

# GROUND-WATER LEVEL DATA

## SOUTH-CENTRAL ALASKA

### MATANUSKA-SUSITNA BOROUGH

613053149565301. Local number, SB01700435DCDC1002.

LOCATION.--Lat 61°30'49", Long 149°56'38"; in SE<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub> SE<sup>1</sup>/<sub>4</sub> sec. 35, T. 17 N., R. 4 W. (Anchorage C-8 SW quad), Seward Meridian, Hydrologic Unit 19020505. Well located near the southern shore of Big Lake, Big Lake, Alaska.

AQUIFER.--Sand and gravel of the Quaternary System.

WELL CHARACTERISTICS.--Diameter 6-in. steel casing, depth 25 ft, cased to 24 ft and open at bottom.

INSTRUMENTATION.--Intermittent measurements made by U.S. Geological Survey personnel in 1999 and 2005 water years.

DATUM.--Elevation of land-surface datum is 153.36 ft NAVD88. Horizontal coordinates are NAD83. (Elevation and horizontal coordinates determined using Survey-Grade Global Positioning System Static and Real-Time-Kinematic surveys). Measuring point: top of casing cover at 9/16-in. inspection plug, 0.60 ft above land-surface datum.

REMARKS.--Well drilled July 18, 1975 by Jenkins Well Drilling.

#### WATER-LEVEL RECORDS

PERIOD OF RECORD.--June and August 1999 and July to September 2005.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.91 ft below land-surface datum, September 16, 2005; lowest measured, 12.70 ft below land-surface datum, June 4 and August 6, 1999.

EXTREMES FOR CURRENT YEAR.--Highest water level measured, 11.91 ft below land-surface datum, September 16, 2005; lowest measured, 12.53 ft below land-surface datum, August 3, 2005.

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#### DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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Date	Water Level (ft)	Date	Water Level (ft)
July 19	12.31	Sept. 16	11.91
Aug. 3	12.53		