

GROUND-WATER LEVELS

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HAWAII, ISLAND OF KAUAI

220008159204701. Local number, 2-0020-03. EWM No 1, Hanamaulu, Kauai.

LOCATION.--Lat 22°00', long 159°21', Old Hawaiian Datum, Hydrologic Unit 20070000, 1.5 mi. south of Wailua County Golf Course, and .6 mi south of Wailua County Golf Course, and .6 mi northwest of Hanamaulu Beach Park.

AQUIFER.--Koloa Volcanics, Pliocene to Pleistocene age.

WELL CHARACTERISTICS.--Drilled water-table well, depth 290 ft, 12-in. casing diameter, cased to 110 ft., open hole 110-290 ft.

DATUM.--Elevation of land-surface datum is 69 ft. Measuring point is the top of flange after 5/8 inch plug is removed 70.09 ft above mean sea level.

REMARKS.--Well is to provide water for future needs as lands are developed.

PERIOD OF RECORD.-- Water level: occasional measurements, March 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.45 ft above mean sea level, January 28, 2005, March 21, 2005; lowest water level measured, 7.35 ft above mean sea level, March 4, 2002.

WATER LEVEL, IN FEET, RELATIVE TO MEAN SEA LEVEL, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL										
OCT 13	8.61	DEC 07	9.11	JAN 28	9.45	MAR 21	9.45	JUN 06	8.54	AUG 02	8.95

WATER LEVEL, IN FEET, RELATIVE TO MEAN SEA LEVEL, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL										
OCT 15	8.89	DEC 18	8.61	FEB 03	8.60	APR 12	8.69	JUN 08	8.17	AUG 09	8.78