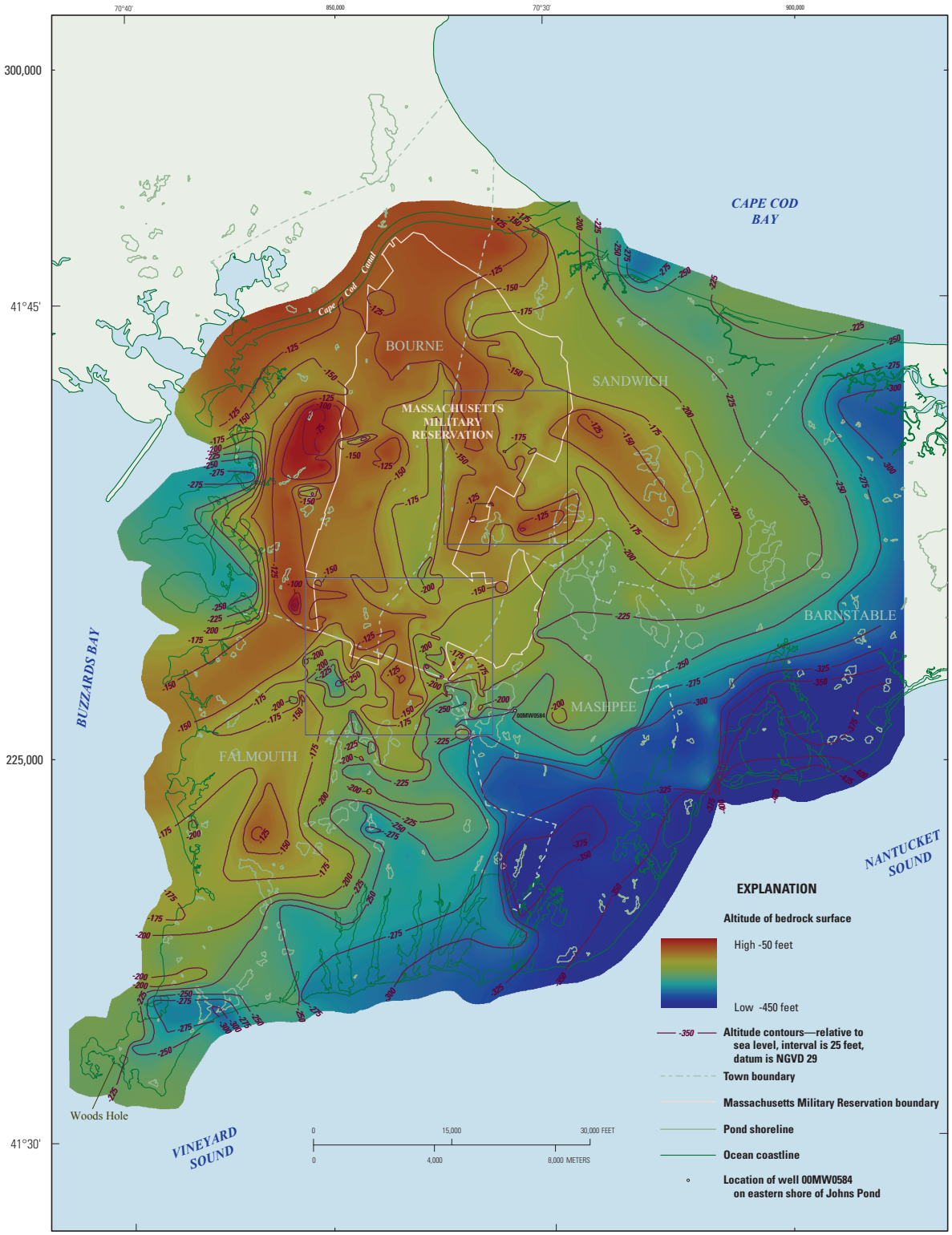

Base from USGS and MassGIS sources, North American Datum of 1927 (NAD 27)
Altitudes relative to the National Geodetic Vertical Datum of 1929 (NGVD 29)

Figure 5. The bedrock-surface altitudes from the HVSR survey, seismic refraction surveys, and geologic borings that reportedly hit bedrock were plotted on a map of western Cape Cod and hand contoured with a 25-foot contour interval. This interval is consistent with an estimated uncertainty in the bedrock-surface altitudes from the HVSR method of about 10 percent of the depth to bedrock, or about 20–30 feet over much of the area. The altitudes from the borings have an estimated uncertainty of about 5 feet. The location of the map is shown in figure 1. MMR, Massachusetts Military Reservation.