

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMPILATION OF WELL AND GROUND-WATER QUALITY DATA,
GROVELAND-COLLINS AND SURROUNDING AREAS NEAR BLACKFOOT,
BINGHAM COUNTY, IDAHO

By D. J. Parlman

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UNITED STATES DEPARTMENT OF THE INTERIOR

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CONVERSION FACTORS

<u>Multiply</u>	<u>By</u>	<u>To obtain</u>
acre	4,047	square meter
foot (ft)	0.3048	meter
micromho per centimeter at 25 °C (μ mho/cm)	1.000	microsiemens per centimeter at 25 °C
mile (mi)	1.609	kilometer

Temperature in °C (degrees Celsius) can be converted to °F (degrees Fahrenheit) as follows:

$$^{\circ}\text{F} = (1.8)(^{\circ}\text{C}) + 32$$

All water temperatures are reported to the nearest 0.5 °C.

WELL-LOCATION SYSTEM

The well-location system (fig. 1) indicates the position of wells within the official rectangular subdivision of public lands, with reference to the Boise base line and meridian. The first two segments of the number designate township (north or south) and range (east or west). The third segment gives the section number; three letters, which indicate $\frac{1}{4}$ section (160-acre tract), $\frac{1}{4}$ - $\frac{1}{4}$ section (40-acre tract), and $\frac{1}{4}$ - $\frac{1}{4}$ - $\frac{1}{4}$ section (10-acre tract); and the serial number of the well within the tract. In areas where well locations are tightly clustered, a fourth letter is added to indicate $\frac{1}{4}$ - $\frac{1}{4}$ - $\frac{1}{4}$ - $\frac{1}{4}$ section (2.5-acre tract).

The U.S. Geological Survey in Idaho indicates quarter sections by the letters A, B, C, and D in counterclockwise order from the northeast quarter of each section. Within quarter sections, 40-acre, 10-acre, and 2.5-acre tracts are lettered in the same manner. For example, well 3S-35E-6CDA1 is the first well inventoried in the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of the SW $\frac{1}{4}$, section 6, township 3 south, range 35 east.

3S-35E-6CDA1

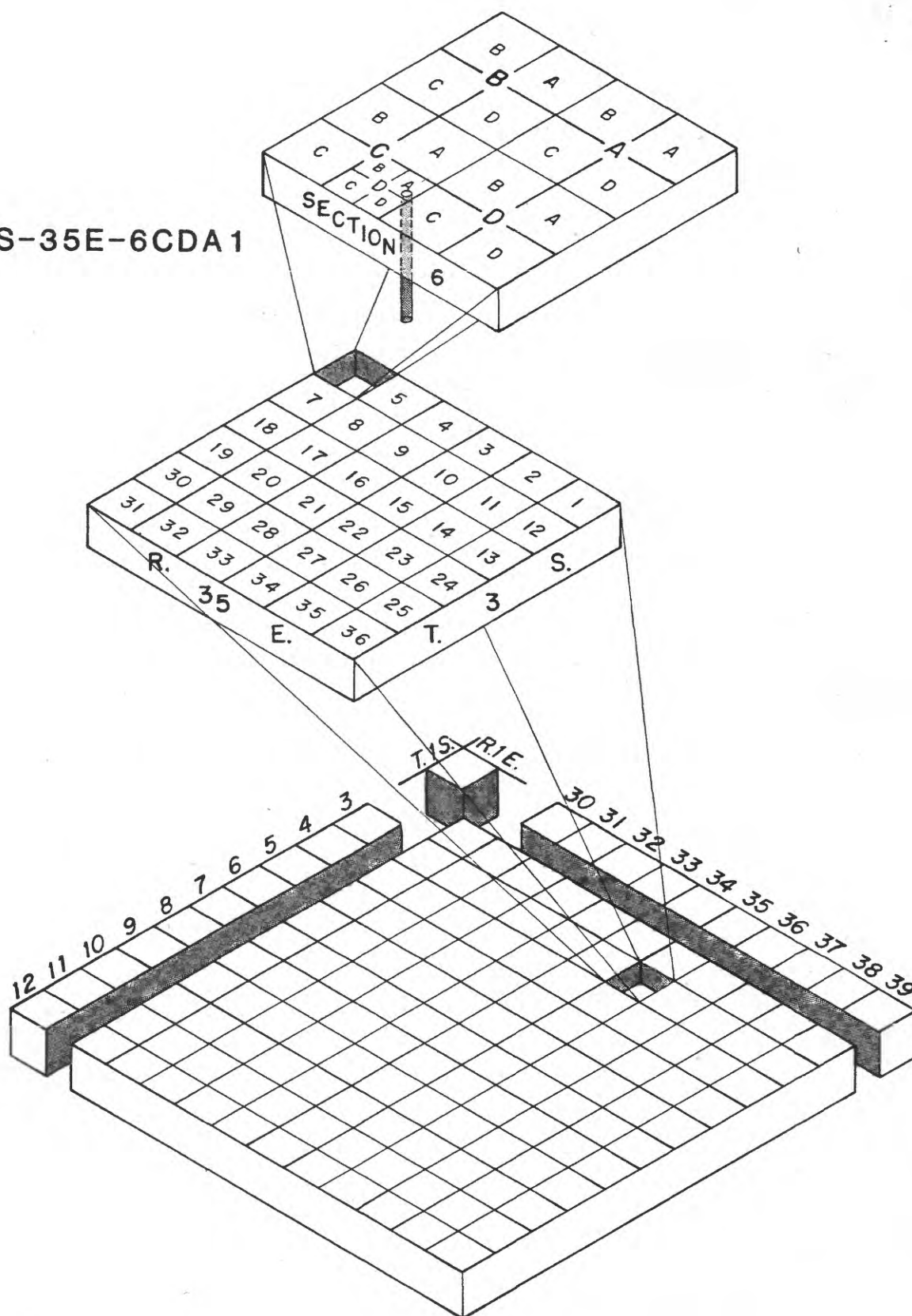


Figure 1.--Well location system.

COMPILATION OF WELL AND GROUND-WATER QUALITY DATA,
GROVELAND-COLLINS AND SURROUNDING AREAS NEAR
BLACKFOOT, BINGHAM COUNTY, IDAHO

By

D. J. Parlman

ABSTRACT

Well-construction, geologic, and water-level data from 1978 to 1985 were compiled for 163 sites near Blackfoot, Idaho. Ground-water quality data were compiled for 51 sites for the period 1961-83 and for 54 sites for the period 1984-85. Data were collected in support of the hydrologic and water-quality components of the U.S. Geological Survey's ground-water contamination investigation near Blackfoot.

INTRODUCTION

The purpose of this report is to present well-construction, geologic, water-level, and water-quality data compiled to determine ground-water hydrology and water chemistry in the Groveland-Collins and surrounding areas near Blackfoot, Idaho (fig. 2). These data were compiled as part of the hydrologic and water-quality components of a ground-water contamination investigation by the U.S. Geological Survey, conducted in cooperation with the Idaho Department of Health and Welfare, Division of Environment. A companion interpretive study is currently in progress (D. J. Parlman, U.S. Geological Survey, unpublished material, 1986).

Water-level and water-quality data in this report were collected by personnel from the Idaho Department of Water Resources; Bingham County; Idaho Department of Health and Welfare, Southeastern District Health Department; Idaho Department of Health and Welfare, Division of Environment; and U.S. Geological Survey. Sources of data are explained in following sections.

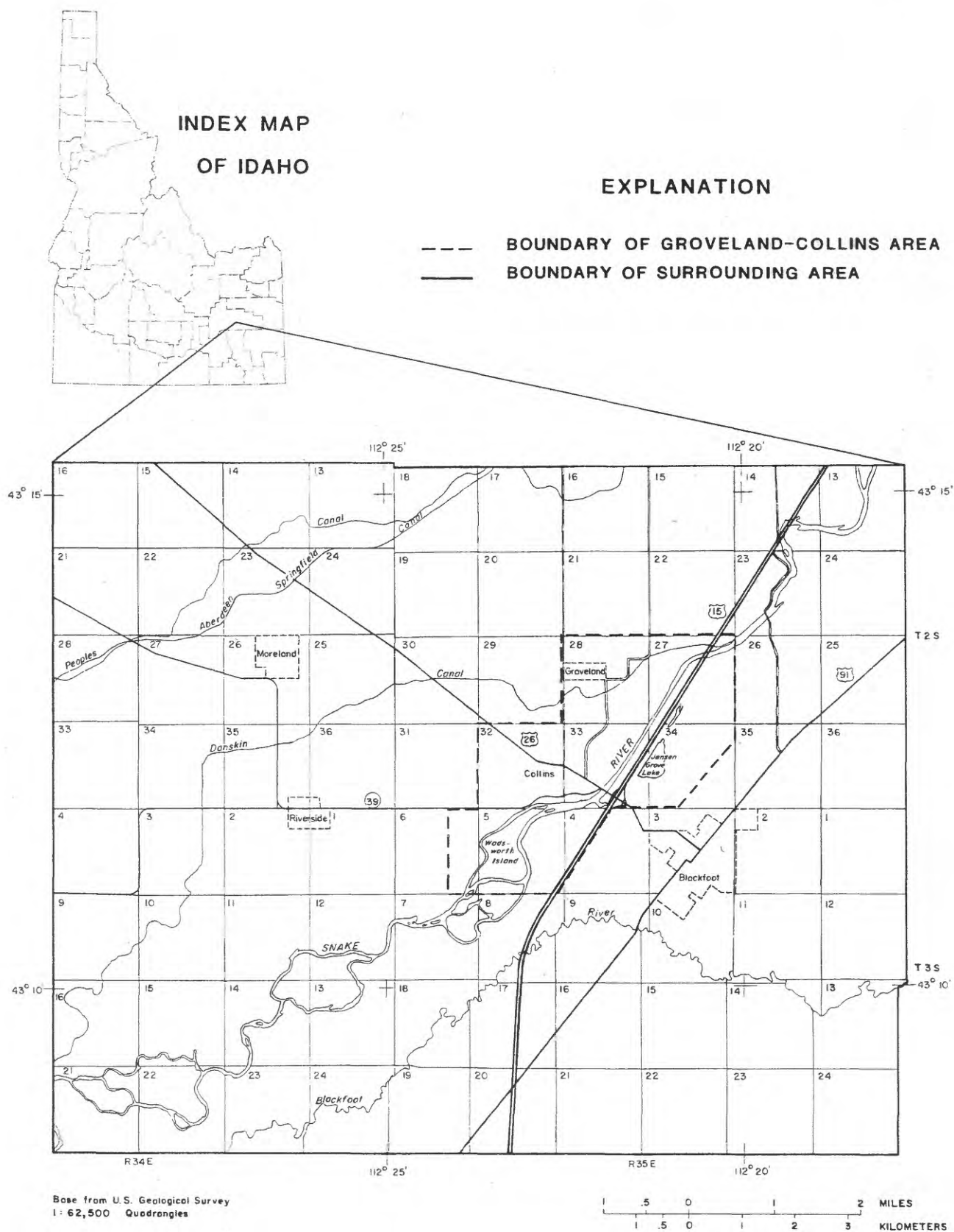


Figure 2.--Location of Groveland-Collins and surrounding areas.

Well and Water-Level Data

Selected well-construction, geologic, and water-level data for 163 wells in the study area (fig. 3) are shown in table 1. Wells are listed sequentially by township, range, and section location. Identification of well locations is simplified by use of assigned well numbers.

Well-construction, geologic, and well-use data generally are based on drillers' logs or information obtained from well owners. Water-level data include onsite measurements made by Idaho Department of Water Resources personnel for the period 1978-80 and by U.S. Geological Survey personnel for the period 1981-85. Selected water-level data from 1978 to 1980 originally were published by Bingham County (1981).

Ground-Water Quality Data, Pre-1984

Selected pre-1984 water-quality data for 51 wells (fig. 4) are listed in table 2. Wells are listed sequentially by township, range, and section location. Identification of well locations is simplified by use of assigned well numbers.

Most pre-1984 ground-water samples were collected by personnel from the Idaho Department of Health and Welfare, Southeastern District Health Department (Blackfoot) or Division of Environment (Pocatello), and were analyzed at the Idaho Department of Health and Welfare Bureau of Laboratories (Boise). Bacterial analyses were provided by the Idaho Department of Health and Welfare Branch Laboratory (Pocatello). Ground-water samples collected by Bingham County personnel were analyzed at various Idaho Department of Health and Welfare laboratories. An asterisk (*) after the sampling date in table 2 denotes an Idaho Department of Health and Welfare laboratory analysis made before the laboratory certification program was instituted (1976-77). U.S. Geological Survey samples were analyzed at the U.S. Geological Survey Central Laboratory (Denver). Unless noted otherwise, reported values are dissolved constituents and laboratory analyses, not onsite analyses.

Additional bacterial analyses for selected water samples are available in a report by Forsgren-Perkins Engineering (1982) but are not included in table 2.

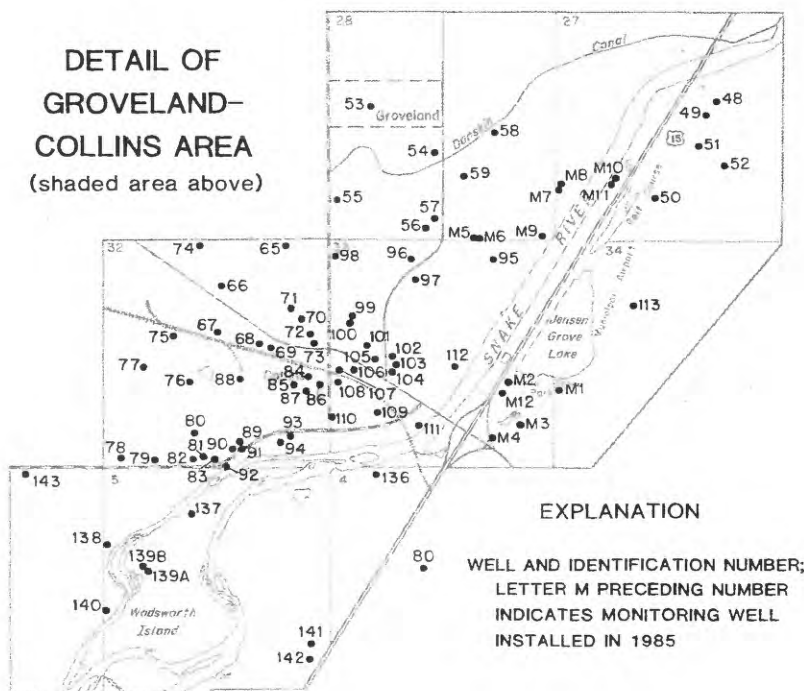
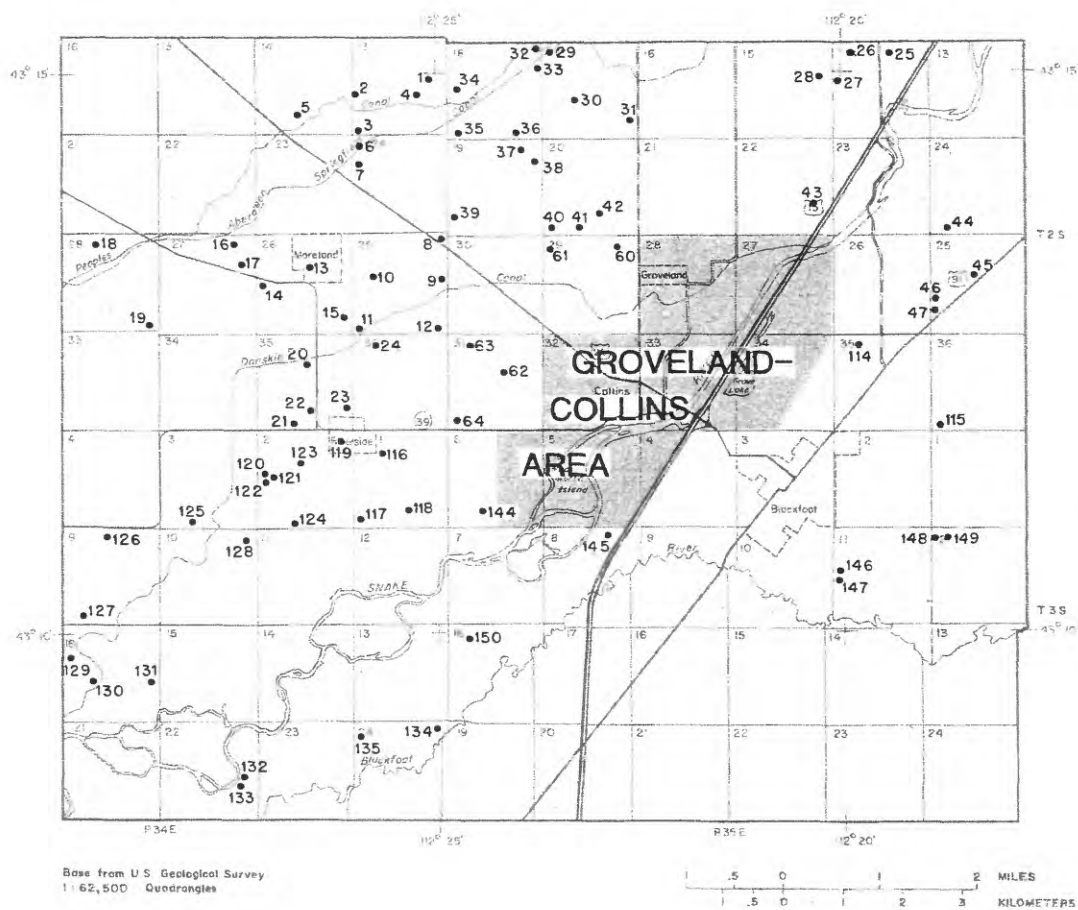


Figure 3.--Locations of wells selected for use during 1984-85 study.

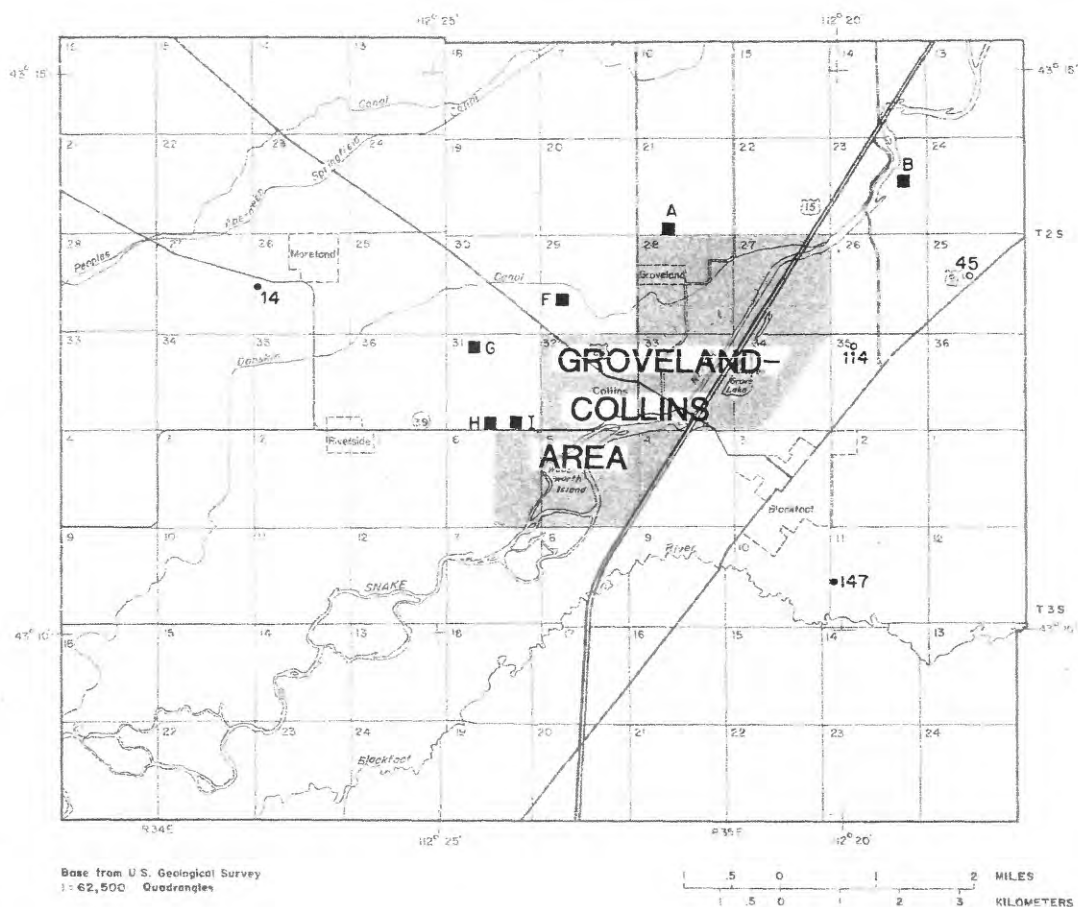
Ground-Water Quality Data, 1984 and 1985

During 1984 and 1985, water-quality samples were collected from 54 wells (fig. 4) by U.S. Geological Survey (Boise) personnel. Onsite and laboratory analyses of these samples are shown in table 3. Wells are listed sequentially by township, range, and section location. Identification of well locations is simplified by use of assigned well numbers.

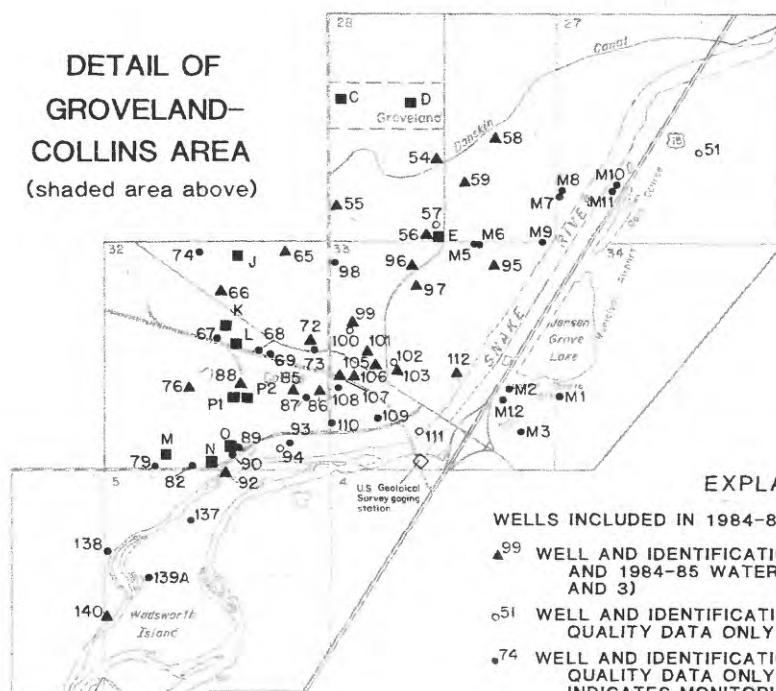
Because certain water-quality characteristics may change between time of sample collection and laboratory analysis, onsite determinations of the following characteristics were made: water temperature, pH, specific conductance, bicarbonate and carbonate concentrations (endpoint titration method), and dissolved-oxygen concentration (membrane electrode, onsite calibration method).

Methods used for collection and preservation of samples and onsite water-quality determinations are described in reports by U.S. Geological Survey (1977), Feltz and others (1983), and Feltz and Anthony (1984). Onsite equipment included Sybron/Barnstead¹ conductivity bridge, Sargent-Welch pH meter with Sensorex sealed pH probe, Yellow Springs Instrument oxygen meter and probe, Millipore 0.45-micrometer average pore-diameter cellulose nitrate membrane filter, and Flotronics 0.45-micrometer silver filter. Laboratory analyses were completed by the U.S. Geological Survey Central Laboratory (Denver). Data collected onsite are noted by an asterisk in table 3 column headings; calculated constituents are defined in table 3 headnotes.

¹Use of brand and trade names in this report is for identification purposes only and does not constitute endorsement by the U.S. Geological Survey.



**DETAIL OF
GROVELAND-
COLLINS AREA**
(shaded area above)



EXPLANATION

WELLS INCLUDED IN 1984-85 DATA COLLECTION (TABLE 1)

- ▲⁹⁹ WELL AND IDENTIFICATION NUMBER, BOTH PRE-1984 AND 1984-85 WATER-QUALITY DATA (TABLES 2 AND 3)
- ⁵¹ WELL AND IDENTIFICATION NUMBER, PRE-1984 WATER-QUALITY DATA ONLY (TABLE 2)
- ⁷⁴ WELL AND IDENTIFICATION NUMBER, 1984-85 WATER-QUALITY DATA ONLY; LETTER M PRECEDING NUMBER INDICATES MONITORING WELL INSTALLED IN 1985 (TABLE 3)

WELLS NOT INCLUDED IN 1984-85 DATA COLLECTION (TABLE 1)

- ^K WELL AND IDENTIFICATION LETTER, PRE-1984 WATER-QUALITY DATA ONLY (TABLE 2)

Figure 4.--Locations of wells with selected pre-1984 and 1984-85 water-quality data.

REFERENCES CITED

- Bingham County, contractor, 1981, Bingham County groundwater project: Blackfoot, Idaho, U.S. Environmental Protection Agency Grant, Water Quality Program, 414 p.
- Feltz, H. R., and Anthony, E. R., eds., 1984, 1985 Water quality laboratory services catalog: U.S. Geological Survey Open-File Report 84-171.
- Feltz, H. R., Anthony, E. R., and Sadler, P., eds., 1983, 1984 Water quality laboratory services catalog: U.S. Geological Survey Open-File Report 83-758.
- Forsgren-Perkins Engineering, 1982, Bingham County westside study for the communities of Collins, Groveland, Moreland, and Riverside: Rexburg, Idaho, a portion of U.S. Environmental Protection Agency Project no. C-16 0371-01, 120 p., 6 apps.
- Price, W. E., and Baker, C. H., 1974, Catalogue of aquifer names and geologic codes used by the Water Resources Division: U.S. Geological Survey, 306 p.
- U.S. Geological Survey, 1977, National handbook of recommended methods for water data acquisition: Reston, Va., Office of Water Data Coordination, Chap. 1-12.
- 1983, WATSTORE user's guide: Reston, Va., v. 3 (Water-Quality File), Chap. VI-A, 26 p.

Table 1.--Well and water-level data

Headnotes

MAJOR AQUIFER:

110SKRV - Quaternary Snake River Group }
110ALVM - Quaternary alluvium } (Price and Baker, 1974)
? - information based on drillers' logs for nearby wells

LITHOLOGY OF MAJOR WATER-YIELDING ZONE(S):

BSLT - basalt
CLAY - clay
CNDR - cinder
GRVL - gravel
SAND - sand
NA - information not available
? - information based on drillers' logs for nearby wells
BROWN }
GRAY } color descriptions
RED }

DEPTH OF WELL:

D - deepened after initial construction, most current depth
M - measured by U.S. Geological Survey
R - reported by well owner
NA - information not available

DEPTH OF CASING:

OP - open end
P - perforated interval(s)
R - reported by well owner
X - open hole
NA - information not available

WELL USE AND CONSTRUCTION DATE:

D - deepened after initial construction, most current depth
H - domestic
I - irrigation
N - industrial or commercial
O - observation
P - public
R - reported by well owner
U - unused
NA - information not available

ALTITUDE OF LAND SURFACE: Based on land level survey or
interpolated from topographic maps

DATE WATER LEVEL MEASURED: year-month-day

DEPTH BELOW LAND SURFACE (WATER LEVEL):

no symbol - static (no recent nearby pumping)

P - pumping

R - recently pumped

S - nearby pumping

T - nearby recently pumped

V - foreign substance, generally oil

ALTITUDE OF TOP OF BASALT:

NA - information not available

? - information based on drillers' logs for nearby wells

Table 1.--Well and water-level data

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE DATUM (FEET ABOVE SEA LEVEL)	DATE LEVEL MEASURED	DEPTH BELOW SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
1.	2S-34E-13ADC1	110SKRV	BSLT, CNDR	105	18X	H, 1976	4490.00	78-05-30 78-10-24 79-04-20 79-05-18 79-06-22 79-08-01 79-08-30 79-09-12 79-10-20 84-04-04 84-06-05 84-08-21 84-11-08	63.53P 67.05R 65.60 64.64 63.30 85.10 63.09 64.94 65.44 63.23 60.71 59.52 60.40	4426.47 4422.95 4424.40 4425.36 4426.70 4404.90 4426.91 4425.06 4424.56 4426.77 4429.29 4430.48 4429.60	4472.00
2.	2S-34E-13CBB1	110SKRV	BSLT	69	25X	H, 1976	4470.00	78-05-30 78-06-30 78-09-06 78-10-24 79-03-13 79-04-17 79-05-18 79-06-25 79-07-31 79-08-30 80-02-12 84-02-02 84-04-04 84-06-05 84-08-21 84-11-08	43.30 43.53 42.80 43.02 45.39R 45.43R 44.66 43.19 43.50 43.07 47.55 45.00 43.37 43.13 41.69 39.58 40.47	4426.70 4426.47 4427.20 4426.98 4421.64 4424.57 4425.34 4426.81 4426.50 4426.93 4422.45 4425.00 4426.63 4426.87 4428.31 4430.41 4429.53	4445.00
3.	2S-34E-13CCC1	110SKRV	RED CNDR	80	56X	H, 1976	4470.00	78-05-10 78-07-31 78-09-06 78-10-24 79-03-13 79-04-17 79-05-17 79-06-22 79-07-31 79-08-30 79-11-07 84-02-02 84-04-04 84-06-05 84-08-21 84-11-08	43.77 43.24 42.88 43.17 45.58R 45.70R 44.80 38.36 43.77 44.15 40.99 43.72 43.46 39.68 40.64	4426.23 4426.76 4427.12 4426.83 4424.42 4424.30 4425.20 4431.64 4426.23 4425.85 4429.01 4426.28 4426.54 4429.12 4430.32 4429.36	4420.00

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
4.	2S-34E-13DBA1	110SKRV	BSLT,CNDR	90	39X	H,1977	4479.00	78-05-30 78-07-20 78-09-06 78-10-24 78-03-13 78-04-20 79-05-18 79-06-22 79-07-31 79-08-30 79-10-26 80-01-30 84-02-02 84-04-04 84-06-05 84-08-21 84-11-08	47.09R 41.25R 42.95R 48.07R 50.50R 50.76 49.48 48.35 48.73 48.14 48.62 38.79 48.55 48.33 45.81 44.60 45.57	4431.91 4437.75 4436.05 4430.93 4428.50 4428.24 4429.52 4430.65 4430.27 4430.86 4430.38 4440.21 4430.45 4430.67 4433.19 4434.40 4433.43	4440.00
5.	2S-34E-14CDA2	110SKRV?	BSLT?	NA	NA	I,NA	4473.00	78-06-01 78-10-27 79-03-13 79-04-20 79-05-17 79-06-22 79-07-31 79-08-30 79-10-25 80-02-04 84-02-02 84-04-04 84-06-05 84-08-21 84-11-08	41.60P 38.33P 43.85R 29.78 20.83 20.18 28.02P 29.18 443.82 24.00 33.97 39.95 42.25 37.45 35.91 38.54	4431.40 4434.67 4429.15 4443.22 4452.17 4452.82 4444.98 4443.82 4449.00 4439.03 4433.05 4430.75 4435.55 4437.09 4434.46	4455.00
6.	2S-34E-24BBB1	110SKRV	BSLT,CNDR	78	20X	H,1976	4470.00	78-05-25 84-02-02 84-04-04 84-06-05 84-08-21 84-11-08	39.38 39.58 39.27 36.58 35.37 36.46	4430.62 4430.42 4430.73 4433.42 4434.63 4433.54	4450.00
7.	2S-34E-24BCB1	110SKRV	BSLT,CNDR	79	31X	H,1977	4470.00	78-03-28 78-06-28 78-09-01 78-10-27 84-04-04 84-06-05 84-08-21 84-11-08	45.25R 41.10R 35.18 42.04R 41.58R 39.80 36.68 39.61R	4424.75 4428.90 4434.82 4427.96 4428.42 4430.20 4433.32 4430.39	4439.00

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
8.	2S-34E-25AAA1	110SKRV	CNDR,BSLT	97	40X	H,1973	4476.00	78-05-25 78-07-31 78-09-01 78-10-25 79-03-13 79-04-17 79-05-18 79-06-22 79-07-31 79-08-30 80-01-30 84-02-02 84-04-04 84-06-05 84-08-21 84-11-08	47.36 46.48 46.49 47.99R 49.54R 49.64R 48.61 46.75 47.20 46.58 41.60 47.42 49.13 45.10 44.00 45.42	4428.64 4429.52 4429.51 4428.01 4426.46 4426.36 4427.39 4429.25 4428.80 4429.42 4434.40 4428.58 4426.87 4430.90 4432.00 4430.58	4436.00
9.	2S-34E-25ADD1	110SKRV	BSLT	80	52X	H,1972	4481.70	78-04-24 78-10-25 79-03-14 79-04-18 79-05-17 79-06-27 79-08-06 79-09-07 79-10-22 80-04-30 84-02-02 84-04-04 84-06-05 84-08-21 84-11-08	47.66R 45.95R 47.80 48.02 46.53 45.28 4436.42 45.37 4436.55 46.50 48.42 46.07 45.84 42.64 41.52 43.53	4434.04 4435.75 4433.90 4433.68 4435.17 4436.42 4436.33 4436.55 4435.20 4433.28 4435.63 4435.86 4439.06 4440.18 4438.17	4436.70
10.	2S-34E-25BCD1	110SKRV	BSLT,CNDR	55	48X	H,1974	4471.50	78-04-28 78-07-27 78-10-27 79-03-14 79-04-18 79-05-17 79-06-26 79-08-06 79-09-05 79-10-26 80-02-08 80-04-23 84-02-02 84-04-04 84-06-05 84-08-21 84-11-08	40.28 32.48 39.47R 40.15 40.84 39.24 37.56 37.82 28.27 35.74 40.40 38.25 38.46 38.08 35.05 33.90 33.07	4431.22 4439.02 4432.03 4431.35 4430.66 4432.26 4433.94 4433.68 4443.23 4435.76 4431.10 4433.25 4433.04 4433.42 4436.45 4437.60 4438.43	4423.50

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
11.	25-34E-25CCCL1	110SKRV	BSLT,CNDR	78	60X	H,1976	4466.20	78-04-20 78-07-19 78-10-25 79-03-14 79-04-18 79-05-17 79-06-26 79-08-06 79-09-10 79-10-26 80-02-13 80-04-23 84-02-02 84-04-04 84-06-05 84-08-21 84-11-08	33.49 34.52 32.32R 37.89 38.10 37.04 37.38 35.69 37.36 35.80 36.90 39.00 36.15 35.92 32.70 31.99 33.24	4432.71 4431.68 4433.88 4428.31 4428.10 4429.16 4428.82 4430.51 4428.84 4430.40 4429.30 4427.20 4430.50 4430.28 4433.50 4434.21 4432.96	4402.20
12.	25-34E-25DDD1	110SKRV	BSLT	72	62X	H,1975	4466.00	78-06-09 78-08-28 78-08-28 78-10-25 79-03-14 79-04-18 79-05-17 79-06-26 79-08-06 79-09-05 79-10-22 80-01-30 80-03-18 80-04-23 84-02-02 84-04-04 84-06-05 84-08-21 84-11-08	40.60 40.35 37.34 41.68P 43.85 44.05 42.99 40.58 40.76 40.51 41.29 36.20 33.99 32.79 42.22 42.04 37.96 39.58P 39.02	4425.40 4425.65 4428.66 4424.32 4422.15 4421.95 4423.01 4425.42 4425.24 4425.49 4424.71 4429.80 4432.01 4433.21 4423.78 4423.96 4428.04 4426.42 4426.98	4404.00
13.	25-34E-26ACB1	110SKRV	BSLT	115	71X	H,1976	4458.00	78-04-10 78-07-19 78-10-27 79-03-15 79-04-18 79-05-16 79-06-27 79-08-02 79-09-05 79-10-26 84-06-05 84-08-21 84-11-08	33.70 30.80 31.22R 33.37 33.60 32.50 30.92 31.18 32.04 31.38 28.38 27.12 28.60	4424.30 4427.20 4426.78 4424.63 4424.40 4425.50 4427.08 4426.82 4425.96 4426.62 4429.62 4430.88 4429.40	4388.00

