

**212738158034301 Local number 3-2703-02 Kunia basal monitor well, Oahu, HI**

Hawaii volcanic-rock aquifers  
 Waianae Volcanic Series, Lava Flows

LOCATION.--Lat 21°27'29.5", long 158°03'31.3" referenced to North American Datum of 1983, Honolulu County, HI, Hydrologic Unit 20060000, 2.9 mi southwest of Kaala School, 0.4 mi southeast of Kunia school and 2.2 mi east of Mililani Golf Course.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Drilled basal water-table well, depth 993.5 ft, 8-in.casing diameter, solid casing to 820.5 ft. and perforated casing from 820.5 ft to 971.1 ft.

DATUM.--Elevation of land-surface datum is 849.5 ft. Measuring point is a chiseled line on the front edge of a 2-inch steel closed nipple welded in the center of a 12-inch flange inside a 24 by 35-inch casing. Measuring Point elevation is 852.39 ft above mean sea level as of August 17, 2011, previous measuring point elevation was 852.26 feet.

PERIOD OF RECORD.--Water level: occasional measurements, January 2001 to September 2009, June 2010 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured: 25.73 ft above mean sea level, July 24, 2006; lowest water level measured: 18.25 ft above mean sea level, October 26, 2001.

**WATER SURFACE ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL  
 WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked; T, electric tape. Water-level status: S, nearby site that taps the same aquifer was being pumped; --, static; T, nearby site that taps the same aquifer had been pumped recently.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 4	22.28	V	S	Apr 26	22.22	V	--
Jan 26	22.45	V	--	Jul 11	21.73	T	T