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT ABOVE SEA LEVEL)
14.	2S-34E-26BCC1	110SKRV	RED,BROWN CNDR	46	31.5X	H,1976	4453.00	84-03-01 84-04-05 84-05-16 84-07-18 84-10-03 84-11-08	28.11 27.28 27.00 20.16 20.01 24.21	4424.88 4425.72 4426.00 4432.84 4432.99 4428.79	4398.50
15.	2S-34E-26DDA1	110SKRV	BSLT,CNDR	80	75X	H,1972	4463.50	78-04-24 78-07-26 78-10-27 79-03-14 79-05-16 79-06-26 79-08-06 79-09-07 79-10-26 80-02-13 80-04-23 84-02-02 84-04-04 84-06-05 84-08-21 84-11-08	39.02 36.47 36.56R 38.79P 37.93 36.29 36.37 39.65 36.82 33.10 31.69 36.94 36.65 33.69 32.64 33.94	4424.48 4427.03 4426.94 4424.71 4425.57 4427.21 4427.13 4423.85 4426.68 4430.40 4431.81 4426.56 4426.85 4429.81 4430.86 4429.56	4398.50
16.	2S-34E-27AAB1	110SKRV	GRAY CNDR	90	20X	H,1974	4456.00	78-04-21 78-07-19 78-10-27 79-03-14 79-04-20 79-05-17 79-06-26 79-08-06 79-09-06 79-10-26 80-02-13 80-04-23 84-02-02 84-04-04 84-06-05 84-08-21 84-11-08	40.95 24.87 32.70R 40.67 41.18 34.74 24.65 25.05 26.64 32.15 44.52 32.51 38.05 38.49 30.29 24.36 28.05	4415.05 4431.13 4423.30 4415.33 4414.82 4421.26 4431.35 4430.95 4429.36 4423.85 4411.48 4423.49 4417.95 4417.51 4425.71 4431.64 4427.95	4439.00
17.	2S-34E-27ADC1	110SKRV	BSLT	96	70X	H,1979	4455.00	78-06-09 79-04-18 79-05-17 79-06-26 79-08-06 79-09-07 79-10-26 80-02-12 80-04-30 84-04-04	26.26 31.83 29.08 27.15 25.42 25.58 27.14 32.18 35.91 29.32	4428.74 4423.17 4425.92 4427.85 4429.58 4429.42 4427.86 4422.82 4419.09 4425.68	4385.00

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
17.	2S-34E-27ADC1 (CONTINUED)										
						84-06-06		84-06-06	24.67	4430.33	
						84-08-21		84-08-21	21.70	4433.30	
						84-11-08		84-11-08	26.21	4428.79	
18.	2S-34E-28BAB1	110SKRV	BSLT,CNDR	125	19X	I,1976	4453.90	78-08-01	48.24	4405.66	4441.90
						78-09-06		78-09-06	38.54	4415.36	
						78-10-24		78-10-24	39.59	4414.31	
						79-03-15		79-03-15	42.39	4411.51	
						79-04-20		79-04-20	42.69	4411.21	
						79-05-16		79-05-16	41.04	4412.86	
						79-06-27		79-06-27	41.89P	4412.01	
						79-08-02		79-08-02	41.80P	4412.10	
						79-09-07		79-09-07	39.60	4414.30	
						79-10-26		79-10-26	40.10	4413.80	
						80-02-01		80-02-01	34.10	4419.80	
						80-04-23		80-04-23	34.14	4419.76	
						84-04-04		84-04-04	39.28	4414.62	
						84-06-05		84-06-05	39.53P	4414.37	
						84-08-21		84-08-21	35.47	4418.43	
						84-11-08		84-11-08	37.63	4416.27	
19.	2S-34E-28DDD1	110SKRV	BSLT,CNDR	112	78X	H,1974	4450.00	78-04-12	22.99	4427.01	4436.00
						78-10-26		78-10-26	23.54R	4426.46	
						79-04-20		79-04-20	26.86	4423.14	
						79-05-16		79-05-16	22.87	4427.13	
						79-06-27		79-06-27	22.44	4427.56	
						79-08-02		79-08-02	19.65	4430.35	
						79-09-06		79-09-06	22.96	4427.04	
						84-04-04		84-04-04	24.38	4425.62	
						84-06-06		84-06-06	20.25	4429.75	
						84-08-21		84-08-21	19.61	4430.39	
						84-11-08		84-11-08	21.55	4428.45	
20.	2S-34E-35ACB1	110SKRV	BSLT,CNDR	87	81X	H,1977	4457.70	78-04-20	33.79	4423.91	4381.70
						78-07-18		78-07-18	31.60	4425.40	
						78-10-25		78-10-25	31.66R	4426.04	
						79-03-14		79-03-14	33.64	4424.06	
						79-04-18		79-04-18	33.83	4423.87	
						79-05-17		79-05-17	32.95	4424.75	
						79-06-26		79-06-26	31.73	4425.97	
						79-08-02		79-08-02	32.17	4425.53	
						79-09-06		79-09-06	31.49	4426.21	
						79-10-30		79-10-30	32.28	4425.42	
						80-02-01		80-02-01	34.04	4422.96	
						84-02-01		84-02-01	31.98	4425.02	
						84-04-04		84-04-04	31.63	4425.37	
						84-06-06		84-06-06	28.58	4428.42	
						84-08-21		84-08-21	28.05	4428.95	
						84-11-08		84-11-08	29.05	4427.95	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
21.	2S-34E-35CDD1	110ALVM	GRVL	59	58X	H,1971	4458.10	78-05-03 78-07-17 78-10-26 79-04-20 79-05-17 79-06-26 79-08-02 79-09-06 79-11-02 80-01-30 84-02-01 84-04-04 84-06-06 84-08-21 84-11-08	30.41 28.17 28.30R 30.61 29.49 28.31 28.58 28.21 28.60 31.11 28.57 28.49 25.23 24.67 25.99	4427.69 4429.93 4429.80 4427.49 4428.61 4429.79 4429.52 4429.89 4429.50 4426.99 4429.53 4429.61 4432.87 4433.43 4432.11	NO BASALT
22.	2S-34E-35DCB1	110SKRV	BSLT,CNDR	103	46X	H,1974	4454.50	78-03-21 78-10-25 79-03-14 79-04-18 79-05-17 79-06-26 79-08-02 79-09-07 79-10-30 80-02-14 84-02-01 84-04-04 84-06-06 84-08-21 84-11-08	31.33P 28.31R 31.40 31.70 29.52 26.19 28.94 27.94 29.50 32.70 29.65 29.46 24.49 24.25 26.87	4423.17 4426.19 4423.10 4422.80 4424.98 4428.31 4425.56 4426.56 4425.00 4421.80 4424.85 4425.04 4430.01 4430.24 4427.63	4414.50
23.	2S-34E-35DDA1	110SKRV	BSLT,CNDR	92	82X	H,1976	4456.00	78-04-25 78-07-17 78-10-27 78-04-18 79-05-16 79-06-27 79-08-02 79-09-12 79-11-05 80-02-14 84-02-01 84-04-04 84-06-06 84-08-21 84-11-08	32.14P 29.20 29.06R 32.17 30.84 29.30 24.62 35.40 28.04 32.77 30.23 30.09 26.35 25.72 27.43	4423.86 4426.80 4426.94 4423.83 4425.16 4426.70 4431.38 4420.60 4427.96 4423.23 4425.77 4425.91 4429.65 4430.28 4428.57	4454.00
24.	2S-34E-36BBA1	110ALVM	GRVL,SAND	69	690P	H,1972	4460.00	78-06-09 78-07-17 78-10-27	35.28P 46.94 35.96R	4424.72 4413.06 4424.04	NO BASALT

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
24.	2S-34E-36BB1	(CONTINUED)									
						79-03-14			38.25	4421.75	
						79-04-18			38.43	4421.57	
						79-05-17			37.18	4422.82	
						79-06-26			35.80	4424.20	
						79-08-06			36.00	4424.00	
						79-09-07			36.52	4423.48	
						79-10-26			36.23	4423.77	
						80-02-08			38.90	4421.10	
						84-02-02			36.50	4423.50	
						84-04-04			36.30	4423.70	
						84-06-05			32.67	4427.33	
						84-08-21			32.00	4428.00	
						84-11-08			33.52	4426.48	
25.	2S-35E-14ABB1	110SKRV	BSLT,CNDR	119	80X	H,1971	4518.00		71.53	4446.47	4441.00
						78-08-03			65.35	4452.65	
						78-09-06			67.48	4450.52	
						78-10-30			74.27	4443.73	
						79-05-03			70.42	4447.58	
						79-05-17			61.35	4456.65	
						79-06-26			72.00	4446.00	
						79-08-01			71.51	4446.49	
						79-08-29			66.28	4451.72	
						79-10-22			69.11	4448.89	
						80-02-16			72.15	4445.85	
						84-04-05			68.12	4449.88	
						84-06-05			64.64	4453.36	
						84-08-21			62.72	4455.28	
						84-11-09			64.50	4453.50	
26.	2S-35E-14BB1	110SKRV	BSLT,CNDR	113	81X	H,1977	4514.00		71.62P	4442.38	4434.00
						78-08-14			69.65	4444.05	
						78-09-14			70.13	4443.87	
						78-10-23			70.49	4443.51	
						79-04-23			73.30R	4440.70	
						79-05-17			59.54	4454.46	
						79-06-25			70.35	4443.65	
						79-08-01			70.40	4443.60	
						79-08-29			70.13	4443.87	
						79-10-22			71.45	4442.55	
						80-02-16			70.43	4443.57	
						84-04-05			71.30	4442.70	
						84-05-05			68.40	4445.60	
						84-08-21			67.52	4446.48	
						84-11-09			67.89	4446.11	
27.	2S-35E-14BCB1	110SKRV	BSLT,CNDR	98	19X	H,1972	4513.00		59.47P	4453.53	4497.00
						78-04-03			78.82	4436.39	
						78-08-02			76.61	4436.39	
						78-09-14			73.62	4439.39	
						78-10-23			79.97	4433.03	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE DATUM (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
27.	2S-35E-14BCB1	(CONTINUED)									
						79-04-23			78.82	4434.18	
						79-05-17			59.11	4453.89	
						79-07-03			77.87	4453.13	
						79-08-01			75.61	4437.39	
						79-08-27			77.57P	4435.43	
						80-02-16			74.88	4438.12	
						84-04-05			76.48	4436.52	
						84-08-21			72.16	4440.84	
						84-11-09			73.36	4439.64	
28.	2S-35E-15ADA1	110SKRV	BSLT,CNDR	88	21X	H,1971	4515.00		84.03T	4430.97	4491.00
						78-09-12			74.90	4440.10	
						78-10-30			82.91	4432.09	
						79-03-19			86.03	4428.97	
						79-05-03			78.90	4436.10	
						79-05-17			62.10	4452.90	
						79-06-26			75.80P	4439.20	
						79-08-01			74.90	4440.10	
						79-08-27			72.11	4442.89	
						79-09-12			75.24	4439.76	
						79-10-22			79.24	4435.76	
						80-02-16			85.28	4429.72	
						84-04-05			75.80	4439.20	
						84-06-05			73.06	4441.94	
						84-08-21			71.48	4443.52	
						84-11-09			72.67	4442.33	
29.	2S-35E-17BBB1	110SKRV	BSLT,CNDR	85	37X	H,1976	4489.00		54.70	4434.30	4452.00
						78-09-14			56.81	4432.19	
						78-10-23			60.33	4428.67	
						79-05-03			64.31	4424.69	
						79-06-22			54.46	4434.54	
						79-07-31			51.66	4437.34	
						79-08-31			54.18	4434.82	
						79-09-12			54.11	4434.89	
						79-10-01			54.29	4434.71	
						79-11-08			55.10	4433.90	
						80-02-04			57.17	4431.83	
						84-04-03			54.53	4434.57	
						84-06-05			51.76	4437.24	
						84-08-21			50.27	4438.43	
						84-11-09			51.67	4437.33	
30.	2S-35E-17CAB1	110SKRV	BSLT,CNDR	90	49X	H,1976	4490.00		60.65	4429.35	4441.00
						78-04-18			60.65	4429.35	
						78-07-20			58.11	4431.89	
						78-09-06			57.99	4432.01	
						78-10-24			58.45R	4431.55	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
30.	2S-35E-17CAB1	(CONTINUED)									
						79-03-13		79-03-13	61.25R	4428.75	
						79-04-17		79-04-17	61.30R	4428.70	
						79-05-18		79-05-18	60.14R	4429.86	
						79-06-25		79-06-25	53.36	4436.64	
						79-08-01		79-08-01	58.59	4431.41	
						79-08-30		79-08-30	58.30	4431.70	
						79-10-25		79-10-25	60.22	4429.78	
						84-04-03		84-04-03	59.18	4430.82	
						84-06-05		84-06-05	55.17	4434.29	
						84-08-21		84-08-21	54.49	4435.51	
						84-11-09		84-11-09	56.26	4433.74	
31.	2S-35E-17DDA1	110SKRV	BSLT,CNDR	93	38.7X	H,1974	4496.00	78-05-24	63.14	4432.86	4457.00
						78-07-20		78-07-20	60.37	4435.27	
						79-04-20		79-04-20	66.19	4429.81	
						79-05-22		79-05-22	63.00	4433.00	
						79-06-25		79-06-25	58.46	4437.54	
						79-08-01		79-08-01	61.40	4434.60	
						79-08-29		79-08-29	61.34	4434.66	
						79-10-26		79-10-26	62.70	4433.30	
						80-01-31		80-01-31	75.10	4420.90	
						84-04-03		84-04-03	64.07	4431.93	
						84-06-05		84-06-05	59.15	4436.85	
						84-08-21		84-08-21	57.98	4438.02	
						84-11-09		84-11-09	60.59	4435.41	
32.	2S-35E-18AAA1	110SKRV	BSLT	58	37X	U,1981	4485.90	84-01-30	54.87	4431.13	4449.00
						84-04-13		84-04-13	54.80	4431.20	
						84-05-15		84-05-15	54.11	4431.89	
						84-08-22		84-08-22	50.95	4435.05	
						84-11-09		84-11-09	52.02	4433.98	
33.	2S-35E-18ADAD1	110SKRV	BSLT	30	29X	U,1972	4486.51	84-01-30	DRY	-----	4458.00
						84-04-13		84-04-13	DRY	-----	
						84-05-15		84-05-15	18.83	4468.17	
						84-08-22		84-08-22	20.97	4466.03	
						84-11-09		84-11-09	DRY	-----	
34.	2S-35E-18CBB1	110SKRV	BSLT	80	33X	I,1981	4481.06	84-01-30	52.24	4428.82	4448.06
						84-04-13		84-04-13	52.19	4428.87	
						84-05-15		84-05-15	51.30	4429.76	
						84-08-22		84-08-22	48.26	4432.80	
						84-11-09		84-11-09	49.53	4431.53	
35.	2S-35E-18CCCC1	110SKRV	BSLT	43	34P	U,1981	4477.71	84-01-30	DRY	-----	4436.71
						84-04-13		84-04-13	DRY	-----	
						84-05-15		84-05-15	DRY	-----	
						84-08-22		84-08-22	27.48	4450.23	
						84-11-09		84-11-09	34.02	4443.69	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
36.	2S-35E-18DCDD1	110SKRV	BSLT	59	24X	U,1981	4485.62	84-01-30 84-04-13 84-05-15 84-08-22 84-11-09	56.58 56.73 55.65 51.70 53.67	4429.04 4428.89 4429.97 4433.92 4431.95	4461.62
37.	2S-35E-19AAB1	110SKRV	BSLT,CNDR	80	24X	H,1974	4485.00	78-04-12 78-07-20 78-08-06 78-10-24 78-03-13 79-04-17 79-05-18 79-06-25 79-07-31 79-08-30 79-11-20 80-02-05 84-02-02 84-08-21 84-11-09	59.90 55.19 55.04 55.49R 58.57R 58.75R 58.08 55.43 55.76 55.81 55.97 58.04 56.48 51.56 53.65	4425.10 4429.81 4429.96 4429.51 4426.43 4426.25 4426.92 4429.57 4429.24 4429.03 4426.96 4428.52 4433.44 4431.35	4461.00
38.	2S-35E-19AAD1	110SKRV?	BSLT?	66	NA	H,1957	4487.00	80-03-14 80-08-05 84-02-02 84-04-03 84-04-16 84-06-05 84-08-21 84-11-09	61.82 57.76 59.62 59.49 59.25 55.59 54.19 56.56	4425.18 4429.24 4427.38 4427.51 4427.75 4431.41 4432.81 4430.44	NA
39.	2S-35E-19CCB1	110SKRV	BSLT,CNDR	100	19X	I,1974	4474.00	78-03-20 78-07-17 78-07-31 79-10-24 79-03-13 79-04-17 79-05-22 79-06-22 79-08-30 79-10-26 80-04-14 84-02-02 84-04-03 84-06-05 84-08-21 84-11-09	49.51 48.01R 46.60 46.24 48.98 52.00 49.58R 46.08 45.93 46.88 48.90 47.15 47.02 49.05P 42.57 43.94	4424.49 4425.99 4427.40 4427.76 4425.02 4422.00 4424.42 4427.92 4428.07 4427.12 4425.10 4426.85 4426.98 4424.95 4431.43 4430.06	4456.00
40.	2S-35E-20CCC1	110SKRV	BSLT,CNDR	85	36X	H,1974	4483.00	78-07-20 78-09-01 78-10-24	51.16 51.57R 52.38R	4441.84 4431.43 4430.62	4448.00

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL, (FEET)	DEPTH OF CASING, TOTAL, (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (FEET LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
40.	2S-35E-20CCC1	(CONTINUED)									
						79-03-13		79-03-13	55.44	4427.56	
						79-04-17		79-04-17	55.60R	4427.40	
						79-05-18		79-05-18	54.13	4428.87	
						79-06-25		79-06-25	51.89	4431.11	
						79-07-31		79-07-31	52.24	4430.76	
						79-08-29		79-08-29	51.81	4431.19	
						79-10-25		79-10-25	52.62	4430.38	
						84-04-03		84-04-03	53.55	4429.45	
						84-06-05		84-06-05	49.59	4433.41	
						84-08-21		84-08-21	48.20	4434.80	
						84-11-09		84-11-09	50.56	4432.44	
41.	2S-35E-20CDC1	110SKRV	BSLT,CNDR	96	34X	H,1977	4480.00	78-03-12	55.30R	4424.70	4445.00
						78-07-20		78-07-20	50.76R	4429.24	
						78-09-01		78-09-01	50.81R	4429.19	
						78-10-24		78-10-24	52.15	4427.85	
						79-04-17		79-04-17	54.97	4425.03	
						79-05-18		79-05-18	53.45	4426.55	
						79-06-25		79-06-25	51.03	4428.97	
						79-08-01		79-08-01	51.41	4428.59	
						79-08-29		79-08-29	51.07	4428.93	
						79-10-25		79-10-25	54.90	4425.10	
						80-02-12		80-02-12	55.50	4424.50	
						84-04-03		84-04-03	52.96	4427.04	
						84-06-05		84-06-05	48.87	4431.13	
						84-08-21		84-08-21	47.46	4432.54	
						84-11-09		84-11-09	49.92	4430.08	
42.	2S-35E-20DCB1	110SKRV	CNDR,BSLT	105	5X	I,1975	4490.00	78-03-21	66.85	4423.15	4485.00
						78-07-20		78-07-20	64.54R	4425.46	
						78-09-01		78-09-01	57.08R	4432.92	
						78-10-24		78-10-24	62.85R	4427.15	
						79-05-18		79-05-18	64.64	4425.36	
						79-07-03		79-07-03	62.37	4427.63	
						79-08-01		79-08-01	63.36R	4426.64	
						79-08-29		79-08-29	61.88	4428.12	
						79-10-25		79-10-25	52.92	4437.08	
						84-04-03		84-04-03	53.76	4436.24	
						84-06-05		84-06-05	52.42PV	4437.58	
						84-08-21		84-08-21	48.09V	4441.91	
						84-11-09		84-11-09	50.68V	4439.32	
43.	2S-35E-22DAC1	110SKRV	BSLT	120	24X	H,1967	4525.00	80-03-13	88.39	4436.61	4502.00
						80-08-09		80-08-09	78.54	4446.46	
						84-04-05		84-04-05	84.20	4440.80	
						84-06-05		84-06-05	77.07	4447.93	
						84-08-21		84-08-21	75.97	4449.03	
						84-11-07		84-11-07	79.74	4445.26	
						85-03-01		85-03-01	82.79	4442.21	
						85-04-16		85-04-16	83.03	4441.97	
						85-05-15		85-05-15	80.93	4444.07	
						85-07-18		85-07-18	76.36	4448.64	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE DATUM (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
44.	2S-35E-24CCD1	110ALVM	GRVL	80	79X	H,1974	4514.00	78-07-06 78-10-30 79-03-19 79-05-19 79-06-02 79-07-05 79-08-02 79-08-30 79-11-02 80-02-20 84-04-05 84-06-07 84-08-22 84-11-08	19.00 22.09P 43.56 35.54 29.75 19.90 17.87 17.10 22.22 37.72 32.94 23.98 16.80 22.99	4495.00 4491.91 4470.44 4478.46 4484.25 4494.10 4496.13 4496.90 4491.78 4476.28 4481.06 4490.02 4497.20 4491.01	NO BASALT
45.	2S-35E-25BDD1	110ALVM	GRVL	80	800P	H,1975	4515.00	78-05-22 78-07-06 78-08-03 78-10-06 78-10-31 79-03-19 79-05-19 79-06-27 79-08-02 79-08-27 79-10-22 84-04-05 84-06-07 84-08-22 84-11-08	36.80 31.66 18.83 38.58P 38.71 46.10 21.80 20.37 19.22 17.80 40.70 37.04 27.32 19.54 26.39	4478.20 4483.34 4496.17 4476.42 4476.29 4468.90 4493.20 4494.63 4495.78 4497.20 4474.30 4477.96 4487.68 4495.46 4488.61	NO BASALT
46.	2S-35E-25CBC1	110SKRV	BSLT,CNDR	75	55X	H,1974	4513.50	78-04-28 78-07-06 78-08-31 78-09-07 78-10-30 79-03-19 79-04-29 79-05-18 79-06-27 79-08-03 79-10-22 84-04-05 84-06-07 84-08-22 84-11-08	51.04 30.26 36.62 26.46 29.54P 45.89 51.15 27.70 26.52 24.46 29.71 49.39 34.39 29.91 32.55	4462.46 4483.24 4476.88 4487.04 4483.96 4467.61 4462.35 4485.80 4486.98 4489.04 4483.79 4464.11 4479.11 4483.59 4480.95	4458.50
47.	2S-35E-25CCB1	110SKRV	BSLT,CNDR	100	43X	H,1971	4514.80	78-04-20 78-07-03 78-08-31 78-09-07 78-10-23	56.51 30.59 27.56 27.19 34.10	4458.29 4484.21 4487.24 4487.61 4480.70	4472.80

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE DATUM (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
47.	2S-35E-25CCB1	(CONTINUED)									
						79-03-19			61.20	4453.60	
						79-05-19			38.60	4476.20	
						79-06-27			28.48	4486.32	
						79-08-02			15.25	4499.55	
						79-08-30			23.44	4491.36	
						79-10-22			31.71	4483.09	
						80-02-19			54.47	4460.33	
						84-04-05			50.49	4464.31	
						84-06-07			36.56	4478.24	
						84-08-22			26.53	4488.27	
						84-11-08			34.45	4480.35	
48.	2S-35E-27ACD1	110SKRV?	BSLT?	120R	NA	I, NA	4489.62	84-07-16	27.98	4461.64	NA
						84-08-22			29.59	4460.03	
						84-10-04			31.73	4457.89	
						85-04-03			47.15	4442.47	
						85-04-15			43.27	4446.35	
						85-05-15			38.17	4451.45	
						85-06-11			31.32	4458.30	
						85-06-12			31.32	4458.30	
						85-07-17			30.05	4459.57	
						85-08-06			29.88	4459.74	
						85-09-05			29.73	4459.89	
49.	2S-35E-27ACD1	110SKRV	BSLT	112	NA	P, 1973D	4489.93	84-02-03	42.82	4447.11	4463?
						84-04-05			42.47	4447.46	
						84-06-07			27.42	4462.51	
						84-08-22			24.59	4465.34	
						84-10-04			26.40	4463.53	
						84-11-07			32.05	4457.88	
						85-01-16			41.77	4448.16	
						85-02-28			41.00	4448.93	
						85-04-03			42.66	4447.27	
						85-04-15			41.39	4448.54	
						85-05-15			35.86	4454.07	
						85-06-11			28.41	4461.52	
						85-06-12			28.18	4461.75	
						85-07-17			25.64	4464.29	
						85-08-06			24.37	4465.56	
						85-09-05			23.20	4466.73	
M10.	2S-35E-27CCA1	110SKRV	BSLT	39	36X	O, 1985	4485.55	85-07-24	13.20	4472.35	4449.55
						85-08-06			12.60	4472.95	
						85-09-05			12.06	4473.49	
M11.	2S-35E-27CCA2	110ALVM	GRVL	30	300P	O, 1985	4485.60	85-07-24	11.70	4473.90	NO BASALT
						85-08-06			11.18	4474.42	
						85-09-05			10.75	4474.85	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE DATUM (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
M7.	2S-35E-27CCBB1	110ALVM	GRVL	30	29X	O, 1985	4485.78	85-04-18 85-04-26 85-05-16 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	25.93 27.21 21.40 15.58 15.74 16.46 16.24 15.88 15.46 15.28	4459.85 4458.57 4464.38 4470.20 4470.04 4469.32 4469.54 4469.90 4470.32 4470.50	NO BASALT
M8.	2S-35E-27CCBB2	110SKRV	BSLT	43	41X	O, 1985	4485.69	85-04-18 85-04-26 85-05-16 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	25.93 27.12 21.59 15.44 15.62 16.35 16.06 15.68 15.27 15.07	4459.76 4458.57 4464.10 4470.25 4470.07 4469.34 4469.63 4470.01 4470.42 4470.62	4445.69
50.	2S-35E-27CDAC1	110SKRV?	BSLT?	72.67M	NA	U, NA	4484.30	84-10-09 84-11-07 85-01-16 85-04-03 85-04-15 85-05-15 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	12.80 16.50 27.86 29.57 28.42 24.52 15.60 15.45 15.20 12.14 11.12 10.39 9.94	4471.50 4467.80 4456.44 4454.73 4455.88 4459.78 4468.70 4468.85 4469.10 4472.16 4473.18 4473.91 4474.36	NA
51.	2S-35E-27DDB1	110SKRV	BSLT	80	47X	H, 1970	4489.04	78-05-13 78-08-31 78-09-07 78-10-23 79-03-09 79-04-24 79-05-19 79-06-27 79-07-31 79-08-29 79-10-06 84-04-05 84-06-07 84-08-22 84-10-04 84-11-08	32.00 21.14 21.30 25.60 30.79 37.89 28.75 28.40 17.96 23.19 24.70 36.48 23.09 17.26 18.89 23.80	4457.04 4467.90 4467.74 4463.44 4458.25 4451.15 4460.29 4460.64 4471.08 4465.85 4464.34 4452.56 4465.95 4471.78 4470.15 4465.24	4446.00

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
51.	2S-35E-27DBD1	(CONTINUED)									
						85-01-17		85-01-17	34.36	4454.68	
						85-04-03		85-04-03	36.17	4452.87	
						85-04-15		85-04-15	35.32	4453.72	
						85-05-15		85-05-15	31.39	4457.65	
						85-06-11		85-06-11	23.01R	4466.03	
						85-06-12		85-06-12	22.61	4466.43	
						85-07-17		85-07-17	18.76	4470.28	
						85-08-06		85-08-06	17.02R	4472.02	
						85-09-05		85-09-05	16.42R	4472.62	
52.	2S-35E-27DBD1	110SKRV	BSLT,CNDR	78	34X	H,1974	4487.44	78-09-13	16.80	4470.64	4453.44
						78-10-23		78-10-23	23.23	4464.21	
						78-12-12		78-12-12	34.09	4453.35	
						79-03-17		79-03-17	27.25	4460.19	
						79-04-24		79-04-24	35.33	4452.11	
						79-05-19		79-05-19	30.84	4456.60	
						79-06-27		79-06-27	17.75	4469.69	
						79-07-31		79-07-31	15.21	4472.23	
						79-08-29		79-08-29	16.95	4470.49	
						79-10-16		79-10-16	23.27	4464.17	
						79-11-02		79-11-02	24.75	4462.69	
						84-02-03		84-02-03	32.09	4455.35	
						84-04-05		84-04-05	33.90	4453.54	
						84-06-07		84-06-07	20.64	4466.80	
						84-08-22		84-08-22	13.83	4473.61	
						84-10-04		84-10-04	15.35	4472.09	
						84-11-08		84-11-08	20.15	4467.29	
						85-01-16		85-01-16	31.27	4456.17	
						85-02-28		85-02-28	30.99	4456.45	
						85-04-03		85-04-03	33.41	4454.03	
						85-04-15		85-04-15	32.75	4454.69	
						85-05-15		85-05-15	29.06	4458.38	
						85-06-11		85-06-11	20.00R	4467.44	
						85-06-12		85-06-12	19.57R	4467.87	
						85-07-17		85-07-17	15.06	4472.38	
						85-08-06		85-08-06	13.04R	4474.40	
						85-09-05		85-09-05	12.65	4474.79	
53.	2S-35E-28BCD1	110SKRV	BSLT,CNDR	81	37X	P,1974	4490.00	84-10-02	47.86	4442.14	4457.00
						84-11-07		84-11-07	51.84	4438.16	
						85-01-17		85-01-17	56.37	4433.63	
						85-03-01		85-03-01	55.11	4434.89	
						85-04-03		85-04-03	56.72	4433.28	
						85-04-16		85-04-16	55.85	4434.15	
						85-05-15		85-05-15	52.24	4437.76	
						85-06-12		85-06-12	47.68R	4442.32	
						85-07-18		85-07-18	46.39	4443.61	
54.	2S-35E-28CAD1	110SKRV	BSLT	80	41X	H,NA	4487.55	84-01-27	50.08	4437.47	4447.55
						84-03-08		84-03-08	52.15	4435.40	
						84-04-04		84-04-04	50.07	4437.48	
						84-05-15		84-05-15	46.98	4440.57	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
54.	2S-35E-28CAAD1	(CONTINUED)									
						84-07-17			34.59	4452.96	
						84-10-02			38.26	4449.29	
						84-11-07			43.65	4443.90	
						85-01-17			49.98	4437.57	
						85-03-01			48.19	4439.36	
						85-04-03			50.36	4437.19	
						85-04-16			49.09	4438.46	
						85-05-15			43.74	4443.81	
						85-06-12			38.01	4449.54	
						85-07-18			36.04	4451.51	
						85-09-05			35.89	4451.66	
55.	2S-35E-28CCBB1	110SKRV?	BSLT?	84.80M	NA	H,NA	4484.00		46.09	4437.91	NA
						84-04-04			42.48	4441.52	
						84-05-16			31.23	4452.77	
						84-07-17			34.70	4449.30	
						84-10-02			39.91	4444.09	
						84-11-07					
56.	2S-35E-28CDD2	110SKRV	BSLT,CNDR	93	35X	P,1978	4482.25		43.05	4439.20	4451.25
						84-01-27			45.60	4436.65	
						84-03-07			42.92	4439.33	
						84-04-04			39.59	4442.66	
						84-05-15			26.40	4455.85	
						84-07-16			30.10	4452.15	
						84-10-02			35.82	4446.43	
						84-11-07			42.48	4439.77	
						85-01-17			36.97	4445.28	
						85-03-01			42.15	4440.10	
						85-04-03			41.17	4441.08	
						85-04-16			37.63	4444.62	
						85-05-15			29.19	4453.06	
						85-06-12			28.66	4453.59	
						85-06-14			28.80	4453.45	
						85-07-17			27.40	4454.85	
						85-07-24			28.57	4453.68	
						85-08-06			28.07	4454.18	
						85-09-05					
57.	2S-35E-28CDD3	110SKRV?	BSLT?	85M	NA	H,NA	4485.34		45.54	4439.80	NA
						84-01-27			48.25	4437.09	
						84-03-08			45.47	4439.87	
						84-04-04			41.15	4444.19	
						84-05-15			29.22	4456.12	
						84-07-17			32.57	4452.77	
						84-10-02			38.27	4447.07	
						84-11-07			45.06	4440.28	
						85-01-17			39.62	4445.72	
						85-03-01			44.69	4440.65	
						85-04-03			43.73	4441.61	
						85-04-16			38.19	4447.15	
						85-05-15			31.87	4453.47	
						85-06-12			31.51	4453.83	
						85-07-18			31.18R	4454.16	
						85-08-06			30.71	4454.63	
						85-09-05					

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT ABOVE SEA LEVEL)
58.	2S-35E-28DBRA1	110SKRV?	BSLT?	90R	NA	H,NA	4487.59	84-03-08 84-04-04 84-05-15 84-07-17 84-10-02 84-11-07 85-01-17 85-03-01 85-04-03 85-04-16 85-05-15 85-06-12 85-07-18 85-08-06 85-09-05	40.55 50.12 46.94 34.52 38.05 43.43 49.81 48.19 50.22 48.90 43.78 37.99 36.01 35.68 35.72P	4447.04 4437.47 4440.65 4453.07 4449.54 4444.16 4437.78 4439.40 4437.37 4438.69 4443.81 4449.60 4451.58 4451.91 4451.87	NA
59.	2S-35E-28DBCD1	110SKRV	BSLT,CNDR	85	41X	H,1973	4484.74	84-05-23 84-07-17 84-10-02 84-11-07 85-01-17 85-03-01 85-04-03 85-04-16 85-05-15 85-06-12 85-07-18 85-08-06 85-09-05	40.27 31.60 35.24 40.40 47.10 45.29 47.48 46.20 41.02 35.31 33.10 32.95 32.94	4444.47 4453.14 4449.50 4444.34 4437.64 4439.45 4437.26 4438.54 4443.72 4449.43 4451.64 4451.79 4451.80	4443.14
M5.	2S-35E-28DBCD1	110SKRV	BSLT	60	21X	O,1985	4481.11	85-04-18 85-04-26 85-05-16 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	27.80 29.09 21.45 17.15 16.90 16.91 16.09 16.18 15.68 15.75	4453.31 4452.02 4459.66 4463.96 4464.21 4464.20 4465.02 4464.93 4465.43 4465.36	4458.11
M6.	2S-35E-28DBCD2	110ALVM	GRVL	26	21X	O,1985	4481.39	85-04-18 85-04-26 85-05-16 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	DRY DRY 16.98 14.69 14.55 14.68 14.94 15.00 14.72 14.83	----- ----- 4464.41 4466.67 4466.81 4466.68 4466.45 4466.39 4466.67 4466.56	NO BASALT

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
M9.	2S-35E-28DDDD1	110ALVM	GRVL	29	28X	O,1985	4482.34	85-04-18 85-04-26 85-05-16 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	24.02 23.02 15.47 12.61 12.61 13.03 13.45 15.88 12.93 12.94	4458.32 4459.32 4466.87 4469.73 4469.73 4469.31 4468.89 4466.46 4469.41 4469.40	NO BASALT
60.	2S-35E-29AAB1	110SKRV	CNDR,BSLT	80	18X	H,1973	4487.00	78-04-12 78-07-20 78-09-01 79-05-05 79-05-18 79-06-25 79-08-01 84-04-06 84-06-05 84-08-21 84-10-04 84-11-08	65.26 65.84 56.81R 60.88 85.80 56.25 56.49 58.27 54.14 52.71 53.17 55.03	4421.74 4421.16 4430.19 4426.12 4428.20 4430.75 4430.51 4428.73 4432.86 4434.29 4433.83 4431.97	4473.00
61.	2S-35E-29BBB1	110SKRV	BSLT	75	24X	H,1976	4479.00	78-04-12 78-07-20 78-09-01 78-10-24 79-03-13 79-04-17 79-05-18 79-06-25 79-08-01 79-08-29 79-10-25 80-02-12 84-04-06 84-06-05 84-08-21 84-10-04 84-11-08	52.61R 48.36 48.34R 49.24R 52.20 52.35R 50.67 48.83 49.15 48.76 50.18 53.04 49.92R 46.34R 44.92 45.20R 46.70	4426.39 4430.64 4430.66 4429.76 4426.80 4426.65 4428.33 4430.17 4429.85 4430.24 4428.82 4425.96 4429.08 4432.66 4434.08 4433.80 4432.30	4455.00
62.	2S-35E-31ACC1	110SKRV	BSLT,CNDR	150	56X	H,1977	4469.40	78-06-09 78-07-19 78-10-24 79-03-14 79-04-18 79-05-17 79-06-26 79-08-06 79-09-06 79-10-26	30.90 29.38 33.41 37.97 38.09 35.48 30.69 30.45 30.90 34.04	4438.50 4440.02 4435.99 4431.43 4431.31 4433.92 4438.71 4438.95 4438.50 4435.36	4414.40

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
62.	2S-35E-31ACCI	(CONTINUED)									
								80-02-14	34.04	4435.36	
								80-03-18	21.05	4448.35	
								80-04-23	28.66	4440.74	
								84-04-06	36.57	4432.83	
								84-06-06	27.28	4442.12	
								84-08-21	27.08	4442.32	
								84-10-04	27.90	4441.50	
								84-11-08	32.53	4436.87	
63.	2S-35E-31BBAL	110SKRV	BSLT,CNDR	116	80X	I,1975	4470.00	78-03-21	44.99P	4425.01	4394.00
								78-06-28	42.70	4427.30	
								78-07-21	44.29	4425.71	
								78-08-28	41.06	4428.94	
								78-10-24	42.08	4427.92	
								79-03-14	45.07	4424.93	
								79-04-18	45.27	4424.73	
								79-05-17	42.64	4427.36	
								79-06-26	42.92P	4427.08	
								79-08-06	40.40	4429.60	
								79-09-07	45.18	4424.82	
								79-10-22	42.04	4427.96	
								80-04-23	43.38	4426.62	
								84-04-05	40.91V	4429.09	
								84-06-06	36.35V	4433.65	
								84-08-21	36.46	4433.54	
64.	2S-35E-31CCCI	110SKRV	CNDR,BSLT	105	95X	H,1976	4461.00	84-04-06	32.99	4428.01	4405.00
								84-06-06	25.62	4435.38	
								84-08-22	25.19	4435.81	
								84-10-04	25.92	4435.08	
								84-11-08	29.45	4431.55	
65.	2S-35E-32AAB1	110SKRV	BSLT,CNDR	83	51X	H,1977	4483.50	78-05-24	38.29	4445.21	4432.50
								78-07-20	32.77	4450.73	
								78-09-01	35.46	4448.54	
								78-10-24	39.75	4443.75	
								79-03-13	45.77	4437.73	
								79-04-17	46.05	4437.45	
								79-05-18	42.41	4441.09	
								79-06-25	35.03	4448.47	
								79-08-01	35.09	4448.41	
								79-08-29	35.75	4447.75	
								79-10-25	41.24	4442.26	
								80-01-30	41.25	4442.25	
								84-04-04	45.35	4439.15	
								84-05-15	41.76	4441.74	
								84-07-17	31.11	4452.39	
								84-10-02	33.74	4449.76	
								84-11-07	39.27	4444.29	
								85-01-17	45.03	4439.47	
								85-04-04	45.11	4438.39	
								85-04-16	43.95	4439.55	
								85-05-15	39.15	4444.35	
								85-06-12	33.45	4450.05	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
66.	2S-35E-32ABCC1	110SKRV?	BSLT?	73M	NA	P,1975	4476.79	84-01-27 84-02-29 84-04-04 84-05-15 84-07-17 84-10-02 84-11-07 85-01-17 85-03-01 85-04-04 85-04-16 85-05-15 85-06-12 85-07-18	41.62 43.55 41.66 38.00 28.61 30.20 35.91 41.16 36.40 41.19 40.06 35.42 30.08 30.26	4435.17 4433.24 4435.13 4438.79 4448.18 4446.59 4440.88 4435.63 4440.39 4435.60 4436.73 4441.37 4446.71 4446.53	NA
67.	2S-35E-32ACC1	110SKRV	BSLT,CNDR	83	45X	I,1977	4476.90	78-04-25 78-07-21 78-09-01 78-10-24 79-04-17 79-05-18 79-06-25 79-08-01 79-08-29 79-10-25 80-02-12 84-03-09 84-04-04 84-05-15 84-07-17 84-10-02 84-11-07 85-01-17 85-03-01 85-04-04 85-04-16 85-05-15 85-06-12 85-07-18	41.50 31.44 31.45 35.70R 41.43 37.88 31.23 31.27 31.88 36.13 46.88 43.17 41.07 36.91 28.37 28.82 35.09 40.60 35.09 40.44 39.53 34.01 29.79 29.22	4435.40 4445.46 4445.45 4441.20 4435.47 4439.02 4445.63 4445.67 4445.02 4440.80 4430.02 4433.73 4435.83 4439.99 4448.53 4448.08 4441.81 4436.30 4441.81 4436.46 4436.84 4442.89 4447.11 4447.68	4432.90
68.	2S-35E-32ACDD1	110SKRV?	BSLT?	NA	NA	H,NA	4479.00	84-03-02	41.57R	4437.43	NA
69.	2S-35E-32ACDD2	110SKRV?	BSLT?	135D,R	NA	H,1976D	4478.00	NO WATER LEVELS MEASURED			NA
70.	2S-35E-32ADAC1	110SKRV?	BSLT?	123M	NA	N,NA	4479.80	84-03-08 84-04-04 84-05-15 84-07-16 84-10-02 84-11-07	44.15 41.53 36.94 26.71 28.95 35.07	4435.65 4438.27 4442.86 4453.09 4450.85 4441.73	NA

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE DATUM (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
70.	2S-35E-32ADAC1	(CONTINUED)									
								85-01-17	41.32	4438.48	
								85-03-01	34.94	4444.86	
								85-04-03	41.16	4438.64	
								85-04-16	39.78	4440.02	
								85-05-15	34.26	4445.54	
								85-06-12	27.57	4452.23	
								85-07-18	28.98	4450.82	
71.	2S-35E-32ADB1	110SKRV?	NA	NA	NA	N,1984	4479.00	84-10-02	28.94	4450.06	NA
								84-11-07	35.06	4443.94	
72.	2S-35E-32ADDCl	110SKRV	BSLT,CNDR	80	NA	P,1968	4478.91	84-01-27	40.65	4438.26	4449.91
								84-03-06	43.33	4435.58	
								84-04-04	40.58	4438.33	
								84-05-15	35.91	4443.00	
								84-07-17	25.81	4453.10	
								84-10-02	27.93	4450.98	
								84-11-07	34.08	4444.83	
								85-01-17	40.32	4438.59	
								85-03-01	33.64	4445.27	
								85-04-04	40.14	4438.77	
								85-04-16	38.82	4440.09	
								85-06-12	28.60	4452.11	
								85-07-18	28.05	4450.86	
73.	2S-35E-32ADDD1	110SKRV?	NA	NA	NA	H,1950R	4478.93	84-03-06	43.35	4435.58	NA
								84-04-04	40.57	4438.36	
74.	2S-35E-32BAA1	110SKRV	BSLT	105	67X	H,1976	4481.30	78-05-24	39.28	4442.02	4414.30
								78-09-01	37.47	4443.83	
								78-10-24	41.41	4439.89	
								79-03-13	46.86	4434.44	
								79-04-17	46.70	4434.60	
								79-05-18	42.65	4438.65	
								79-06-25	38.03	4443.27	
								79-07-20	35.99	4445.31	
								79-08-01	37.22	4444.08	
								79-08-29	41.85	4439.45	
								80-02-14	49.02	4432.28	
								84-03-09	48.58	4432.72	
								84-04-04	46.45	4434.85	
								84-05-15	43.03	4438.27	
								84-07-17	33.83	4447.47	
								84-10-02	35.32	4445.98	
								84-11-07	40.85	4440.45	
								85-01-17	45.90	4435.40	
								85-03-01	41.54	4439.76	
								85-04-04	45.99	4435.31	
								85-04-16	44.88	4436.42	
								85-05-15	40.21	4441.09	
								85-06-12	35.83	4445.47	
								85-07-18	35.28	4446.02	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET DATE ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (FEET WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
75.	2S-35E-32BDCA1	110SKRV	BSLT, CNDR	80M	45X	U, 1968	4475.36	84-03-07 84-04-13 84-05-15 84-07-26 84-10-12	43.07 40.34 37.47 28.17 31.46	4432.29 4435.02 4437.89 4447.19 4443.90	4431.36
76.	2S-35E-32CAD1	110SKRV?	BSLT?	76M	NA	H, NA	4470.50	84-04-05 84-05-15 84-07-17 84-10-02 84-11-08 85-01-17	35.05 30.70 21.76 23.19 29.40 34.76	4435.45 4439.80 4448.74 4447.31 4441.10 4435.74	NA
77.	2S-35E-32CBAD1	110SKRV	CNDR, BSLT	76.5M	43X	U, 1968	4467.36	84-03-07 84-04-13 84-05-15 84-07-26 84-10-12	36.76 32.39 29.40 20.29 23.55	4430.60 4434.97 4437.96 4447.07 4443.81	4424.36
78.	2S-35E-32CCCD1	110SKRV?	BSLT?	120R	NA	N, NA	4469.69	84-03-09 84-04-05 84-05-16 84-07-17 84-10-02 84-11-08	37.83 35.48 31.24 22.88 24.21 30.32	4431.86 4434.21 4438.45 4446.81 4445.48 4439.37	NA
79.	2S-35E-32CCDD1	110SKRV?	BSLT?	NA	NA	H, 1965R	4470.00	WATER LEVELS NOT MEASURED			NA
80.	2S-35E-32CDAC1	110SKRV?	BSLT?	68M	NA	H, 1972	4471.06	84-03-09 84-04-05 84-05-16 84-07-18 84-10-02 84-11-08	38.54 34.90 30.30 21.42 22.94 29.24	4432.52 4436.16 4440.76 4449.64 4448.12 4441.82	4426.06
81.	2S-35E-32CDDC1	110SKRV?	BSLT?	73M	NA	H, NA	4472.29	84-01-27 84-03-09 84-04-05 84-05-16 84-07-18 84-10-02 84-11-08	35.33 38.01 35.05 29.80 21.11 22.84 29.20	4436.96 4434.28 4437.24 4442.49 4451.18 4449.45 4443.09	NA
82.	2S-35E-32CDDC2	110SKRV?	BSLT?	56M	NA	H, NA	4471.01	84-02-28 84-04-05 84-05-16 84-07-17 84-10-02 84-11-08	35.77 33.25 28.06 18.83 21.12 27.28	4435.24 4437.76 4442.95 4452.18 4449.89 4443.73	NA

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
83.	2S-35E-32CDD1	110SKRV	BSLT,CNDR	76	49X	H,1968	4772.58	84-01-27 84-03-09 84-04-05 84-05-16 84-07-17 84-10-02 84-11-08 85-01-17	35.13 37.88 34.86 29.23 20.35 22.35 28.94 34.80	4437.45 4434.70 4437.72 4443.35 4452.23 4450.23 4443.64 4437.78	4426.58
84.	2S-35E-32DAAC1	110SKRV	CNDR,BSLT	80	38X	N,1975	4477.78	84-04-05 84-05-16 84-07-16 84-10-02 84-11-09 85-01-17 85-03-01 85-04-04 85-04-16 85-06-12 85-07-18	38.92 33.56 20.20 26.27 32.90 38.89 31.62 38.60 37.16 27.15 26.76	4438.86 4444.22 4457.58 4451.51 4444.88 4438.89 4446.16 4439.18 4440.62 4450.63 4451.02	4439.78
85.	2S-35E-32DAC1	110SKRV	BSLT,CNDR	110	40X	N,1978	4478.00	WATER LEVELS NOT MEASURED			4439.00
86.	2S-35E-32DAD1	10SKRV?	BSLT?	80R	40X,R	N,NA	4475.00	WATER LEVELS NOT MEASURED			NA
87.	2S-35E-32DAD1	110SKRV	BSLT,CNDR	95D	78X	N,1976D	4474.50	84-01-27 84-03-06 84-05-16 84-07-17 84-10-02 84-11-07 85-01-17 85-03-01 85-04-04 85-04-17 85-06-12 85-07-18	35.72 38.41 29.96 20.76 22.75 29.04 35.41 27.98 35.12 33.63 23.68 23.30	4438.78 4436.09 4444.54 4453.74 4451.75 4445.46 4439.09 4446.52 4439.38 4440.87 4450.82 4451.20	4431.50?
88.	2S-35E-32DBC1	110SKRV	BSLT,CNDR	155	63X	N,1962	4473.00	WATER LEVELS NOT MEASURED			4423.00
89.	2S-35E-32DCC1	110SKRV	BSLT,CNDR	103	46X	I,1974	4472.46	84-03-01 84-04-05 84-05-16 84-07-17	37.12 34.26 28.60 18.14	4435.34 4438.20 4443.86 4454.32	4432.46
90.	2S-35E-32DCCA2	110SKRV?	BSLT?	100R	NA	H,1976	4472.96	84-07-18 84-10-02 84-11-08	19.92 21.87 28.27	4453.04 4451.09 4444.69	NA
91.	2S-35E-32DCCA3	110SKRV?	BSLT?	73R	NA	U,NA	4472.50	84-10-03 84-11-08	21.90 28.25	4450.60 4444.25	NA

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE DATUM (FEET ABOVE SEA LEVEL)	DATE LEVEL MEASURED	DEPTH BELOW LAND SURFACE (FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
92.	2S-35E-32DCCC1	110SKRV?	NA	NA	NA	H,NA	4470.00	WATER LEVELS NOT MEASURED	NA	NA	
93.	2S-35E-32DDBD1	110SKRV?	BSLT?	45.62M	NA	N,NA	4474.45	84-04-05 84-05-16 84-07-17 84-10-02	34.70 28.41 19.79 21.25	4439.75 4446.04 4454.66 4453.20	NA
94.	2S-35E-32DDCB1	110SKRV?	BSLT?	76R	NA	P,NA	4474.09	84-02-29 84-04-04 84-05-16 84-07-17 84-10-02 84-11-08 84-11-08 85-01-17 85-03-01 85-04-04 85-04-17 85-06-12 85-07-18	37.51 34.52 28.00 19.65 21.83 28.10 28.10 34.50 26.03 34.07 32.33 22.66 22.54	4436.58 4439.57 4446.09 4454.44 4452.26 4445.99 4439.59 4448.06 4440.02 4441.76 4451.43 4451.55	NA
95.	2S-35E-33ABAD1	110SKRV	CNDR,BSLT	61	30X	N,1973	4480.56	79-04-26 79-05-24 79-10-01 80-03-11 84-02-01 84-02-28 84-04-04 84-04-13 84-05-15 84-07-17 84-10-03 84-11-07 85-01-17 85-03-01 85-04-16 85-04-26 85-05-16 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	32.53 24.45 21.60 36.20 27.07 30.34 28.52 24.60 19.18 11.16 13.66 17.54 27.10 21.69 23.95 22.70 24.10 15.95 13.42 13.29 13.54 8.10 13.94 13.51 13.66	4448.03 4456.03 4458.96 4444.36 4453.49 4450.22 4452.04 4455.96 4461.38 4469.44 4466.90 4463.02 4453.46 4458.87 4456.61 4457.86 4456.46 4464.61 4467.14 4467.27 4467.02 4472.46 4468.72 4467.05 4466.90	4451.56
96.	2S-35E-33BABD1	110SKRV	BSLT,CNDR	82	29X	H,1980	4482.66	84-01-27 84-03-07 84-04-04 84-05-15 84-07-18 84-10-02 84-11-07	43.12 45.82 43.05 38.53 27.06 30.10 35.90	4439.54 4436.84 4439.61 4444.13 4455.60 4452.56 4446.76	4453.66

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
96.	2S-35E-33BADB1	(CONTINUED)									
						85-01-17		85-01-17	42.59	4440.07	
						85-03-01		85-03-01	35.98	4446.68	
						85-04-03		85-04-03	42.26	4440.40	
						85-04-16		85-04-16	41.37	4441.29	
						85-05-15		85-05-15	35.78	4447.88	
						85-06-12		85-06-12	29.68	4452.98	
						85-06-14		85-06-14	29.24	4453.42	
						85-07-17		85-07-17	29.19	4453.47	
						85-07-24		85-07-24	28.09	4454.57	
						85-08-06		85-08-06	28.91	4453.75	
						85-09-05		85-09-05	28.45	4454.21	
97.	2S-35E-33BADB1	110SKRV	BSLT,CNDR	60	20X	N,1973	4480.32	79-04-26	40.70	4439.62	4474.32
						79-05-24		79-05-24	33.19	4447.13	
						79-06-08		79-06-08	30.08	4450.24	
						79-07-03		79-07-03	29.53	4450.79	
						79-07-18		79-07-18	29.66	4450.66	
						79-10-01		79-10-01	33.40	4446.92	
						80-03-11		80-03-11	45.00	4435.32	
						84-02-01		84-02-01	40.19	4440.13	
						84-02-28		84-02-28	42.36	4437.96	
						84-04-04		84-04-04	39.72	4440.60	
						84-04-13		84-04-13	38.99	4441.33	
						84-05-15		84-05-15	35.08	4445.24	
						84-07-17		84-07-17	24.03	4456.29	
						84-10-03		84-10-03	24.84	4455.48	
						84-11-07		84-11-07	32.55	4447.77	
						85-01-17		85-01-17	38.86	4441.46	
						85-03-01		85-03-01	33.39	4446.93	
						85-04-04		85-04-04	38.57	4441.75	
						85-04-16		85-04-16	38.13	4442.19	
						85-04-26		85-04-26	38.61	4441.71	
						85-05-16		85-05-16	32.15	4448.17	
						85-06-11		85-06-11	26.97	4453.35	
						85-06-12		85-06-12	26.72	4453.60	
						85-07-17		85-07-17	25.90	4454.42	
						85-07-24		85-07-24	25.50	4454.82	
						85-08-06		85-08-06	26.01	4454.31	
						85-09-05		85-09-05	25.67	4454.65	
98.	2S-35E-33BBBC1	110SKRV?	BSLT?	82R	60R	H,NA	4482.90	84-05-15	41.70	4441.20	NA
						84-07-17		84-07-17	30.13	4452.77	
						84-10-02		84-10-02	33.47	4449.43	
						84-11-07		84-11-07	38.89	4444.01	
						85-01-17		85-01-17	45.08	4437.82	
						85-03-01		85-03-01	40.77	4442.13	
						85-04-04		85-04-04	45.13	4437.77	
						85-04-18		85-04-18	43.95	4438.95	
						85-05-15		85-05-15	38.99	4443.91	
						85-06-12		85-06-12	32.61	4450.29	
						85-07-18		85-07-18	31.74	4451.16	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE DATUM (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
99.	2S-35E-33BCBD1	110SKRV?	BSLT?	80R	NA	U, NA	4481.27	84-02-01 84-04-04 84-05-15 84-07-17 84-10-02 84-11-07 85-01-17 85-03-01 85-04-04 85-04-16 85-05-16 85-06-12 85-07-18 85-09-05	42.90T 43.50 37.55 27.69T 29.75T 36.01 42.38T 36.02 42.15 40.88T 35.00 30.46T 29.87S 29.32	4438.37 4437.77 4443.72 4453.58 4451.52 4445.26 4438.89 4445.25 4439.12 4440.39 4446.27 4420.81 4451.40 4451.95	4445.27
100.	2S-35E-33BCBD2	110SKRV	BSLT, CNDR	402D, R	325R	P, 1984D	4481.00	84-10-02 84-11-07 85-01-17 85-03-01 85-04-04 85-04-16 85-05-16 85-06-12 85-07-18 85-09-05	31.14R 35.77 42.13R 37.73 42.68 40.62R 36.28 31.92R 31.36R 30.82	4449.86 4445.23 4438.87 4443.27 4438.32 4440.38 4444.72 4449.08 4449.64 4450.18	4445?
101.	2S-35E-33BCDC1	110SKRV	BSLT, CNDR	87	34X	P, 1973	4480.68	78-03-21 78-09-07 78-10-23 78-12-12 79-03-19 79-04-24 79-05-19 79-06-26 79-07-31 79-08-29 79-10-17 84-01-27 84-03-07 84-04-04 84-05-15 84-07-16 84-10-02 84-11-07 85-01-17 85-02-28 85-04-03 85-04-16 85-05-15 85-06-12 85-07-18 85-08-06 85-09-05	46.75 33.65 36.01 44.75 42.90 42.21 29.71 35.10 30.83 31.61 35.68 40.17 44.70 41.88 36.98 26.89 29.05 35.26 41.66 34.66 41.44 40.04 34.38 29.82 29.30 29.19 28.66	4433.93 4447.03 4444.67 4435.93 4437.78 4438.47 4450.97 4445.58 4449.85 4445.00 4440.51 4435.98 4438.80 4443.70 4453.79 4451.63 4445.42 4439.02 4446.02 4439.24 4440.64 4446.30 4450.86 4451.38 4451.49 4452.02	4456.68

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
102.	2S-35E-33CABC1	110SKRV?	BSLT?	80R	NA	U,NA	4481.59	79-04-26 79-05-29 79-06-08 79-07-03 79-07-17 80-03-11 84-04-04 84-05-15 84-07-17 84-10-02 84-11-07 85-01-17 85-03-01 85-04-03 85-04-16 85-05-15 85-06-12 85-06-14 85-07-18 85-08-06 85-09-05	42.70 35.10 32.59 29.96 31.71 44.44 41.71 36.69 26.38 28.67 34.72 41.36 34.67 40.98 39.91 34.08 29.19 29.08 28.65 28.38S 33.10	4438.89 4446.49 4449.00 4451.63 4449.88 4438.15 4439.88 4444.90 4455.21 4452.92 4446.87 4440.23 4446.92 4440.61 4441.68 4447.51 4452.40 4452.51 4452.94 4453.21 4453.49	4452?
103.	2S-35E-33CABC2	110SKRV?	BSLT?	160R	NA	U,1979	4481.26	84-01-27 84-03-08 84-04-04 84-05-15 84-07-17 84-10-02 84-11-07 85-01-17 85-03-01 85-04-16 85-04-16 85-05-15 85-06-12 85-06-14 85-07-18 85-08-06 85-09-05	41.69 44.46 41.55 36.63 26.43 28.50 34.73 41.06 34.66 40.93 39.78 34.06 29.36 29.09 27.74	4439.57 4436.80 4439.71 4444.63 4454.83 4452.76 4446.53 4440.20 4446.60 4440.33 4441.48 4447.20 4451.90 4452.17 4453.62	4452?
104.	2S-35E-33CABC3	110SKRV	BSLT,CNDR	290	285X	H,1979	4482.01	84-01-27 84-03-08 84-04-04 84-05-15 84-07-17 84-10-02 84-11-07 85-01-17 85-03-01 85-04-03 85-04-16 85-05-15 85-06-12 85-06-14 85-07-18 85-09-05	42.06 44.81 42.22 37.80 29.10P 29.68 35.36 41.79 36.23 41.71 40.60 35.31 30.69 30.47 31.12 29.31	4439.95 4437.20 4439.79 4444.21 4452.91 4452.33 4446.65 4440.22 4445.78 4440.30 4441.41 4446.70 4451.32 4451.54 4450.89 4452.70	4452.01

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE DATUM (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (FEET LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
105.	2S-35E-33CBAA1	110SKRV	BSLT,CNDR	315R	NA	H,1980	4482.27	84-01-27	43.05	4439.22	4450.27
				340D,R	320X,R	H,1984D	4482.27	84-03-09	45.68	4436.59	4450.27
								84-04-04	43.25	4439.02	
								84-05-16	38.37	4443.90	
								84-07-17	28.97	4453.30	
								84-10-02	30.76	4451.51	
								84-11-07	36.43	4445.84	
								85-01-17	42.67	4439.60	
								85-04-04	42.63	4439.64	
								85-04-18	41.40	4440.87	
								85-06-12	31.73	4450.54	
								85-07-18	31.11	4451.16	
								85-08-06	30.89	4451.38	
								85-09-05	30.43	4451.84	
106.	2S-35E-33CBBA1	110SKRV?	BSLT?	67.83M	NA	N,NA	4478.99	84-04-04	40.15	4438.84	NA
								84-05-15	35.18	4443.81	
								84-07-16	25.22	4453.77	
								84-10-02	27.34	4451.65	
								84-11-07	33.57	4445.42	
								85-01-17	39.97	4439.02	
								85-03-01	32.67	4446.32	
								85-04-03	39.75	4439.24	
								85-04-16	38.28	4440.71	
								85-05-16	32.35	4446.64	
								85-06-11	28.28	4450.71	
								85-07-17	27.64	4451.35	
								85-08-06	27.62	4451.37	
								85-09-05	27.07	4451.92	
107.	2S-35E-33CBBC1	110SKRV	BSLT,CNDR	120	94.75	N,1949	4480.00	WATER LEVELS NOT MEASURED		4439.00	
108.	2S-35E-33CBCB1	110SKRV?	BSLT?	71.22M	NA	N,NA	4481.47	84-04-05	42.48	4438.99	NA
								84-05-16	37.11	4444.36	
								84-07-17	27.74	4453.73	
								84-10-03	29.92	4451.55	
109.	2S-35E-33CCAA1	110SKRV?	NA	NA	NA	N,NA	4480.00	WATER LEVELS NOT MEASURED		NA	
110.	2S-35E-33CCBB1	110SKRV?	BSLT?	69.52M	NA	N,NA	4475.69	84-03-09	39.02	4436.67	NA
								84-04-04	35.72	4439.97	
								84-05-15	30.08	4445.61	
								84-07-16	20.62	4455.07	
								84-10-02	22.75	4452.94	
								84-11-07	29.11	4446.58	
								85-01-17	35.65	4440.04	
								85-02-28	26.65	4449.04	
								85-04-03	35.35	4440.34	
								85-04-16	33.60	4442.09	
								85-05-16	27.49	4448.20	
								85-06-12	23.80	4451.89	
								85-07-18	23.54	4452.15	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
M11.	2S-35E-33CDAC1	110SKRV	BSLT,CNDR	95	20X	N,1970	4481.99	84-03-09 84-04-04 84-05-15 84-07-16 84-10-02 84-11-07 85-01-17 85-02-28 85-04-03 85-04-16 85-05-16 85-06-11 85-07-17 85-08-06 85-09-05	44.10 40.80 35.00 25.67 27.81 34.07 40.67 31.13 40.35 38.60 32.54 29.08 28.67 28.31 27.98	4437.89 4441.19 4446.99 4456.32 4454.18 4447.92 4441.32 4450.86 4441.64 4443.39 4449.45 4452.91 4453.32 4453.68 4454.01	4461.99
M12.	2S-35E-33DABCl	110ALVM	GRVL,CLAY	29	28X	O,1985	4478.26	85-04-16 85-04-17 85-04-25 85-05-15 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	10.57 10.53 10.23 2.50 2.40 2.38 2.39 4.89 4.74 4.00 2.48	4467.69 4467.73 4468.03 4475.76 4475.86 4475.88 4475.87 4473.37 4473.52 4474.26 4475.78	NO BASALT
M12.	2S-35E-33DACB1	110SKRV	BSLT	65	59X	O,1985	4477.88	85-07-24 85-08-06 85-09-05	4.62 4.22 2.48	4473.26 4473.66 4475.40	4418.88
M12.	2S-35E-33DBBAl	110SKRV	BSLT,CNDR	60	20X	N,1973	4478.95	79-04-26 79-05-24 80-03-11 84-02-01 84-02-28 84-04-04 84-05-15 84-07-17 84-10-03 84-11-07 85-01-17 85-04-04 85-04-16 85-04-26 85-05-16 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	29.34 23.13 35.90 26.22 28.12 26.70 21.83 14.43 16.55 20.08 25.38 24.05 24.05 25.36 20.37 18.02 17.97 18.21 18.26 18.03 17.96 17.82	4449.61 4455.82 4443.05 4452.73 4450.83 4452.25 4457.12 4464.52 4462.40 4458.87 4453.57 4454.90 4454.90 4453.59 4458.58 4460.93 4460.98 4460.74 4460.69 4460.92 4460.99 4461.13	4462.95

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
M4.	2S-35E-33DCAD1	110ALVM	GRVL	21	21OP	O,1985	4476.77	85-04-17 85-04-25 85-05-15 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	11.76 11.33 7.12 4.48 4.30 4.19 4.09 3.73 2.93 2.47	4465.01 4465.44 4469.65 4472.29 4472.47 4472.58 4472.68 4473.04 4473.84 4474.30	NO BASALT
M3.	2S-35E-33DDBA1	110ALVM	GRVL,SAND	21	21OP	O,1985	4479.55	85-04-17 85-04-25 85-05-15 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	15.87 15.59 10.54 7.52 7.31 7.05 6.38 5.94 5.06 4.57	4463.68 4463.96 4469.01 4472.03 4472.24 4472.50 4473.17 4473.61 4474.49 4474.98	NO BASALT
113.	2S-35E-34DDBA1	110SKRV?	NA	138M	NA	U,OLD	4481.93	84-10-09 84-11-09 85-01-16 85-02-28 85-04-03 85-04-15 85-05-16 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	7.95 11.46 24.12 23.20 26.01 25.30 18.17 10.72 10.57 10.29 7.65 6.57 5.63 5.41	4473.98 4470.47 4457.81 4458.73 4455.92 4456.63 4463.76 4471.21 4471.36 4471.64 4474.28 4475.36 4476.30 4476.52	NA
M1.	2S-35E-34CBCB1	110SKRV	GRVL,SAND	21	21OP	O,1985	4480.81	85-04-16 85-04-17 85-04-25 85-05-15 85-06-11 85-06-12 85-06-14 85-07-17 85-07-24 85-08-06 85-09-05	21.05 21.09 21.19 11.58 7.53 7.39 7.30 6.20 5.55 4.73 4.15	4459.76 4459.72 4459.62 4469.23 4473.27 4473.41 4473.50 4474.61 4475.26 4476.08 4476.66	NO BASALT

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE DATUM (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
114.	2S-35E-35BAA1	110SKRV	BSLT,CNDR	88	47X	H,1974	4505.00	78-03-19 78-06-02 78-07-06 78-08-03 78-10-06 78-10-31 79-03-19 79-04-24 79-05-19 79-06-27 79-08-02 79-08-30 79-11-02 80-02-05 84-02-03 84-04-05 84-06-07 84-08-22 84-11-08 85-01-16 85-02-28 85-04-03 85-04-15 85-05-16 85-06-11 85-07-17 85-09-05	50.63 4454.37 4462.00 4464.15 4474.84 4473.66 4474.21 4454.37 4453.50 4461.66 4470.27 4481.19 4476.01 4472.90 4453.89 4457.46 4455.00 4467.88 4476.80 4469.78 4458.30 4458.08 4455.57 4456.06 4459.53 4468.97 4475.94 4478.41	4461.00	
115.	2S-35E-36CCC1	110SKRV	BSLT,CNDR	110	100X	H,1974	4507.00	79-03-17 79-04-24 79-05-14 79-05-19 79-06-27 79-08-03 79-10-17 84-02-03	37.98 37.08 24.16 20.29 4.93 3.77 19.68 34.28	4469.02 4469.92 4482.84 4486.71 4502.07 4503.23 4487.32 4472.72	4420.00
116.	3S-34E-01BAC1	110SKRV	BSLT,CNDR	80	63X	H,1974	4454.00	78-06-09 78-07-18 78-10-31 79-03-15 79-04-18 79-05-16 79-06-27 79-08-02 79-09-05 79-10-23 80-01-30 80-04-09 84-02-01 84-04-04 84-06-06 84-08-22 84-11-08	25.82 25.89 27.25P 29.79 30.20 30.56 26.00 26.28 26.13 27.10 30.72 33.48 28.14 28.07 22.97 22.55 25.09	4428.18 4428.11 4426.75 4424.21 4423.80 4423.44 4428.00 4427.72 4427.87 4426.90 4423.28 4420.52 4425.86 4425.93 4431.03 4431.45 4428.91	4391.00

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (FEET LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
117.	3S-34E-1CCC2	110ALVM	SAND, GRVL	60	60OP	H, 1977	4451.00	79-04-20 79-05-16 79-06-27 79-08-02 79-08-31 79-10-23 80-02-06 84-02-01 84-04-04 84-06-06 84-08-22 84-11-08	20.89 21.68 18.48 19.43 19.52 21.76 27.14 23.35 23.92 14.47 15.30 20.20	4430.11 4429.32 4432.52 4431.57 4431.48 4429.24 4423.86 4427.65 4427.08 4436.53 4435.70 4430.80	NO BASALT
118.	3S-34E-1DCB1	110ALVM	SAND, GRVL	40	24P	U, 1979	4453.00	79-04-20 79-05-24 79-06-08 79-06-14 79-06-21 79-06-29 79-07-18 79-09-07 79-09-25 79-10-15 79-10-25 79-11-05 79-11-14 80-01-10 80-01-15 80-02-14 80-02-26 84-02-01 84-04-04 84-06-06 84-08-22 84-11-08	25.17 17.67 17.59 16.80 17.10 17.00 17.80 19.58 20.67 20.73 23.50 26.00 27.23 27.45 30.15 31.30 22.80 24.03 11.36 14.53 20.02	4427.83 4435.33 4435.41 4436.20 4435.90 4436.00 4435.20 4433.42 4432.33 4432.27 4429.50 4427.00 4425.77 4425.55 4422.85 4421.70 4430.20 4428.97 4441.64 4438.47 4432.98	NO BASALT
119.	3S-34E-2AAA1	110SKRV	BSLT	100	90X	I, 1977	4455.00	78-04-27 78-07-17 78-10-26 79-03-14 79-04-18 79-05-17 79-06-26 79-08-02 84-04-04 84-06-06 84-08-21 84-11-08	31.65S 28.62 29.11R 32.02 31.59 24.00 28.90 29.17 29.59 25.85 25.20 26.95	4423.35 4426.38 4425.89 4422.98 4423.41 4431.00 4426.10 4425.83 4425.41 4429.15 4429.80 4428.05	4381.00

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
120.	3S-34E-2BCC1	110SKRV	BSLT,CLAY	265	100.5X	O,1979	4443.00	79-08-22 80-03-29 80-06-23 80-07-31 80-08-27 80-09-15 80-10-29 80-11-14 80-12-17 81-02-18 81-03-18 81-04-14 81-05-15 81-05-28 81-06-19 81-07-17 81-08-16 81-09-28 81-10-14 81-11-24 81-12-28 82-01-19 82-02-17 82-03-10 82-04-15 82-05-11 84-02-01 84-04-04 84-06-06 84-08-22 84-11-08	21.19 24.71 21.27 21.50 21.10 20.83 21.95 22.61 23.52 24.58 24.76 24.97 24.06 22.40 21.66 22.27 21.63 21.12 21.61 23.49 24.18 24.24 24.41 24.03 23.95 24.18 22.81 21.55 21.46 18.28 17.76 19.02	4421.81 4418.29 4421.73 4421.50 4421.90 4422.17 4421.05 4420.39 4419.48 4418.42 4418.24 4418.03 4418.94 4420.60 4421.34 4420.73 4421.37 4421.88 4421.39 4419.51 4418.82 4418.76 4418.59 4418.97 4419.05 4420.19 4421.45 4421.54 4424.72 4425.24 4423.98	4339.00
121.	3S-34E-2BCC2	110SKRV	BSLT	322	314.5P	O,1979	4443.00	84-02-01 84-04-04 84-06-06 84-08-22 84-11-08	21.48 21.38 18.52 17.95 19.03	4421.52 4421.62 4424.48 4425.05 4423.97	4339.00
122.	3S-34E-2BCC3	110SKRV	BSLT	676	668.5P	O,1979	4443.00	84-02-01 84-04-04 84-04-20 84-06-06 84-08-22 84-11-08	21.36 18.49 21.05 18.49 18.01 18.82	4421.64 4424.51 4421.95 4424.51 4424.99 4424.18	4339.00
123.	3S-34E-2BDA2	110ALVM	GRVL,SAND	80	79X	H,1977	4448.00	78-04-28 78-07-20 78-10-25 79-03-14 79-04-18 79-05-17 79-06-25	27.14 23.87 24.92R 27.17 27.30 25.51 23.97	4420.86 4424.13 4423.08 4420.83 4420.70 4422.49 4419.03	NO BASALT

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
123.	3S-34E-2BDA2 (CONTINUED)										
						79-08-02		79-08-02	24.70	4423.30	
						79-09-06		79-09-06	26.54	4421.46	
						79-10-30		79-10-30	20.39	4427.61	
						80-01-30		80-01-30	29.55	4418.45	
						84-02-01		84-02-01	25.39	4422.61	
						84-04-04		84-04-04	25.27	4422.73	
						84-06-06		84-06-06	21.38	4426.62	
						84-08-21		84-08-21	20.26	4427.74	
						84-11-08		84-11-08	22.65	4425.35	
124.	3S-34E-2CDC1	110ALVM	GRVL,SAND	61	59X	H,1976	4446.00	78-07-20	18.19	4427.81	NO BASALT
						78-09-06		78-09-06	17.75	4428.25	
						78-10-31		78-10-31	20.49R	4425.51	
						79-03-15		79-03-15	23.54	4422.46	
						79-04-20		79-04-20	25.21	4420.79	
						79-05-16		79-05-16	21.37	4424.63	
						79-06-27		79-06-27	18.35	4427.65	
						79-08-02		79-08-02	18.16	4427.84	
						79-09-05		79-09-05	19.90	4426.10	
						79-10-24		79-10-24	20.80	4425.20	
						80-04-15		80-04-15	29.28	4416.72	
						84-02-01		84-02-01	23.02	4422.98	
						84-04-04		84-04-04	22.89	4423.11	
						84-06-06		84-06-06	13.72	4432.28	
						84-08-22		84-08-22	14.41	4431.59	
						84-11-08		84-11-08	19.82	4426.18	
125.	3S-34E-3CDC1	110SKRV	BSLT,CNDR	165	108X	H,1976	4441.00	79-05-16	17.54	4423.46	4333.00
						79-06-27		79-06-27	16.50	4424.50	
						79-08-02		79-08-02	16.61	4424.39	
						79-09-05		79-09-05	16.33	4424.67	
						79-10-24		79-10-24	13.14	4427.86	
						80-03-20		80-03-20	18.70	4422.30	
						80-04-15		80-04-15	18.44	4422.56	
						84-02-01		84-02-01	16.43	4424.57	
						84-04-04		84-04-04	16.33	4424.67	
						84-06-06		84-06-06	13.43	4427.57	
						84-08-22		84-08-22	12.92	4428.08	
						84-11-08		84-11-08	13.89	4427.11	
126.	3S-34E-9BAA1	110SKRV	BSLT	65	23X	H,1975	4437.00	78-04-25	16.75P	4420.25	4414.00
						78-10-26		78-10-26	13.51P	4423.49	
						79-03-15		79-03-15	16.32	4420.68	
						79-04-24		79-04-24	17.60	4419.40	
						79-05-16		79-05-16	15.51	4421.49	
						79-06-27		79-06-27	12.05	4424.95	
						79-08-02		79-08-02	11.53	4425.47	
						79-09-05		79-09-05	13.06	4423.94	
						79-11-09		79-11-09	15.89	4421.11	
						80-02-04		80-02-04	17.13	4419.87	
						84-04-04		84-04-04	14.00R	4423.00	
						84-06-06		84-06-06	10.71	4426.29	
						84-08-22		84-08-22	10.26	4426.74	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
127.	3S-34E-9CCD1	110SKRV	BSLT,SAND,GRVL	48	42X	H,1975	4431.00	78-04-20 78-07-17 78-10-25 79-03-15 79-04-18 79-05-16 79-06-27 79-08-02 79-09-05 79-09-13 79-10-24 80-02-14 80-03-20 84-02-01 84-04-04 84-06-06 84-08-22 84-11-08	10.86 2.34 6.66R 10.21 12.05 9.80 7.90 9.07 7.14 8.10 8.65 12.88 19.65 10.49 9.90 5.78 5.99 7.88	4420.14 4428.66 4424.34 4420.79 4418.95 4421.20 4423.10 4421.93 4423.86 4422.90 4422.35 4418.12 4411.35 4420.51 4421.10 4425.22 4425.01 4423.12	4391.00
128.	3S-34E-10AAA1	110ALVM	GRVL	60	60OP	H,1976	4443.00	78-06-09 78-07-20 78-10-31 78-12-13 79-03-15 79-04-20 79-05-16 79-06-27 79-08-02 79-09-05 79-10-24 80-02-12 80-03-20 80-04-15 84-02-01 84-04-04 84-06-06 84-08-22 84-11-08	15.91 14.47 15.60R 18.85R 18.99 19.32 15.96 14.30 14.46 15.43 16.36 13.83 15.57 19.21 17.28 17.10 12.10 11.82 14.18	4427.09 4428.53 4427.40 4412.15 4424.01 4423.68 4427.04 4428.70 4428.54 4427.57 4426.64 4429.17 4427.43 4423.79 4425.72 4425.90 4430.90 4431.18 4428.82	NO BASALT
129.	3S-34E-16BCB1	110ALVM	GRVL	56	56OP	H,1974	4425.72	78-05-02 78-07-26 78-10-31 78-12-13 79-03-15 79-04-18 79-05-16 79-06-27 79-08-02 79-09-05 79-10-24 84-02-01 84-04-04 84-06-06 84-08-22 84-11-08	8.61 6.22 6.80 9.05 8.34 8.95 6.78 5.34 5.82 5.85 9.16 7.77 7.74R 3.53 4.02 5.56	4417.11 4419.50 4418.92 4416.67 4417.38 4416.77 4418.94 4420.38 4419.90 4419.87 4416.56 4417.95 4417.98 4422.19 4421.70 4420.16	NO BASALT

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE DATUM (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
130.	3S-34E-16CAB1	110SKRV	CNDR	73	51X	H,1972	4426.50	78-05-02 78-07-27 78-10-31 79-03-15 79-04-18 79-05-16 79-06-27 79-08-02 79-09-05 79-10-25 80-03-20 84-06-06 84-08-22 84-11-08	7.00 11.20 5.15R 6.75 7.03 5.99 4.41 10.32 9.54 5.22 27.50 2.33 3.35 4.83	4419.50 4415.30 4421.35 4419.75 4419.47 4420.51 4422.09 4416.18 4416.96 4421.28 4399.00 4424.17 4423.15 4421.67	4376.50
131.	3S-34E-16DAA1	110SKRV	BSLT,CNDR	220	127X	I,1974	4432.00	78-04-19 78-04-19 78-07-26 78-10-31 79-03-15 79-04-18 79-05-16 79-06-27 79-08-02 79-09-06 79-10-24 80-03-20 84-02-01 84-04-04 84-06-06 84-08-22 84-11-08	10.93 10.93 10.63 9.95T 10.84 10.75 10.44 10.31P 9.97 9.94 10.90 31.35 9.11 8.96 6.20 6.79 7.52	4421.07 4421.07 4421.37 4422.05 4421.16 4421.25 4421.56 4421.69 4422.03 4422.06 4421.10 4400.65 4422.89 4423.04 4425.80 4425.21 4424.48	4306.00
132.	3S-34E-22DAB1	110ALVM	SAND,GRVL	85	60P	O,1980	4430.00	84-02-03 84-04-05 84-06-06 84-08-22 84-11-08	15.46 14.62 9.92 11.43 12.20	4414.54 4415.38 4420.08 4418.57 4417.80	NO BASALT
133.	3S-34E-22DAB2	110SKRV	BSLT	568.50	455.20P	O,1980	4430.00	84-04-05 84-06-06 84-08-22 84-11-08	15.34 14.70 13.21 13.57	4414.66 4415.30 4416.79 4418.43	4340.00
134.	3S-34E-24AAA1	110SKRV	BSLT,CNDR	110	58X	H,1975	4457.00	78-07-31 78-09-12 78-10-11 79-03-14 79-04-18 79-04-21 79-06-26 79-08-01 79-08-31 79-10-30	23.94 24.82 25.03 33.80P 34.61 31.27 27.20 23.49 25.20 27.65	4433.06 4432.18 4431.97 4423.20 4422.39 4425.73 4429.80 4433.51 4431.80 4429.35	4404.00

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
134.	3S-34E-24AAA1	(CONTINUED)									
								80-02-04	33.00	4424.00	
								84-02-03	31.62	4425.38	
								84-06-06	27.36	4429.64	
								84-08-22	21.54	4435.46	
								84-11-08	26.57	4430.43	
135.	3S-34E-24BBB1	110ALVM	SAND,GRVL	66	660P	H,1974	4460.00	78-07-27	35.21	4424.79	NO BASALT
								79-03-19	42.10	4417.90	
								79-04-10	42.35	4417.65	
								79-05-21	40.42	4419.58	
								79-06-26	37.26	4422.74	
								79-08-01	35.75	4424.25	
								79-08-31	36.49	4423.51	
								79-11-02	40.00	4420.00	
								80-02-04	43.27	4416.73	
								84-04-05	40.76	4419.24	
								84-06-06	34.48	4425.52	
								84-08-22	32.82P	4427.18	
								84-11-08	37.65	4422.35	
136.	3S-35E-4BBAA1	110SKRV?	BSLT?	80M	NA	N,NA	4480.00	84-10-03	23.84	4456.16	4460?
								84-11-08	30.35	4449.65	
								85-01-17	37.35	4442.65	
								85-02-28	25.19	4454.81	
								85-04-04	36.97	4443.03	
								85-04-18	35.00	4445.00	
								85-06-12	25.45	4454.55	
								85-07-18	24.94	4455.06	
137.	3S-35E-5BADC1	110SKRV?	BSLT?	85R	NA	H,1980R	4471.58	84-04-05	31.17	4440.41	NA
								84-05-16	24.24	4447.34	
								84-07-17	16.95	4454.63	
								84-10-03	19.28	4452.30	
								84-11-08	25.42	4446.16	
138.	3S-35E-5BCBC1	110SKRV?	NA	93R	60R	H,1940R	4467.00	NO WATER	LEVELS MEASURED	NA	
139A.	3S-35E-5BCDD1	110SKRV?	NA	75R	NA	H,1950R	4465.00	NO WATER	LEVELS MEASURED	NA	
139B.	3S-35E-5BCDD2	110SKRV?	NA	60R	NA	I,1980R	4465.00	84-04-05	25.63	4439.37	NA
								84-05-16	17.36	4447.64	
								84-11-08	21.08	4443.92	
140.	3S-35E-5BCCB1	110SKRV	BSLT,CNDR	80M	60X	H,1973	4466.74	84-02-29	29.60	4437.14	4406.74
								84-04-05	26.02	4440.72	
								84-05-16	18.15	4448.59	
								84-07-17	15.58	4451.16	
								84-10-02	16.62	4450.12	
								84-11-08	21.93	4444.81	

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE DATUM (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
141.	3S-35E-5DDAB1	110SKRV	BSLT,CNDR	80	45X	H,1974	4478.20	78-06-02 78-07-17 78-08-29 78-10-27 79-03-13 79-04-18 79-05-21 79-06-25 79-08-01 79-08-31 79-10-30 80-02-13 84-04-05 84-06-06 84-08-22 84-10-02 84-11-08 85-01-16 85-02-28	38.41 31.35 33.31 36.52 44.28 45.03 42.45 32.26 30.62 31.12 36.21 47.47 44.62 31.11 27.29 28.85 35.21 41.87 34.54	4439.79 4446.85 4444.89 4441.68 4433.92 4433.17 4435.75 4445.94 4447.58 4447.08 4441.99 4430.73 4433.58 4447.09 4450.91 4449.35 4442.99 4436.33 4443.66	4433.20
142.	3S-35E-5DDAC1	110SKRV	BSLT	80	71X	H,1973	4478.30	78-06-14 78-07-26 78-10-27 79-03-13 79-04-18 79-05-21 79-06-25 79-08-02 79-08-31 79-11-06 80-02-13 84-06-06 84-08-22 84-10-04 84-11-08 85-01-16 85-02-28	31.88 26.77 31.66 39.49 40.23 37.78 26.48 25.74 26.25 36.20 42.69 26.27 22.34 24.00 30.44 37.92 29.81	4446.42 4451.53 4446.64 4438.81 4438.07 4440.52 4451.82 4452.56 4452.05 4442.10 4435.61 4452.03 4455.96 4454.30 4447.86 4440.38 4448.49	4407.30
143.	3S-35E-6ABB1	110SKRV	CNDR,BSLT	70	26X	H,1975	4461.00	78-05-29 78-07-31 78-10-31 79-04-24 79-05-16 79-06-27 79-08-02 79-10-23 80-02-14 80-03-13 80-04-09 84-04-06 84-07-18 84-10-02 84-11-08	27.96 37.16 30.40P 33.45 30.80 25.19 25.48 30.90 30.45 21.14 23.96 32.40 21.66 22.73 28.02	4433.04 4423.84 4430.60 4427.55 4430.20 4435.81 4435.52 4430.10 4430.55 4439.86 4437.04 4428.60 4439.34 4438.27 4432.98	4435.00

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
144.	3S-35E-6CDA1	110ALVM	GRVL,SAND	70	700P	H,1972	4459.00	78-05-03 78-05-03 78-10-31 78-10-31 79-03-15 79-04-19 79-05-16 79-06-27 79-08-02 79-08-31 79-10-24 80-04-15 84-04-05 84-07-17 84-10-02 84-11-08	28.00R 23.18 24.66R 27.90 27.98 26.14 23.93 21.39 19.40V 24.68 32.52 26.73 17.84 18.70 22.85	4431.00 4435.82 4434.34 4431.10 4431.02 4432.86 4435.07 4437.61 4439.60 4434.32 4426.48 4432.27 4441.16 4440.30 4436.15	NO BASALT
145.	3S-35E-8ABAB1	110SKRV	BSLT,CNDR	97	54X	P,1973	4470.00	84-02-03 84-04-05 84-06-06 84-08-22 84-11-08 85-01-16 85-02-28	27.95 28.80 17.08 14.61 21.22 28.47 21.13	4442.05 4441.20 4452.92 4455.39 4448.78 4441.53 4448.87	4420.50
146.	3S-35E-11BCC1	110ALVM	SAND,GRVL	60	600P	H,1976	4498.00	79-05-10 84-02-03 84-04-05 84-06-07 84-08-22 84-11-08	31.45 25.88 31.40 22.99 9.19 14.96	4466.55 4472.12 4466.60 4475.01 4488.81 4483.04	NO BASALT
147.	3S-35E-11BCCB1	110ALVM?	NA	70R	NA	H,NA	4498.00	84-04-12	33.98R	4464.02	NO BASALT?
148.	3S-35E-12BBA1	110ALVM	GRVL	67	64.25X	H,1975	4510.00	79-02-13 79-07-05 79-08-03 84-02-03 84-04-05 84-06-07 84-08-22 84-11-08	33.10R 18.30 17.85 26.73 32.59 26.79 11.86 16.50	4476.90 4491.70 4492.15 4483.27 4477.41 4483.21 4498.14 4493.50	NO BASALT
149.	3S-35E-12BBAAL	110ALVM	GRVL,SAND	70	69X	H,1977	4510.00	79-02-13 84-02-03 84-04-05 84-06-07 84-08-22 84-11-08	34.14 29.79 33.74 30.22 16.21 19.91	4475.86 4480.21 4476.26 4479.78 4493.79 4490.09	NO BASALT

Table 1.--Well and water-level data--Continued

WELL NUM- BER	WELL LOCA- TION	MAJOR AQUI- FER	LITHOLOGY OF MAJOR WATER- YIELDING ZONE(S)	DEPTH OF WELL, TOTAL (FEET)	DEPTH OF CASING, TOTAL (FEET)	WELL USE AND CON- STRUC- TION DATE	ALTITUDE OF LAND SURFACE (FEET ABOVE SEA LEVEL)	DATE WATER LEVEL MEASURED	DEPTH BELOW LAND SURFACE (WATER LEVEL, FEET)	ALTITUDE OF WATER LEVEL (FEET ABOVE SEA LEVEL)	ALTITUDE OF TOP OF BASALT (FEET ABOVE SEA LEVEL)
150.	3S-35E-18BA1	110SKRV	BSLT	78	59.5X	H,1975	4468.00	78-05-03	34.83T	4433.17	4393.00
								78-07-17	21.97	4446.03	
								78-07-17	21.97T	4446.03	
								78-08-29	21.11	4435.89	
								78-10-27	26.72R	4433.28	
								79-03-13	33.57	4434.43	
								79-04-18	34.61R	4433.39	
								79-02-21	31.74	4436.26	
								79-06-25	26.16	4491.84	
								79-08-01	22.21	4445.79	
								84-04-05	33.41	4435.59	
								84-06-06	25.82	4442.18	
								84-08-22	22.01	4445.99	
								84-11-08	26.46	4441.54	

Table 2.--Ground-water quality data, pre-1984

Headnotes

DATE OF SAMPLE: month-day-year

TOTAL WELL DEPTH:

M - measured

R - reported

COLLECTING AGENCY:

B - Bingham County

E - Idaho Department of Health and Welfare, Division of
Environment

GS - U.S. Geological Survey

H - Idaho Department of Health and Welfare, Southeastern
District Health Department

Notations:

MG/L - milligrams per liter; within the range of values
presented in this report, milligrams are numeri-
cally equal to parts per million

COD - chemical oxygen demand

UG/L - micrograms per liter; within the range of values
presented in this report, micrograms are numeri-
cally equal to parts per billion

0 - analyzed for but not detected

-- - information not available

< - less than

> - greater than

TNTC - too numerous to count

Table 2.--Ground-water quality data, pre-1984

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS Na)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N) (MG/L)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)			
A	2S-35E-21CDD1	08-24-83	--	E	646	409	7.4	---	---	---	---	---	3.6	---	---	---	---	---	---	---	---	---	5.1		
		08-29-83			628	362	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.4	
		10-25-83			506	308	7.6	---	---	---	---	---	---	---	3.2	---	---	---	---	---	---	---	---	---	.8
B	2S-35E-23ADB1	06-28-76	148R	GS	339	200 (sum)	7.7	144	140	39	11	10	2.3	0.6	7.0	24	16	---	---	---	---	---	---		
		07-21-76*		GS	348	180 (sum)	7.0	110	150	41	11	10	2.3	.7	9	24	15	---	---	---	---	---	---		
45	2S-35E-25BDD1	02-15-79	80	B	550	---	---	242	256	---	---	---	---	---	---	12	---	---	---	1.54	---	---	---	---	
		03-06-79			550	---	7.6	238	172	---	---	---	---	---	---	10	---	---	---	1.33	---	---	---	---	
		04-10-79			590	---	7.2	167	176	---	---	---	---	---	---	14	---	---	---	1.52	---	---	---	---	
		05-08-79			450	---	7.9	245	216	---	---	---	---	---	---	16	---	---	---	1.21	---	---	---	---	
		06-05-79			540	---	7.5	231	240	---	---	---	---	---	---	---	14	---	---	---	1.31	---	---	---	---
		07-09-79			500	---	7.5	206	232	---	---	---	---	---	---	---	14	---	---	---	1.13	---	---	---	---
		08-16-79			450	---	7.6	---	---	---	---	---	---	---	---	---	---	---	---	---	.73	---	---	---	---
		12-27-79			500	---	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	3.11	---	---	---	---
		02-06-80			500	---	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	1.30	---	---	---	---
51	2S-35E-27DBB1	02-15-79	80	B	450	---	---	184	200	---	---	---	---	---	12	---	---	---	---	1.33	---	---	---	---	
		03-05-79			550	---	7.5	224	252	---	---	---	---	---	---	15	---	---	---	1.67	---	---	---	---	
		04-10-79			620	---	7.1	247	272	---	---	---	---	---	---	18	---	---	---	1.75	---	---	---	---	
		05-08-79			450	---	7.9	180	204	---	---	---	---	---	---	14	---	---	---	.92	---	---	---	---	
		06-05-79			450	---	7.4	192	212	---	---	---	---	---	---	---	14	---	---	---	.99	---	---	---	---
		07-09-79			550	---	7.4	245	268	---	---	---	---	---	---	---	14	---	---	---	1.61	---	---	---	---
		08-17-79			550	---	7.9	---	---	---	---	---	---	---	---	---	---	---	---	1.31	---	---	---	---	
		01-15-80			550	---	7.1	---	---	---	---	---	---	---	---	---	---	---	---	---	1.77	---	---	---	---
C	2S-35E-28BCB1	08-24-83	--	E	424	256	7.8	---	---	---	---	---	3.4	---	---	---	---	---	---	---	---	---	2.1		
		09-27-83			422	249	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.6	
		10-25-83			396	237	7.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	.8	
		12-02-83			387	230	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<.2	
D	2S-35E-28BDD1	08-24-83	100R	E	499	292	7.4	---	---	---	---	---	3.1	---	---	---	---	---	---	---	---	---	3.7		
		09-27-83			457	276	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.6	
		10-25-83			403	239	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<.4	
		12-02-83			394	238	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	.6	
54	2S-35E-28CAAD1	08-10-83	80	E	498	275	7.5	---	---	---	---	---	2.5	---	---	---	---	---	---	---	---	---	2.9		
		09-26-83			365	247	7.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<.4	
		10-25-83			403	249	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	.4	
		12-01-83			410	247	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.2	

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
A	2S-35E-21CDD1	08-24-83	<1	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		08-29-83	43	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		10-25-83	<1	---	10	---	<10	---	---	---	---	---	---	---	---	---
B	2S-35E-23ADB1	06-28-76	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		07-21-76*	---	---	---	---	---	---	---	---	---	---	---	---	---	---
45	2S-35E-25BDD1	02-15-79	<1	<1	190	---	<10	---	---	---	---	---	---	---	---	---
		03-06-79	<1	<1	110	---	<10	---	---	---	---	---	---	---	---	---
		04-10-79	<1	<1	90	---	<10	---	---	---	---	---	---	---	---	---
		05-08-79	<1	<1	110	---	<10	---	---	---	---	---	---	---	---	---
		06-05-79	<1	<1	60	---	<10	---	---	---	---	---	---	---	---	---
		07-09-79	---	---	40	---	<10	---	---	---	---	---	---	---	---	---
		08-16-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		12-27-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		02-06-80	---	---	---	---	---	---	---	---	---	---	---	---	---	---
51	2S-35E-27DBB1	02-15-79	<1	<1	50	---	<10	---	---	---	---	---	---	---	---	---
		03-05-79	<1	<1	10	---	<10	---	---	---	---	---	---	---	---	---
		04-10-79	<1	<1	10	---	<10	---	---	---	---	---	---	---	---	---
		05-08-79	<1	<1	10	---	10	---	---	---	---	---	---	---	---	---
		06-05-79	<1	<1	10	---	10	---	---	---	---	---	---	---	---	---
		07-09-79	---	---	30	---	<10	---	---	---	---	---	---	---	---	---
		08-17-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
C	2S-35E-28BCB1	01-15-80	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-24-83	<1	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		09-27-83	---	---	10	---	<10	---	---	---	---	---	---	---	---	---
		10-25-83	<1	<1	30	---	<10	---	---	---	---	---	---	---	---	---
D	2S-35E-28BDD1	12-02-83	<1	---	40	---	<10	---	---	---	---	---	---	---	---	---
		08-24-83	<1	---	10	---	<10	---	---	---	---	---	---	---	---	---
		09-27-83	<1	---	50	---	<10	---	---	---	---	---	---	---	---	---
		10-25-83	<1	---	60	---	<10	---	---	---	---	---	---	---	---	---
		12-02-83	<1	---	10	---	<10	---	---	---	---	---	---	---	---	---
54	2S-35E-28CAAD1	08-10-83	---	---	<20	---	<10	---	---	---	<1	<10	<10	---	---	78
		09-26-83	---	---	<10	---	<10	---	---	---	<1	<10	<10	---	---	93
		10-25-83	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		12-01-83	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS Mg)	SODIUM (MG/L AS Na)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N) (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)				
55	2S-35E-28CCBB1	08-24-83	--	E	552	330	7.7	---	---	---	---	---	2.8	---	---	---	---	---	---	---	---	---	5.1			
		09-27-83			511	313	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.0			
		10-25-83			544	334	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	.4		
		12-02-83			557	318	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.2		
56	2S-35E-28CDDD	08-10-83	93	E	698	401	7.5	---	---	---	---	---	5.3	---	---	---	---	---	---	---	---	---	8.7			
		09-26-83			511	351	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.6		
		10-25-83			541	330	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.2		
		12-01-83			513	311	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.7		
57	2S-35E-28CDDD3	05-27-74*	85M	H	---	364	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
		03-28-79			---	225	7.7	---	180	53	11	12	2.6	0.72	14	35	19	0.02	0.29	<0.1	<0.1	0.01	3.4			
		03-30-79			---	223	7.6	---	176	50	11	12	2.6	.69	12	34	22	.04	.56	<.1	.12	.12	2.1			
		04-02-79			---	218	7.9	---	176	48	14	13	2.9	---	16	34	17	.03	.49	.2	.06	.06	10.2			
		04-04-79			---	229	7.9	---	168	53	9	13	3.0	---	16	---	19	.02	.53	.2	.05	.05	1.6			
		04-06-79			---	231	7.7	---	176	50	12	13	3.0	---	13	35	19	.03	.48	.4	.02	.02	4.3			
		04-09-79			---	229	7.5	---	172	50	12	13	2.9	---	17	36	19	.04	.34	.4	.01	.01	14.1			
		04-11-79			---	225	7.5	---	168	50	13	12	2.7	---	14	34	18	.04	.46	.3	.04	.04	3.5			
		04-16-79			---	226	7.9	---	164	48	12	13	2.7	---	14	35	17	.03	.44	.4	.03	.03	2.6			
		04-18-79			---	232	7.8	---	168	51	11	12	2.7	---	14	35	14	.03	.52	.4	.02	.02	<.5			
		05-31-79			---	232	---	---	---	---	11	12	2.8	---	14	31	---	---	---	---	---	---	---	2.2		
		07-17-79			---	255	---	---	---	---	13	13	---	---	12	33	---	---	---	---	---	---	---	4.2		
		08-29-79			---	---	---	---	---	---	15	12	2.5	---	13	21	---	---	---	---	---	---	---	3.1		
		09-24-79			---	251	---	---	---	---	14	13	2.4	---	13	23	---	---	---	---	---	---	---	<.4		
		09-26-79			---	253	---	---	---	---	13	13	2.5	---	15	27	---	---	---	---	---	---	---	---	3.9	
		10-22-79			---	252	---	---	---	---	14	14	2.6	---	12	29	---	---	---	---	---	---	---	---	<.4	
		E			2S-35E-28CDDD4	03-28-79	--	E	---	257	7.6	---	216	62	12	14	2.7	.71	14	33	22	.07	.60	<.1	.01	2.9
						03-30-79			---	272	7.5	---	204	59	13	14	2.7	.69	28	32	22	.04	.79	<.1	.03	<.4

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
55	2S-35E-28CCBB1	08-24-83	<1	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		09-27-83	1	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		10-25-83	<1	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		12-02-83	<1	---	<10	---	<10	---	---	---	---	---	---	---	---	---
56	2S-35E-28CDDDD	08-10-83	---	---	3260	---	4650	---	---	---	<1	<10	10	---	---	20
		09-26-83	---	---	2920	---	4320	---	---	---	<1	<10	<10	---	---	121
		10-25-83	>80	---	2540	---	3300	---	---	---	---	---	---	---	---	---
		12-01-83	>80	---	1400	---	2760	---	---	---	---	---	---	---	---	---
57	2S-35E-28CDDDD3	05-27-74*	---	---	---	---	---	---	<10	<100	1.7	<10	<10	<5	<1	2852
		03-28-79	---	---	40	---	<10	---	<10	<100	<1	<10	<10	<5	<1	1188
		03-30-79	---	---	30	---	10	---	<10	<100	---	<10	<10	---	---	---
		04-02-79	---	---	20	---	<10	---	---	---	---	---	---	---	---	---
		04-04-79	---	---	20	---	<10	---	---	---	---	---	---	---	---	---
		04-06-79	---	---	10	---	<10	---	---	---	---	---	---	---	---	---
		04-09-79	---	---	20	---	<10	---	---	---	---	---	---	---	---	---
		04-11-79	---	---	10	---	<10	---	---	---	---	---	---	---	---	---
		04-16-79	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	20	---	<10	---	---	---	---	---	---	---	---	---
		05-31-79	---	---	20	---	<10	---	---	---	---	---	---	---	---	---
		07-17-79	---	---	---	80	<10	---	---	---	---	---	---	---	---	---
		08-29-79	---	---	---	---	---	830	---	---	---	---	---	---	---	---
		09-24-79	---	---	240	---	1410	---	---	---	---	---	---	---	---	---
		09-26-79	---	---	20	---	860	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	60	---	690	---	---	---	---	---	---	---	---	---
E	2S-35E-28CDDDD4	03-28-79	---	---	40	---	<10	---	<10	<100	<1	<10	130	<5	<1	1378
		03-30-79	---	---	<10	---	<10	---	<10	<100	<1	<10	10	<5	<1	366

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS NA)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N) (MG/L)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)
E	2S-35E-28CDDD4 (CONTINUED)	04-02-79		E	---	246	7.9	---	188	59	10	14	3.1	---	14	33	21	0.05	0.72	0.3	0.06	<0.4
		04-04-79		E	---	258	7.7	---	196	59	12	14	3.1	---	16	34	21	.03	.70	.6	.10	2.9
		04-06-79		E	---	266	7.6	---	220	58	14	14	3.1	---	15	34	22	.04	.70	.4	.02	4.7
		04-09-79		E	---	260	7.3	---	200	59	14	14	3.1	---	14	35	22	.04	.53	.6	0	11.1
		04-11-79		E	---	262	7.4	---	200	59	15	14	2.7	---	16	30	21	.01	.60	.4	.02	6.5
		04-16-79		E	---	263	7.7	---	200	59	15	---	2.8	---	16	31	---	.14	.63	.3	.04	6.1
		04-18-79		E	---	257	7.6	---	192	59	12	14	2.8	---	16	33	21	.06	.75	.3	.02	4.4
		05-31-79		E	---	273	---	---	---	---	13	13	3.0	---	12	32	---	---	---	---	---	<.4
		07-18-79		E	---	290	---	---	---	---	14	14	---	---	12	42	---	---	---	---	---	3.8
		08-28-79		E	---	---	---	---	---	---	15	13	2.7	---	11	36	---	---	---	---	---	6.6
		09-24-79		E	---	294	---	---	---	---	15	15	2.7	---	11	33	---	---	---	---	---	<.4
		09-26-79		E	---	289	---	---	---	---	14	15	2.6	---	15	34	---	---	---	---	---	3.9
		10-22-79		E	---	270	---	---	---	---	14	15	2.7	---	10	35	---	---	---	---	---	<.4
58	2S-35E-28DBAA1	05-31-79	90R	E	---	232	---	---	---	---	9.5	10	2.5	---	12	28	---	---	---	---	---	.4
59	2S-35E-28DBCD1	05-06-74*	85	H	---	---	---	152	160	43	15	9	2.1	---	9	23	---	---	---	---	---	---
		05-09-74*		H	---	---	---	160	188	45	18	12	2.4	---	4	31	---	---	---	---	---	---
		05-21-74*		H	---	---	---	192	188	47	20	10	2.8	---	2	28	---	---	---	---	---	---
		05-23-74*		H	---	---	---	180	200	56	15	9	2.8	---	2	28	---	---	---	---	---	---
		05-30-74*		H	---	---	---	160	200	47	18	9	2.1	---	10	---	---	---	---	---	---	---
		06-05-74*		H	---	288	---	156	172	44	17	10	2.3	---	4	---	---	---	---	---	---	---
		04-29-76*		H	---	---	---	152	170	50	11	1.4	8.4	---	9	38	---	---	---	---	---	---
		03-28-79		E	---	224	7.8	---	164	50	11	11	2.5	---	16	32	20	.02	.52	.3	0	1.7
		03-30-79		E	---	222	7.4	---	184	51	10	---	2.2	---	16	33	22	.03	.60	.3	.01	3.4
		04-02-79		E	---	209	7.9	---	160	51	8	12	2.8	---	12	33	19	.04	.47	<.1	.05	<.4
		04-04-79		E	---	224	7.7	---	192	51	16	12	2.8	---	12	35	18	.02	.53	.1	.07	1.2
		04-06-79		E	---	217	7.7	---	160	51	11	12	2.8	---	12	35	20	.03	.44	.4	.01	7.3

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
E	2S-35E-28CDD4 (CONTINUED)	04-02-79	--	--	20	--	<10	--	--	--	--	--	--	--	--	--
		04-04-79	--	--	20	--	<10	--	--	--	--	--	--	--	--	--
		04-06-79	--	--	20	--	<10	--	--	--	--	--	--	--	--	--
		04-09-79	--	--	10	--	<10	--	--	--	--	--	--	--	--	--
		04-11-79	--	--	<10	--	<10	--	--	--	--	--	--	--	--	--
		04-16-79	--	--	50	--	<10	--	--	--	--	--	--	--	--	--
		04-18-79	--	--	40	--	<10	--	--	--	--	--	--	--	--	--
		05-31-79	--	--	10	--	<10	10	--	--	--	--	--	--	--	--
		07-18-79	--	--	--	10	--	--	--	--	--	--	--	--	--	--
		08-28-79	--	--	20	--	<10	--	--	--	--	--	--	--	--	--
		09-24-79	--	--	<10	--	<10	--	--	--	--	--	--	--	--	--
		09-26-79	--	--	10	--	<10	--	--	--	--	--	--	--	--	--
		10-22-79	--	--	30	--	<10	--	--	--	--	--	--	--	--	--
58	2S-35E-28DBA1	05-31-79	--	--	40	--	<10	--	--	--	--	--	--	--	--	--
59	2S-35E-28DBC1	05-06-74*	<2	--	--	--	--	--	--	--	--	--	--	--	--	--
		05-09-74*	<2	--	--	--	--	--	--	--	--	--	--	--	--	--
		05-21-74*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		05-23-74*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		05-30-74*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		06-05-74*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		04-29-76*	<1	<1	80	--	<10	--	--	--	--	--	--	--	--	--
		03-28-79	--	--	50	--	<10	--	<10	<100	<1	<10	<10	<5	<1	48
		03-30-79	--	--	10	--	<10	--	<10	<100	<1	<10	130	<5	<1	152
		04-02-79	--	--	70	--	10	--	--	--	--	--	--	--	--	--
		04-04-79	--	--	20	--	<10	--	--	--	--	--	--	--	--	--
		04-06-79	--	--	10	--	<10	--	--	--	--	--	--	--	--	--

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS Mg)	SODIUM (MG/L AS Na)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS Cl)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N) (MG/L)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)
59	2S-35E-28BCD1 (CONTINUED)	04-09-79		E	---	211	7.5	---	188	50	11	11	2.8	---	78	35	20	0.02	0.48	<0.1	0.01	13.2
		04-11-79		E	---	216	7.5	---	172	48	11	12	2.5	---	14	32	18	---	.39	.4	.02	3.5
		04-16-79		E	---	217	7.9	---	176	51	12	12	2.5	---	14	31	19	.05	.41	.31	.02	9.9
		04-18-79		E	---	217	7.8	---	176	51	10	12	2.6	---	14	35	20	.06	.51	.41	.02	.48
		05-31-79		E	---	239	---	---	---	---	12	12	2.8	---	14	29	---	---	---	---	---	---
		07-17-79		E	---	264	---	---	---	---	12	12	---	---	10	33	---	---	---	---	---	---
		08-29-79		E	---	---	---	---	---	---	11	11	2.2	---	11	30	---	---	---	---	---	---
		09-24-79		E	---	258	---	---	---	---	13	13	2.3	---	11	25	---	---	---	---	---	---
		09-26-79		E	---	253	---	---	---	---	10	12	2.4	---	11	30	---	---	---	---	---	---
		10-22-79		E	---	247	---	---	---	---	12	13	2.5	---	10	28	---	---	---	---	---	---
F	2S-35E-29CBA1	07-25-79	--	B	475	---	7.6	179	204	---	---	---	---	---	---	---	---	1.56	---	---	---	---
		08-22-79		B	500	---	8.0	---	---	---	---	---	---	---	---	---	---	2.60	---	---	---	---
		01-07-80		B	500	---	7.6	---	---	---	---	---	---	---	---	---	---	2.45	---	---	---	---
		02-06-80		B	550	---	7.6	---	---	---	---	---	---	---	---	---	---	1.50	---	---	---	---
G	2S-35E-31BAD1	07-20-79	87	B	475	---	---	193	232	---	---	---	---	---	15	---	---	1.39	---	---	---	---
		08-20-79		B	500	---	7.9	---	---	---	---	---	---	---	---	---	---	1.13	---	---	---	---
		01-03-80		B	400	---	7.1	---	---	---	---	---	---	---	---	---	---	3.13	---	---	---	---
		02-05-80		B	450	---	7.2	---	---	---	---	---	---	---	---	---	---	1.48	---	---	---	---
H	2S-35E-31CDD1	07-20-79	105	B	475	---	---	183	212	---	---	---	---	---	12	---	---	.83	---	---	---	---
		08-20-79		B	500	---	7.9	---	---	---	---	---	---	---	---	---	---	.96	---	---	---	---
		12-31-79		B	520	---	7.3	---	---	---	---	---	---	---	---	---	---	2.48	---	---	---	---
		01-30-80		B	---	---	---	---	---	---	---	---	---	---	---	---	---	.75	---	---	---	---
I	2S-35E-31DDC2	02-16-79	125	B	455	---	---	179	212	---	---	---	---	---	13	---	---	.93	---	---	---	---
		04-11-79		B	475	---	7.7	181	220	---	---	---	---	---	12	---	---	.85	---	---	---	---
		05-08-79		B	425	---	7.9	166	196	---	---	---	---	---	14	---	---	.74	---	---	---	---
		06-06-79		B	450	---	7.6	175	200	---	---	---	---	---	16	---	---	.48	---	---	---	---
		07-12-79		B	450	---	7.6	184	216	---	---	---	---	---	14	---	---	.67	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
59	2S-35E-28DBC01 (CONTINUED)	04-09-79	---	---	10	---	<10	---	---	---	---	---	---	---	---	---
		04-11-79	---	---	20	---	<10	---	---	---	---	---	---	---	---	---
		04-16-79	---	---	30	---	10	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	20	---	<10	---	---	---	---	---	---	---	---	---
		05-31-79	---	---	10	---	<10	---	---	---	---	---	---	---	---	---
		07-17-79	---	---	---	20	<10	---	---	---	---	---	---	---	---	---
		08-29-79	---	---	110	---	20	---	---	---	---	---	---	---	---	---
		09-24-79	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		09-26-79	---	---	510	---	10	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	480	---	30	---	---	---	---	---	---	---	---	---
F	2S-35E-29CBA1	07-25-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-22-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		01-07-80	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		02-06-80	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G	2S-35E-31BAD1	07-20-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-20-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		01-03-80	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		02-05-80	---	---	---	---	---	---	---	---	---	---	---	---	---	---
H	2S-35E-31CDD1	07-20-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-20-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		12-31-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		01-30-80	---	---	---	---	---	---	---	---	---	---	---	---	---	---
I	2S-35E-31DDC2	02-16-79	<1	<1	130	---	10	---	---	---	---	---	---	---	---	---
		04-11-79	<1	<1	20	---	10	---	---	---	---	---	---	---	---	---
		05-08-79	<1	<1	50	---	<10	---	---	---	---	---	---	---	---	---
		06-06-79	<1	<1	60	---	10	---	---	---	---	---	---	---	---	---
		07-12-79	<1	<1	<10	---	<10	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS NA)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N) (MG/L)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)	
I	2S-35E-31DDC2 (CONTINUED)	08-20-79 12-27-79 01-30-80		B B B	575 500 500	---	7.8 7.3 7.4	---	---	---	---	---	---	---	---	---	---	---	1.13 1.87 1.31	---	---	---	---
65	2S-35E-32AAB1	02-16-79 03-07-79 04-11-79 05-09-79 06-06-79 07-12-79 08-17-79 12-27-79 01-03-80	83	B B B B B B B B B	430 410 425 395 510 500 500 450 500	---	---	167 171 204 182 177 187 236 ---	200 200 204 204 228 236 ---	---	---	---	---	---	13 12 14 16 14 18 ---	---	---	.93 .85 .74 .48 .67 2.17 1.66 1.28 .74	---	---	---	---	
J	2S-35E-32ABB1	08-24-83 09-29-83 10-25-83 12-02-83	--	E E E E	547 511 473 477	318 306 299 295	7.3 7.3 7.7 7.4	---	---	---	---	---	4.6 5.2 4.0 3.8	---	---	---	---	---	---	---	---	3.7 7.5 .8 2.0	
66	2S-35E-32ABCC1	03-22-79 09-12-79	73M	H E	--- ---	250 229	--- ---	---	---	---	12	15	---	0.74 ---	24 16	32 26	---	---	---	---	---	2.5	
K	2S-35E-32ACC2	04-21-61*	75R	H	---	310	7.6	170	206	60	15	18	---	.73	15	45	---	---	---	---	---	---	
L	2S-35E-32ACC3	12-04-7* 04-19-61* 05-05-78 10-23-78 11-13-78 02-20-79	--	H H H H H H	--- --- --- --- --- ---	290 310 263 --- --- ---	7.4 8.2 --- 7.4 ---	162 166 167 --- ---	220 208 212 --- ---	62 61 ---	13 15 ---	12 18 ---	---	.90 .73 2.2 ---	9 15 19 16 19	26 45 33 ---	---	---	<0.4 .32	---	0.87 .10 .48		

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
I	2S-35E-31DDC2 (CONTINUED)	08-20-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		12-27-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		01-30-80	---	---	---	---	---	---	---	---	---	---	---	---	---	---
65	2S-35E-32AAB1	02-16-79	<1	<1	130	---	10	---	---	---	---	---	---	---	---	---
		03-07-79	<1	<1	20	---	10	---	---	---	---	---	---	---	---	---
		04-11-79	<1	<1	50	---	<10	---	---	---	---	---	---	---	---	---
		05-09-79	<1	<1	60	---	10	---	---	---	---	---	---	---	---	---
		06-06-79	<1	<1	<10	---	<10	---	---	---	---	---	---	---	---	---
		07-12-79	<1	<1	<10	---	<10	---	---	---	---	---	---	---	---	---
		08-17-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		12-27-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
J	2S-35E-32ABB1	01-03-80	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-24-83	<1	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		09-29-83	TNTC	---	20	---	<10	---	---	---	---	---	---	---	---	---
		10-25-83	<1	---	<10	---	<10	---	---	---	---	---	---	---	---	---
66	2S-35E-32ABCC1	12-02-83	<1	---	<20	---	<10	---	---	---	---	---	---	---	---	---
		03-22-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
K	2S-35E-32ACC2	09-12-79	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		04-21-61*	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
L	2S-35E-32ACC3	12-04-79*	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		04-19-61*	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		05-05-78	<1	---	10	---	<10	---	---	---	---	---	---	---	---	---
		10-23-78	---	---	20	---	<10	---	---	---	---	---	---	---	---	---
		11-13-78	---	---	30	---	10	---	---	---	---	---	---	---	---	---
		02-20-79	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS NA)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N) (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)
72	2S-35E-32ADDC1	05-06-74*	80	H	---	---	---	144	156	34	17	11	2.4	---	9	27	---	---	---	---	---	9.2
		05-09-74*		H	---	---	---	146	152	51	6	11	2.4	---	2	22	---	---	---	---	---	6.0
		05-16-74*		H	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	24.8
		05-21-74*		H	---	---	---	160	160	40	16	10	2.8	---	4	20	---	---	---	---	---	14
		05-23-74*		H	---	---	---	168	168	38	17	10	2.6	---	6	18	---	---	---	---	---	10
		05-30-74*		H	---	---	---	132	160	41	15	8	3.2	---	14	---	---	---	---	---	---	23
		06-05-74*		H	---	284	---	96	120	30	11	8	2.1	---	15	---	---	---	---	---	---	5
76	2S-35E-32CAD1	08-24-83	--	E	497	291	7.4	---	---	---	---	---	3.1	---	---	---	---	---	---	---	---	3.3
		09-27-83		E	488	291	7.4	---	---	---	---	---	3.3	---	---	---	---	---	---	---	---	2.0
		10-25-83		E	483	311	7.5	---	---	---	---	---	2.8	---	---	---	---	---	---	---	---	4
		12-02-83		E	479	284	7.4	---	---	---	---	---	3.8	---	---	---	---	---	---	---	---	<.2
M	2S-35E-32CDC1	09-22-83	--	E	---	---	---	---	---	---	---	---	3.8	---	---	---	---	---	---	---	---	23.3
		10-26-83		E	469	278	7.5	---	---	---	---	---	3.4	---	---	---	---	---	---	---	---	2.0
		12-02-83		E	408	246	7.4	---	---	---	---	---	2.9	---	---	---	---	---	---	---	---	2.0
N	2S-35E-32CDD2	06-15-78	--	B	---	---	---	---	188	56	12	12	2.7	0.74	14	---	---	0.02	<0.01	---	---	---
		06-23-78		B	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		07-10-78		B	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		07-24-78		B	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-01-78		B	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-07-78		B	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
O	2S-35E-32CDD3	04-27-78	65	H	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-01-78		H	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-12-78		H	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		07-20-78		H	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-07-78		H	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-21-78		H	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
72	2S-35E-32ADDC1	05-06-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-09-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-16-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-21-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-23-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-30-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		06-05-74*	---	---	---	---	---	---	---	---	---	---	---	---	---	---
76	2S-35E-32CAD1	08-24-83	---	---	70	---	<10	---	---	---	---	---	---	---	---	---
		09-27-83	4	---	420	---	10	---	---	---	---	---	---	---	---	---
		10-25-83	57	---	640	---	4700	---	---	---	---	---	---	---	---	---
		12-02-83	<1	---	40	---	<10	---	---	---	---	---	---	---	---	---
M	2S-35E-32CDC1	09-22-83	---	---	---	1140	---	8200	---	---	---	---	---	---	---	---
		10-26-83	62	---	7100	---	60	---	---	---	---	---	---	---	---	---
		12-02-83	13	---	480	---	3900	---	---	---	---	---	---	---	---	---
N	2S-35E-32CDD2	06-13-78	---	---	240	---	760	---	<10	<100	<1	<10	<10	<5	<1	143
		06-23-78	17	---	---	---	---	---	---	---	---	---	---	---	---	---
		07-10-78	<1	---	---	---	---	---	---	---	---	---	---	---	---	---
		07-24-78	5	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-01-78	22	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-07-78	18	---	---	---	---	---	---	---	---	---	---	---	---	---
O	2S-35E-32CDD3	04-27-78	>80	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-01-78	>80	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-12-78	68	<2	---	---	---	---	---	---	---	---	---	---	---	---
		07-20-78	<1	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-07-78	2	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-21-78	<1	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS Na)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N) (MG/L)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)		
85	2S-35E-32DACA1	04-04-79	110	E	---	394	7.8	---	308	83	24	29	4.3	---	22	---	22	22	---	0.07	0.8	0.27	36.7	
		04-06-79			---	367	7.6	---	304	78	21	27	4.0	---	19	19	23	---	.32	1.2	.17	37.6		
		04-09-79			---	334	7.4	---	248	69	17	23	4.0	---	28	24	23	---	.47	.9	.19	15.4		
		04-11-79			---	312	7.3	---	252	66	18	22	3.5	---	24	28	13	---	.91	1.89	.23	14.7		
		04-16-79			---	292	7.5	---	200	61	18	20	3.6	---	22	35	20	---	1.64	1.13	.16	10.4		
		04-18-79			---	284	7.5	---	212	61	14	19	3.6	---	22	35	22	---	2.37	1.34	.16	<.5		
		05-03-79			---	300	---	---	---	---	15	23	3.5	---	24	25	---	---	---	---	---	<.4		
		07-17-79			---	---	---	---	---	---	12	16	---	---	12	30	---	---	---	---	---	2.1		
		08-29-79			---	---	---	---	---	---	17	21	---	---	15	11	---	---	---	---	---	3.5		
		09-24-79			---	282	---	---	---	---	15	22	---	---	15	22	---	---	---	---	---	<.4		
		09-26-79			---	278	---	---	---	---	15	21	---	---	13	24	---	---	---	---	---	3.3		
		10-22-79			---	280	---	---	---	---	15	21	2.9	---	15	33	---	---	---	---	---	---	<.4	
86	2S-35E-32DADA1	04-19-61*	80R	H	---	310	7.8	160	204	60	15	20	---	0.84	15	45	---	---	---	---	---	---	---	
		05-03-78			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-05-78			---	303	---	201	252	---	---	---	2.7	---	17	35	---	---	---	---	1.88	---	---	<.4
		10-23-78			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		11-13-78			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	.48	---
P1	2S-35E-32DBA1	02-20-79	---	H	---	---	---	---	---	---	---	---	---	---	18	---	---	---	---	---	.28	---	---	
		07-02-80			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		01-12-65*			---	295	7.8	---	250	62	23	20	---	1.34	17	42	---	---	---	---	---	---	---	---
		04-04-79			---	258	7.7	---	196	58	15	13	2.8	.67	16	39	19	.05	.72	<.10	.07	.4		
		04-06-79			---	257	7.6	---	192	56	14	13	2.7	---	15	37	18	.06	.57	.70	.01	9.8		
		04-09-79			---	259	7.5	---	208	56	15	13	3.3	---	17	37	19	.03	.59	.40	.01	14.5		
		04-11-79			---	255	7.3	---	192	56	16	13	2.8	---	16	35	18	.02	.47	.38	.07	3.5		
		04-16-79			---	255	7.7	---	196	54	15	13	2.9	---	16	35	17	.02	.50	.41	.03	4.75		
		04-18-79			---	257	7.7	---	196	54	14	13	2.8	---	16	36	20	.06	.58	.31	.02	2.91		
		06-01-79			---	227	---	---	---	---	12	12	2.9	---	14	---	30	---	---	---	---	---	<.4	4.7
08-29-79	---	---	---	---	---	---	16	13	3.3	---	13	---	---	---	---	---	---	---	---	---	---			

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
85	2S-35E-32DACA1	04-04-79	---	---	880	---	3540	---	---	---	---	---	---	---	---	---
		04-06-79	---	---	660	---	3640	---	---	---	---	---	---	---	---	---
		04-09-79	---	---	1320	---	2790	---	---	---	---	---	---	---	---	---
		04-11-79	---	---	360	---	2320	---	---	---	---	---	---	---	---	---
		04-16-79	---	---	270	---	1370	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	180	---	1300	---	---	---	---	---	---	---	---	---
		05-03-79	---	---	330	---	2010	---	---	---	---	---	---	---	---	---
		07-17-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-29-79	---	---	320	---	2360	---	---	---	---	---	---	---	---	---
		09-24-79	---	---	400	---	2010	---	---	---	---	---	---	---	---	---
86	2S-35E-32DADA1	09-26-79	---	---	760	---	1950	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	260	---	1840	---	---	---	---	---	---	---	---	---
		04-19-61*	---	---	0	---	0	---	---	---	---	---	---	---	---	---
		05-03-78	<1	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-05-78	---	---	30	---	<10	---	---	---	---	---	---	---	---	---
		10-23-78	<1	<1	40	---	<10	---	---	---	---	---	---	---	---	---
		11-13-78	---	---	70	---	<10	---	---	---	---	---	---	---	---	---
		02-20-79	<1	<1	<10	---	<10	---	---	---	---	---	---	---	---	---
		07-02-80	---	---	230	---	460	---	---	---	---	---	---	---	---	---
		01-12-65*	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
P1	2S-35E-32DBA1	04-04-79	---	---	<10	---	<10	---	<10	<100	<1	<10	<10	<5	<1	6
		04-06-79	---	---	20	---	<10	---	<10	<100	<1	<10	50	<5	<1	86
		04-09-79	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		04-11-79	---	---	1060	---	30	---	---	---	---	---	---	---	---	---
		04-16-79	---	---	30	---	10	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	20	---	<10	---	---	---	---	---	---	---	---	---
		06-01-79	---	---	10	---	<10	---	---	---	---	---	---	---	---	---
		08-29-79	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS Na)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA (MG/L AS N) + ORGANIC (AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)	
P1	2S-35E-32DBA1 (CONTINUED)	09-24-79		H	--	292	--	--	--	--	16	15	3.3	--	15	--	31	--	--	--	--	--	1.23
		09-26-79		H	--	285	--	--	--	--	16	15	3.5	--	11	--	33	--	--	--	--	--	2.3
		10-22-79		H	--	292	--	--	--	--	17	16	3.8	--	10	--	36	--	--	--	--	--	<.42
P2	2S-35E-32DBA2	01-18-65*	--	H	--	290	8.1	169	210	54	18	19	--	1.46	15	43	--	--	--	--	--	--	
		06-01-79		H	--	279	--	--	208	61	15	13	3.5	.76	16	--	21	--	--	1.56	--	--	9.2
88	2S-35E-32DBCA1	01-12-65*	155	H	--	290	8.1	189	232	55	23	18	--	1.11	15	47	--	--	--	--	--	--	
90	2S-35E-32DCCA2	04-21-78	100	H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		05-01-78		H	--	--	--	--	--	--	--	15	--	--	--	--	--	--	--	--	--	--	--
		05-05-78		H	--	265	--	--	170	220	--	--	--	2.0	--	17	44	--	--	--	--	--	--
		06-15-78		H	--	--	--	--	--	252	72	18	13	2.6	.78	14	--	--	--	.27	--	--	<.4
		10-23-78		H	--	--	--	--	--	--	--	--	--	--	--	12	--	--	--	<.01	--	--	--
		11-13-78		H	--	--	--	--	--	--	--	--	--	--	--	17	--	--	--	--	0.78	--	--
		12-28-78		H	--	--	--	--	--	--	--	--	--	--	--	10	--	--	--	--	.20	--	--
		02-20-79		H	--	--	--	--	--	--	--	--	--	--	--	14	--	--	--	--	.62	--	--
		08-24-83		E	355	210	7.4	--	--	--	--	--	--	2.3	--	--	--	--	--	--	.38	--	2.5
		10-25-83		E	340	203	7.8	--	--	--	--	--	--	2.5	--	--	--	--	--	--	--	--	.8
92	2S-35E-32DCCC1	12-02-83		E	380	208	7.3	--	--	--	--	--	2.8	--	--	--	--	--	--	--	--	--	2.0
		05-01-78	--	H	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		05-05-78		H	--	268	--	--	177	204	--	--	--	1.9	--	15	40	--	--	.20	--	--	<.4
		06-15-78		H	--	--	--	--	220	64	15	13	2.6	.73	14	--	--	--	--	<.01	--	--	--
		10-23-78		H	--	--	--	--	--	--	--	--	--	--	--	12	--	--	--	--	1.17	--	--
		11-13-78		H	--	--	--	--	--	--	--	--	--	--	18	--	--	--	--	--	--	--	--
		02-20-79		H	--	--	--	--	--	--	--	--	--	--	--	14	--	--	--	--	.20	--	--
				H	--	--	--	--	--	--	--	--	--	--	14	--	--	--	--	.38	--	--	

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
P1	2S-35E-32DBA1 (CONTINUED)	09-24-79	---	---	250	---	30	---	---	---	---	---	---	---	---	---
		09-26-79	---	---	20	---	10	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	50	---	<10	---	---	---	---	---	---	---	---	---
		01-18-65*	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
P2	2S-35E-32DBA2	06-01-79	---	---	90	---	<10	---	<10	<100	<1	<10	<10	<5	<1	36
88	2S-35E-32DBCA1	01-12-65*	---	---	12	---	<10	---	---	---	---	---	---	---	---	---
90	2S-35E-32DCCA2	04-21-78	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-01-78	<2	300	200	---	1350	---	---	---	---	---	---	---	---	---
		05-05-78	---	---	40	---	760	---	---	---	---	---	---	---	---	---
		06-15-78	<2	200	40	---	3720	---	<10	<100	<1	<10	<10	<5	<1	90
		10-23-78	---	---	20	---	50	---	---	---	---	---	---	---	---	---
		11-13-78	---	---	20	---	40	---	---	---	---	---	---	---	---	---
		12-28-78	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		02-20-79	<2	<2	20	---	<10	---	---	---	---	---	---	---	---	---
		08-24-83	>80	---	10	---	<10	---	---	---	---	---	---	---	---	---
		10-25-83	6	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		12-02-83	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
92	2S-35E-32DCCC1	05-01-78	<2	1600	780	---	1790	---	---	---	---	---	---	---	---	---
		05-05-78	---	---	160	---	1070	---	---	---	---	---	---	---	---	---
		06-15-78	---	---	700	---	2080	---	<10	<100	<1	<10	<10	<5	<1	108
		10-23-78	<1	<1	30	---	<10	---	---	---	---	---	---	---	---	---
		11-13-78	---	---	20	---	<10	---	---	---	---	---	---	---	---	---
		02-20-79	---	---	40	---	<10	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS Na)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N) (MG/L)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)	
94	2S-35E-32DDCB1	04-19-61* 03-24-77	76R	H	---	340 271	7.9	---	244	66	22	20	---	0.62 .76	15 13	46 28	---	---	---	---	---	---	
95	2S-35E-33ABAD1	05-06-74* 05-09-74* 05-21-74* 05-23-74* 05-30-74* 04-30-76* 03-28-79 03-30-79 04-02-79 04-04-79 04-06-79 04-09-79 04-11-79 04-16-79 04-18-79 06-01-79 09-26-79 10-22-79 03-29-82 08-10-83 09-27-83 11-07-83	61	H H H H H H E E E E E E E E E E E E E E E E	---	---	---	152 170 304 304 248 152 ---	180 188 200 348 252 176 ---	49 46 25 96 56 51 ---	15 18 29 31 28 11 ---	8 9 11 13 10 11 ---	2.1 2.6 3.2 3.5 3.5 1.1 ---	---	9 3 9 4 10 9 ---	21 22 28 21 ---	---	---	---	---	---	---	
					---	883 889 811 791 735 736 698 669 690 525 316 290 ---	7.4 7.1 7.7 7.7 --- 7.2 7.2 7.5 7.3 --- --- ---	---	604 592 536 516 500 512 492 500 512 ---	157 168 152 136 138 134 134 141 ---	34 35 38 43 33 --- 36 34 31 28 17 ---	76 68 70 67 61 57 54 54 64 43 23 22 ---	13 13 13 12 10 9 8 8 9 4 4 ---	.52 .43 --- --- --- --- --- --- --- --- --- ---	26 24 24 22 23 24 24 24 13 12 32 ---	<10 <10 10 11 6 11 14 15 19 23 13 ---	32 31 27 26 26 27 24 24 26 ---	0.45 .43 .34 .30 .28 .31 .27 .29 .22 ---	.16 .23 <.01 .01 0 .03 .01 .02 <.01 ---	1.70 1.90 1.3 1.4 1.5 1.3 1.7 1.0 .62 ---	0.20 .19 .16 .21 .11 .09 .11 .11 .09 ---	275 271 239 235 186 170 163 139 165 70.8 ---	
					---	1208 543 366	7.0 7.2 7.2	566 ---	---	---	---	---	75 28 14	---	---	---	---	---	4.17 ---	---	---	---	2.53 18.1 211 7.9 6.3

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
94	2S-35E-32DDCB1	04-19-61* 03-24-77	---	---	0	---	---	0	---	---	---	---	---	---	---	---
95	2S-35E-33ABAD1	05-06-74* 05-09-74* 05-21-74* 05-23-74* 05-30-74* 04-30-76* 03-28-79 03-30-79 04-02-79 04-04-79 04-06-79 04-09-79 04-11-79 04-16-79 04-18-79 06-01-79 09-26-79 10-22-79 03-29-82 08-10-83 09-27-83 11-07-83	<2 12 4 12 2 --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---	---	12700 11200 10600 10500 9640 8600 9320 10200 9340 13100 4690 4250 8800 11430 10850 ---	13850 14600 12600 13200 12300 10100 9050 9350 12000 3880 3340 7250 1200 8010 ---	---	27 14 ---	500 400 ---	<1 <1 ---	<10 10 ---	<5 5 ---	<1 1 ---	25 42 ---		

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS Na)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA (MG/L AS N) + ORGANIC (AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)		
96	25-35E-33BBD1	05-06-74*	40	H	---	---	---	152	176	50	16	10	2.3	---	6	27	---	---	---	---	---	---	---	
		05-09-74*		H	---	---	---	160	172	50	12	12	2.7	---	3	25	---	---	---	---	---	---	---	
		05-21-74*		H	---	---	---	172	192	47	19	10	3.1	---	4	20	---	---	---	---	---	---	---	
		05-23-74*		H	---	---	---	160	152	42	15	9	3.3	---	6	19	---	---	---	---	---	---	---	
		05-30-74*		H	---	---	---	136	140	38	13	7	1.6	---	---	---	---	---	---	---	---	---	---	
		06-05-74*		H	---	---	---	144	156	43	13	11	2.5	---	---	---	---	---	---	---	---	---	---	
		04-29-76*		H	---	---	---	160	198	54	12	9	1.6	---	---	8.5	37	---	---	---	---	---	---	
		03-16-77		H	---	---	---	---	---	---	---	---	16	2.8	---	---	---	---	---	---	---	---	---	
		03-28-79		E	---	299	7.7	---	---	240	66	16	23	3.1	---	20	36	20	0.04	0.37	0.4	0.01	0.4	
		03-30-79		E	---	320	7.5	---	---	268	69	16	25	3.2	---	20	36	20	.03	.25	.6	.04	2.1	
		04-02-79		E	---	320	8.0	---	---	248	69	19	25	3.7	---	24	35	19	.34	.23	.6	.11	.4	
		04-04-79		E	---	358	---	---	---	264	74	20	27	3.7	---	22	37	18	.08	.09	.3	.09	<.4	
		04-06-79		E	---	346	---	---	---	256	72	20	27	3.7	---	20	30	19	.03	.07	.3	.04	7.7	
		04-09-79		E	---	360	---	---	---	296	75	19	29	3.7	---	23	28	19	.04	0	.4	.05	15.4	
		04-11-79		E	---	364	---	---	---	336	77	21	29	3.5	---	20	27	17	.08	0	.9	.10	4.3	
		04-16-79		E	---	380	---	---	---	296	85	20	31	3.7	---	24	24	19	.04	0	.4	.04	15.1	
		04-18-79		E	---	360	---	---	---	280	82	18	31	3.6	---	22	25	18	.04	.05	.4	.03	6.3	
		05-31-79		E	---	272	---	---	---	---	---	15	24	3.6	20	20	18	---	---	---	---	---	---	2.6
		07-18-79		E	---	276	---	---	---	---	---	13	22	---	15	15	23	---	---	---	---	---	---	2.1
		09-24-79		E	---	269	---	---	---	---	---	14	20	3.2	17	17	23	---	---	---	---	---	---	<.4
09-26-79		E	---	276	---	---	---	---	---	13	20	3.2	15	15	25	---	---	---	---	---	---	4.3		
10-22-79		E	---	256	---	---	---	---	---	13	20	3.2	12	12	29	---	---	---	---	---	---	<.4		
08-10-83	82 NEW WELL	E	---	299	7.4	---	---	---	---	---	---	4.6	---	---	---	---	---	---	---	---	---	4.1		
09-26-83		E	---	441	317	7.3	---	---	---	---	---	---	5.2	---	---	---	---	---	---	---	---	.4		
10-25-83		E	---	503	310	7.7	---	---	---	---	---	---	5.1	---	---	---	---	---	---	---	---	2.4		
12-01-83		E	---	479	283	7.4	---	---	---	---	---	---	5.9	---	---	---	---	---	---	---	---	2.8		

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
96	2S-35E-33BBD1	05-06-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-09-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-21-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-23-74*	28	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-30-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		06-05-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		04-29-76*	<1	---	---	---	---	---	---	---	---	---	---	---	---	---
		03-16-77	---	---	20	---	<10	---	---	---	---	---	---	---	---	---
		03-28-79	---	---	40	---	20	---	---	---	---	---	---	---	---	450
		03-30-79	---	---	50	---	160	---	---	---	---	---	---	---	---	214
		04-02-79	---	---	60	---	1100	---	---	---	---	---	---	---	---	---
		04-04-79	---	---	60	---	2350	---	---	---	---	---	---	---	---	---
		04-06-79	---	---	290	---	3210	---	---	---	---	---	---	---	---	---
		04-09-79	---	---	60	---	3380	---	---	---	---	---	---	---	---	---
		04-11-79	---	---	170	---	3820	---	---	---	---	---	---	---	---	---
		04-16-79	---	---	650	---	3680	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	500	---	4140	---	---	---	---	---	---	---	---	---
		05-31-79	---	---	110	---	1910	---	---	---	---	---	---	---	---	---
		07-18-79	---	---	---	170	---	1370	---	---	---	---	---	---	---	---
		09-24-79	---	---	160	---	220	---	---	---	---	---	---	---	---	---
		09-26-79	---	---	20	---	150	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	20	---	100	---	---	---	---	---	---	---	---	---
		08-10-83	---	---	290	---	1460	---	---	---	---	---	---	---	---	59
		09-26-83	---	---	190	---	1990	---	---	---	<1	<10	<10	---	---	157
		10-25-83	---	---	3430	---	2190	---	---	---	<1	<10	<10	---	---	---
		12-01-83	---	---	1740	---	2050	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS NA)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA (MG/L AS N) + ORGANIC (AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)			
97	2S-35E-33BADB1	05-06-74*	60	H	---	---	---	196	196	47	19	13	2.5	---	9	19	---	---	---	---	---	---	---		
		05-09-74*			---	---	---	188	213	54	20	13	2.7	---	2	17	---	---	---	---	---	---	---		
		05-21-74*			---	---	---	252	196	40	20	13	2.8	---	5	9	---	---	---	---	---	---	---	---	
		05-23-74*			---	---	---	196	196	50	19	10	3.2	---	6	8	---	---	---	---	---	---	---	---	
		05-30-74*			---	---	---	180	172	40	13	8	1.7	---	12	---	---	---	---	---	---	---	---	---	
		04-30-76*			---	---	---	192	220	64	14	15	2.4	---	13	47	---	---	---	---	---	---	---	---	
		03-28-79			---	485	7.6	---	---	---	282	98	30	55	3.7	0.65	12	54	26	0.05	4.98	0.5	0.03	1.3	
		03-30-79			---	521	7.3	---	---	---	392	104	22	67	3.8	.64	34	54	21	.02	4.34	.8	.04	12.2	
		04-02-79			---	612	7.9	---	---	---	396	115	26	84	4.7	---	40	57	19	.03	5.27	.7	.07	11.8	
		04-04-79			---	648	7.7	---	---	---	412	118	28	82	4.8	---	42	---	---	.03	4.30	1.1	.09	15.5	
		04-06-79			---	657	7.4	---	---	---	412	120	28	94	4.8	---	35	57	20	.05	4.51	.9	.03	40.6	
		04-09-79			---	679	7.3	---	---	---	456	128	29	87	4.9	---	42	56	21	.05	3.49	1.5	.03	38.9	
		04-11-79			---	657	7.3	---	---	---	440	126	30	86	4.5	---	42	48	20	.04	2.67	.75	.05	25.0	
		04-16-79			---	639	7.5	---	---	---	428	123	30	84	4.3	---	38	46	---	.04	2.64	.93	.05	44.9	
		04-18-79			---	620	7.5	---	---	---	416	117	25	83	4.4	---	38	43	---	.04	1.30	.52	.04	32.5	
		06-01-79			---	304	---	---	---	---	---	16	43	3.3	3.3	24	20	---	---	---	---	---	---	2.6	
		09-26-79			---	281	---	---	---	---	---	15	30	2.4	17	17	---	---	---	---	---	---	---	3.3	
		10-22-79			---	273	---	---	---	---	---	15	27	2.6	12	29	---	---	---	---	---	---	---	<.4	
		03-29-82			---	352	---	---	---	---	---	---	---	---	20	22	---	---	---	---	---	---	---	---	2.3
		08-10-83			---	365	7.5	---	---	---	254	---	---	---	---	6.1	---	---	---	---	---	---	---	---	3.7
09-27-83	---	358	7.4	---	---	---	---	---	---	---	---	6.0	---	---	---	---	---	---	---	---	5.6				
11-07-83	---	320	7.4	---	---	---	---	---	---	---	---	5.9	---	---	---	---	---	---	---	---	5				
99	2S-35E-33BCBD1	04-26-76*	80R	H	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
		04-29-76*			---	---	---	172	---	56	12	11	1.5	---	11	44	---	---	---	---	---	---	---	---	
		03-28-79			---	241	7.9	---	220	56	13	16	2.4	.73	16	37	---	.06	.24	.6	.02	1.3			
		03-30-79			---	252	7.7	---	188	59	12	16	2.5	---	18	35	19	.05	.28	.2	.04	3.4			
		04-02-79			---	245	8.0	---	196	56	14	17	2.9	---	18	35	16	.02	.36	<.1	.06	.41			
04-04-79	---	266	7.9	---	---	---	---	---	---	---	---	---	---	---	---	---	.04	.34	.4	.01	.41				

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
97	2S-35E-33BADB1	05-06-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-09-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-21-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-23-74*	6	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-30-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		04-30-76*	---	---	10	---	<10	---	<10	100	<1	<10	10	<5	<1	566
		03-28-79	---	---	60	---	530	---	<10	100	<1	<10	<10	<5	<1	571
		03-30-79	---	---	50	---	620	---	<10	100	<1	<10	<10	<5	<1	---
		04-02-79	---	---	70	---	1130	---	---	---	---	---	---	---	---	---
		04-04-79	---	---	120	---	1660	---	---	---	---	---	---	---	---	---
		04-06-79	---	---	240	---	2310	---	---	---	---	---	---	---	---	---
		04-09-79	---	---	400	---	2870	---	---	---	---	---	---	---	---	---
		04-11-79	---	---	500	---	3250	---	---	---	---	---	---	---	---	---
		04-16-79	---	---	1020	---	4000	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	2550	---	4040	---	---	---	---	---	---	---	---	---
		06-01-79	---	---	30	---	2810	---	---	---	---	---	---	---	---	---
99	2S-35E-33BCBD1	09-26-79	---	---	820	---	1580	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	1020	---	1520	---	---	---	---	---	---	---	---	---
		03-29-82	---	---	60	---	480	---	---	---	---	<10	<10	<5	<1	26
		08-10-83	---	---	1680	---	3660	---	---	---	<1	<10	<10	<5	<1	---
		09-27-83	---	---	1790	---	3580	---	---	---	---	---	---	---	---	---
		11-07-83	980	---	---	2260	---	2680	---	---	---	---	---	---	---	---
		04-26-79	<1	<1	---	---	---	---	---	---	---	---	---	---	---	---
		04-29-76*	---	---	50	---	<10	---	<10	<100	<1	<10	<10	<5	<1	20
		03-28-79	---	---	10	---	<10	---	<10	<100	<1	<10	<10	<5	<1	10
		03-30-79	---	---	<10	---	<10	---	<10	<100	<1	<10	<10	<5	<1	---
		04-02-79	---	---	10	---	<10	---	---	---	---	---	---	---	---	---
		04-04-79	---	---	20	---	<10	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS NA)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA (MG/L AS N) + ORGANIC (AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)
99	2S-35E-33BCBD1 (CONTINUED)	04-06-79		E	---	263	7.8	---	204	58	15	17	2.9	---	15	37	17	0.04	0.29	0.5	0.01	6.4
		04-09-79		E	---	262	7.6	---	196	58	15	17	2.9	---	17	38	18	.03	.22	.6	.02	5.1
		04-11-79		E	---	255	7.4	---	192	54	14	17	2.5	---	16	34	17	.07	.28	.3	.02	7.3
		04-16-79		E	---	249	7.9	---	208	53	15	16	2.5	---	16	35	18	---	.31	.3	.02	13.8
		04-18-79		E	---	256	---	---	188	53	13	16	2.6	---	16	37	17	---	.36	.31	.02	2.4
		05-31-79		E	---	253	---	---	---	---	12	18	2.7	---	14	27	---	---	---	---	---	<.4
		07-18-79		E	---	217	---	---	---	---	11	15	---	---	12	31	---	---	---	---	---	2.5
		08-29-79		E	---	---	---	---	---	---	12	13	2.2	---	15	27	---	---	---	---	---	4.3
		09-26-79		E	---	214	---	---	---	---	12	14	2.2	---	11	28	---	---	---	---	---	1.6
		10-22-79		E	---	219	---	---	---	---	11	15	2.5	---	10	32	---	---	---	---	---	<.4
100	2S-35E-33BCBD2	08-10-83	180	E	489	268	7.5	---	---	---	---	---	3.2	---	---	---	---	---	---	---	---	3.3
		09-26-83		E	343	240	7.1	---	---	---	---	---	3.1	---	---	---	---	---	---	---	---	2.0
		10-25-83		E	387	227	7.1	---	---	---	---	---	2.9	---	---	---	---	---	---	---	---	<.4
		12-01-83		E	374	232	7.4	---	---	---	---	---	3.3	---	---	---	---	---	---	---	---	<.2
101	2S-35E-33BCDC1	04-18-74*	87	H	---	270	7.2	156	180	51	21	10	2.6	0.84	12	39	13	---	---	---	---	---
		05-06-74*		H	---	---	---	132	148	36	14	8	1.8	---	3	18	---	---	---	---	---	---
		05-09-74*		H	---	---	---	148	164	46	12	10	2.4	---	2	23	---	---	---	---	---	---
		05-21-74*		H	---	---	---	172	168	38	17	10	2.7	---	3	17	---	---	---	---	---	---
		05-23-74*		H	---	---	---	164	146	38	13	8	3.1	---	4	16	---	---	---	---	---	---
		05-30-74*		H	---	---	---	128	136	36	12	7	2.3	---	10	---	---	---	---	---	---	---
		06-05-74*		H	---	---	---	140	140	36	14	11	2.2	---	11	17	---	---	---	---	---	---
		04-29-76*		H	---	---	---	148	180	51	12	11	1.4	---	9	45	---	---	---	---	---	---
		03-03-79		E	---	374	7.7	---	308	78	20	29	3.2	.78	20	26	20	---	---	---	---	14.7
		04-02-79		E	---	373	7.8	---	284	82	21	28	3.0	.77	22	24	17	.06	.03	.2	.06	6.1
		04-04-79		E	---	369	8.0	---	304	80	25	31	3.8	---	22	---	16	.06	.04	<.1	.06	17.5
		04-06-79		E	---	374	7.8	---	280	77	20	32	3.6	---	43	24	20	.04	0	.8	.05	21.8
		04-09-79		E	---	356	7.5	---	280	74	20	30	3.6	---	22	22	19	.04	0	.4	.03	16.7
		04-11-79		E	---	354	7.3	---	224	72	20	---	---	---	22	22	17	.03	0	.6	.03	7.3

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
99	2S-35E-33BCBD1 (CONTINUED)	04-06-79	---	---	10	---	<10	---	---	---	---	---	---	---	---	---
		04-09-79	---	---	10	---	<10	---	---	---	---	---	---	---	---	---
		04-11-79	---	---	20	---	<10	---	---	---	---	---	---	---	---	---
		04-16-79	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	10	---	10	---	---	---	---	---	---	---	---	---
		05-31-79	---	---	740	---	<10	---	---	---	---	---	---	---	---	---
		07-18-79	---	---	---	20	---	<10	---	---	---	---	---	---	---	---
		08-29-79	---	---	10	---	50	---	---	---	---	---	---	---	---	---
		09-26-79	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	30	---	<10	---	---	---	---	---	---	---	---	---
100	2S-35E-33BCBD2	08-10-83	---	---	10	---	10	---	---	---	<1	<10	<10	---	---	17
		09-26-83	---	---	10	---	200	---	---	---	<1	<10	160	---	---	186
		10-25-83	<1	---	<10	---	110	---	---	---	---	---	---	---	---	---
		12-01-83	<1	---	20	---	150	---	---	---	---	---	---	---	---	---
101	2S-35E-33BCDC1	04-18-74*	<2	---	30	---	<10	---	<10	<100	---	<10	5	<10	<1	900
		05-06-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-09-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-21-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-23-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-30-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		06-05-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		04-29-76*	---	---	60	---	<10	---	---	---	---	---	---	---	---	---
		03-03-79	---	---	340	---	4240	---	<10	<100	<1	<10	110	<5	<1	651
		04-02-79	---	---	50	---	2010	---	<10	<100	<1	<10	10	---	---	1704
		04-04-79	---	---	150	---	3400	---	---	---	---	---	---	---	---	---
		04-06-79	---	---	1040	---	4760	---	---	---	---	---	---	---	---	---
		04-09-79	---	---	260	---	4740	---	---	---	---	---	---	---	---	---
		04-11-79	---	---	320	---	4600	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS Na)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N) (MG/L AS P)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)
101	2S-35E-33BCDC1 (CONTINUED)	04-16-79		E	---	350	8.0	---	284	72	21	---	3.3	---	20	19	---	0.05	0	0.4	0.05	8.6
		04-18-79		E	---	320	7.8	---	248	67	16	28	3.2	---	20	23	19	---	---	---	---	2.4
		05-31-79		E	---	326	---	---	---	---	12	17	2.7	---	14	28	---	---	---	---	---	.4
		07-17-79		E	---	222	---	---	---	---	11	16	---	---	10	31	---	---	---	---	---	5.1
		08-29-79		E	---	---	---	---	---	---	13	15	2.5	---	13	22	---	---	---	---	---	7.0
		09-24-79		E	---	219	---	---	---	---	12	17	2.6	---	15	27	---	---	---	---	---	<.4
		09-26-79		E	---	228	---	---	---	---	11	16	2.6	---	11	27	---	---	---	---	---	3.7
		10-22-79		E	---	259	---	---	---	---	12	31	2.8	---	40	34	---	---	---	---	---	<.4
		08-10-83		E	600	321	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		09-29-83		E	647	401	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10-26-83		E	575	340	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		12-01-83		E	545	329	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
102	2S-35E-33CABC1	04-18-74*	80R	H	---	280	7.3	188	---	56	23	12	2.5	0.88	---	33	10	---	---	---	---	---
		05-06-74*		H	---	---	---	172	180	50	16	12	2.2	---	6	22	---	---	---	---	---	---
		05-09-74*		H	---	---	---	176	192	57	13	12	2.5	---	3	25	---	---	---	---	---	---
		05-21-74*		H	---	---	---	188	192	47	18	12	2.8	---	4	19	---	---	---	---	---	---
		05-23-74*		H	---	---	---	168	160	40	15	10	3.0	---	2	19	---	---	---	---	---	---
		05-30-74*		H	---	---	---	132	128	33	13	7	1.8	---	8	---	---	---	---	---	---	---
		06-05-74*		H	---	---	---	160	160	39	16	12	2.3	---	13	18	---	---	---	---	---	---
		05-17-75*		H	660	445	---	---	284	69	19	33	4.9	.9	2	26	---	---	---	---	---	---
		04-29-76*		H	---	---	---	188	204	58	13	14	1.5	---	11	48	---	---	---	---	---	---
		03-16-77		H	---	---	---	---	---	---	---	28	3.4	---	---	---	---	---	---	---	---	---
		05-01-78		H	---	---	---	---	---	---	---	29	---	---	---	---	---	---	---	---	---	---
		03-13-79		H	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		03-14-79		H	---	463	7.7	---	380	101	31	---	---	---	26	---	---	.13	---	.54	.08	131
		03-28-79		E	---	657	7.5	---	464	123	33	63	5.4	.69	32	<10	24	.25	<.01	.6	.08	135
		03-30-79		E	---	628	7.3	---	476	118	30	54	5.2	.72	30	<10	25	.29	<.01	1.3	.36	135
		04-02-79		E	---	532	7.9	---	452	77	63	54	5.6	---	26	<10	23	.25	<.01	---	.10	83.7
		04-04-79		E	---	544	7.8	---	408	101	38	50	5.3	---	30	<10	23	.23	.01	.6	.11	63.7
		04-06-79		E	---	500	7.5	---	352	98	27	48	5.2	---	23	<5	24	.26	0	.8	.05	60.2
		04-09-79		E	---	467	7.3	---	256	93	26	43	5.0	---	25	6	24	.18	0	.8	.04	38.9
		04-11-79		E	---	436	7.4	---	328	90	25	41	4.5	---	24	11	23	.26	0	.57	.07	13.4

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
101	2S-35E-33BCDC1 (CONTINUED)	04-16-79	---	---	1510	---	4320	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	190	---	3800	---	---	---	---	---	---	---	---	---
		05-31-79	---	---	10	20	80	10	---	---	---	---	---	---	---	---
		07-17-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-29-79	---	---	60	---	1700	---	---	---	---	---	---	---	---	---
		09-24-79	---	---	40	---	820	---	---	---	---	---	---	---	---	---
		09-26-79	---	---	80	---	840	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	1300	---	110	---	---	---	---	---	---	---	---	---
		08-10-83	---	---	220	---	1050	---	---	---	---	---	<10	---	---	590
		09-29-83	---	---	960	---	---	---	---	---	---	---	40	---	---	---
		10-26-83	12	---	160	---	1070	---	---	---	---	---	---	---	---	---
		12-01-83	>80	---	330	---	1400	---	---	---	---	---	---	---	---	---
102	2S-35E-33CABC1	04-18-74*	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-06-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-09-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-21-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-23-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-30-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		06-05-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-17-75*	8	---	---	---	---	---	---	---	---	---	---	---	---	---
		04-29-76*	<1	---	---	---	---	---	---	---	---	---	---	---	---	---
		03-16-77	---	---	610	---	4850	---	---	---	---	---	---	---	---	---
		05-01-78	---	---	90	---	30	---	---	---	---	---	---	---	---	---
		03-13-79	2100	<2	---	---	---	---	---	---	---	---	---	---	---	---
		03-14-79	---	---	1570	---	8500	---	---	---	---	---	---	---	---	---
		03-28-79	---	---	2710	---	9950	---	19	200	<1	<10	10	<5	<1	522
		03-30-79	---	---	5780	---	26800	---	20	300	4.5	<10	70	<5	<1	9450
		04-02-79	---	---	1550	---	15200	---	---	---	---	---	---	---	---	---
		04-04-79	---	---	1730	---	8350	---	---	---	---	---	---	---	---	---
		04-06-79	---	---	1760	---	7400	---	---	---	---	---	---	---	---	---
		04-09-79	---	---	2050	---	7450	---	---	---	---	---	---	---	---	---
		04-11-79	---	---	1740	---	6300	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS Na)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N) (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)	
102	2S-35E-33CABC1 (CONTINUED)	04-16-79		E	---	412	7.6	---	304	85	23	39	4.4	---	22	10	22	0.18	0.01	0.52	0.07	20.3	
		04-18-79		E	---	319	7.8	---	248	66	17	27	3.7	---	20	15	21	.10	.02	.31	.04	9.7	
		05-31-79		E	---	273	---	---	---	---	14	22	3.4	---	18	27	---	---	---	---	---	---	4
		07-18-79		E	---	250	---	---	---	---	13	20	---	---	15	30	---	---	---	---	---	---	2.1
		08-12-79		E	---	315	---	---	---	---	17	---	---	---	---	9	---	---	---	---	---	---	---
		08-13-79		E	---	306	---	---	---	---	17	---	---	---	---	8	---	---	---	---	---	---	---
		08-14-79		E	---	325	---	---	---	---	16	---	---	---	---	6	---	---	---	---	---	---	---
		08-15-79		E	---	320	---	---	---	---	16	---	---	---	---	<5	---	---	---	---	---	---	---
		08-29-79		E	---	---	---	---	---	---	16	20	2.8	---	11	11	---	---	---	---	---	---	7
		09-24-79		E	---	264	---	---	---	---	14	20	2.9	---	17	19	---	---	---	---	---	---	<.4
		09-26-79		E	---	292	---	---	---	---	16	25	3.2	---	13	19	---	---	---	---	---	---	2.3
103	2S-35E-33CABC2	09-26-79	160R	E	---	259	---	---	---	---	14	19	3.0	---	13	23	---	---	---	---	---	---	2.7
		10-22-79		E	---	230	---	---	---	---	14	20	3.1	---	10	28	---	---	---	---	---	---	<.42
105	2S-35E-33CBAA1	05-06-74*	<100R	H	---	---	---	184	192	47	18	12	2.6	---	6	21	---	---	---	---	---	---	---
		05-09-74*		H	---	---	---	188	188	58	11	15	2.8	---	4	23	---	---	---	---	---	---	---
		05-21-74*		H	---	---	---	224	216	50	23	13	3.5	---	4	23	---	---	---	---	---	---	---
		05-23-74*		H	---	---	---	200	180	46	19	11	3.6	---	2	18	---	---	---	---	---	---	---
		05-30-74*		H	---	---	---	152	156	38	15	7	2.3	---	12	---	---	---	---	---	---	---	---
		06-05-74*		H	---	---	---	144	163	33	20	12	3.4	---	11	29	---	---	---	---	---	---	---
		04-29-76*		H	---	---	---	156	200	58	13	12	1.6	---	11	45	---	---	---	---	---	---	---
		03-16-77		H	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		03-13-79		H	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		03-06-79		E	---	310	---	---	---	---	18	---	3.8	---	---	---	---	---	---	---	---	---	---
		03-28-79		E	---	612	7.7	---	460	120	33	51	4.6	---	---	<10	23	<.01	---	.4	.07	112	
		03-30-79		E	---	633	7.5	---	476	123	32	53	4.7	---	34	<10	24	.02	---	.2	.20	108	
		04-02-79		E	---	583	8.0	---	468	112	58	52	5.2	---	30	<10	20	.10	---	.3	.18	64	
		04-04-79		E	---	541	7.9	---	392	102	33	49	5.1	---	28	---	22	<.01	---	.1	.14	56	
		04-06-79		E	---	532	7.5	---	408	102	28	49	4.9	---	27	6	25	0	---	.3	.06	59	
		04-09-79		E	---	492	7.4	---	360	96	27	45	4.8	---	28	6	22	0	---	.3	.04	54	

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
102	25-35E-33CABC1 (CONTINUED)	04-16-79	---	---	2860	---	5800	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	1100	---	4560	---	---	---	---	---	---	---	---	---
		05-31-79	---	---	640	---	2140	---	---	---	---	---	---	---	---	---
		07-18-79	---	---	---	1420	---	1420	---	---	---	---	---	---	---	---
		08-12-79	---	---	---	90	---	10	---	---	---	---	---	---	---	---
		08-13-79	---	---	---	555	---	100	---	---	---	---	---	---	---	---
		08-14-79	---	---	---	90	---	10	---	---	---	---	---	---	---	---
		08-15-79	---	---	---	40	---	<10	---	---	---	---	---	---	---	---
		08-29-79	---	---	1020	---	2400	---	---	---	---	---	---	---	---	---
		09-24-79	---	---	1390	---	2210	---	---	---	---	---	---	---	---	---
103	25-35E-33CABC2	09-26-79	---	---	610	---	2750	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	1360	---	2180	---	---	---	---	---	---	---	---	---
105	25-35E-33CBAA1	05-06-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-09-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-21-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-23-74*	2	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-30-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		06-05-74*	2	---	---	---	---	---	---	---	---	---	---	---	---	---
		04-29-76*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---
		03-16-77	---	---	30	---	70	---	---	---	---	---	---	---	---	---
		03-13-79	380	<10	---	---	---	---	---	---	---	---	---	---	---	---
		03-06-79	---	---	120	---	100	---	---	---	---	---	---	---	---	---
		03-28-79	---	---	1250	---	10750	---	<10	200	<1	<10	10	<5	<1	3
		03-30-79	---	---	5080	---	11350	---	11	200	<1	<10	<10	<5	<1	2
		04-02-79	---	---	3270	---	11300	---	---	---	---	---	---	---	---	---
		04-04-79	---	---	3740	---	11000	---	---	---	---	---	---	---	---	---
		04-06-79	---	---	1430	---	11500	---	---	---	---	---	---	---	---	---
		04-09-79	---	---	1510	---	10600	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS MG)	SODIUM (MG/L AS NA)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N) (MG/L)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)
105	2S-35E-33CBAA1 (CONTINUED)	04-11-79		E	---	463	7.2	---	404	94	27	43	4.4	---	26	<10	20	0	---	0.7	0.10	11
		04-16-79		E	---	435	7.7	---	348	91	25	40	4.3	---	26	<10	21	0	---	.7	.09	23
		04-18-79		E	---	409	7.7	---	332	90	21	39	4.3	---	24	<10	22	.01	---	.3	.04	14
		05-31-79		E	---	325	---	---	---	---	16	17	4.1	---	18	29	---	---	---	---	---	4
		07-18-79		E	---	344	---	---	---	---	16	16	---	---	12	33	---	---	---	---	---	2.9
		08-29-79		E	---	---	---	---	---	---	18	15	3.7	---	15	28	---	---	---	---	---	8.5
		09-24-79		E	---	307	---	---	---	---	15	18	3.6	---	15	28	---	---	---	---	---	4
		09-26-79		E	---	307	---	---	---	---	15	18	---	---	13	28	---	---	---	---	---	6.4
		10-22-79		E	---	288	---	---	---	---	14	19	3.5	---	10	30	---	---	---	---	---	<.4
		03-10-80	200	E	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
			WELL DEEPENED																			---
		08-10-83	320	E	469	265	7.6	---	---	---	---	---	3.1	---	---	---	---	---	---	---	---	4.5
		09-26-83	320	E	360	257	7.3	---	---	---	---	---	3.0	---	---	---	---	---	---	---	---	3.2
		10-26-83	320	E	435	255	7.5	---	---	---	---	---	2.9	---	---	---	---	---	---	---	---	<.4
		12-02-83		E	441	268	7.5	---	---	---	---	---	3.1	---	---	---	---	---	---	---	---	<.2
106	2S-35E-33CBBA1	04-02-79	68	E	---	505	8.0	---	392	98	29	36	4.3	---	26	<10	19	.15	0.07	<.1	.20	71.7
		04-04-79		E	---	523	7.8	---	400	109	31	39	4.1	---	28	<10	21	.06	---	<.1	1.75	63.7
		04-06-79		E	---	494	7.4	---	384	104	28	38	4.9	---	23	9	24	.04	0	.5	.06	66.2
		04-11-79		E	---	431	7.5	---	344	91	24	33	4.1	---	24	<10	20	.02	0	.47	.04	15.6
		04-16-79		E	---	360	7.8	---	284	78	22	29	3.8	---	22	12	21	.04	.01	.31	.06	20.3
		04-18-79		E	---	350	7.7	---	272	77	18	27	3.8	---	22	11	22	.10	.08	.21	.05	7.8
		05-31-79		E	---	274	---	---	---	---	14	20	3.7	---	22	27	---	---	---	---	---	3.1
		07-18-79		E	---	293	---	---	---	---	15	23	---	---	17	32	---	---	---	---	---	5.9
		08-29-79		E	---	---	---	---	---	---	17	20	3.3	---	15	15	---	---	---	---	---	6.2
		09-24-79		E	---	285	---	---	---	---	16	19	3.8	---	15	23	---	---	---	---	---	6.1
		09-26-79		E	---	285	---	---	---	---	14	18	4.0	---	13	25	---	---	---	---	---	2.3
		10-22-79		E	---	284	---	---	---	---	15	21	3.2	---	10	29	---	---	---	---	---	<.4

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
105	2S-35E-33CBAA1 (CONTINUED)	04-11-79	---	---	2650	---	9800	---	---	---	---	---	---	---	---	---
		04-16-79	---	---	4290	---	8350	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	1720	---	8350	---	---	---	---	---	---	---	---	---
		05-31-79	---	---	<10	---	330	---	---	---	---	---	---	---	---	---
		07-18-79	---	---	---	20	---	60	---	---	---	---	---	---	---	---
		08-29-79	---	---	60	---	110	---	---	---	---	---	---	---	---	---
		09-24-79	---	---	<10	---	180	---	---	---	---	---	---	---	---	---
		09-26-79	---	---	30	---	200	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	200	---	60	---	---	---	---	---	---	---	---	---
		03-10-80	---	---	5500	---	2880	---	---	---	---	---	---	---	---	---
		08-10-83	---	---	400	---	80	---	---	---	---	<10	<10	---	---	46
106	2S-35E-33CBBA1	09-26-83	---	---	40	---	10	---	---	---	<1	<10	10	---	---	68
		10-26-83	<1	---	40	---	<10	---	---	---	---	---	---	---	---	---
		12-02-83	---	---	390	---	40	---	---	---	---	---	---	---	---	---
		04-02-79	---	---	980	---	4640	---	11	<100	<1	<10	180	<5	<1	3460
		04-04-79	---	---	1580	---	6800	---	<10	<100	<1	<10	<10	<5	<1	650
		04-06-79	---	---	220	---	7250	---	---	---	---	---	---	---	---	---
		04-11-79	---	---	190	---	5680	---	---	---	---	---	---	---	---	---
		04-16-79	---	---	310	---	4700	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	390	---	4680	---	---	---	---	---	---	---	---	---
		05-31-79	---	---	50	---	1690	---	---	---	---	---	---	---	---	---
		07-18-79	---	---	---	860	---	2020	---	---	---	---	---	---	---	---
		08-29-79	---	---	3110	---	1530	---	---	---	---	---	---	---	---	---
		09-24-79	---	---	900	---	560	---	---	---	---	---	---	---	---	---
		09-26-79	---	---	30	---	330	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	1000	---	1620	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHO/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS Mg)	SODIUM (MG/L AS Na)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N) (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)	
107	25-35E-33CBBCL	05-06-74*	120	H	---	---	---	160	172	40	17	11	2.4	---	6	23	---	---	---	---	---	---	---
		05-09-74*		H	---	---	---	160	192	48	18	11	2.8	---	3	23	---	---	---	---	---	---	---
		05-21-74*		H	---	---	---	184	176	46	18	11	3.2	---	9	19	---	---	---	---	---	---	---
		05-23-74*		H	---	---	---	188	168	44	15	9	3.6	---	4	17	---	---	---	---	---	---	---
		05-30-74*		H	---	---	---	128	132	31	14	7	2.4	---	10	---	---	---	---	---	---	---	---
		04-28-76*		H	---	---	---	160	188	53	12	13	1.6	---	9	41	---	---	---	---	---	---	---
		03-28-79		E	448	7.5	---	---	368	99	27	32	3.9	---	28	15	---	---	---	0.3	0.13	---	---
		03-30-79		E	450	7.2	---	---	368	93	25	34	3.9	---	30	16	---	---	---	.4	.15	---	---
		04-02-79		E	417	7.9	---	---	320	91	22	33	4.4	---	24	15	---	---	---	1.3	.17	---	---
111	25-35E-33CDACL	05-06-74*	95	H	---	---	---	204	224	36	27	26	10	---	6	58	---	---	---	---	---	---	---
		05-09-74*		H	---	---	---	200	260	58	28	29	9.8	---	4	51	---	---	---	---	---	---	---
		05-21-74*		H	---	---	---	208	200	36	27	28	19	---	5	45	---	---	---	---	---	---	---
		05-23-74*		H	---	---	---	212	210	56	27	23	14	---	8	49	---	---	---	---	---	---	---
		05-30-74*		H	---	---	---	208	228	59	19	16	9.4	---	21	---	---	---	---	---	---	---	---
		06-05-74*		H	---	---	---	---	142	27	19	21	10	---	13	50	---	---	---	---	---	---	---
		04-29-76*		H	---	---	---	184	202	58	14	17	5.8	---	15	44	---	---	---	---	---	---	---
		06-17-76*		H	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10-24-78		H	---	---	---	---	---	---	---	---	---	---	18	---	---	---	---	.60	---	---	---
		03-28-79		E	275	7.7	---	---	188	51	15	21	9.9	0.88	22	43	22	0.05	2.29	---	.14	1.3	
		03-30-79		E	293	7.5	---	---	200	54	14	22	10	.87	22	43	22	.04	2.93	.2	.13	3.4	
		04-02-79		E	279	7.9	---	---	204	53	18	22	12	---	30	42	19	.05	4.01	.2	.17	2.5	
		04-04-79		E	274	7.8	---	---	212	53	20	21	12	---	20	47	19	.04	3.69	.9	.18	4.5	
		04-06-79		E	286	7.5	---	---	184	51	15	21	11	---	21	45	20	.03	2.71	.6	.11	12.8	
		04-09-79		E	282	7.3	---	---	264	51	15	21	11	---	25	43	19	.04	3.31	.9	.07	17.1	
		04-11-79		E	281	7.2	---	---	220	50	15	21	12	---	18	41	19	.17	2.63	.7	.1	3.9	
		04-16-79		E	285	7.8	---	---	200	50	15	21	9.8	---	22	43	20	.04	3.50	.5	.11	21.2	
		04-18-79		E	279	7.6	---	---	184	51	13	21	10	---	20	42	20	.10	3.15	.5	.13	<.5	
		05-31-79		E	247	---	---	---	---	---	---	17	7.5	---	18	33	---	---	---	---	---	---	---
		07-18-79		E	---	---	---	---	---	---	---	18	---	---	17	39	---	---	---	---	---	---	---
		08-29-79		E	---	---	---	---	---	---	---	17	6.3	---	15	36	---	---	---	---	---	---	3.9

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN) TOTAL	MANGANESE (MG/L MN)	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
107	25-35E-33CBBC1	05-06-74*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-09-74*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-21-74*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-23-74*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-30-74*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		04-28-76*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		03-28-79	---	---	530	---	4700	---	---	<10	100	<1	<10	10	<5	<1	19
		03-30-79	---	---	540	---	4440	---	---	<10	100	<1	<10	80	<5	<1	38
		04-02-79	---	---	440	---	4040	---	---	---	---	---	---	---	---	---	---
111	25-35E-33CDAC1	05-06-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-09-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-21-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-23-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-30-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		06-05-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		04-29-76*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		06-17-76*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		10-24-78	---	---	10	---	10	---	---	---	---	---	---	---	---	---	---
		03-28-79	---	---	20	---	<10	---	---	<10	<100	<1	<10	20	<5	<1	613
		03-30-79	---	---	20	---	<10	---	---	<10	<100	<1	<10	<10	<5	<1	385
		04-02-79	---	---	30	---	10	---	---	---	---	---	---	---	---	---	---
		04-04-79	---	---	20	---	<10	---	---	---	---	---	---	---	---	---	---
		04-06-79	---	---	10	---	<10	---	---	---	---	---	---	---	---	---	---
		04-09-79	---	---	10	---	<10	---	---	---	---	---	---	---	---	---	---
		04-11-79	---	---	10	---	10	---	---	---	---	---	---	---	---	---	---
		04-16-79	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	10	---	10	---	---	---	---	---	---	---	---	---	---
		05-31-79	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---	---
		07-18-79	---	---	---	10	<10	---	---	---	---	---	---	---	---	---	---
		08-29-79	---	---	10	---	<10	---	---	---	---	---	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL WELL DEPTH (FEET)	COLLECTING AGENCY	SPECIFIC CONDUCTANCE (UMHOS/CM)	SOLIDS, RESIDUE AT 180 °C	PH (STANDARD UNITS)	ALKALINITY, LAB (MG/L AS CaCO3)	HARDNESS (MG/L AS CaCO3)	CALCIUM (MG/L AS Ca)	MAGNESIUM (MG/L AS Mg)	SODIUM (MG/L AS Na)	POTASSIUM (MG/L AS K)	FLUORIDE (MG/L AS F)	CHLORIDE (MG/L AS CL)	SULFATE (MG/L AS SO4)	SILICA (MG/L AS SiO2)	NITROGEN, AMMONIA (MG/L AS N)	NITROGEN, NITRATE (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC (AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	COD (MG/L)	
1111	2S-35E-33CDAC1 (CONTINUED)	09-24-79		E	---	263	---	---	---	---	13	21	6.3	---	17	38	---	---	---	---	---	---	1.2
		09-26-79		E	---	261	---	---	---	---	13	21	6.2	---	15	38	---	---	---	---	---	---	4.9
		10-22-79		E	---	270	---	---	---	---	13	25	6.8	---	15	39	---	---	---	---	---	---	<.4
1112	2S-35E-33DBBA1	05-06-74*	60	H	---	---	---	124	136	32	13	7	2	---	6	17	---	---	---	---	---	---	---
		05-09-74*		H	---	---	---	140	164	42	15	10	3	---	3	20	---	---	---	---	---	---	---
		05-21-74*		H	---	---	---	152	156	41	16	9	3	---	8	21	---	---	---	---	---	---	---
		05-23-74*		H	---	---	---	184	156	40	13	7	3	---	4	18	---	---	---	---	---	---	---
		05-30-74*		H	---	---	---	128	148	39	14	7	2.6	---	14	---	---	---	---	---	---	---	---
		04-28-76*		H	---	---	---	---	240	288	82	18	19	1.9	---	13	48	---	---	---	---	---	---
		03-28-79		E	---	396	7.6	---	324	324	83	22	28	4.8	---	22	28	23	0.10	6.54	0.7	0.03	5.5
		03-30-79		E	---	432	7.3	---	336	336	90	23	32	5.0	---	22	31	20	.07	6.51	1.2	.07	16
		04-02-79		E	---	398	7.9	---	308	308	85	23	29	5.4	---	20	30	18	.05	7.61	.5	.08	8.2
		04-04-79		E	---	389	7.9	---	284	284	83	19	27	5.2	---	22	---	19	.05	6.69	.9	.11	4.1
		04-06-79		E	---	374	7.6	---	268	268	80	20	25	5.0	---	19	35	20	.07	4.71	.8	.04	25.6
		04-09-79		E	---	356	7.4	---	272	272	75	---	24	4.8	---	22	32	20	.04	6.36	.8	.04	11.5
		04-11-79		E	---	333	7.3	---	252	252	67	18	22	4.1	---	18	34	17	.03	7.25	---	.04	8.2
		04-16-79		E	---	313	7.7	---	224	224	66	15	21	4.1	---	16	36	17	.08	8.02	.5	.03	10.8
		04-18-79		E	---	310	7.6	---	232	232	66	15	21	4.1	---	16	37	17	.05	3.0	.6	.03	2.9
114	2S-35E-35BAA1	06-01-79		E	---	219	---	---	---	---	12	15	3.5	---	12	28	---	---	---	---	---	---	1.3
		09-26-79		E	---	260	---	---	---	---	14	20	3.9	---	13	14	---	---	---	---	---	---	18.9
		10-22-79		E	---	254	---	---	---	---	14	18	3.9	---	10	26	---	---	---	---	---	---	<.4
		03-23-82		E	---	460	---	412	---	---	---	---	---	---	---	22	<10	---	---	---	---	---	12.2
		08-10-83		E	558	292	7.6	---	---	---	---	---	24	---	---	---	---	---	---	---	---	---	6.2
		09-27-83		E	511	314	7.1	---	---	---	---	---	23	---	---	---	---	---	---	---	---	---	6.0
		11-07-83		E	---	276	7.3	---	---	---	---	---	---	15	---	---	---	---	---	---	---	---	4.0
		07-26-79	88	B	600	---	---	7.4	240	268	---	---	---	---	---	---	---	---	1.37	---	---	---	---
		08-16-79		B	550	---	---	7.7	---	---	---	---	---	---	---	---	---	---	.91	---	---	---	---
		01-04-80		B	550	---	---	7.0	---	---	---	---	---	---	---	---	---	---	.23	---	---	---	---
139A	3S-35E-5BCDD1	02-13-80		B	550	---	7.2	---	---	---	---	---	---	---	---	---	---	1.69	---	---	---	---	---
		10-23-78	75R	H	---	---	---	---	---	---	---	20	---	---	---	---	---	---	0.80	---	---	---	---
		11-15-78		H	---	---	---	---	---	---	---	21	---	---	---	---	---	---	.60	---	---	---	---
140	3S-35E-5CBCB1	02-21-79		H	---	---	---	---	---	---	38	---	---	---	---	---	---	.68	---	---	---	---	---
		11-26-78	80M	H	---	---	---	7.9	---	---	---	16	---	---	---	---	---	---	.50	---	---	---	---
		12-28-78		H	---	---	---	---	---	---	14	---	---	---	---	---	---	.22	---	---	---	---	---

Table 2.--Ground-water quality data, pre-1984--Continued

WELL NUMBER	WELL LOCATION	DATE OF SAMPLE	TOTAL COLIFORM (COLONIES PER 100 ML)	FECAL COLIFORM (COLONIES PER 100 ML)	IRON (UG/L FE)	IRON (MG/L FE) TOTAL	MANGANESE (MG/L MN)	MANGANESE (MG/L MN)	TOTAL	ARSENIC (UG/L AS)	BARIUM (UG/L BA)	CADMIUM (UG/L CD)	CHROMIUM (UG/L CR)	COPPER (UG/L CU)	SELENIUM (UG/L SE)	SILVER (UG/L AG)	ZINC (UG/L ZN)
111	2S-35E-33CDAC1 (CONTINUED)	09-24-79	---	---	<10	---	10	---	---	---	---	---	---	---	---	---	---
		09-26-79	---	---	<10	---	<10	---	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	<10	---	10	---	---	---	---	---	---	---	---	---	---
112	2S-35E-33DBBA1	05-06-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-09-74*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-21-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-23-74*	<2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		05-30-74*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		04-28-76*	57	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		03-28-79	---	---	70	---	800	---	<10	<100	<1	<1	<10	10	<5	<1	176
		03-30-79	---	---	100	---	1270	---	<10	<100	<1	<1	<10	<10	<5	<1	191
		04-02-79	---	---	50	---	890	---	---	---	---	---	---	---	---	---	---
		04-04-79	---	---	30	---	760	---	---	---	---	---	---	---	---	---	---
		04-06-79	---	---	20	---	660	---	---	---	---	---	---	---	---	---	---
		04-09-79	---	---	20	---	530	---	---	---	---	---	---	---	---	---	---
		04-11-79	---	---	40	---	410	---	---	---	---	---	---	---	---	---	---
		04-16-79	---	---	10	---	310	---	---	---	---	---	---	---	---	---	---
		04-18-79	---	---	30	---	290	---	---	---	---	---	---	---	---	---	---
		06-01-79	---	---	50	---	150	---	---	---	---	---	---	---	---	---	---
		09-26-79	---	---	300	---	7290	---	---	---	---	---	---	---	---	---	---
		10-22-79	---	---	230	---	5700	---	---	---	---	---	---	---	---	---	---
		03-29-82	---	---	12700	---	7000	---	---	---	---	---	<10	<10	---	---	179
		08-10-83	---	---	5100	---	3320	---	---	---	---	<1	<10	<10	---	---	---
		09-27-83	15600	---	5070	---	3150	---	---	---	---	---	---	---	---	---	---
		11-07-83	---	---	---	3850	---	2440	---	---	---	---	---	---	---	---	---
114	2S-35E-35BAA1	07-26-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		08-16-79	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		01-04-80	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		02-13-80	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
139A	3S-35E-5BCDD1	10-23-78	<1	<2	850	---	4460	---	---	---	---	---	---	---	---	---	---
		11-15-78	<2	<2	350	---	2580	---	---	---	---	---	---	---	---	---	---
		02-21-78	187	4	2530	---	7800	---	---	---	---	---	---	---	---	---	---
140	3S-35E-5CBCB1	11-26-78	---	---	300	---	1410	---	---	---	---	---	---	---	---	---	---
		12-28-78	<2	<2	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 3.--Ground-water quality data, 1984 and 1985

Headnotes

DATE OF SAMPLE: year-month-day

TIME: 24-hour notation

LAB: U.S. Geological Survey Central Laboratory (Denver)

DISSOLVED: Portion of a whole water sample that passes through a 0.45-micrometer membrane filter

FET-FLD: Fixed endpoint titration, field (onsite) determination

SUSPENDED RECOVERABLE: Amount of constituent in solution after material retained on a 0.45-micrometer membrane filter has been prepared by a method that results in dissolution of readily soluble substances

TOTAL RECOVERABLE: Amount of constituent in solution after a sample has been prepared by a method that results in dissolution of readily soluble substances

Calculated constituents (U.S. Geological Survey, 1983, p. A22-A25):

SOLIDS, SUM OF CONSTITUENTS, DISSOLVED: (alkalinity x 0.6) + (calcium) + (magnesium) + (sodium) + (chloride) + (sulfate) + (silicate) + (dissolved potassium, nitrogen, or fluoride, when available)

SOLIDS/SPECIFIC CONDUCTANCE, RATIO: Solids (residue at 180 °C, dissolved) - specific conductance (onsite); when solids, residue at 180 °C, is not available, solids, sum of constituents, is used

CATION/ANION, PERCENT DIFFERENCE:

$$\frac{\text{sum of cations} - \text{sum of anions}}{\text{sum of cations} + \text{sum of anions}} \times 100;$$

where cations and anions are expressed in milliequivalents per liter (milligrams per liter of a constituent divided by atomic or molecular weight of that constituent)

cations = potassium, calcium, magnesium, and sodium and ammonia (as N), when available

anions = alkalinity, fluoride, sulfate, and chloride and
nitrite plus nitrate (as N), when available

ALKALINITY: [bicarbonate + (carbonate x 2.03)] x 0.8202
(6.0 - pH)

CARBON DIOXIDE: (bicarbonate x 1.60) x 10

HARDNESS: [(calcium x 0.0499) + (magnesium x 0.08226)]
x 50.05

NITROGEN, ORGANIC DISSOLVED: [(nitrogen, ammonia + organic
as N) - (nitrogen, ammonia as N)]

NITROGEN, AMMONIA AS NH_4 : (nitrogen, ammonia as N) x 1.288

Notations:

UMHOS - micromhos per centimeter at 25 °C
MG/L - milligrams per liter; within the range of values
presented in this report, milligrams are numeri-
cally equal to parts per million
MM - millimeters
DEG. C - degrees Celsius
UG/L - micrograms per liter; within the range of values
presented in this report, micrograms are numeri-
cally equal to parts per billion
0 - analyzed for but not detected
-- - not analyzed for
< - less than

Table 3.--Ground-water quality data, 1984 and 1985

WELL NUM- BER	WELL LOCA- TION	DATE OF SAMPLE	TIME	SPE- CIFIC CONDUCTANCE* (UMHOS)	SPE- CIFIC CONDUCTANCE, LAB (UMHOS)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C, DIS- SOLVED (MG/L)	SOLIDS/ SPE- CIFIC CONDUCTANCE, RATIO	CATION/ ANION, PERCENT DIFFERENCE	TEMPER- ATURE* (DEG. C)	PH* (STAN- DARD UNITS)
14.	2S-34E-26BCCC1	84-03-01	1520	444	470	290	280	0.63	-4.16	14.0	7.4
		84-04-12	0945	471	477	--	260	.55	--	14.5	7.4
		84-05-25	1620	459	448	--	--	--	--	14.5	7.3
M10.	2S-35E-27CCAA1	85-08-07	1200	353	366	210	211	.60	3.20	14.5	7.5
M11.	2S-35E-27CCAA2	85-08-07	1315	325	327	190	185	.57	-3.97	19.5	7.6
M7.	2S-35E-27CCBB1	85-08-08	1300	336	349	203	207	.61	-.53	12.0	7.6
M8.	2S-35E-27CCBB2	85-08-08	1400	333	344	207	191	.57	.25	13.0	7.7
54.	2S-35E-28CAAD1	84-03-08	1515	393	406	240	236	.60	-1.58	13.0	7.4
		84-04-11	1105	381	--	--	--	--	--	13.0	7.5
		84-05-23	1130	417	417	--	--	--	--	13.0	7.5
		84-10-10	1415	464	476	--	--	--	--	11.5	7.4
55.	2S-35E-28CCBB1	84-07-24	1445	495	497	--	--	--	--	12.5	7.2
56.	2S-35E-28CDD2	84-01-31	1530	502	493	300	279	.56	-1.95	8.5	7.3
		84-03-07	1100	471	482	--	281	.60	--	9.5	7.7
		84-04-10	1910	559	534	--	314	.56	--	9.5	7.6
		84-05-22	1620	496	504	--	--	--	--	10.0	7.5
		84-07-18	1915	529	483	--	--	--	--	10.0	7.5
		84-10-03	1650	480	484	290	--	.60	-3.95	9.5	7.3
		85-04-04	1230	633	--	--	--	--	--	7.0	7.5
		85-04-17	1750	658	--	--	--	--	--	8.0	7.5
		85-06-13	0845	570	590	350	321	.56	-2.19	9.5	7.4
		85-08-07	0845	567	528	340	329	.58	-2.84	9.5	7.4
58.	2S-35E-28DBAA1	84-03-08	1320	354	364	210	213	.60	-2.10	13.5	7.6
		84-04-10	0830	368	375	--	216	.59	--	13.0	7.4
		84-05-23	1040	363	372	--	--	--	--	12.0	7.4
		84-07-19	0915	469	--	--	--	--	--	11.5	7.3
		84-10-10	1100	443	454	260	267	.60	-1.73	14.5	7.3
		85-06-13	1530	378	398	240	230	.61	.50	12.0	7.4
59.	2S-35E-28DBC1	84-03-06	1700	530	536	320	313	.59	-.45	12.5	7.6
		84-04-10	0930	559	--	--	--	--	--	12.5	7.6
		84-05-22	1530	645	645	--	--	--	--	12.5	7.5
		84-07-19	1015	523	515	--	--	--	--	13.0	7.4
		84-10-10	1000	496	508	300	277	.56	-1.12	13.0	7.4
		85-04-04	1500	495	--	--	--	--	--	13.0	7.5
		85-04-17	1550	559	--	--	--	--	--	11.5	7.6
		85-06-13	1430	542	564	330	317	.58	-.28	13.0	7.4
		85-07-24	1345	565	--	--	--	--	--	12.5	7.4
M5.	2S-35E-28DCDC1	85-08-07	1620	418	424	260	249	.60	-.70	9.5	7.2

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	OXYGEN*, DIS- SOLVED (MG/L)	BARO- METRIC PRES- SURE* (MM OF HG)	ALKA- LITY* (MG/L AS CACO3)	BICAR- BONATE* FET-FLD (MG/L AS HCO3)	CAR- BONATE* FET-FLD (MG/L AS CO3)	CARBON DIOXIDE, DIS- SOLVED (MG/L AS CO2)	HARD- NESS (MG/L AS CACO3)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
84-03-01	--	--	230	280	0	18	220	70	12	9.7	3.5	0.70
84-04-12	2.8	643	220	270	0	17	--	--	--	--	3.2	--
84-05-25	3.1	642	210	260	0	21	--	--	--	--	2.9	--
85-08-07	4.9	641	140	170	0	8.5	170	49	11	12	2.4	.70
85-08-07	1.3	640	140	170	0	6.8	140	40	9.9	9.7	2.9	.50
85-08-08	2.8	640	140	170	0	6.8	150	44	10	11	2.2	.70
85-08-08	2.5	641	140	170	0	5.4	160	44	11	11	2.4	.70
84-03-08	6.4	647	160	200	0	13	180	54	11	11	2.2	.70
84-04-11	5.9	--	160	200	0	10	--	--	--	--	--	--
84-05-23	7.4	641	160	200	0	10	--	--	--	--	2.2	--
84-10-10	5.0	639	210	260	0	16	--	--	--	--	2.2	--
84-07-24	3.7	647	250	310	0	31	--	--	--	--	--	--
84-01-31	<.1	--	220	270	0	22	220	59	18	15	4.5	.90
84-03-07	.1	648	210	260	0	8.2	--	--	--	--	--	--
84-04-10	.1	635	280	340	0	14	--	--	--	--	4.1	--
84-05-22	.2	645	210	260	0	13	--	--	--	--	3.9	--
84-07-18	.4	640	260	310	0	16	--	--	--	--	4.8	--
84-10-03	.2	640	220	270	0	22	200	52	18	14	4.6	.90
85-04-04	.1	641	300	370	0	19	--	--	--	--	5.2	--
85-04-17	.2	635	320	390	0	20	--	--	--	--	5.9	--
85-06-13	.1	642	290	350	0	22	270	72	22	17	5.3	.80
85-08-07	.4	641	280	340	0	22	260	68	21	16	5.4	.80
84-03-08	7.0	648	140	170	0	6.8	150	45	10	11	2.8	.80
84-04-10	8.0	639	120	150	0	9.5	--	--	--	--	2.3	--
84-05-23	8.0	641	150	180	0	11	--	--	--	--	2.1	--
84-07-19	6.3	645	220	270	0	22	--	--	--	--	2.1	--
84-10-10	5.8	640	200	240	0	19	210	65	11	11	1.5	.60
85-06-13	3.1	640	170	210	0	13	190	58	11	10	2.6	.60
84-03-06	1.0	646	240	290	0	12	260	73	19	15	2.6	.90
84-04-10	.3	--	260	310	0	12	--	--	--	--	--	--
84-05-22	.2	645	320	390	0	20	--	--	--	--	3.0	--
84-07-19	.5	645	260	320	0	20	--	--	--	--	2.6	--
84-10-10	.1	640	240	290	0	18	240	70	17	13	2.4	.80
85-04-04	.7	641	200	270	0	14	--	--	--	--	2.8	--
85-04-17	.2	635	260	310	0	12	--	--	--	--	2.7	--
85-06-13	.4	641	260	320	0	20	270	79	18	14	2.5	.80
85-07-24	.8	642	260	320	0	20	--	--	--	--	--	--
85-08-07	.7	641	190	230	0	23	200	57	13	11	2.5	.80

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE, DIS- SOLVED (MG/L AS SO4)	SILICA, DIS- SOLVED (MG/L AS SIO2)	CARBON, ORGANIC, DISSOLVED (MG/L AS C)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DISSOLVED (MG/L AS N)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA, DIS- SOLVED (MG/L AS NH4)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	IRON, DIS- SOLVED (UG/L AS FE)
84-03-01	7.9	26	23	1.3	--	0.41	0.050	--	--	0.06	--	7
84-04-12	--	25	--	.90	--	.52	.020	0.30	0.28	.03	--	8
84-05-25	--	--	--	.80	--	.60	<.010	.60	--	--	0.060	10
85-08-07	8.5	28	19	1.3	--	.48	.020	<.20	--	.03	--	24
85-08-07	7.7	25	15	1.2	--	.31	.040	.30	.26	.05	--	52
85-08-08	7.4	26	17	1.0	--	.13	.030	.10	.07	.04	--	36
85-08-08	8.1	26	18	1.0	--	.28	.020	<.10	--	.03	--	19
84-03-08	11	32	17	.80	--	.64	.030	--	--	.04	--	<3
84-04-11	--	--	--	--	--	--	--	--	--	--	--	--
84-05-23	--	--	--	.60	--	1.7	<.010	.30	--	--	.060	5
84-10-10	--	--	--	--	--	1.5	<.010	.20	--	--	--	<3
84-07-24	--	--	--	--	--	.92	<.010	.50	--	--	--	--
84-01-31	13	28	24	--	--	.10	--	--	--	--	--	1800
84-03-07	--	--	--	.90	--	<.10	.910	--	--	1.2	--	1700
84-04-10	--	16	--	1.4	<0.01	<.10	.760	1.3	.54	.98	--	1400
84-05-22	--	--	--	.90	--	<.10	.390	.90	.51	.50	.050	460
84-07-18	--	--	--	1.5	--	<.10	.980	1.3	.32	1.3	<.010	2000
84-10-03	12	23	24	2.3	--	<.10	.810	1.0	.19	1.0	.020	1700
85-04-04	--	--	--	--	--	--	--	--	--	--	--	1900
85-04-17	--	--	--	--	--	<.10	1.20	1.7	.50	1.5	--	3000
85-06-13	15	18	25	1.9	--	<.10	1.00	--	--	1.3	--	2300
85-08-07	14	17	24	2.3	--	.13	1.20	1.4	.20	1.5	--	2200
84-03-08	11	28	16	.80	--	.44	.020	--	--	.03	--	5
84-04-10	--	30	--	.60	--	.60	.050	.30	.25	.06	--	6
84-05-23	--	--	--	.90	--	.70	<.010	.70	--	--	.060	4
84-07-19	--	--	--	1.1	--	1.6	.030	.40	.37	.04	.030	5
84-10-10	9.6	24	17	2.8	--	.44	<.010	.30	--	--	.010	5
85-06-13	7.5	29	16	2.2	--	.22	.020	--	--	.03	--	5
84-03-06	19	28	21	1.1	--	<.10	.090	--	--	.12	--	53
84-04-10	--	--	--	--	--	--	--	--	--	--	--	28
84-05-22	--	--	--	1.2	--	<.10	.040	.40	.36	.05	.010	77
84-07-19	--	--	--	1.1	--	.48	.030	.40	.37	.04	<.010	4
84-10-10	11	24	21	2.4	--	<.10	.040	<.20	--	.05	<.010	29
85-04-04	--	--	--	--	--	--	--	--	--	--	--	25
85-04-17	--	--	--	--	--	<.10	.090	.60	.51	.12	--	34
85-06-13	15	22	21	3.7	--	.21	.040	--	--	.05	--	13
85-07-24	--	--	--	1.6	--	.56	.100	.30	.20	.13	--	8
85-08-07	8.3	23	23	2.0	--	<.10	.440	.60	.16	.57	--	950

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	IRON, SUS- PENDED RECOV- ERABLE (UG/L AS FE)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	ZINC, DIS- SOLVED (UG/L AS ZN)
84-03-01	--	--	<1	--
84-04-12	--	<10	2	95
84-05-25	--	40	<10	120
85-08-07	--	--	6	12
85-08-07	--	--	62	38
85-08-08	--	--	27	11
85-08-08	--	--	6	16
84-03-08	--	--	<1	--
84-04-11	--	--	--	--
84-05-23	--	220	2	46
84-10-10	--	--	<1	39
84-07-24	--	--	--	--
84-01-31	--	--	2600	--
84-03-07	--	--	2500	--
84-04-10	0	1300	2700	47
84-05-22	--	430	1800	49
84-07-18	--	2000	2900	32
84-10-03	--	--	2500	56
85-04-04	--	--	2900	51
85-04-17	--	--	3400	36
85-06-13	--	--	3000	47
85-08-07	--	--	2800	20
84-03-08	--	--	<1	--
84-04-10	--	<10	2	45
84-05-23	--	30	<1	55
84-07-19	--	<10	3	39
84-10-10	--	--	<1	66
85-06-13	--	--	46	33
84-03-06	--	--	2800	--
84-04-10	30	--	3100	--
84-05-22	--	80	3800	21
84-07-19	--	20	1700	<3
84-10-10	--	--	1600	5
85-04-04	--	--	2200	12
85-04-17	--	--	3000	33
85-06-13	--	--	1500	5
85-07-24	--	--	2200	320
85-08-07	--	--	3400	9

Table 3.--Ground-water quality data, 1984 and 1985--Continued

WELL NUM- BER	WELL LOCA- TION	DATE OF SAMPLE	TIME	SPE- CIFIC CONDUCTANCE* (UMHOS)	SPE- CIFIC CONDUCTANCE, LAB (UMHOS)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C, DIS- SOLVED (MG/L)	SOLIDS/ SPE- CIFIC CONDUCTANCE, RATIO	CATION/ ANION, PERCENT DIFFER- ENCE	TEMPER- ATURE* (DEG. C)	PH* (STAN- DARD UNITS)
M6.	2S-35E-28CDCD2	85-08-07	1500	354	362	217	210	0.59	0.80	9.5	7.3
M9.	2S-35E 28DDDD1	85-08-08	1030	318	333	210	186	.58	-5.03	13.0	7.7
65.	2S-35E-32AAB1	84-05-31	0940	470	453	--	--	--	--	12.5	7.5
		84-07-24	1545	450	--	--	--	--	--	12.5	7.3
		84-10-12	0940	443	454	--	--	--	--	12.0	7.4
66.	2S-35E-32ABCC1	84-04-12	1915	456	--	--	--	--	--	10.5	7.3
		84-05-31	1215	491	493	--	--	--	--	10.5	7.4
		84-07-24	1845	450	453	--	--	--	--	10.5	7.3
		84-10-12	1730	437	448	--	--	--	--	10.5	7.3
67.	2S-35E-32ACC1	84-05-31	2000	473	465	--	--	--	--	11.5	7.4
		84-07-25	0945	506	509	--	--	--	--	12.0	7.3
		84-10-11	1745	523	534	--	--	--	--	12.0	7.3
68.	2S-35E-32ACDD1	84-03-02	0945	494	500	300	299	.61	-1.35	11.0	7.4
69.	2S-35E-32ACDD2	84-03-01	1645	456	507	300	304	.67	-1.67	11.5	7.3
		84-04-11	1450	517	511	--	306	.59	--	12.5	7.3
		84-05-24	1720	432	432	--	--	--	--	12.5	7.3
		84-07-25	1045	475	476	--	--	--	--	12.5	7.4
		84-10-12	1120	502	515	--	--	--	--	12.0	7.3
72.	2S-35E-32ADDC1	84-02-02	1445	553	549	330	319	.58	-1.03	10.0	7.1
		84-03-06	1330	533	545	--	313	.59	--	10.0	7.4
		84-04-11	1305	635	626	--	361	.57	--	10.5	7.4
		84-05-22	1745	527	530	--	--	--	--	10.5	7.2
		84-07-24	1040	651	648	--	--	--	--	10.5	7.2
		84-10-10	1215	494	508	290	276	.56	-2.06	10.5	7.4
73.	2S-35E-32ADDD1	84-03-06	1500	523	536	--	--	--	--	10.5	7.4
74.	2S-35E-32BAA1	84-05-31	1730	494	483	--	--	--	--	12.5	7.4
		84-07-24	1645	509	491	--	--	--	--	12.5	7.3
		84-10-12	1020	463	475	--	--	--	--	12.0	7.3
76.	2S-35E-32CAD1	84-05-31	1400	418	414	--	--	--	--	12.0	7.6
		84-07-25	1245	406	409	--	--	--	--	12.5	7.5
		84-10-11	1215	441	453	--	--	--	--	11.5	7.4
79.	2S-35E-32CCDD1	84-03-01	1445	422	432	270	--	.64	-4.21	12.0	7.4
		84-04-12	1100	518	510	--	307	.59	--	11.5	7.2
		84-05-23	1440	568	579	--	--	--	--	13.0	7.1
		84-07-25	1330	520	518	--	--	--	--	12.5	7.2
		84-10-11	1030	480	493	--	--	--	--	13.5	7.2
82.	2S-35E-32CDDC2	84-02-28	1715	369	372	230	220	.60	-.25	13.0	7.5
		84-04-10	1610	388	396	230	243	.63	-3.75	12.0	7.5
		84-05-22	1350	456	449	--	--	--	--	11.0	7.3
		84-07-25	1130	402	402	--	--	--	--	11.0	7.4

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	OXYGEN*, DIS- SOLVED (MG/L)	BARO- METRIC PRES- SURE* (MM OF HG)	ALKA- LITY* (MG/L AS CACO3)	BICAR- BONATE* FET-FLD (MG/L AS HCO3)	CAR- BONATE* FET-FLD (MG/L AS CO3)	CARBON DIOXIDE, DIS- SOLVED (MG/L AS CO2)	HARD- NESS (MG/L AS CACO3)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
85-08-07	1.1	641	150	180	0	14	160	47	11	12	3.7	0.70
85-08-08	.4	641	150	180	0	5.7	140	39	9.5	12	4.0	.80
84-05-31	3.3	642	210	260	0	13	--	--	--	--	2.5	--
84-07-24	8.0	646	210	260	0	21	--	--	--	--	--	--
84-10-12	5.7	643	180	220	0	14	--	--	--	--	2.6	--
84-04-12	.9	--	180	220	0	18	--	--	--	--	--	--
84-05-31	.4	642	190	230	0	15	--	--	--	--	3.0	--
84-07-24	1.0	646	200	240	0	19	--	--	--	--	--	--
84-10-12	.2	644	180	220	0	18	--	--	--	--	2.9	--
84-05-31	4.8	639	200	240	0	15	--	--	--	--	3.0	--
84-07-25	4.5	647	210	260	0	21	--	--	--	--	--	--
84-10-11	3.3	637	230	280	0	18	--	--	--	--	3.4	--
84-03-02	--	--	210	260	0	16	230	67	16	14	3.6	.70
84-03-01	--	--	220	270	0	22	240	69	16	14	3.5	.70
84-04-11	4.5	643	230	280	0	22	--	--	--	--	3.2	--
84-05-24	6.3	640	180	220	0	18	--	--	--	--	2.8	--
84-07-25	5.2	645	210	250	0	16	--	--	--	--	--	--
84-10-12	4.8	643	220	270	0	22	--	--	--	--	3.3	--
84-02-02	.1	--	220	270	0	34	230	65	17	25	3.6	.80
84-03-06	.3	647	210	260	0	16	--	--	--	--	--	--
84-04-11	.2	643	240	300	0	19	--	--	--	--	3.5	--
84-05-22	.4	645	190	230	0	23	--	--	--	--	3.4	--
84-07-24	.8	648	210	260	0	26	--	--	--	--	--	--
84-10-10	.6	640	210	250	0	16	210	60	14	23	2.9	.80
84-03-06	--	647	220	270	0	17	--	--	--	--	--	--
84-05-31	.3	639	220	270	0	17	--	--	--	--	3.3	--
84-07-24	3.6	646	230	280	0	22	--	--	--	--	--	--
84-10-12	1.8	644	210	260	0	21	--	--	--	--	3.1	--
84-05-31	6.5	641	170	210	0	8.4	--	--	--	--	3.1	--
84-07-25	5.3	646	190	230	0	12	--	--	--	--	--	--
84-10-11	4.2	636	200	240	0	15	--	--	--	--	3.0	--
84-03-01	--	--	200	240	0	15	200	63	11	10	2.3	.80
84-04-12	.7	642	230	280	0	28	--	--	--	--	2.4	--
84-05-23	2.7	641	250	310	0	39	--	--	--	--	2.7	--
84-07-25	2.8	645	250	300	0	30	--	--	--	--	--	--
84-10-11	2.2	636	220	270	0	27	--	--	--	--	2.4	--
84-02-28	2.7	--	150	190	0	9.5	170	51	11	11	2.1	.70
84-04-10	4.5	636	160	190	0	9.5	170	50	11	11	2.3	.70
84-05-22	.4	646	190	230	0	18	--	--	--	--	2.3	--
84-07-25	.3	646	200	240	0	15	--	--	--	--	--	--

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE, DIS- SOLVED (MG/L AS SO4)	SILICA, DIS- SOLVED (MG/L AS SIO2)	CARBON, ORGANIC, DISSOLVED (MG/L AS C)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DISSOLVED (MG/L AS N)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA, DIS- SOLVED (MG/L AS NH4)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	IRON, DIS- SOLVED (UG/L AS FE)
85-08-07	8.5	26	18	1.3	--	<0.10	0.140	0.50	0.36	0.18	--	46
85-08-08	7.3	24	20	1.9	--	<.10	.470	1.0	.53	.61	--	1100
84-05-31	--	--	--	.80	--	.35	<.010	.30	--	--	0.010	10
84-07-24	--	--	--	--	--	.67	<.010	.40	--	--	--	--
84-10-12	--	--	--	--	--	1.5	<.010	.20	--	--	--	--
84-04-12	--	--	--	--	--	--	--	--	--	--	--	--
84-05-31	--	--	--	.70	--	1.8	<.010	1.0	--	--	.010	10
84-07-24	--	--	--	--	--	.85	<.010	.60	--	--	--	--
84-10-12	--	--	--	--	--	.84	<.010	<.20	--	--	--	--
84-05-31	--	--	--	.90	--	2.4	.100	.70	.60	.13	.070	20
84-07-25	--	--	--	--	--	2.7	.010	.40	.39	.01	--	--
84-10-11	--	--	--	--	--	3.4	.080	.50	.42	.10	--	--
84-03-02	13	35	23	.50	--	2.5	.040	--	--	.05	--	4
84-03-01	11	35	22	1.1	--	2.2	.080	--	--	.10	--	12
84-04-11	--	34	--	.60	0.02	2.1	.040	1.1	1.1	.05	--	9
84-05-24	--	--	--	.70	--	1.2	<.010	.50	--	--	.030	10
84-07-25	--	--	--	--	--	1.9	.010	.20	.19	.01	--	--
84-10-12	--	--	--	--	--	2.2	<.010	.50	--	--	--	--
84-02-02	27	35	21	--	--	<.10	--	--	--	--	--	59
84-03-06	--	--	--	.80	--	<.10	.210	--	--	.27	--	100
84-04-11	--	33	--	1.0	<.01	.36	.150	.30	.15	.19	--	23
84-05-22	--	--	--	.70	--	5.2	.370	1.2	.83	.48	.020	29
84-07-24	--	--	--	--	--	1.5	.030	.40	.37	.04	--	8
84-10-10	20	27	21	2.7	--	1.1	.030	.40	.37	.04	.010	4
84-03-06	--	--	--	1.1	--	<.10	.150	--	--	.19	--	--
84-05-31	--	--	--	.70	--	.42	.020	.50	.48	.03	.010	7
84-07-24	--	--	--	--	--	1.5	.010	.30	.29	.01	--	--
84-10-12	--	--	--	--	--	.79	<.010	<.20	--	--	--	--
84-05-31	--	--	--	.70	--	.99	<.010	.30	--	--	.010	<10
84-07-25	--	--	--	--	--	.99	<.010	.80	--	--	--	--
84-10-11	--	--	--	--	--	1.6	.020	.30	.28	.03	.010	50
84-03-01	9.4	30	21	.60	--	<.10	.040	--	--	.05	--	4
84-04-12	--	33	--	.60	<.01	.35	.030	5.0	5.0	.04	--	5
84-05-23	--	--	--	.50	--	.36	<.010	.40	--	--	.050	<3
84-07-25	--	--	--	--	--	1.2	<.010	.40	--	--	--	--
84-10-11	--	--	--	--	--	.75	<.010	.20	--	--	.010	12
84-02-28	9.7	32	17	.60	--	.25	.040	--	--	.05	--	4
84-04-10	11	32	16	.50	<.01	.48	.040	.20	.16	.05	--	<3
84-05-22	--	--	--	.60	--	.26	<.010	.70	--	--	.050	14
84-07-25	--	--	--	--	--	<.10	.020	.30	.28	.03	--	--

Table 3.--Ground-water quality data 1984 and 1985--Continued

WELL NUM- BER	WELL LOCA- TION	DATE OF SAMPLE	TIME	SPE- CIFIC CONDUCT- TANCE* (UMHOS)	SPE- CIFIC CONDUCT- TANCE, LAB (UMHOS)	SOLIDS, SUM OF CONSTITU- ENTS, DIS- SOLVED (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C, DIS- SOLVED (MG/L)	SOLIDS/ SPE- CIFIC CONDUCT- TANCE, RATIO	CATION/ ANION, PERCENT DIFFER- ENCE	TEMPER- ATURE* (DEG. C)	PH* (STAN- DARD UNITS)
82.	(CONTINUED)	84-10-11	1300	399	412	240	220	0.55	-1.15	14.5	7.3
85.	2S-35E-32DACA1	84-01-31	1430	510	501	310	284	.57	.21	11.0	7.4
		84-03-06	1025	495	506	--	298	.60	--	11.5	7.2
		84-05-24	1430	353	356	--	--	--	--	9.5	7.3
		84-07-26	1130	438	357	--	--	--	--	10.0	7.4
		84-10-04	1300	479	489	--	--	--	--	12.0	7.3
86.	2S-35E-32DADA1	84-02-02	1530	497	511	310	303	.61	-2.19	12.0	7.3
		84-03-06	1600	488	508	--	302	.62	--	12.5	7.3
		84-04-11	1700	461	514	--	288	.62	--	12.5	7.2
		84-05-23	1810	450	444	--	--	--	--	12.5	7.3
		84-07-24	1945	475	481	--	--	--	--	12.0	7.3
		84-10-10	1845	529	533	--	--	--	--	12.0	7.0
87.	2S-35E-32DADB1	84-02-02	1620	509	515	320	300	.59	-1.85	12.5	7.4
		84-03-06	1200	512	515	--	306	.60	--	12.0	7.3
		84-04-11	1615	515	--	--	--	--	--	12.5	7.3
		84-05-24	1815	402	405	--	--	--	--	11.5	7.3
88.	2S-35E-32DBCA1	84-02-02	1345	477	469	280	268	.56	-1.19	12.0	7.3
		84-03-07	1415	468	478	--	281	.60	--	12.0	7.4
		84-04-13	1215	439	447	--	259	.59	--	11.0	7.5
		84-05-31	1115	367	375	--	--	--	--	10.0	7.6
		84-07-26	1230	381	385	--	--	--	--	9.5	7.5
		84-10-12	1315	443	455	--	--	--	--	11.0	7.3
89.	2S-35E-32DCCA1	84-03-07	1715	442	452	250	263	.62	-1.35	11.0	7.5
		84-04-10	1100	413	420	--	272	.66	--	10.5	7.4
		84-05-31	1315	364	364	--	--	--	--	10.0	7.6
		84-07-19	1215	382	382	--	--	--	--	11.0	7.4
92.	2S-35E-32DCCC1	84-04-13	1850	389	387	--	215	.55	--	9.0	7.7
93.	2S-35E-32DDBD1	84-04-12	1545	396	407	--	235	.59	--	9.0	7.5
		84-05-24	1000	371	376	--	--	--	--	10.0	7.6
		84-07-25	1510	324	344	--	--	--	--	14.0	7.6
		84-10-11	1615	347	354	--	--	--	--	15.5	7.6
95.	2S-35E-33ABAD1	84-02-02	1000	545	516	330	303	.56	-5.90	11.5	7.5
		84-02-28	1033	519	522	320	305	.59	-2.66	11.5	7.6
		84-04-13	1615	696	670	--	--	--	--	12.0	7.3
		84-05-25	0950	647	--	--	--	--	--	11.5	7.4
		84-07-27	0915	1070	1060	--	--	--	--	10.5	6.8
		84-10-04	1500	694	701	430	--	.62	-3.98	11.0	7.0
		85-04-05	1000	1450	--	--	--	--	--	--	--
		85-04-17	1400	1300	--	--	--	--	--	10.0	7.4
		85-05-03	1200	1220	--	--	--	--	--	--	--

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	IRON, SUS- PENDED RECOV- ERABLE (UG/L AS FE)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	ZINC, DIS- SOLVED (UG/L AS ZN)
85-08-07	--	--	140	33
85-08-08	--	--	1500	17
84-05-31	--	120	<10	70
84-07-24	--	--	--	--
84-10-12	--	--	--	40
84-04-12	--	--	--	--
84-05-31	--	20	30	80
84-07-24	--	--	--	--
84-10-12	--	--	--	10
84-05-31	--	30	<10	40
84-07-25	--	--	--	--
84-10-11	--	--	--	40
84-03-02	--	--	<1	--
84-03-01	--	--	<1	--
84-04-11	30	40	4	180
84-05-24	--	<10	<10	70
84-07-25	--	--	--	--
84-10-12	--	--	--	50
84-02-02	--	--	490	--
84-03-06	--	--	600	--
84-04-11	60	80	580	65
84-05-22	--	20	180	58
84-07-24	--	--	23	63
84-10-10	--	--	35	21
84-03-06	--	--	--	--
84-05-31	--	50	10	110
84-07-24	--	--	--	--
84-10-12	--	--	--	40
84-05-31	--	80	20	90
84-07-25	--	--	--	--
84-10-11	--	--	<10	80
84-03-01	--	--	18	--
84-04-12	20	20	7	76
84-05-23	--	30	<1	78
84-07-25	--	--	--	--
84-10-11	--	--	<1	28
84-02-28	--	--	37	--
84-04-10	--	<10	6	72
84-05-22	--	60	48	79
84-07-25	--	--	--	--

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	OXYGEN*, DIS- SOLVED (MG/L)	BARO- METRIC PRES- SURE* (MM OF HG)	ALKA- LINITY* (MG/L AS CaCO3)	BICAR- BONATE* FET-FLD (MG/L AS HCO3)	CAR- BONATE* FET-FLD (MG/L AS CO3)	CARBON DIOXIDE, DIS- SOLVED (MG/L AS CO2)	HARD- NESS (MG/L AS CaCO3)	CALCIUM, DIS- SOLVED (MG/L AS Ca)	MAGNE- SIUM, DIS- SOLVED (MG/L AS Mg)	SODIUM, DIS- SOLVED (MG/L AS Na)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
84-10-11	0.2	635	180	220	0	18	190	58	11	9.9	2.3	0.70
84-01-31	<.1	--	210	260	0	16	240	70	17	14	3.4	.60
84-03-06	4.7	648	200	250	0	25	--	--	--	--	--	--
84-05-24	7.3	--	150	180	0	14	--	--	--	--	2.4	--
84-07-26	4.7	645	200	240	0	15	--	--	--	--	--	--
84-10-04	4.9	640	210	260	0	21	--	--	--	--	3.3	--
84-02-02	--	--	220	270	0	22	240	69	16	14	3.4	.70
84-03-06	4.6	647	220	270	0	22	--	--	--	--	--	--
84-04-11	5.0	643	210	260	0	26	--	--	--	--	3.3	--
84-05-23	5.4	642	190	230	0	18	--	--	--	--	2.9	--
84-07-24	5.4	646	210	260	0	21	--	--	--	--	--	--
84-10-10	4.2	637	230	280	0	44	--	--	--	--	3.2	--
84-02-02	--	--	230	280	0	18	240	70	17	14	3.6	.70
84-03-06	4.5	648	220	270	0	22	--	--	--	--	--	--
84-04-11	5.6	--	220	270	0	22	--	--	--	--	--	--
84-05-24	7.3	640	160	200	0	16	--	--	--	--	2.7	--
84-02-02	--	--	200	240	0	19	220	63	16	13	3.1	.70
84-03-07	7.6	648	200	250	0	16	--	--	--	--	--	--
84-04-13	6.0	650	180	210	0	11	--	--	--	--	2.7	--
84-05-31	6.1	642	160	190	0	7.6	--	--	--	--	2.7	--
84-07-26	4.1	645	170	210	0	11	--	--	--	--	--	--
84-10-12	4.4	644	200	240	0	19	--	--	--	--	3.1	--
84-03-07	4.4	648	180	210	0	11	200	59	14	12	2.6	.70
84-04-10	4.5	637	180	210	0	13	--	--	--	--	2.4	--
84-05-31	2.8	641	160	200	0	8.0	--	--	--	--	2.1	--
84-07-19	1.2	646	180	220	0	14	--	--	--	--	2.3	--
84-04-13	8.9	649	150	180	0	5.7	--	--	--	--	1.8	--
84-04-12	7.6	641	160	190	0	9.5	--	--	--	--	2.2	--
84-05-24	8.8	641	150	180	0	7.2	--	--	--	--	1.6	--
84-07-25	5.3	645	150	180	0	7.2	--	--	--	--	--	--
84-10-11	4.0	635	150	180	0	7.2	--	--	--	--	2.4	--
84-02-02	.0	--	250	300	0	15	220	58	18	16	9.8	.90
84-02-28	--	--	230	280	0	11	220	58	19	16	9.4	.90
84-04-13	.2	650	310	380	0	30	--	--	--	--	13	--
84-05-25	1.1	642	320	390	0	25	--	--	--	--	9.9	--
84-07-27	.7	643	510	620	0	156	--	--	--	--	50	--
84-10-04	.6	640	350	430	0	68	290	80	21	21	26	.60
85-04-05	--	--	--	--	--	--	--	--	--	--	34	--
85-04-17	.2	636	520	630	0	40	--	--	--	--	25	--
85-05-03	--	--	--	--	--	--	--	--	--	--	--	--

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE, DIS- SOLVED (MG/L AS SO4)	SILICA, DIS- SOLVED (MG/L AS SIO2)	CARBON, ORGANIC, DISSOLVED (MG/L AS C)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DISSOLVED (MG/L AS N)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA, DIS- SOLVED (MG/L AS NH4)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	IRON, DIS- SOLVED (UG/L AS FE)
84-10-11	7.6	26	19	2.0	--	<0.10	<0.010	<0.20	--	--	0.010	10
84-01-31	17	35	22	--	--	1.6	--	--	--	--	--	<3
84-03-06	--	--	--	.70	--	1.6	.020	--	--	0.03	--	40
84-05-24	--	--	--	--	--	--	--	--	--	--	--	30
84-07-26	--	--	--	--	--	1.3	<.010	1.0	--	--	--	--
84-10-04	--	--	--	2.9	--	1.6	.010	<.20	--	.01	.020	<3
84-02-02	14	36	22	--	--	1.5	--	--	--	--	--	5
84-03-06	--	--	--	.70	--	1.4	.020	--	--	.03	--	20
84-04-11	--	34	--	.50	0.01	1.7	.030	.70	0.67	.04	--	14
84-05-23	--	--	--	.80	--	1.3	<.010	.20	--	--	.060	50
84-07-24	--	--	--	--	--	1.5	.010	.20	.19	.01	--	--
84-10-10	--	--	--	2.6	--	1.8	<.010	.60	--	--	.020	7
84-02-02	14	36	23	--	--	.16	--	--	--	--	--	4
84-03-06	--	--	--	.70	--	1.6	.050	--	--	.06	--	40
84-04-11	--	--	--	--	--	--	--	--	--	--	--	--
84-05-24	--	--	--	.80	--	1.0	<.010	.80	--	--	.060	30
84-02-02	13	35	21	--	--	1.2	--	--	--	--	--	7
84-03-07	--	--	--	.60	--	1.4	.030	--	--	.04	--	50
84-04-13	--	34	--	.40	.01	1.0	.050	.20	.15	.06	--	5
84-05-31	--	--	--	.80	--	.67	<.010	.60	--	--	.010	40
84-07-26	--	--	--	--	--	.77	<.010	.40	--	--	--	--
84-10-12	--	--	--	--	--	1.1	<.010	.30	--	--	--	--
84-03-07	12	26	19	.80	--	.67	.040	--	--	.05	--	55
84-04-10	--	32	--	.40	--	.70	.030	<.20	--	.04	--	18
84-05-31	--	--	--	.90	--	.13	<.010	.40	--	--	.020	66
84-07-19	--	--	--	1.1	--	.32	.010	.20	.19	.01	.020	79
84-04-13	--	36	--	.60	--	.88	.020	.50	.48	.03	--	3
84-04-12	--	37	--	.70	--	.78	.030	.40	.37	.04	--	9
84-05-24	--	--	--	.70	--	1.0	<.010	.60	--	--	.020	20
84-07-25	--	--	--	--	--	.37	.020	.20	.18	.03	--	--
84-10-11	--	--	--	--	--	.49	.010	.20	.19	.01	--	--
84-02-02	15	34	27	--	--	<.10	--	--	--	--	--	3800
84-02-28	12	34	27	1.3	--	<.10	1.30	--	--	1.7	--	1800
84-04-13	--	21	--	1.9	--	1.4	1.30	1.8	.50	1.7	--	2900
84-05-25	--	--	--	2.0	--	.78	1.10	1.6	.50	1.4	.050	1700
84-07-27	--	--	--	2.6	--	9.0	.650	1.2	.55	.84	.030	120
84-10-04	15	24	24	4.4	--	.57	1.10	1.4	.30	1.4	<.010	530
85-04-05	--	--	--	--	--	--	--	--	--	--	--	620
85-04-17	--	--	--	--	--	9.6	1.40	2.7	1.3	1.8	--	--
85-05-03	--	--	--	--	--	--	--	--	--	--	--	--

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	IRON, SUS- PENDED RECOV- ERABLE (UG/L AS FE)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	ZINC, DIS- SOLVED (UG/L AS ZN)
84-10-11	--	--	1400	35
84-01-31	--	--	<1	--
84-03-06	--	--	<10	--
84-05-24	--	50	<10	40
84-07-26	--	--	--	--
84-10-04	--	--	<1	13
84-02-02	--	--	6	--
84-03-06	--	--	<10	--
84-04-11	30	40	9	150
84-05-23	--	<70	<10	40
84-07-24	--	--	--	30
84-10-10	--	--	320	34
84-02-02	--	--	2	--
84-03-06	--	--	<10	--
84-04-11	--	--	--	--
84-05-24	--	290	<10	70
84-02-02	--	--	2	--
84-03-07	--	--	<10	--
84-04-13	20	20	3	15
84-05-31	--	240	10	50
84-07-26	--	--	--	--
84-10-12	--	--	--	<10
84-03-07	--	--	240	--
84-04-10	120	140	150	63
84-05-31	--	250	360	22
84-07-19	--	180	490	15
84-04-13	230	230	<1	58
84-04-12	50	60	6	54
84-05-24	--	80	<10	40
84-07-25	--	--	--	--
84-10-11	--	--	--	40
84-02-02	--	--	3100	--
84-02-28	--	--	3000	--
84-04-13	--	3200	3600	90
84-05-25	--	3600	3500	70
84-07-27	--	--	650	170
84-10-04	--	--	1700	160
85-04-05	--	--	4000	230
85-04-17	--	--	--	100
85-05-03	--	--	--	--

Table 3.--Ground-water quality data, 1984 and 1985--Continued

WELL NUM- BER	WELL LOCA- TION	DATE OF SAMPLE	TIME	SPE- CIFIC CONDUCTANCE* (UMHOS)	SPE- CIFIC CONDUCTANCE, LAB (UMHOS)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C, DIS- SOLVED (MG/L)	SOLIDS/ SPE- CIFIC CONDUCTANCE, RATIO	CATION/ ANION, PERCENT DIFFER- ENCE	TEMPER- ATURE* (DEG. C)	PH* (STAN- DARD UNITS)
95.	(CONTINUED)	85-06-14	1000	818	827	500	477	0.58	-4.68	11.0	7.0
		85-07-24	1030	749	--	--	--	--	--	11.0	7.1
		85-08-09	1030	857	940	530	482	.56	-7.13	11.0	6.9
96.	2S-35E-33BABD1	84-01-31	1630	467	485	300	296	.63	-2.74	8.5	7.3
		84-03-07	1230	459	463	--	268	.58	--	11.5	7.4
		84-04-11	1010	620	627	--	357	.58	--	11.0	7.4
		84-05-23	1240	572	544	--	--	--	--	11.0	7.3
		84-07-19	1130	439	434	--	--	--	--	11.0	7.3
		84-10-10	1300	450	462	270	260	.58	-4.40	12.0	7.5
		85-04-04	1630	671	--	--	--	--	--	10.5	7.3
		85-04-17	1715	797	--	--	--	--	--	10.0	7.5
		85-06-13	0945	474	494	290	273	.58	-1.76	10.5	7.3
97.	2S-35E-33BADB1	84-02-02	0915	508	539	330	318	.63	-2.59	10.0	7.3
		84-02-28	0915	507	515	320	304	.60	-2.52	10.0	7.4
		84-04-13	1530	739	721	430	380	.58	-1.32	10.0	7.0
		84-05-25	0910	564	571	--	--	--	--	10.5	7.2
		84-07-27	0850	531	--	--	--	--	--	10.5	7.3
		84-10-04	1430	475	488	290	273	.57	-2.48	10.0	7.4
		85-04-05	0945	709	--	--	--	--	--	--	--
		85-04-18	0945	886	--	--	--	--	--	9.0	7.1
		85-05-03	1200	779	--	--	--	--	--	--	--
		85-06-14	0915	576	601	350	332	.58	-1.14	10.0	7.2
		85-07-24	0930	546	--	--	--	--	--	10.0	7.2
		85-08-09	0930	512	528	310	306	.60	.46	10.0	7.2
98.	2S-35E-33BBBC1	84-06-01	1200	499	485	--	--	--	--	11.5	7.5
		84-07-24	1345	425	379	--	--	--	--	11.5	7.2
		84-10-10	1545	421	428	250	243	.58	1.13	11.0	7.3
99.	2S-35E-33BCBD1	84-02-01	1100	373	374	--	208	.56	-1.08	9.0	7.5
		84-07-24	1150	400	404	--	--	--	--	9.5	7.2
		85-06-13	1330	425	446	260	244	.57	-.30	10.0	7.1
101.	2S-35E-33BCDC1	84-02-01	0930	563	543	330	--	.59	-2.30	8.5	7.3
		84-03-07	0930	515	533	--	313	.61	--	9.5	7.4
		84-04-11	0910	680	688	--	359	.53	--	10.0	7.4
		84-05-23	0915	589	586	--	--	--	--	10.5	7.4
		84-07-24	0930	550	--	--	--	--	--	11.5	7.3
		84-10-10	0900	486	502	290	293	.60	-4.09	11.0	7.3
		85-06-13	1200	441	458	260	262	.59	--	10.5	7.3
103.	2S-35E-33CABC2	85-08-09	1230	501	511	300	292	.58	.42	9.0	7.5
105.	2S-35E-33CBAA1	84-02-01	1530	411	422	250	260	.63	-3.64	9.0	8.0

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	OXYGEN*, DIS- SOLVED (MG/L)	BARO- METRIC PRES- SURE* (MM OF HG)	ALKA- LINITY* (MG/L AS CACO3)	BICAR- BONATE* FET-FLD (MG/L AS HCO3)	CAR- BONATE* FET-FLD (MG/L AS CO3)	CARBON DIOXIDE, DIS- SOLVED (MG/L AS CO2)	HARD- NESS (MG/L AS CACO3)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
85-06-14	0.5	644	430	530	0	84	370	100	29	24	19	0.60
85-07-24	.0	642	380	460	0	58	--	--	--	--	--	--
85-08-09	.6	646	450	550	0	110	360	100	27	24	23	.60
84-01-31	<.1	--	200	250	0	20	200	54	16	19	5.5	.80
84-03-07	.4	648	190	240	0	15	--	--	--	--	--	--
84-04-11	.8	642	290	360	0	23	--	--	--	--	6.1	--
84-05-23	.2	641	250	310	0	25	--	--	--	--	6.3	--
84-07-19	1.4	645	200	240	0	19	--	--	--	--	4.5	--
84-10-10	.1	640	210	250	0	13	190	50	15	17	5.0	.80
85-04-04	.6	639	330	400	0	32	--	--	--	--	7.5	--
85-04-17	.2	635	410	500	0	25	--	--	--	--	9.4	--
85-06-13	.2	642	210	260	0	21	220	60	16	17	1.9	.70
84-02-02	.1	--	230	280	0	22	220	59	18	26	5.8	.80
84-02-28	--	--	220	270	0	17	210	57	17	24	5.4	.80
84-04-13	.4	651	327	400	0	64	300	80	24	39	6.2	.70
84-05-25	.5	642	260	310	0	31	--	--	--	--	5.0	--
84-07-27	.5	644	250	310	0	25	--	--	--	--	5.6	--
84-10-04	.3	640	220	270	0	17	200	52	16	21	5.4	.80
85-04-05	--	--	--	--	--	--	--	--	--	--	6.8	--
85-04-18	.2	638	420	510	0	64	--	--	--	--	7.3	--
85-05-03	--	--	--	--	--	--	--	--	--	--	--	--
85-06-14	.4	643	280	340	0	34	260	68	21	25	6.5	.80
85-07-24	.2	642	250	300	0	30	--	--	--	--	--	--
85-08-09	.4	646	240	290	0	29	230	62	18	21	5.9	.80
84-06-01	.3	646	220	270	0	14	--	--	--	--	3.1	--
84-07-24	.6	647	190	240	0	24	--	--	--	--	--	--
84-10-10	3.0	638	180	220	0	18	190	56	13	14	2.7	.70
84-02-01	6.7	--	--	170	0	8.5	160	45	11	13	--	.80
84-07-24	.7	648	180	220	0	22	--	--	--	--	--	--
85-06-13	.2	642	190	230	0	29	200	56	14	16	3.1	.70
84-02-01	<.1	--	220	270	0	22	230	61	18	25	3.8	.80
84-03-07	.3	645	210	260	0	16	--	--	--	--	--	--
84-04-11	.5	642	280	340	0	22	--	--	--	--	4.5	--
84-05-23	.3	642	230	280	0	18	--	--	--	--	4.2	--
84-07-24	.3	--	200	250	0	20	--	--	--	--	--	--
84-10-10	.3	640	190	230	0	18	200	56	15	20	3.7	.70
85-06-13	1.8	642	160	200	0	16	190	53	14	19	3.3	.70
85-08-09	.4	646	230	280	0	14	230	63	18	18	4.6	.80
84-02-01	2.8	--	180	220	0	3.5	190	53	13	14	2.6	.80

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE, DIS- SOLVED (MG/L AS SO4)	SILICA, DIS- SOLVED (MG/L AS SiO2)	CARBON, ORGANIC, DISSOLVED (MG/L AS C)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DISSOLVED (MG/L AS N)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA, DIS- SOLVED (MG/L AS NH4)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	IRON, DIS- SOLVED (UG/L AS FE)
85-06-14	20	21	25	2.5	--	3.4	1.10	--	--	1.4	--	1000
85-07-24	--	--	--	2.0	--	1.2	1.20	1.6	0.40	1.5	--	1500
85-08-09	19	25	24	2.8	--	3.0	1.10	1.5	.40	1.4	--	990
84-01-31	14	39	23	--	--	<.10	--	--	--	--	--	<1400
84-03-07	--	--	--	.80	--	<.10	.970	--	--	1.2	--	1100
84-04-11	--	28	--	1.5	<0.01	<.10	1.10	1.4	.30	1.4	--	1600
84-05-23	--	--	--	1.1	--	<.10	.880	2.1	1.2	1.1	0.050	1500
84-07-19	--	--	--	1.6	--	.83	.360	.70	.34	.46	<.010	50
84-10-10	11	25	22	2.7	--	<.10	.620	.60	-.02	.80	.010	1100
85-04-04	--	--	--	--	--	--	--	--	--	--	--	5100
85-04-17	--	--	--	--	--	<.10	1.10	1.7	.60	1.4	--	7000
85-06-13	14	30	20	2.3	--	.85	.420	--	--	.54	--	170
84-02-02	18	40	23	--	--	.20	--	--	--	--	--	280
84-02-28	15	39	23	1.3	--	.25	.770	--	--	.99	--	78
84-04-13	21	32	23	1.4	.02	2.0	.660	1.1	.44	.85	--	29
84-05-25	--	--	--	1.3	--	.28	.420	1.4	.98	.54	.050	80
84-07-27	--	--	--	1.4	--	<.10	.990	1.1	.11	1.3	<.010	420
84-10-04	12	24	22	3.1	--	<.10	.800	.70	-.10	1.0	<.010	270
85-04-05	--	--	--	--	--	--	--	--	--	--	--	130
85-04-18	--	--	--	--	--	.87	.640	1.1	.46	.82	--	1400
85-05-03	--	--	--	--	--	--	--	--	--	--	--	--
85-06-14	15	25	23	2.1	--	<.10	.800	--	--	1.0	--	220
85-07-24	--	--	--	1.3	--	<.10	.030	1.2	1.2	.04	--	1200
85-08-09	12	23	23	1.8	--	<.10	.940	1.1	.16	1.2	--	810
84-06-01	--	--	--	.70	--	.17	.150	.50	.35	.19	.010	<10
84-07-24	--	--	--	--	--	.86	.090	.50	.41	.12	--	--
84-10-10	10	24	19	2.6	--	.38	.020	.20	.18	.03	.010	3
84-02-01	11	32	17	--	--	.59	--	--	--	--	--	5
84-07-24	--	--	--	.90	--	.44	.060	<.20	--	.08	--	7
85-06-13	11	28	18	2.2	--	.37	.030	--	--	.04	--	<3
84-02-01	26	37	21	--	--	.31	--	--	--	--	--	97
84-03-07	--	--	--	1.1	--	<.10	.310	--	--	.40	--	190
84-04-11	--	30	--	1.2	.01	.44	.280	.70	.42	.36	--	16
84-05-23	--	--	--	1.2	--	.31	.180	.80	.62	.23	.040	15
84-07-24	--	--	--	1.2	--	.83	.060	.20	.14	.08	--	8
84-10-10	27	38	20	2.8	--	.53	.060	.30	.24	.08	.010	14
85-06-13	28	29	18	2.3	--	.62	.050	--	--	.06	--	22
85-08-09	12	26	22	1.8	--	.15	.340	.60	.26	.44	--	680
84-02-01	12	30	19	--	--	1.5	--	--	--	--	--	8

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	IRON, SUS- PENDE REC ERABLE (UG/L AS FE)	IRON, TOTAL REC ERABLE (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	ZINC, DIS- SOLVED (UG/L AS ZN)
85-06-14	--	--	2900	74
85-07-24	--	--	2600	94
85-08-09	--	--	2500	130
84-01-31	--	--	1900	--
84-03-07	--	--	1700	--
84-04-11	100	1700	2400	200
84-05-23	--	1600	2200	150
84-07-19	--	20	680	70
84-10-10	--	--	1600	120
85-04-04	--	--	2800	18
85-04-17	--	--	3600	<7
85-06-13	--	--	1200	44
84-02-02	--	--	2000	--
84-02-28	--	--	1900	--
84-04-13	50	80	1900	110
84-05-25	--	190	1000	110
84-07-27	--	--	2000	92
84-10-04	--	--	1800	89
85-04-05	--	--	2200	140
85-04-18	--	--	2700	99
85-05-03	--	--	--	--
85-06-14	--	--	1900	72
85-07-24	--	--	1900	72
85-08-09	--	--	1900	74
84-06-01	--	<10	350	50
84-07-24	--	--	--	--
84-10-10	--	--	39	21
84-02-01	--	--	1	--
84-07-24	--	--	2	45
85-06-13	--	--	23	28
84-02-01	--	--	1100	--
84-03-07	--	--	1300	--
84-04-11	--	<10	1400	130
84-05-23	--	50	1000	160
84-07-24	--	--	230	120
84-10-10	--	--	340	130
85-06-13	--	--	170	110
85-08-09	--	--	1300	21
84-02-01	--	--	4	--

Table 3.--Ground-water quality data, 1984 and 1985--Continued

WELL NUM- BER	WELL LOCA- TION	DATE OF SAMPLE	TIME	SPE- CIFIC CONDUCTANCE* (UMHOS)	SPE- CIFIC CONDUCTANCE, LAB (UMHOS)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C, DIS- SOLVED (MG/L)	SOLIDS/ SPE- CIFIC CONDUCTANCE, RATIO	CATION/ ANION, PERCENT DIFFERENCE	TEMPER- ATURE* (DEG. C)	PH* (STAN- DARD UNITS)
105.	(CONTINUED)	84-03-09	1000	390	410	--	239	0.61	--	9.0	8.0
		84-04-11	1200	406	415	--	238	.59	--	9.5	7.9
		84-05-25	1520	414	411	--	--	--	--	9.5	7.8
		84-10-10	1500	412	420	--	--	--	--	12.0	7.8
		85-06-13	1045	405	420	260	244	.60	2.61	10.0	7.9
106.	2S-35E-33CBBA1	84-05-22	1840	504	499	--	--	--	--	9.0	7.3
		84-07-18	1955	425	428	--	--	--	--	10.0	7.5
		84-10-10	1750	427	438	--	--	--	--	11.0	7.4
107.	2S-35E-33CBBC1	84-01-31	1300	431	418	250	240	.56	-.89	8.5	7.7
		84-03-06	0910	409	420	--	240	.59	--	9.0	7.3
		84-04-13	1045	490	483	--	266	.54	--	9.0	7.2
		84-05-24	1300	597	585	--	--	--	--	9.5	7.1
		84-07-26	1000	511	478	--	--	--	--	9.5	7.3
		84-10-04	1200	505	519	--	--	--	--	9.5	7.3
108.	2S-35E-33CBCB1	84-05-23	1720	571	559	--	--	--	--	10.0	7.2
		84-07-25	1655	577	537	--	--	--	--	10.5	7.2
		84-10-10	1645	557	569	--	--	--	--	10.0	7.3
109.	2S-35E-33CCAA1	84-04-12	1210	520	529	--	293	.56	--	8.0	7.0
		84-05-23	1600	535	523	--	--	--	--	10.5	7.2
		84-07-25	1600	524	519	--	--	--	--	13.5	7.3
		84-10-11	1520	532	545	--	--	--	--	12.5	7.3
110.	2S-35E-33CCBB1	84-04-12	1755	505	511	--	304	.60	--	11.5	7.3
		84-05-24	1845	422	420	--	--	--	--	11.5	7.3
		84-07-26	1415	484	463	--	--	--	--	13.5	7.3
		84-10-11	1700	487	501	--	--	--	--	12.0	7.3
M2.	2S-35E-33DABC1	85-08-08	1630	326	--	--	--	--	--	13.0	7.8
M12.	2S-35E-33DACB1	85-08-08	1800	336	348	206	199	.59	.71	6.5	7.8
112.	2S-35E-33DBBA1	84-02-02	1115	518	501	310	307	.59	-4.10	9.5	7.5
		84-02-28	1108	531	537	320	306	.58	-1.42	10.5	7.5
		84-04-13	1715	680	646	380	--	.56	-3.51	8.0	7.3
		84-05-25	1030	536	511	--	--	--	--	9.0	7.2
		84-07-27	1005	409	407	--	--	--	--	9.0	7.3
		84-10-04	1545	449	434	280	259	.58	-3.91	9.0	7.4
		85-04-05	1015	783	--	--	--	--	--	--	--
		85-04-18	1100	765	--	--	--	--	--	8.0	7.1
		85-05-03	1200	702	--	--	--	--	--	--	--
		85-06-14	1030	618	630	390	351	.57	-5.76	8.5	7.2
		85-07-24	1145	580	--	--	--	--	--	9.0	7.3
		85-08-09	1130	604	599	370	--	.61	-4.36	9.0	7.2
M3.	2S-35E-33DDBA1	85-08-07	1015	440	450	270	256	.58	-3.59	8.0	7.2

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	OXYGEN*, DIS- SOLVED (MG/L)	BARO- METRIC PRES- SURE* (MM OF HG)	ALKA- LINITY* (MG/L AS CAO3)	BICAR- BONATE* FET-FLD (MG/L AS HCO3)	CAR- BONATE* FET-FLD (MG/L AS CO3)	CARBON DIOXIDE, DIS- SOLVED (MG/L AS CO2)	HARD- NESS (MG/L AS CAO3)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
84-03-09	1.3	647	170	210	0	3.3	--	--	--	--	--	--
84-04-11	1.7	643	180	220	0	4.4	--	--	--	--	2.5	--
84-05-25	1.5	642	180	220	0	5.5	--	--	--	--	2.3	--
84-10-10	.5	639	180	220	0	5.5	--	--	--	--	2.6	--
85-06-13	3.1	642	170	210	0	4.2	190	54	14	15	5.5	0.80
84-05-22	.2	644	170	200	0	16	--	--	--	--	3.1	--
84-07-18	1.0	640	190	230	0	12	--	--	--	--	2.9	--
84-10-10	.3	637	180	220	0	14	--	--	--	--	2.8	--
84-01-31	<.1	--	160	200	0	6.3	180	51	12	14	3.1	.80
84-03-06	.2	648	160	200	0	16	--	--	--	--	--	--
84-04-13	1.4	650	160	200	0	20	--	--	--	--	3.4	--
84-05-24	.4	641	200	240	0	30	--	--	--	--	4.1	--
84-07-26	.5	645	180	220	0	18	--	--	--	--	--	--
84-10-04	.3	640	200	240	0	19	--	--	--	--	3.6	--
84-05-23	1.4	641	200	240	0	24	--	--	--	--	3.4	--
84-07-25	2.2	645	200	250	0	25	--	--	--	--	--	--
84-10-10	2.4	638	210	250	0	20	--	--	--	--	3.9	--
84-04-12	2.6	642	210	250	0	40	--	--	--	--	3.1	--
84-05-23	4.2	641	220	270	0	27	--	--	--	--	3.0	--
84-07-25	4.6	645	230	280	0	22	--	--	--	--	--	--
84-10-11	4.8	635	230	280	0	22	--	--	--	--	3.5	--
84-04-12	4.4	642	220	260	0	21	--	--	--	--	3.2	--
84-05-24	6.1	640	170	210	0	17	--	--	--	--	3.1	--
84-07-26	5.3	645	210	260	0	21	--	--	--	--	--	--
84-10-11	5.5	637	210	260	0	21	--	--	--	--	3.4	--
85-08-08	2.0	641	--	--	--	--	--	--	--	--	--	--
85-08-08	5.9	641	130	160	0	4.0	150	42	11	13	2.0	.80
84-02-02	--	--	230	280	0	14	200	53	17	15	15	.90
84-02-28	--	--	240	290	0	15	230	59	19	16	15	.90
84-04-13	.2	650	310	370	0	29	270	70	24	18	14	.90
84-05-25	.1	642	280	340	0	34	--	--	--	--	19	--
84-07-27	.6	644	210	250	0	20	--	--	--	--	17	--
84-10-04	.1	640	200	240	0	15	170	44	14	12	20	.90
85-04-05	--	--	--	--	--	--	--	--	--	--	22	--
85-04-18	.2	638	400	490	0	62	--	--	--	--	18	--
85-05-03	--	--	--	--	--	--	--	--	--	--	--	--
85-06-14	.3	644	340	410	0	41	270	72	22	16	16	.80
85-07-24	.1	642	280	340	0	27	--	--	--	--	--	--
85-08-09	.2	646	280	340	0	34	240	64	20	15	19	.80
85-08-07	.7	641	200	240	0	24	200	61	12	13	4.8	.70

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE, DIS- SOLVED (MG/L AS SO4)	SILICA, DIS- SOLVED (MG/L AS SIO2)	CARBON, ORGANIC, DISSOLVED (MG/L AS C)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DISSOLVED (MG/L AS N)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA, DIS- SOLVED (MG/L AS NH4)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	IRON, DIS- SOLVED (UG/L AS FE)
84-03-09	--	--	--	0.60	--	0.28	0.040	--	--	0.05	--	70
84-04-11	--	29	--	.40	--	.47	.030	0.20	0.17	.04	--	9
84-05-25	--	--	--	.30	--	.35	<.010	.30	--	--	0.050	<10
84-10-10	--	--	--	--	--	.16	<.010	<.20	--	--	.010	16
85-06-13	10	31	22	1.5	--	.54	.020	--	--	.03	--	<3
84-05-22	--	--	--	.60	--	7.9	1.10	2.4	1.3	1.4	.130	20
84-07-18	--	--	--	.80	--	1.3	.510	.80	.29	.66	.060	3
84-10-10	--	--	--	2.0	--	1.1	.340	.80	.46	.44	.060	6
84-01-31	12	34	20	--	--	<1.6	--	--	--	--	--	30
84-03-06	--	--	--	.80	--	1.7	1.10	--	--	1.4	--	30
84-04-13	--	41	--	.60	0.07	6.2	3.50	3.5	.00	4.5	--	8
84-05-24	--	--	--	.80	--	5.5	1.60	7.5	5.9	2.1	.340	30
84-07-26	--	--	--	--	--	6.5	4.40	6.3	1.9	5.7	.360	--
84-10-04	--	--	--	3.7	--	4.9	3.50	4.0	.50	4.5	.360	21
84-05-23	--	--	--	.70	--	8.0	2.90	4.1	1.2	3.7	.270	<10
84-07-25	--	--	--	--	--	9.5	7.30	8.6	1.3	9.4	.620	--
84-10-10	--	--	--	2.2	--	6.9	4.80	6.0	1.2	6.2	.560	4
84-04-12	--	36	--	.90	--	3.8	.070	.80	.73	.09	--	9
84-05-23	--	--	--	.80	--	3.0	<.010	1.0	--	--	.080	<10
84-07-25	--	--	--	--	--	2.1	.010	.50	.49	.01	--	--
84-10-11	--	--	--	--	--	2.5	<.010	.40	--	--	.030	<3
84-04-12	--	35	--	.50	--	1.8	.070	.90	.83	.09	--	9
84-05-24	--	--	--	.70	--	1.1	<.010	1.0	--	--	.010	20
84-07-26	--	--	--	--	--	1.5	.020	.30	.28	.03	--	--
84-10-11	--	--	--	--	--	1.5	<.010	.20	--	--	--	--
85-08-08	--	--	--	1.0	--	--	--	--	--	--	--	15
85-08-08	9.5	31	17	1.0	--	.22	.030	.20	.17	.04	--	31
84-02-02	14	27	24	--	--	.48	--	--	--	--	--	3600
84-02-28	16	21	24	2.0	--	<.10	1.70	--	--	2.2	--	3300
84-04-13	19	15	26	1.6	<.01	<.10	2.50	3.0	.50	3.2	--	4900
84-05-25	--	--	--	1.8	--	<.10	2.60	3.7	1.1	3.3	.120	3100
84-07-27	--	--	--	1.8	--	<.10	2.70	2.9	.20	3.5	.170	<2300
84-10-04	11	27	27	2.6	--	<.10	2.30	2.1	-.20	3.0	.200	2700
85-04-05	--	--	--	--	--	--	--	--	--	--	--	6300
85-04-18	--	--	--	--	--	<.10	2.10	2.7	.60	2.7	--	4300
85-05-03	--	--	--	--	--	--	--	--	--	--	--	--
85-06-14	14	12	28	2.9	--	<.10	2.20	--	--	2.8	--	4200
85-07-24	--	--	--	2.1	--	<.10	1.70	2.8	1.1	2.2	--	4900
85-08-09	16	31	27	2.5	--	<.10	2.70	2.7	.00	3.5	--	5300
85-08-07	8.0	38	15	2.8	--	.38	.080	.30	.22	.10	--	390

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	IRON, SUS- PENDE RECov- ERABLE (UG/L AS FE)	IRON, TOTAL RECov- ERABLE (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	ZINC, DIS- SOLVED (UG/L AS ZN)
84-03-09	--	--	50	--
84-04-11	90	100	19	83
84-05-25	--	10	40	50
84-10-10	--	--	78	51
85-06-13	--	--	21	35
84-05-22	--	40	10	130
84-07-18	--	580	12	140
84-10-10	--	--	18	290
84-01-31	--	--	28	--
84-03-06	--	--	70	--
84-04-13	30	40	7	48
84-05-24	--	20	20	100
84-07-26	--	--	--	--
84-10-04	--	--	29	45
84-05-23	--	20	<10	70
84-07-25	--	--	--	70
84-10-10	--	--	6	51
84-04-12	20	30	1	140
84-05-23	--	30	<10	40
84-07-25	--	--	--	60
84-10-11	--	--	<1	56
84-04-12	120	130	2	160
84-05-24	--	130	<10	100
84-07-26	--	--	--	90
84-10-11	--	--	--	60
85-08-08	--	--	140	26
85-08-08	--	--	20	18
84-02-02	--	--	2500	--
84-02-28	--	--	2800	--
84-04-13	100	5000	3700	27
84-05-25	--	4300	2900	30
84-07-27	--	--	2300	14
84-10-04	--	--	2300	19
85-04-05	--	--	5100	120
85-04-18	--	--	4900	10
85-05-03	--	--	--	--
85-06-14	--	--	4100	20
85-07-24	--	--	3400	92
85-08-09	--	--	3500	33
85-08-07	--	--	280	120

Table 3.--Ground-water quality data, 1984 and 1985--Continued

WELL NUM- BER	WELL LOCA- TION	DATE OF SAMPLE	TIME	SPE- CIFIC CONDUCTANCE* (UMHOS)	SPE- CIFIC CONDUCTANCE, LAB (UMHOS)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C, DIS- SOLVED (MG/L)	SOLIDS/ SPE- CIFIC CONDUCTANCE, RATIO	CATION/ ANION, PERCENT DIFFERENCE	TEMPER- ATURE* (DEG. C)	PH* (STAN- DARD UNITS)
M1.	2S-35E-34CBCB1	85-08-08	1530	381	385	240	220	0.58	-1.27	13.5	7.3
137.	3S-35E- 5BADC1	84-04-11	1745	372	--	--	--	--	--	5.5	7.9
		84-05-31	1500	267	270	--	--	--	--	10.0	7.9
		84-07-26	1515	294	295	--	--	--	--	17.0	7.6
		84-10-12	1440	315	320	190	172	.55	-1.51	12.5	7.7
138.	3S-35E- 5BCBC1	84-05-31	1645	362	361	--	--	--	--	9.5	7.6
		84-10-11	1130	387	398	--	--	--	--	9.5	7.4
139A.	3S-35E- 5BCDD1	84-03-09	1500	425	437	270	266	.63	-1.50	11.0	7.3
		84-04-12	1645	527	521	320	316	.60	-2.37	8.5	6.9
		84-05-31	1545	602	589	--	--	--	--	9.0	7.1
		84-07-26	1645	518	510	--	--	--	--	12.5	7.0
		84-10-12	1600	458	464	280	--	.61	-1.61	13.0	7.1
140.	3S-35E- 5CBCB1	84-02-29	1445	395	403	240	236	.60	-3.29	9.0	7.6
		84-04-10	1520	395	403	240	241	.61	-1.31	9.0	7.6
		84-05-22	0945	447	440	--	--	--	--	9.0	7.5
		84-07-19	1310	454	470	--	--	--	--	10.5	7.4
		84-10-11	0920	431	434	270	--	.62	-6.58	9.0	7.5
147.	3S-35E-11BCCB1	84-04-12	1430	599	562	--	331	.55	--	15.0	7.2
		84-05-31	1915	613	--	--	--	--	--	15.5	7.3

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	OXYGEN*, DIS- SOLVED (MG/L)	BARO- METRIC PRES- SURE* (MM OF HG)	ALKA- LINITY* (MG/L AS CACO3)	BICAR- BONATE* FET-FLD (MG/L AS HCO3)	CAR- BONATE* FET-FLD (MG/L AS CO3)	CARBON DIOXIDE, DIS- SOLVED (MG/L AS CO2)	HARD- NESS (MG/L AS CACO3)	CALCIUM, DIS- SOLVED (MG/L AS CA)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG)	SODIUM, DIS- SOLVED (MG/L AS NA)	POTAS- SIUM, DIS- SOLVED (MG/L AS K)	FLUO- RIDE, DIS- SOLVED (MG/L AS F)
85-08-08	0.5	641	180	220	0	18	180	55	11	11	2.6	0.60
84-04-11	5.0	--	140	180	0	3.6	--	--	--	--	--	--
84-05-31	7.7	641	110	140	0	2.8	--	--	--	--	1.9	--
84-07-26	2.8	645	130	160	0	6.4	--	--	--	--	--	--
84-10-12	5.0	644	120	150	0	4.8	140	41	9.1	11	1.7	.70
84-05-31	4.2	640	160	190	0	7.6	--	--	--	--	2.1	--
84-10-11	.8	635	180	220	0	14	--	--	--	--	2.3	--
84-03-09	.6	648	160	200	0	16	190	56	11	11	5.5	.70
84-04-12	1.1	642	210	260	0	52	240	73	14	12	4.8	.50
84-05-31	2.0	640	240	290	0	37	--	--	--	--	4.5	--
84-07-26	1.3	643	240	290	0	46	--	--	--	--	--	--
84-10-12	.1	644	210	260	0	33	210	67	11	11	5.4	.70
84-02-29	--	--	170	210	0	8.4	180	50	13	11	2.4	.80
84-04-10	.4	636	160	200	0	8.0	180	50	13	11	2.2	.80
84-05-22	.3	642	190	230	0	12	--	--	--	--	2.4	--
84-07-19	.4	646	220	260	0	16	--	--	--	--	2.5	--
84-10-11	.1	636	200	240	0	12	190	56	13	11	2.4	.70
84-04-12	.7	641	290	350	0	35	--	--	--	--	3.4	--
84-05-31	.4	639	300	360	0	29	--	--	--	--	3.6	--

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	SULFATE, DIS- SOLVED (MG/L AS SO4)	SILICA, DIS- SOLVED (MG/L AS SiO2)	CARBON, ORGANIC, DISSOLVED (MG/L AS C)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N)	NITRO- GEN,AM- MONIA + ORGANIC DISSOLVED (MG/L AS N)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N)	NITRO- GEN, AMMONIA, DIS- SOLVED (MG/L AS NH4)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	IRON, DIS- SOLVED (UG/L AS FE)
85-08-08	7.1	23	18	1.7	--	<0.10	0.060	0.20	0.14	0.08	--	280
84-04-11	--	--	--	--	--	--	--	--	--	--	--	--
84-05-31	--	--	--	1.2	--	.23	<.010	.30	--	--	0.010	36
84-07-26	--	--	--	.90	--	.25	.050	<.20	--	.06	--	--
84-10-12	8.7	35	13	2.3	--	.16	.020	.30	.28	.03	.020	<3
84-05-31	--	--	--	1.0	--	.87	<.010	.50	--	--	.010	7
84-10-11	--	--	--	--	--	.42	<.010	<.20	--	--	--	--
84-03-09	11	43	22	1.1	--	<.10	.190	--	--	.24	--	2000
84-04-12	14	49	19	.70	0.01	.92	.070	.30	.23	.09	--	410
84-05-31	--	--	--	1.6	--	11	<.010	1.2	--	--	.010	180
84-07-26	--	--	--	1.5	--	2.4	.030	.50	.47	.04	--	110
84-10-12	9.0	26	19	2.1	--	<.10	.050	.20	.15	.06	<.010	250
84-02-29	9.8	32	19	.90	--	<.10	.070	--	--	.09	--	370
84-04-10	10	33	20	.70	<.01	<.10	.120	<.20	--	.15	--	550
84-05-22	--	--	--	--	--	--	--	--	--	--	--	<1200
84-07-19	--	--	--	1.1	--	<.10	.070	<.20	--	.09	.010	1300
84-10-11	7.2	38	21	2.6	--	<.10	.030	.20	.17	.04	.010	1300
84-04-12	--	22	--	.80	.01	.72	.040	.40	.36	.05	--	43
84-05-31	--	--	--	.70	--	1.5	<.010	.50	--	--	.010	13

Table 3.--Ground-water quality data, 1984 and 1985--Continued

DATE OF SAMPLE	IRON, SUS- PENDE RECOV- ERABLE (UG/L AS FE)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE)	MANGA- NESE, DIS- SOLVED (UG/L AS MN)	ZINC, DIS- SOLVED (UG/L AS ZN)
85-08-08	--	--	210	49
84-04-11	--	--	--	--
84-05-31	--	20	<1	45
84-07-26	--	--	--	--
84-10-12	--	--	14	51
84-05-31	--	100	4	30
84-10-11	--	--	--	10
84-03-09	--	--	5100	--
84-04-12	40	450	2500	61
84-05-31	--	290	44	100
84-07-26	--	--	540	--
84-10-12	--	--	2100	32
84-02-29	--	--	1200	--
84-04-10	40	590	1400	71
84-05-22	--	1300	3100	60
84-07-19	--	1500	3800	40
84-10-11	--	--	3300	69
84-04-12	170	210	3	60
84-05-31	--	20	9	68

Table 4.---Selected trace-element data, 1984

[WELL NUMBER, refer to fig. 7 for locations of wells; DATE OF SAMPLE, year-month-day; TIME, 24-hour notation; DISSOLVED, see headnotes for table 3; UG/L, micrograms per liter; <, less than]

WELL NUM- BER	WELL LOCATION	DATE OF SAMPLE	TIME	ARSENIC, DIS- SOLVED (UG/L AS AS)	CADMIUM, DIS- SOLVED (UG/L AS CD)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR)	COPPER, DIS- SOLVED (UG/L AS CU)	LEAD, DIS- SOLVED (UG/L AS PB)	MERCURY, DIS- SOLVED (UG/L AS HG)	SELE- NIUM, DIS- SOLVED (UG/L AS SE)
82.	2S-35E-32CDDC2	84-04-10	1610	1	<1	<10	29	14	<0.1	<1
97.	2S-35E-33BADB1	84-04-13	1530	<1	<1	<10	2	15	<.1	<1
112.	2S-35E-33DBBA1	84-04-13	1715	6	<1	<10	<1	3	<.1	<1
139A.	3S-35E- 5BCDD1	84-04-12	1645	<1	<1	<10	1	14	<.1	<1
140.	3S-35E- 5CBCB1	84-04-10	1520	3	<1	<10	<1	16	<.1	<1

Table 5.--Statistical summary of selected water-quality data, 1984 and 1985

[*, onsite analysis; **, calculated value (see headnotes for table 3); mg/L, milligrams per liter; μ g/L, micrograms per liter; <, less than]

Water-quality constituent	Data population	90 percent	75 percent	Median (50) percent	Mean	Range of values	
						Minimum	Maximum
*Specific conductance (μ mho/cm)	218	652	543	485	506	267	1,450
Specific conductance, lab (μ mho/cm)	185	646	520	478	482	270	1,060
**Solids, sum of constituents, dissolved (mg/L)	73	362	320	290	290	190	520
Solids, residue at 180 °C, dissolved (mg/L)	92	320	306	277	278	172	482
*Temperature (°C)	212	13.0	12.5	11.0	11.0	5.5	19.5
*pH (standard units)	212	7.6	7.5	7.4	7.4	6.8	8.0
*Oxygen, dissolved (mg/L)	197	6.0	4.5	1.0	2.3	0	8.9
**Alkalinity (mg/L as CaCO ₃)	210	290	230	210	220	110	520
*Bicarbonate, endpoint titration (mg/L as HCO ₃)	211	350	280	260	260	140	630
*Carbonate, endpoint titration (mg/L as CO ₃)	211	0	0	0	0	0	0
**Carbon dioxide, dissolved (mg/L as CO ₂)	211	34	22	18	21	3	160
**Hardness (mg/L as CaCO ₃)	74	270	240	210	213	140	370
Calcium, dissolved (mg/L as Ca)	74	73	68	58	60	39	100
Magnesium, dissolved (mg/L as Mg)	74	21	18	15	15	9.1	29
Sodium, dissolved (mg/L as Na)	74	24	17	14	15	9.7	39
Potassium, dissolved (mg/L as K)	170	13	5	3.2	5.4	1.5	50
Fluoride, dissolved (mg/L as F)	74	.90	.80	.75	.74	.50	.90
Chloride, dissolved (mg/L as Cl)	74	20	15	12	13	7.1	28
Sulfate, dissolved (mg/L as SO ₄)	93	38	35	30	30	12	49
Silica, dissolved (mg/L as SiO ₂)	74	25	23	21	21	13	28
DOC (carbon, organic dissolved, mg/L as C)	147	2.60	2.0	1.1	1.4	.3	4.4
Nitrogen, nitrite + nitrate, dissolved (mg/L as N)	200	2.49	1.50	.55	1.18	<.10	11.00
Nitrogen, ammonia, dissolved (mg/L as N)	185	1.30	.57	.04	.47	<.01	7.30
Nitrogen, ammonia + organic, dissolved (mg/L as N)	150	2.67	1.10	.50	.99	<.10	8.60
**Nitrogen, organic, dissolved (mg/L as N)	99	1.20	.53	.37	.54	-.20	5.90
**Nitrogen, ammonia, dissolved (mg/L as NH ₃)	143	2.20	1.20	.10	.78	.01	9.40
Phosphorus, dissolved (mg/L as P)	70	.20	.06	.02	.07	<.01	.62
Iron, dissolved (μ g/L as Fe)	179	2,200	620	30	650	<3	7,000
Iron, total recoverable (μ g/L as Fe)	68	1,610	250	75	470	<10	5,000
Manganese, dissolved (μ g/L as Mn)	179	3,100	2,200	180	1,090	<1	5,100
Zinc, dissolved (μ g/L as Zn)	151	130	90	51	66	<3	320